

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005608.D
 Acq On : 26 Oct 2018 16:42
 Operator : JC/MD
 Sample : VX1026WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

Quant Time: Oct 27 04:46:58 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	5.66	168	278424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	391945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182008	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	163135	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
35) Dibromofluoromethane	5.49	113	132991	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
50) Toluene-d8	8.71	98	446798	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	
62) 4-Bromofluorobenzene	11.14	95	166675	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	67070	24.405	ug/l	95
3) Chloromethane	1.32	50	75981	21.710	ug/l	97
4) Vinyl Chloride	1.41	62	75318	21.886	ug/l	91
5) Bromomethane	1.64	94	40456	18.893	ug/l	100
6) Chloroethane	1.71	64	41421	18.841	ug/l	95
7) Trichlorofluoromethane	1.92	101	93738	19.603	ug/l	96
8) Diethyl Ether	2.19	74	37679	19.745	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52395	19.098	ug/l	98
10) Methyl Iodide	2.51	142	63134	23.558	ug/l	98
11) Tert butyl alcohol	3.07	59	91333	99.863	ug/l	100
12) 1,1-Dichloroethene	2.37	96	52681	20.157	ug/l	96
13) Acrolein	2.29	56	42015	90.058	ug/l	100
14) Allyl chloride	2.73	41	112591	19.303	ug/l	97
15) Acrylonitrile	3.15	53	196948	96.033	ug/l	99
16) Acetone	2.45	43	175519	97.732	ug/l	97
17) Carbon Disulfide	2.57	76	143700	18.037	ug/l	99
18) Methyl Acetate	2.78	43	94620	20.464	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	187015	20.060	ug/l	98
20) Methylene Chloride	2.86	84	59322	19.722	ug/l	88
21) trans-1,2-Dichloroethene	3.17	96	55507	19.451	ug/l	91
22) Diisopropyl ether	3.86	45	201183	19.751	ug/l #	85
23) Vinyl Acetate	3.82	43	904402	100.815	ug/l	98
24) 1,1-Dichloroethane	3.70	63	107166	19.351	ug/l	99
25) 2-Butanone	4.70	43	279025	102.027	ug/l	93
26) 2,2-Dichloropropane	4.58	77	76430	17.876	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	61772	20.079	ug/l	99
28) Bromochloromethane	5.01	49	53073	19.814	ug/l	96
29) Tetrahydrofuran	5.16	42	181352	101.897	ug/l	98
30) Chloroform	5.21	83	100006	19.305	ug/l	99
31) Cyclohexane	5.57	56	95427	20.826	ug/l #	85
32) 1,1,1-Trichloroethane	5.49	97	86622	18.946	ug/l	99
36) 1,1-Dichloropropene	5.79	75	74074	19.474	ug/l	98
37) Ethyl Acetate	4.85	43	103456	21.314	ug/l	99
38) Carbon Tetrachloride	5.79	117	70857	17.687	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX1026WBS01

Quant Time: Oct 27 04:46:58 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	78460	18.680	ug/l	99
40) Benzene	6.15	78	229707	21.067	ug/l	99
41) Methacrylonitrile	5.06	41	56872	21.035	ug/l	97
42) 1,2-Dichloroethane	6.19	62	78776	19.018	ug/l	98
43) Isopropyl Acetate	6.46	43	140931	19.376	ug/l	98
44) Trichloroethene	7.21	130	55624	18.726	ug/l	98
45) 1,2-Dichloropropane	7.52	63	54888	18.724	ug/l	97
46) Dibromomethane	7.66	93	34006	17.961	ug/l	98
47) Bromodichloromethane	7.90	83	64547	17.565	ug/l	99
48) Methyl methacrylate	7.77	41	66416	18.744	ug/l	99
49) 1,4-Dioxane	7.75	88	28919	373.465	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	460507	94.208	ug/l	100
52) Toluene	8.79	92	125962	19.008	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	70379	17.721	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	78409	18.338	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	52365	18.743	ug/l	95
56) Ethyl methacrylate	9.18	69	77741	18.655	ug/l	99
57) 1,3-Dichloropropane	9.37	76	86289	18.253	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	212693	91.384	ug/l	99
59) 2-Hexanone	9.49	43	360080	93.427	ug/l	99
60) Dibromochloromethane	9.59	129	50314	17.261	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53521	18.517	ug/l	100
64) Tetrachloroethene	9.34	164	58058	20.966	ug/l	98
65) Chlorobenzene	10.14	112	141441	19.911	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	48660	18.787	ug/l	99
67) Ethyl Benzene	10.25	91	235858	20.181	ug/l	99
68) m/p-Xylenes	10.36	106	186535	41.138	ug/l	99
69) o-Xylene	10.70	106	88636	20.777	ug/l	100
70) Styrene	10.71	104	147373	20.637	ug/l	99
71) Bromoform	10.86	173	39925	17.274	ug/l	# 99
73) Isopropylbenzene	11.02	105	243781	21.911	ug/l	100
74) N-amyl acetate	10.90	43	116030	21.047	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	82785	20.169	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	96944	25.139	ug/l	85
77) Bromobenzene	11.26	156	63840	20.589	ug/l	100
78) n-propylbenzene	11.36	91	278428	21.886	ug/l	100
79) 2-Chlorotoluene	11.42	91	168404	21.349	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	204358	21.472	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22564	19.119	ug/l	97
82) 4-Chlorotoluene	11.51	91	198001	21.288	ug/l	100
83) tert-Butylbenzene	11.77	119	199793	21.059	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	211965	21.974	ug/l	99
85) sec-Butylbenzene	11.94	105	245285	21.667	ug/l	100
86) p-Isopropyltoluene	12.07	119	219500	21.690	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	117681	20.183	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	119485	19.632	ug/l	98
89) n-Butylbenzene	12.39	91	190701	20.874	ug/l	99
90) Hexachloroethane	12.60	117	32157	18.424	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	118912	20.158	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19196	19.342	ug/l	94

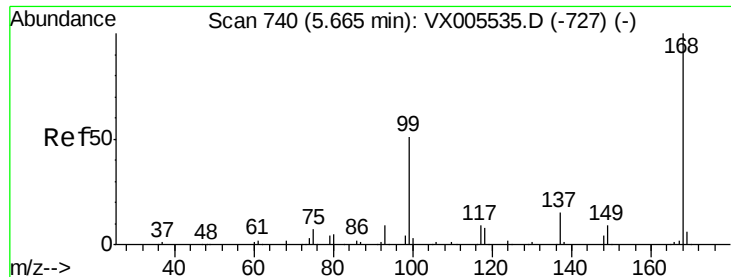
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102618\
Data File : VX005608.D
Acq On : 26 Oct 2018 16:42
Operator : JC/MD
Sample : VX1026WBS01
Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Quant Time: Oct 27 04:46:58 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	88798	20.765	ug/l	98
94) Hexachlorobutadiene	13.79	225	42694	19.266	ug/l	99
95) Naphthalene	13.83	128	282099	22.695	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	91752	21.166	ug/l	100

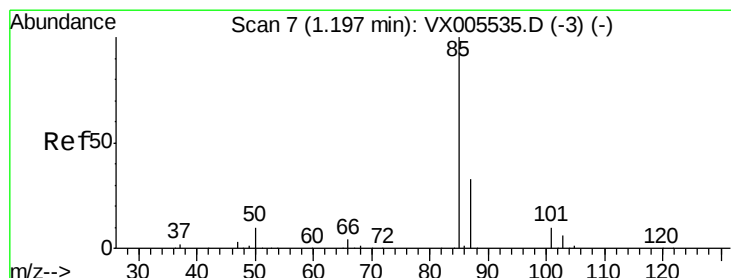
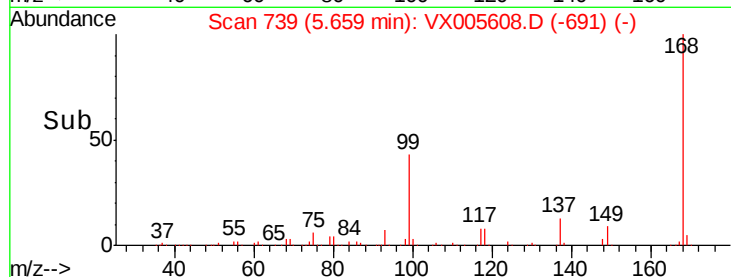
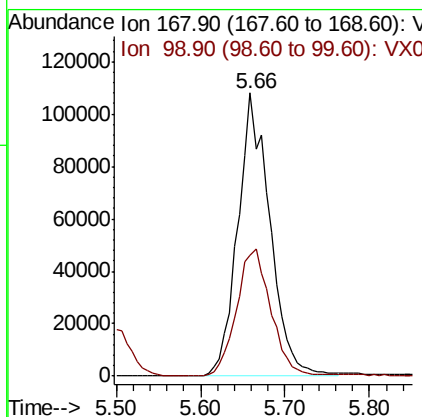
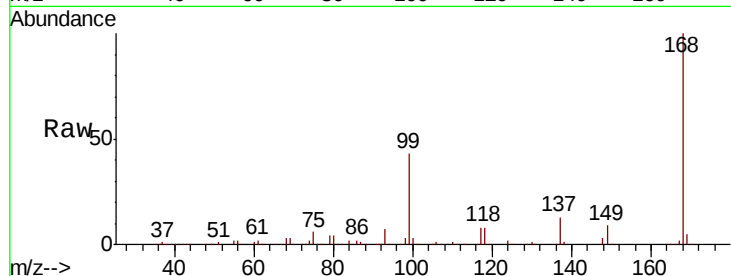
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

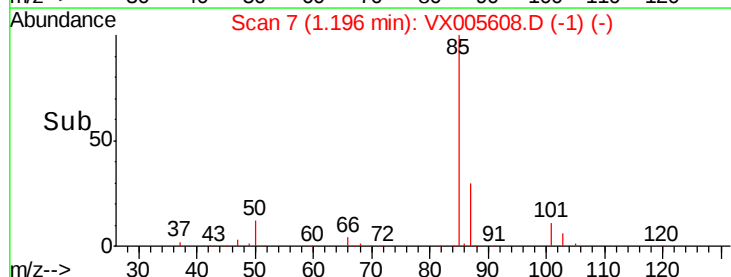
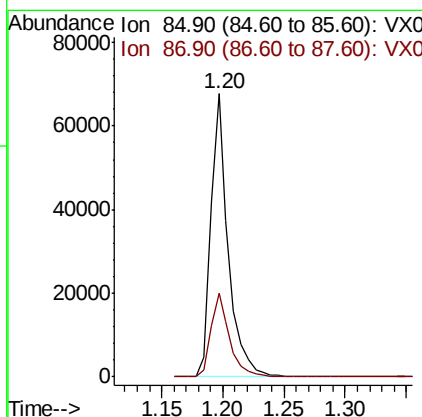
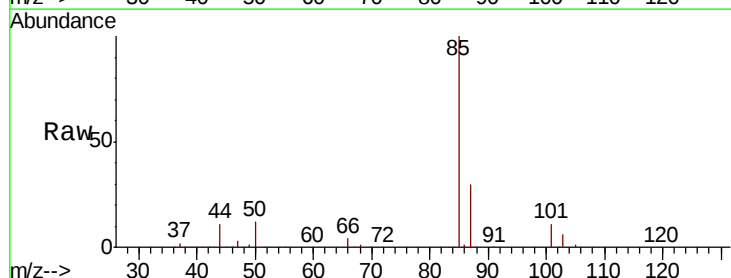
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

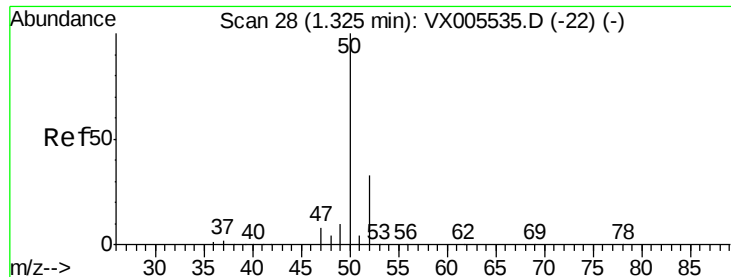
Tot Ion:168 Resp: 278424
Ion Ratio Lower Upper
168 100
99 42.8 40.7 61.1



#2
Dichlorodifluoromethane
Concen: 24.405 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

Tgt Ion: 85 Resp: 67070
Ion Ratio Lower Upper
85 100
87 29.6 16.3 48.9





#3

Chloromethane

Concen: 21.710 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

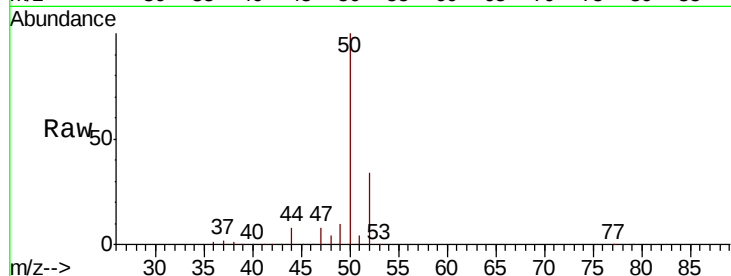
VX1026WBS01

Tot Ion: 50 Resp: 75981

Ion Ratio Lower Upper

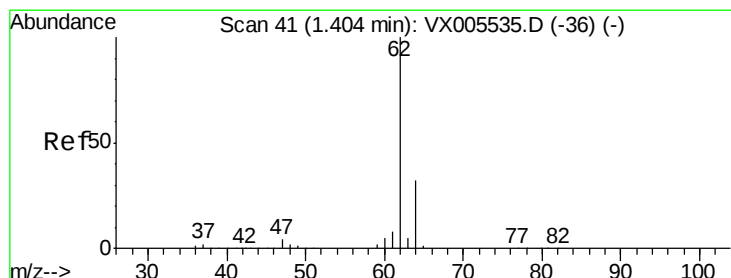
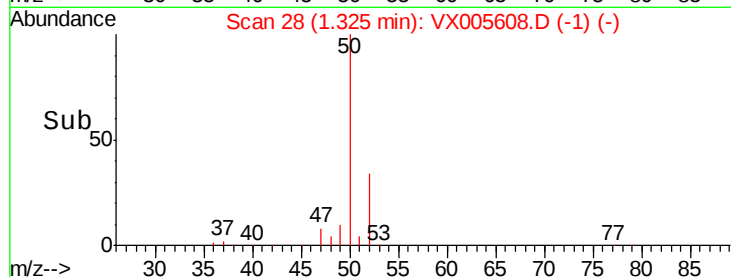
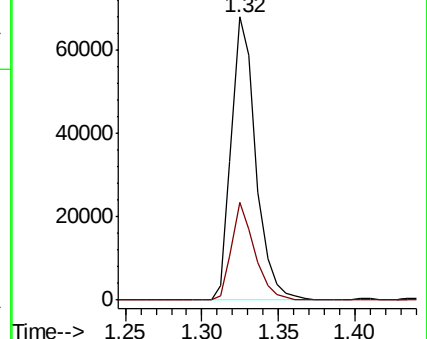
50 100

52 34.3 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: 21.886 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005608.D

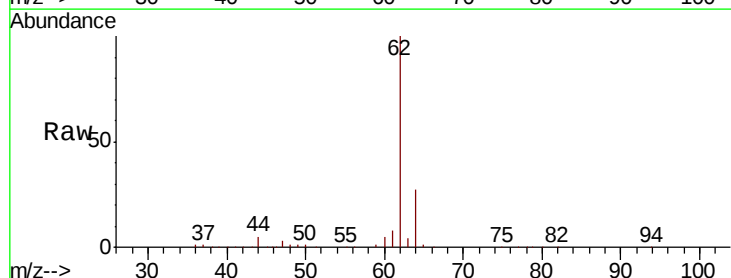
Acq: 26 Oct 2018 16:42

Tgt Ion: 62 Resp: 75318

Ion Ratio Lower Upper

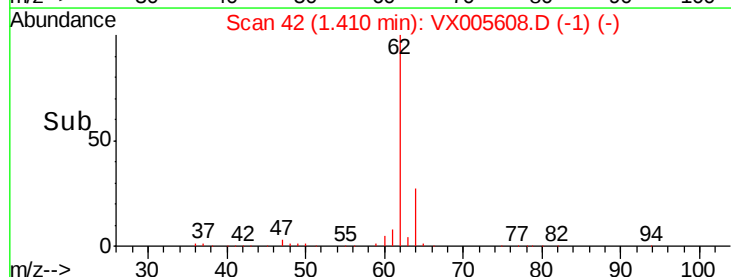
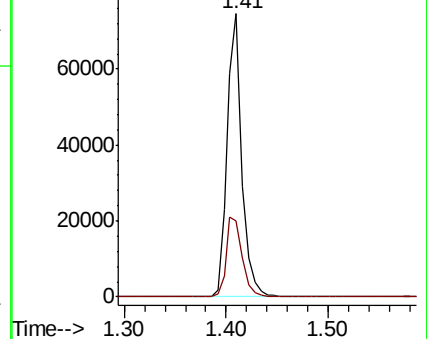
62 100

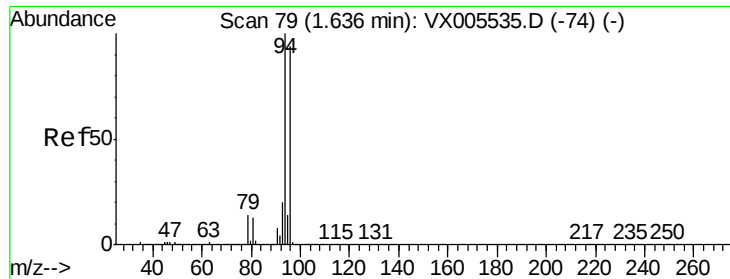
64 26.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.893 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

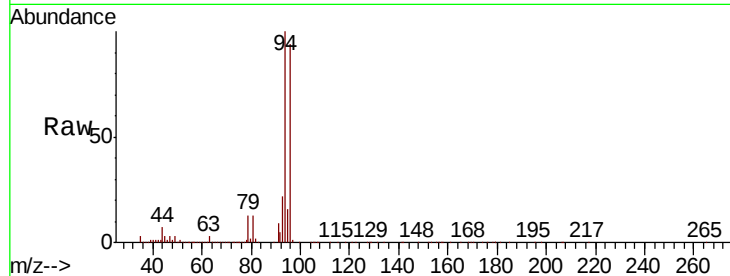
VX1026WBS01

Tot Ion: 94 Resp: 40456

Ion Ratio Lower Upper

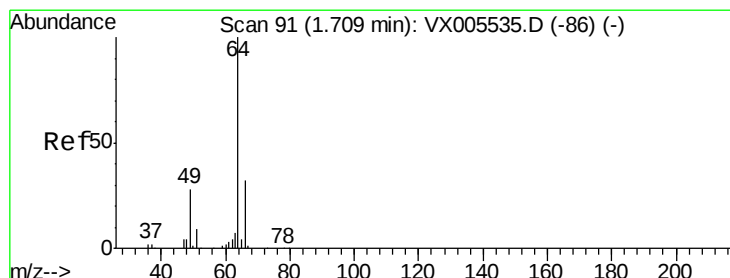
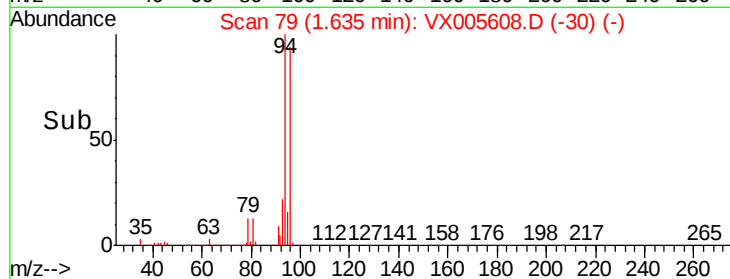
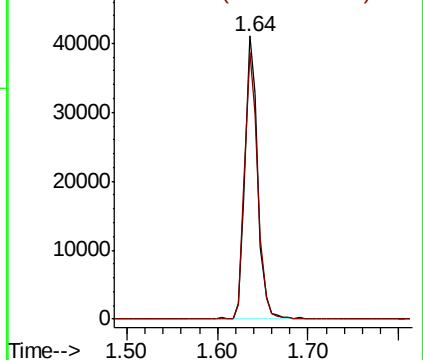
94 100

96 93.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.841 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005608.D

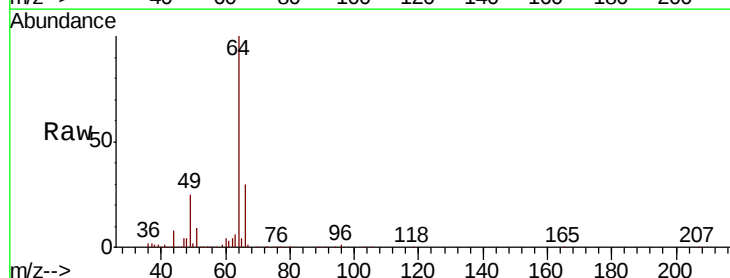
Acq: 26 Oct 2018 16:42

Tgt Ion: 64 Resp: 41421

Ion Ratio Lower Upper

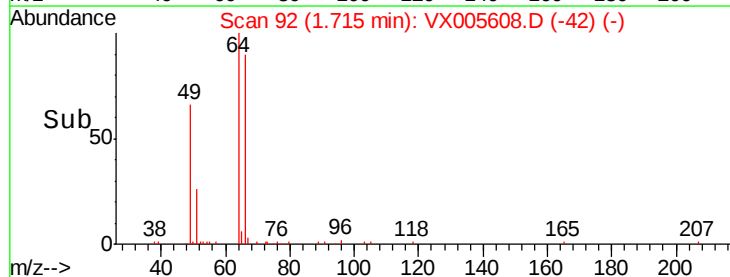
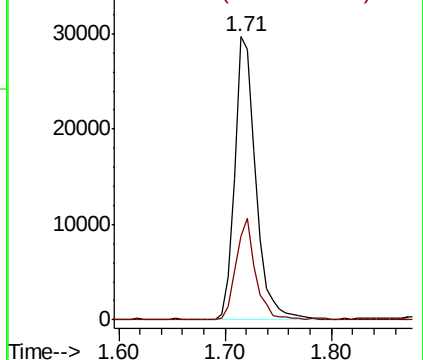
64 100

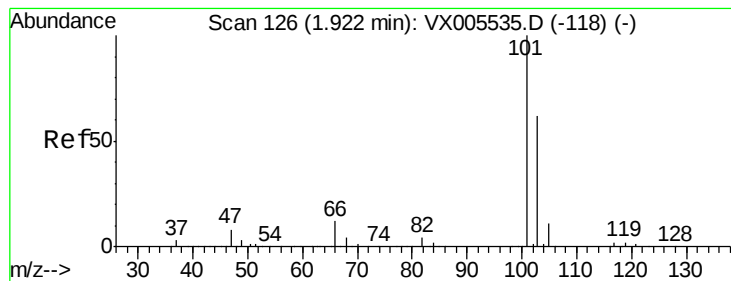
66 29.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



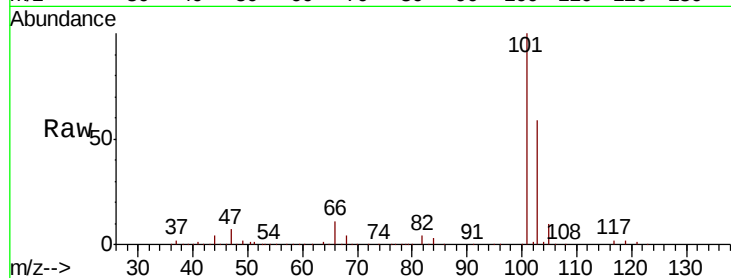


#7

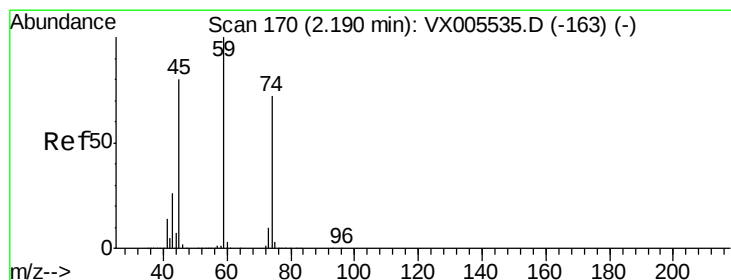
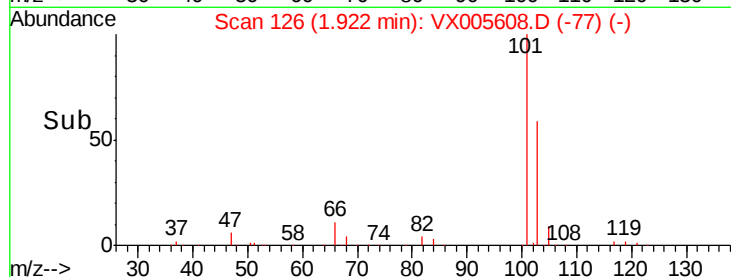
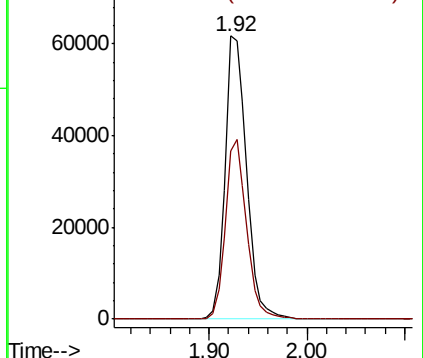
Trichlorofluoromethane
Concen: 19.603 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Tot Ion:101 Resp: 93738
Ion Ratio Lower Upper
101 100
103 59.4 50.0 75.0



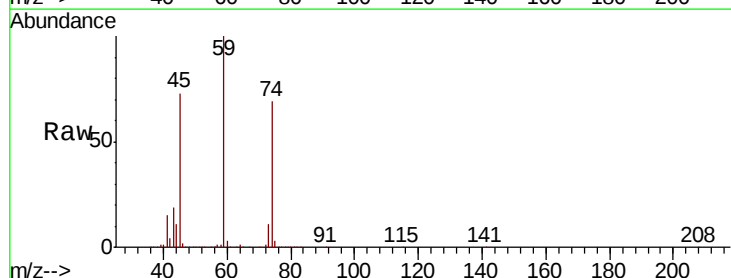
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



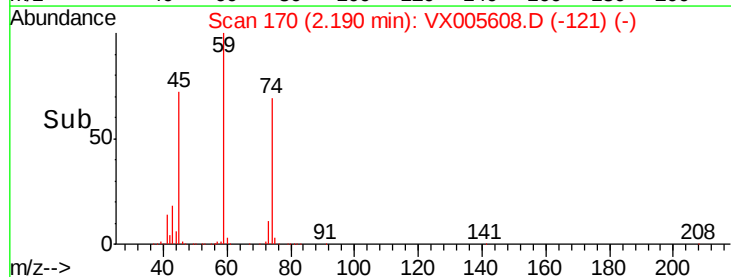
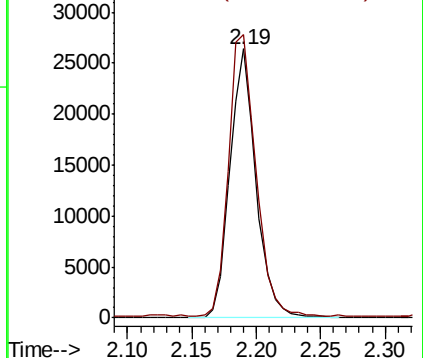
#8

Diethyl Ether
Concen: 19.745 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

Tgt Ion: 74 Resp: 37679
Ion Ratio Lower Upper
74 100
45 109.2 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.098 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

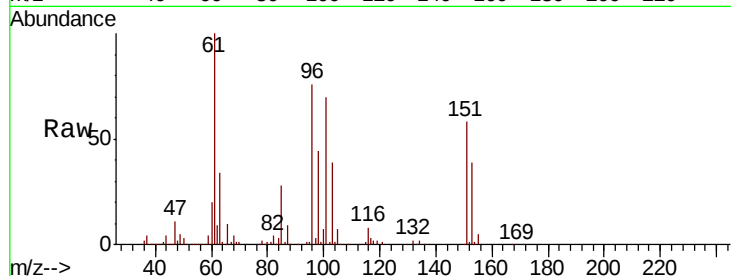
Tot Ion:101 Resp: 52395

Ion Ratio Lower Upper

101 100

85 43.4 35.0 52.4

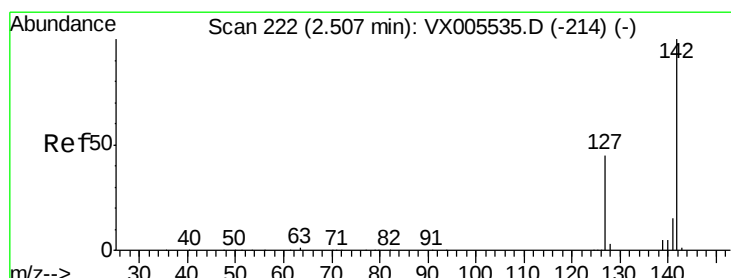
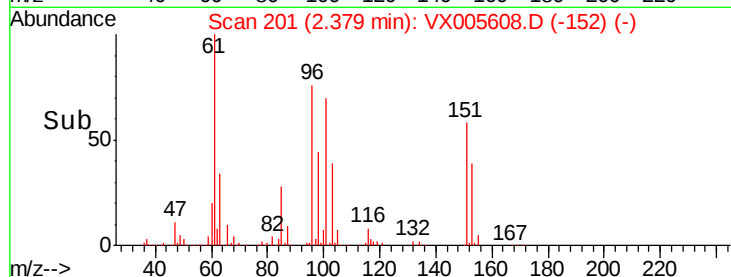
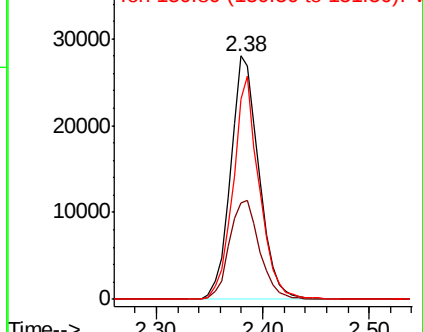
151 84.8 66.2 99.2



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: 23.558 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

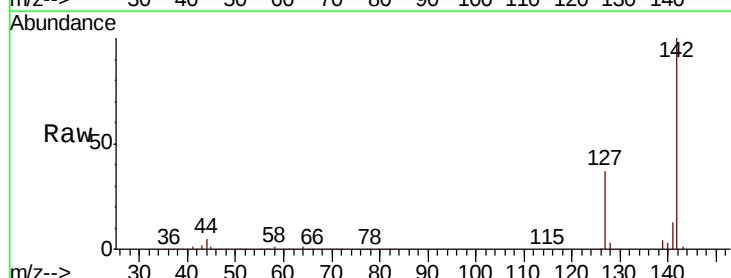
Tgt Ion:142 Resp: 63134

Ion Ratio Lower Upper

142 100

127 42.9 36.0 54.0

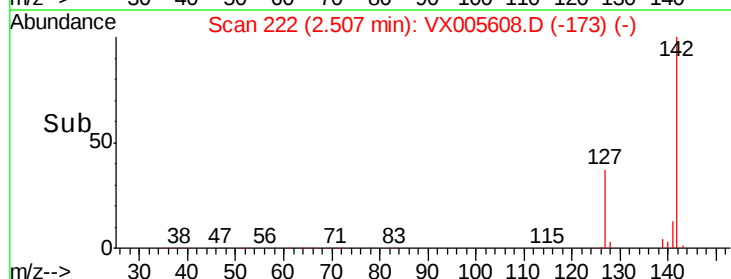
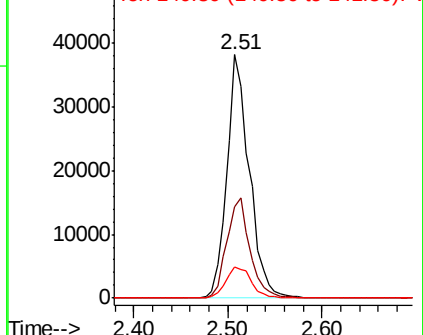
141 14.5 11.7 17.5

