

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005628.D
 Acq On : 27 Oct 2018 02:28
 Operator : JC/MD
 Sample : VX1026WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS02

Quant Time: Oct 27 06:03:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	222396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162039	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	133854	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
35) Dibromofluoromethane	5.50	113	103433	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
50) Toluene-d8	8.71	98	382764	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
62) 4-Bromofluorobenzene	11.14	95	142076	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59259	26.995	ug/l	99
3) Chloromethane	1.32	50	66745	23.876	ug/l	91
4) Vinyl Chloride	1.40	62	58630	21.329	ug/l	98
5) Bromomethane	1.64	94	35320	20.650	ug/l	97
6) Chloroethane	1.72	64	35376	20.146	ug/l	94
7) Trichlorofluoromethane	1.93	101	79213	20.739	ug/l	86
8) Diethyl Ether	2.19	74	30632	20.096	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	44511	20.311	ug/l	99
10) Methyl Iodide	2.51	142	44805	21.235	ug/l	100
11) Tert butyl alcohol	3.06	59	77576	106.190	ug/l	99
12) 1,1-Dichloroethene	2.37	96	44039	21.095	ug/l	91
13) Acrolein	2.29	56	34886	93.615	ug/l	99
14) Allyl chloride	2.73	41	92156	19.780	ug/l	98
15) Acrylonitrile	3.15	53	165064	100.763	ug/l	98
16) Acetone	2.45	43	153460	106.976	ug/l	100
17) Carbon Disulfide	2.57	76	128539	20.198	ug/l	97
18) Methyl Acetate	2.78	43	81059	22.056	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	154345	20.726	ug/l	94
20) Methylene Chloride	2.86	84	48788	20.307	ug/l #	82
21) trans-1,2-Dichloroethene	3.16	96	46193	20.266	ug/l	89
22) Diisopropyl ether	3.87	45	170406	20.944	ug/l	90
23) Vinyl Acetate	3.82	43	732747	102.258	ug/l	100
24) 1,1-Dichloroethane	3.69	63	91739	20.739	ug/l	98
25) 2-Butanone	4.70	43	232226	106.307	ug/l	95
26) 2,2-Dichloropropane	4.59	77	53065	15.538	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	48933	19.913	ug/l	97
28) Bromochloromethane	5.02	49	45114	21.086	ug/l	96
29) Tetrahydrofuran	5.15	42	148650	104.564	ug/l	99
30) Chloroform	5.22	83	84435	20.406	ug/l	95
31) Cyclohexane	5.59	56	74280	20.295	ug/l	87
32) 1,1,1-Trichloroethane	5.50	97	72848	19.947	ug/l	99
36) 1,1-Dichloropropene	5.80	75	58212	17.980	ug/l	98
37) Ethyl Acetate	4.85	43	83547	20.222	ug/l	100
38) Carbon Tetrachloride	5.78	117	63746	18.694	ug/l	88

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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 ClientSampleId :
 VX1026WBS02

Quant Time: Oct 27 06:03:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	66024	18.468	ug/l	97
40) Benzene	6.14	78	179006	19.288	ug/l	99
41) Methacrylonitrile	5.06	41	44278	19.240	ug/l	97
42) 1,2-Dichloroethane	6.20	62	70752	20.067	ug/l	99
43) Isopropyl Acetate	6.46	43	116619	18.837	ug/l	99
44) Trichloroethene	7.21	130	49815	19.702	ug/l	99
45) 1,2-Dichloropropane	7.51	63	47799	19.156	ug/l	97
46) Dibromomethane	7.66	93	31466	19.525	ug/l	96
47) Bromodichloromethane	7.90	83	58071	18.566	ug/l	96
48) Methyl methacrylate	7.77	41	58316	19.335	ug/l	99
49) 1,4-Dioxane	7.75	88	25764	390.894	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	405859	97.545	ug/l	99
52) Toluene	8.79	92	110697	19.625	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	60964	18.034	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	67189	18.461	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	45100	18.965	ug/l	97
56) Ethyl methacrylate	9.18	69	67755	19.102	ug/l	99
57) 1,3-Dichloropropane	9.37	76	76360	18.977	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	185569	93.670	ug/l	100
59) 2-Hexanone	9.49	43	316727	96.547	ug/l	100
60) Dibromochloromethane	9.59	129	46432	18.714	ug/l	98
61) 1,2-Dibromoethane	9.67	107	46830	19.035	ug/l	100
64) Tetrachloroethene	9.34	164	51562	21.304	ug/l	98
65) Chlorobenzene	10.14	112	122954	19.804	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	45011	19.883	ug/l	100
67) Ethyl Benzene	10.25	91	207605	20.324	ug/l	99
68) m/p-Xylenes	10.36	106	159770	40.315	ug/l	100
69) o-Xylene	10.70	106	77477	20.780	ug/l	99
70) Styrene	10.71	104	127638	20.450	ug/l	100
71) Bromoform	10.86	173	38334	18.976	ug/l #	98
73) Isopropylbenzene	11.02	105	212054	21.408	ug/l	100
74) N-amyl acetate	10.90	43	98870	20.145	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	72571	19.859	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	83649	24.365	ug/l	85
77) Bromobenzene	11.26	156	55887	20.245	ug/l	100
78) n-propylbenzene	11.36	91	240838	21.264	ug/l	100
79) 2-Chlorotoluene	11.42	91	145863	20.771	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	178720	21.092	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18731	17.827	ug/l	96
82) 4-Chlorotoluene	11.51	91	170968	20.646	ug/l	99
83) tert-Butylbenzene	11.77	119	174310	20.637	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	185330	21.581	ug/l	99
85) sec-Butylbenzene	11.94	105	211279	20.963	ug/l	100
86) p-Isopropyltoluene	12.07	119	191822	21.291	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	104342	20.101	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	104697	19.322	ug/l	99
89) n-Butylbenzene	12.39	91	161743	19.886	ug/l	99
90) Hexachloroethane	12.60	117	29994	19.302	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	105894	20.163	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17516	19.824	ug/l	98

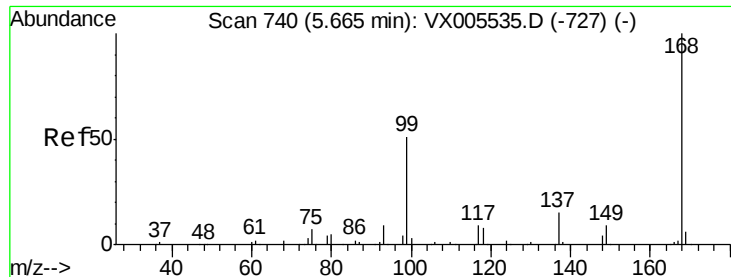
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102618\
Data File : VX005628.D
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Operator : JC/MD
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Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Quant Time: Oct 27 06:03:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	75274	19.772	ug/l	99
94) Hexachlorobutadiene	13.79	225	36702	18.603	ug/l	99
95) Naphthalene	13.83	128	231801	20.946	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	78405	20.316	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

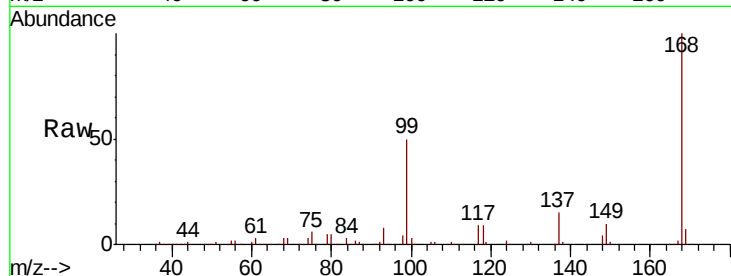
VX1026WBS02

Tot Ion:168 Resp: 222396

Ion Ratio Lower Upper

168 100

99 49.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

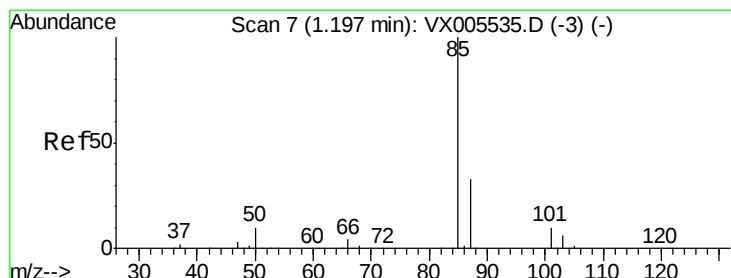
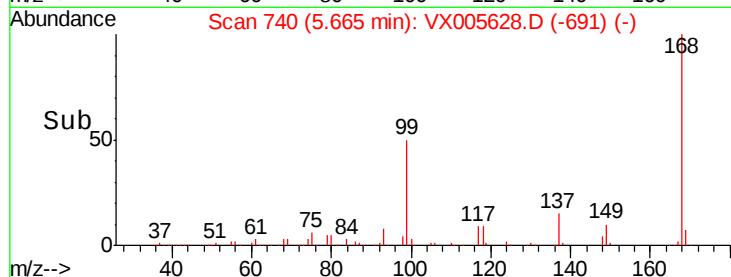
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 26.995 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005628.D

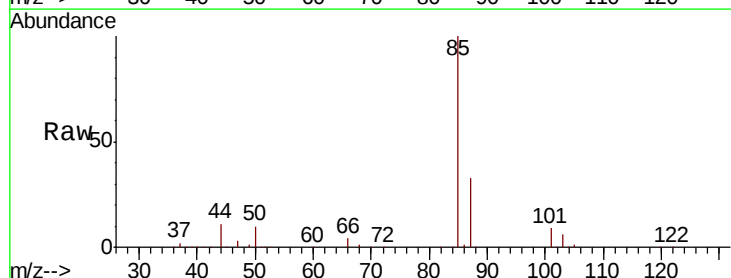
Acq: 27 Oct 2018 02:28

Tgt Ion: 85 Resp: 59259

Ion Ratio Lower Upper

85 100

87 33.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

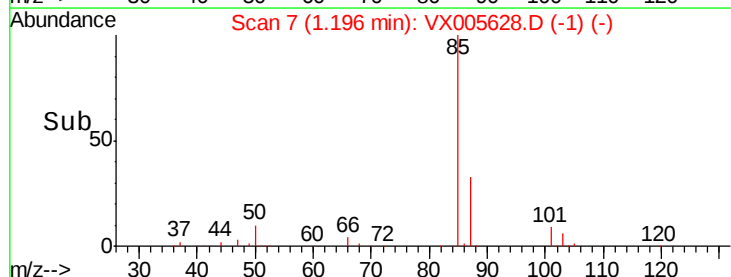
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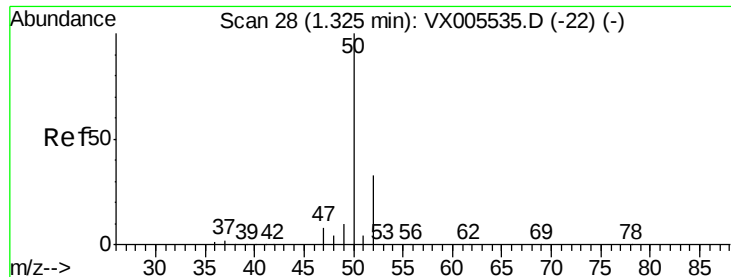
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 23.876 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

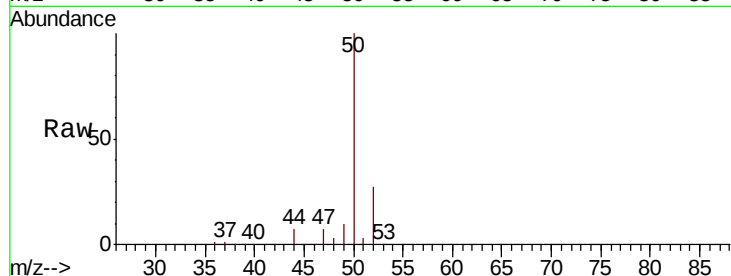
VX1026WBS02

Tot Ion: 50 Resp: 66745

Ion Ratio Lower Upper

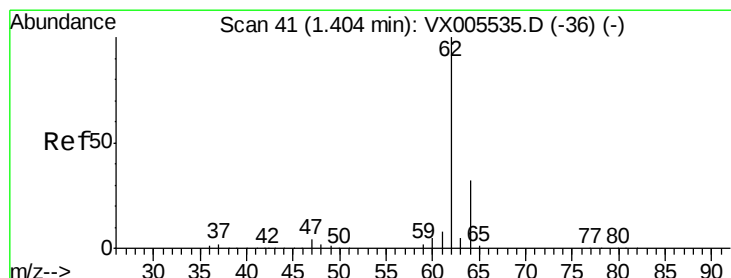
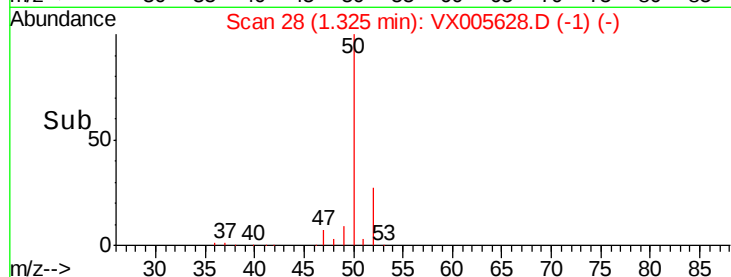
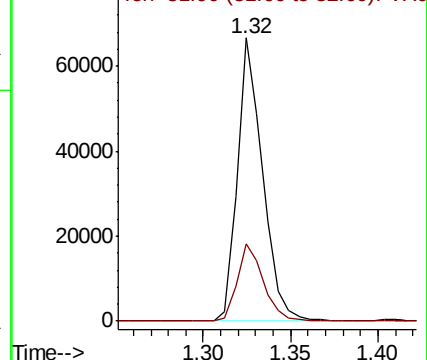
50 100

52 27.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.329 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005628.D

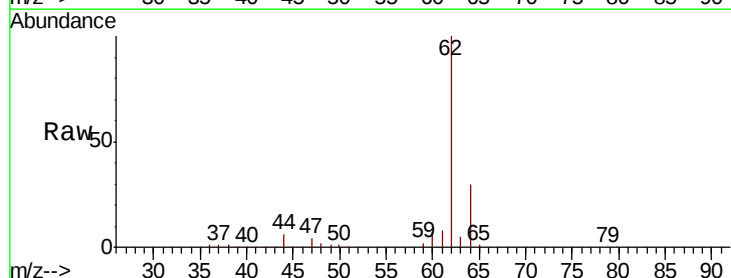
Acq: 27 Oct 2018 02:28

Tgt Ion: 62 Resp: 58630

Ion Ratio Lower Upper

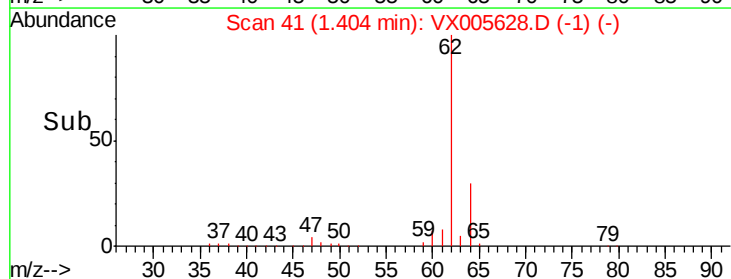
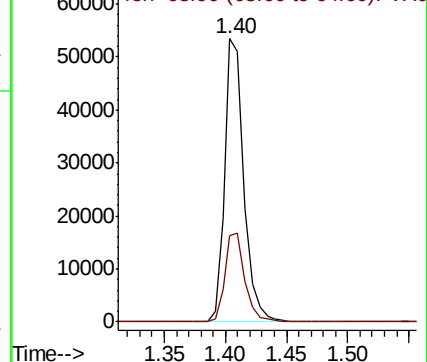
62 100

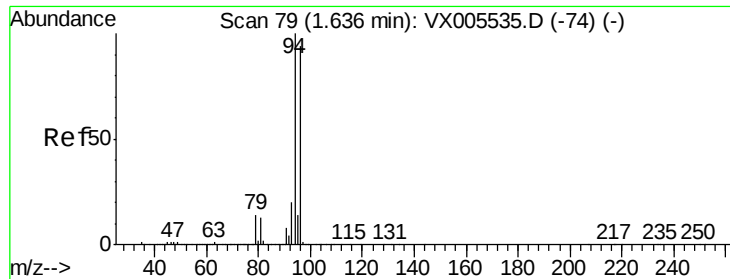
64 30.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.650 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

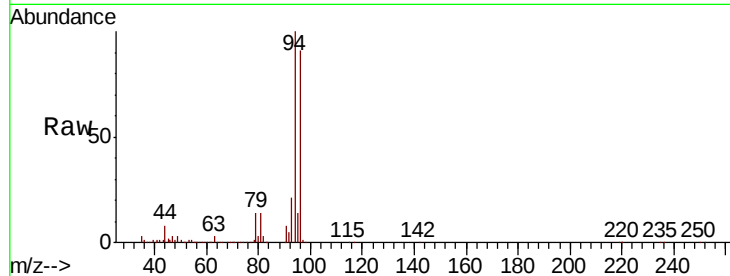
VX1026WBS02

Tot Ion: 94 Resp: 35320

Ion Ratio Lower Upper

94 100

96 91.1 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

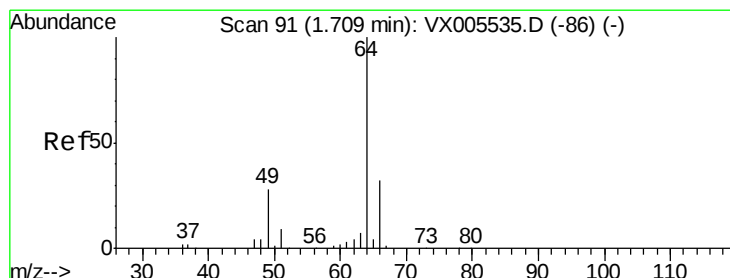
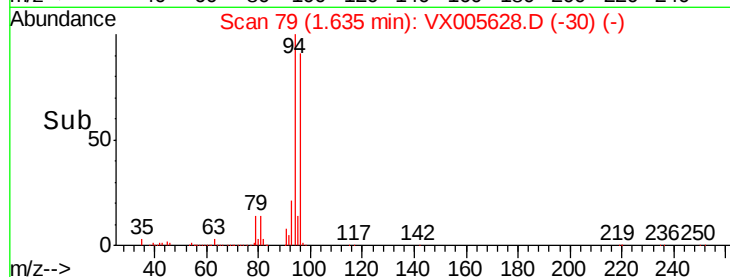
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 20.146 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005628.D

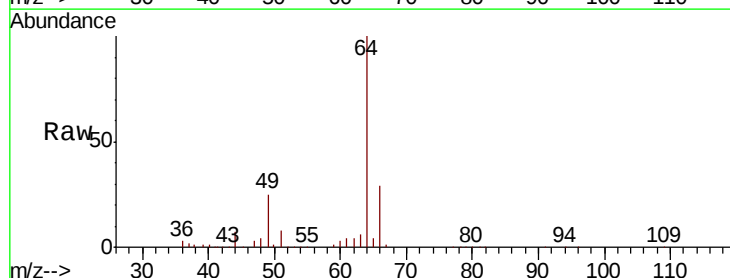
Acq: 27 Oct 2018 02:28

Tgt Ion: 64 Resp: 35376

Ion Ratio Lower Upper

64 100

66 28.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

30000

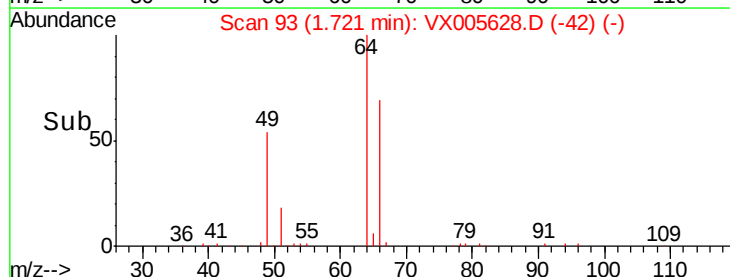
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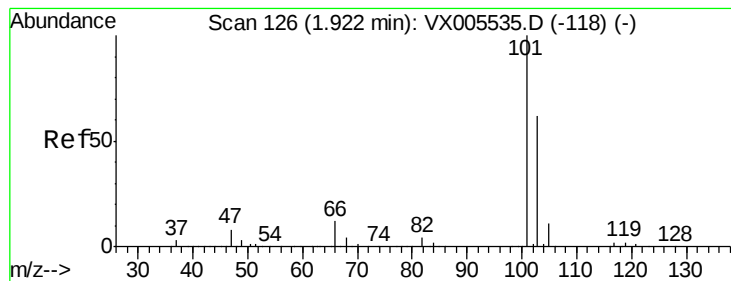
10000

0

Time-->

1.65 1.70 1.75 1.80



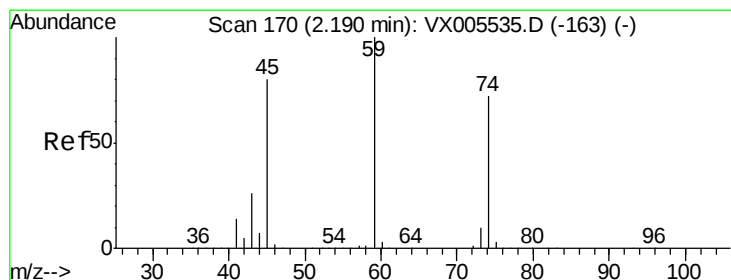
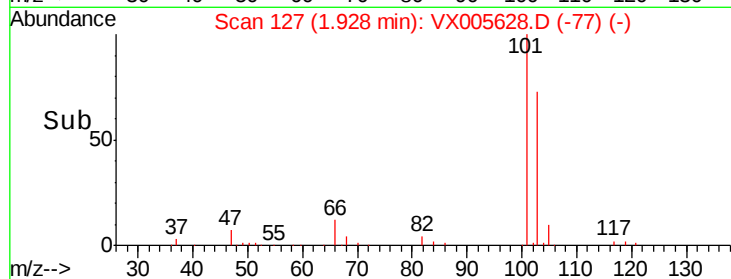
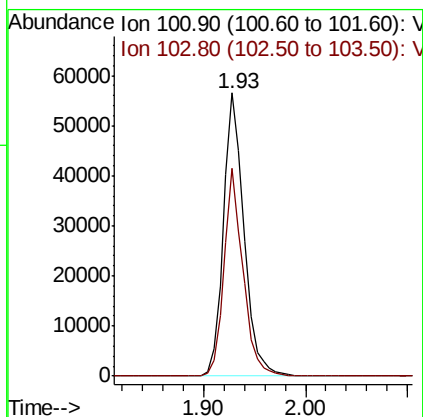
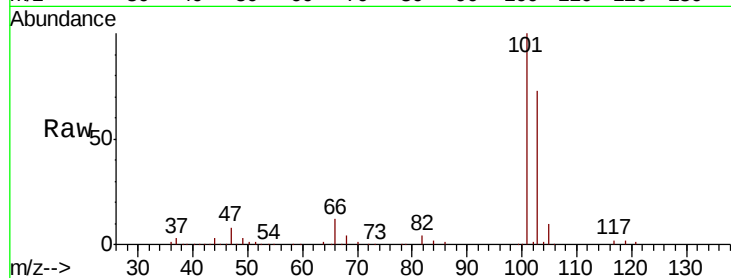


#7

Trichlorofluoromethane
 Concen: 20.739 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS02

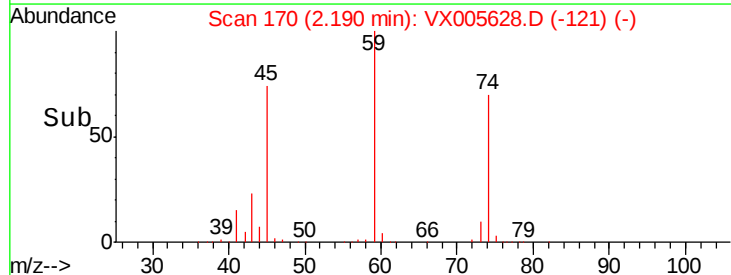
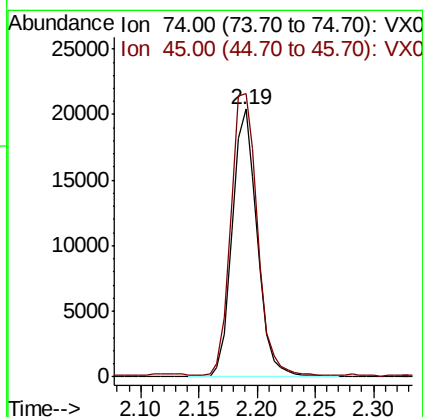
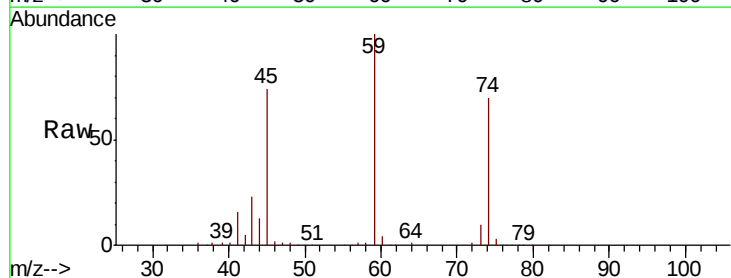
Tot Ion:101 Resp: 79213
 Ion Ratio Lower Upper
 101 100
 103 73.3 50.0 75.0

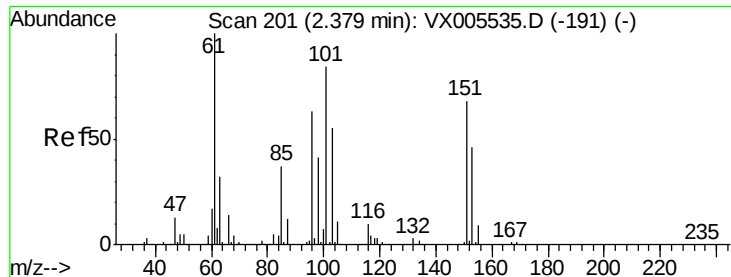


#8

Diethyl Ether
 Concen: 20.096 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Tgt Ion: 74 Resp: 30632
 Ion Ratio Lower Upper
 74 100
 45 112.3 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.311 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

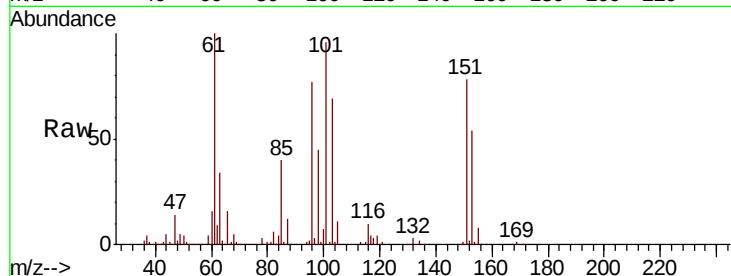
Tot Ion:101 Resp: 44511

Ion Ratio Lower Upper

101 100

85 44.5 35.0 52.4

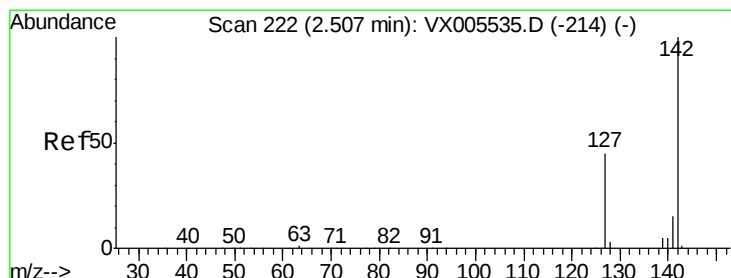
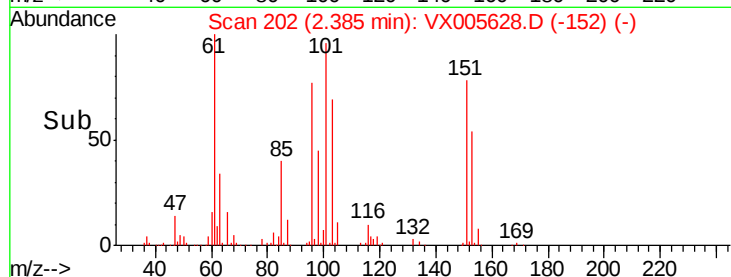
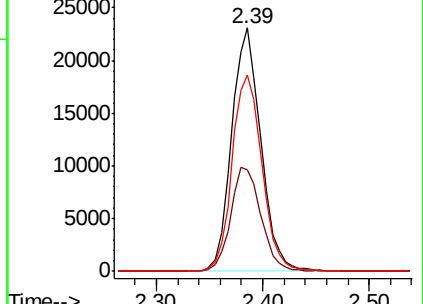
151 82.4 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.235 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

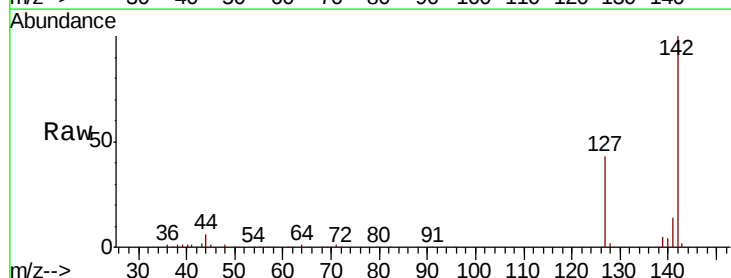
Tgt Ion:142 Resp: 44805

Ion Ratio Lower Upper

142 100

127 44.7 36.0 54.0

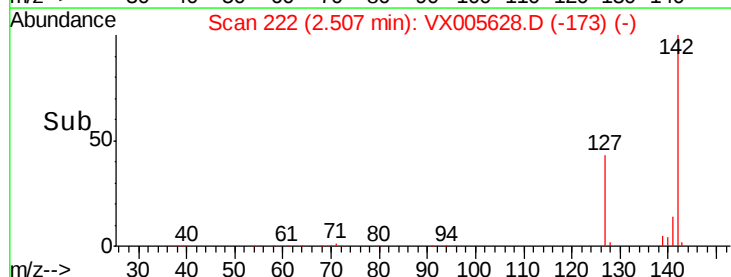
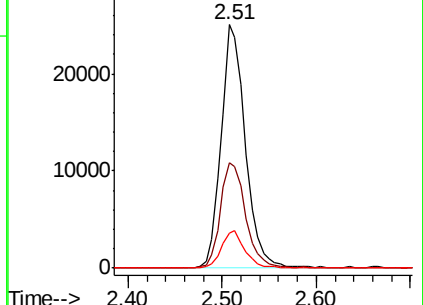
141 14.7 11.7 17.5