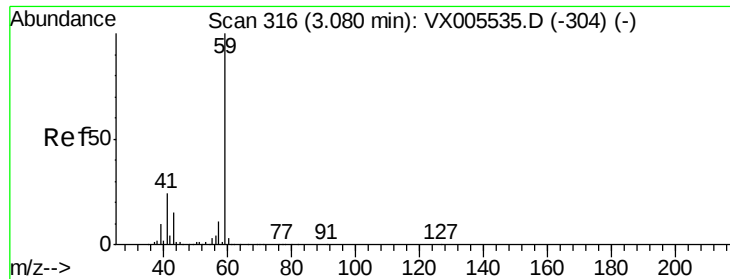


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



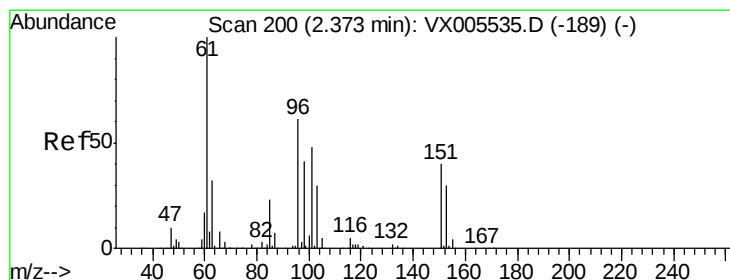
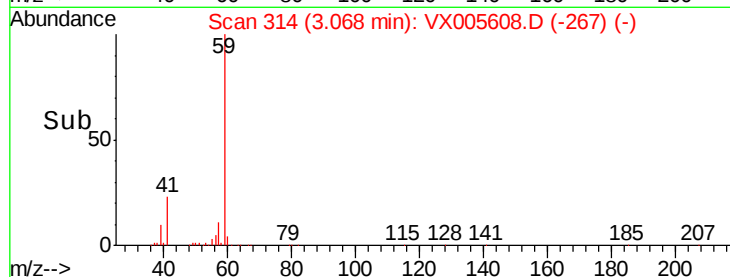
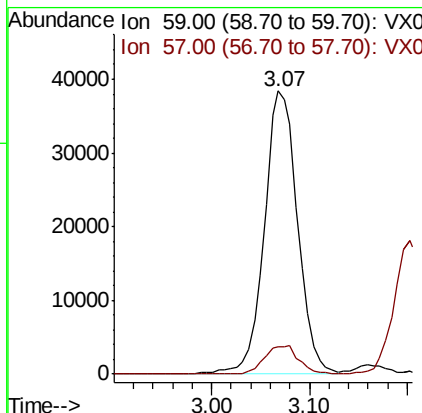
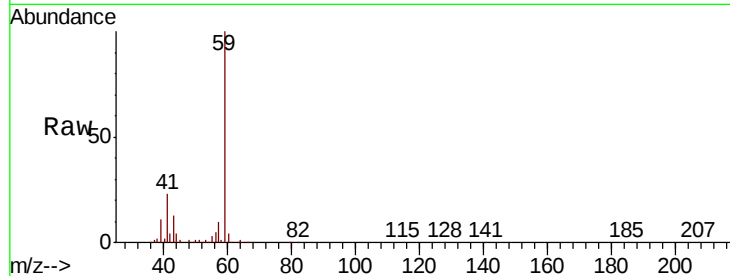


#11

Tert butyl alcohol
 Concen: 99.863 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005608.D
 Acq: 26 Oct 2018 16:42

Instrument :
 MSVOA_X
 ClientSampled :
 VX1026WBS01

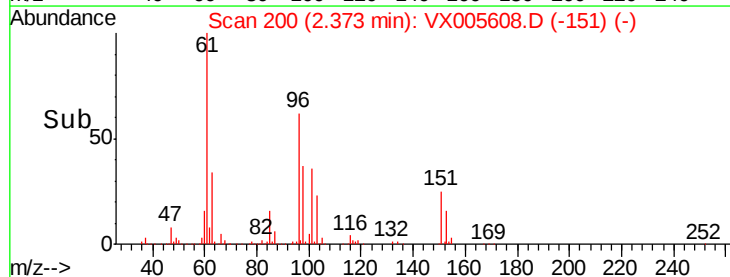
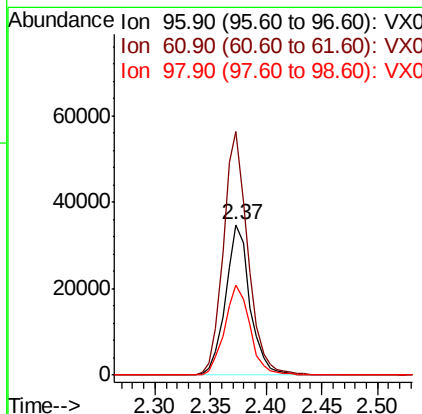
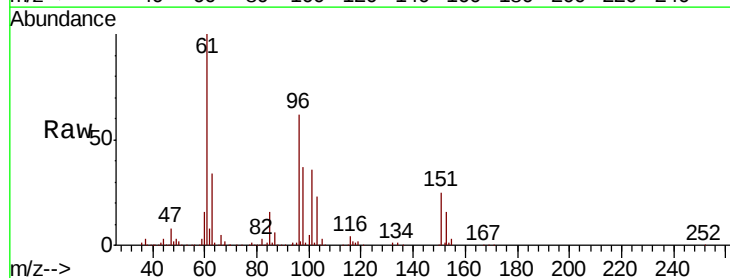
Tot Ion: 59 Resp: 91333
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.5 12.7

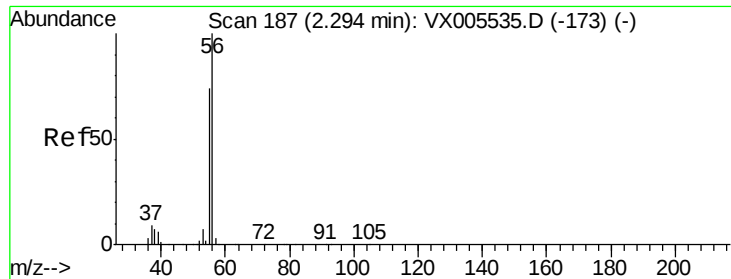


#12

1,1-Dichloroethene
 Concen: 20.157 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005608.D
 Acq: 26 Oct 2018 16:42

Tgt Ion: 96 Resp: 52681
 Ion Ratio Lower Upper
 96 100
 61 161.7 131.8 197.8
 98 59.5 53.4 80.2





#13

Acrolein

Concen: 90.058 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampled :

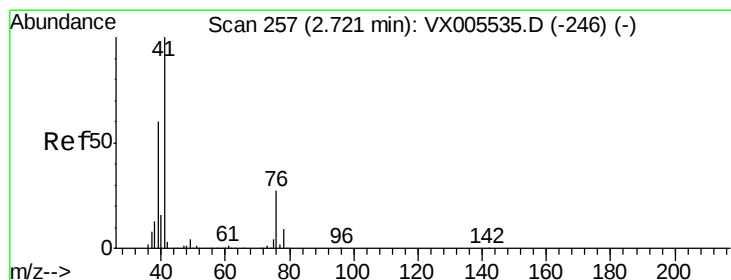
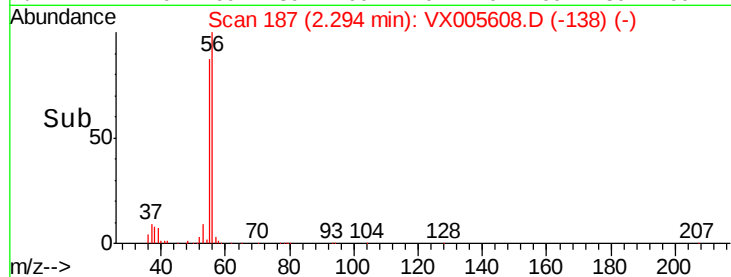
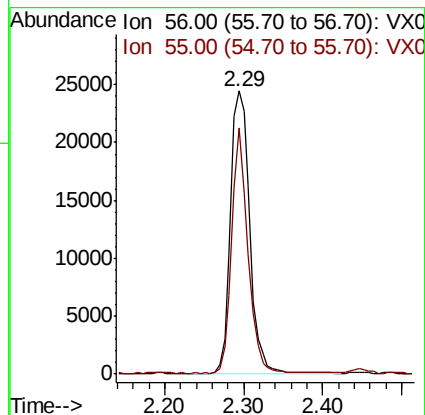
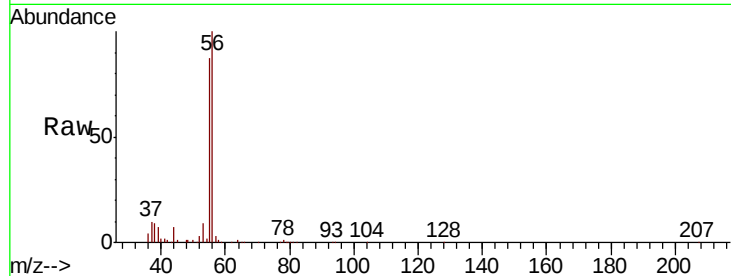
VX1026WBS01

Tot Ion: 56 Resp: 42015

Ion Ratio Lower Upper

56 100

55 71.6 57.3 85.9



#14

Allyl chloride

Concen: 19.303 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

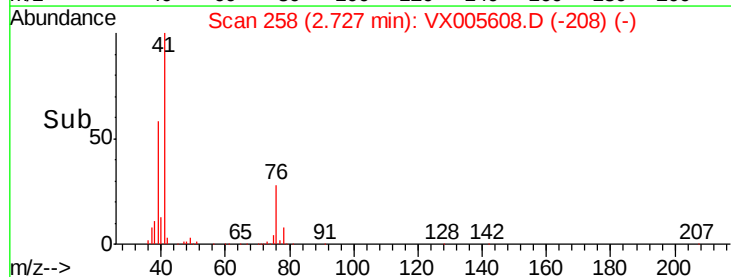
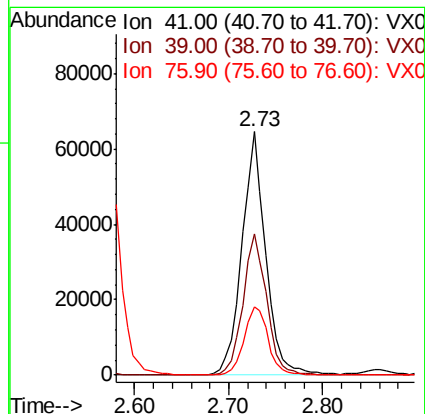
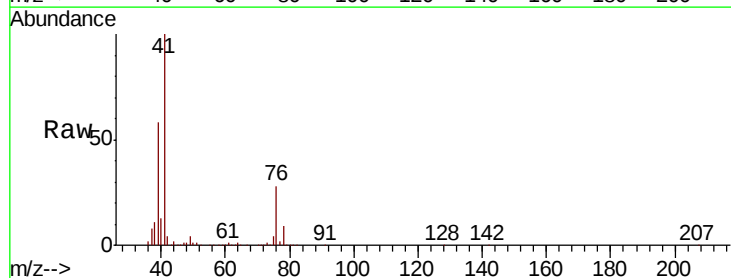
Tgt Ion: 41 Resp: 112591

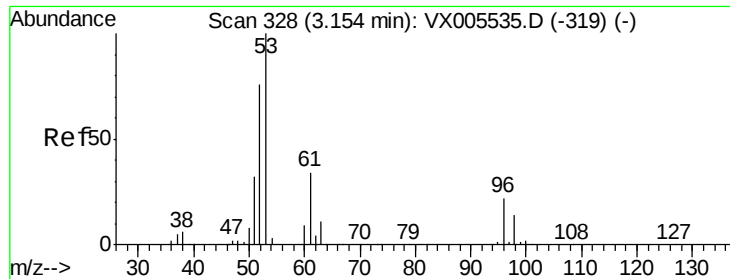
Ion Ratio Lower Upper

41 100

39 57.7 48.2 72.4

76 28.8 21.9 32.9

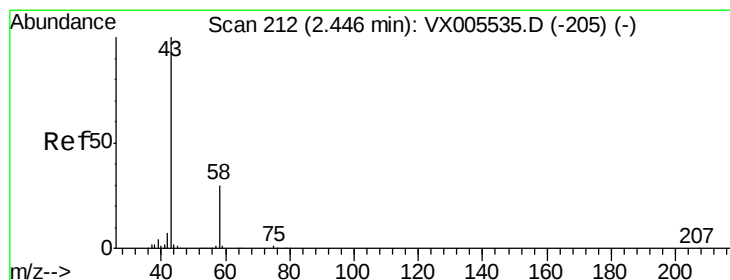
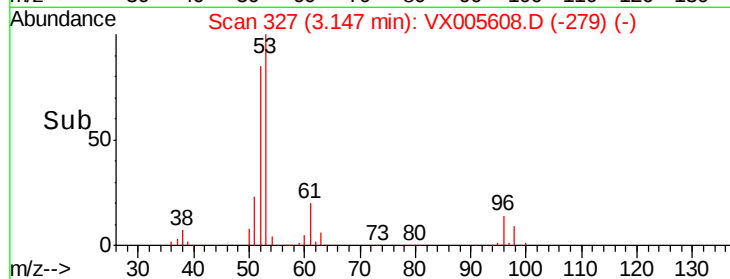
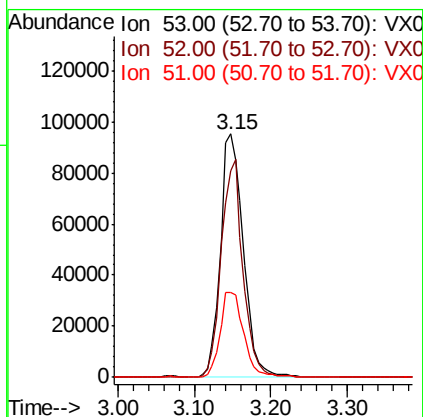
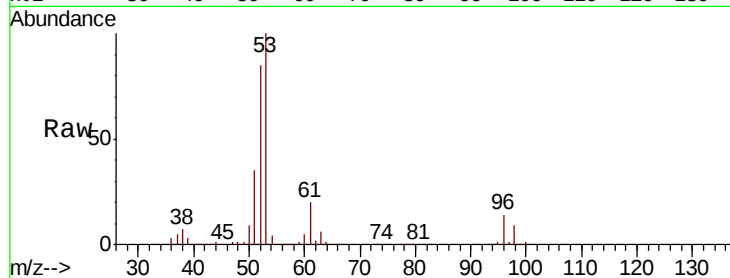




#15
 Acrylonitrile
 Concen: 96.033 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX005608.D
 Acq: 26 Oct 2018 16:42

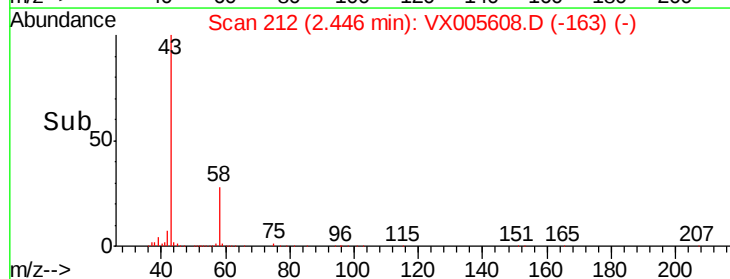
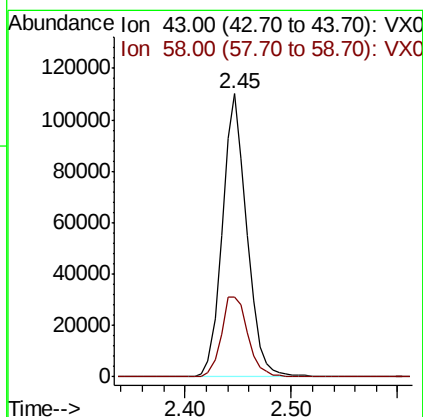
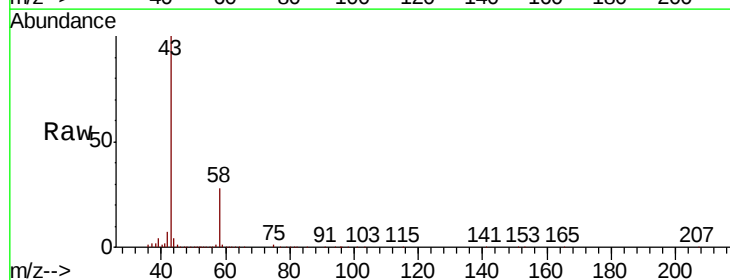
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

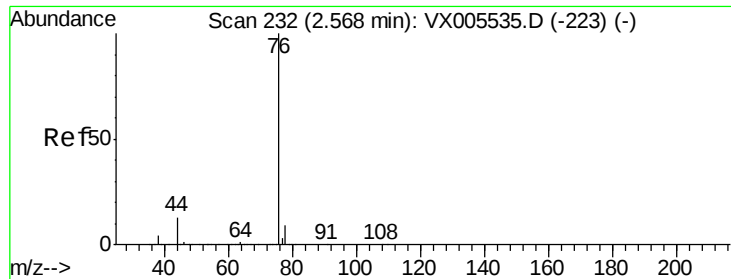
Tot Ion: 53 Resp: 196948
 Ion Ratio Lower Upper
 53 100
 52 84.5 66.6 99.8
 51 35.8 28.4 42.6



#16
 Acetone
 Concen: 97.732 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005608.D
 Acq: 26 Oct 2018 16:42

Tgt Ion: 43 Resp: 175519
 Ion Ratio Lower Upper
 43 100
 58 28.2 23.8 35.6





#17

Carbon Disulfide

Concen: 18.037 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

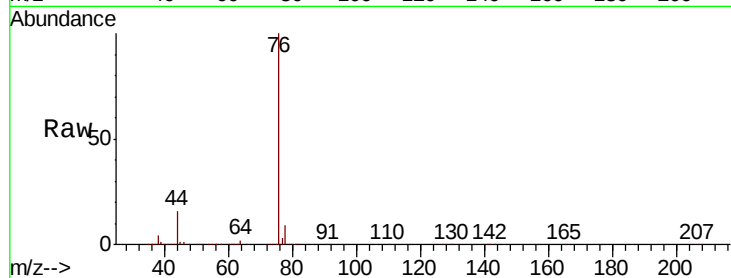
VX1026WBS01

Tot Ion: 76 Resp: 143700

Ion Ratio Lower Upper

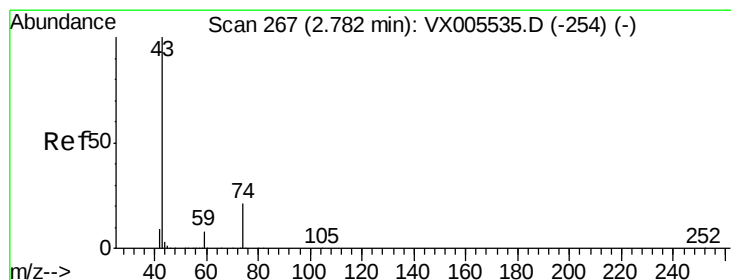
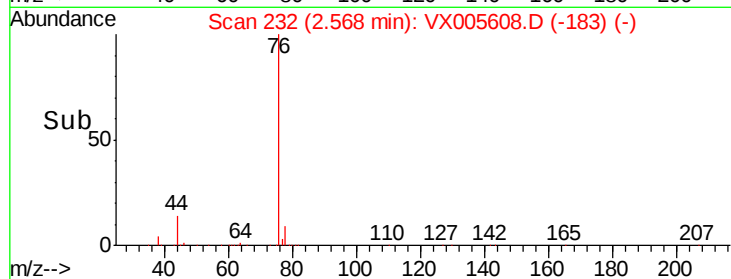
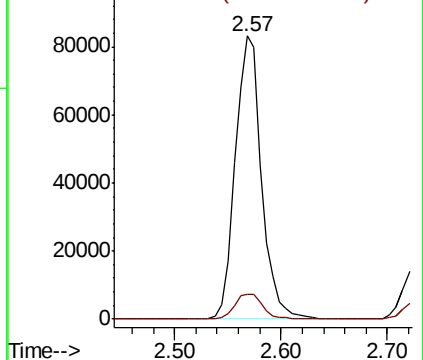
76 100

78 8.9 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: 20.464 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005608.D

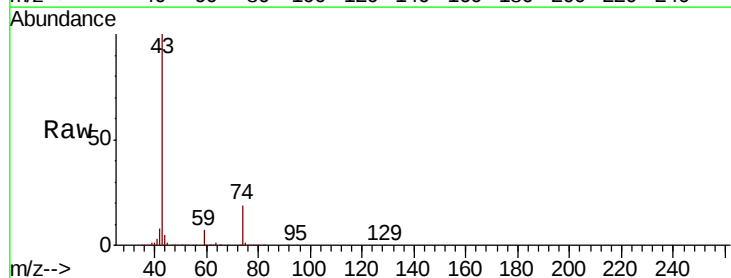
Acq: 26 Oct 2018 16:42

Tgt Ion: 43 Resp: 94620

Ion Ratio Lower Upper

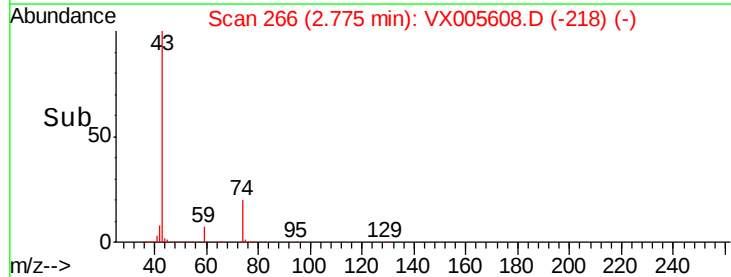
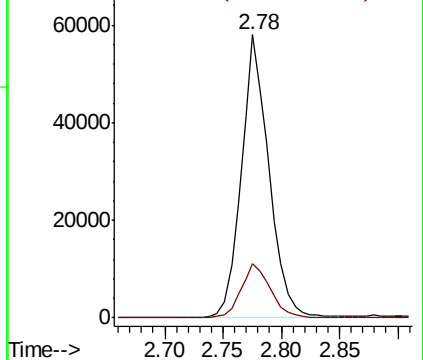
43 100

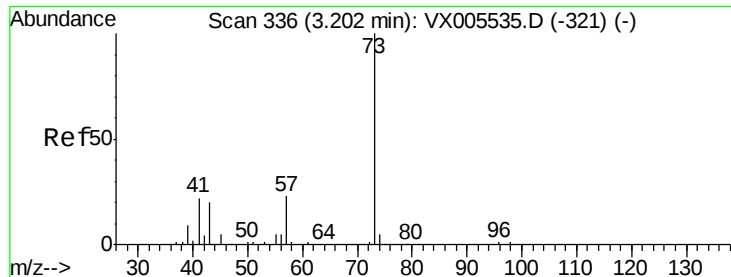
74 21.0 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



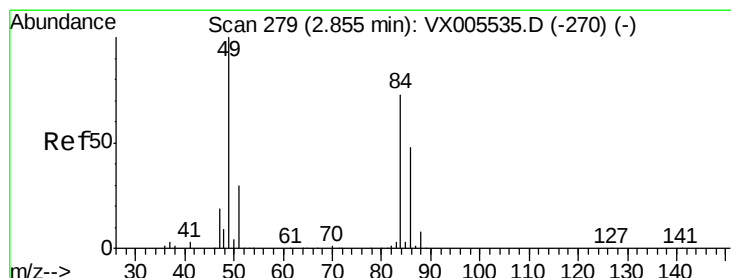
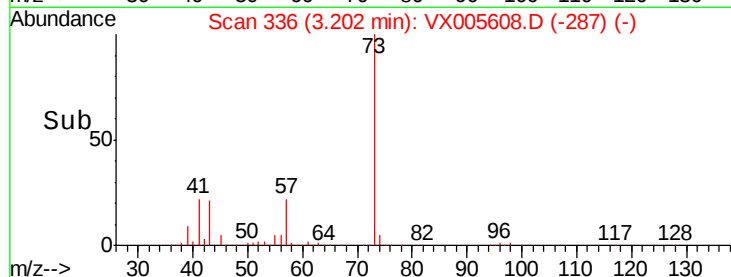
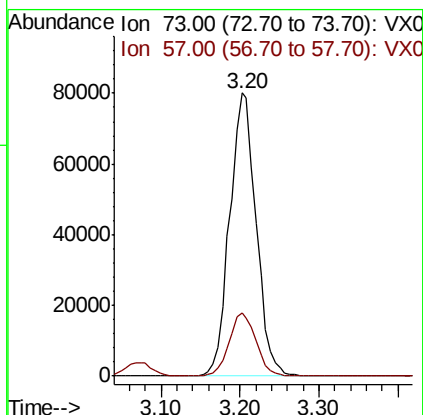
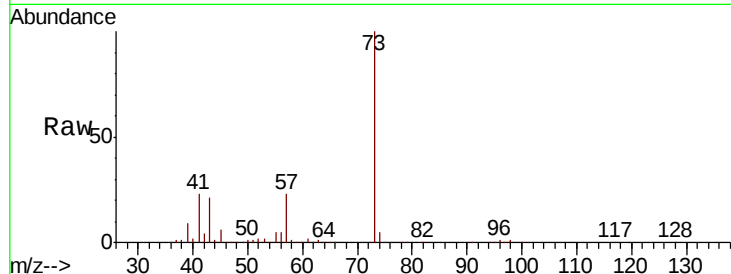


#19

Methyl tert-butyl Ether
 Concen: 20.060 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005608.D
 Acq: 26 Oct 2018 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

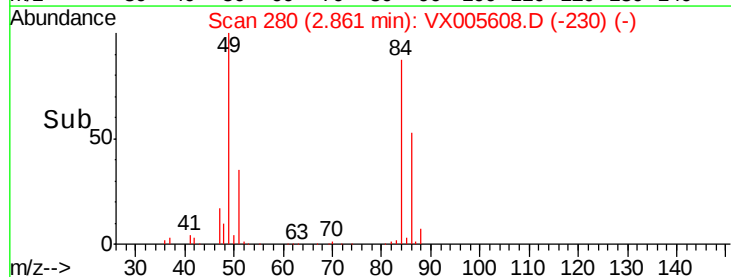
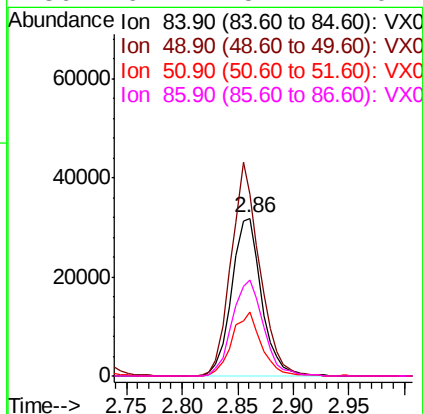
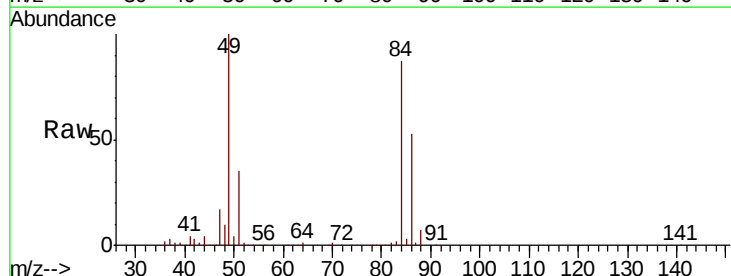
Tot Ion: 73 Resp: 187015
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.8 28.2

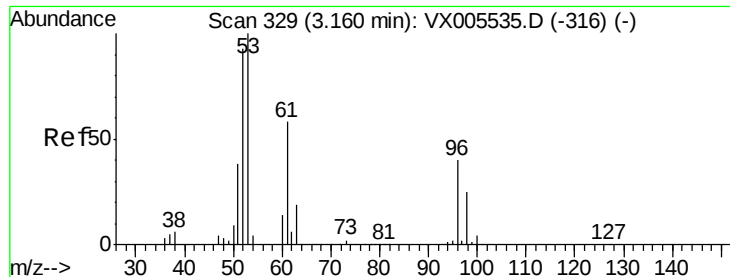


#20

Methylene Chloride
 Concen: 19.722 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX005608.D
 Acq: 26 Oct 2018 16:42

Tgt Ion: 84 Resp: 59322
 Ion Ratio Lower Upper
 84 100
 49 115.0 109.5 164.3
 51 40.5 33.3 49.9
 86 61.1 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 19.451 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampled :

VX1026WBS01

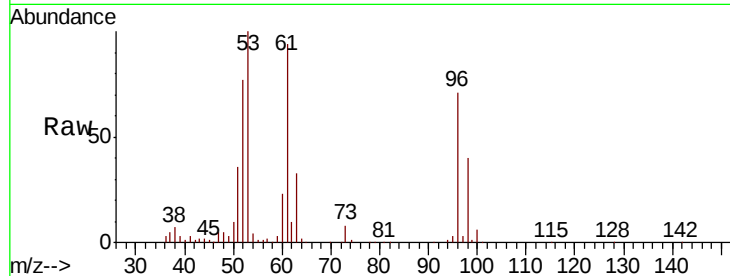
Tot Ion: 96 Resp: 55507

Ion Ratio Lower Upper

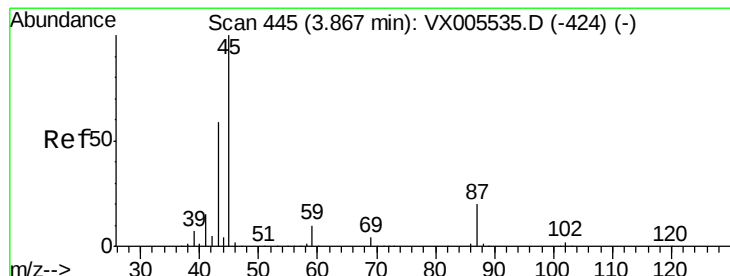
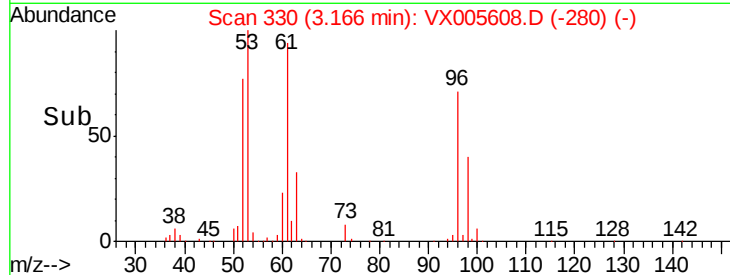
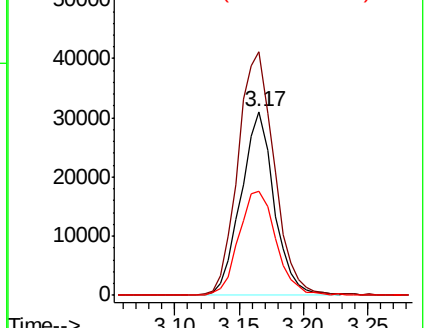
96 100