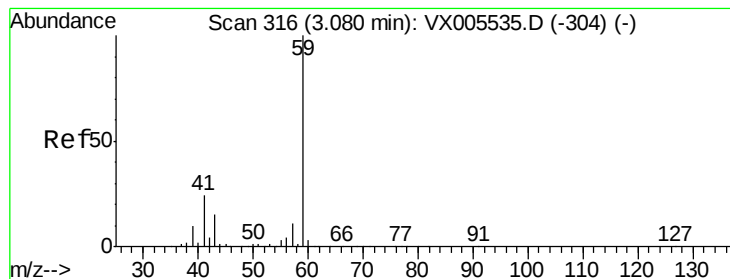


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



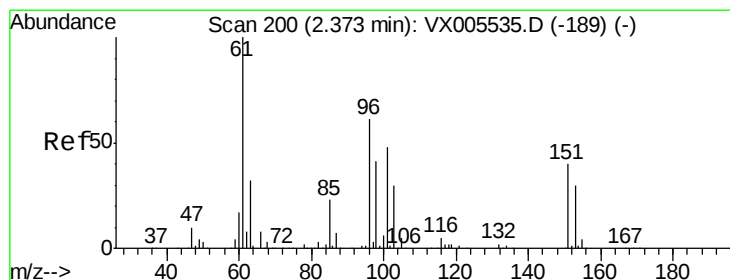
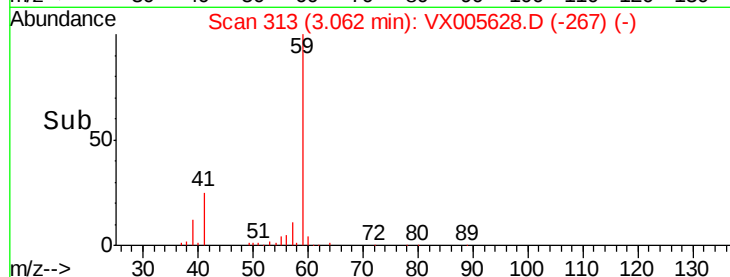
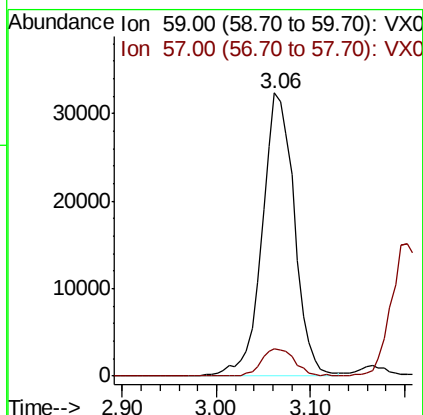
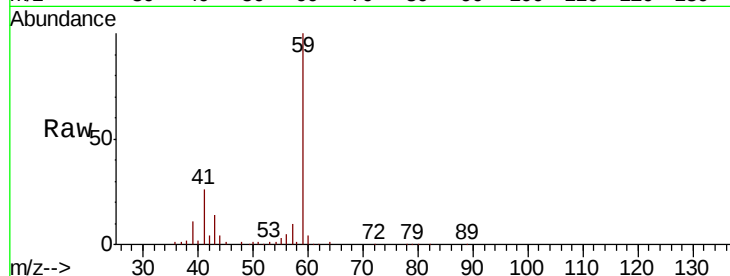


#11

Tert butyl alcohol
 Concen: 106.190 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Instrument :
 MSVOA_X
 ClientSampled :
 VX1026WBS02

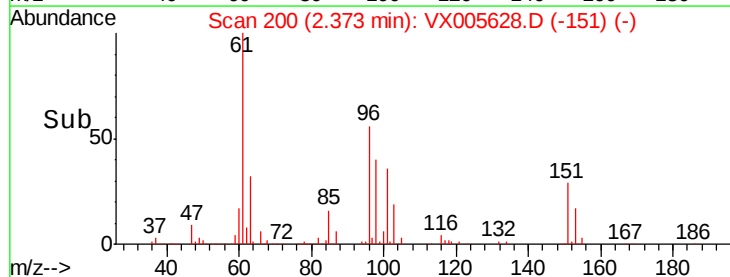
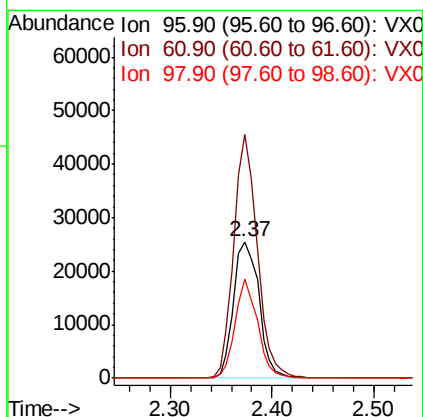
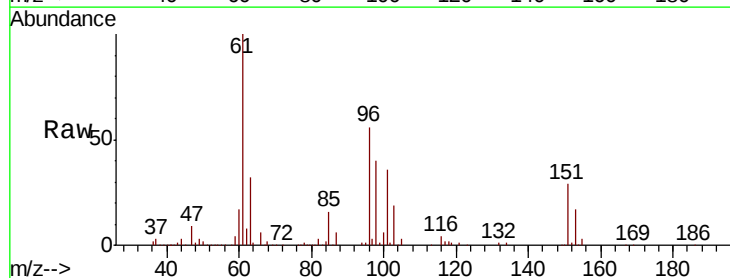
Tot Ion: 59 Resp: 77576
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

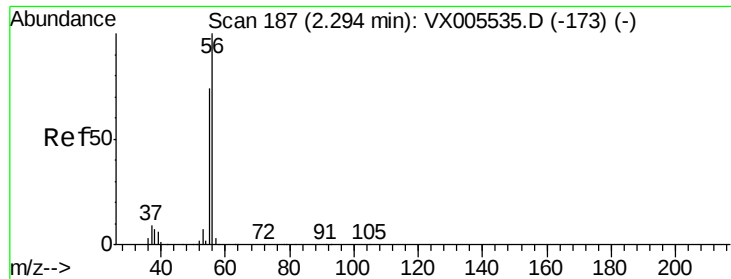


#12

1,1-Dichloroethene
 Concen: 21.095 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Tgt Ion: 96 Resp: 44039
 Ion Ratio Lower Upper
 96 100
 61 178.3 131.8 197.8
 98 72.2 53.4 80.2





#13

Acrolein

Concen: 93.615 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

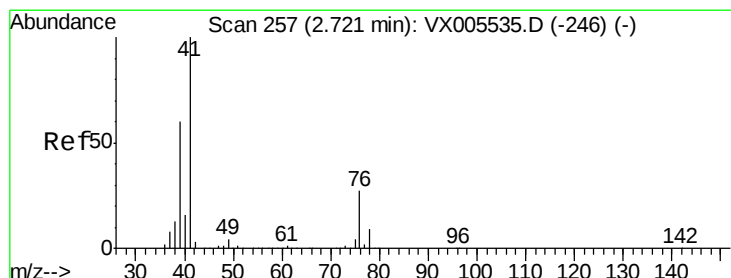
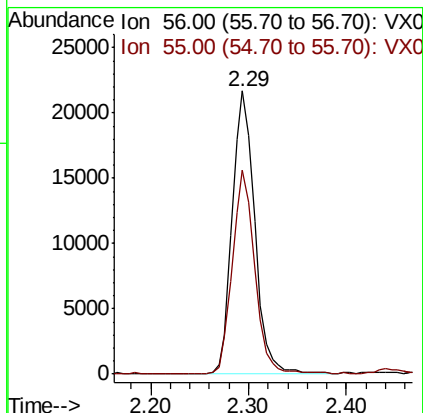
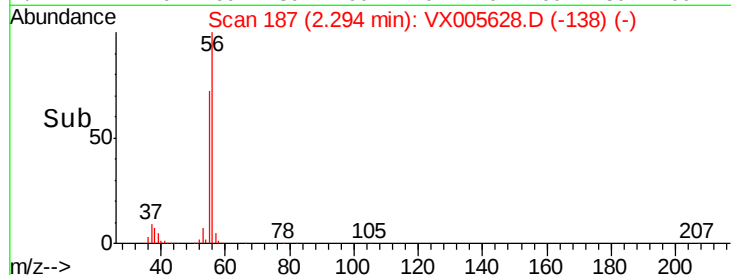
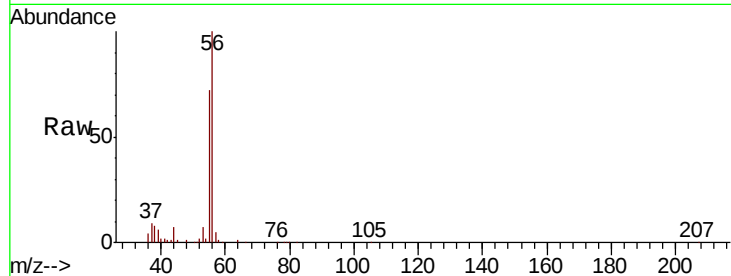
VX1026WBS02

Tot Ion: 56 Resp: 34886

Ion Ratio Lower Upper

56 100

55 71.2 57.3 85.9



#14

Allyl chloride

Concen: 19.780 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

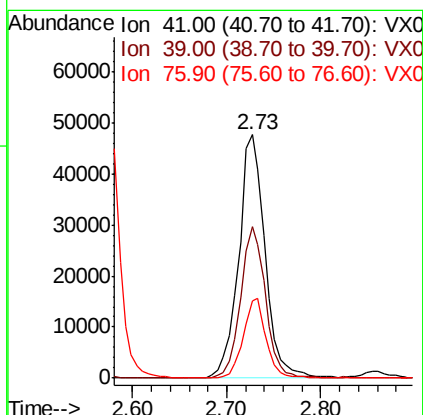
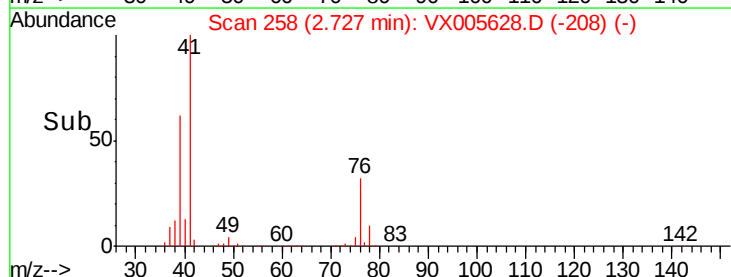
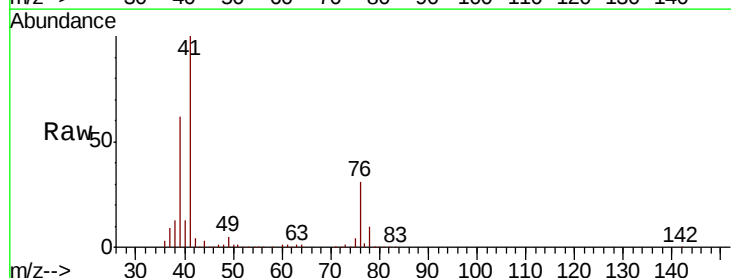
Tgt Ion: 41 Resp: 92156

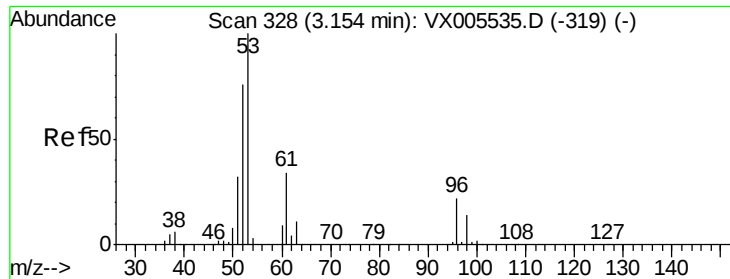
Ion Ratio Lower Upper

41 100

39 58.8 48.2 72.4

76 28.6 21.9 32.9

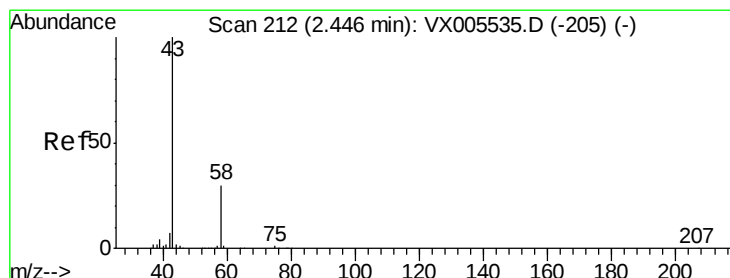
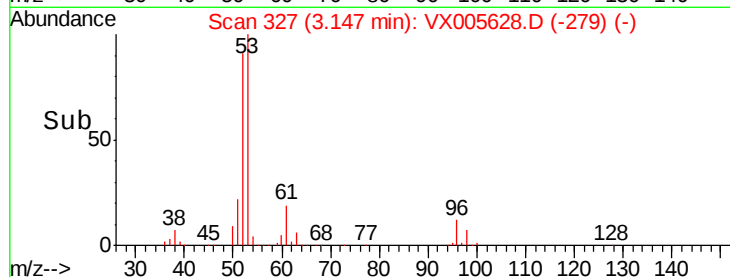
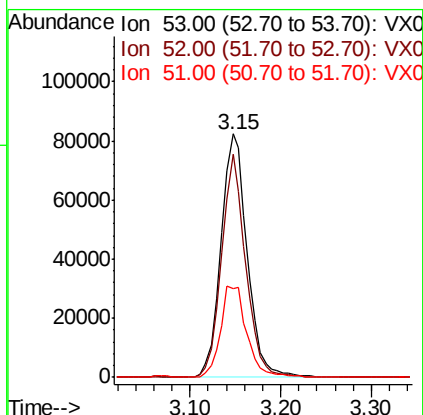
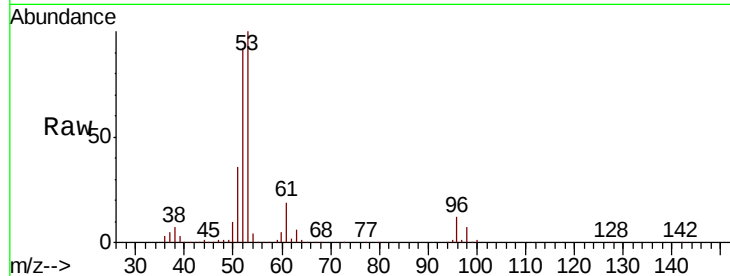




#15
 Acrylonitrile
 Concen: 100.763 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

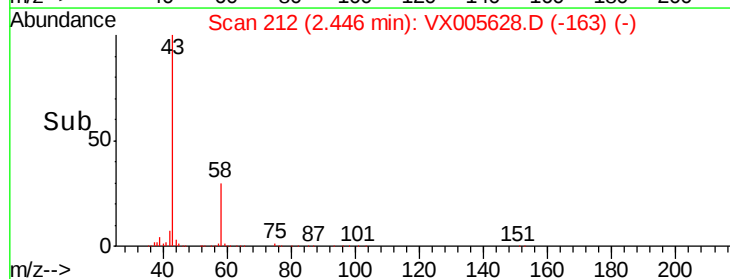
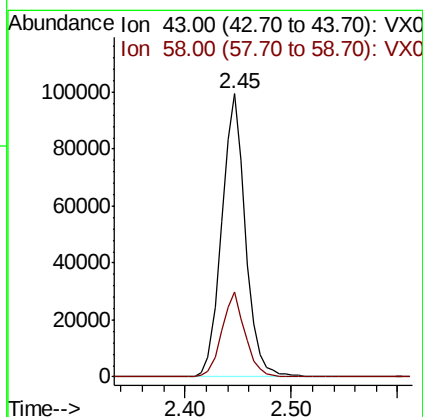
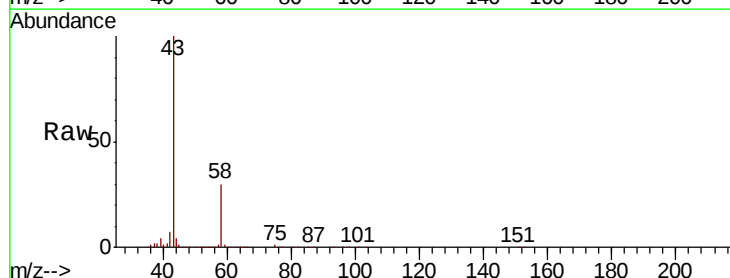
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1026WBS02

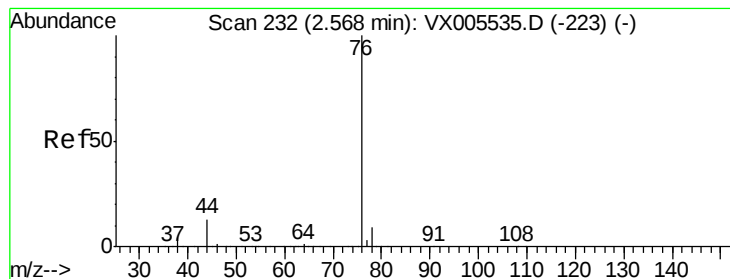
Tot Ion: 53 Resp: 165064
 Ion Ratio Lower Upper
 53 100
 52 84.1 66.6 99.8
 51 37.6 28.4 42.6



#16
 Acetone
 Concen: 106.976 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Tgt Ion: 43 Resp: 153460
 Ion Ratio Lower Upper
 43 100
 58 29.9 23.8 35.6





#17

Carbon Disulfide

Concen: 20.198 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

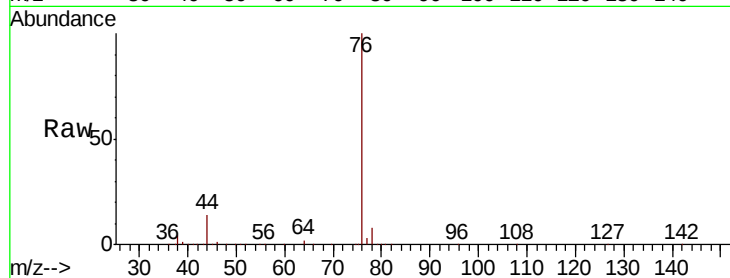
VX1026WBS02

Tot Ion: 76 Resp: 128539

Ion Ratio Lower Upper

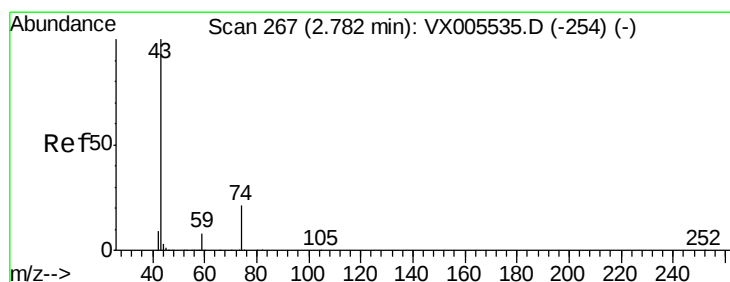
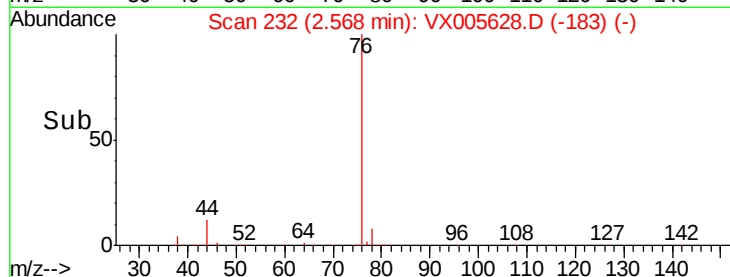
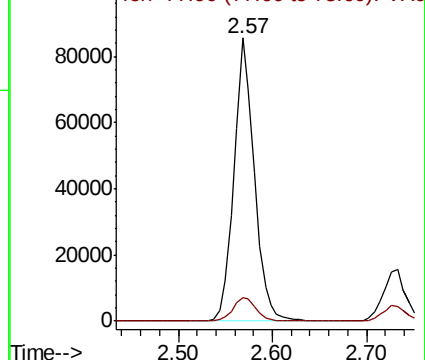
76 100

78 8.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.056 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005628.D

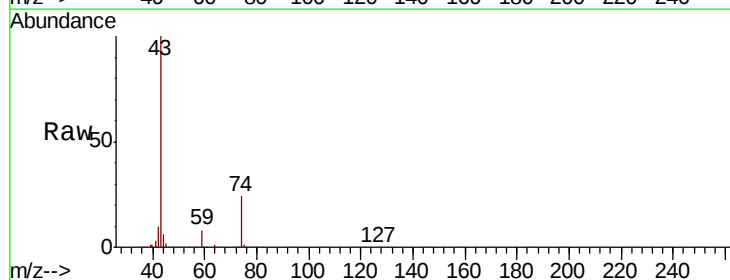
Acq: 27 Oct 2018 02:28

Tgt Ion: 43 Resp: 81059

Ion Ratio Lower Upper

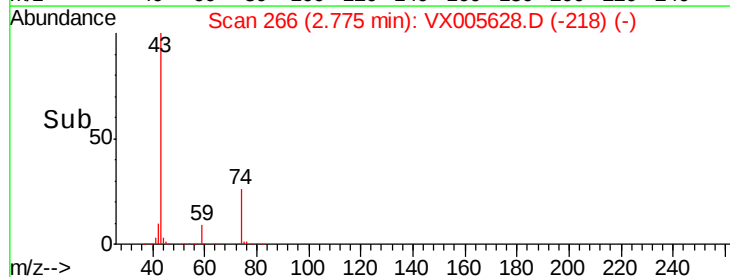
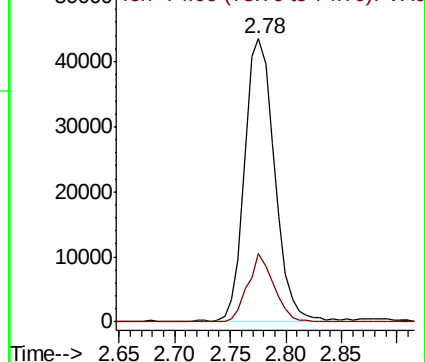
43 100

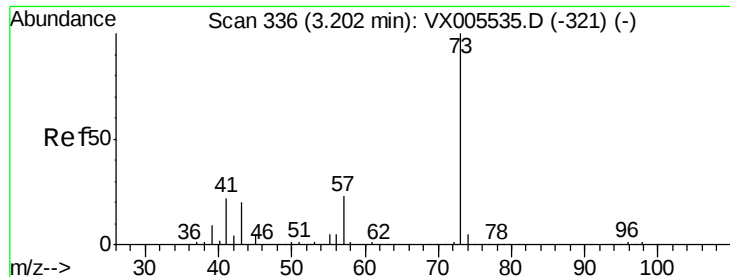
74 20.9 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



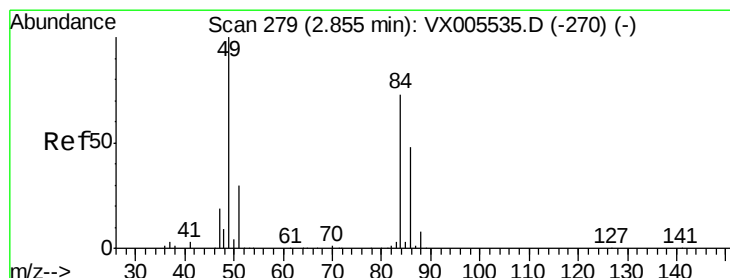
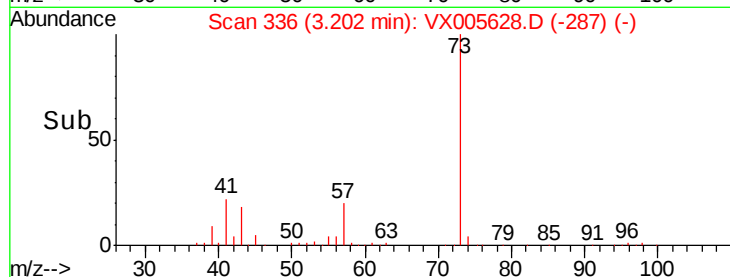
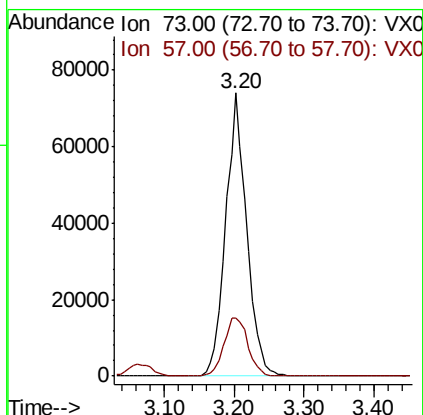
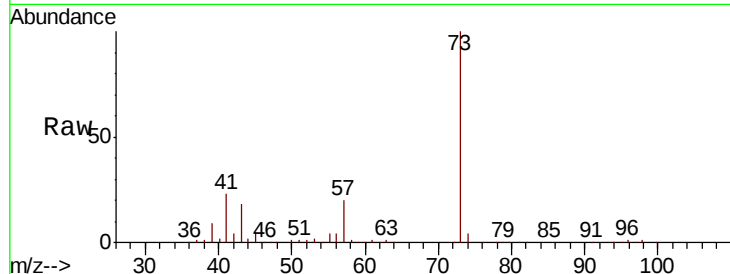


#19

Methyl tert-butyl Ether
 Concen: 20.726 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS02

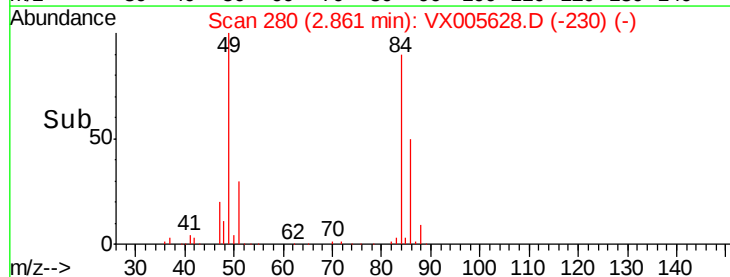
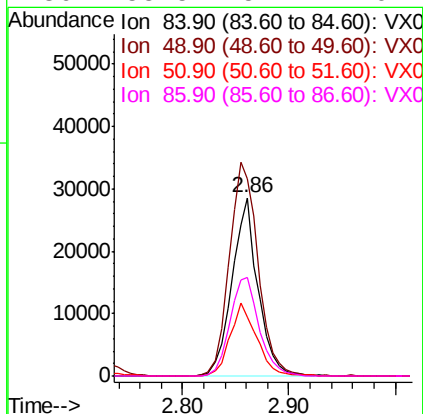
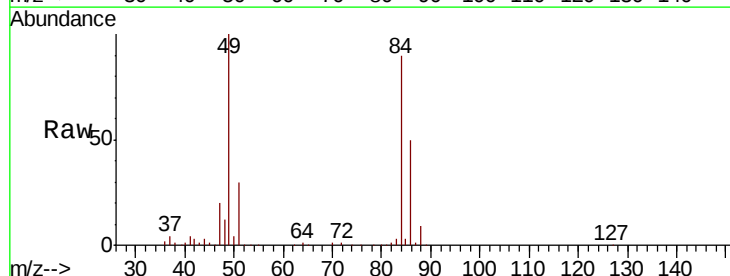
Tot Ion: 73 Resp: 154345
 Ion Ratio Lower Upper
 73 100
 57 20.4 18.8 28.2

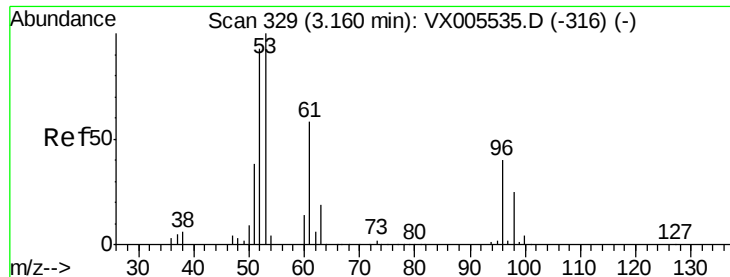


#20

Methylene Chloride
 Concen: 20.307 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Tgt Ion: 84 Resp: 48788
 Ion Ratio Lower Upper
 84 100
 49 110.9 109.5 164.3
 51 33.2 33.3 49.9#
 86 55.5 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 20.266 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

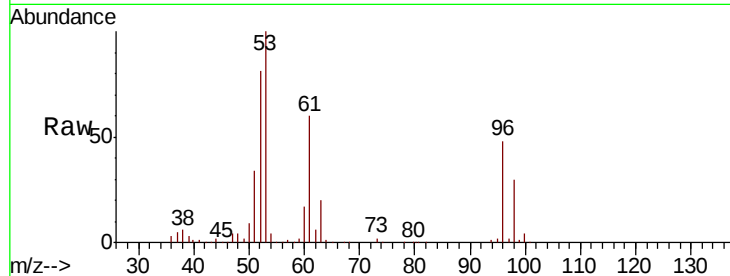
Tot Ion: 96 Resp: 46193

Ion Ratio Lower Upper

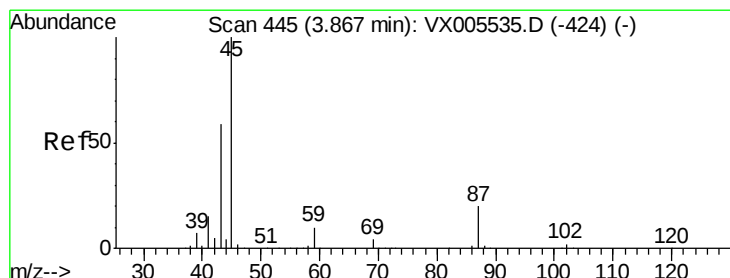
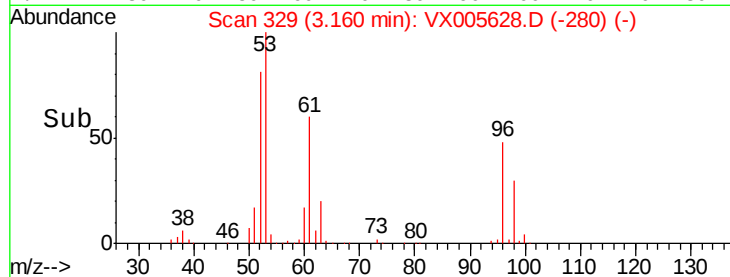
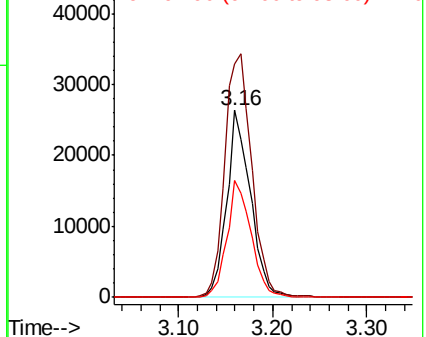
96 100

61 124.8 115.6 173.4

98 62.5 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.944 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Tgt Ion: 45 Resp: 170406

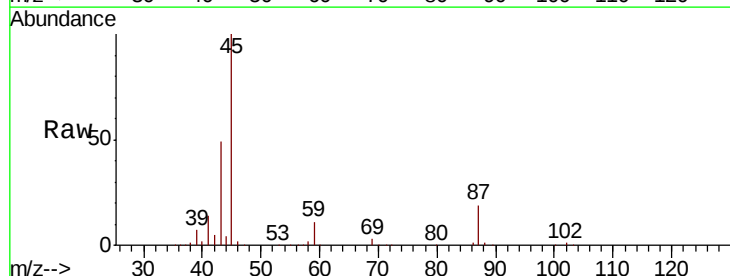
Ion Ratio Lower Upper

45 100

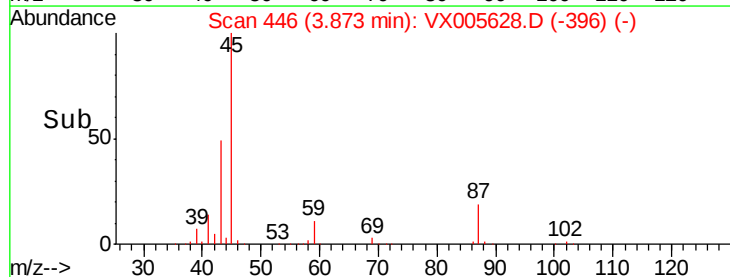
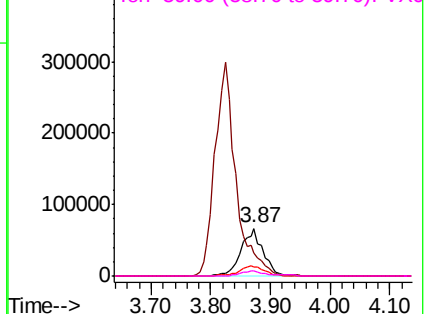
43 48.8 47.4 71.2

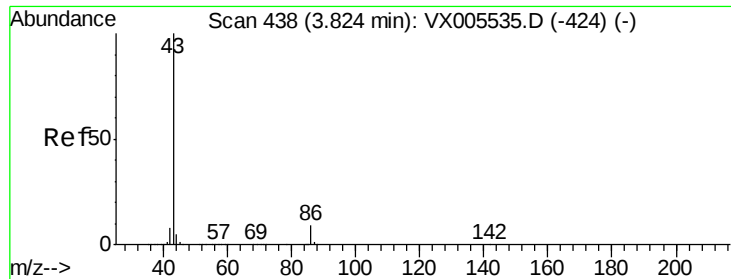
87 18.9 15.9 23.9

59 10.5 7.7 11.5



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 102.258 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