61 132.3 115.6 173.4

98 56.9 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: 19.751 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.01 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Tgt Ion: 45 Resp: 201183

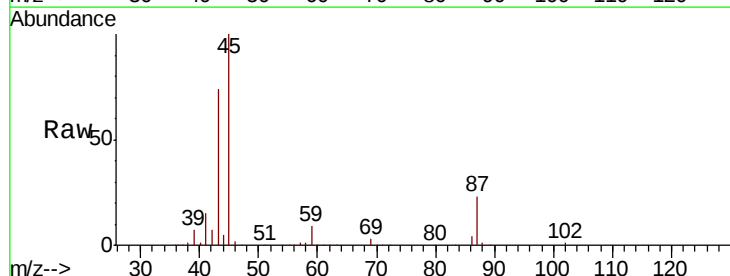
Ion Ratio Lower Upper

45 100

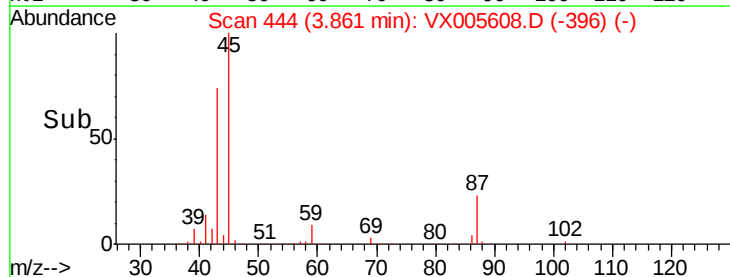
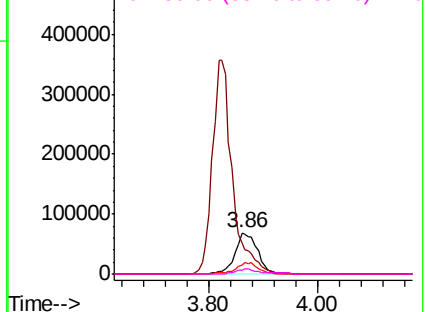
43 73.7 47.4 71.2#

87 23.4 15.9 23.9

59 9.3 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: 100.815 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

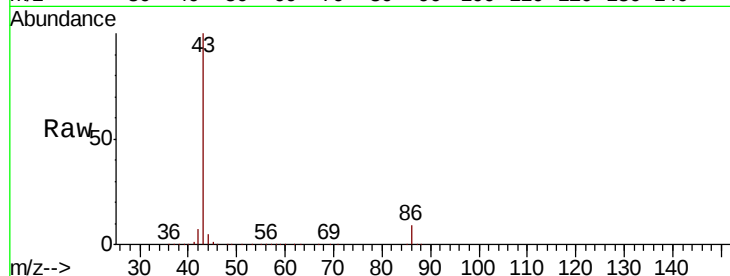
VX1026WBS01

Tot Ion: 43 Resp: 904402

Ion Ratio Lower Upper

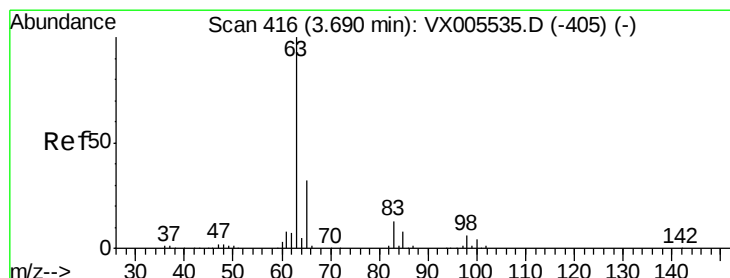
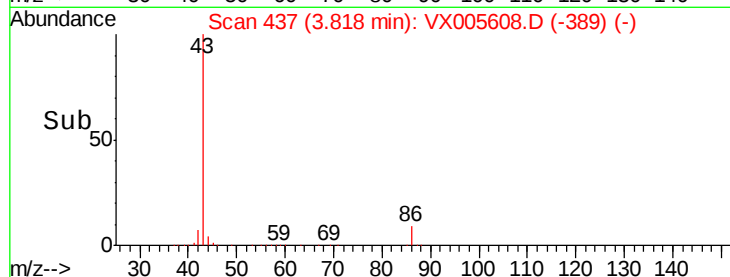
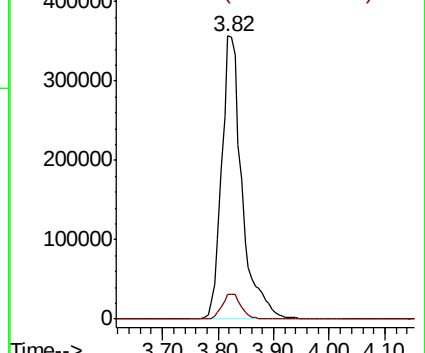
43 100

86 8.7 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.351 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

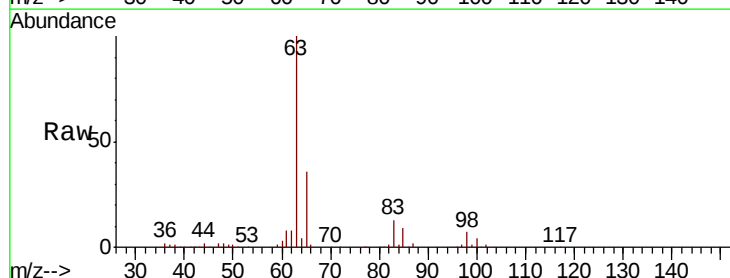
Tgt Ion: 63 Resp: 107166

Ion Ratio Lower Upper

63 100

98 6.7 3.2 9.6

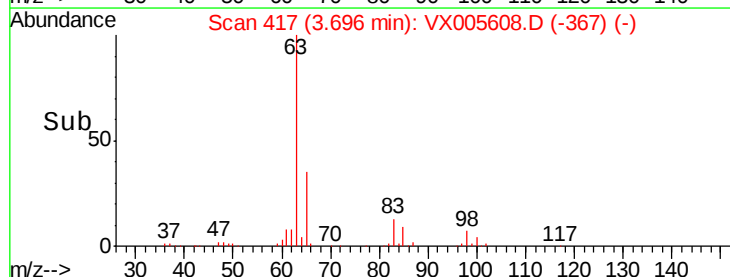
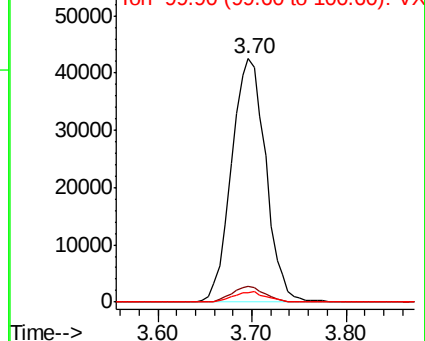
100 3.8 2.1 6.2

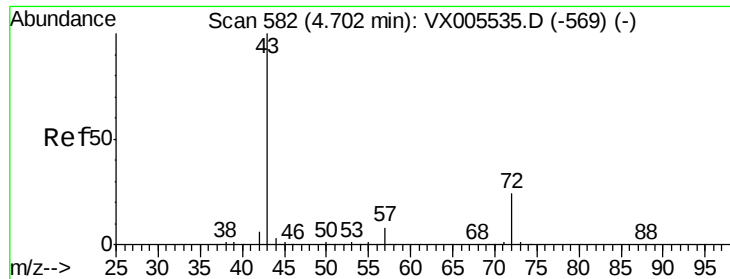


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 102.027 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

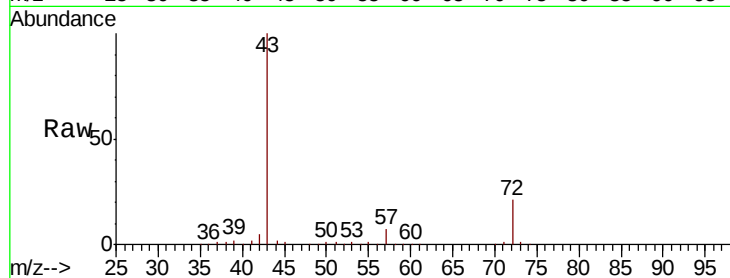
VX1026WBS01

Tot Ion: 43 Resp: 279025

Ion Ratio Lower Upper

43 100

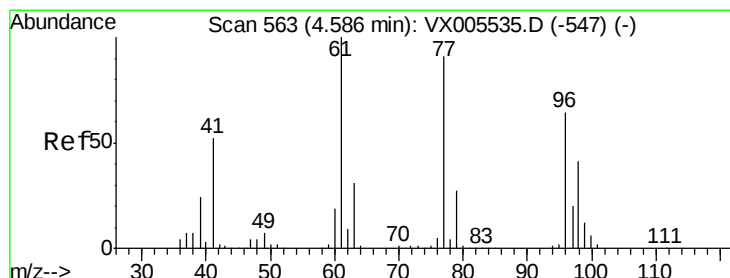
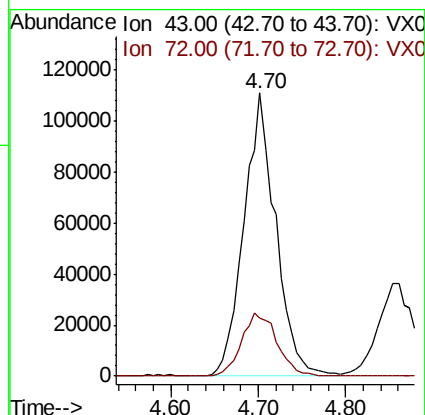
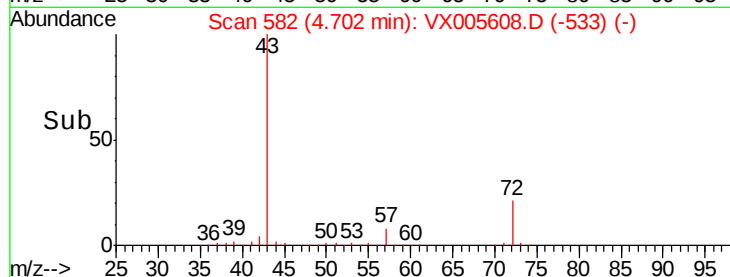
72 20.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Time-->



#26

2,2-Dichloropropane

Concen: 17.876 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005608.D

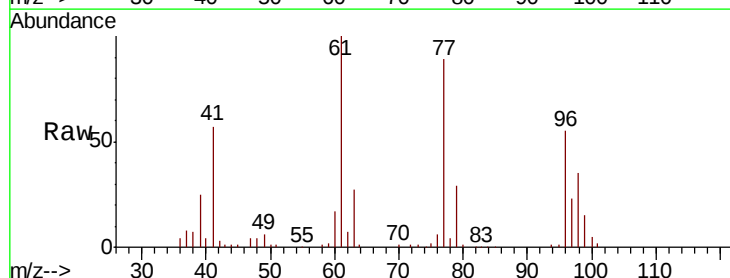
Acq: 26 Oct 2018 16:42

Tgt Ion: 77 Resp: 76430

Ion Ratio Lower Upper

77 100

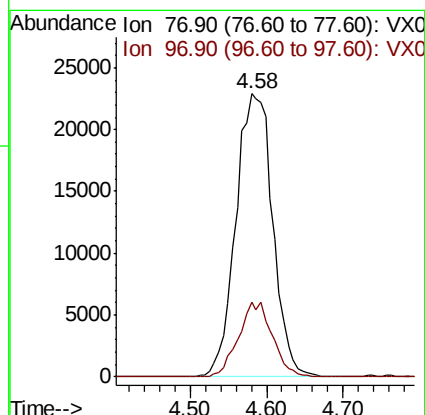
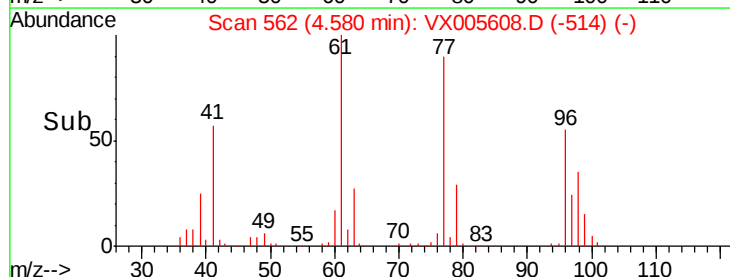
97 24.1 11.5 34.5

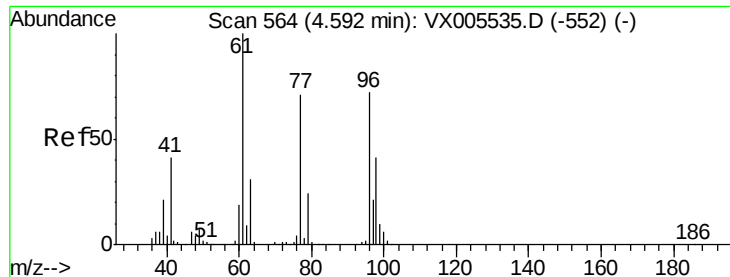


Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

Time-->



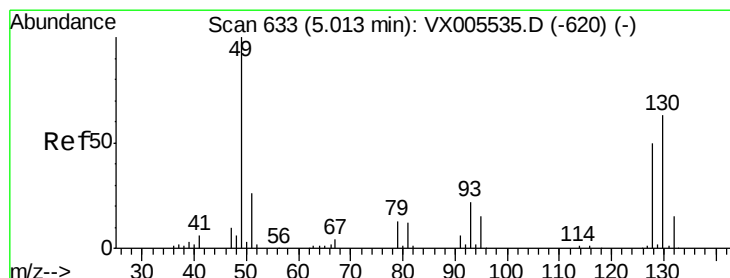
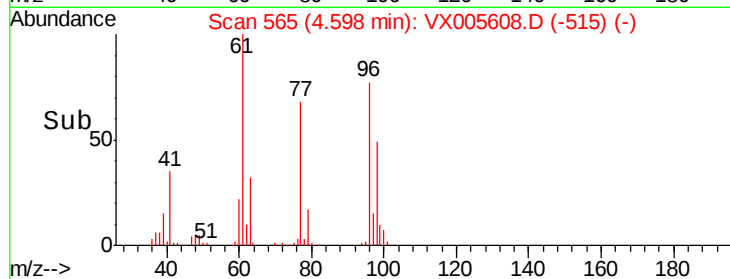
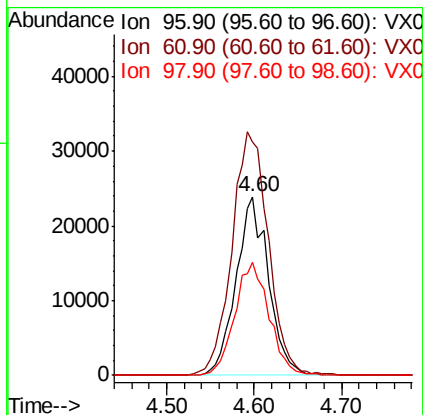
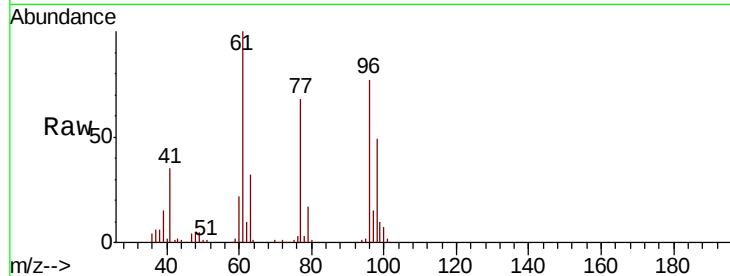


#27

cis-1,2-Dichloroethene
 Concen: 20.079 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX005608.D
 Acq: 26 Oct 2018 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

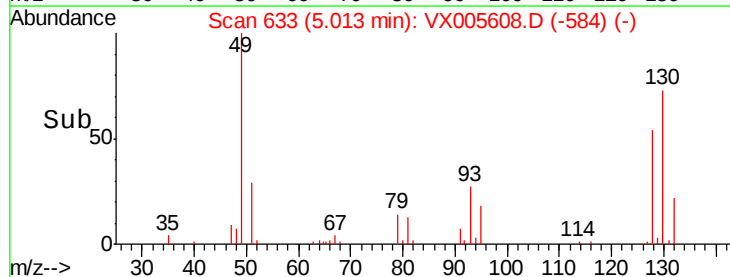
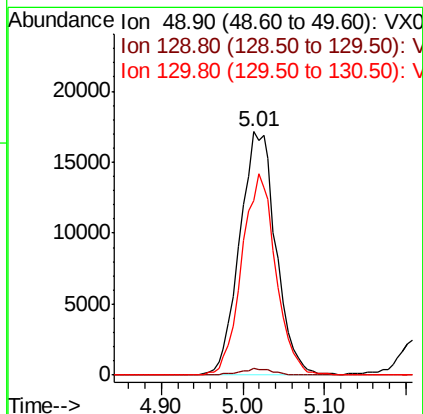
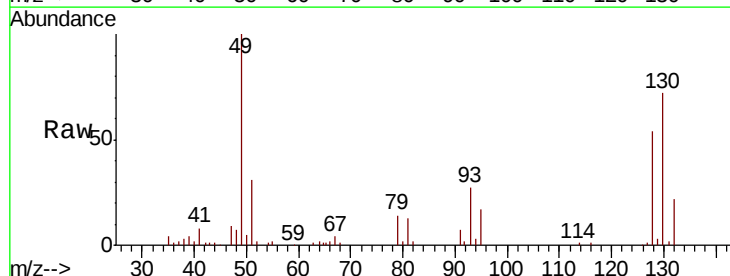
Tot Ion: 96 Resp: 61772
 Ion Ratio Lower Upper
 96 100
 61 151.8 0.0 304.6
 98 66.5 0.0 127.4

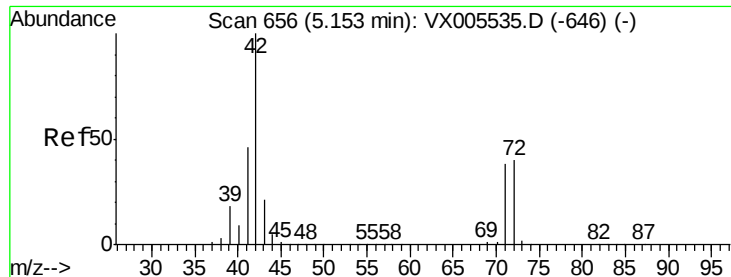


#28

Bromochloromethane
 Concen: 19.814 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX005608.D
 Acq: 26 Oct 2018 16:42

Tgt Ion: 49 Resp: 53073
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.0
 130 77.3 58.9 88.3





#29

Tetrahydrofuran

Concen: 101.897 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

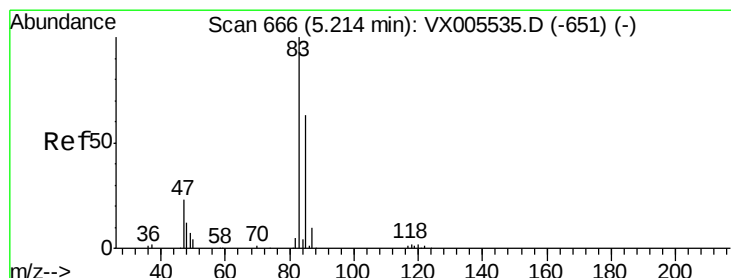
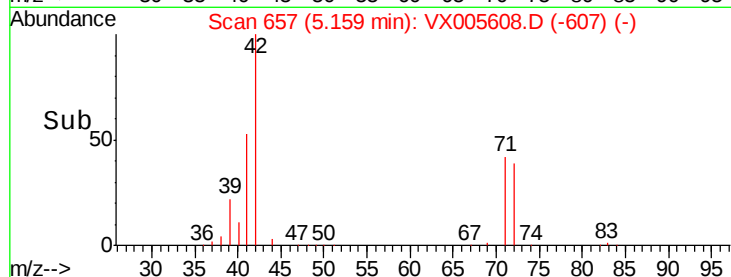
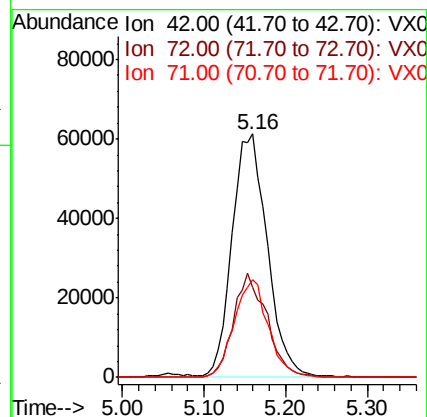
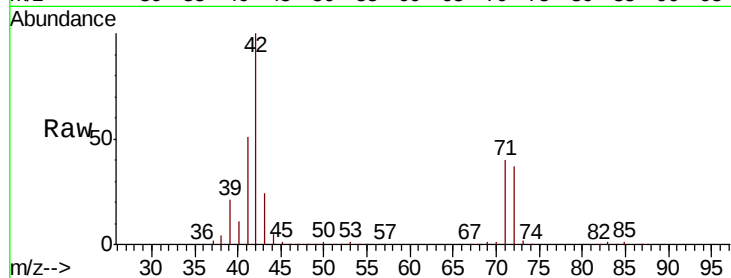
Tot Ion: 42 Resp: 181352

Ion Ratio Lower Upper

42 100

72 41.2 32.0 48.0

71 39.2 29.8 44.8



#30

Chloroform

Concen: 19.305 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005608.D

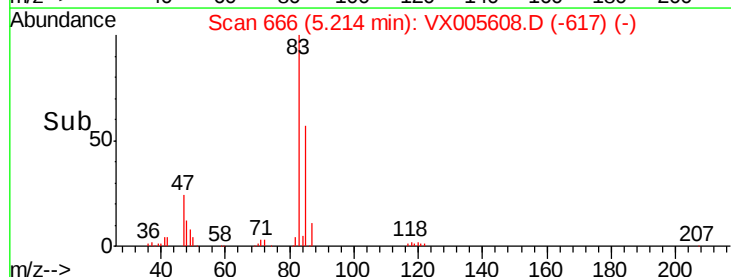
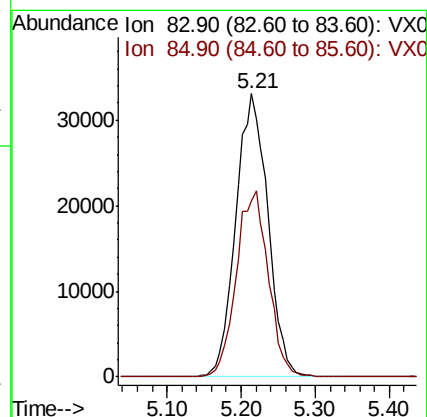
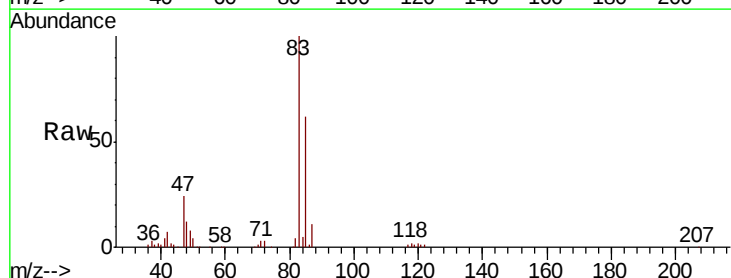
Acq: 26 Oct 2018 16:42

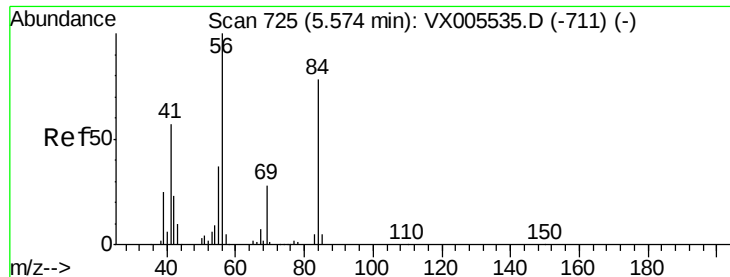
Tgt Ion: 83 Resp: 100006

Ion Ratio Lower Upper

83 100

85 62.3 50.6 76.0





#31

Cyclohexane

Concen: 20.826 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

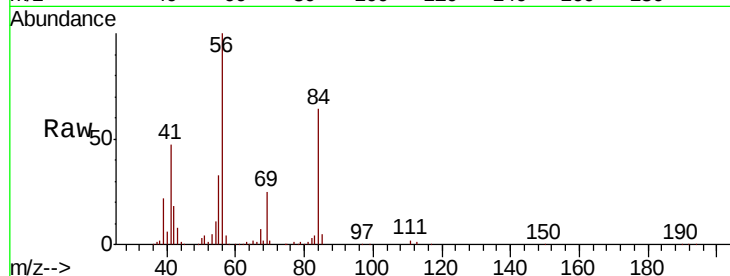
Tot Ion: 56 Resp: 95427

Ion Ratio Lower Upper

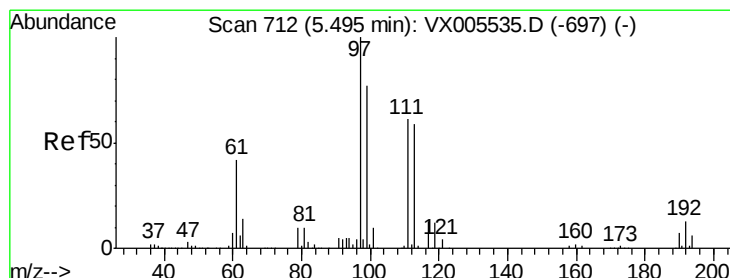
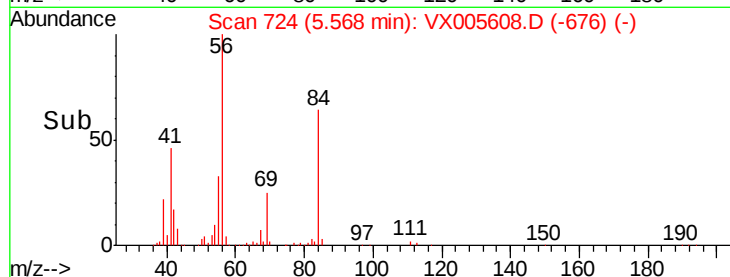
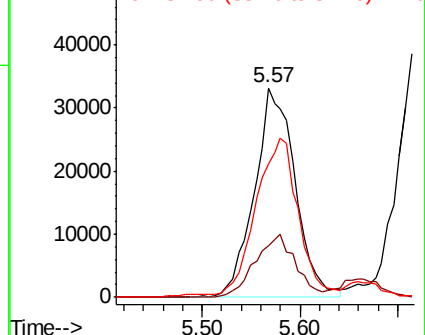
56 100

69 24.8 22.6 34.0

84 62.5 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: 18.946 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

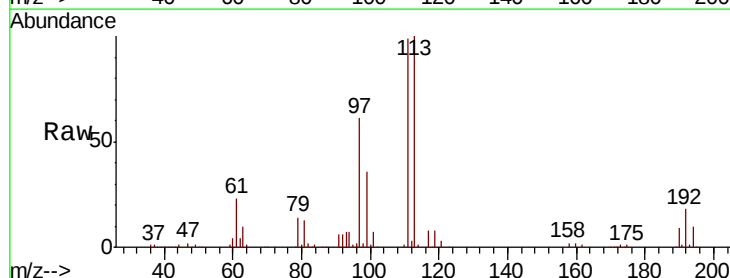
Tgt Ion: 97 Resp: 86622

Ion Ratio Lower Upper

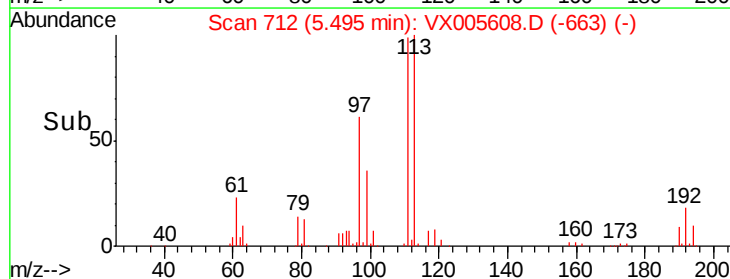
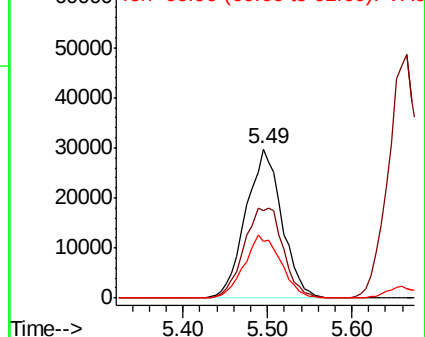
97 100

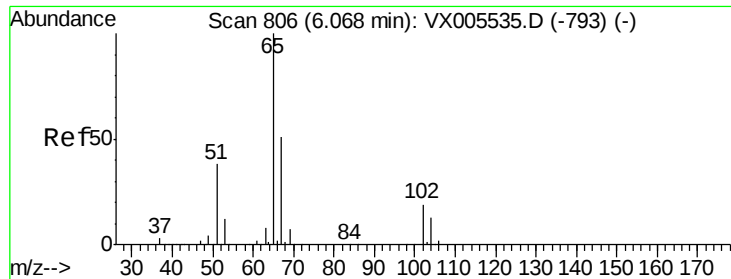
99 65.6 52.3 78.5

61 43.1 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: 47.999 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

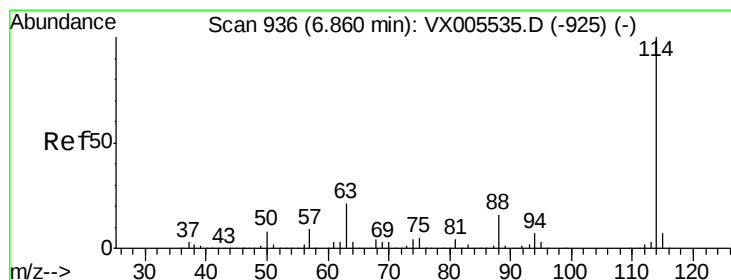
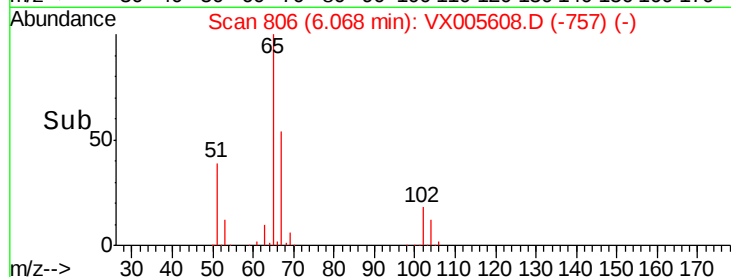
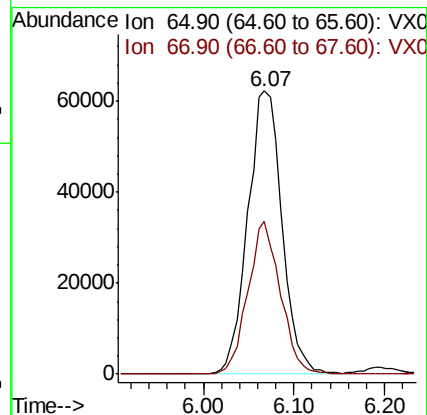
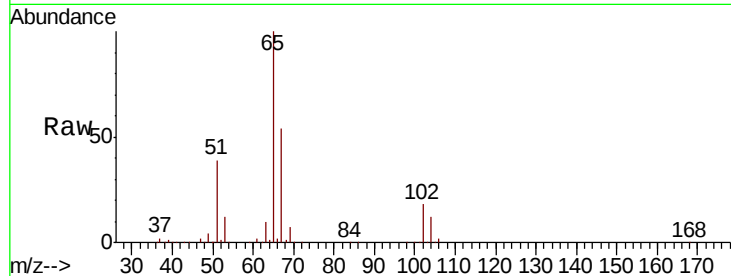
VX1026WBS01