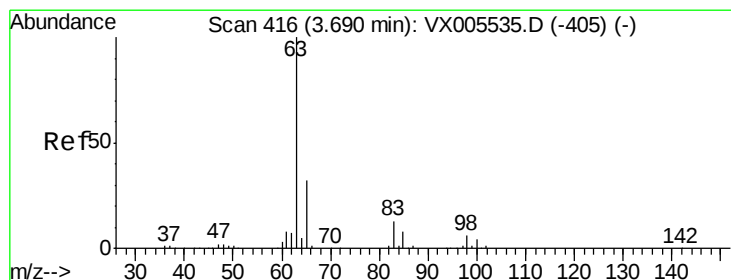
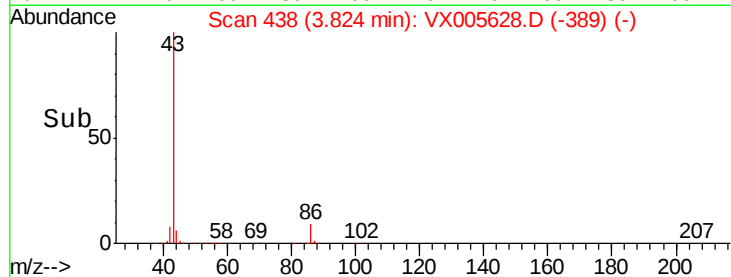
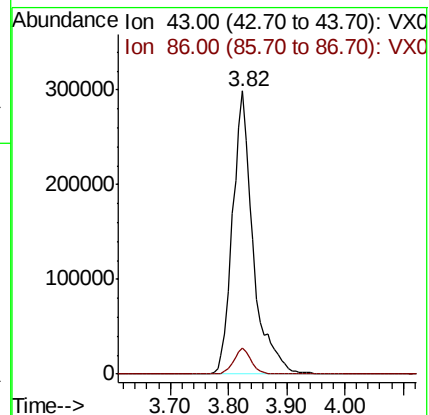
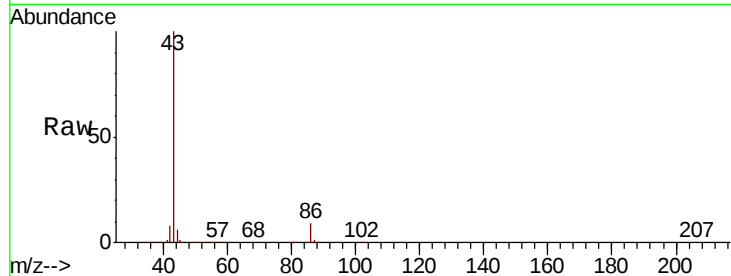
VX1026WBS02

Tot Ion: 43 Resp: 732747

Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.2



#24

1,1-Dichloroethane

Concen: 20.739 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

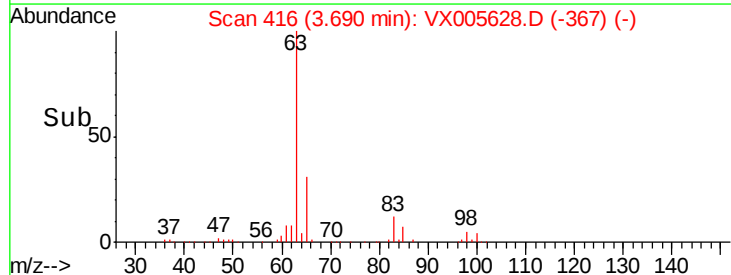
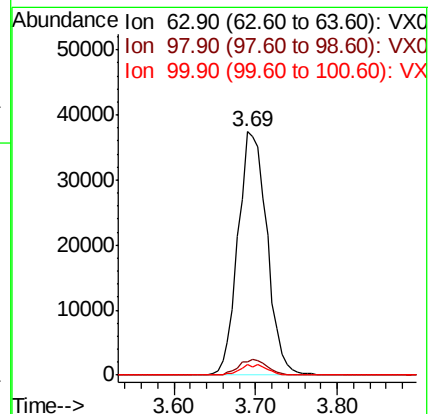
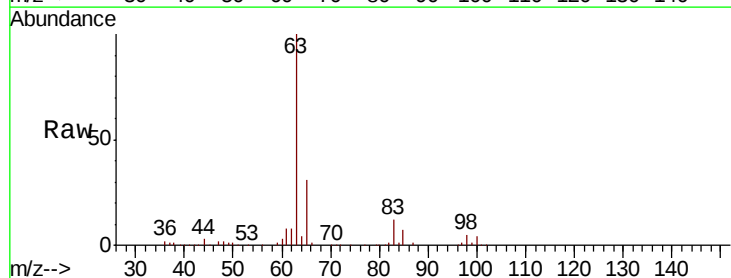
Tgt Ion: 63 Resp: 91739

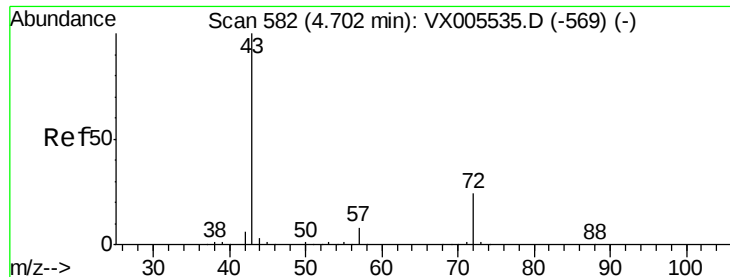
Ion Ratio Lower Upper

63 100

98 5.3 3.2 9.6

100 4.1 2.1 6.2





#25

2-Butanone

Concen: 106.307 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

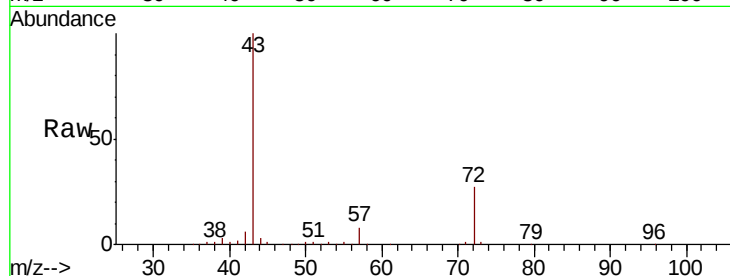
VX1026WBS02

Tot Ion: 43 Resp: 232226

Ion Ratio Lower Upper

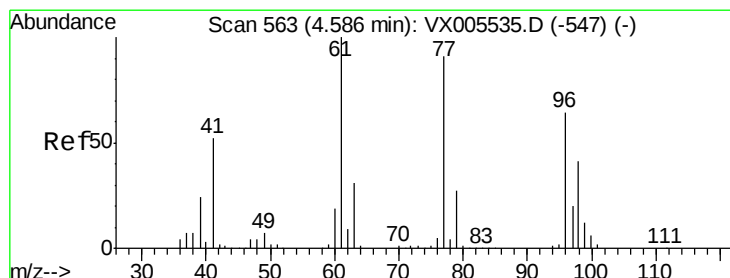
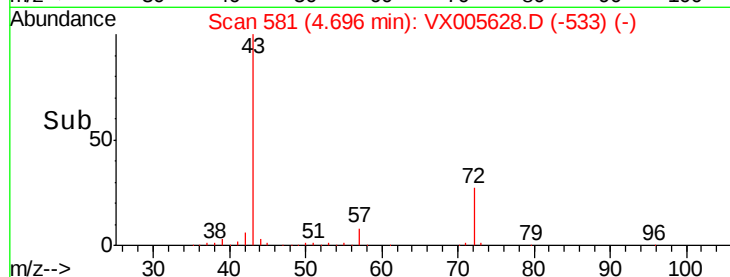
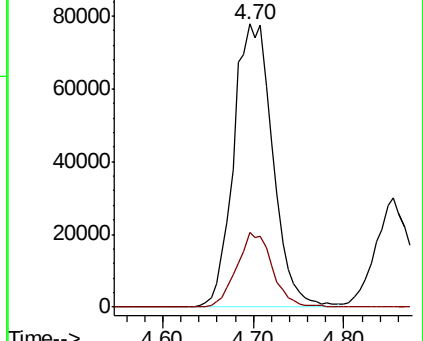
43 100

72 26.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 15.538 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX005628.D

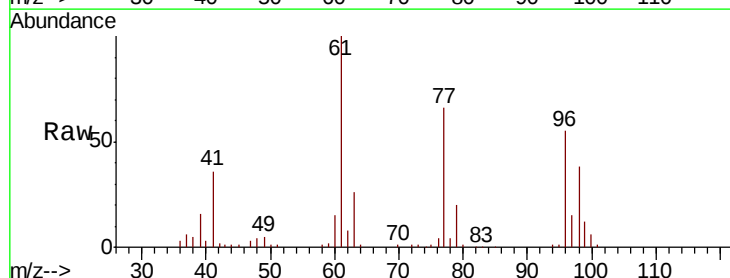
Acq: 27 Oct 2018 02:28

Tgt Ion: 77 Resp: 53065

Ion Ratio Lower Upper

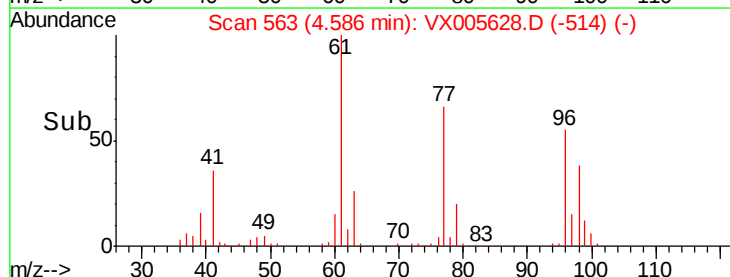
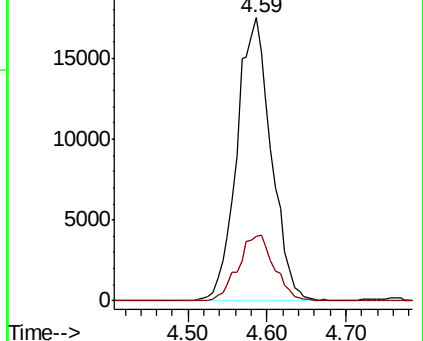
77 100

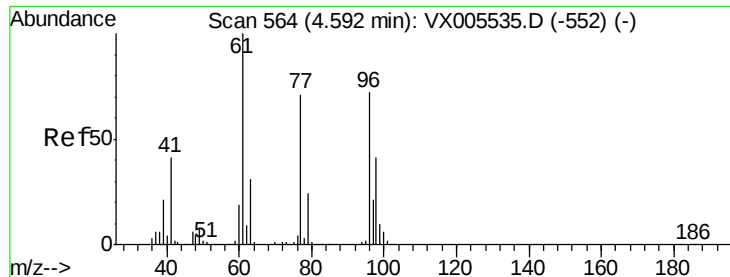
97 24.3 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



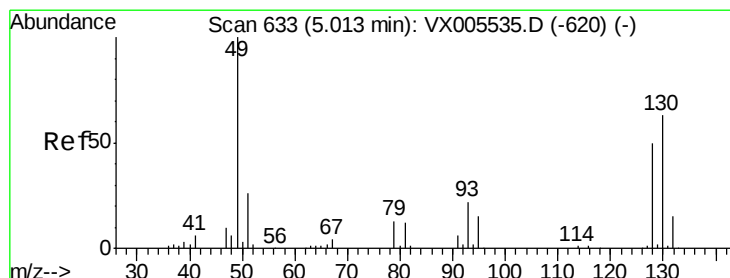
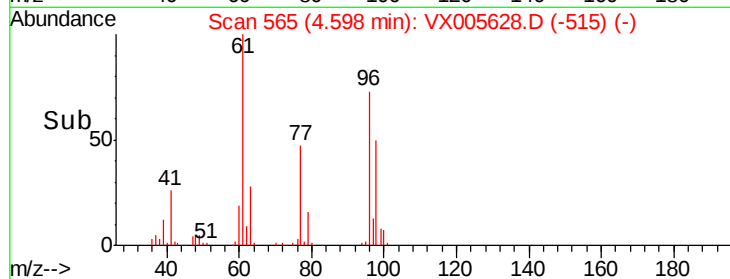
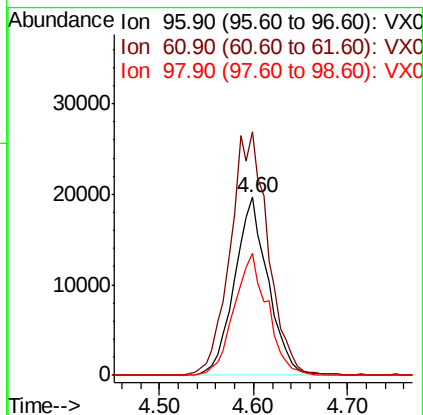
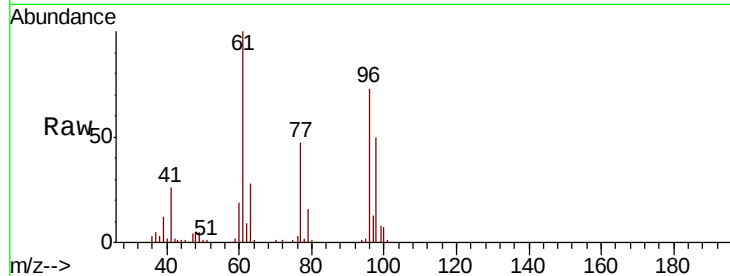


#27

cis-1,2-Dichloroethene
 Concen: 19.913 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS02

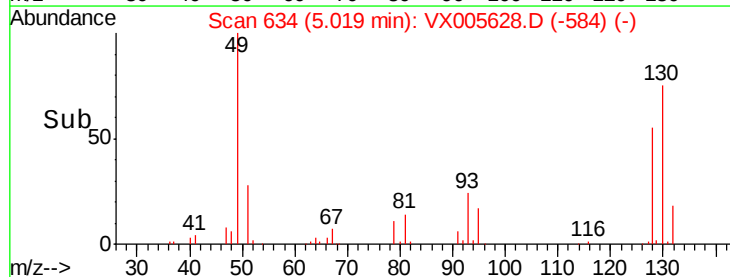
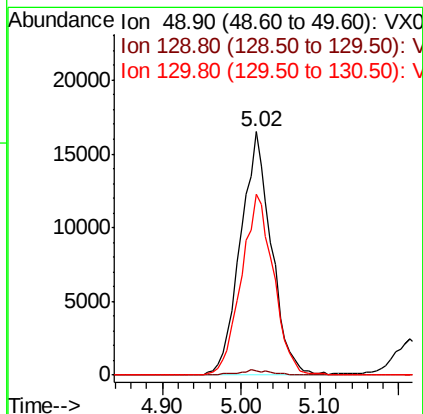
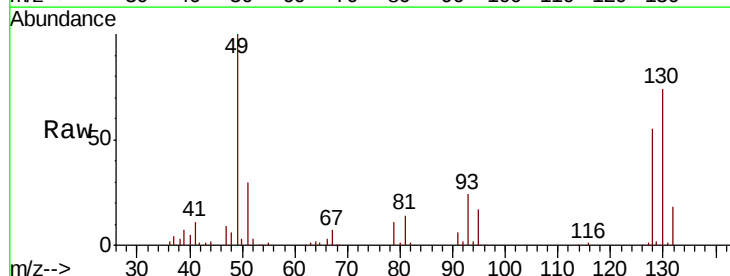
Tot Ion	Ratio	Lower	Upper
96	100		
61	153.9	0.0	304.6
98	68.6	0.0	127.4

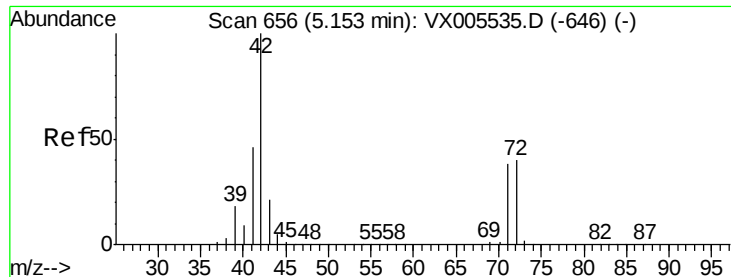


#28

Bromochloromethane
 Concen: 21.086 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	76.9	58.9	88.3

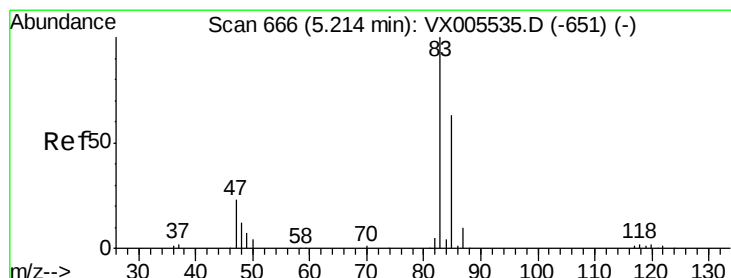
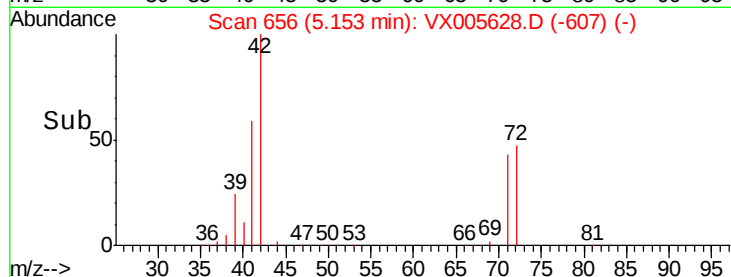
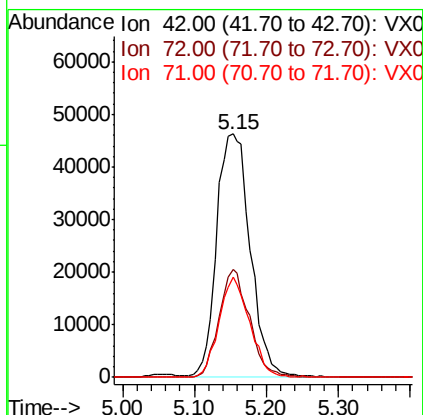
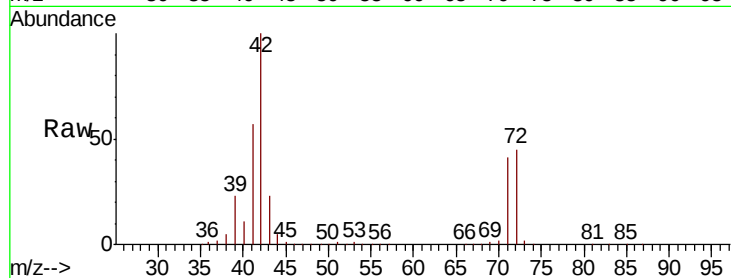




#29
Tetrahydrofuran
Concen: 104.564 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

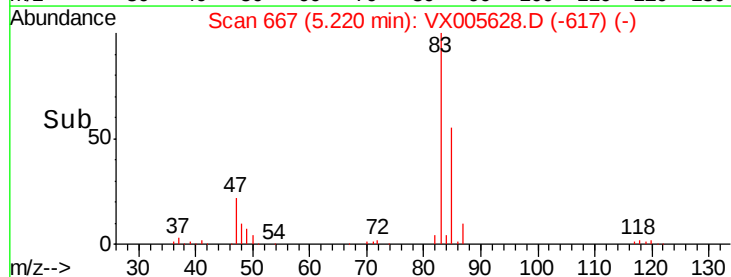
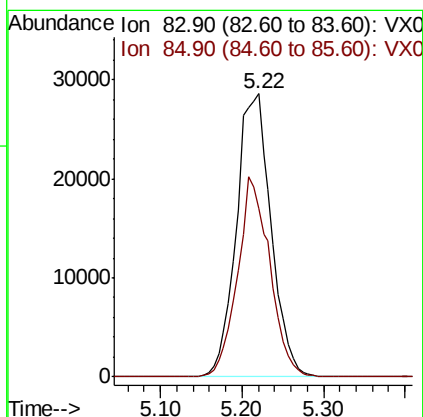
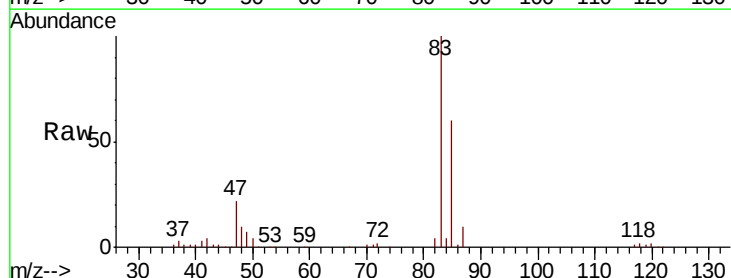
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

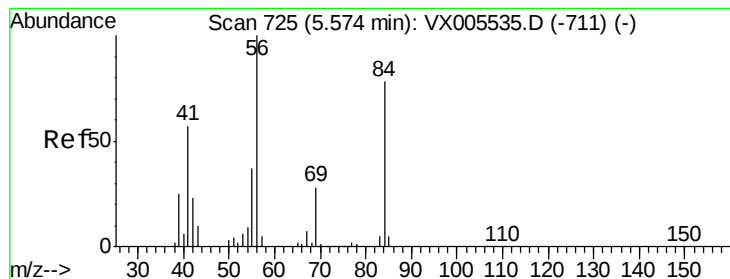
Tot Ion: 42 Resp: 148650
Ion Ratio Lower Upper
42 100
72 40.4 32.0 48.0
71 37.8 29.8 44.8



#30
Chloroform
Concen: 20.406 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion: 83 Resp: 84435
Ion Ratio Lower Upper
83 100
85 59.6 50.6 76.0





#31

Cyclohexane

Concen: 20.295 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

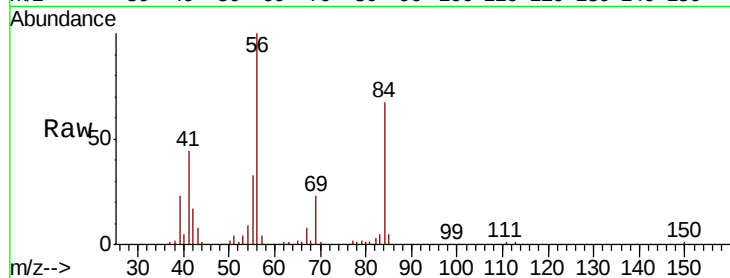
Tot Ion: 56 Resp: 74280

Ion Ratio Lower Upper

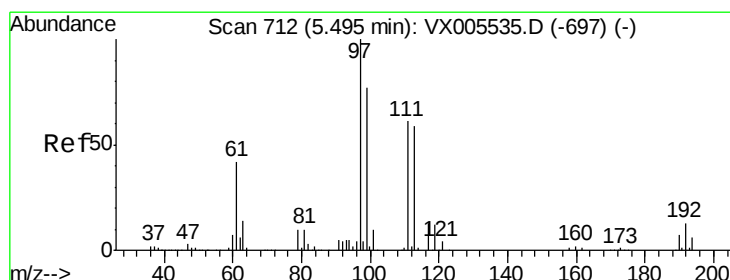
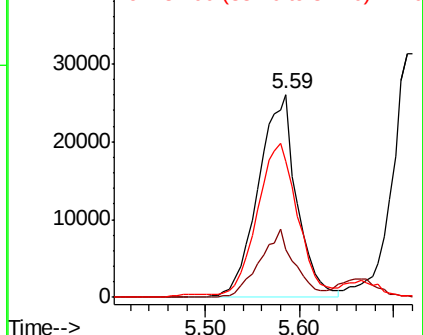
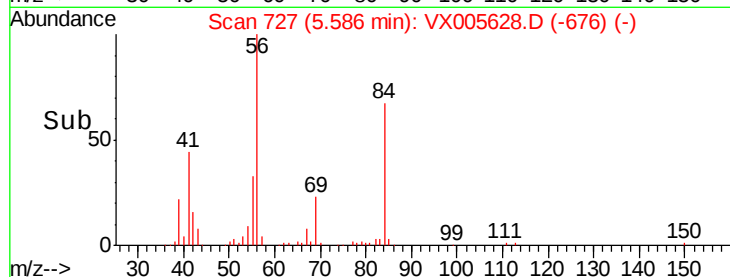
56 100

69 23.3 22.6 34.0

84 65.6 62.7 94.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.947 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

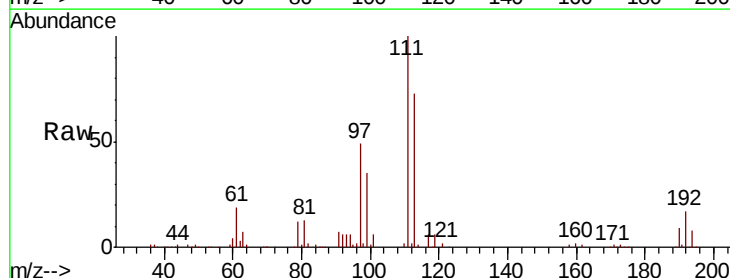
Tgt Ion: 97 Resp: 72848

Ion Ratio Lower Upper

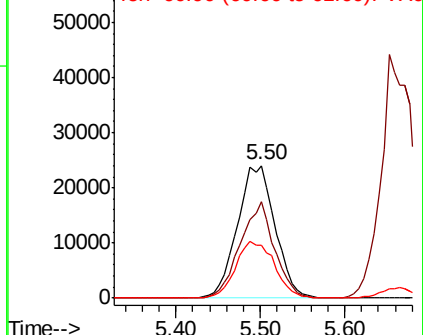
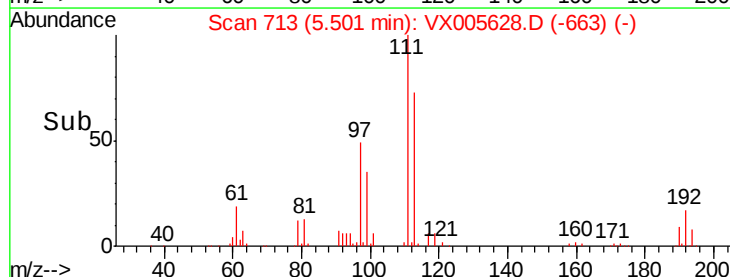
97 100

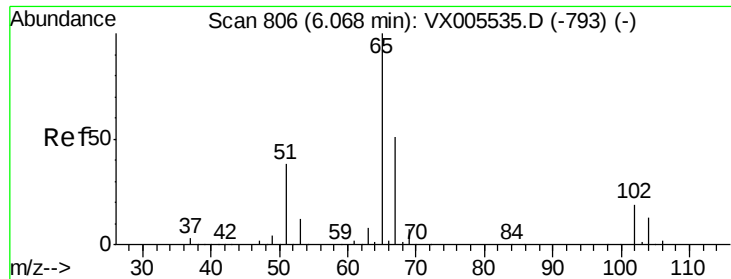
99 66.1 52.3 78.5

61 43.9 35.2 52.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.306 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

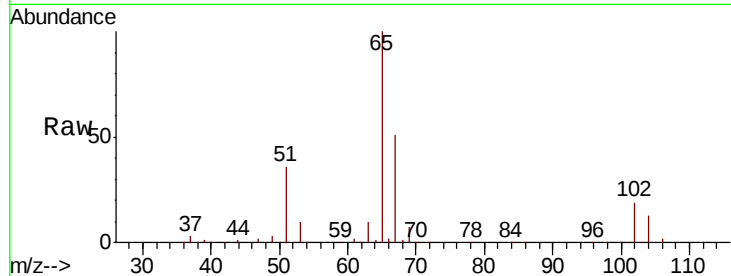
VX1026WBS02

Tot Ion: 65 Resp: 133854

Ion Ratio Lower Upper

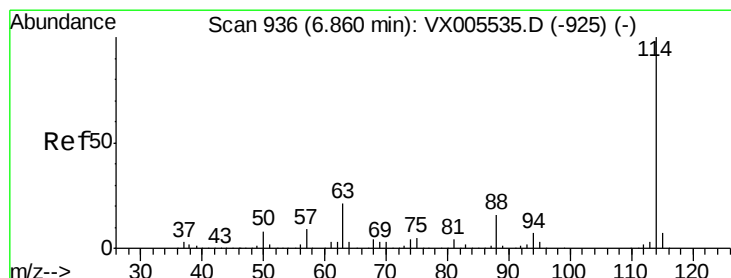
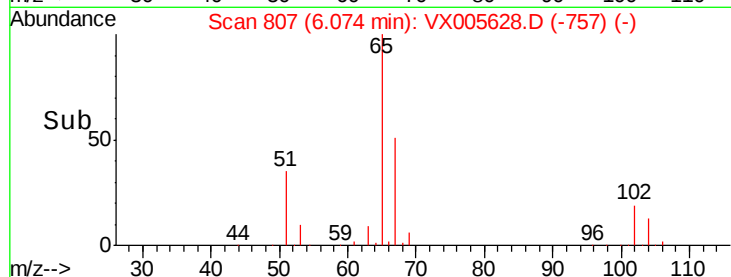
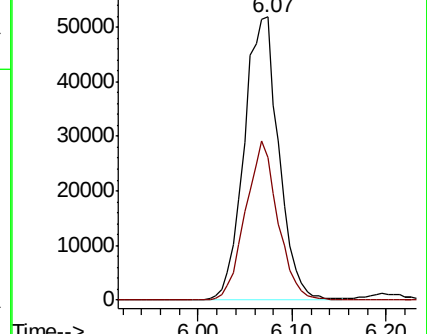
65 100

67 52.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

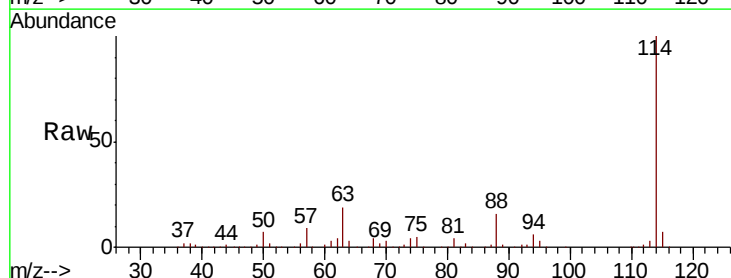
Tgt Ion: 114 Resp: 333616

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.8

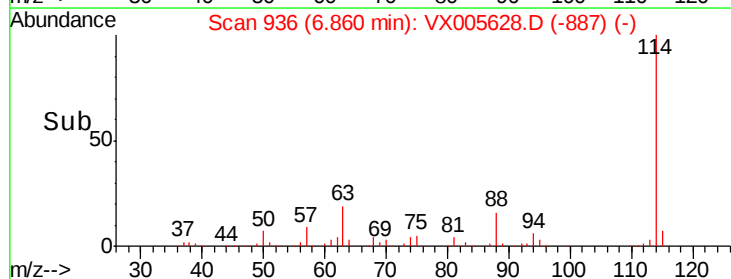
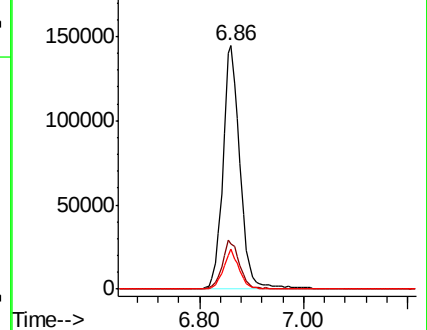
88 16.3 0.0 31.2

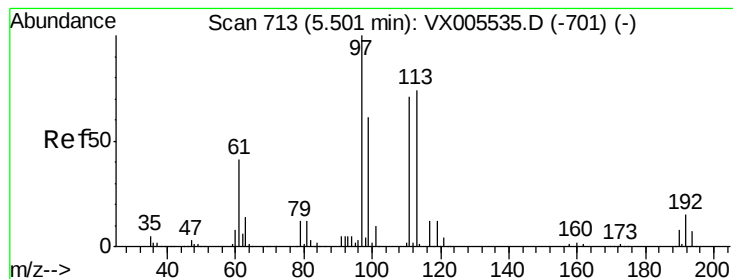


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.788 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