Tot Ion: 65 Resp: 163135

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

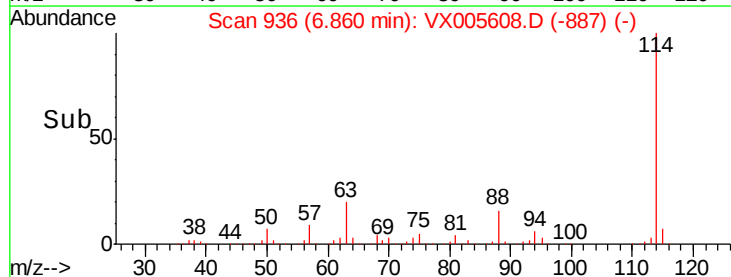
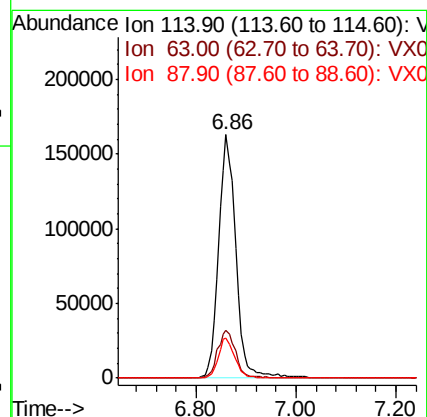
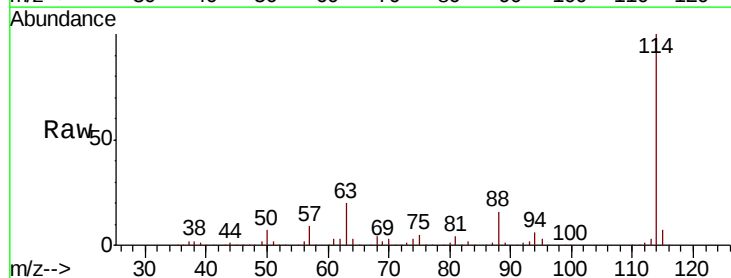
Tgt Ion: 114 Resp: 391945

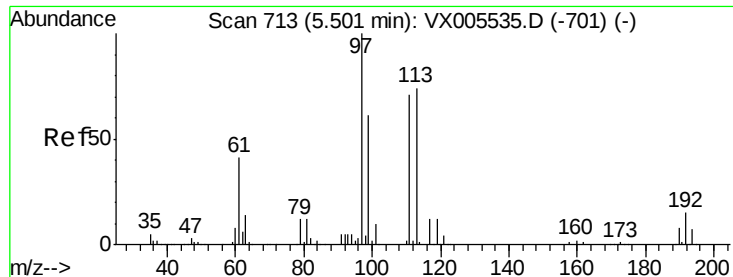
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.8

88 16.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.111 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

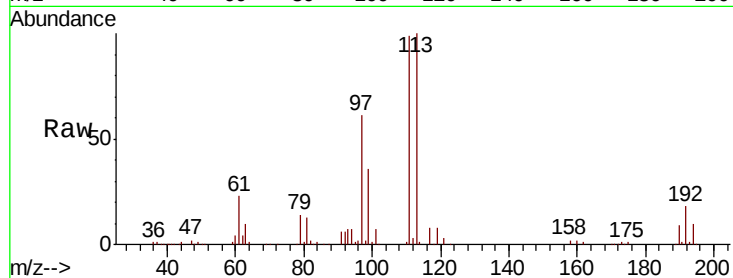
Tot Ion:113 Resp: 132991

Ion Ratio Lower Upper

113 100

111 103.6 82.3 123.5

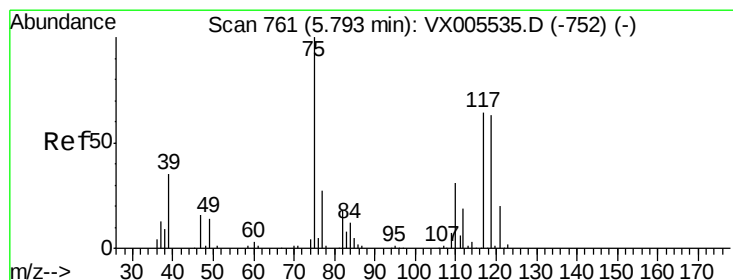
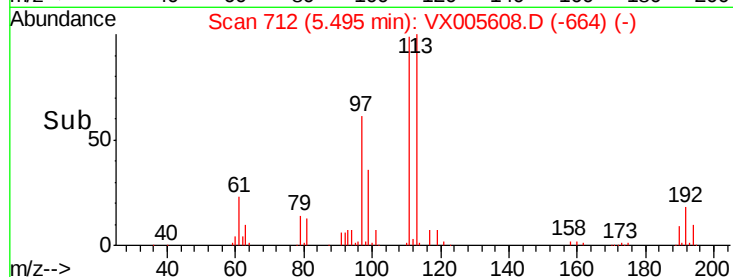
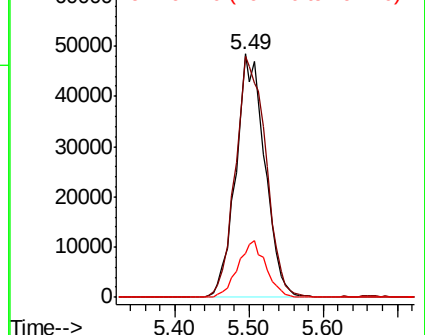
192 22.4 17.9 26.9



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: 19.474 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

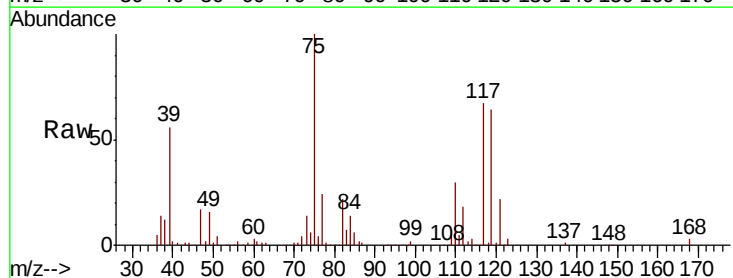
Tgt Ion: 75 Resp: 74074

Ion Ratio Lower Upper

75 100

110 34.7 17.4 52.2

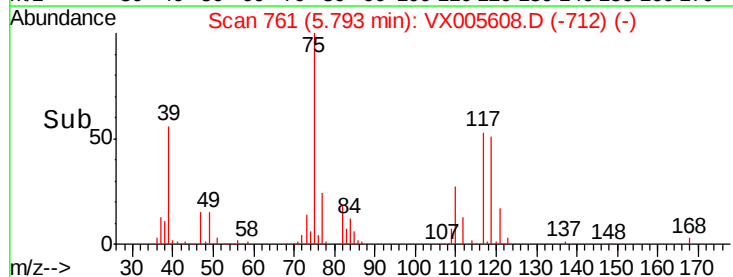
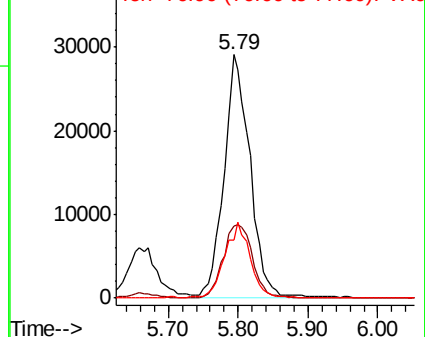
77 30.4 25.8 38.6

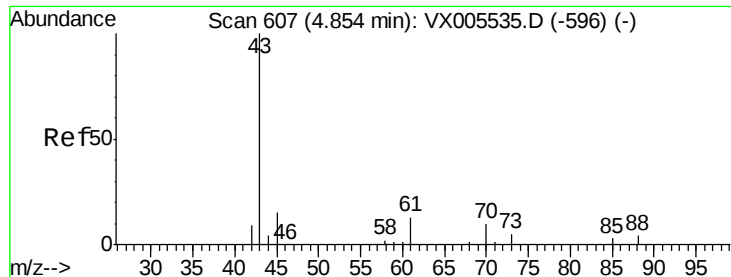


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

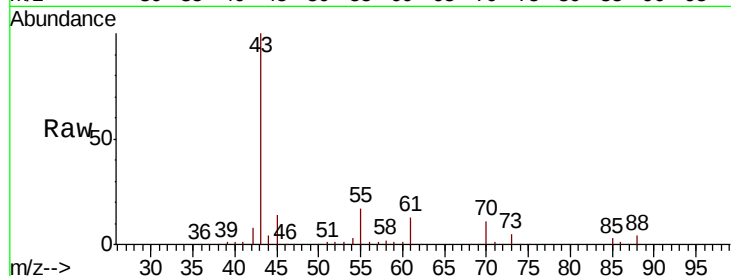




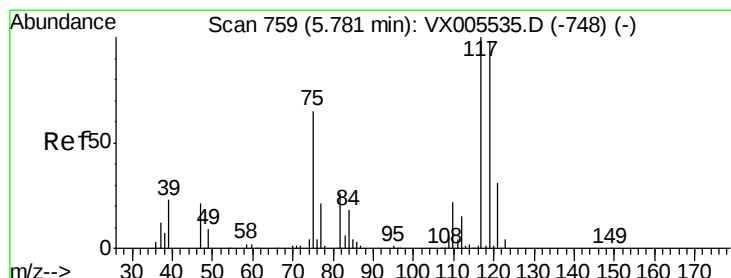
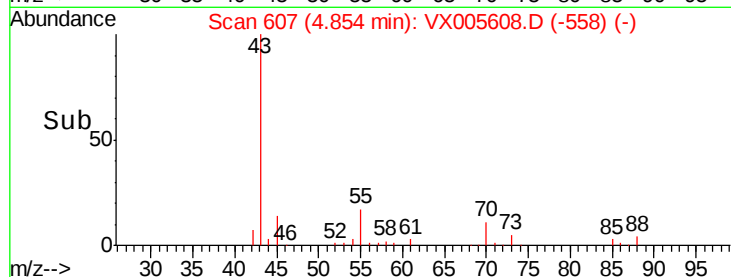
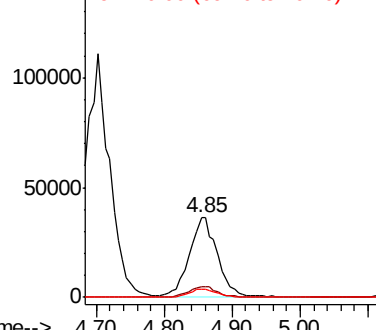
#37
Ethyl Acetate
Concen: 21.314 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

Instrument :
MSVOA_X
ClientSampled :
VX1026WBS01

Tot Ion: 43 Resp: 103456
Ion Ratio Lower Upper
43 100
61 13.9 10.8 16.2
70 10.2 7.8 11.8

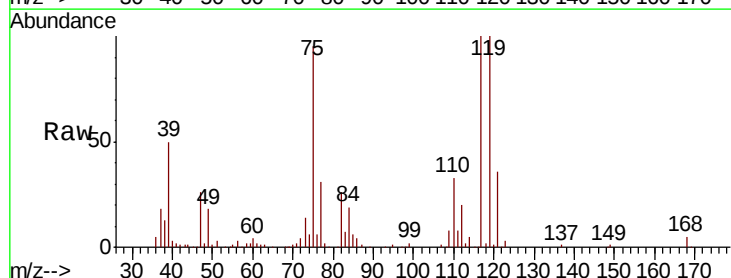


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

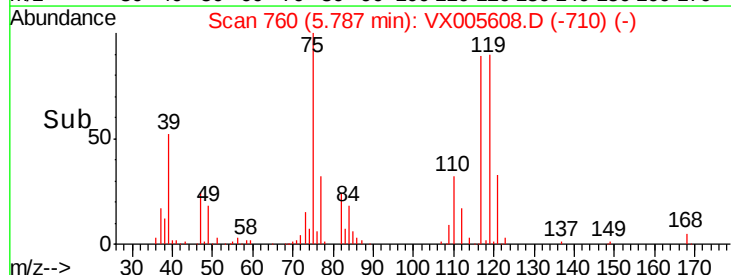
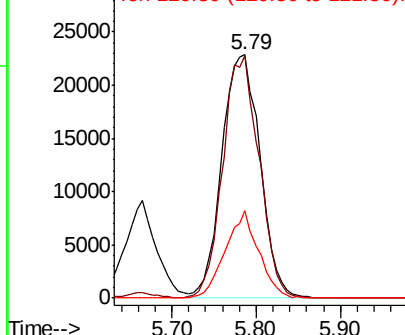


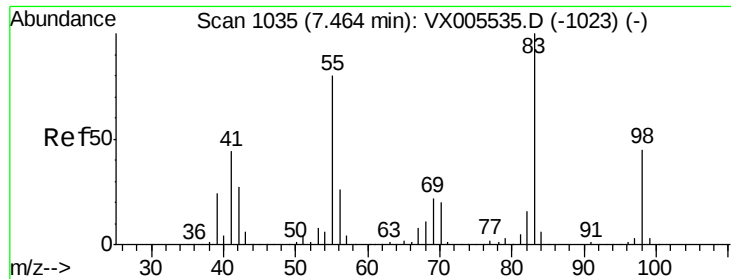
#38
Carbon Tetrachloride
Concen: 17.687 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

Tgt Ion: 117 Resp: 70857
Ion Ratio Lower Upper
117 100
119 99.7 78.1 117.1
121 35.8 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

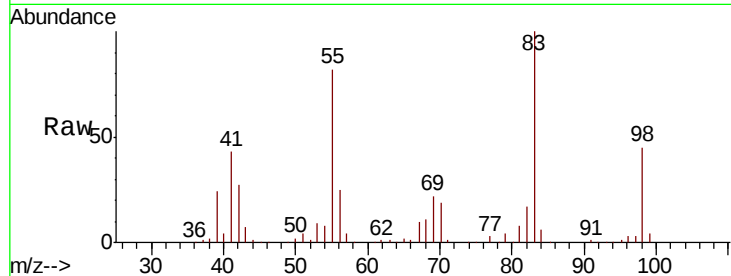




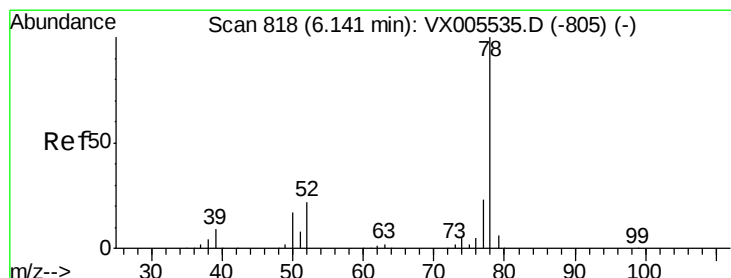
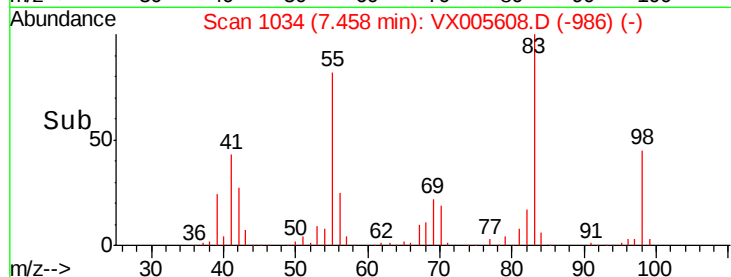
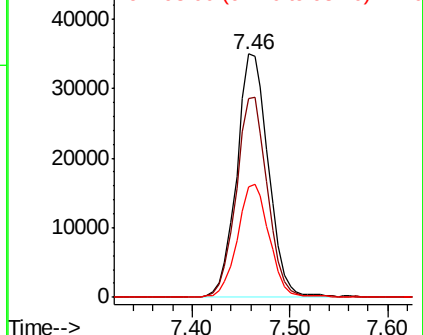
#39
Methvlcvclohexane
Concen: 18.680 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Tot Ion: 83 Resp: 78460
Ion Ratio Lower Upper
83 100
55 81.6 63.7 95.5
98 45.2 36.2 54.2

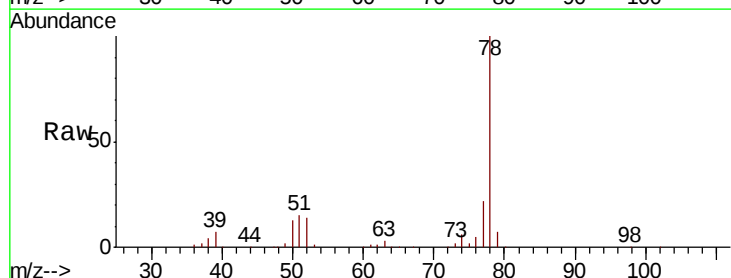


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

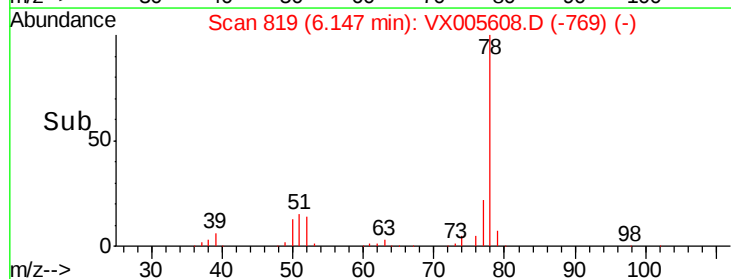
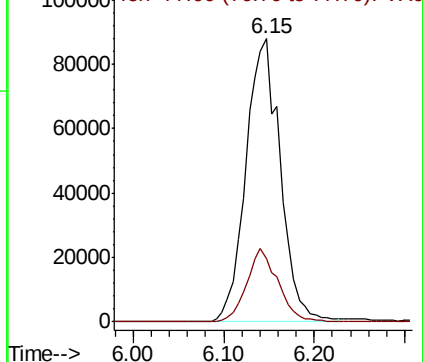


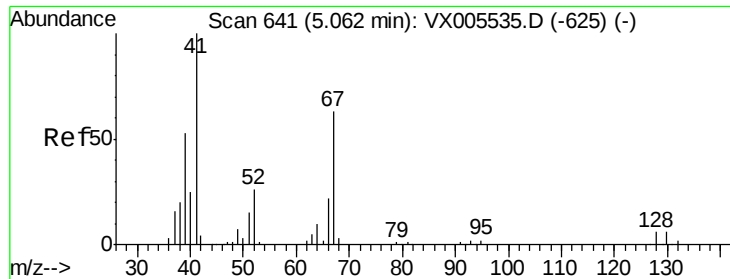
#40
Benzene
Concen: 21.067 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

Tgt Ion: 78 Resp: 229707
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

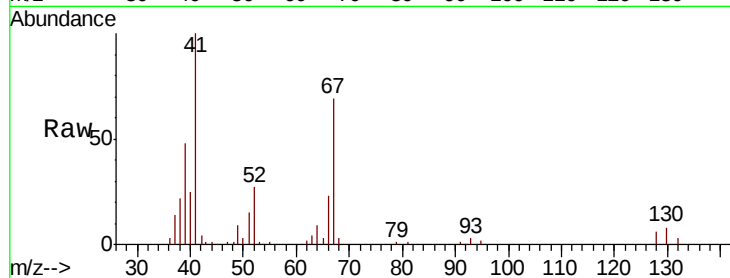




#41
Methacrylonitrile
Concen: 21.035 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

Instrument :
MSVOA_X
ClientSampled :
VX1026WBS01

Tot Ion:	41	Resp:	56872
Ion	Ratio	Lower	Upper
41	100		
39	49.8	42.2	63.2
67	67.2	53.4	80.0
52	26.7	23.4	35.2



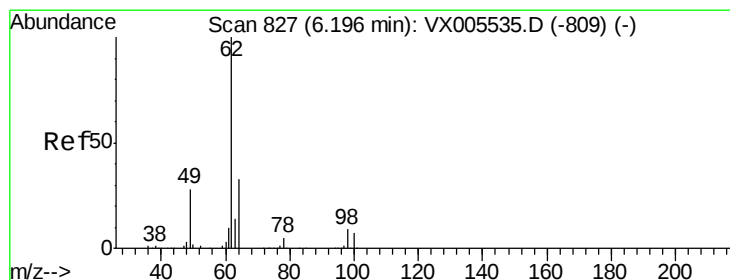
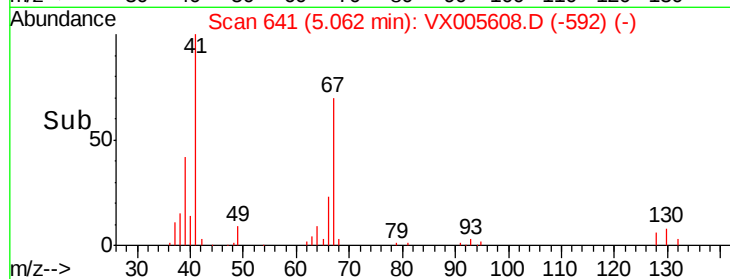
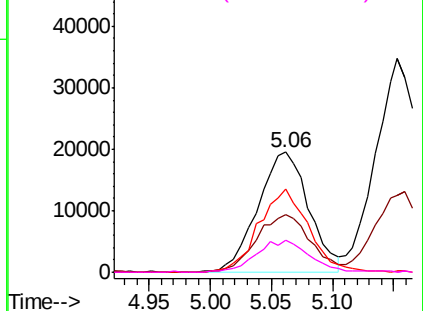
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

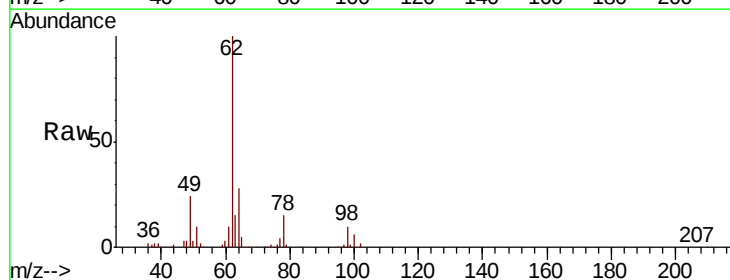
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 19.018 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

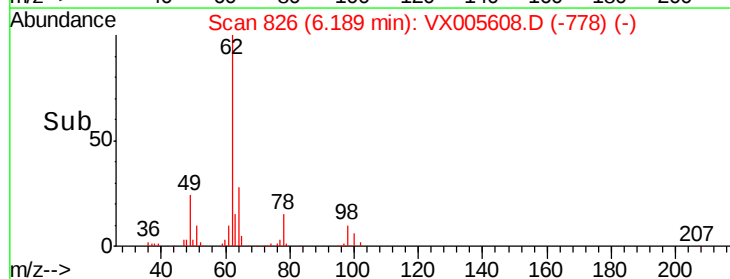
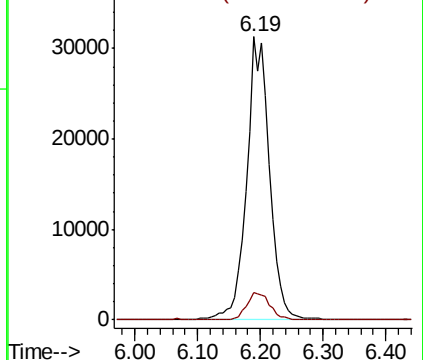
Tgt Ion:	62	Resp:	78776
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	17.8

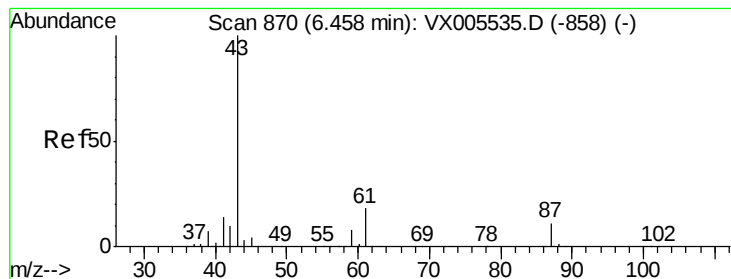


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.376 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampled :

VX1026WBS01

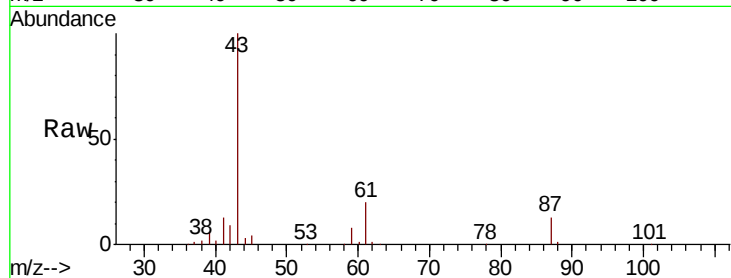
Tot Ion: 43 Resp: 140931

Ion Ratio Lower Upper

43 100

61 19.1 14.6 22.0

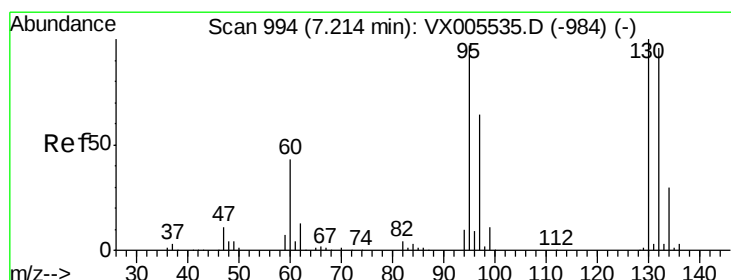
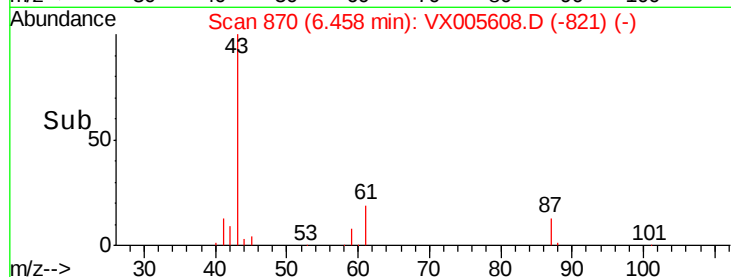
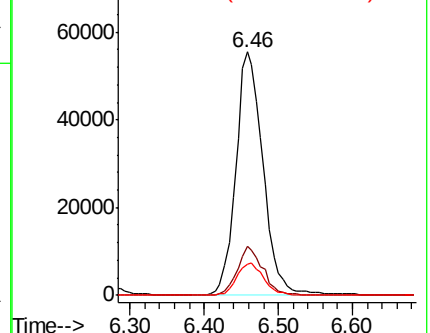
87 13.3 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.726 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005608.D

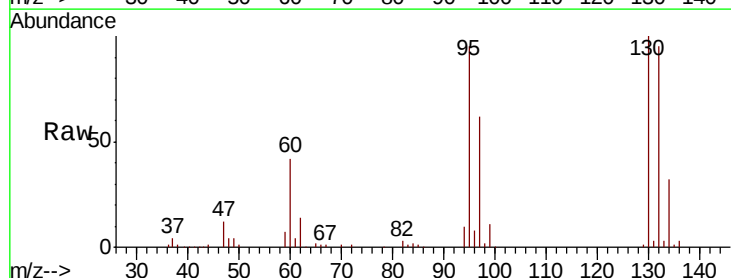
Acq: 26 Oct 2018 16:42

Tgt Ion:130 Resp: 55624

Ion Ratio Lower Upper

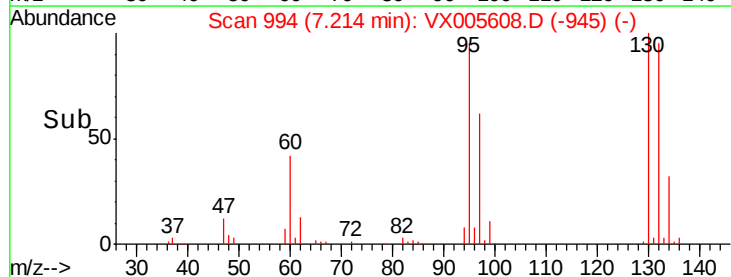
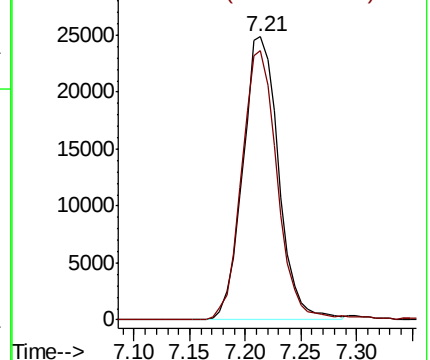
130 100

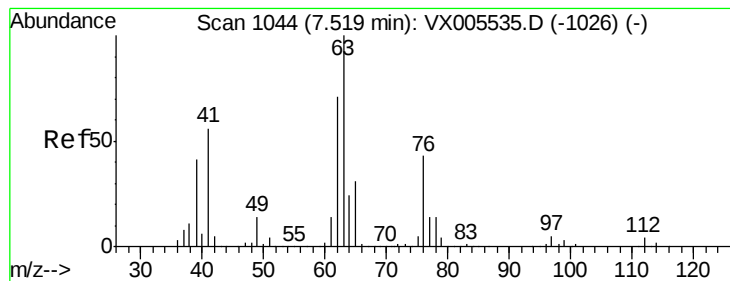
95 95.1 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.724 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

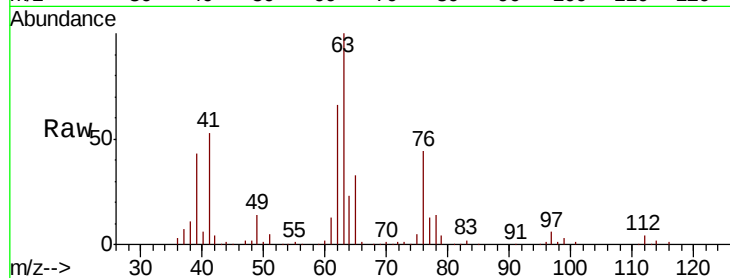
VX1026WBS01

Tot Ion: 63 Resp: 54888

Ion Ratio Lower Upper

63 100

65 32.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

30000

25000

20000

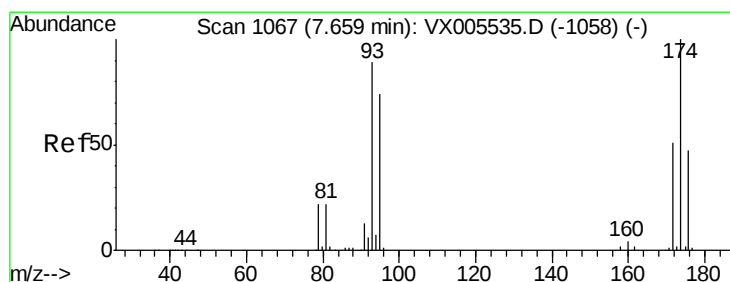
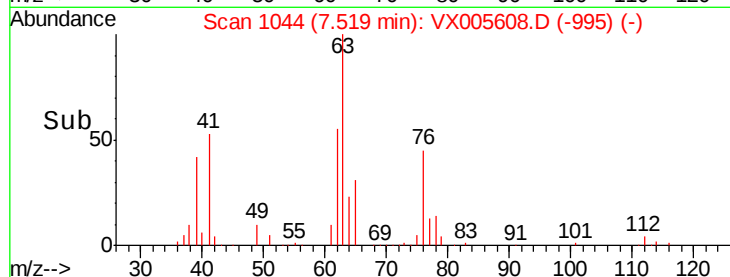
15000

10000

5000

0

Time-->



#46

Dibromomethane

Concen: 17.961 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

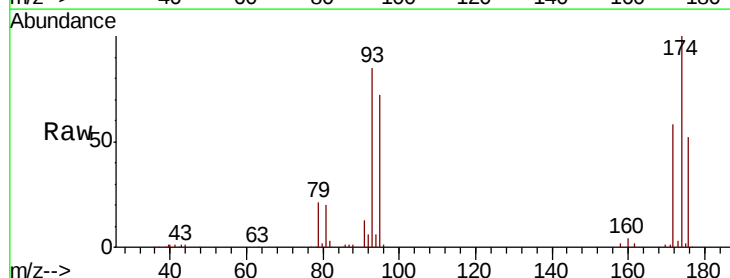
Tgt Ion: 93 Resp: 34006

Ion Ratio Lower Upper

93 100

95 83.3 67.4 101.0

174 116.6 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

25000

20000

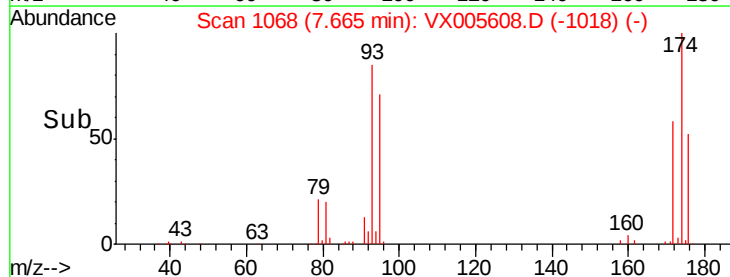
15000

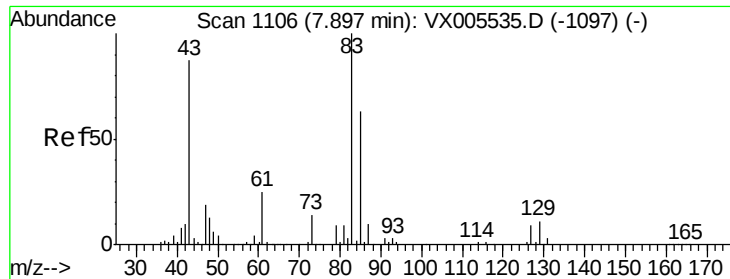
10000

5000

0

Time-->





#47

Bromodichloromethane

Concen: 17.565 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

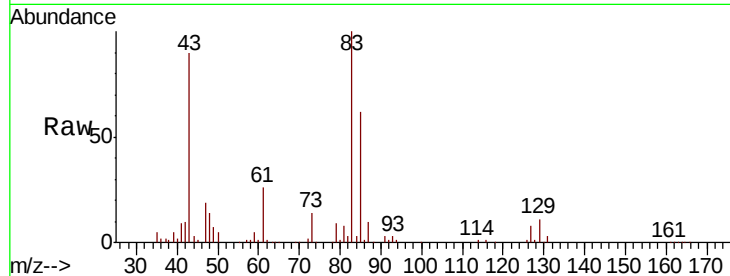
Tot Ion: 83 Resp: 64547

Ion Ratio Lower Upper

83 100

85 61.8 50.2 75.4

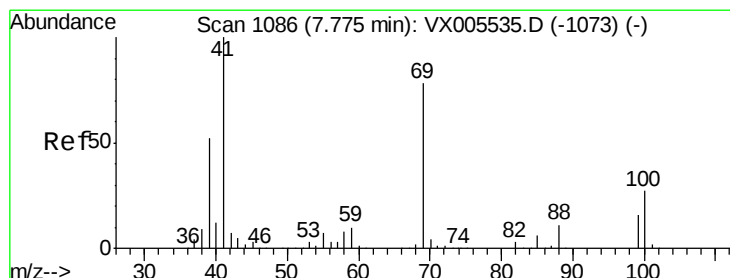
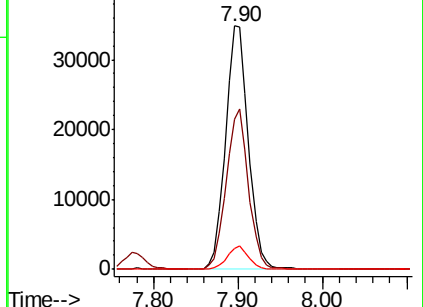
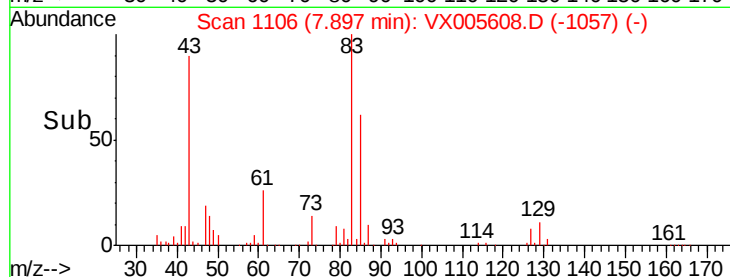
127 8.4 6.9 10.3



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: 18.744 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

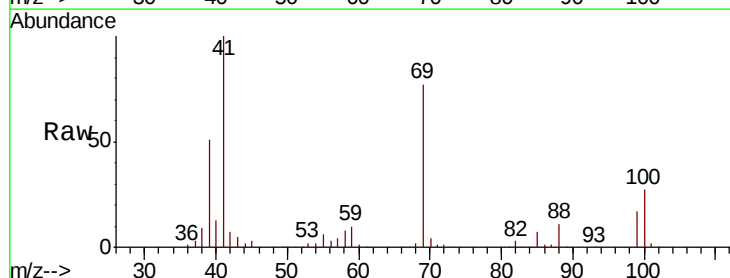
Tgt Ion: 41 Resp: 66416

Ion Ratio Lower Upper

41 100

69 79.7 63.2 94.8

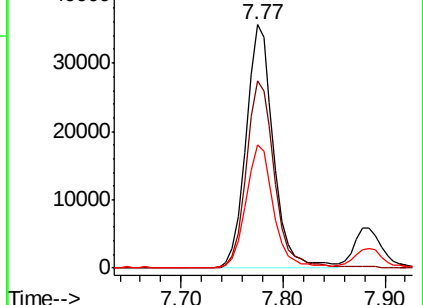
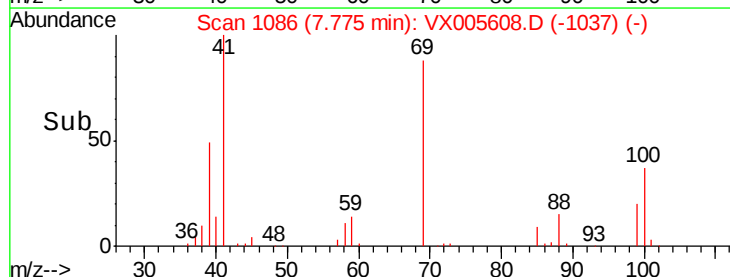
39 51.3 42.2 63.2

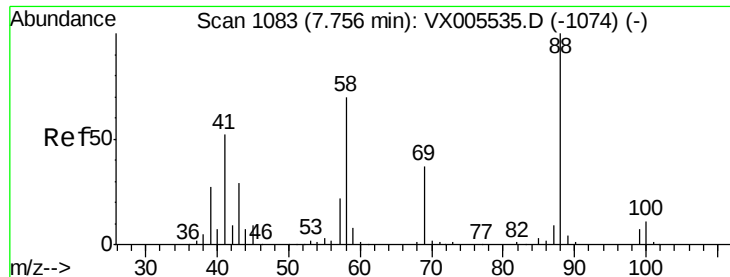


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

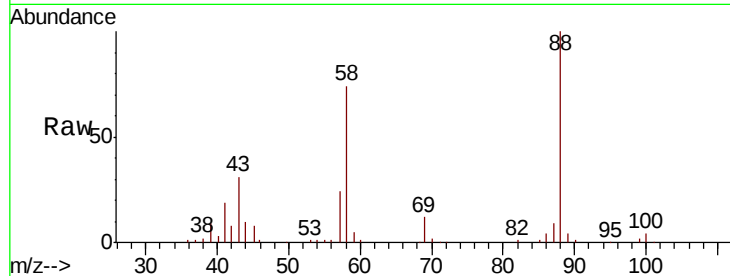




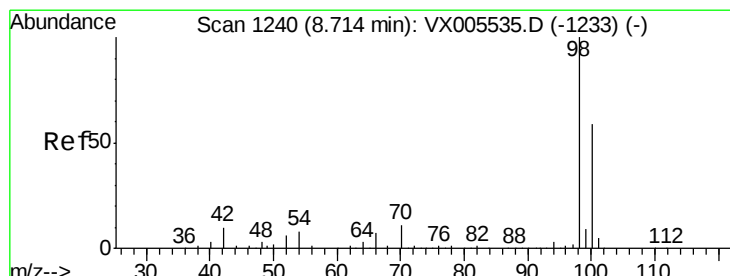
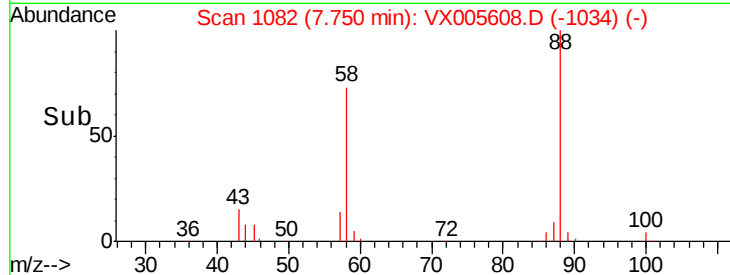
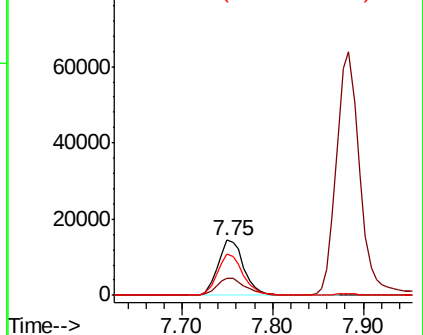
#49
1,4-Dioxane
Concen: 373.465 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Tot Ion: 88 Resp: 28919
Ion Ratio Lower Upper
88 100
43 34.2 27.4 41.0
58 74.7 59.4 89.2

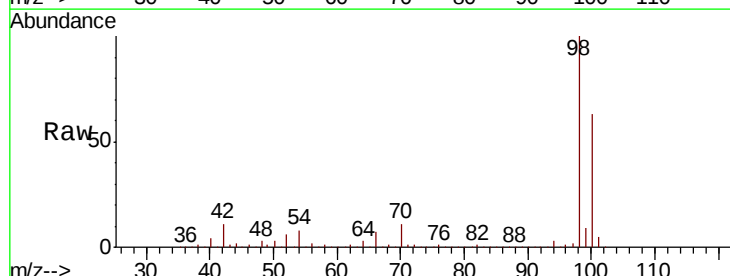


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

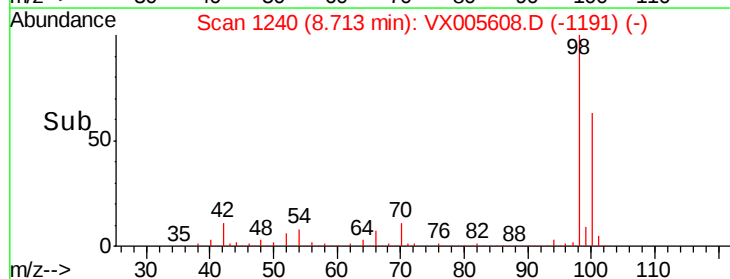
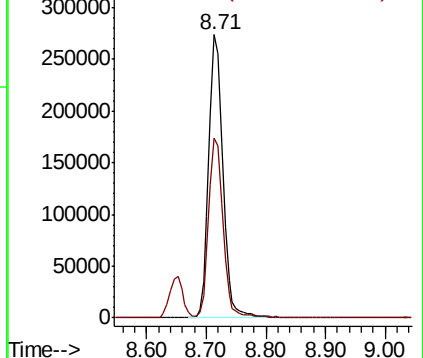


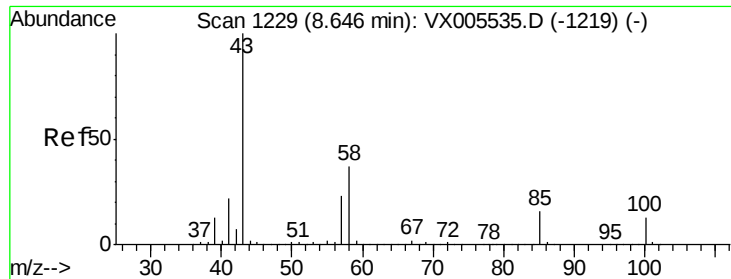
#50
Toluene-d8
Concen: 46.853 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

Tgt Ion: 98 Resp: 446798
Ion Ratio Lower Upper
98 100
100 64.2 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: 94.208 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

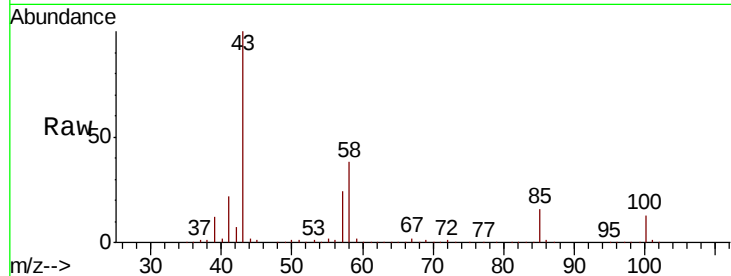
VX1026WBS01

Tot Ion: 43 Resp: 460507

Ion Ratio Lower Upper

43 100

58 37.2 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

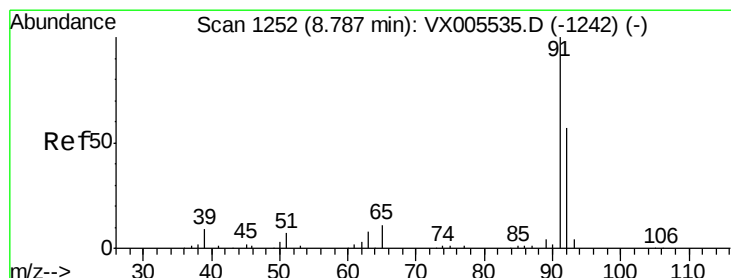
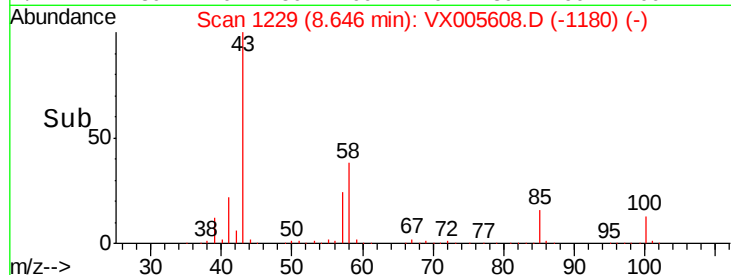
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 19.008 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005608.D

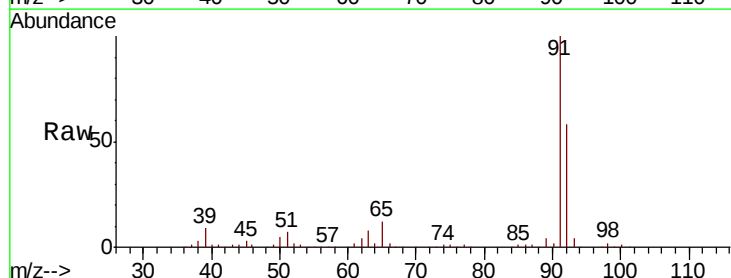
Acq: 26 Oct 2018 16:42

Tgt Ion: 92 Resp: 125962

Ion Ratio Lower Upper

92 100

91 173.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

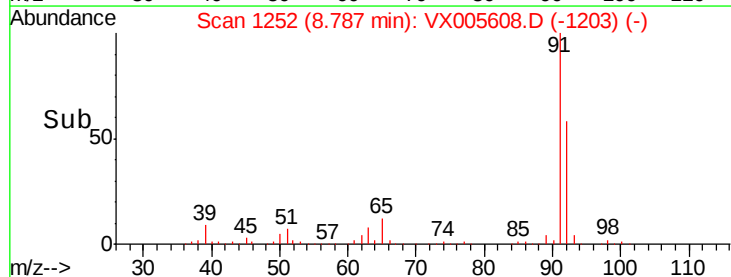
150000

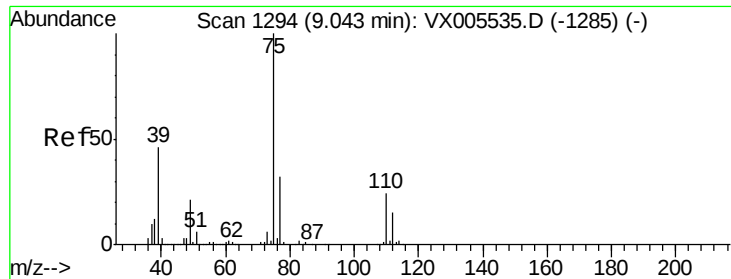
100000

50000

0

Time--> 8.70 8.80 8.90 9.00

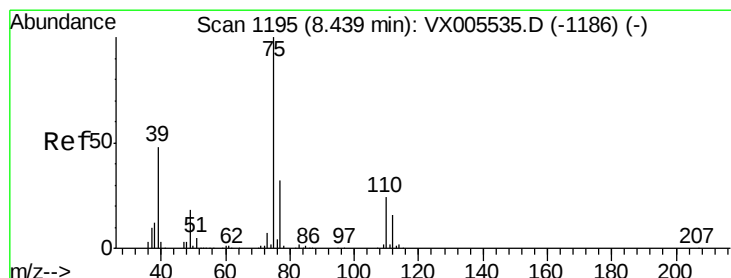
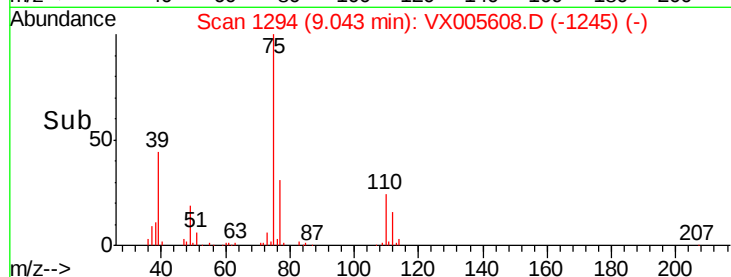
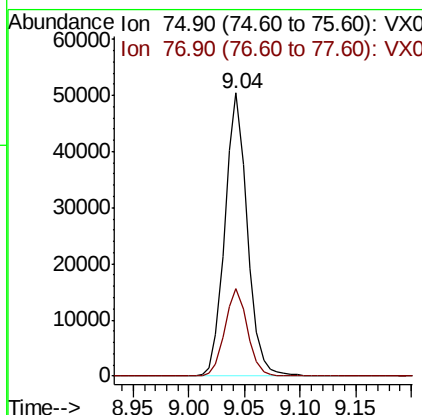
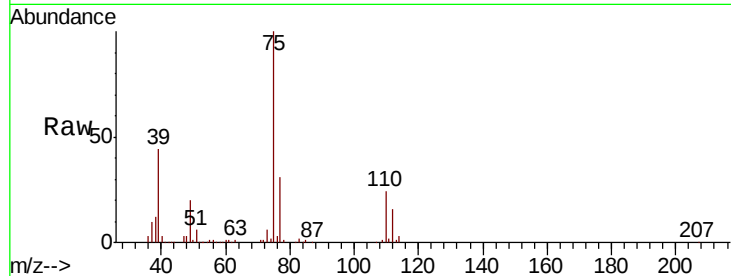




#53
 t-1,3-Dichloropropene
 Concen: 17.721 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005608.D
 Acq: 26 Oct 2018 16:42

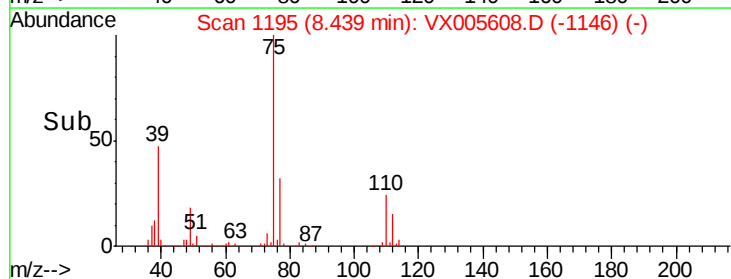
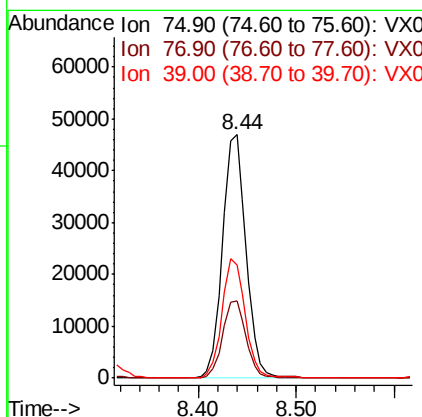
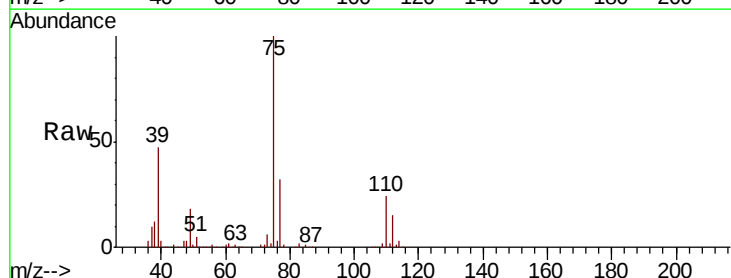
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

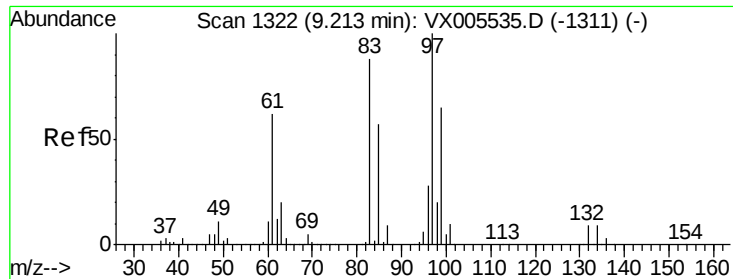
Tot Ion: 75 Resp: 70379
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 18.338 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005608.D
 Acq: 26 Oct 2018 16:42

Tgt Ion: 75 Resp: 78409
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.2 37.8
 39 46.5 38.2 57.2

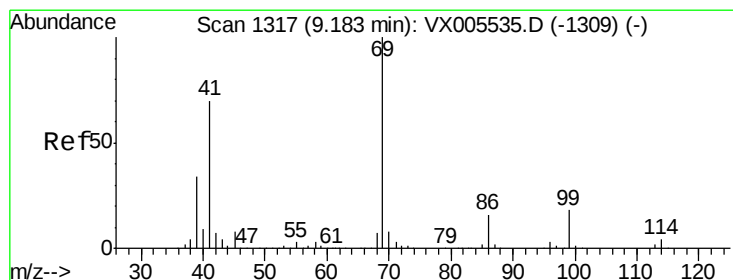
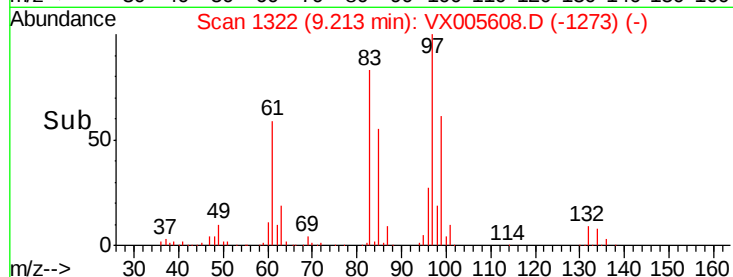
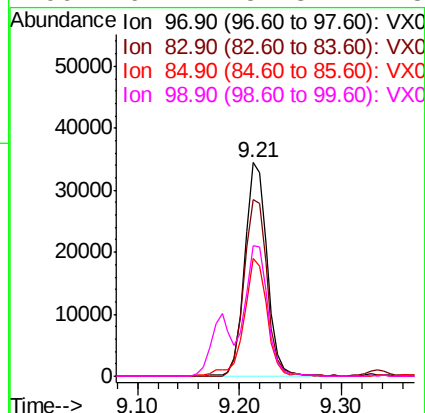
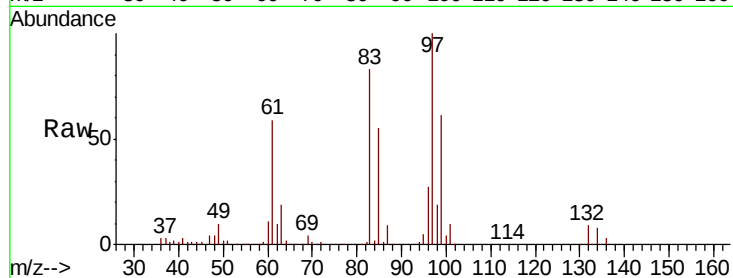




#55
 1,1,2-Trichloroethane
 Concen: 18.743 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005608.D
 Acq: 26 Oct 2018 16:42

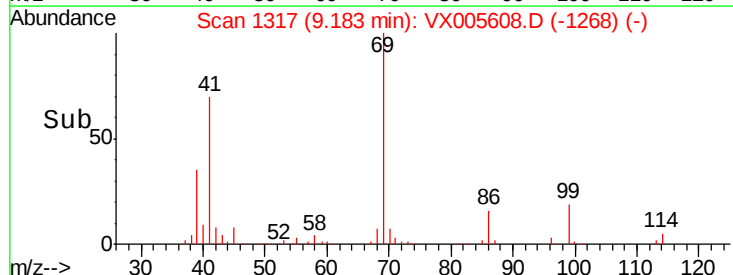
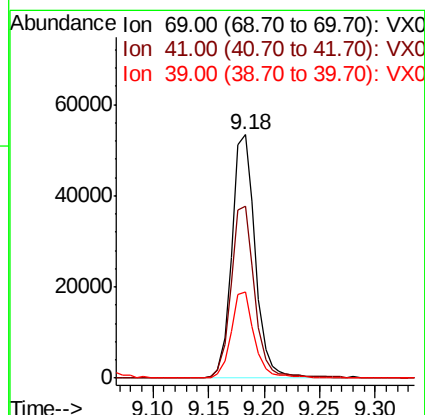
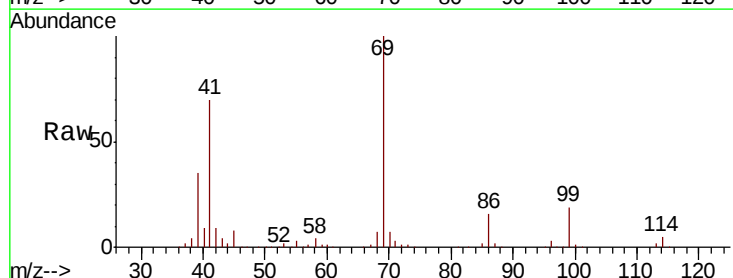
Instrument :
 MSVOA_X
 ClientSampled :
 VX1026WBS01

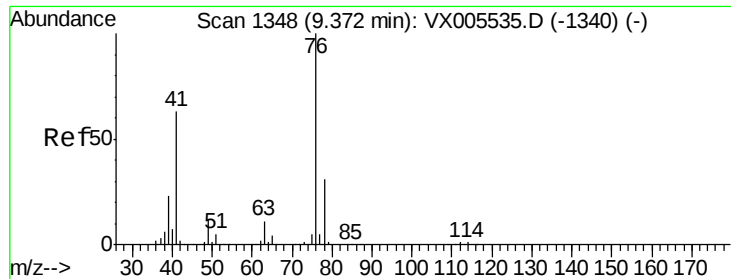
Tot Ion: 97 Resp: 52365
 Ion Ratio Lower Upper
 97 100
 83 83.0 70.7 106.1
 85 55.1 45.8 68.6
 99 61.4 51.8 77.8



#56
 Ethyl methacrylate
 Concen: 18.655 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005608.D
 Acq: 26 Oct 2018 16:42

Tgt Ion: 69 Resp: 77741
 Ion Ratio Lower Upper
 69 100
 41 70.9 57.0 85.6
 39 34.8 28.3 42.5

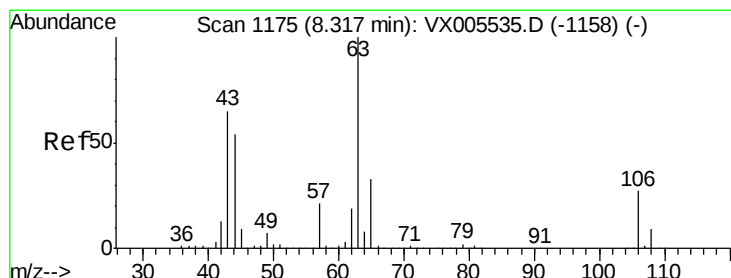
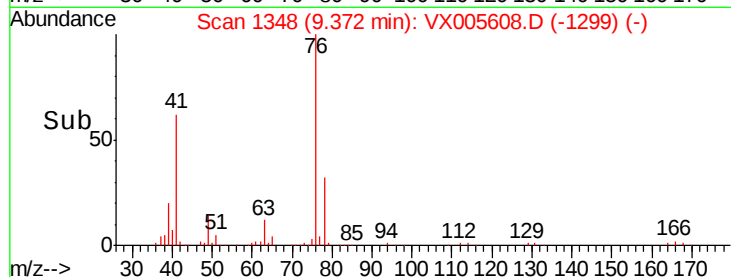
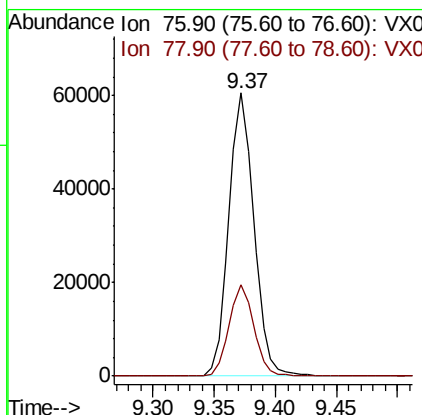
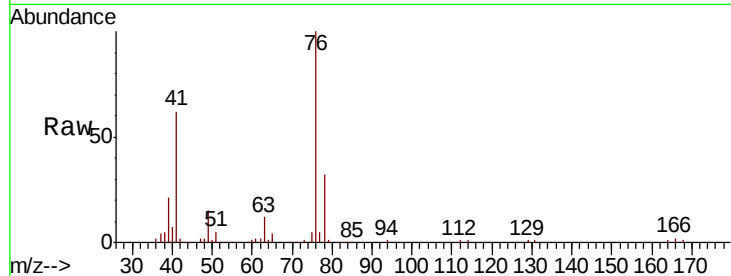




#57
 1,3-Dichloropropane
 Concen: 18.253 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005608.D
 Acq: 26 Oct 2018 16:42