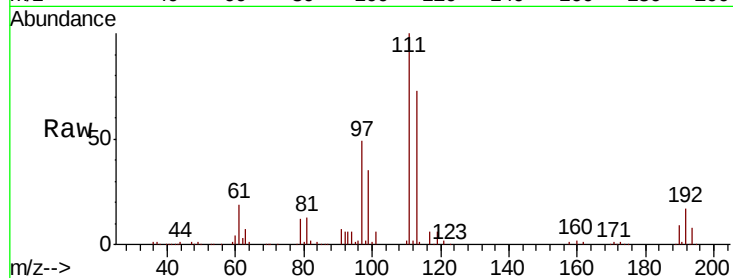
Tot Ion:113 Resp: 103433

Ion Ratio Lower Upper

113 100

111 109.7 82.3 123.5

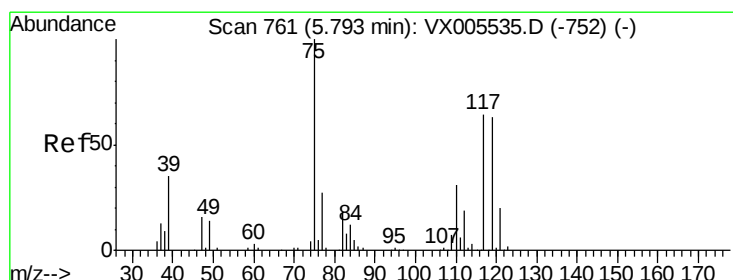
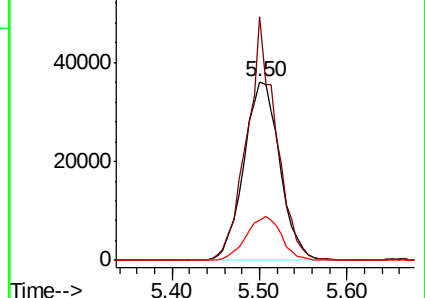
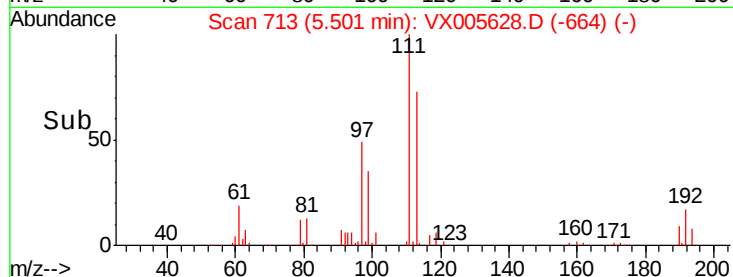
192 24.2 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.980 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

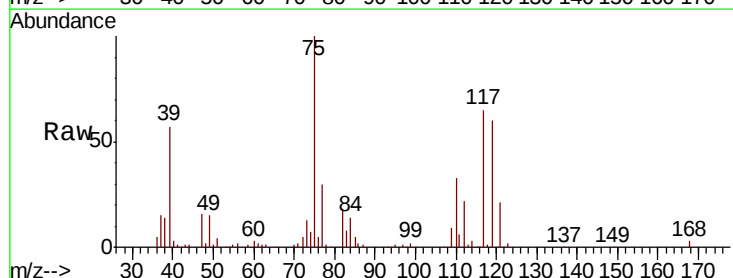
Tgt Ion: 75 Resp: 58212

Ion Ratio Lower Upper

75 100

110 37.5 17.4 52.2

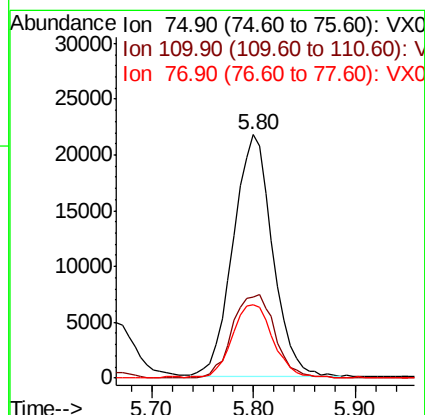
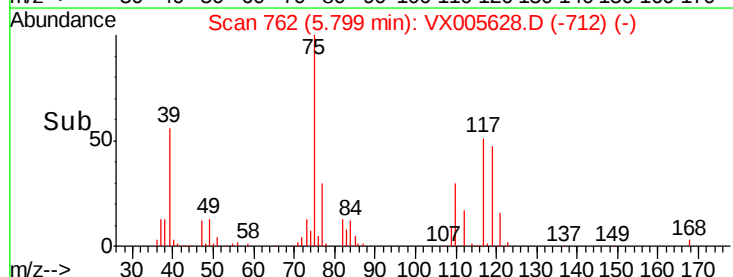
77 32.2 25.8 38.6

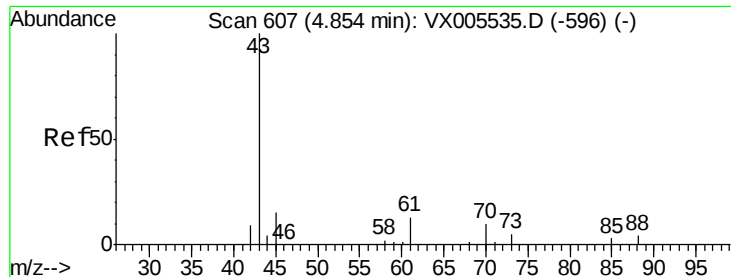


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

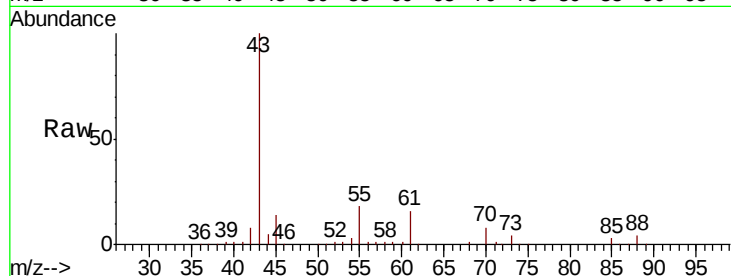




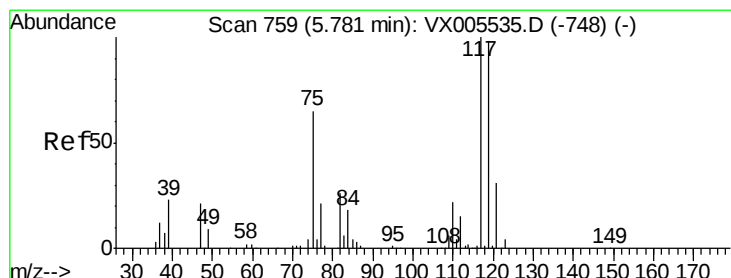
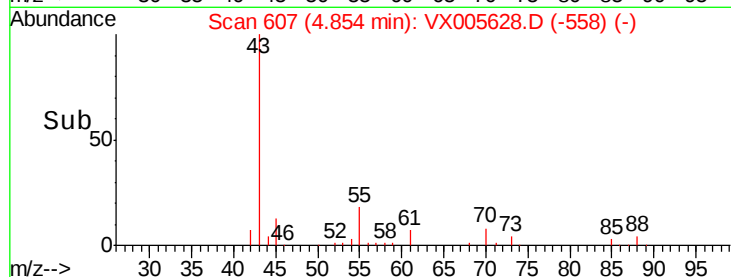
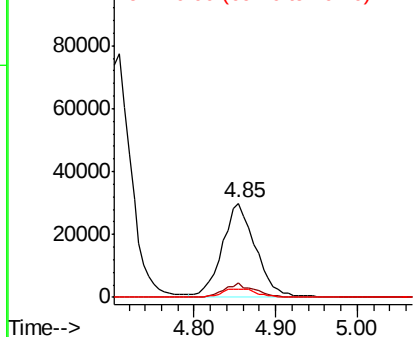
#37
Ethyl Acetate
Concen: 20.222 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampled :
VX1026WBS02

Tot Ion: 43 Resp: 83547
Ion Ratio Lower Upper
43 100
61 13.4 10.8 16.2
70 9.8 7.8 11.8

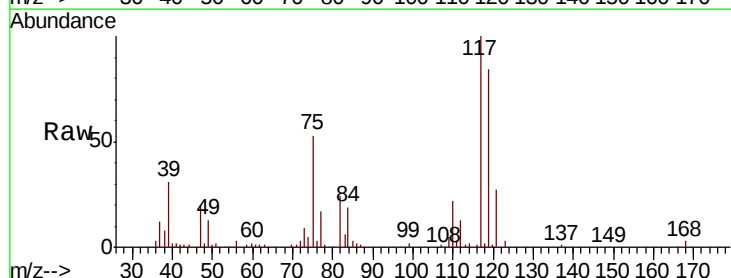


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

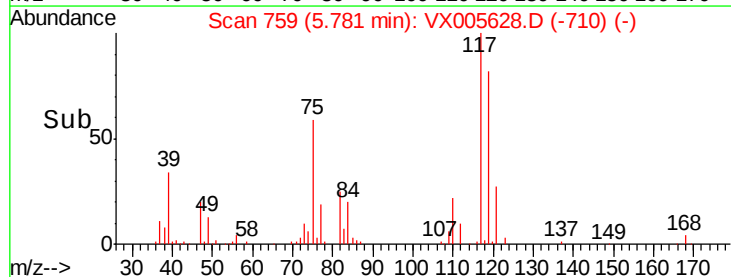
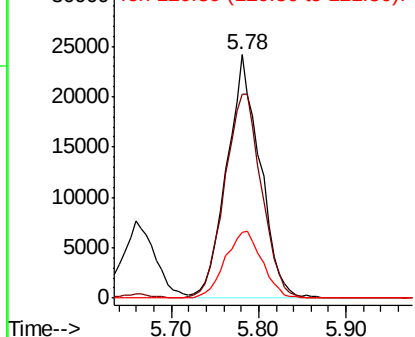


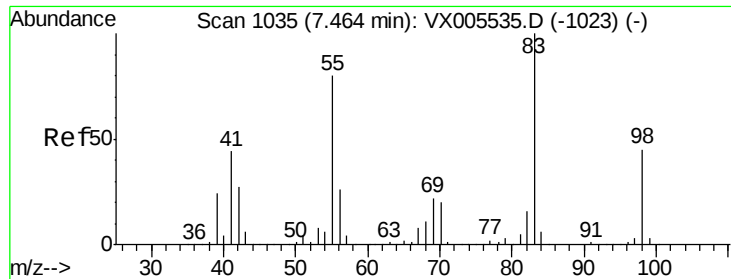
#38
Carbon Tetrachloride
Concen: 18.694 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion: 117 Resp: 63746
Ion Ratio Lower Upper
117 100
119 83.5 78.1 117.1
121 27.1 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

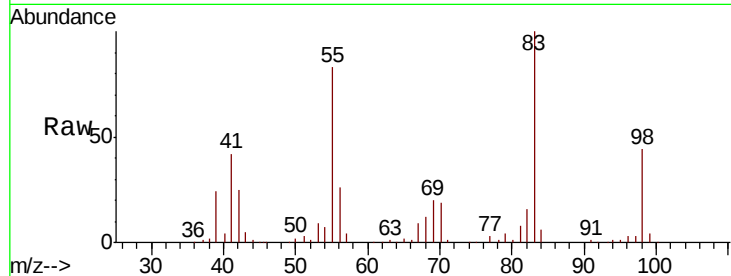




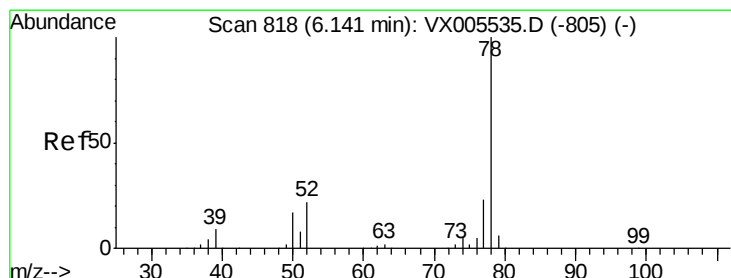
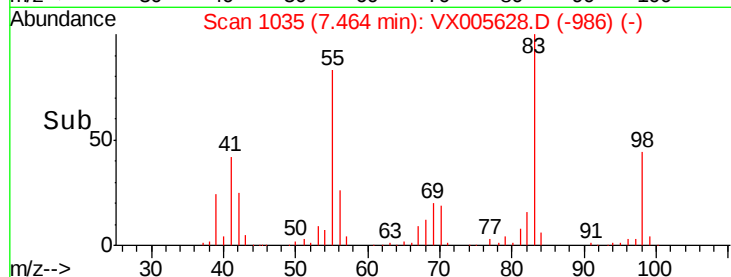
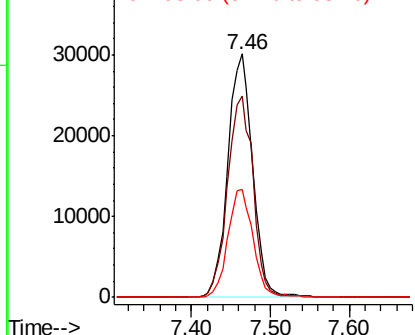
#39
Methvlcvclohexane
Concen: 18.468 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Tot Ion: 83 Resp: 66024
Ion Ratio Lower Upper
83 100
55 82.7 63.7 95.5
98 44.5 36.2 54.2

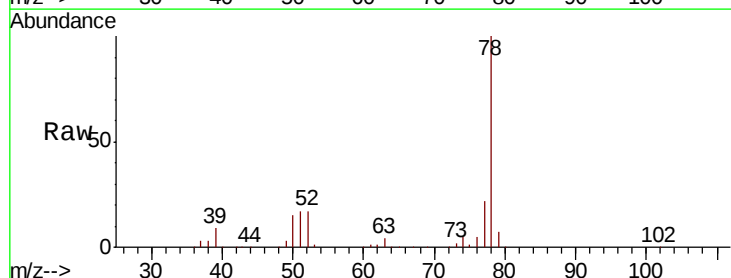


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

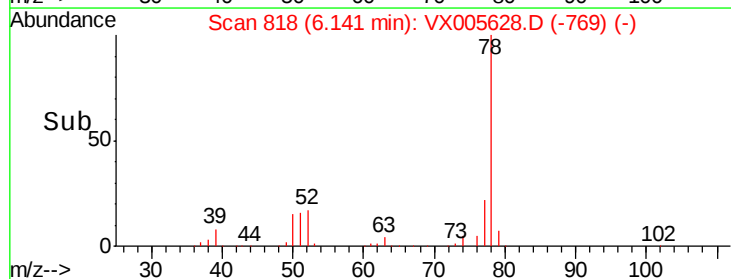
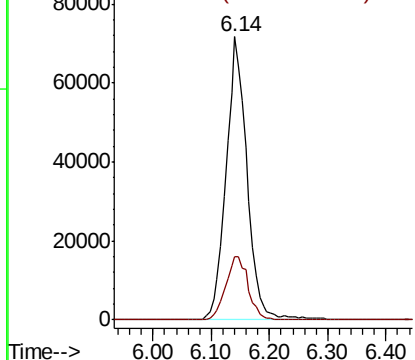


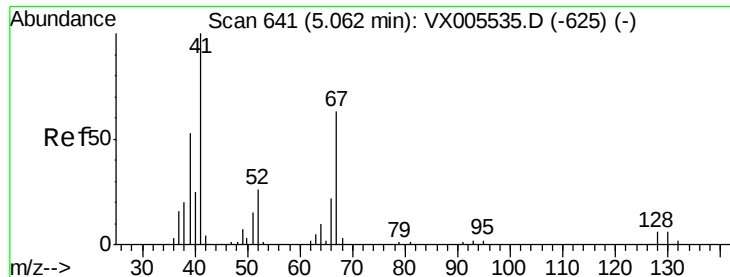
#40
Benzene
Concen: 19.288 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion: 78 Resp: 179006
Ion Ratio Lower Upper
78 100
77 22.4 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

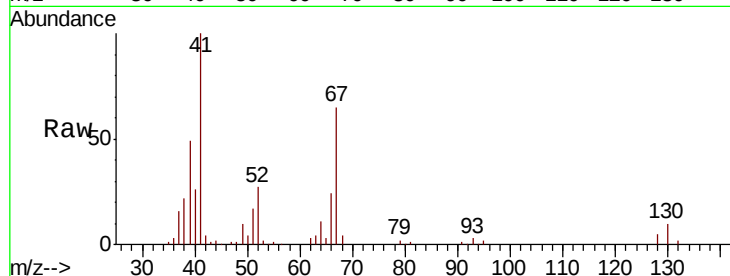




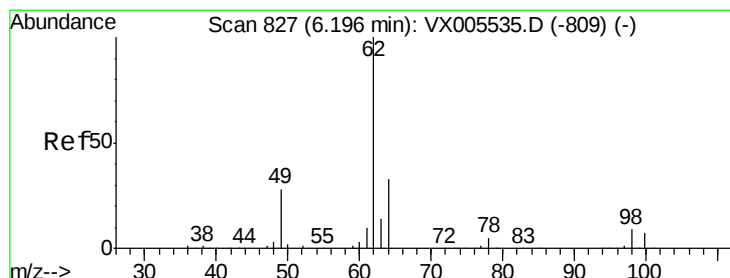
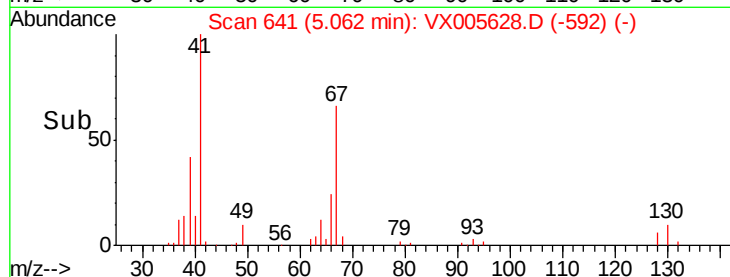
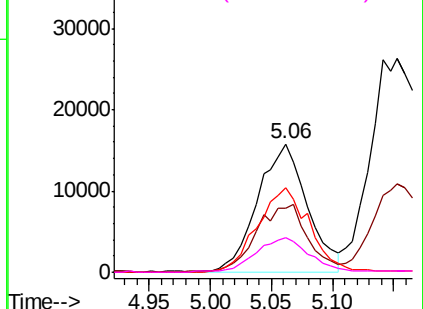
#41
Methacrylonitrile
Concen: 19.240 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Tot Ion:	41	Resp:	44278
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.2	63.2
67	70.1	53.4	80.0
52	29.5	23.4	35.2

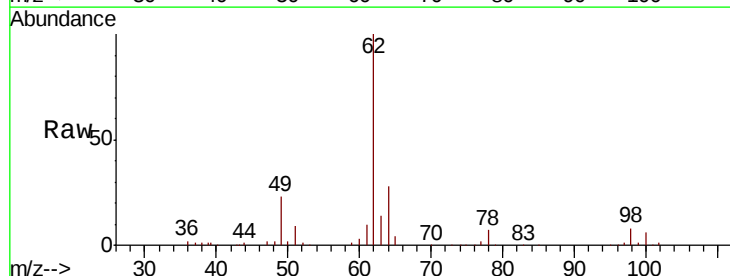


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

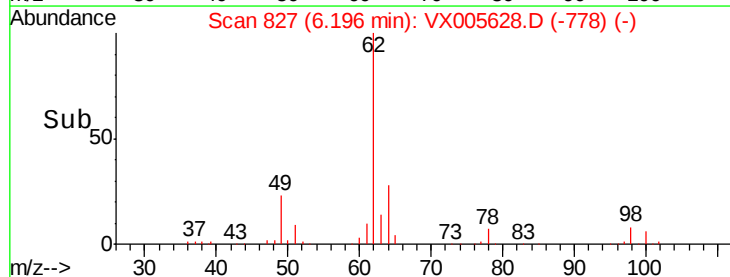
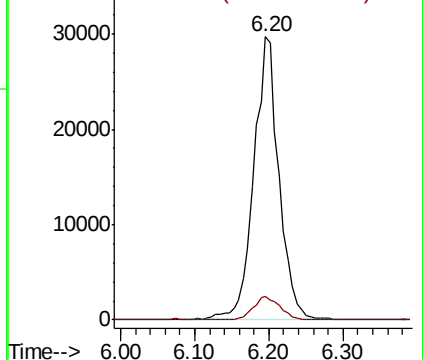


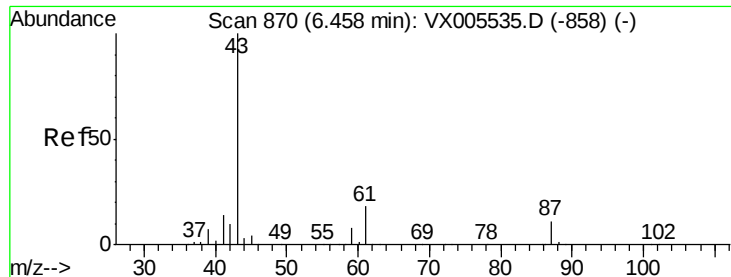
#42
1,2-Dichloroethane
Concen: 20.067 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion:	62	Resp:	70752
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.837 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

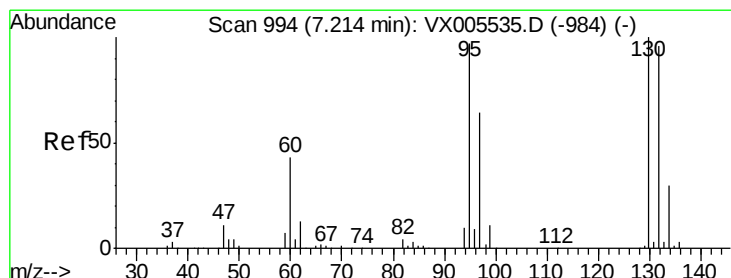
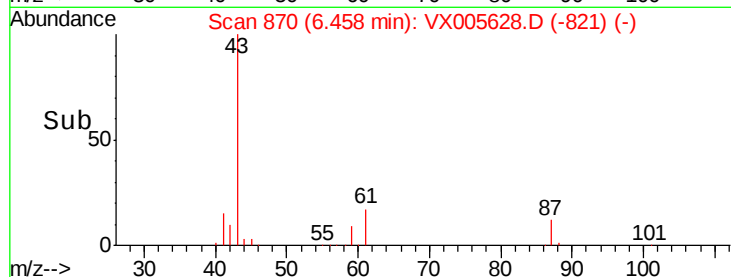
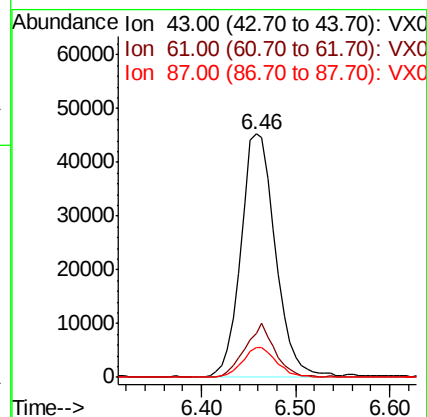
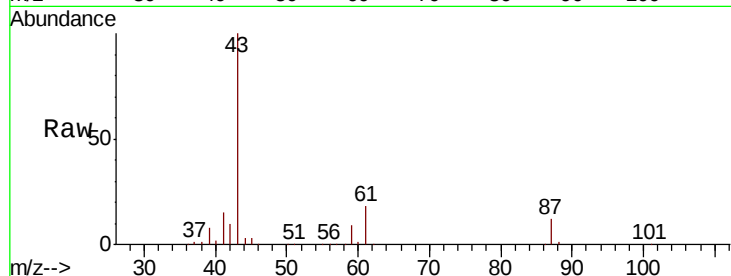
Tot Ion: 43 Resp: 116619

Ion Ratio Lower Upper

43 100

61 19.3 14.6 22.0

87 12.1 9.6 14.4



#44

Trichloroethene

Concen: 19.702 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005628.D

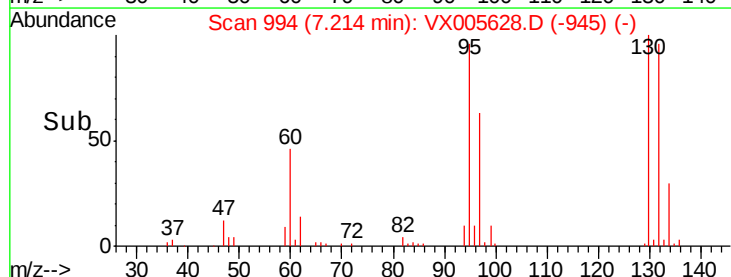
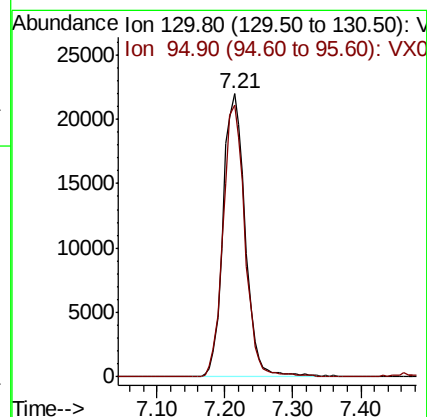
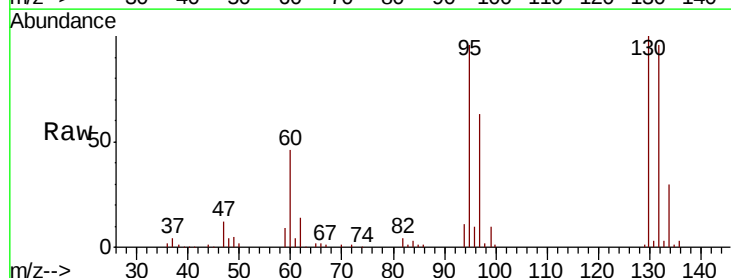
Acq: 27 Oct 2018 02:28

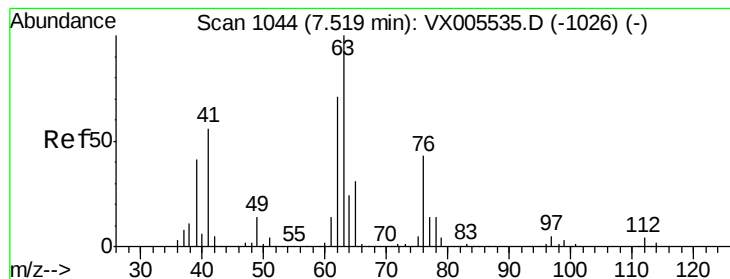
Tgt Ion:130 Resp: 49815

Ion Ratio Lower Upper

130 100

95 96.2 0.0 194.2





#45

1,2-Dichloropropane

Concen: 19.156 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

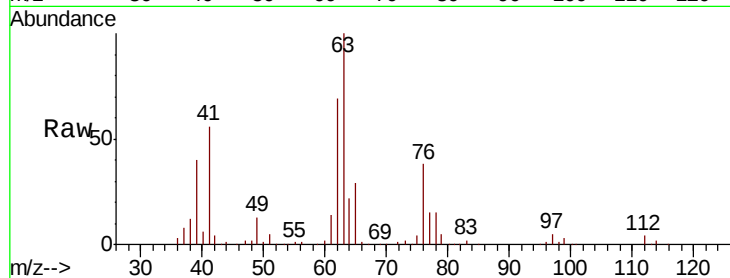
VX1026WBS02

Tot Ion: 63 Resp: 47799

Ion Ratio Lower Upper

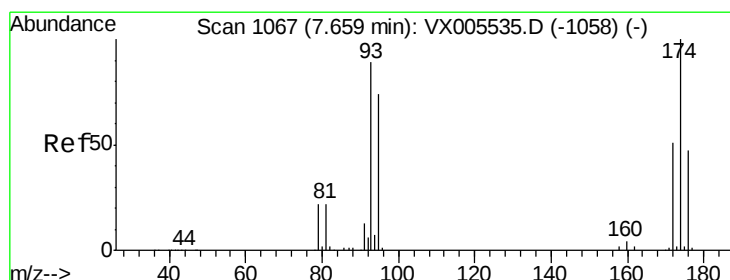
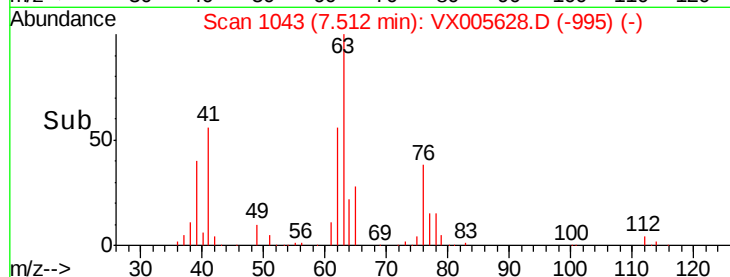
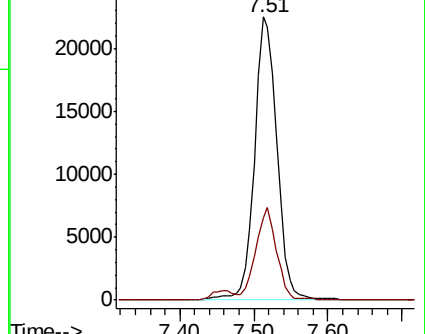
63 100

65 29.3 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.525 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

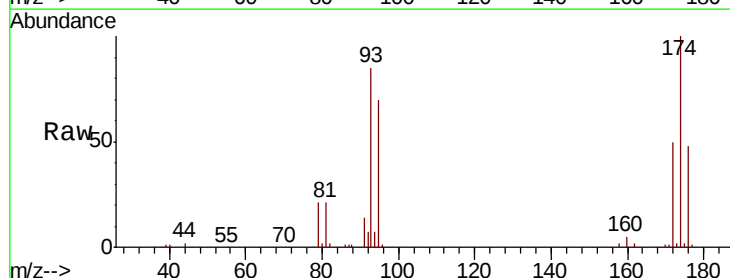
Tgt Ion: 93 Resp: 31466

Ion Ratio Lower Upper

93 100

95 80.2 67.4 101.0

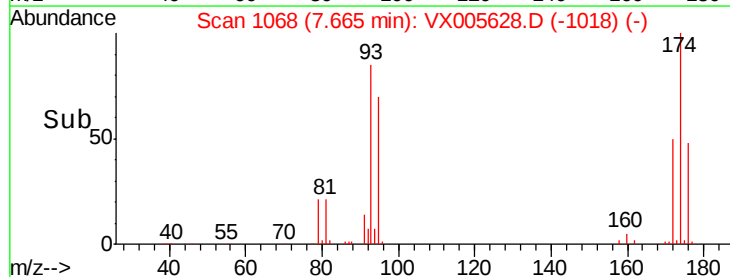
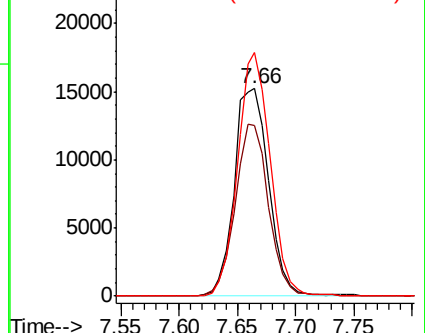
174 111.0 91.5 137.3

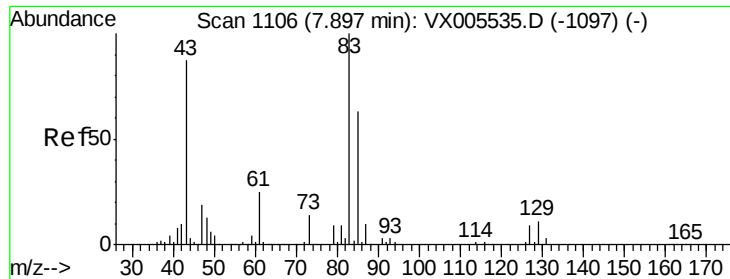


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.566 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