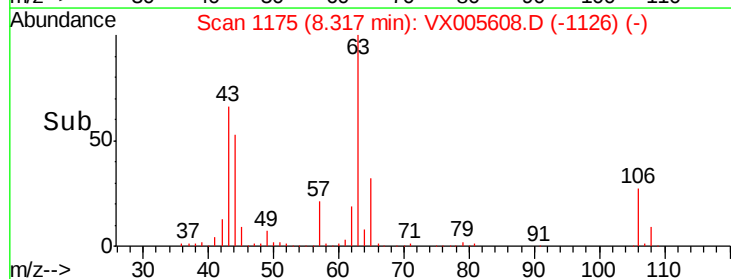
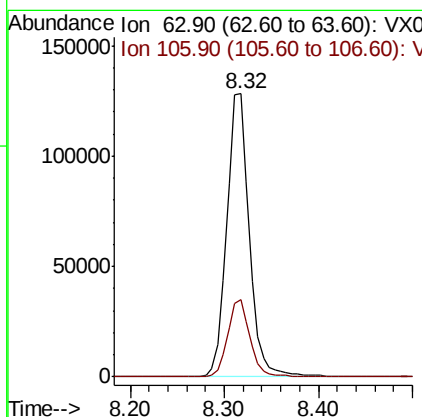
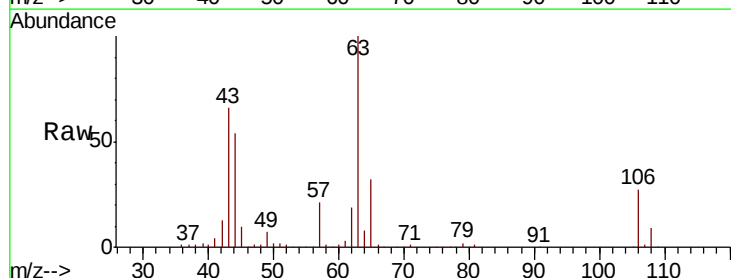
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

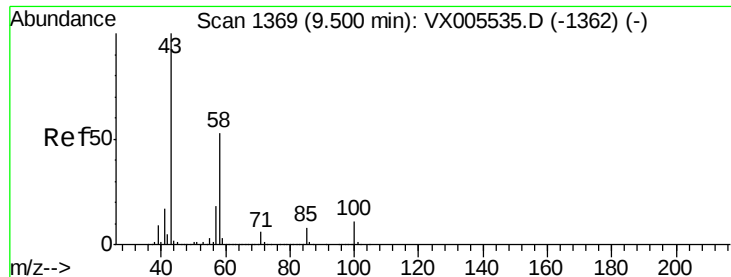
Tot Ion: 76 Resp: 86289
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.384 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005608.D
 Acq: 26 Oct 2018 16:42

Tgt Ion: 63 Resp: 212693
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.3 31.9

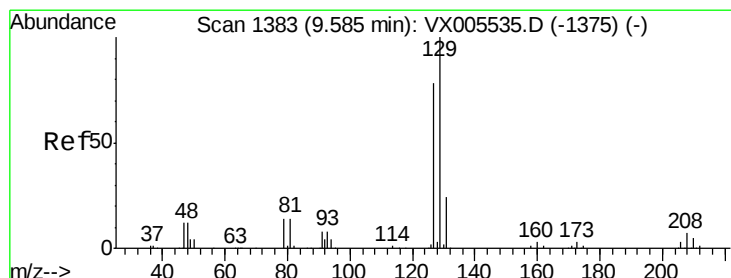
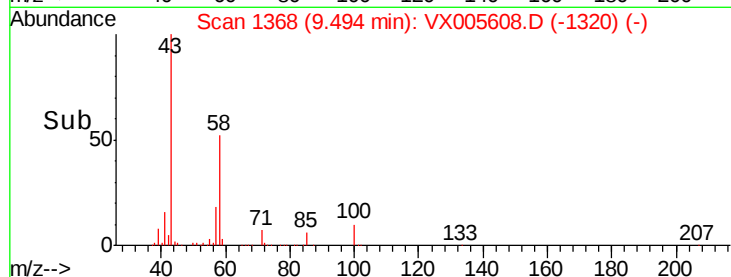
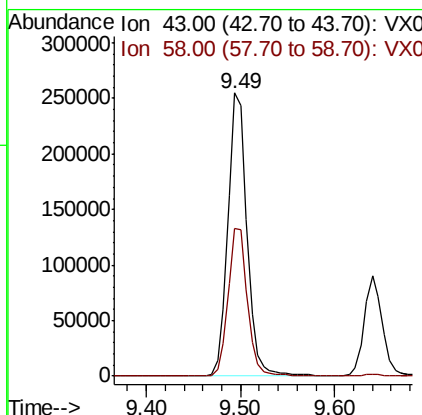
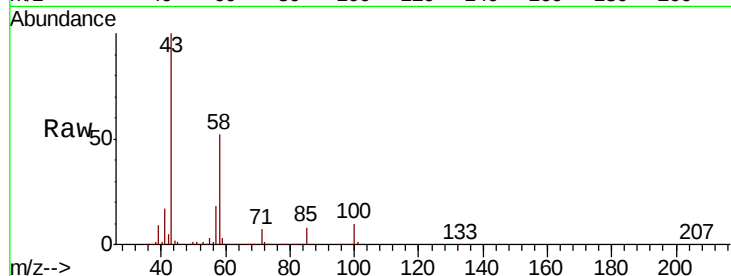




#59
2-Hexanone
Concen: 93.427 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

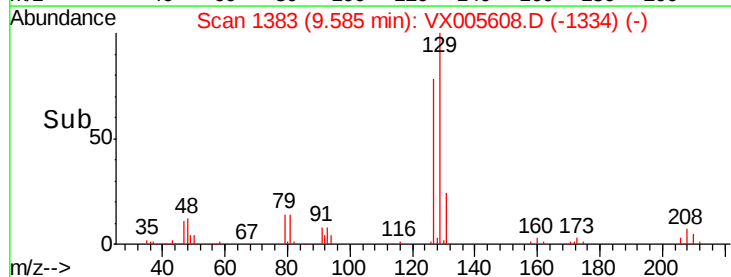
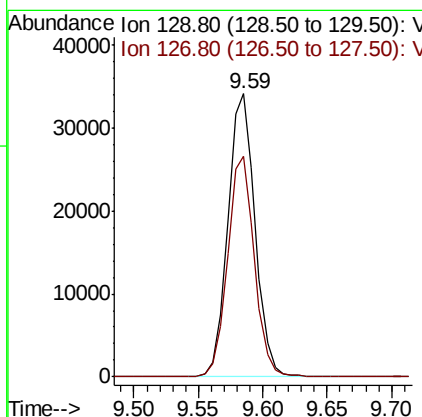
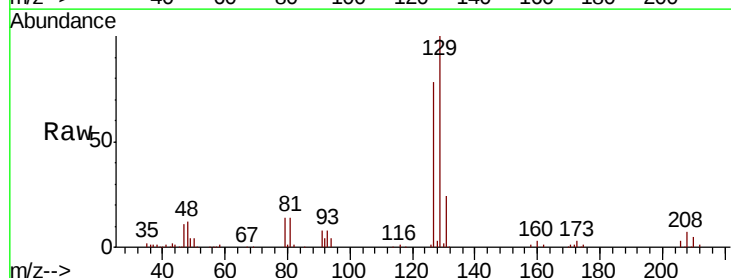
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

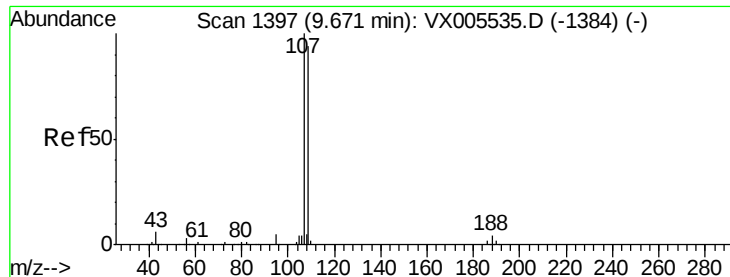
Tot Ion: 43 Resp: 360080
Ion Ratio Lower Upper
43 100
58 52.8 25.9 77.8



#60
Dibromochloromethane
Concen: 17.261 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

Tgt Ion: 129 Resp: 50314
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.517 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

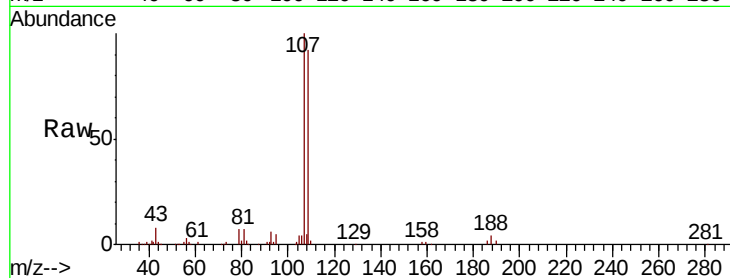
VX1026WBS01

Tot Ion:107 Resp: 53521

Ion Ratio Lower Upper

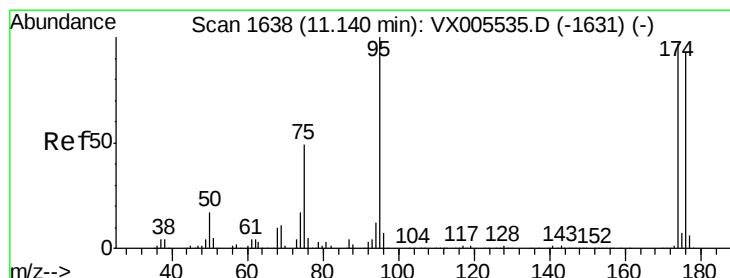
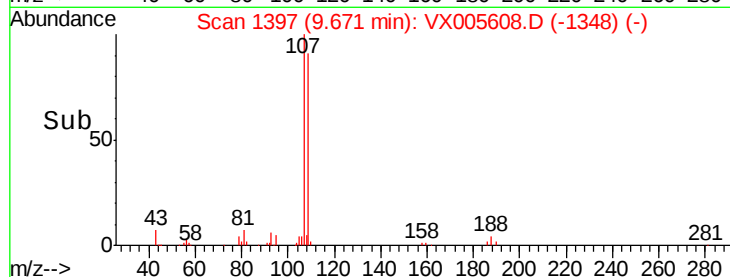
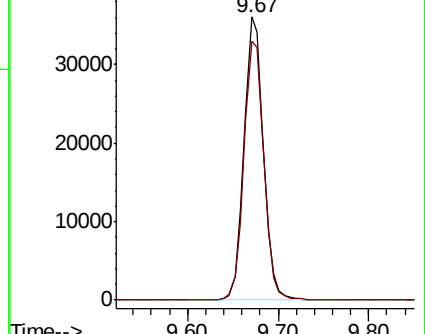
107 100

109 94.1 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: 46.282 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

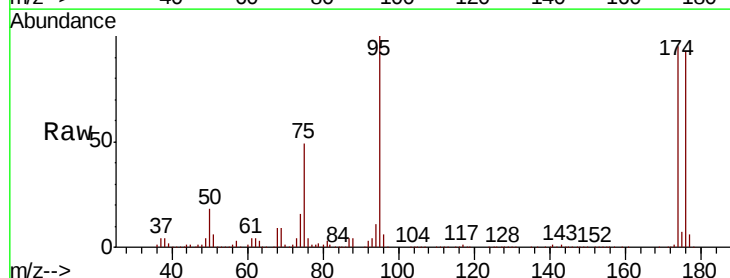
Tgt Ion: 95 Resp: 166675

Ion Ratio Lower Upper

95 100

174 90.0 0.0 184.4

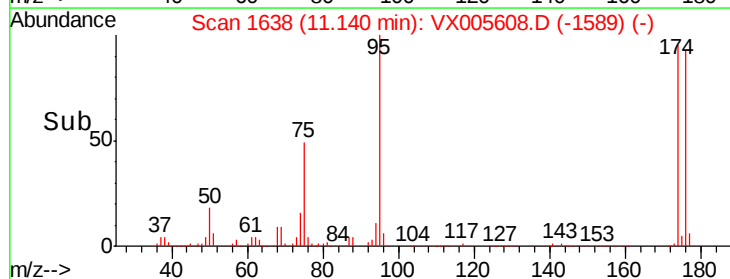
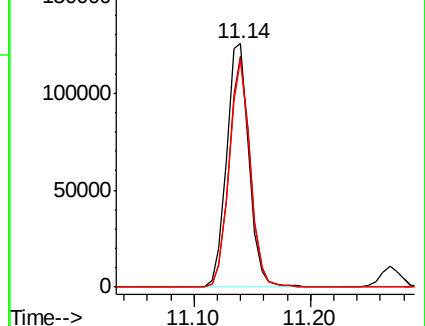
176 88.0 0.0 177.4

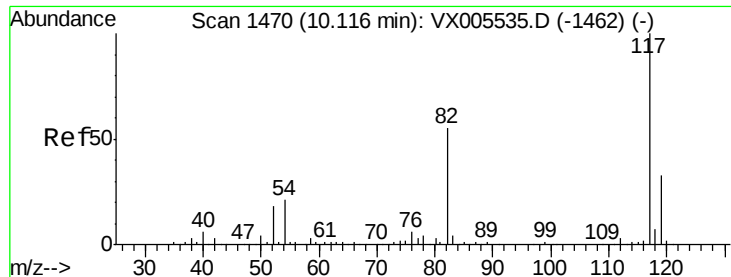


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

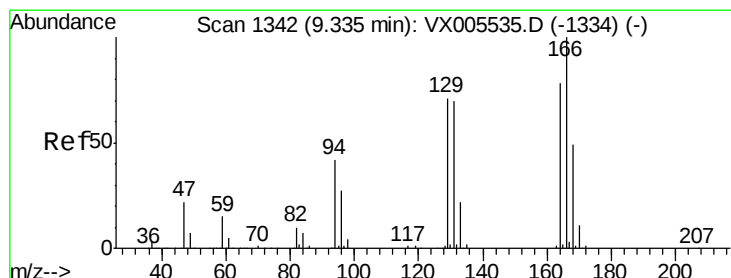
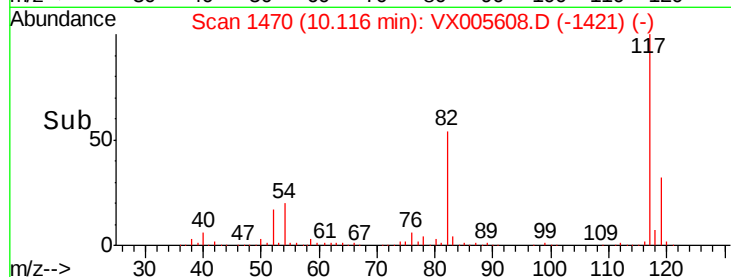
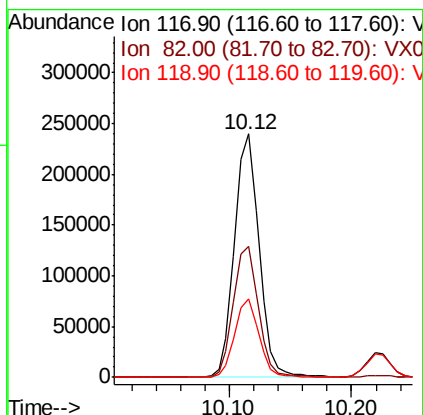
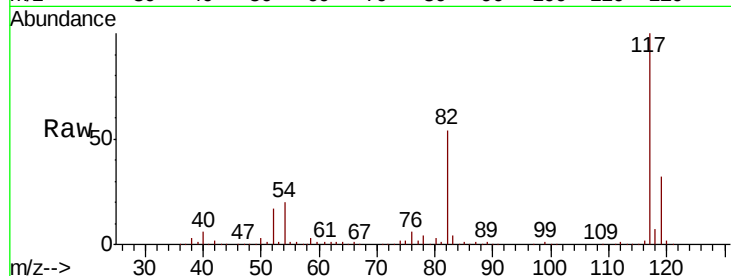




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

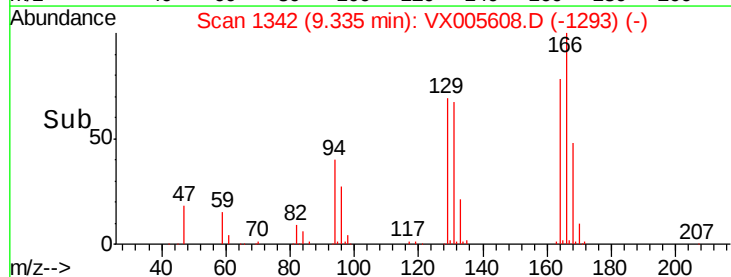
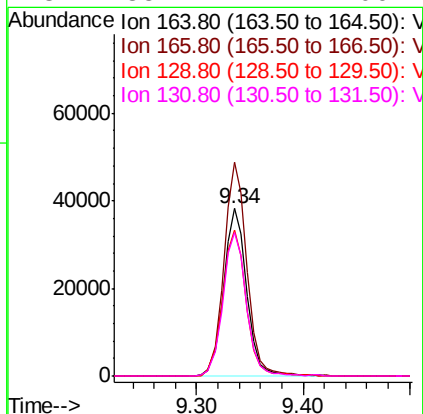
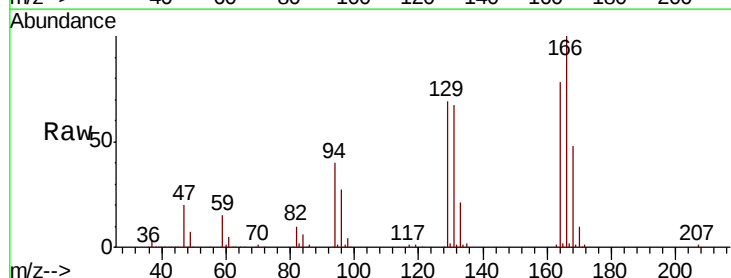
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

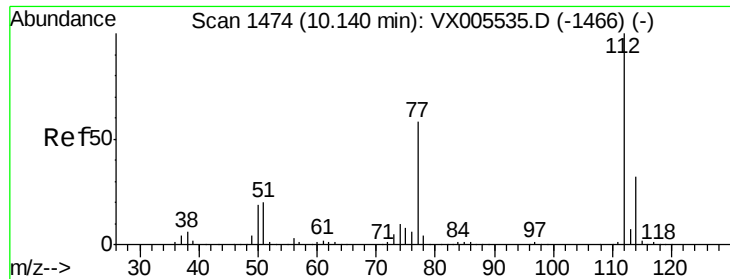
Tot Ion:117 Resp: 333585
Ion Ratio Lower Upper
117 100
82 54.1 44.1 66.1
119 32.1 26.2 39.2



#64
Tetrachloroethene
Concen: 20.966 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

Tgt Ion:164 Resp: 58058
Ion Ratio Lower Upper
164 100
166 127.6 101.9 152.9
129 87.5 72.6 109.0
131 85.7 71.1 106.7

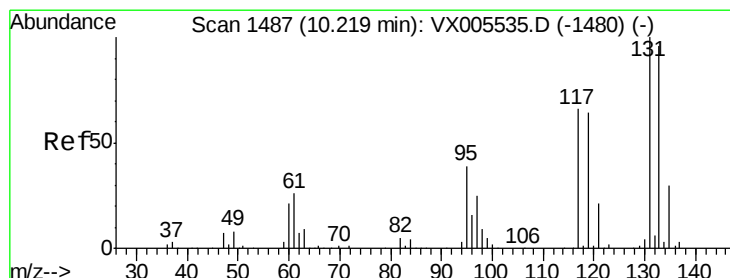
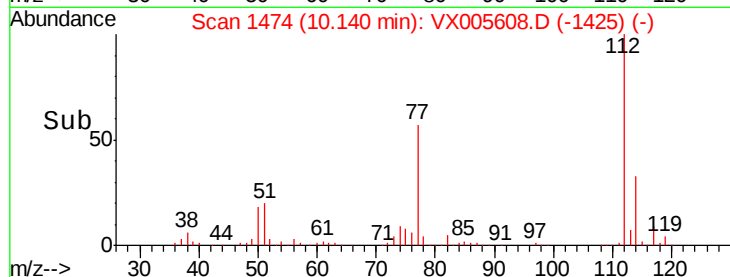
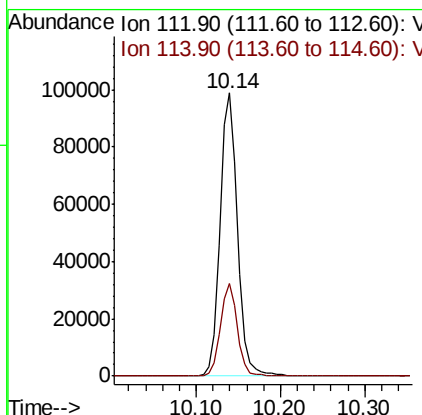
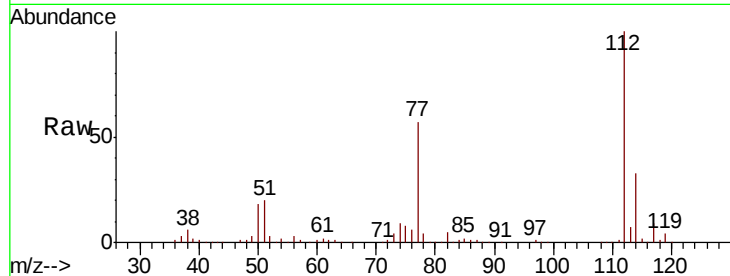




#65
Chlorobenzene
Concen: 19.911 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

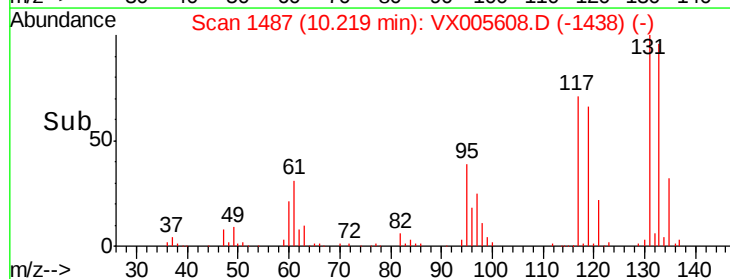
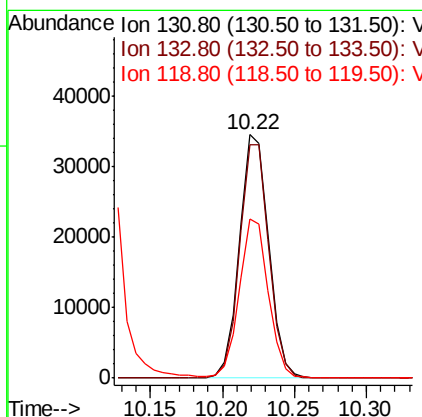
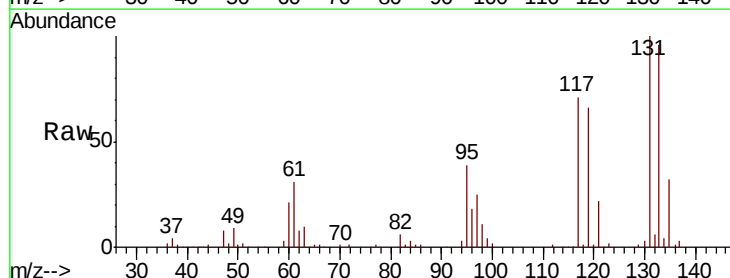
Instrument :
MSVOA_X
ClientSampled :
VX1026WBS01

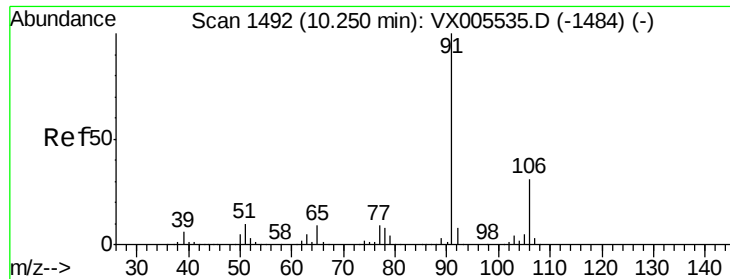
Tot Ion:112 Resp: 141441
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.787 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

Tgt Ion:131 Resp: 48660
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.5
119 65.3 31.8 95.3





#67

Ethyl Benzene

Concen: 20.181 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

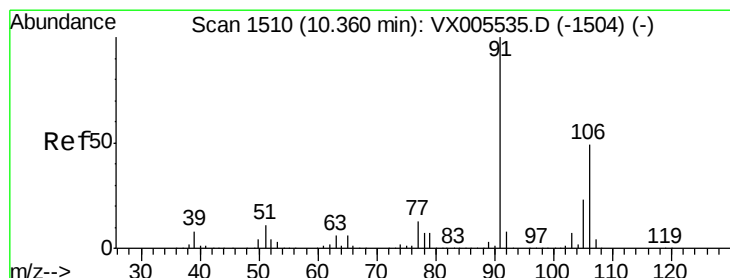
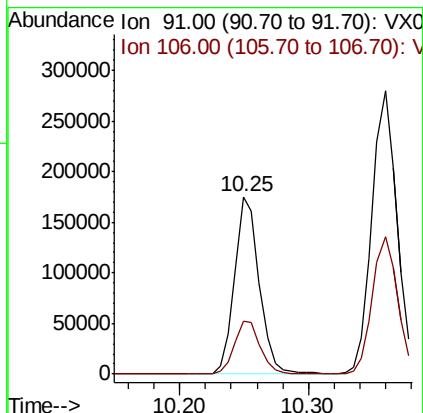
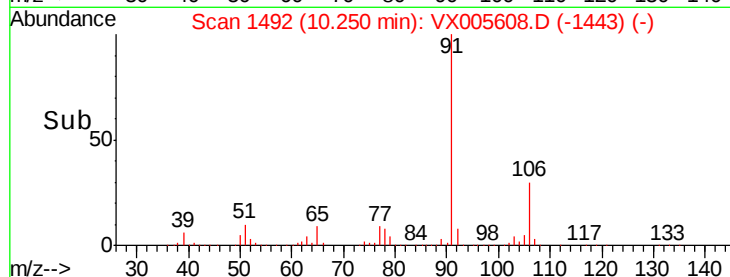
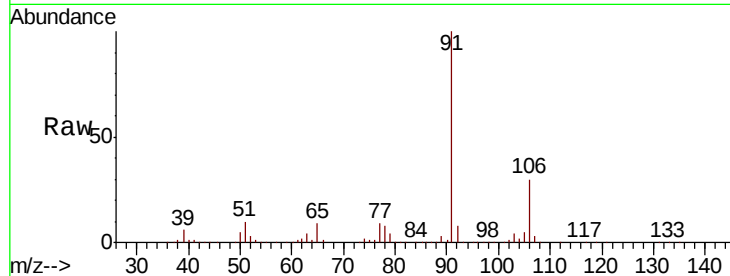
VX1026WBS01

Tot Ion: 91 Resp: 235858

Ion Ratio Lower Upper

91 100

106 30.1 24.4 36.6



#68

m/p-Xylenes

Concen: 41.138 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005608.D

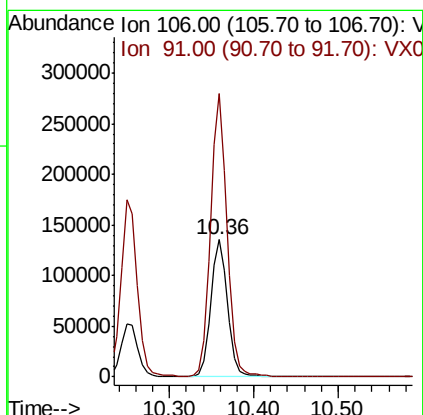
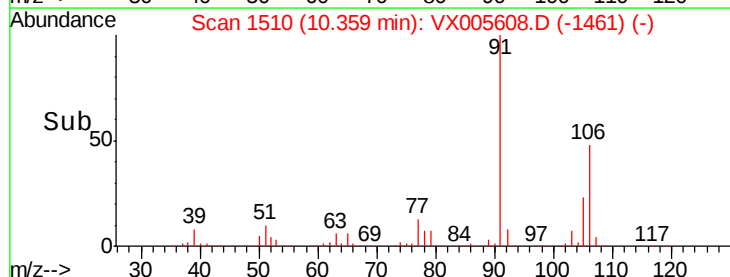
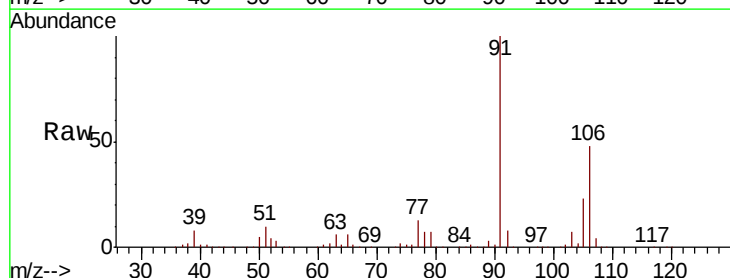
Acq: 26 Oct 2018 16:42

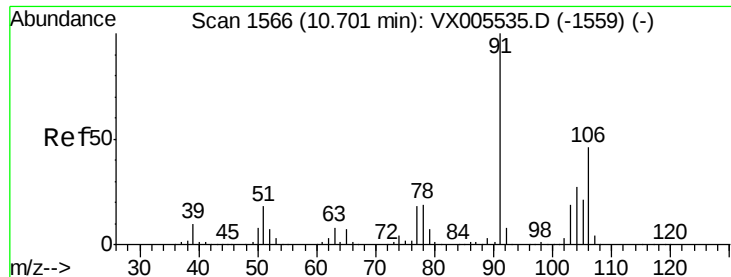
Tgt Ion: 106 Resp: 186535

Ion Ratio Lower Upper

106 100

91 203.4 164.2 246.4

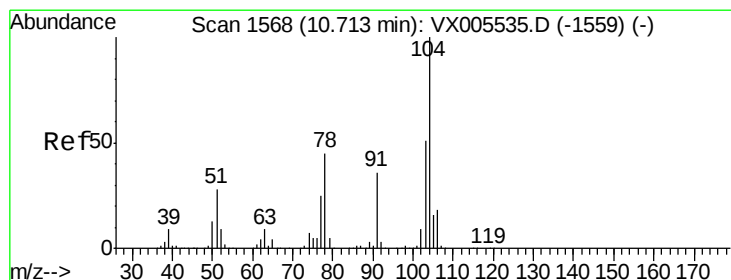
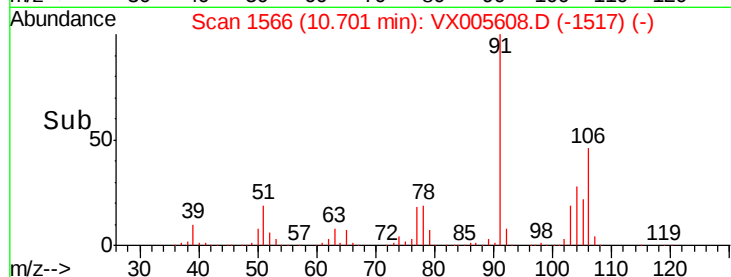
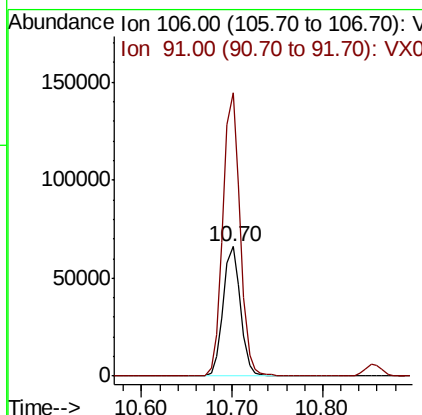
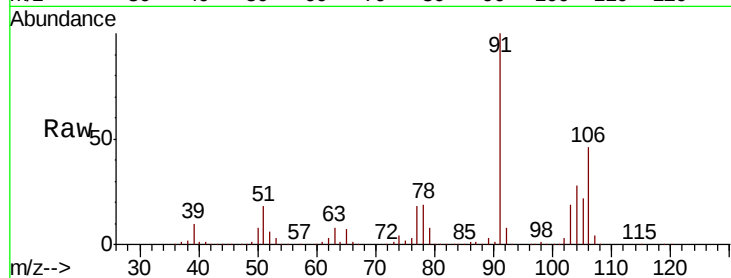




#69
o-Xylene
Concen: 20.777 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

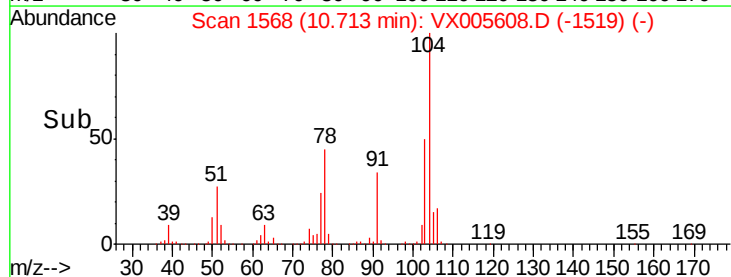
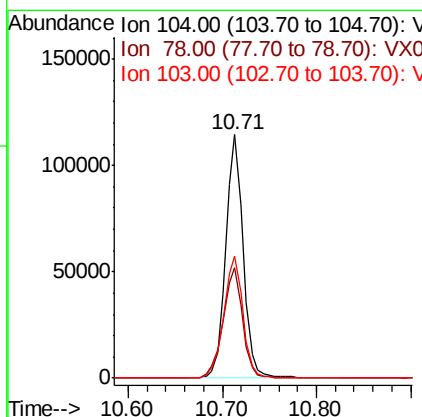
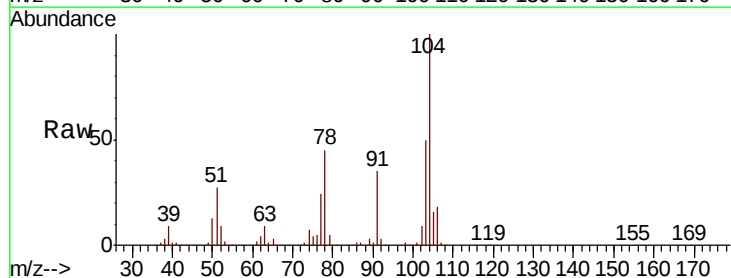
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

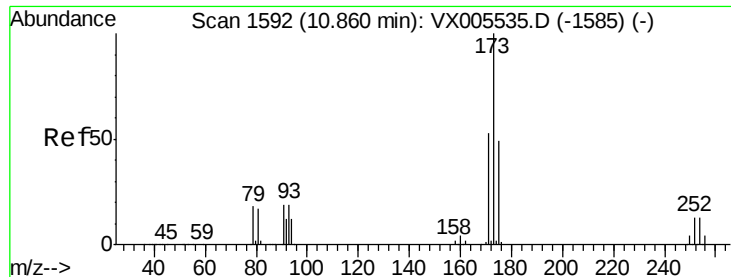
Tot Ion:106 Resp: 88636
Ion Ratio Lower Upper
106 100
91 216.9 108.5 325.5



#70
Styrene
Concen: 20.637 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

Tgt Ion:104 Resp: 147373
Ion Ratio Lower Upper
104 100
78 50.6 40.2 60.4
103 55.4 44.9 67.3





#71

Bromoform

Concen: 17.274 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

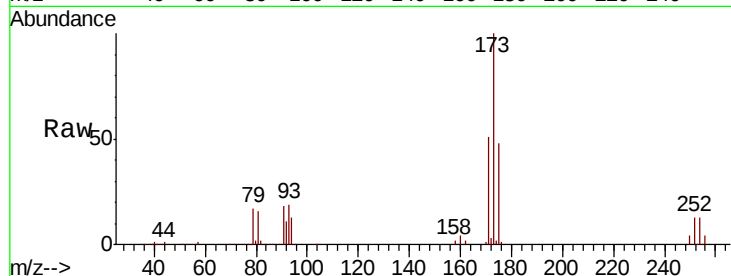
Tot Ion:173 Resp: 39925

Ion Ratio Lower Upper

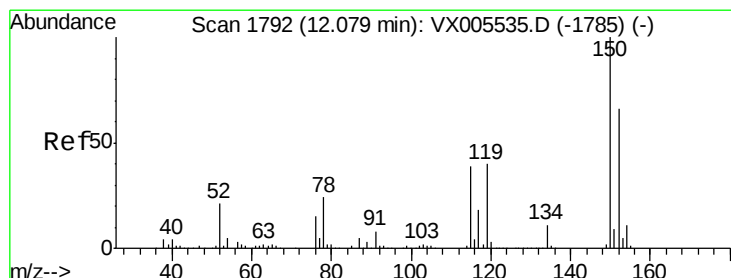
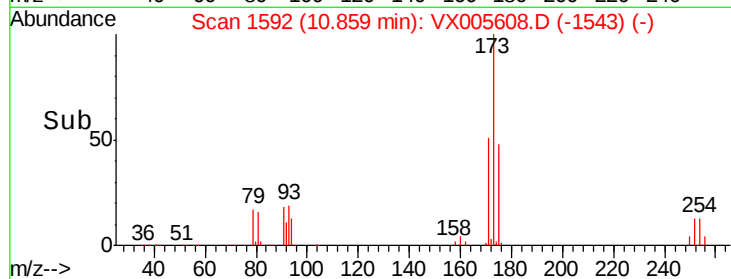
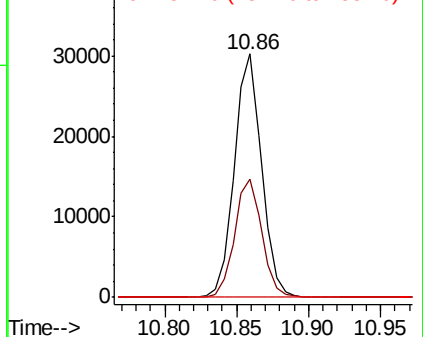
173 100

175 48.7 24.8 74.3

254 0.1 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: VX005608.D

Acq: 26 Oct 2018 16:42

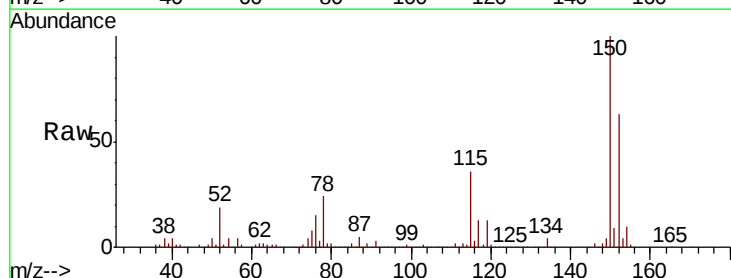
Tgt Ion:152 Resp: 182008

Ion Ratio Lower Upper

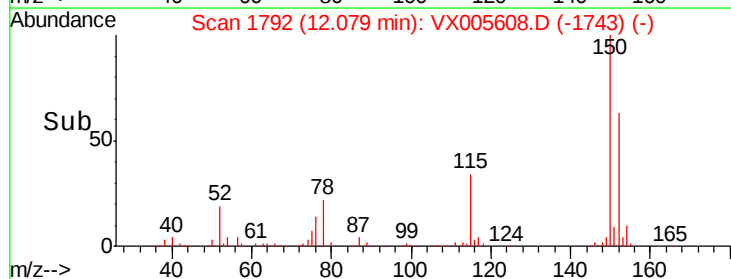
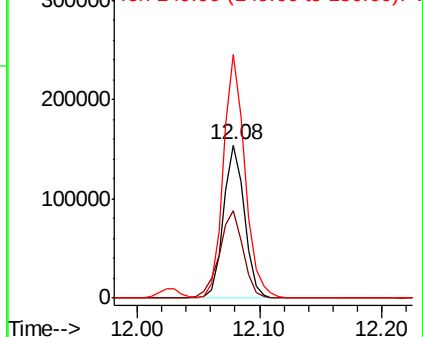
152 100

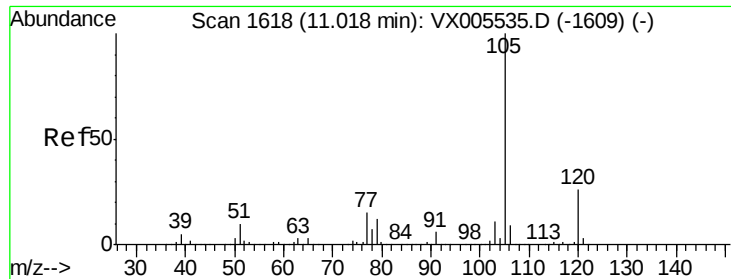
115 64.9 39.4 118.1

150 164.2 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: 21.911 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

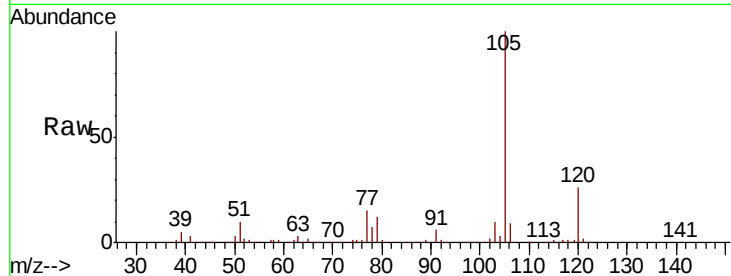
VX1026WBS01

Tot Ion:105 Resp: 243781

Ion Ratio Lower Upper

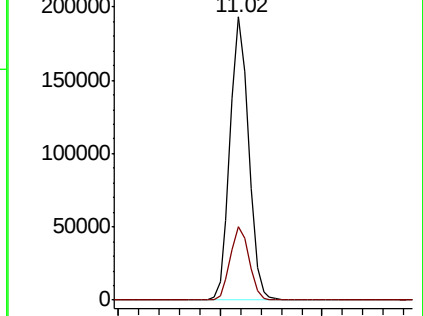
105 100

120 26.3 13.1 39.3

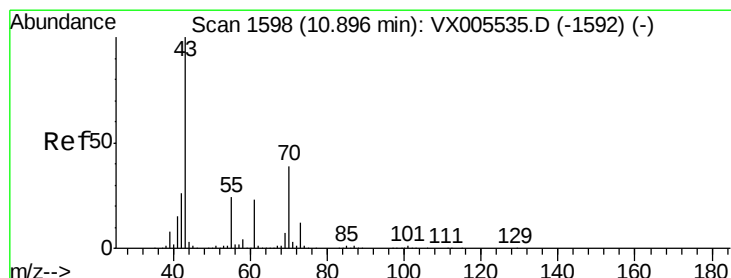
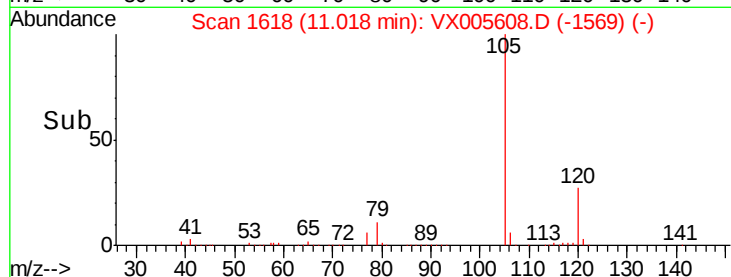


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 21.047 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Tgt Ion: 43 Resp: 116030

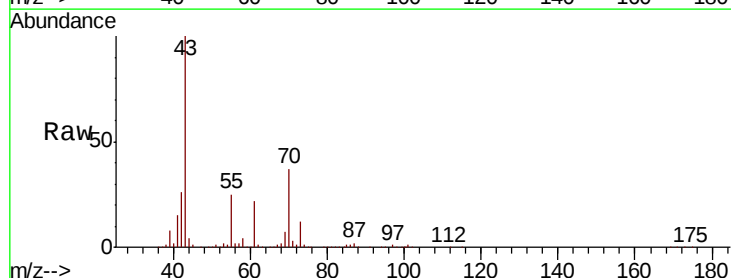
Ion Ratio Lower Upper

43 100

70 39.4 31.6 47.4

55 25.0 19.7 29.5

61 22.9 18.3 27.5

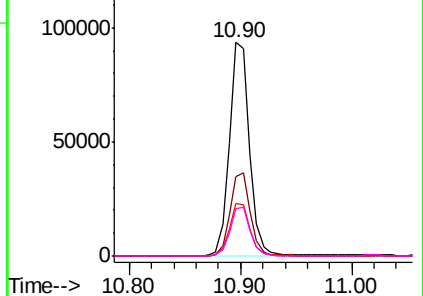


Abundance Ion 43.00 (42.70 to 43.70): VX0

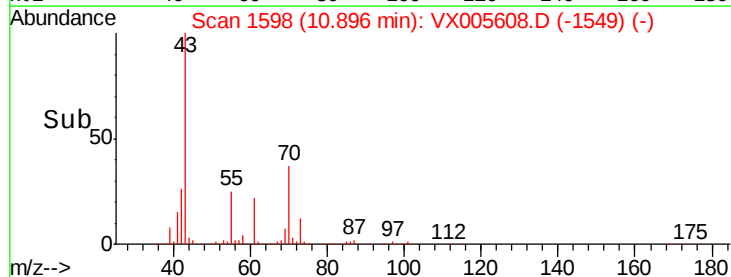
Ion 70.00 (69.70 to 70.70): VX0

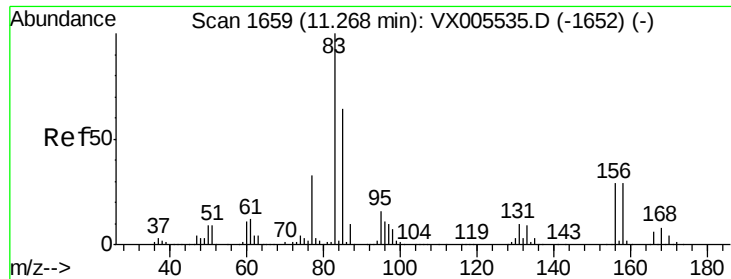
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 20.169 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

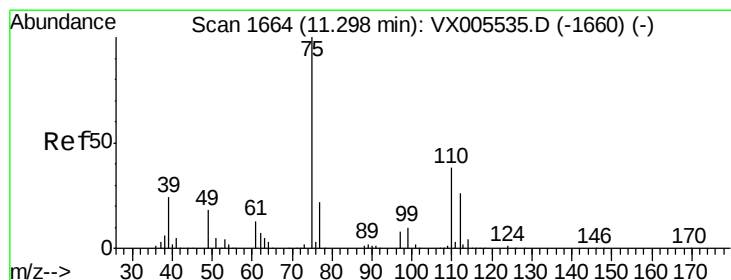
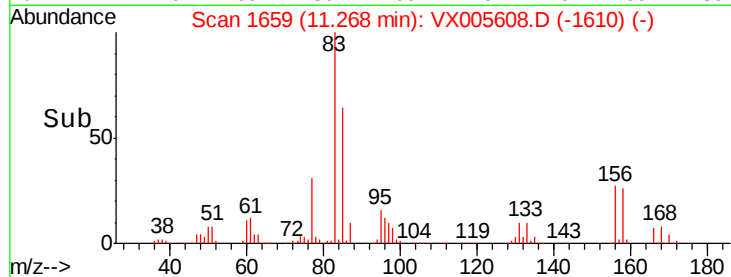
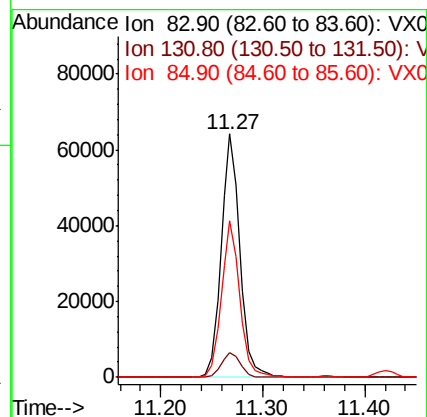
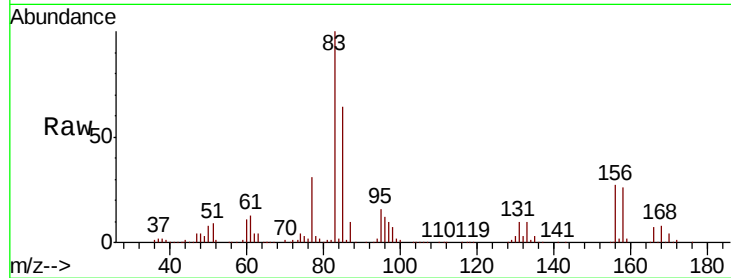
Tot Ion: 83 Resp: 82785

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

85 62.7 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 25.139 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005608.D

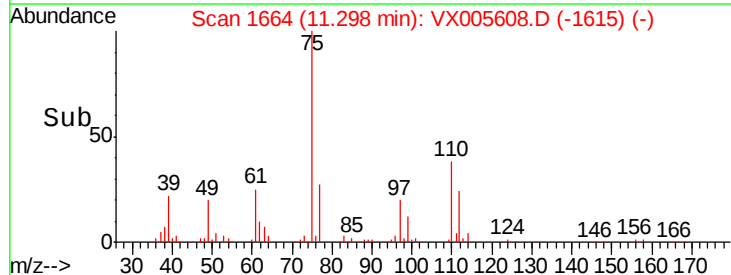
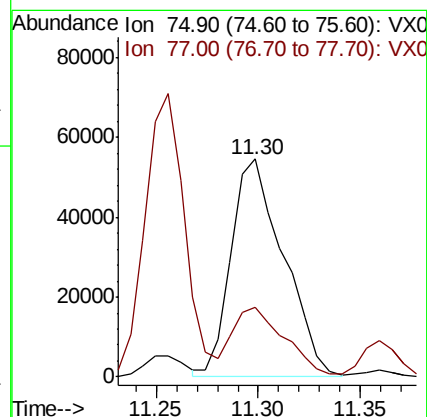
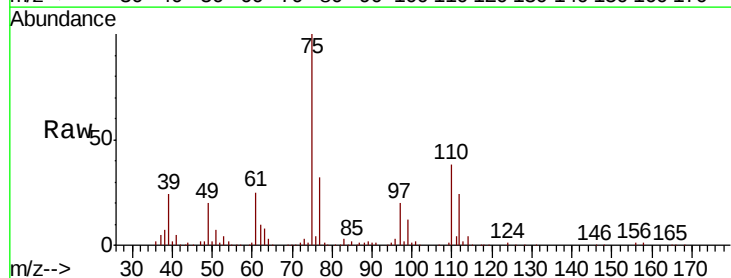
Acq: 26 Oct 2018 16:42

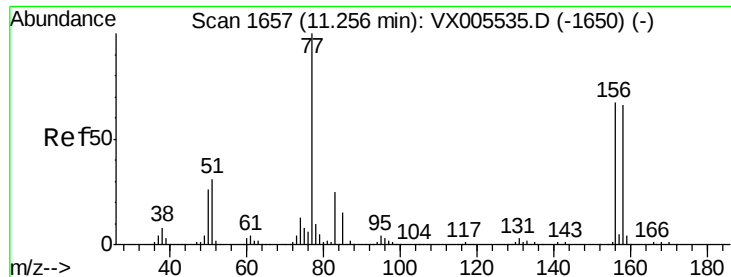
Tgt Ion: 75 Resp: 96944

Ion Ratio Lower Upper

75 100

77 31.7 20.5 61.6





#77

Bromobenzene

Concen: 20.589 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

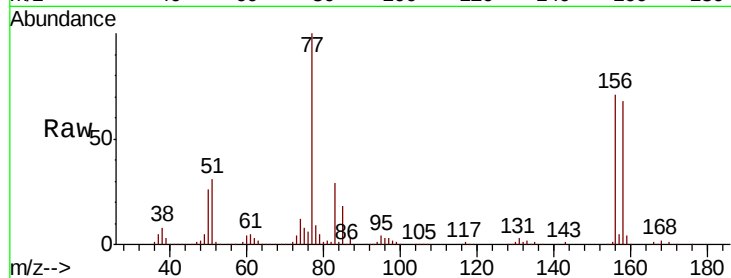
Tot Ion:156 Resp: 63840

Ion Ratio Lower Upper

156 100

77 149.9 74.8 224.4

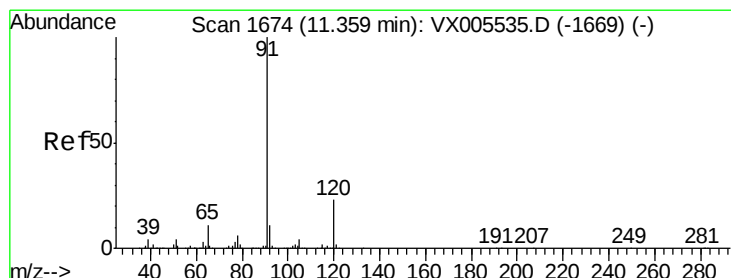
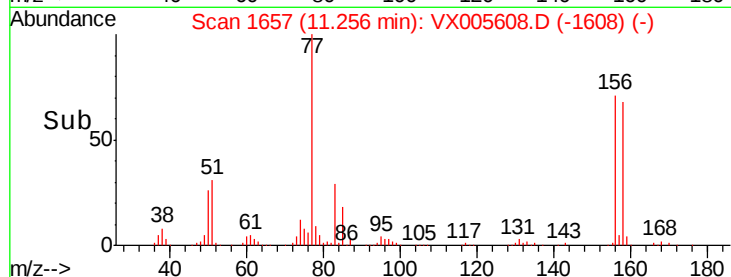
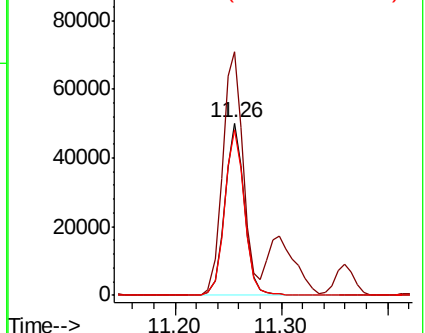
158 97.8 49.1 147.3



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: 21.886 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005608.D

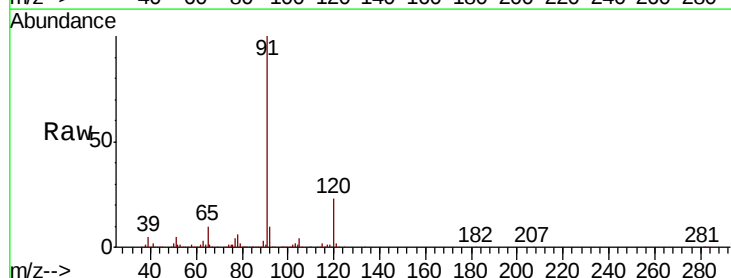
Acq: 26 Oct 2018 16:42

Tgt Ion: 91 Resp: 278428

Ion Ratio Lower Upper

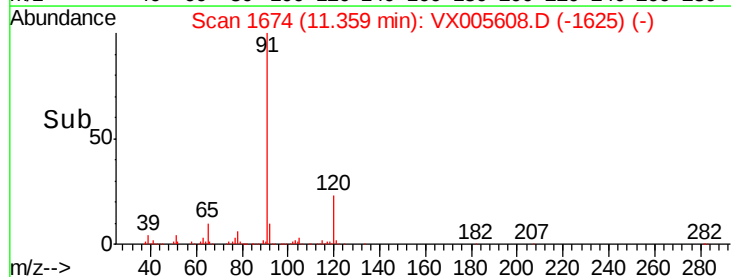
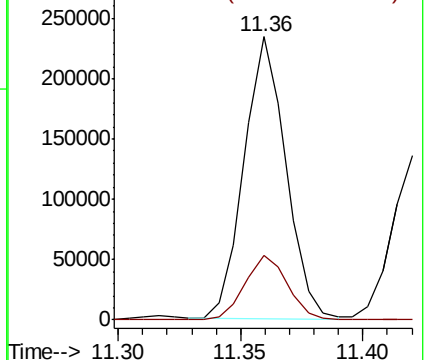
91 100

120 23.5 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: 21.349 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampled :

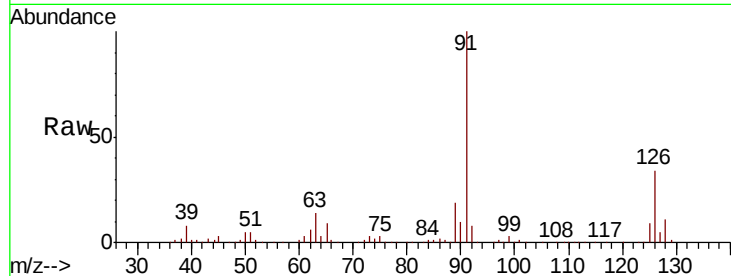
VX1026WBS01

Tot Ion: 91 Resp: 168404

Ion Ratio Lower Upper

91 100

126 34.1 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005535.D (-1679) (-)

250000

200000

150000

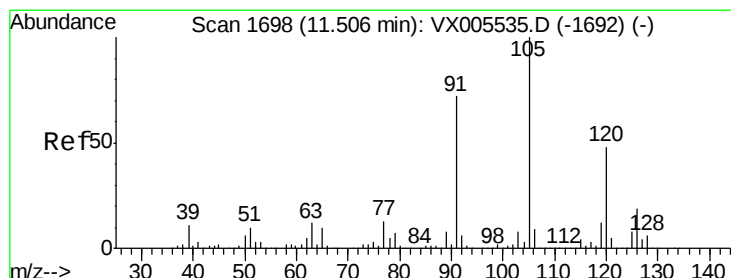
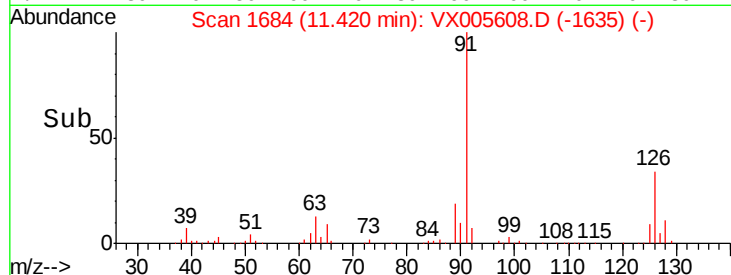
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.472 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005608.D

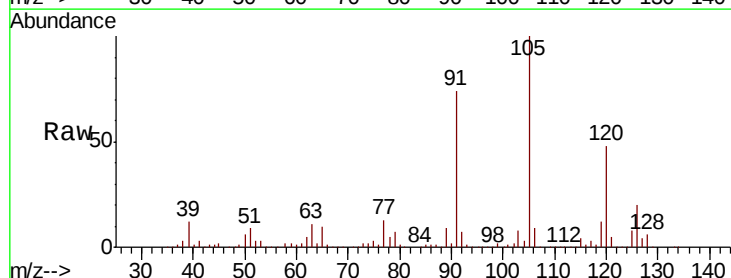
Acq: 26 Oct 2018 16:42

Tgt Ion: 105 Resp: 204358

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005535.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005535.D (-1692) (-)

200000

150000

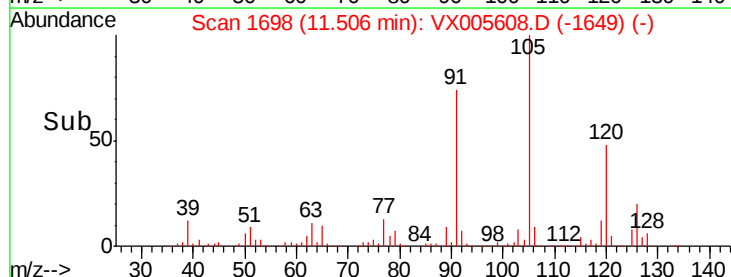
100000

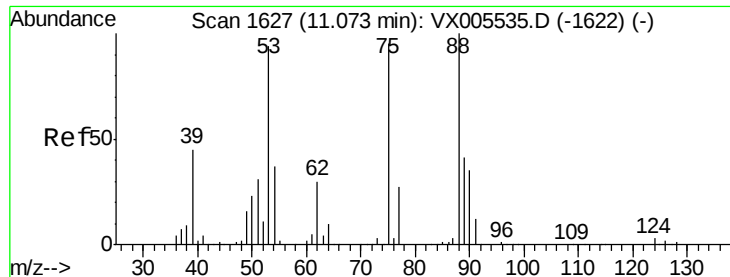
50000

0

11.45 11.50 11.55 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.119 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampled :

VX1026WBS01

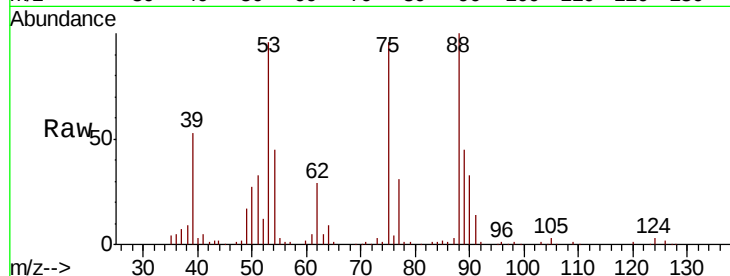
Tot Ion: 75 Resp: 22564

Ion Ratio Lower Upper

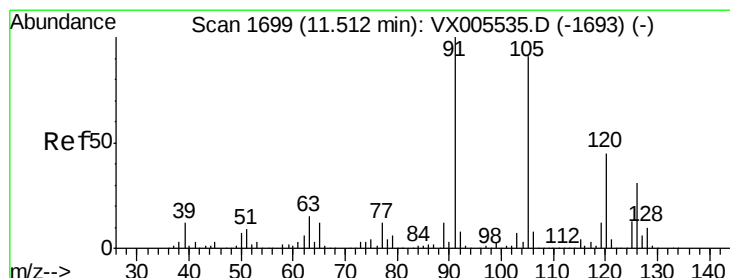
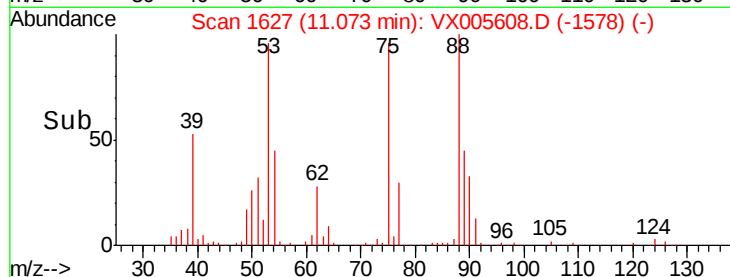
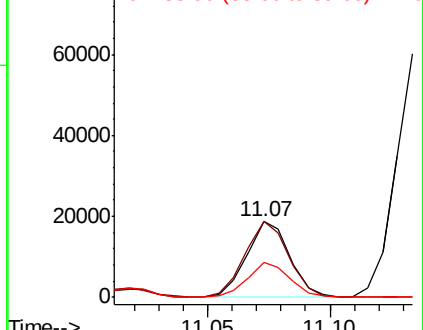
75 100

53 102.2 80.2 120.2

89 46.4 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: 21.288 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005608.D