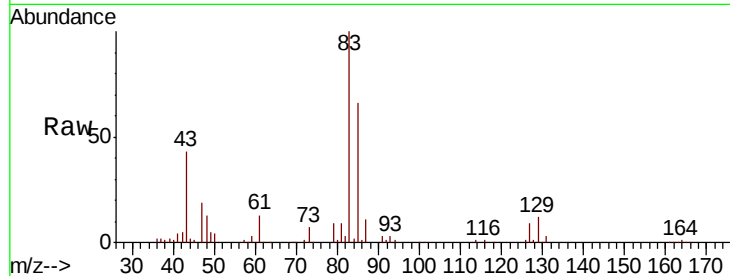
Tot Ion: 83 Resp: 58071

Ion Ratio Lower Upper

83 100

85 65.7 50.2 75.4

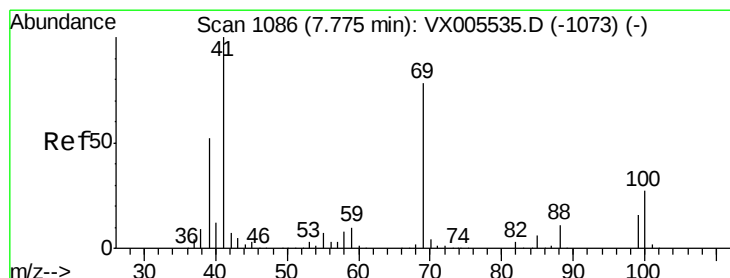
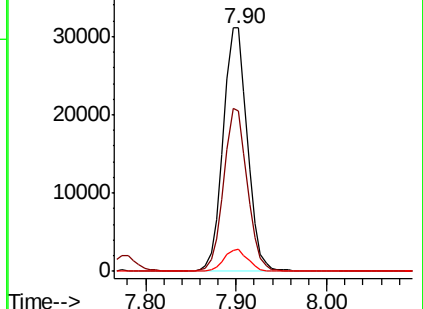
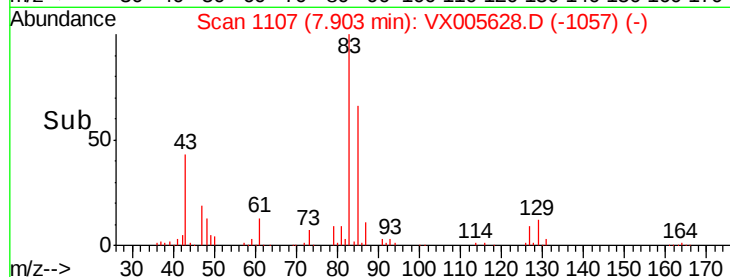
127 9.1 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.335 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

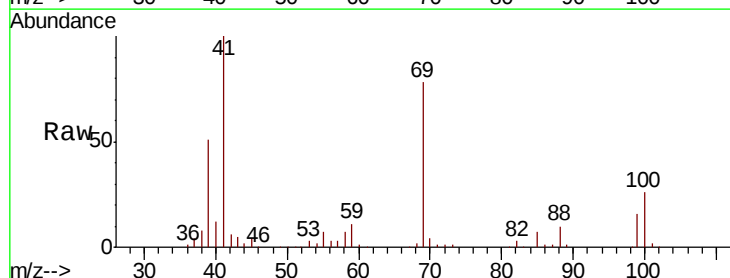
Tgt Ion: 41 Resp: 58316

Ion Ratio Lower Upper

41 100

69 79.7 63.2 94.8

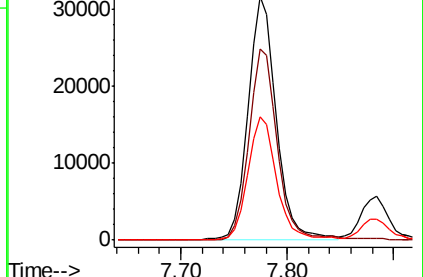
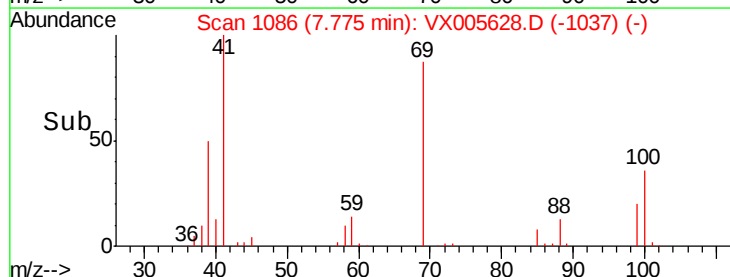
39 52.4 42.2 63.2

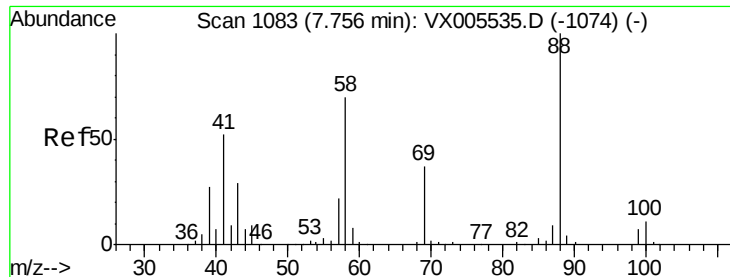


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

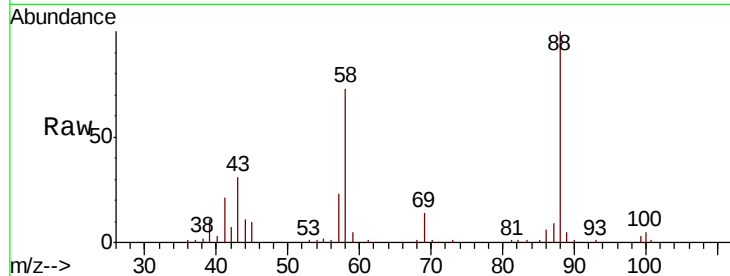




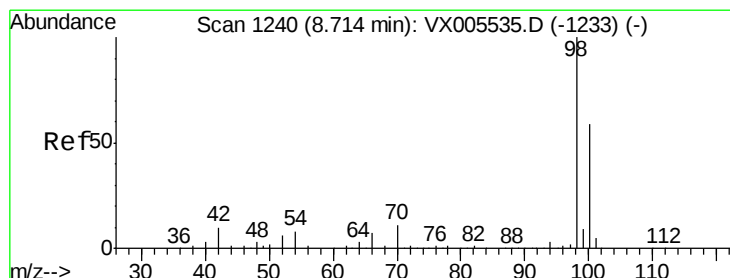
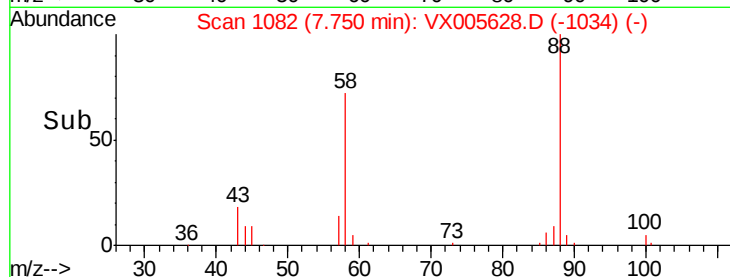
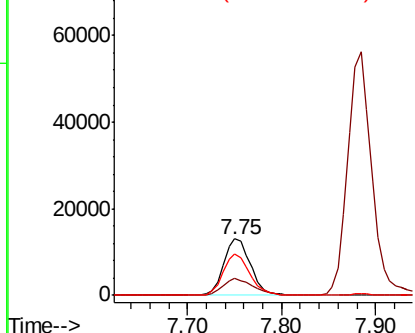
#49
 1,4-Dioxane
 Concen: 390.894 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS02

Tot Ion: 88 Resp: 25764
 Ion Ratio Lower Upper
 88 100
 43 32.8 27.4 41.0
 58 73.2 59.4 89.2

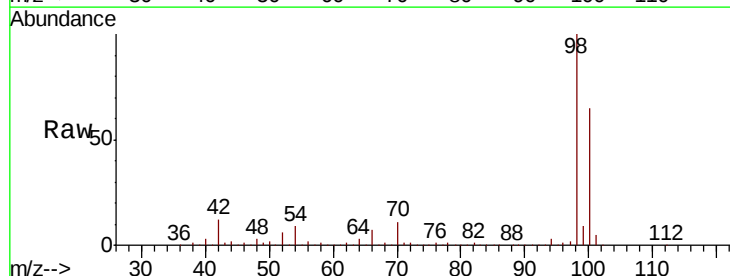


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

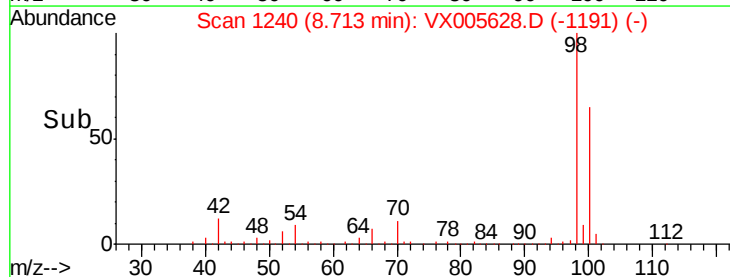
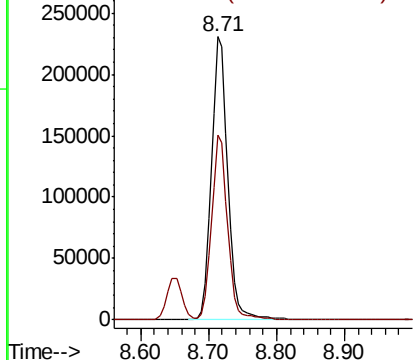


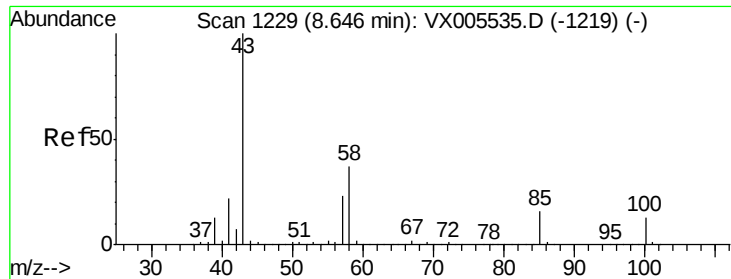
#50
 Toluene-d8
 Concen: 47.156 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Tgt Ion: 98 Resp: 382764
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 97.545 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

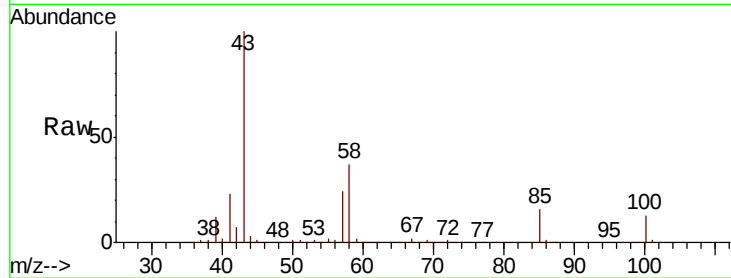
VX1026WBS02

Tot Ion: 43 Resp: 405859

Ion Ratio Lower Upper

43 100

58 36.4 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

250000

200000

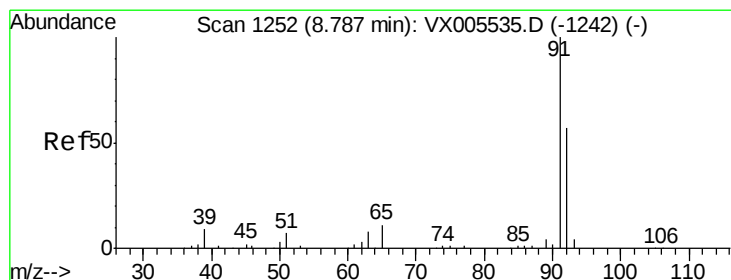
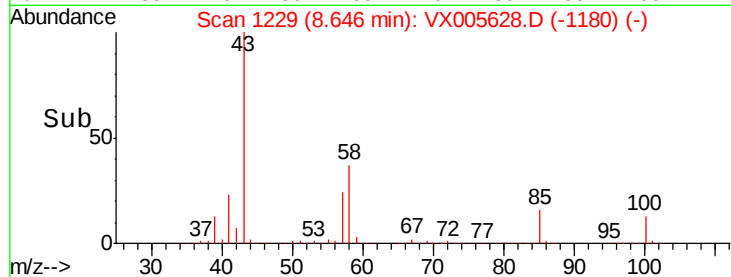
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.625 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005628.D

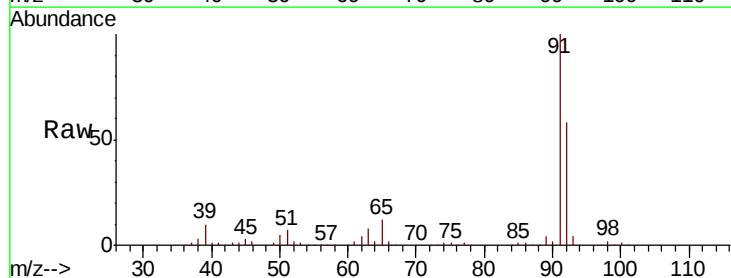
Acq: 27 Oct 2018 02:28

Tgt Ion: 92 Resp: 110697

Ion Ratio Lower Upper

92 100

91 174.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

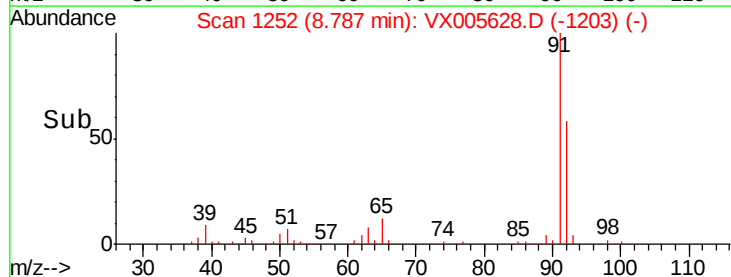
8.79

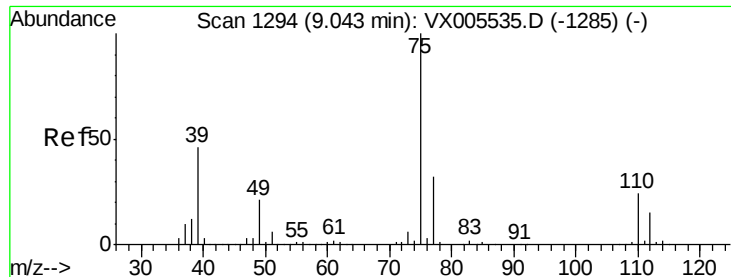
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.034 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

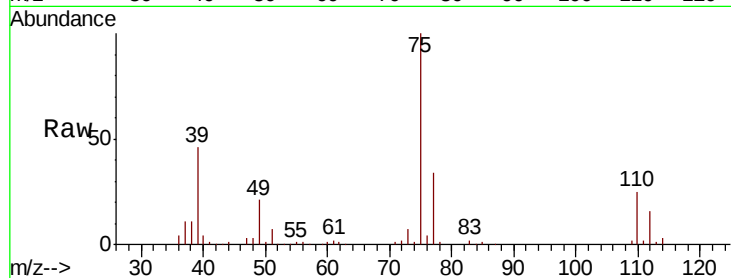
VX1026WBS02

Tot Ion: 75 Resp: 60964

Ion Ratio Lower Upper

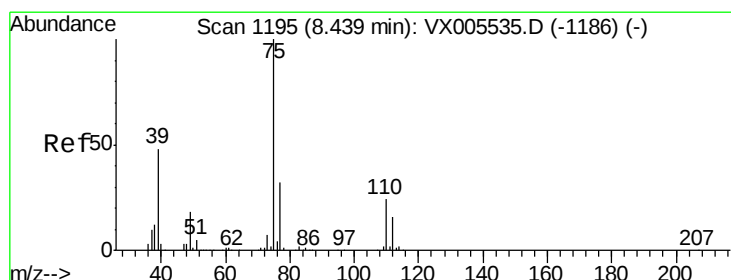
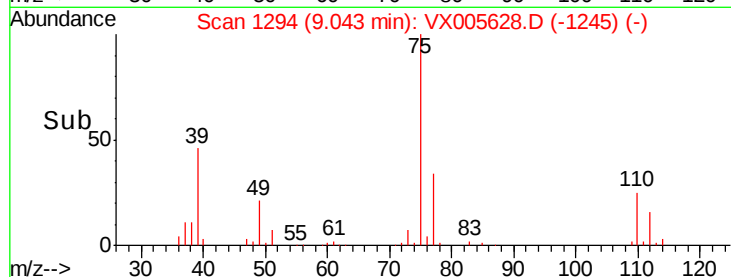
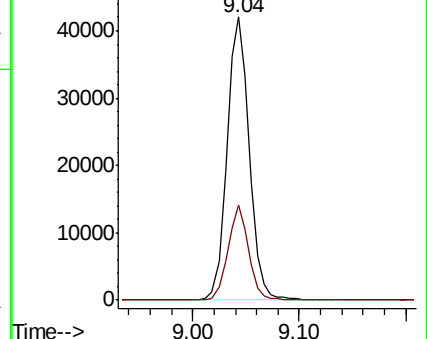
75 100

77 33.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.461 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

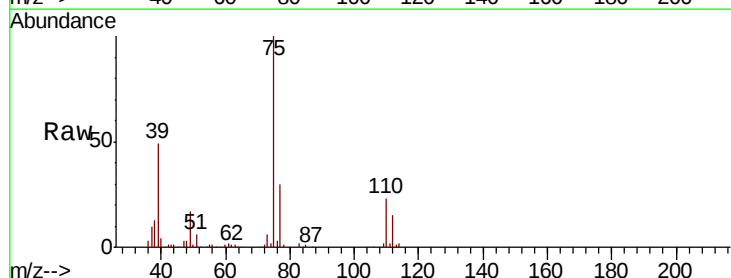
Tgt Ion: 75 Resp: 67189

Ion Ratio Lower Upper

75 100

77 30.2 25.2 37.8

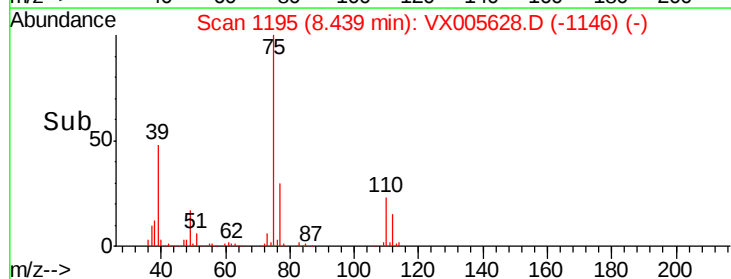
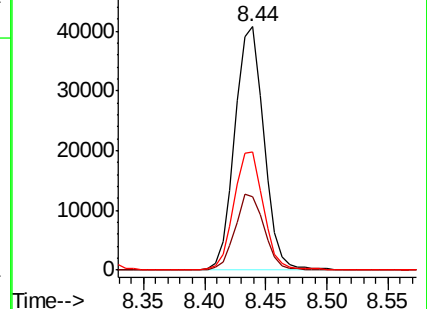
39 48.5 38.2 57.2

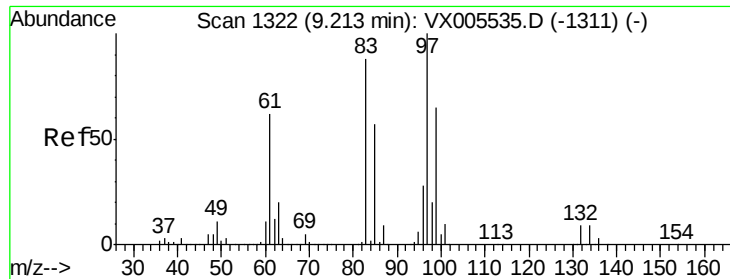


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

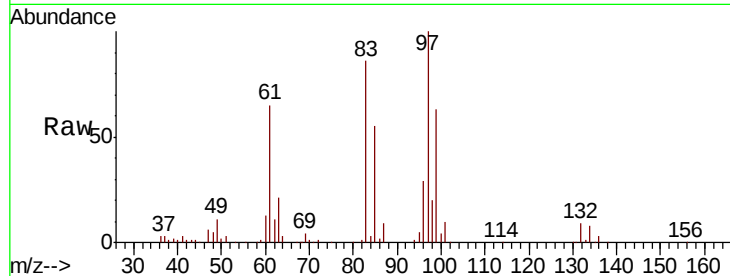




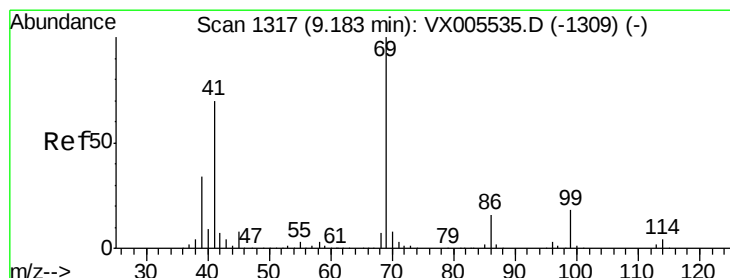
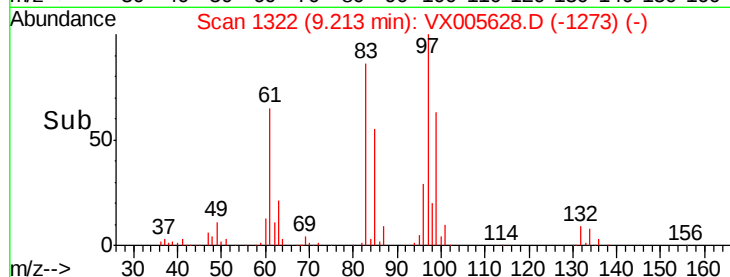
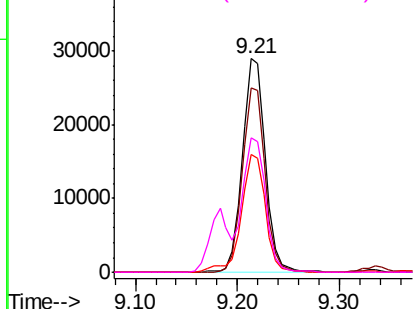
#55
 1,1,2-Trichloroethane
 Concen: 18.965 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS02

Tot Ion: 97 Resp: 45100
 Ion Ratio Lower Upper
 97 100
 83 86.3 70.7 106.1
 85 55.0 45.8 68.6
 99 62.5 51.8 77.8

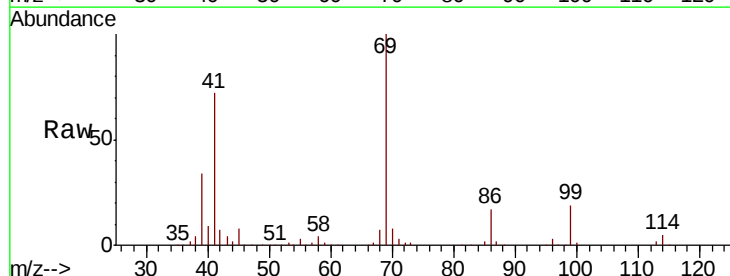


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

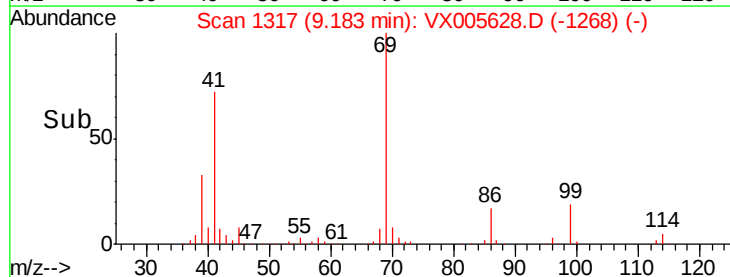
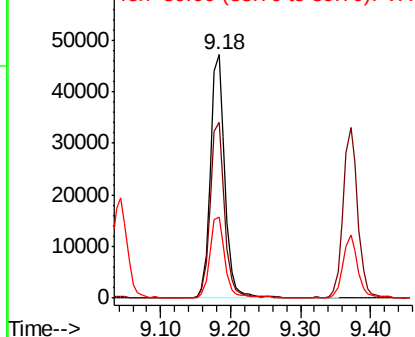


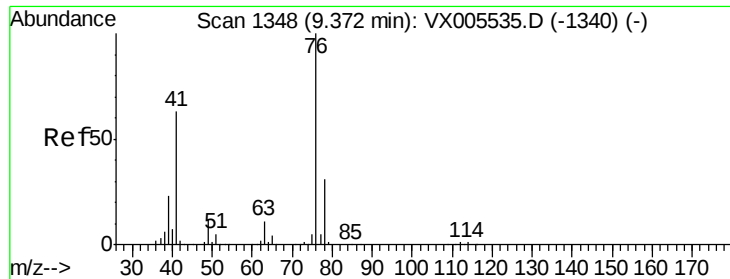
#56
 Ethyl methacrylate
 Concen: 19.102 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Tgt Ion: 69 Resp: 67755
 Ion Ratio Lower Upper
 69 100
 41 71.7 57.0 85.6
 39 34.5 28.3 42.5



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.977 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

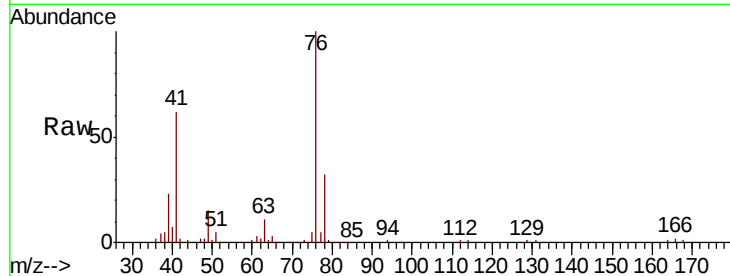
VX1026WBS02

Tot Ion: 76 Resp: 76360

Ion Ratio Lower Upper

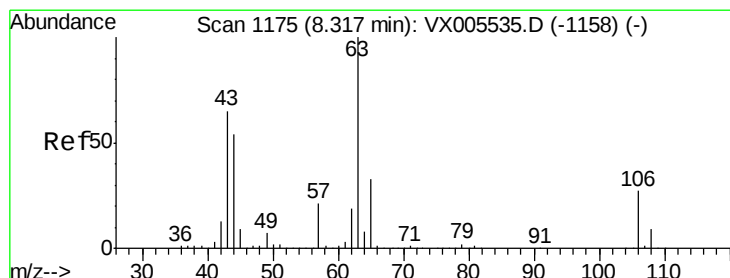
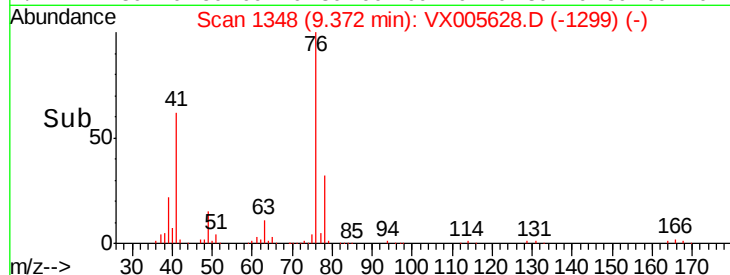
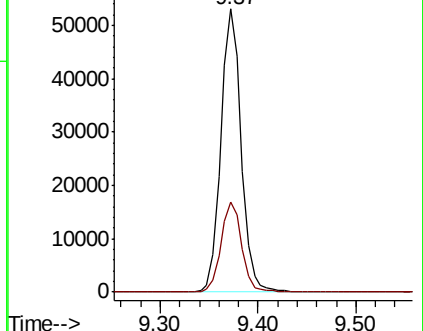
76 100

78 32.3 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 93.670 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005628.D

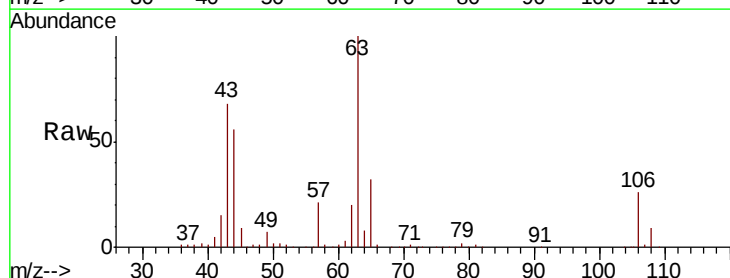
Acq: 27 Oct 2018 02:28

Tgt Ion: 63 Resp: 185569

Ion Ratio Lower Upper

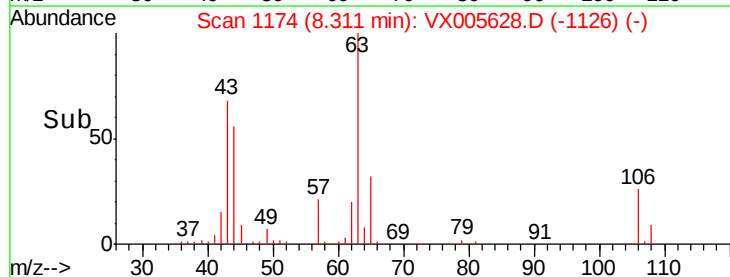
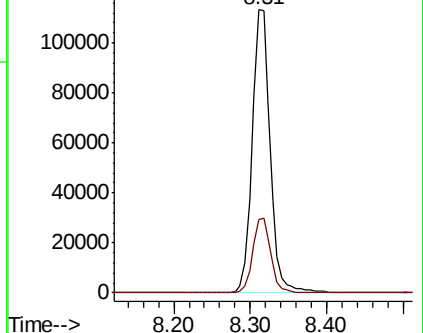
63 100

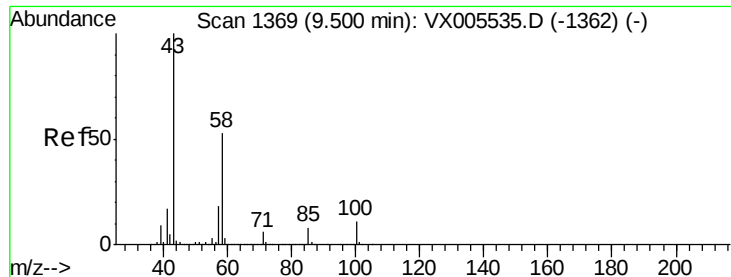
106 26.6 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

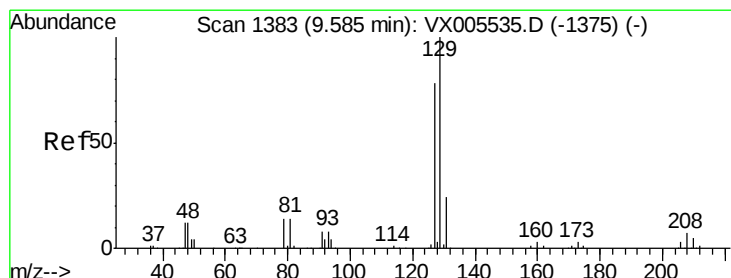
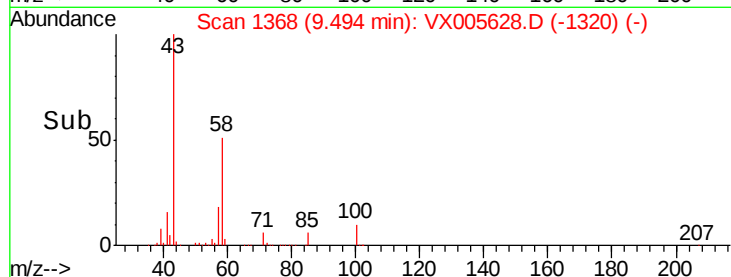
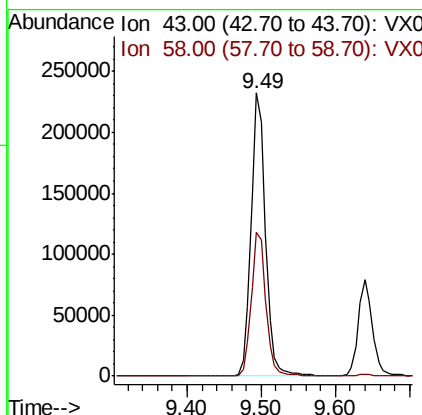
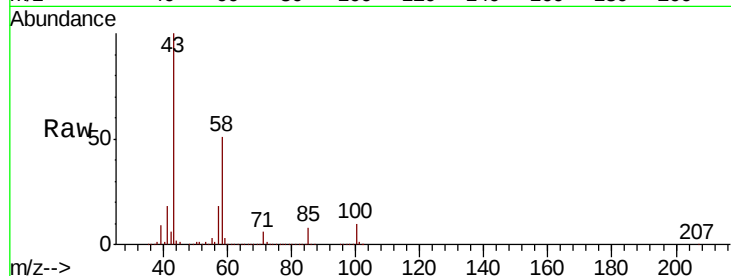




#59
2-Hexanone
Concen: 96.547 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

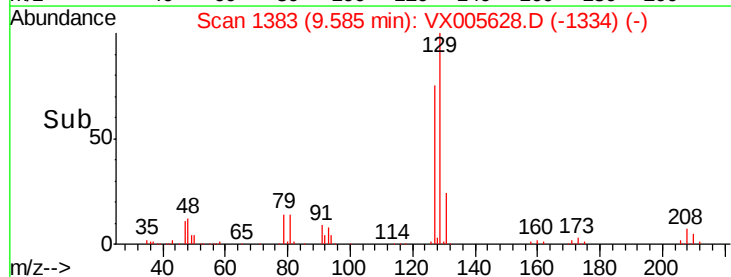
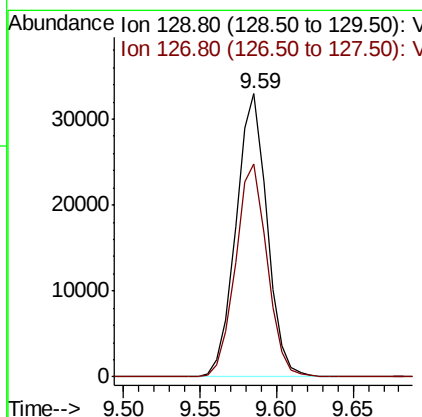
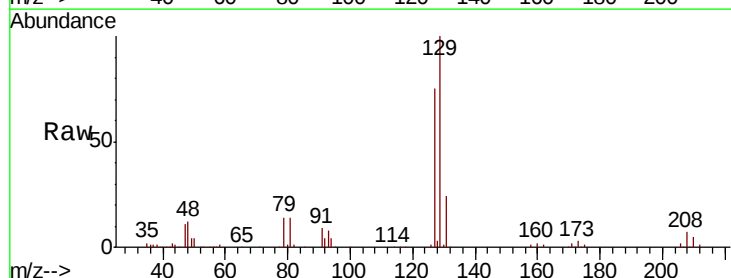
Instrument :
MSVOA_X
ClientSampled :
VX1026WBS02

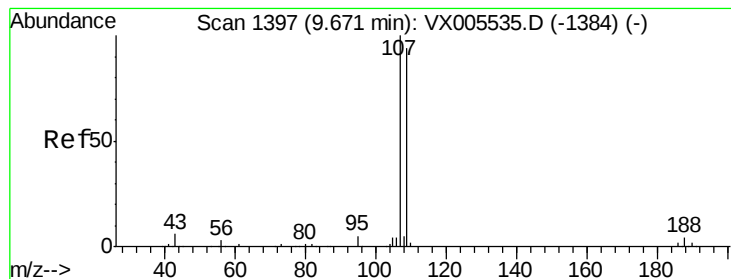
Tot Ion: 43 Resp: 316727
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.8



#60
Dibromochloromethane
Concen: 18.714 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion: 129 Resp: 46432
Ion Ratio Lower Upper
129 100
127 76.1 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.035 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

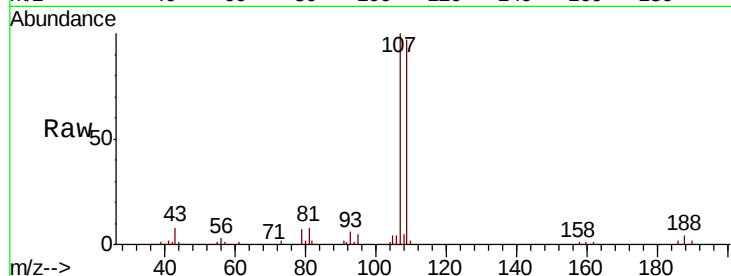
VX1026WBS02

Tot Ion:107 Resp: 46830

Ion Ratio Lower Upper

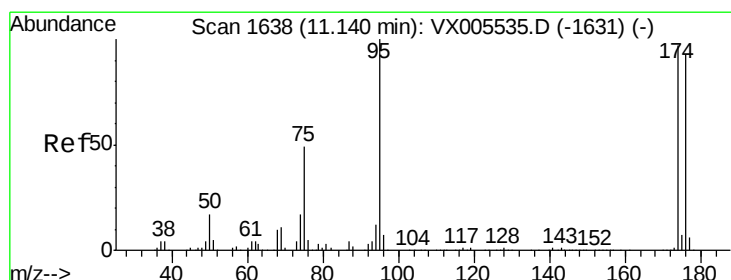
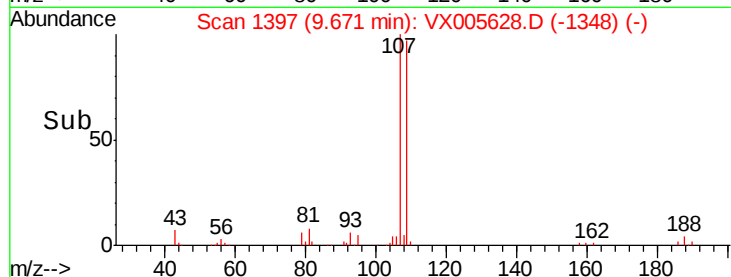
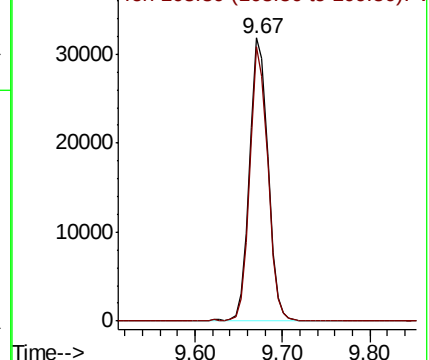
107 100

109 94.3 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.349 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

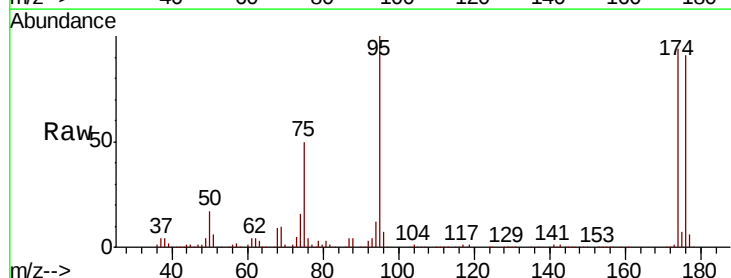
Tgt Ion: 95 Resp: 142076

Ion Ratio Lower Upper

95 100

174 91.7 0.0 184.4

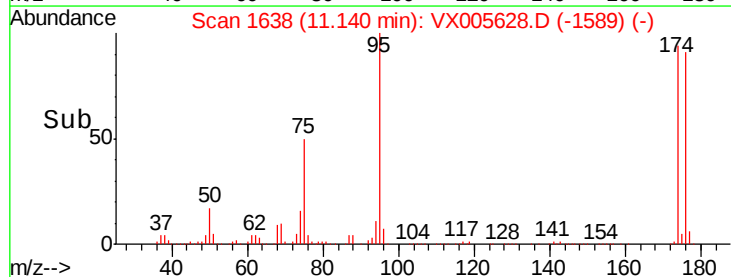
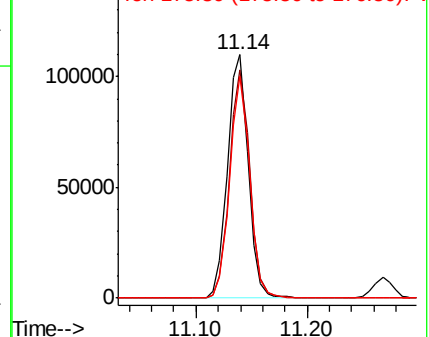
176 88.2 0.0 177.4

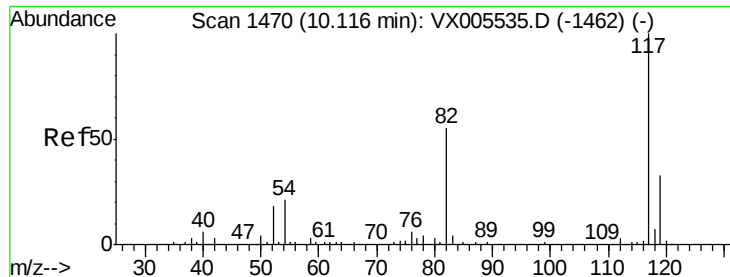


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

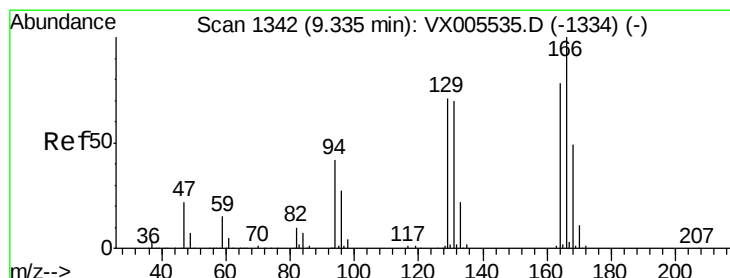
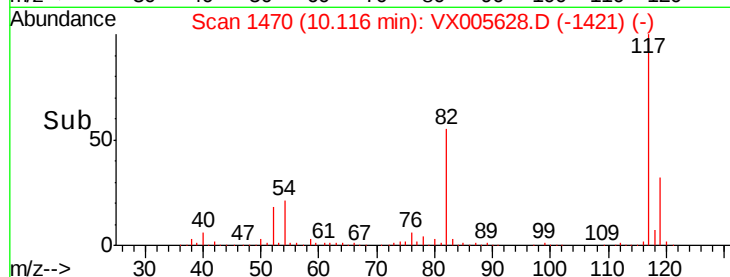
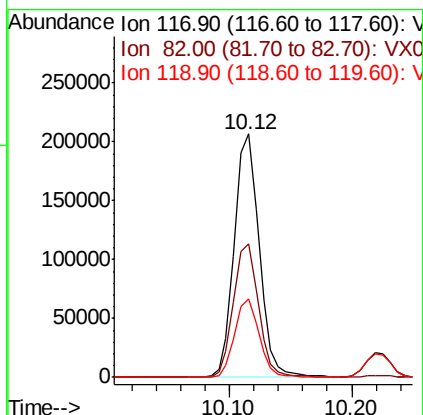
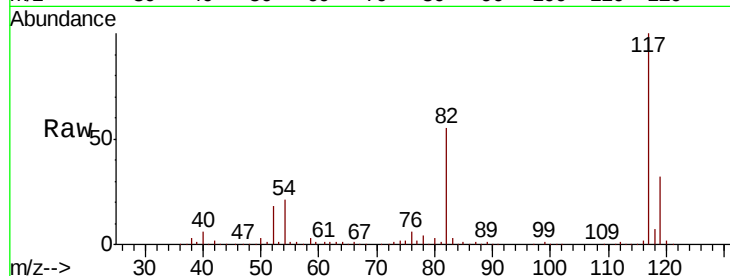




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

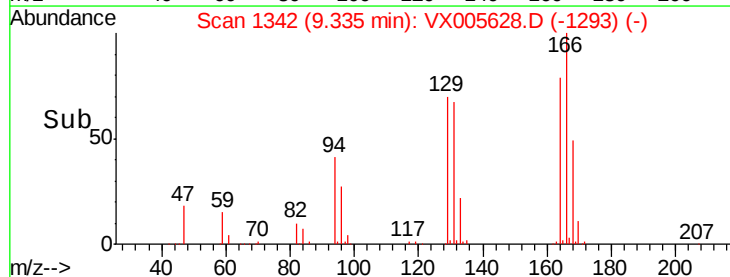
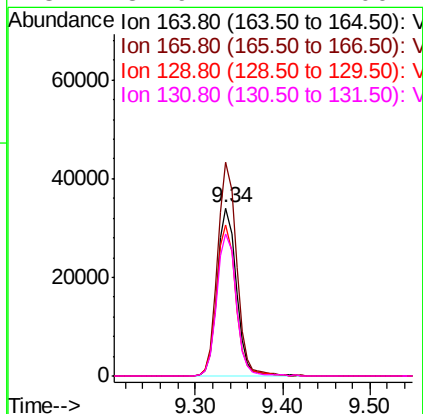
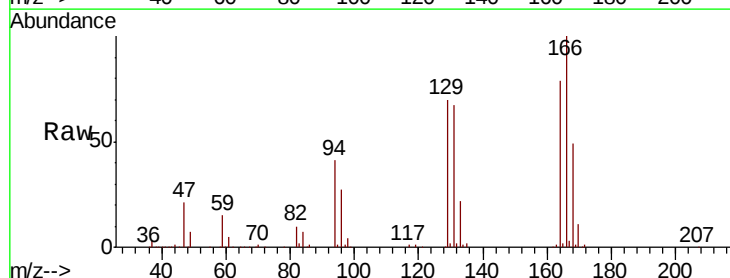
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

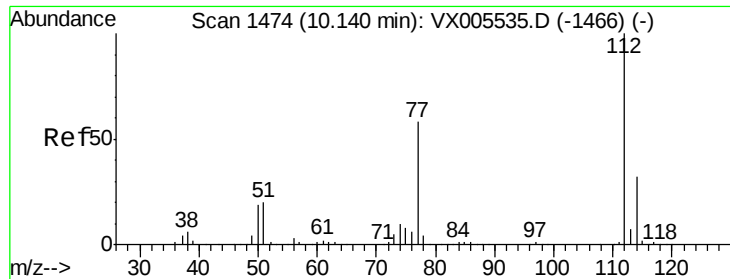
Tot Ion:117 Resp: 291555
Ion Ratio Lower Upper
117 100
82 54.7 44.1 66.1
119 32.1 26.2 39.2



#64
Tetrachloroethene
Concen: 21.304 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion:164 Resp: 51562
Ion Ratio Lower Upper
164 100
166 127.1 101.9 152.9
129 89.6 72.6 109.0
131 84.9 71.1 106.7

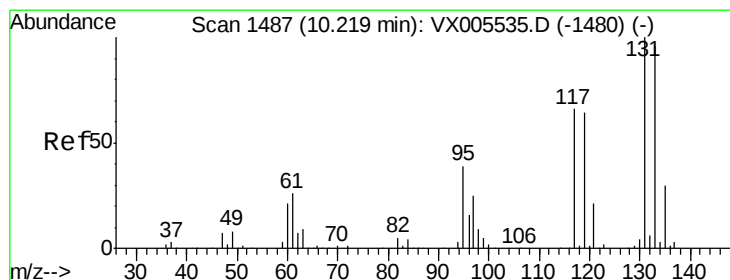
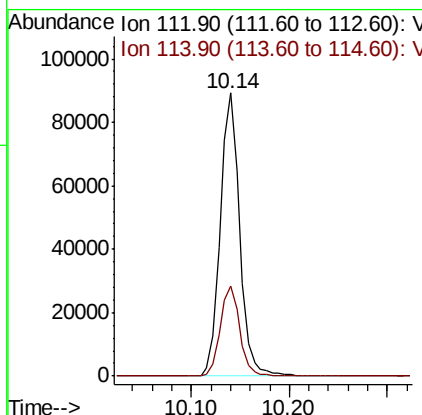
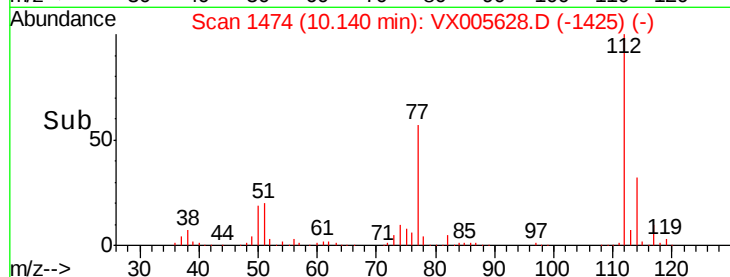
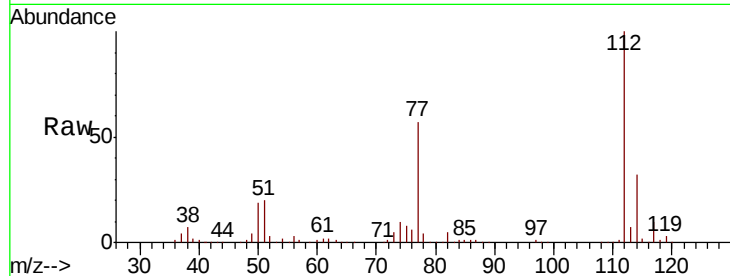




#65
Chlorobenzene
Concen: 19.804 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

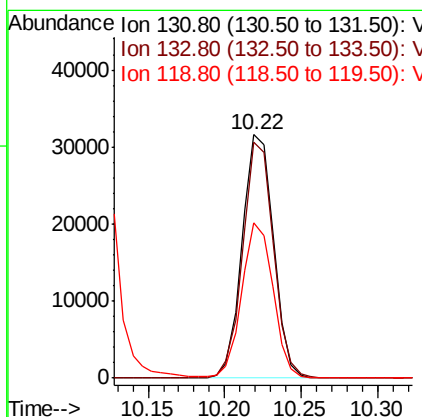
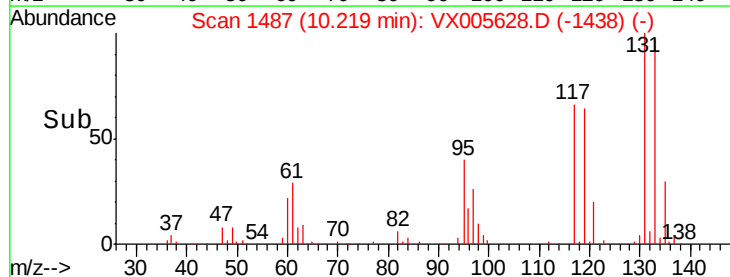
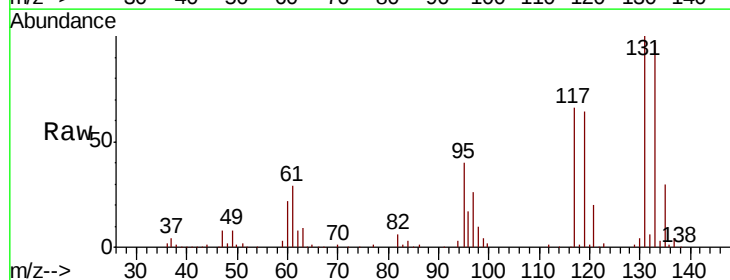
Instrument :
MSVOA_X
ClientSampled :
VX1026WBS02

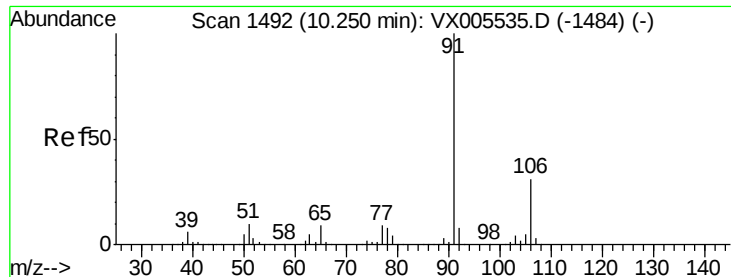
Tot Ion:112 Resp: 122954
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.883 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion:131 Resp: 45011
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.5
119 63.6 31.8 95.3





#67

Ethyl Benzene

Concen: 20.324 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

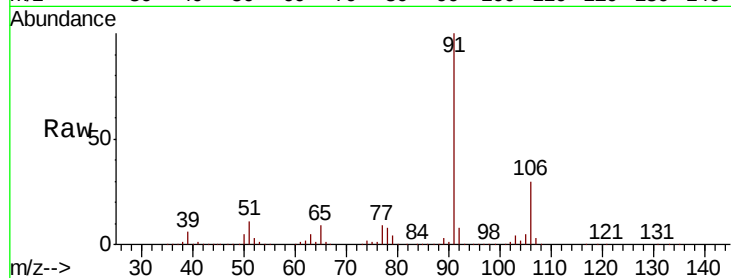
VX1026WBS02

Tot Ion: 91 Resp: 207605

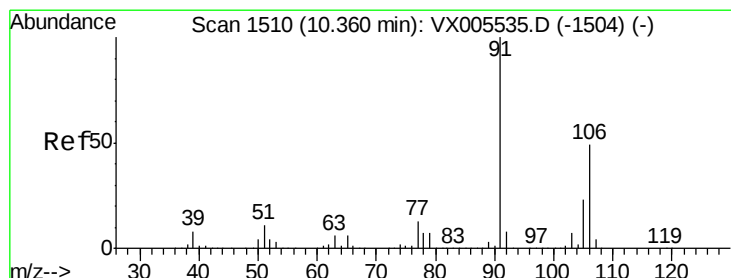
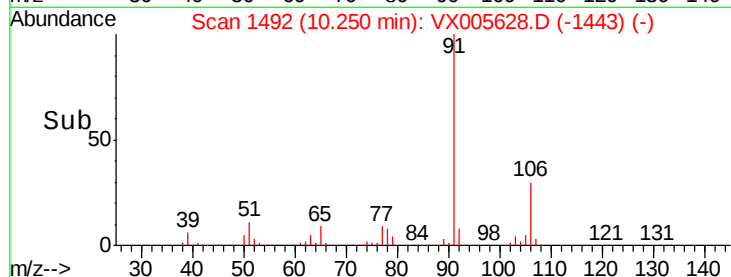
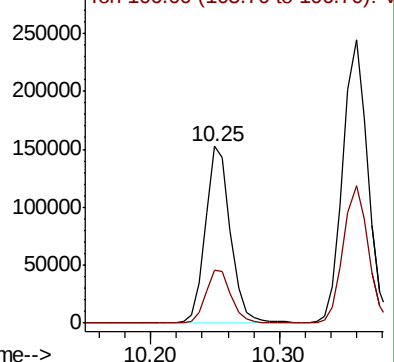
Ion Ratio Lower Upper

91 100

106 29.9 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1484) (-)



#68

m/p-Xylenes

Concen: 40.315 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005628.D

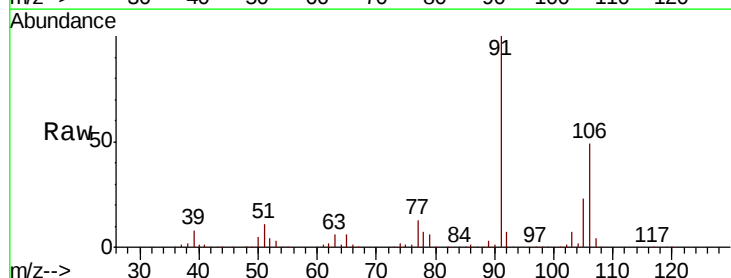
Acq: 27 Oct 2018 02:28

Tgt Ion: 106 Resp: 159770

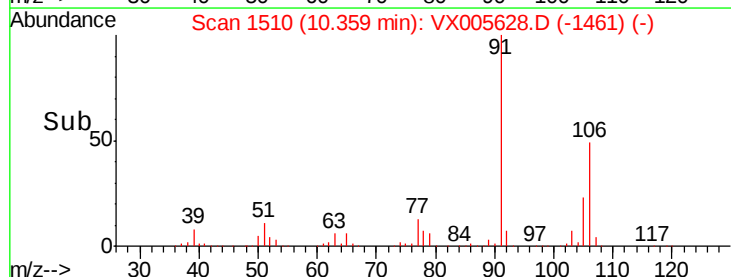
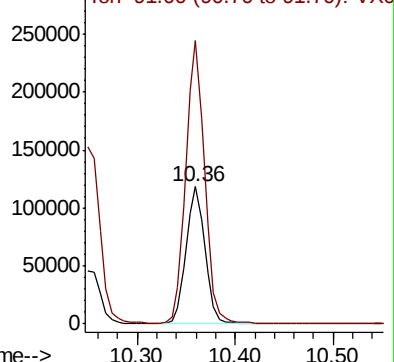
Ion Ratio Lower Upper

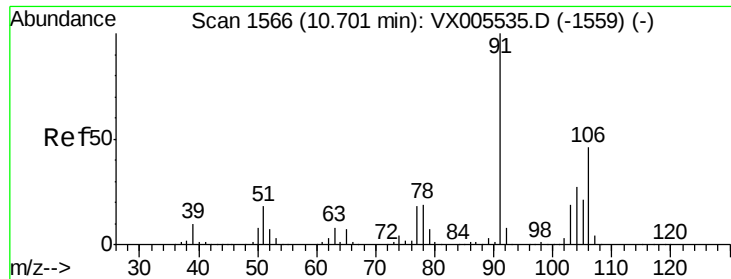
106 100

91 204.6 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005535.D (-1504) (-)

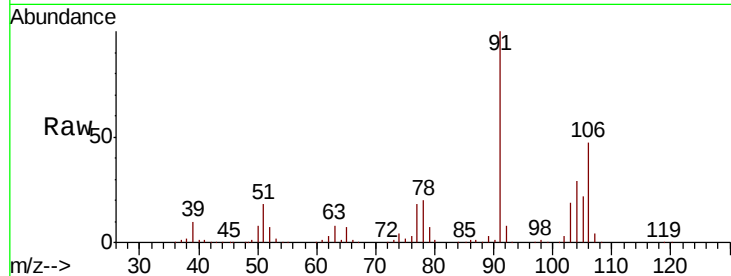




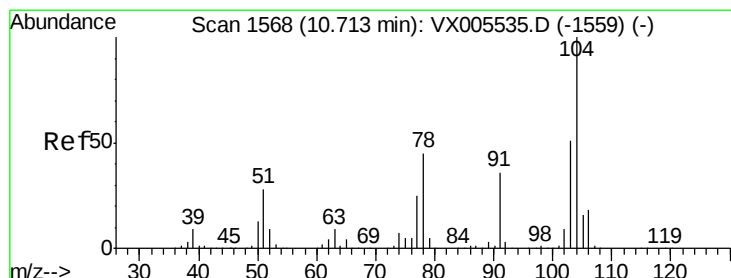
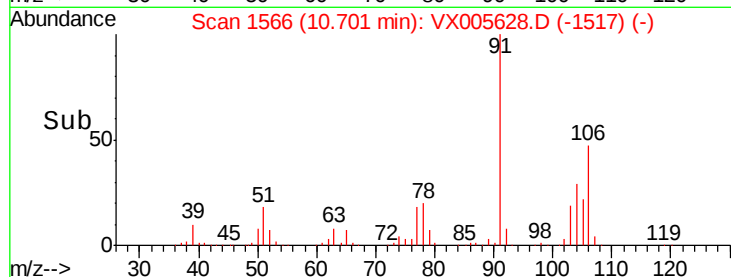
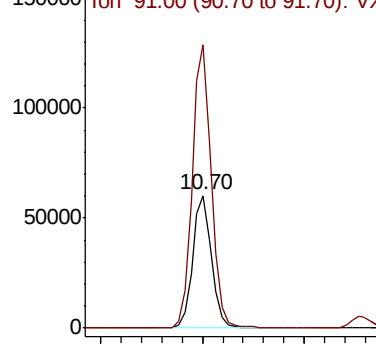
#69
o-Xylene
Concen: 20.780 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampled :
VX1026WBS02

Tot Ion:106 Resp: 77477
Ion Ratio Lower Upper
106 100
91 215.1 108.5 325.5

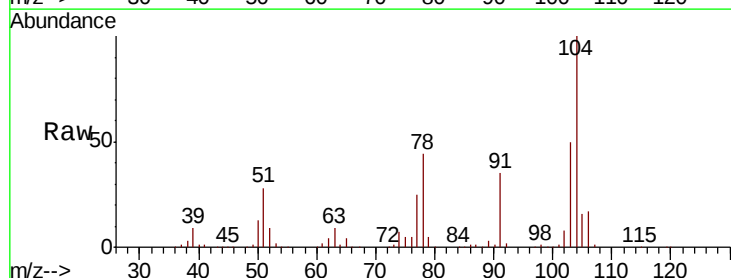


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

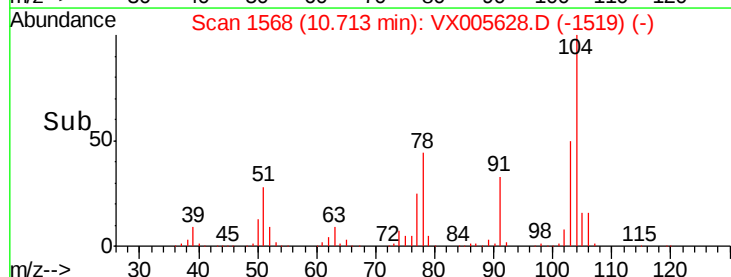
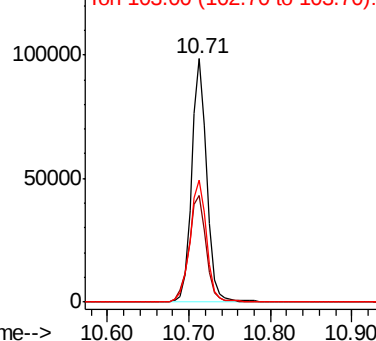


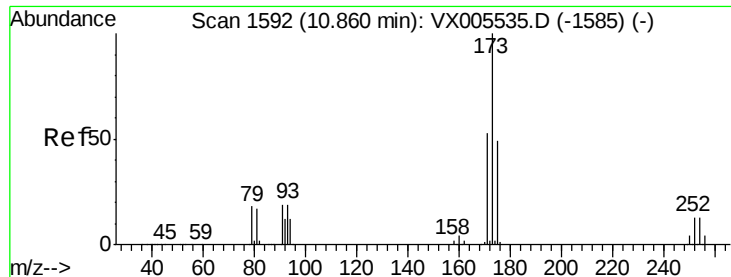
#70
Styrene
Concen: 20.450 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion:104 Resp: 127638
Ion Ratio Lower Upper
104 100
78 50.3 40.2 60.4
103 55.7 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.976 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

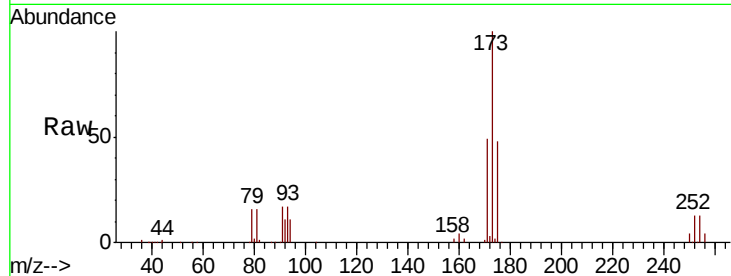
Tot Ion:173 Resp: 38334

Ion Ratio Lower Upper

173 100

175 47.8 24.8 74.3

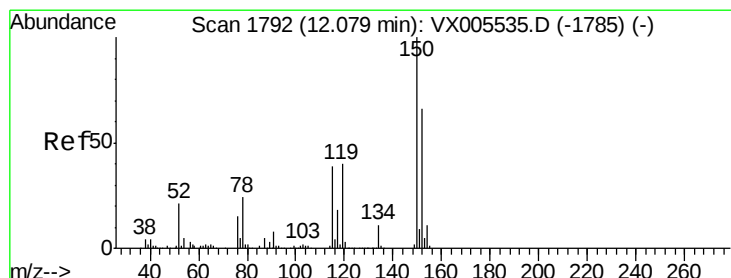
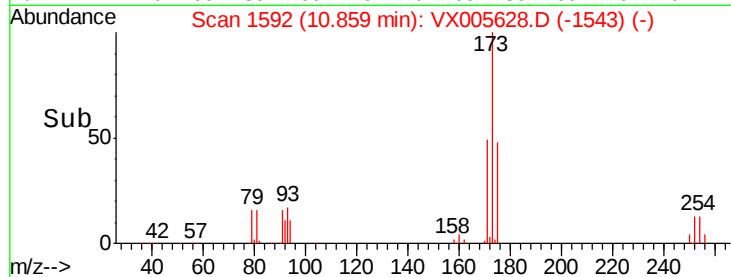
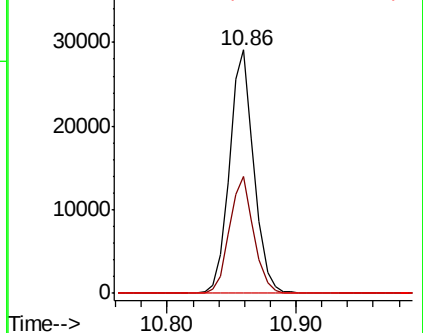
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

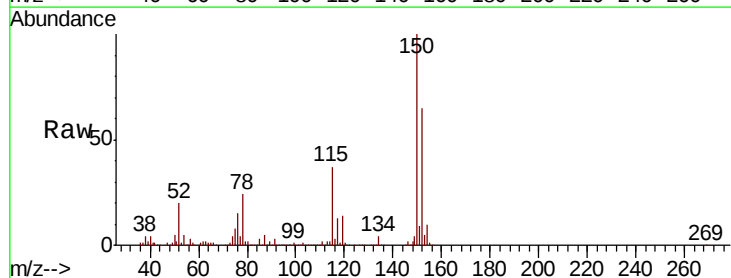
Tgt Ion:152 Resp: 162039

Ion Ratio Lower Upper

152 100

115 65.2 39.4 118.1

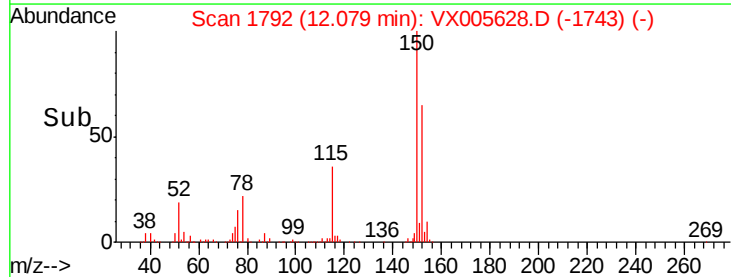
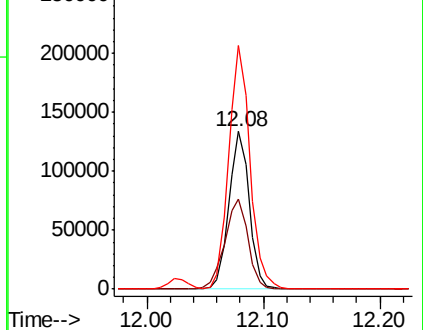
150 162.2 0.0 346.4

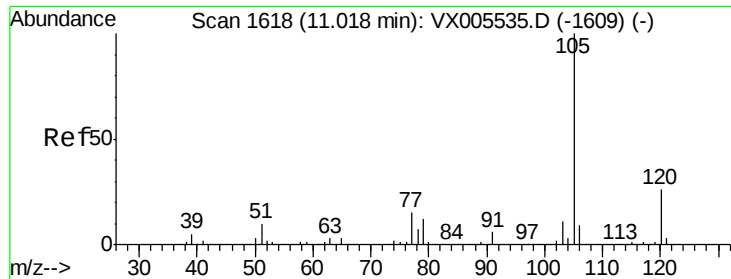


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.408 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

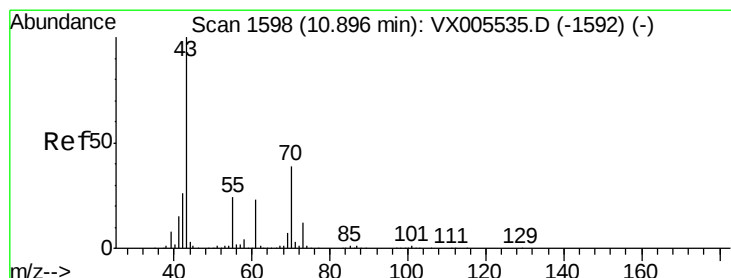
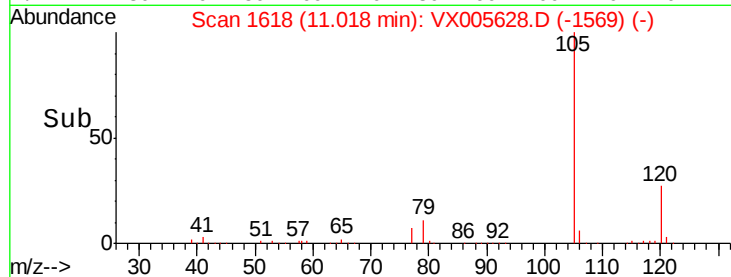
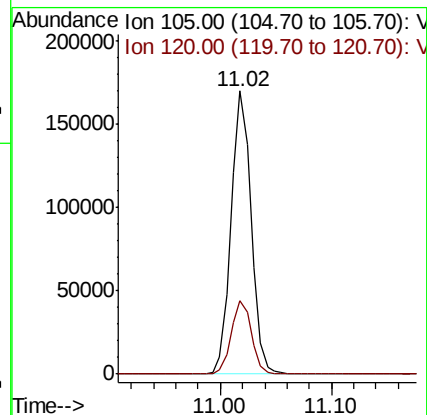
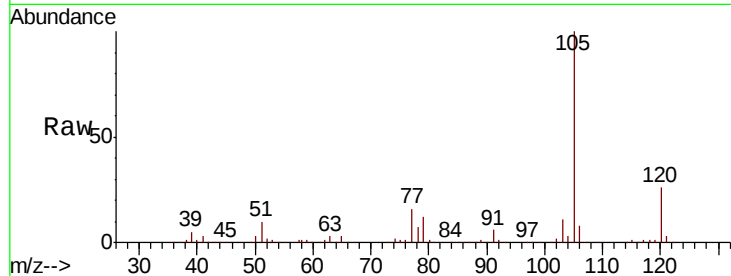
VX1026WBS02

Tot Ion:105 Resp: 212054

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#74

N-ethyl acetate

Concen: 20.145 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Tgt Ion: 43 Resp: 98870

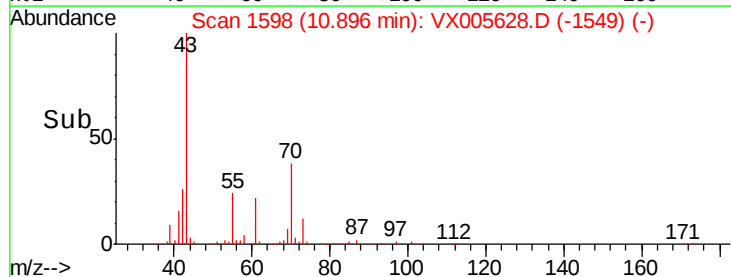
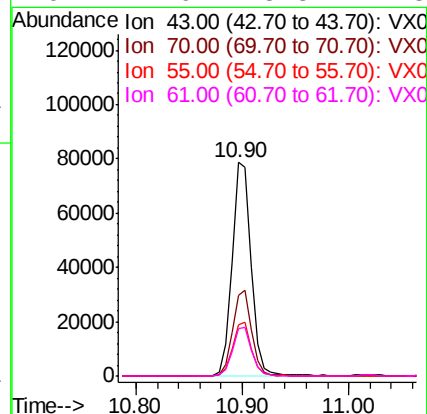
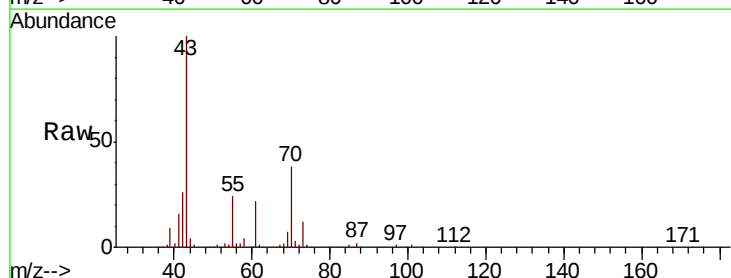
Ion Ratio Lower Upper

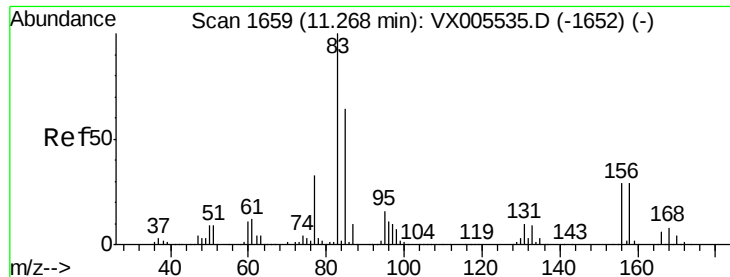
43 100

70 40.1 31.6 47.4

55 25.3 19.7 29.5

61 22.9 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.859 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

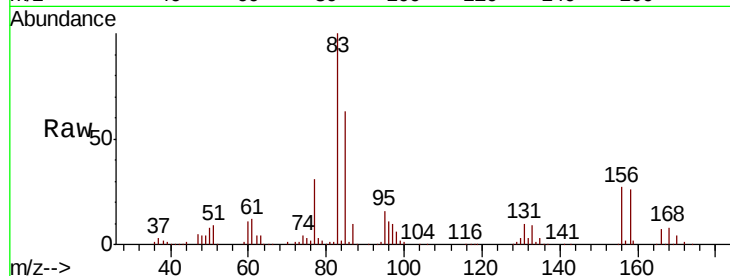
Tot Ion: 83 Resp: 72571

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

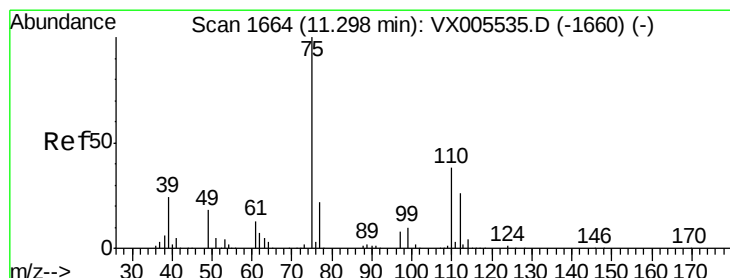
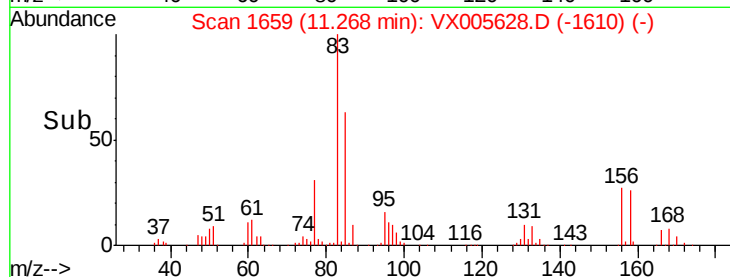
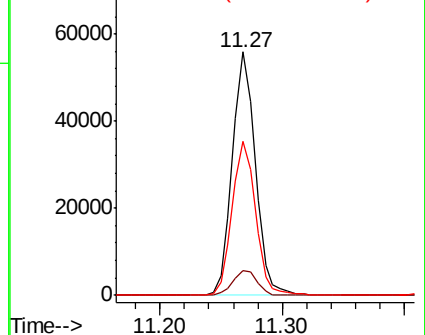
85 64.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX005535.D (-1652) (-)

Ion 130.80 (130.50 to 131.50): VX005535.D (-1652) (-)

Ion 84.90 (84.60 to 85.60): VX005535.D (-1652) (-)



#76

1,2,3-Trichloropropane

Concen: 24.365 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005628.D

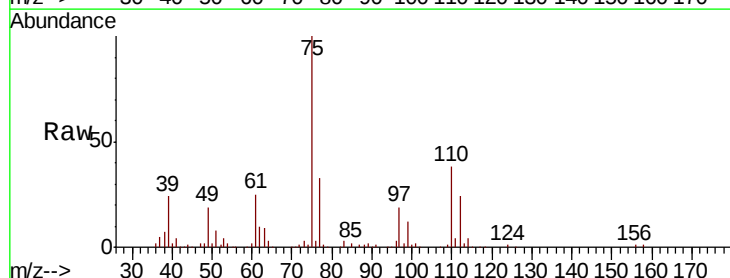
Acq: 27 Oct 2018 02:28

Tgt Ion: 75 Resp: 83649

Ion Ratio Lower Upper

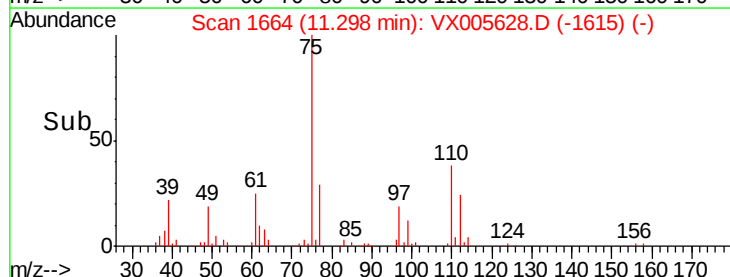
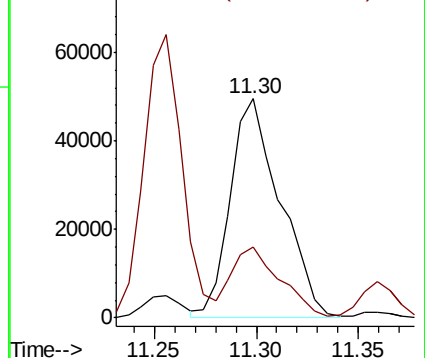
75 100

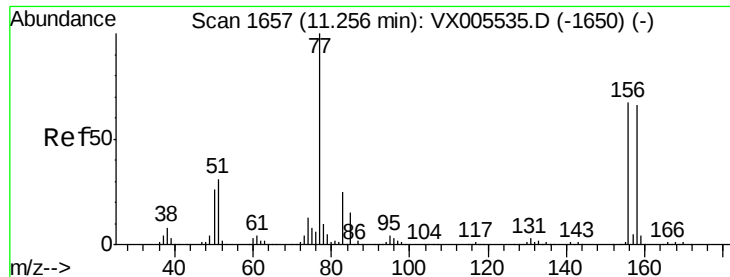
77 31.7 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX005535.D (-1660) (-)

Ion 77.00 (76.70 to 77.70): VX005535.D (-1660) (-)





#77

Bromobenzene

Concen: 20.245 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

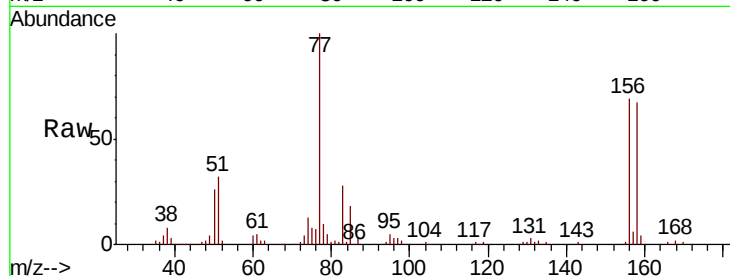
Tot Ion:156 Resp: 55887

Ion Ratio Lower Upper

156 100

77 149.1 74.8 224.4

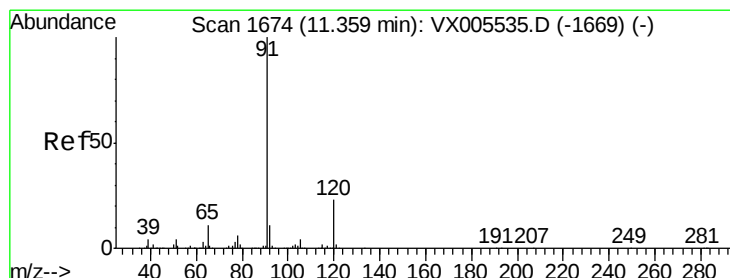
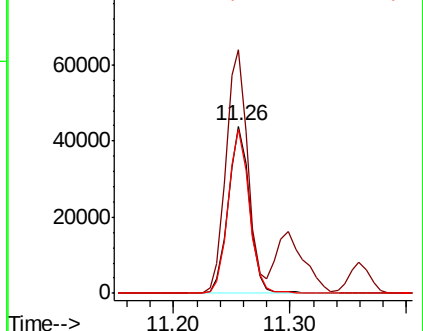
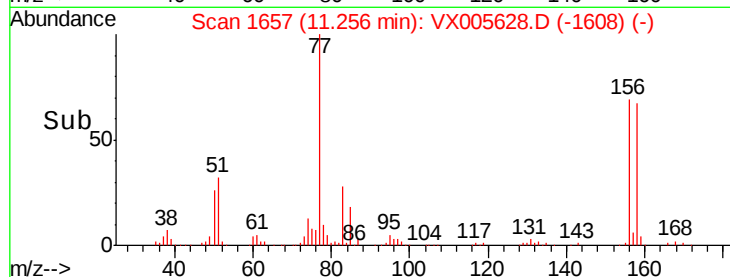
158 97.9 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.264 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005628.D

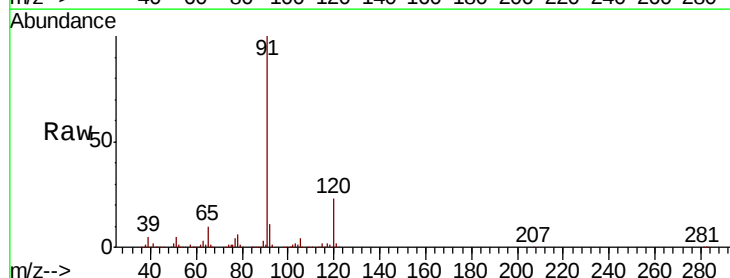
Acq: 27 Oct 2018 02:28

Tgt Ion: 91 Resp: 240838

Ion Ratio Lower Upper

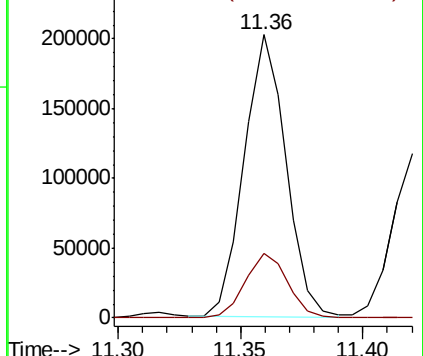
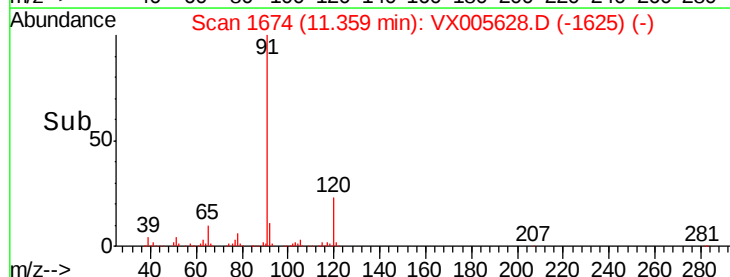
91 100

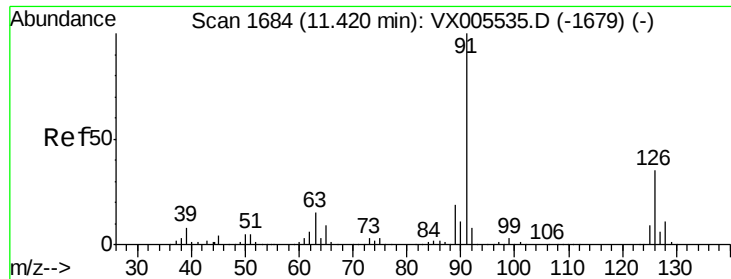
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

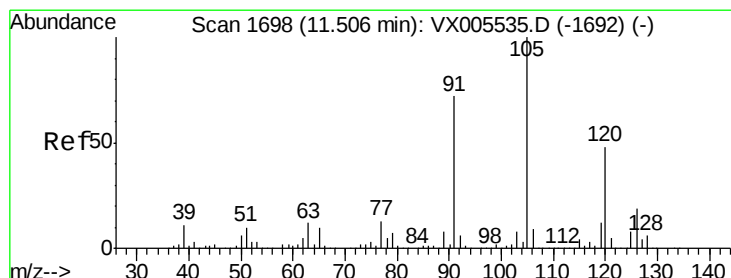
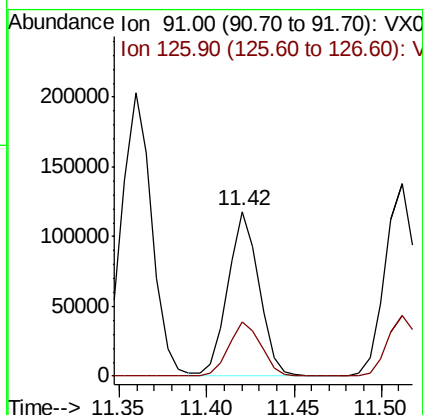
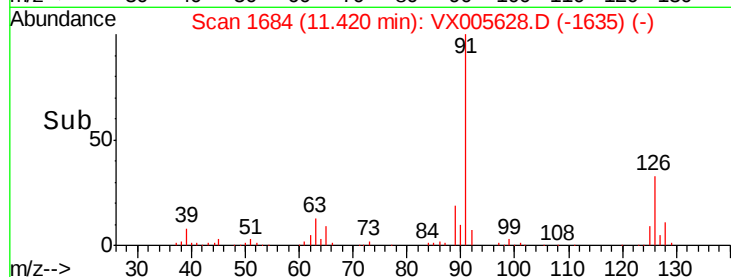
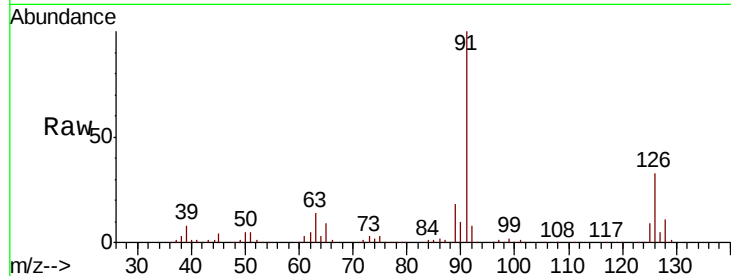




#79
 2-Chlorotoluene
 Concen: 20.771 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

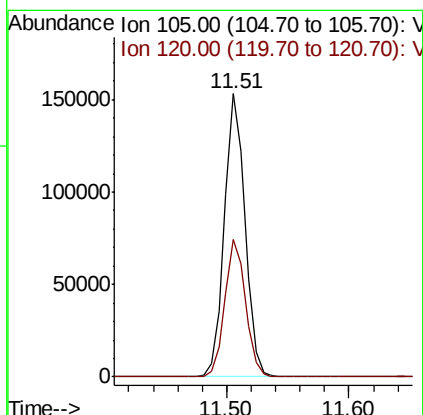
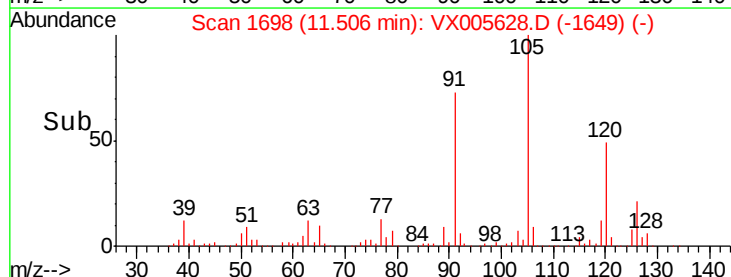
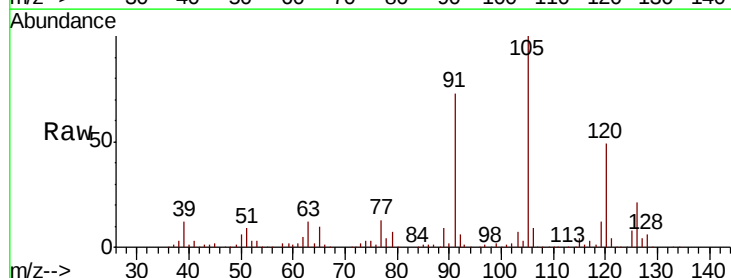
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS02

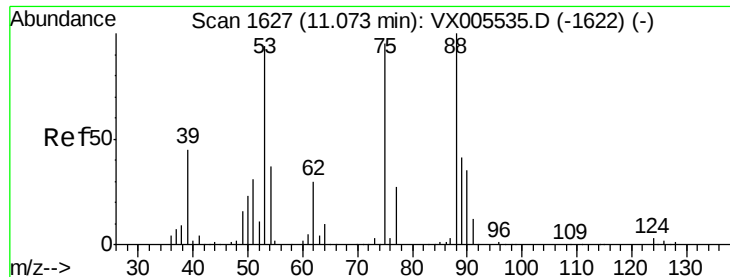
Tot Ion: 91 Resp: 145863
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.092 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Tgt Ion:105 Resp: 178720
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.827 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

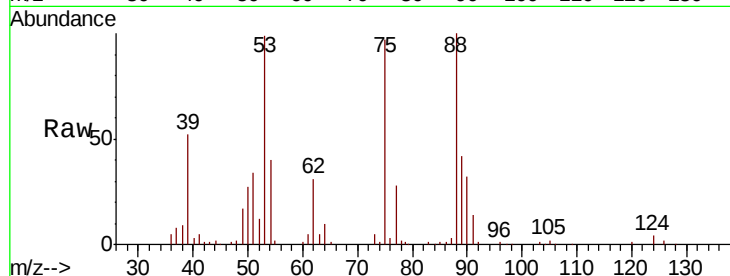
Tot Ion: 75 Resp: 18731

Ion Ratio Lower Upper

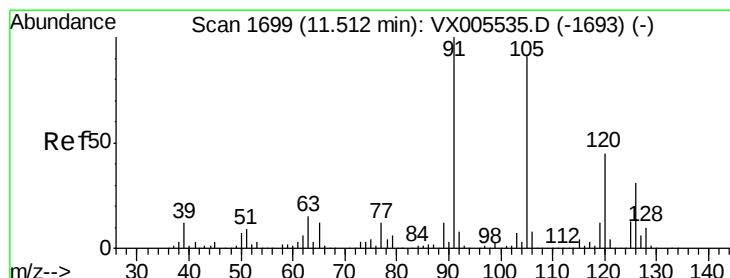
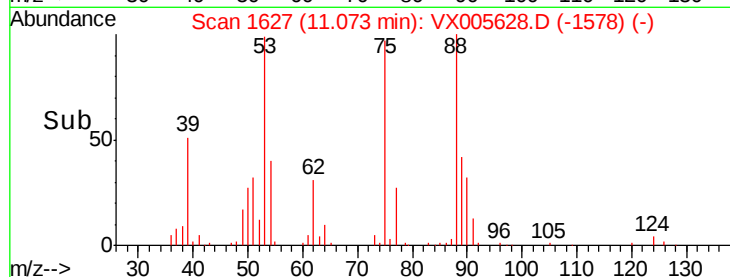
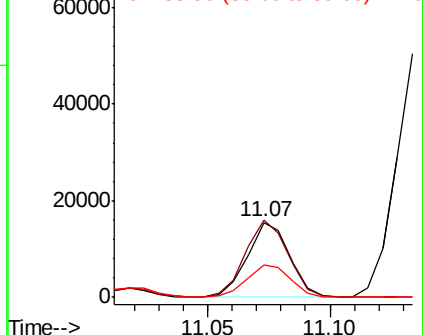
75 100

53 103.6 80.2 120.2

89 45.6 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.646 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005628.D

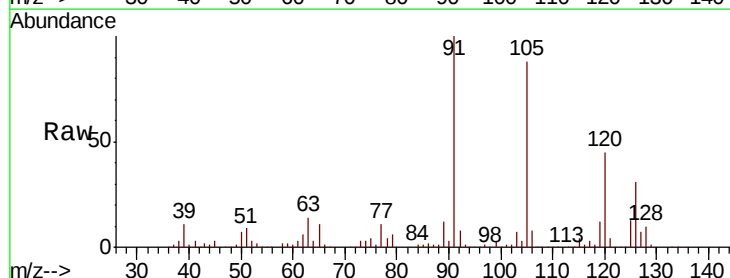
Acq: 27 Oct 2018 02:28

Tgt Ion: 91 Resp: 170968

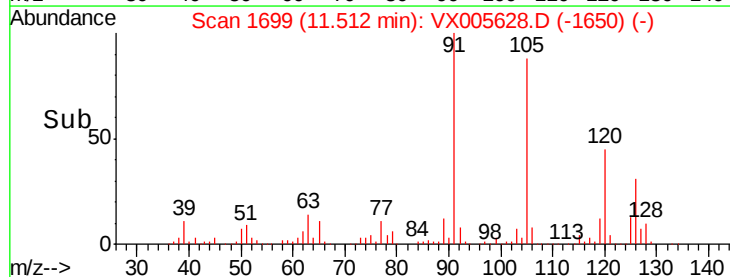
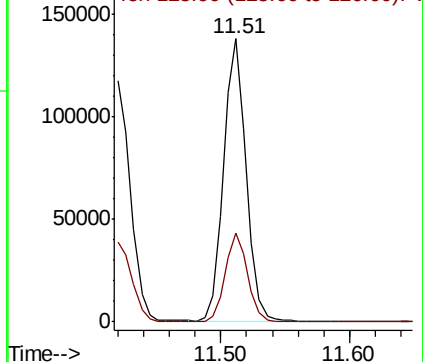
Ion Ratio Lower Upper

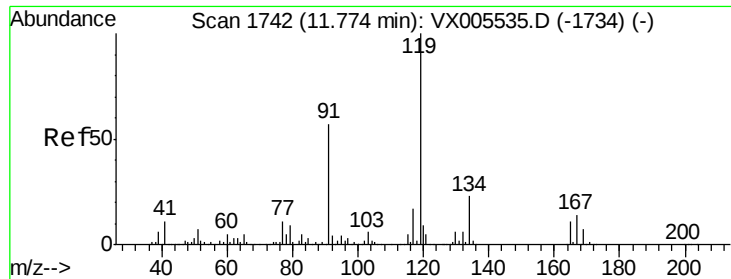
91 100

126 31.0 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

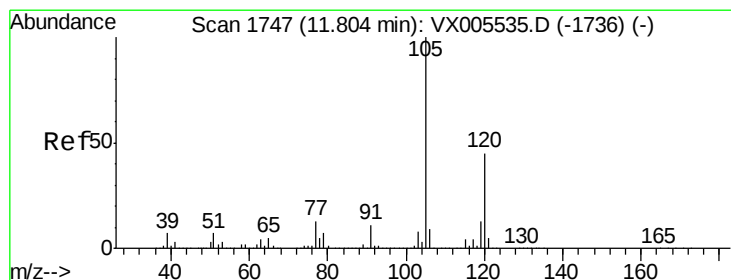
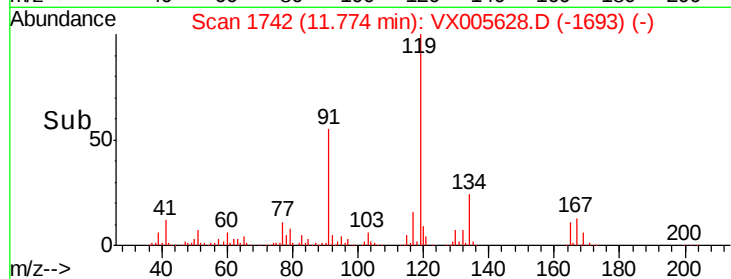
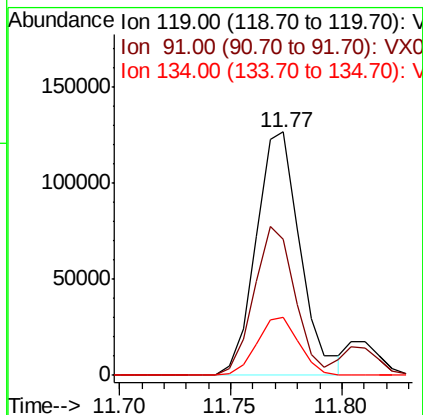
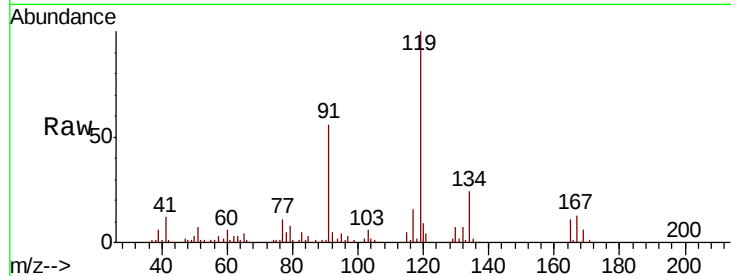




#83
tert-Butylbenzene
Concen: 20.637 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

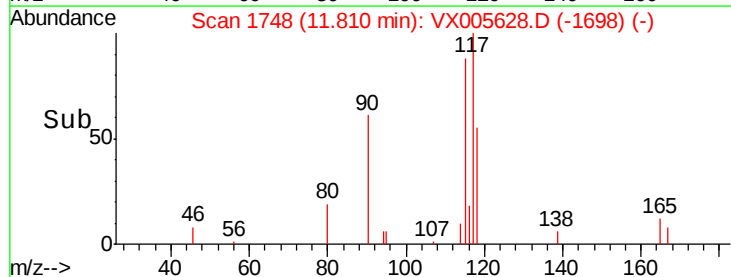
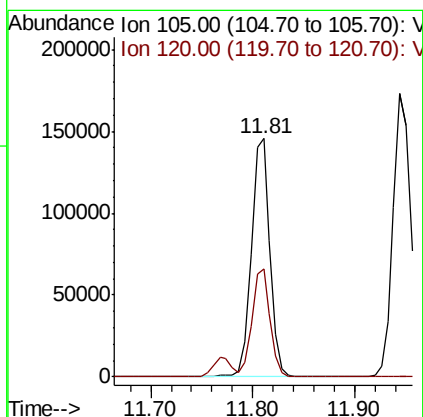
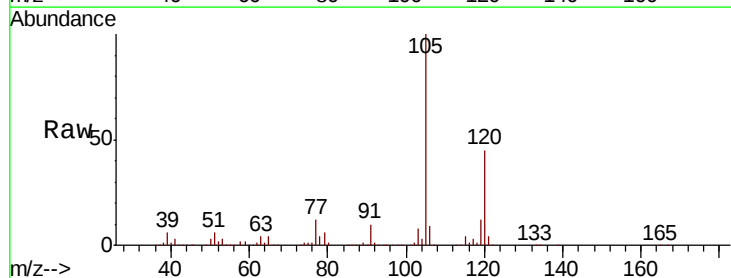
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

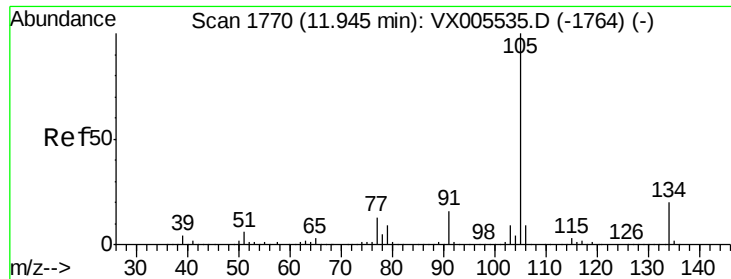
Tot Ion:119 Resp: 174310
Ion Ratio Lower Upper
119 100
91 57.0 28.5 85.5
134 22.8 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 21.581 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion:105 Resp: 185330
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.0





#85

sec-Butylbenzene

Concen: 20.963 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

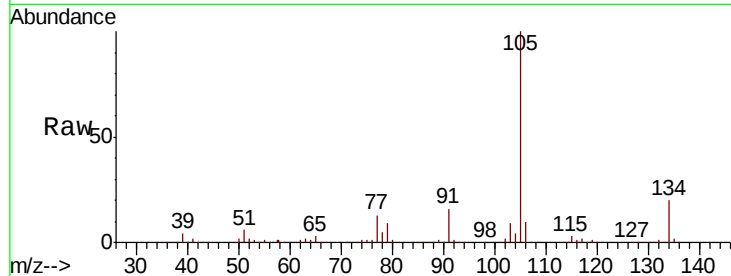
VX1026WBS02

Tot Ion:105 Resp: 211279

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

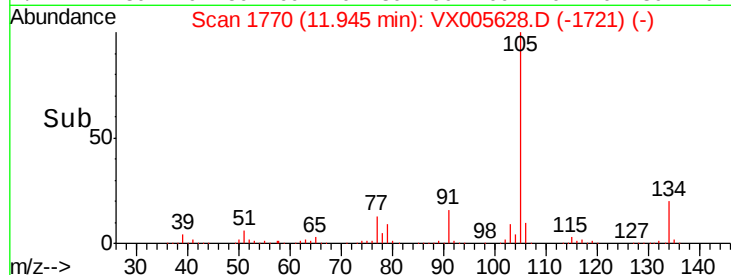
150000

100000

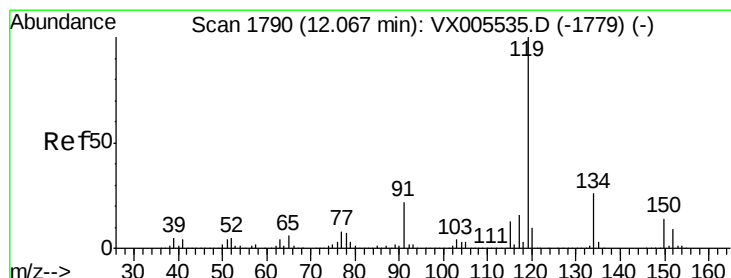
50000

0

11.90 11.95 12.00



Time-->



#86

p-Isopropyltoluene

Concen: 21.291 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

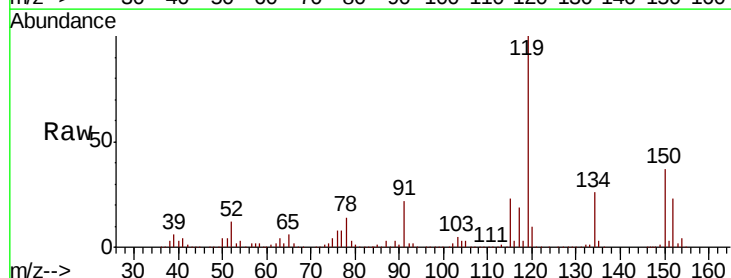
Tgt Ion:119 Resp: 191822

Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

91 23.2 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

200000

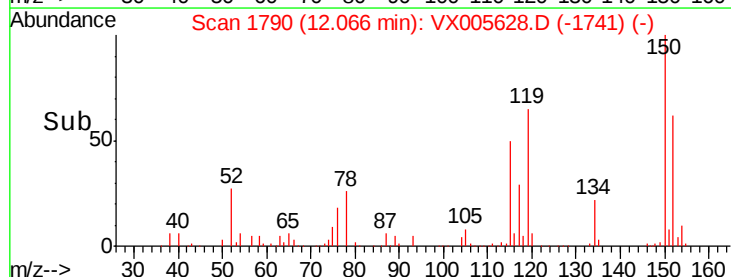
150000

100000

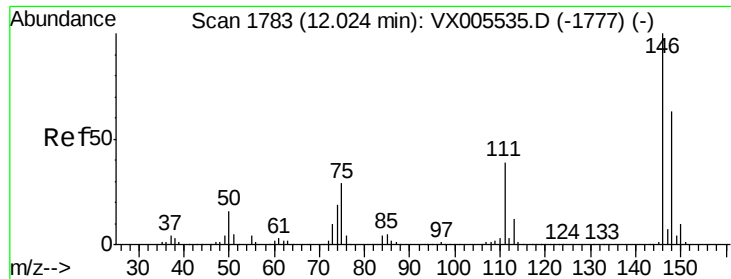
50000

0

12.00 12.10



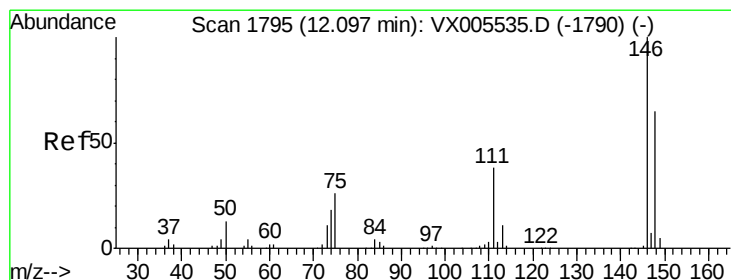
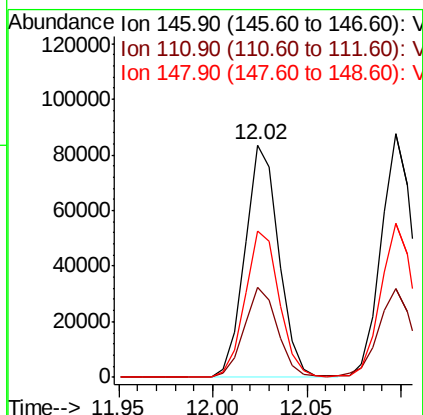
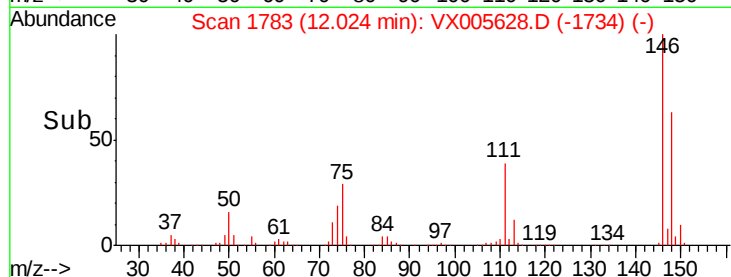
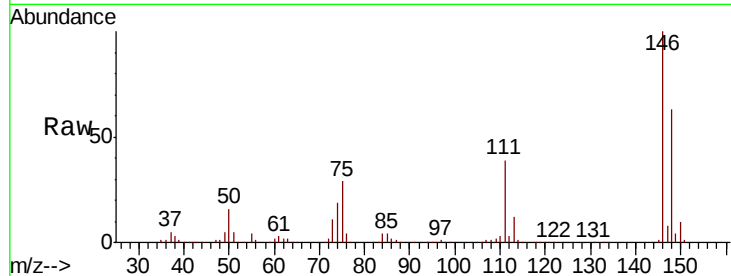
Time-->



#87
 1,3-Dichlorobenzene
 Concen: 20.101 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

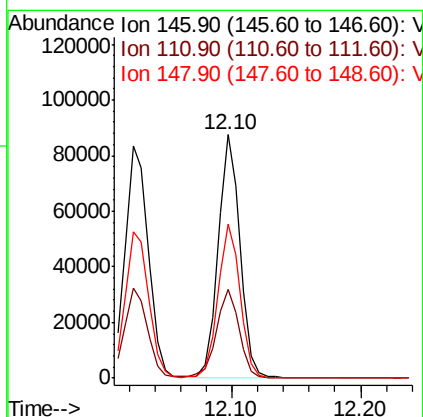
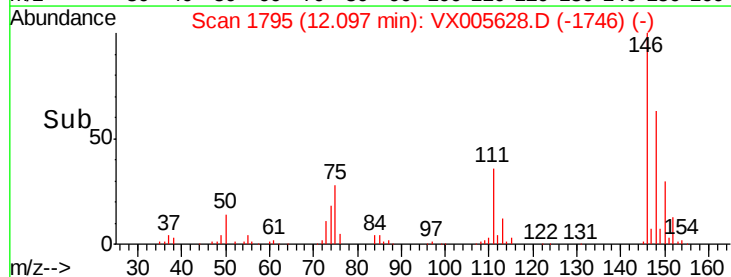
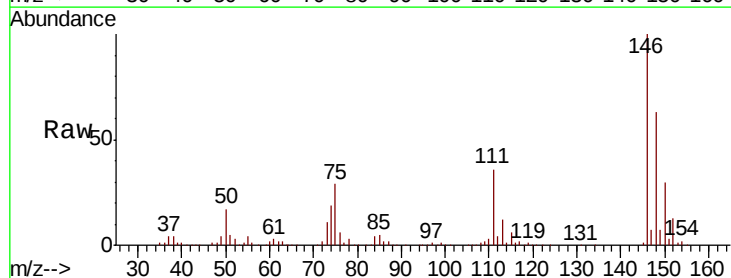
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS02

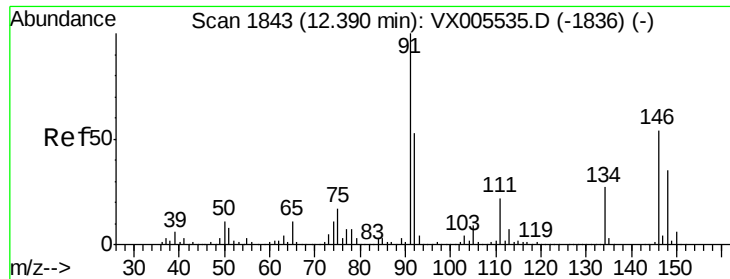
Tot Ion:146 Resp: 104342
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.0 57.0
 148 63.3 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.322 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Tgt Ion:146 Resp: 104697
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.6 55.8
 148 64.5 32.1 96.3

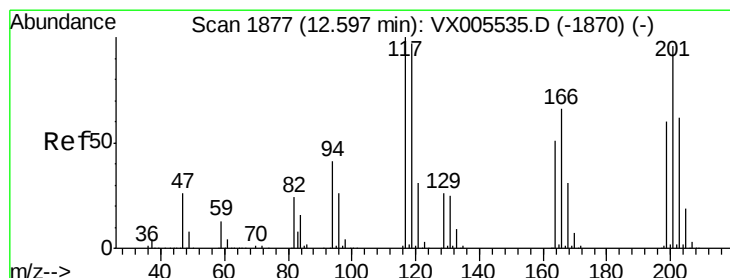
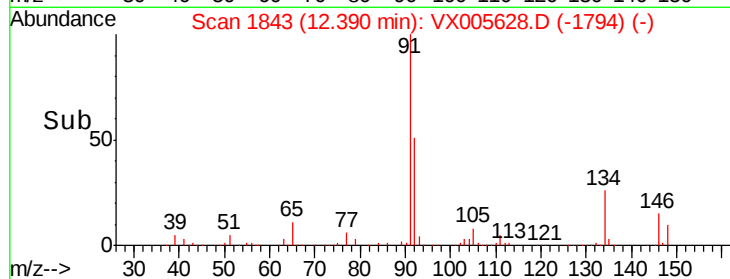
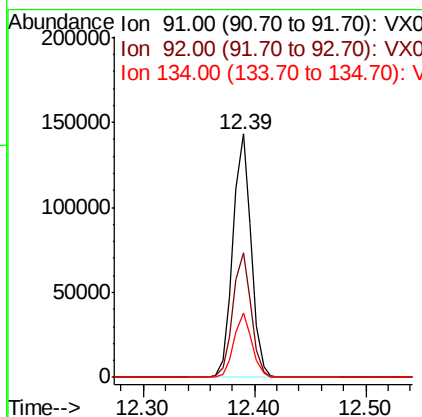
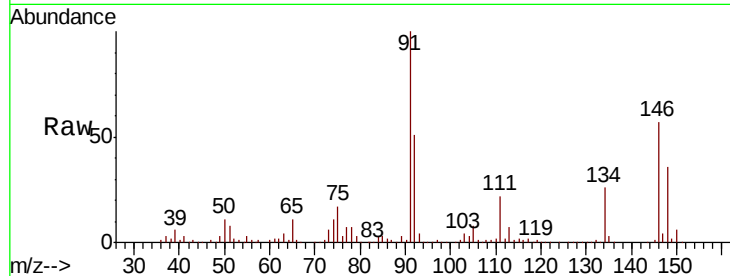




#89
n-Butylbenzene
Concen: 19.886 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

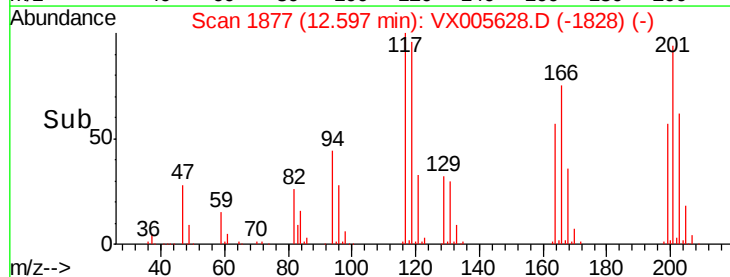
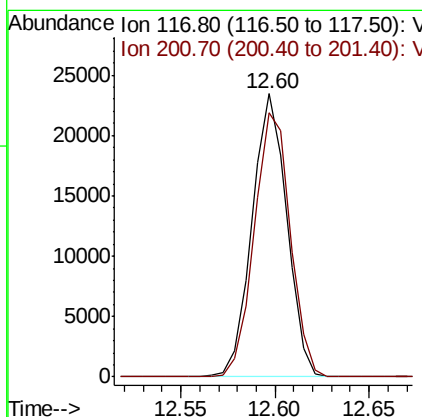
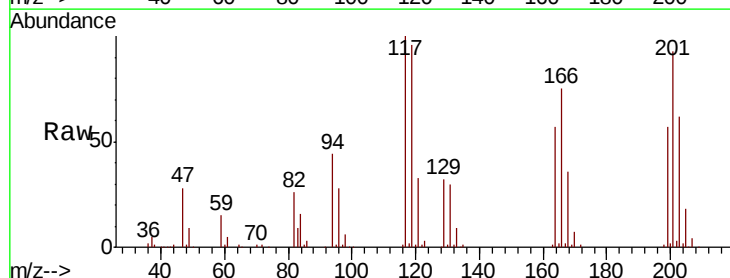
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

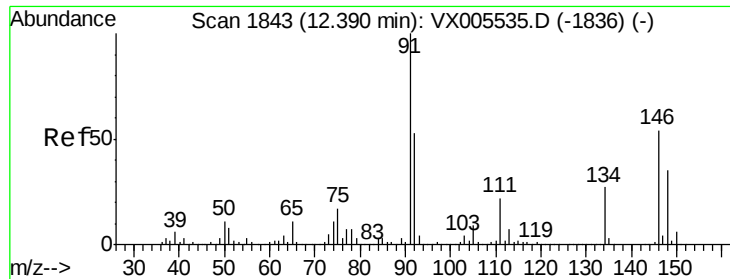
Tot Ion: 91 Resp: 161743
Ion Ratio Lower Upper
91 100
92 51.5 26.1 78.2
134 26.0 13.1 39.3



#90
Hexachloroethane
Concen: 19.302 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion: 117 Resp: 29994
Ion Ratio Lower Upper
117 100
201 96.6 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 20.163 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

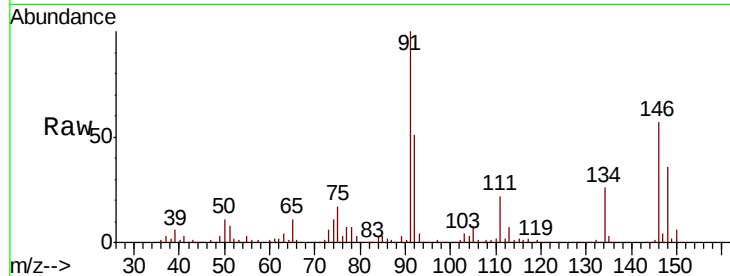
Tot Ion:146 Resp: 105894

Ion Ratio Lower Upper

146 100

111 39.0 20.0 59.9

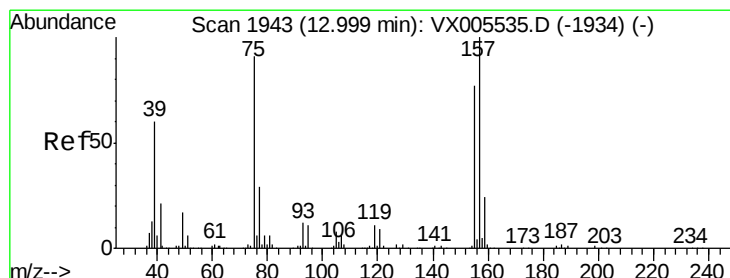
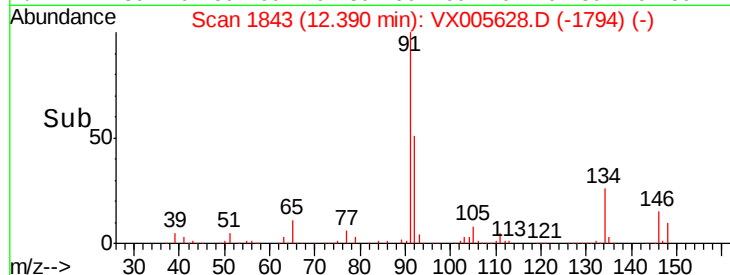
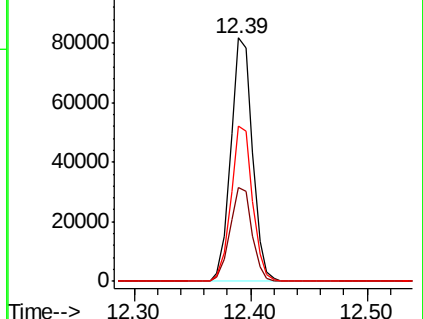
148 63.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.824 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

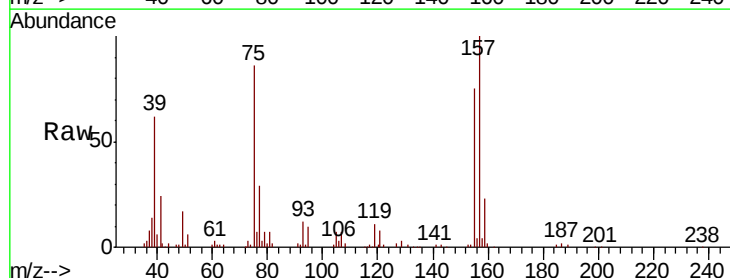
Tgt Ion: 75 Resp: 17516

Ion Ratio Lower Upper

75 100

155 91.2 45.4 136.1

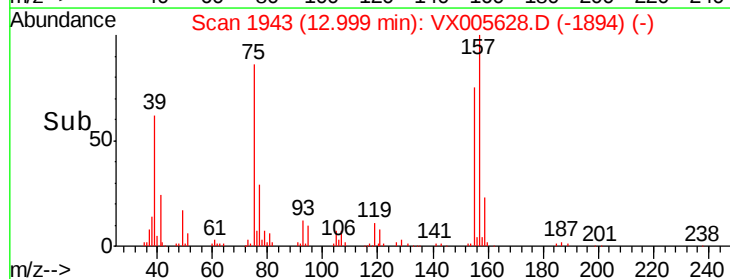
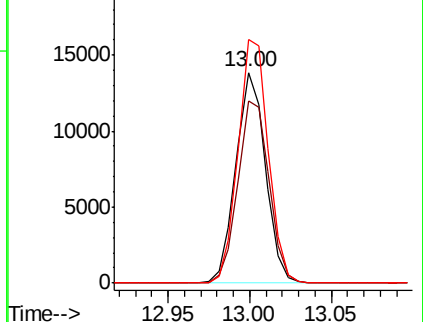
157 117.9 57.4 172.0

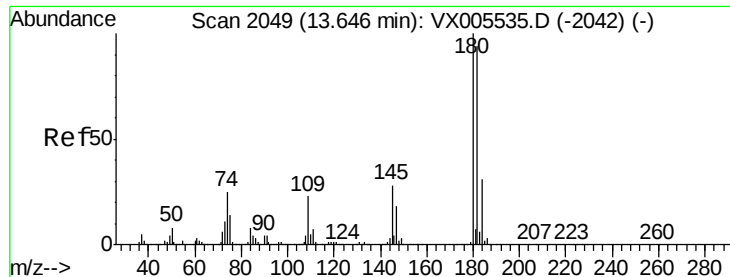


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

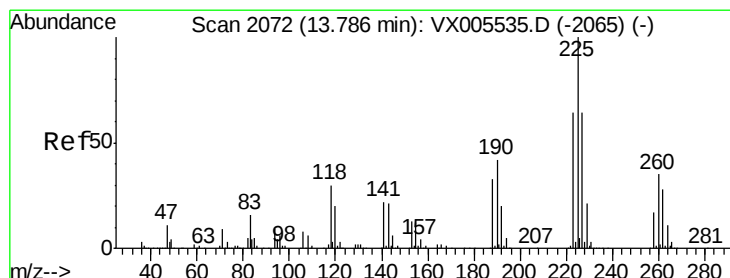
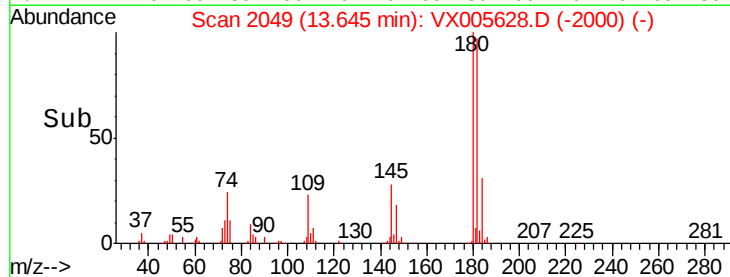
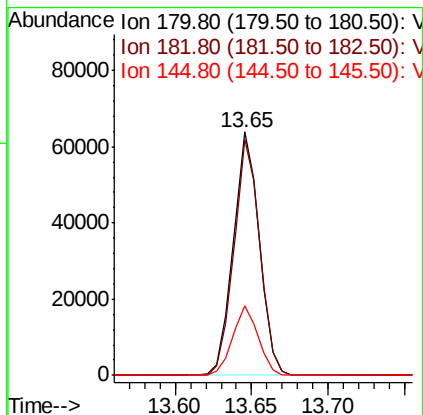
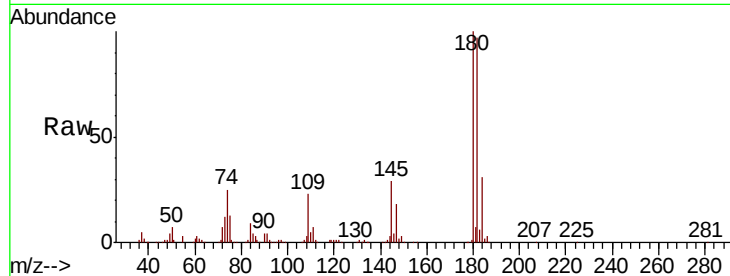




#93
 1,2,4-Trichlorobenzene
 Concen: 19.772 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

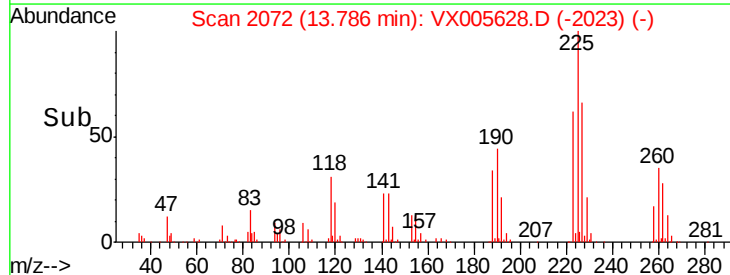
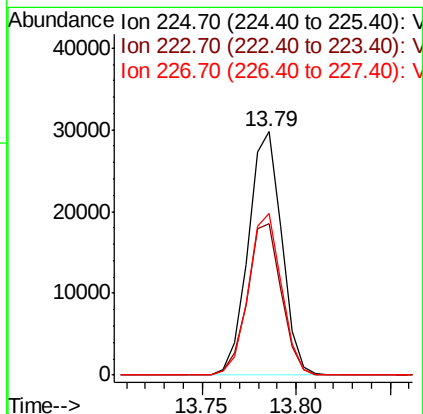
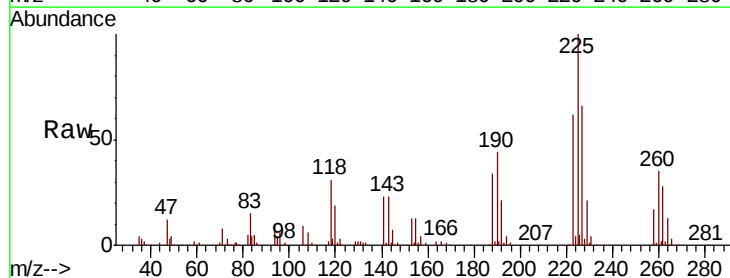
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS02

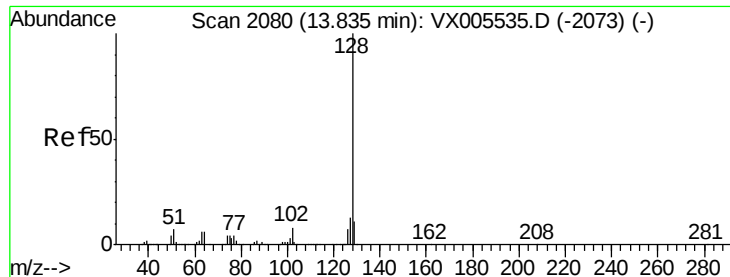
Tot Ion:180 Resp: 75274
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.6 142.8
 145 28.1 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 18.603 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Tgt Ion:225 Resp: 36702
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.7 95.1
 227 65.1 32.3 96.9

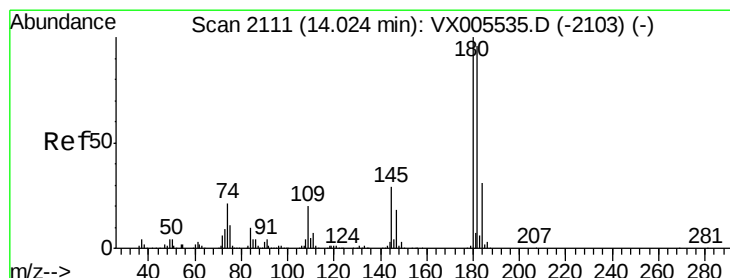
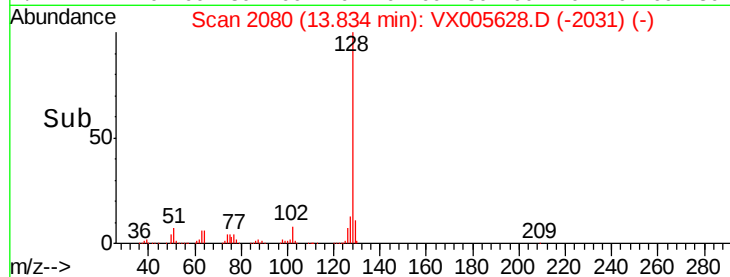
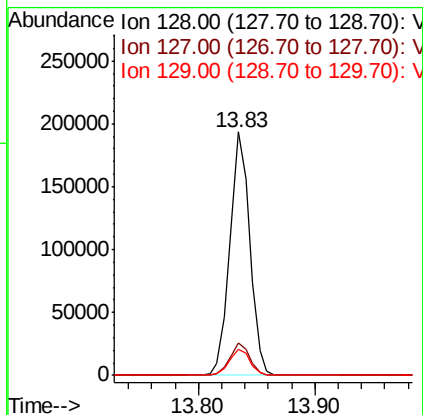
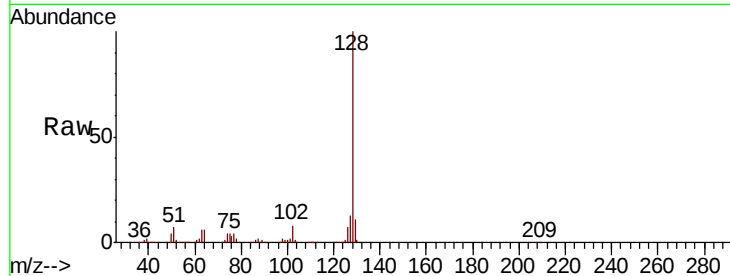




#95
Naphthalene
Concen: 20.946 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Tot Ion:128 Resp: 231801
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.316 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion:180 Resp: 78405
Ion Ratio Lower Upper
180 100
182 95.3 48.0 144.2
145 30.0 15.1 45.3