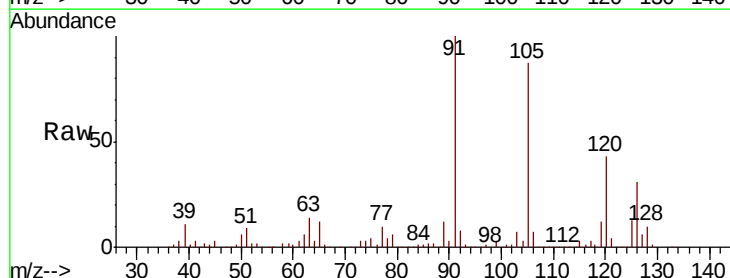
Acq: 26 Oct 2018 16:42

Tgt Ion: 91 Resp: 198001

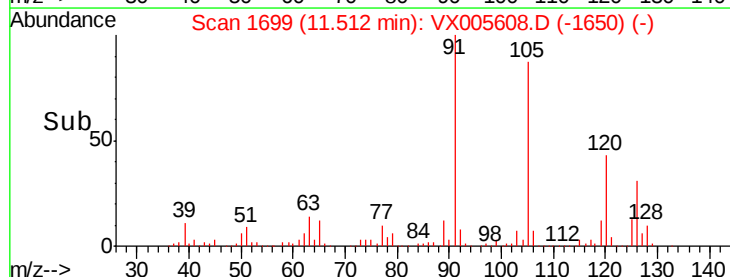
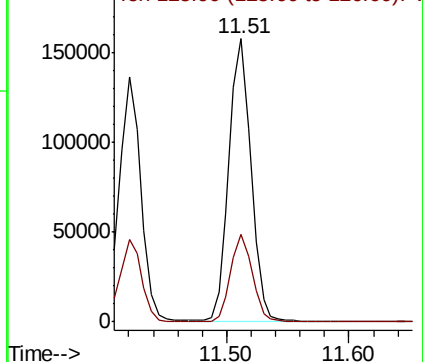
Ion Ratio Lower Upper

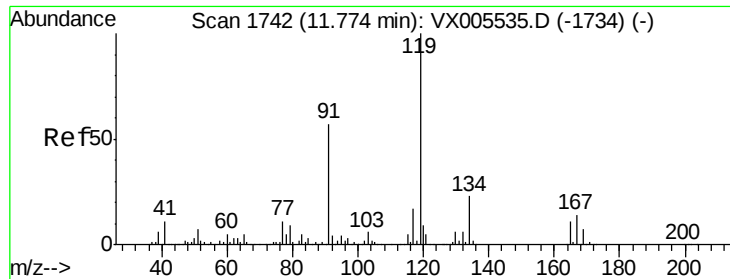
91 100

126 30.2 15.2 45.6



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

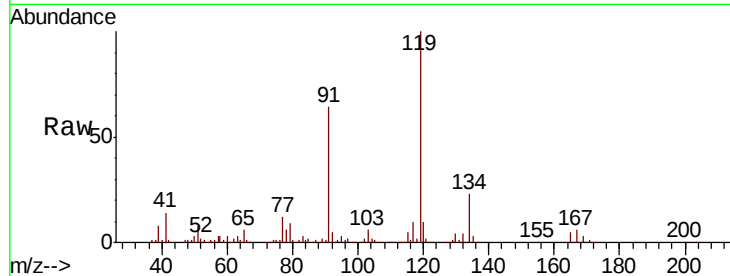




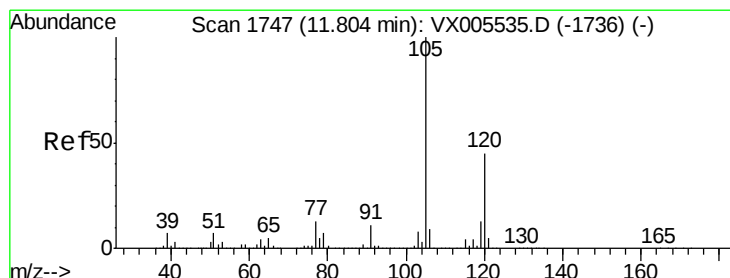
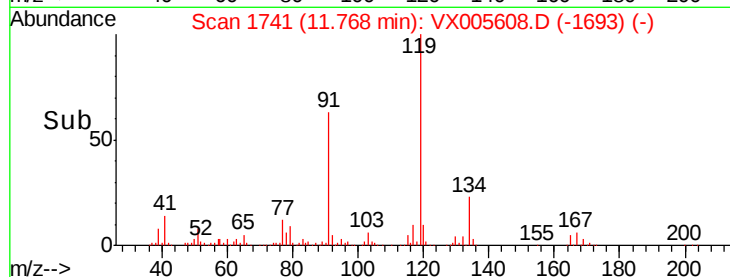
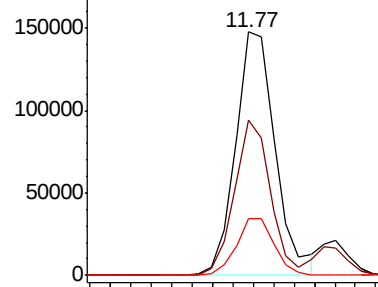
#83
 tert-Butylbenzene
 Concen: 21.059 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX005608.D
 Acq: 26 Oct 2018 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

Tot Ion:119 Resp: 199793
 Ion Ratio Lower Upper
 119 100
 91 57.9 28.5 85.5
 134 22.7 11.3 33.8

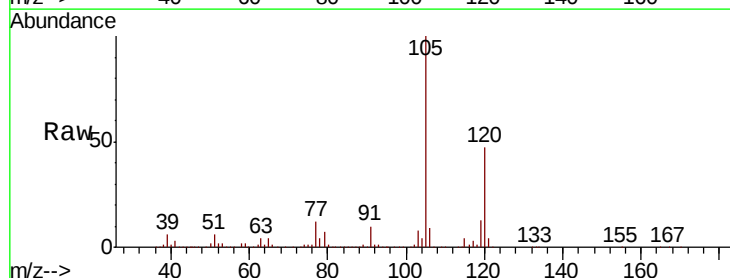


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

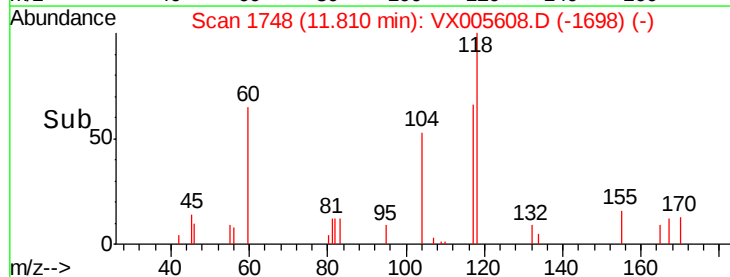
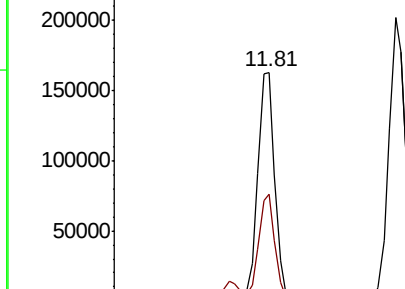


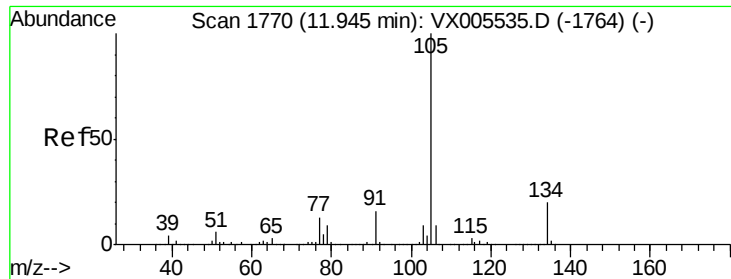
#84
 1,2,4-Trimethylbenzene
 Concen: 21.974 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005608.D
 Acq: 26 Oct 2018 16:42

Tgt Ion:105 Resp: 211965
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.667 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

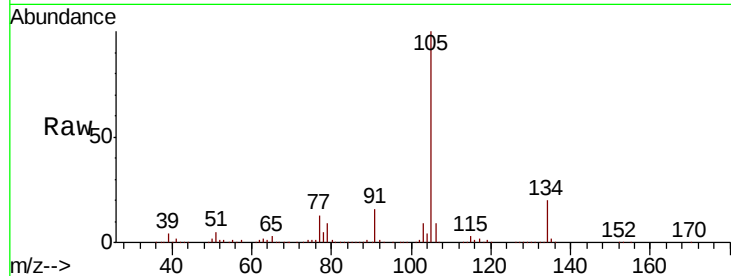
VX1026WBS01

Tot Ion:105 Resp: 245285

Ion Ratio Lower Upper

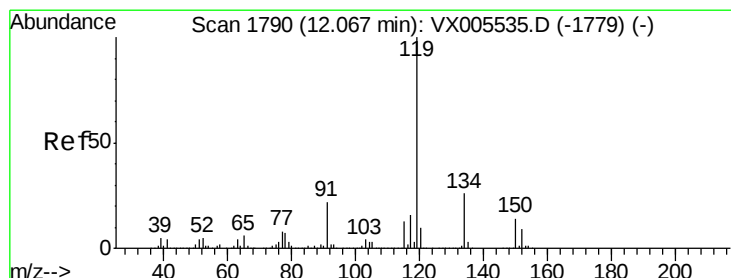
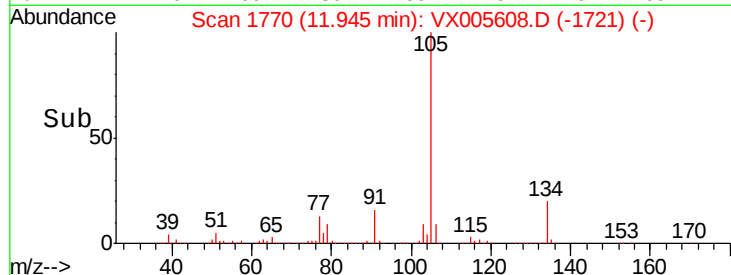
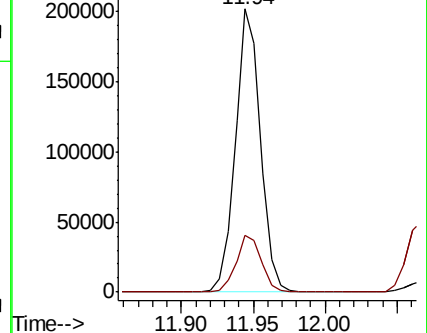
105 100

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



#86

p-Isopropyltoluene

Concen: 21.690 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

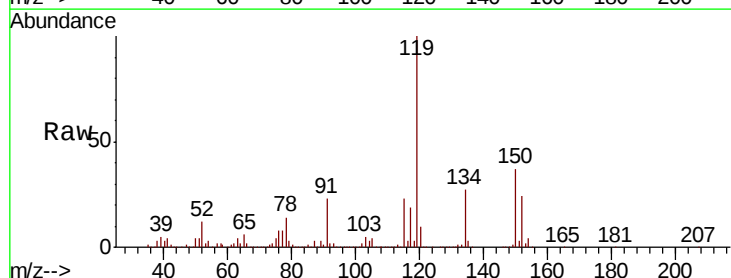
Tgt Ion:119 Resp: 219500

Ion Ratio Lower Upper

119 100

134 26.5 13.0 39.0

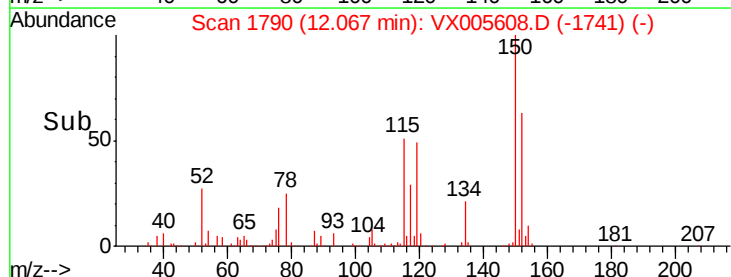
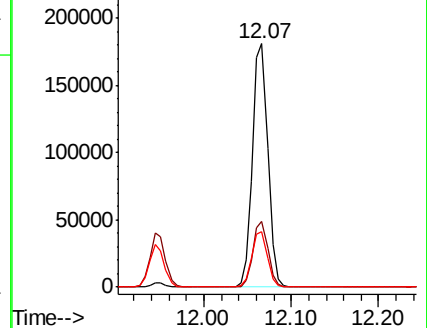
91 23.0 11.4 34.2

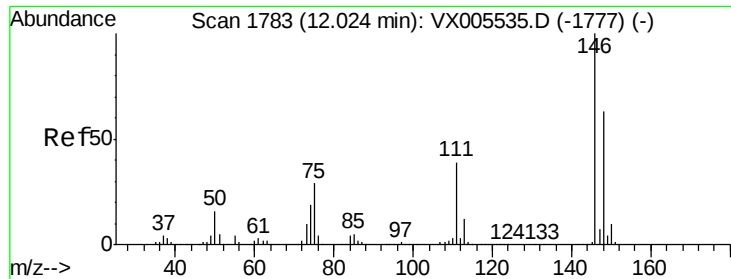


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

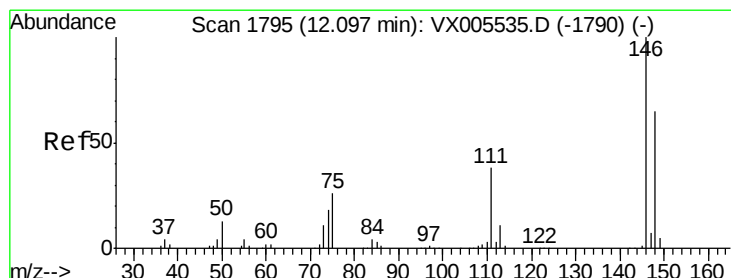
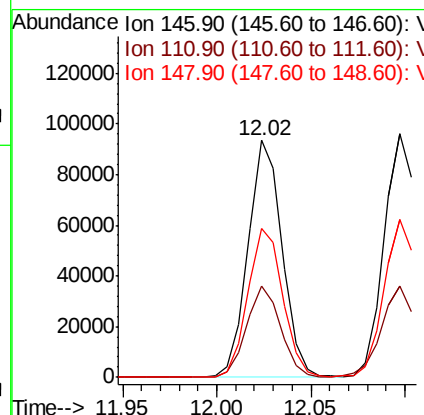
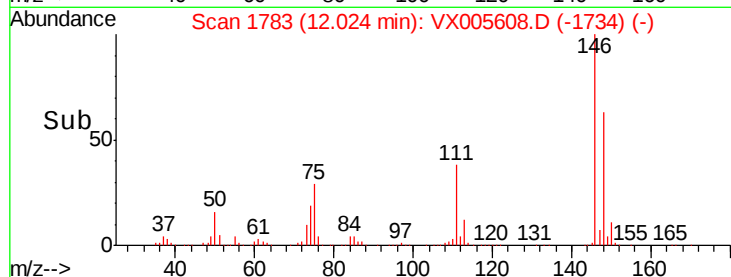
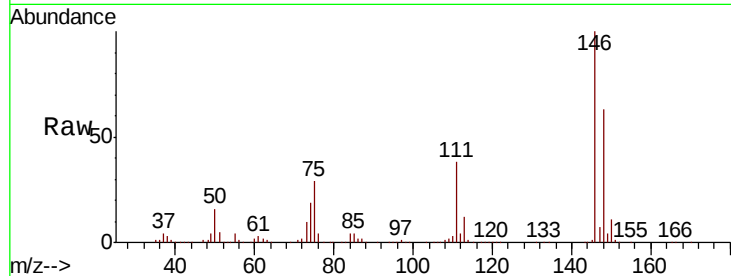




#87
 1,3-Dichlorobenzene
 Concen: 20.183 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005608.D
 Acq: 26 Oct 2018 16:42

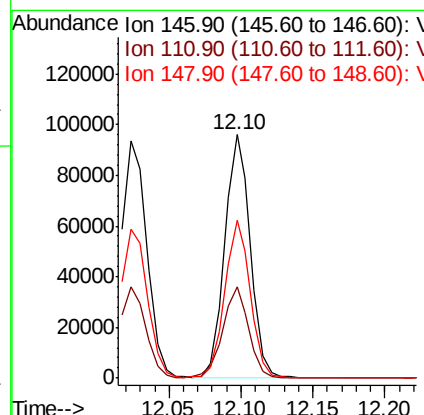
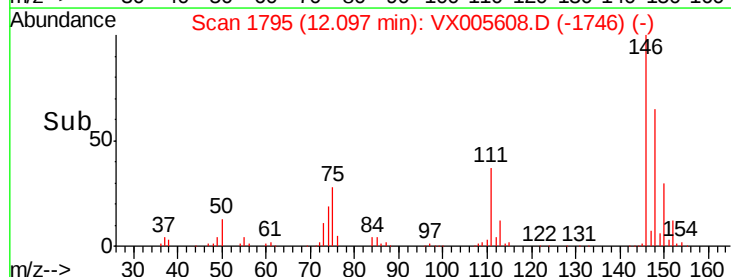
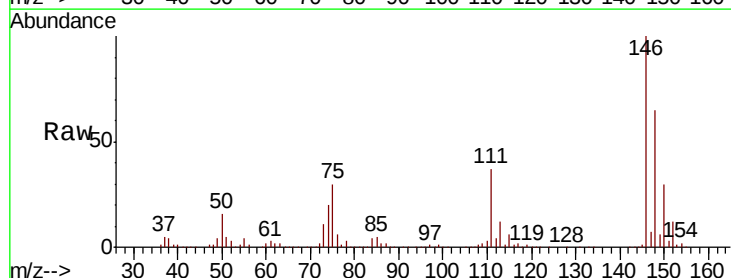
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

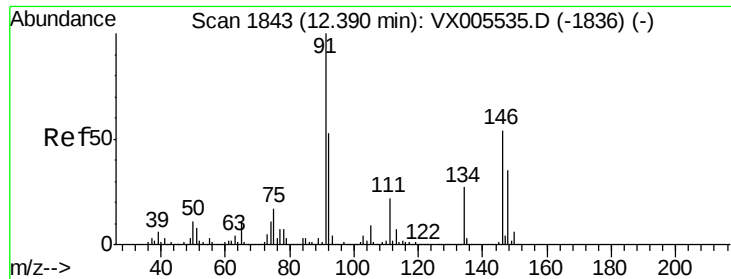
Tot Ion:146 Resp: 117681
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.0 57.0
 148 64.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.632 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005608.D
 Acq: 26 Oct 2018 16:42

Tgt Ion:146 Resp: 119485
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.6 55.8
 148 65.2 32.1 96.3

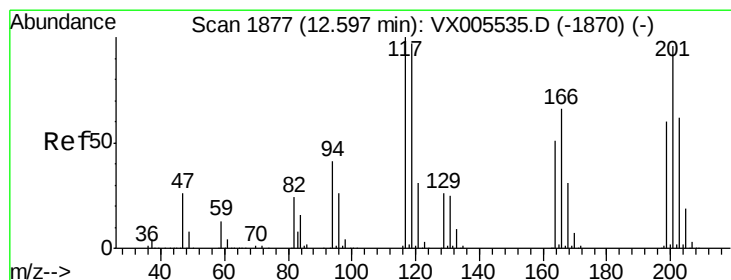
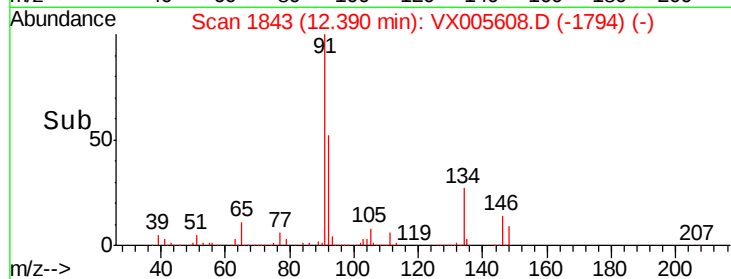
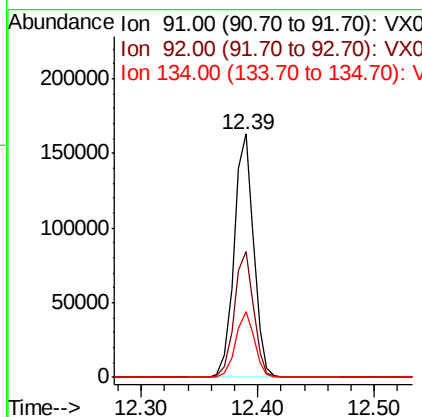
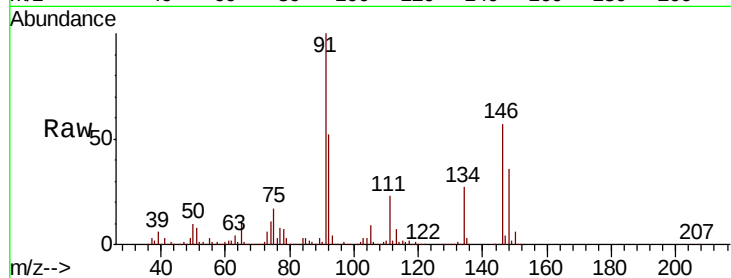




#89
n-Butylbenzene
Concen: 20.874 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

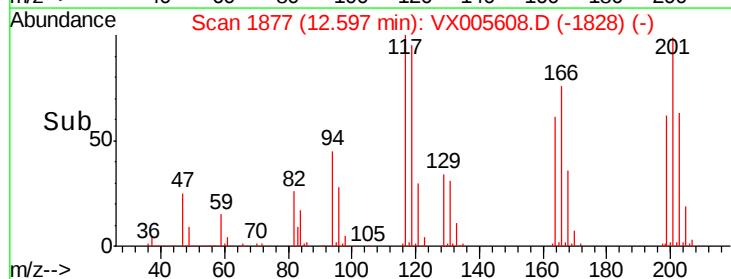
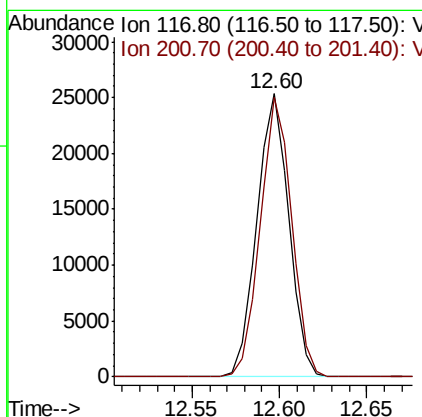
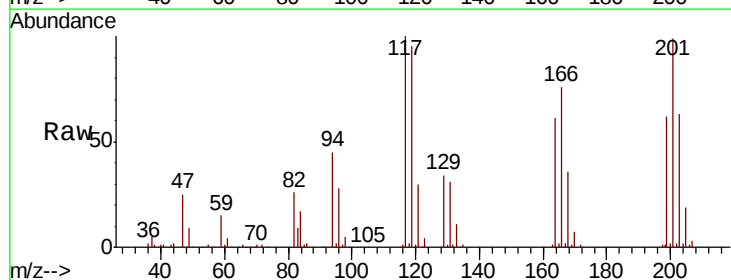
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

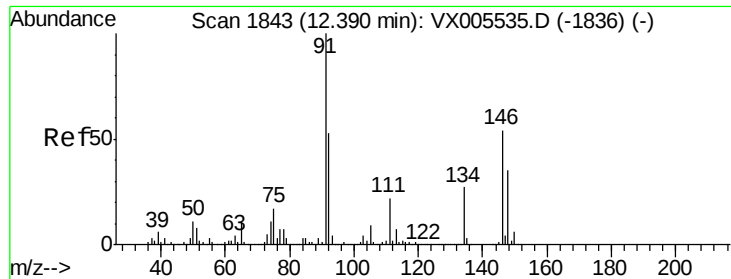
Tot Ion: 91 Resp: 190701
Ion Ratio Lower Upper
91 100
92 51.3 26.1 78.2
134 26.2 13.1 39.3



#90
Hexachloroethane
Concen: 18.424 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005608.D
Acq: 26 Oct 2018 16:42

Tgt Ion: 117 Resp: 32157
Ion Ratio Lower Upper
117 100
201 97.1 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 20.158 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

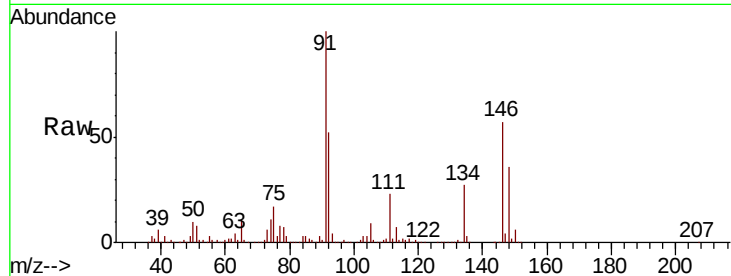
Tot Ion:146 Resp: 118912

Ion Ratio Lower Upper

146 100

111 40.1 20.0 59.9

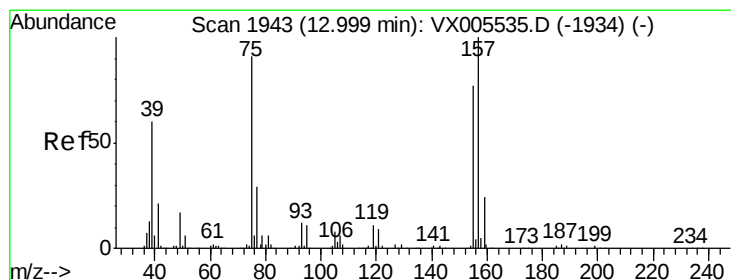
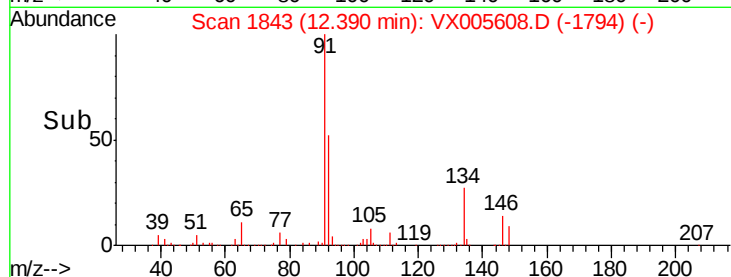
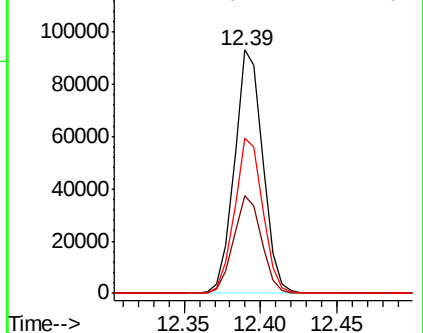
148 63.7 32.2 96.6



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: 19.342 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

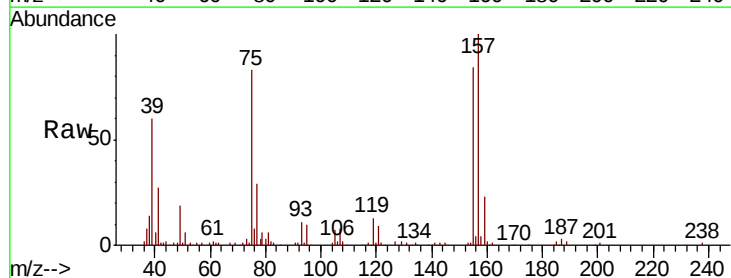
Tgt Ion: 75 Resp: 19196

Ion Ratio Lower Upper

75 100

155 98.1 45.4 136.1

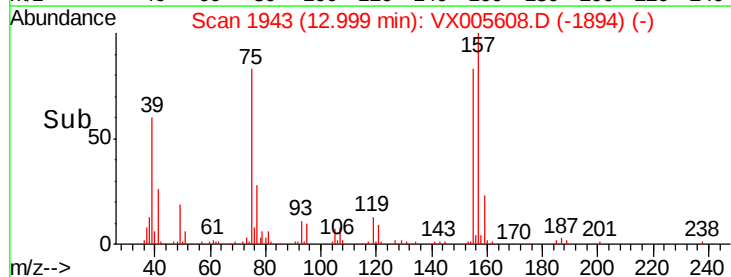
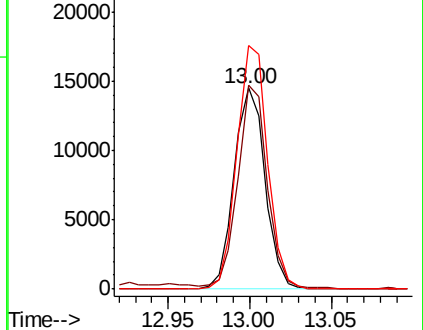
157 119.9 57.4 172.0

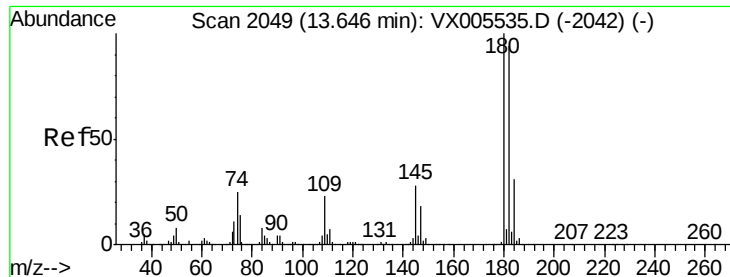


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 20.765 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

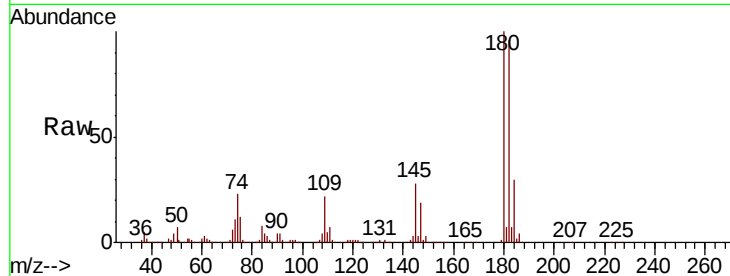
Tot Ion:180 Resp: 88798

Ion Ratio Lower Upper

180 100

182 97.2 47.6 142.8

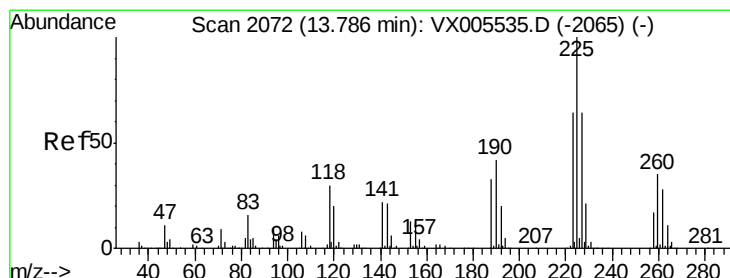
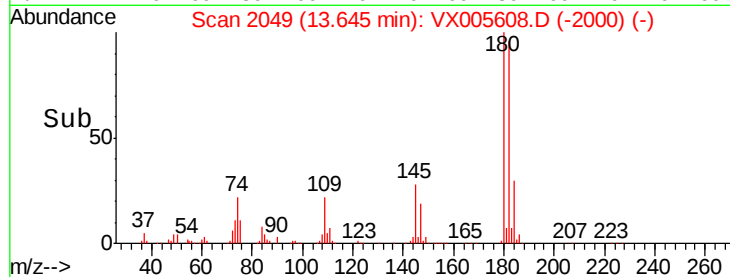
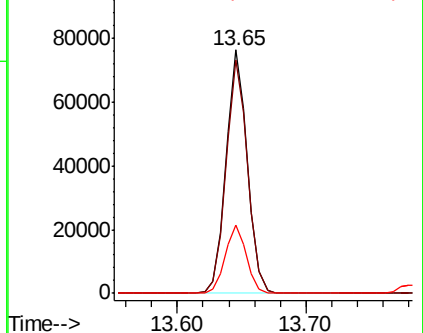
145 28.3 14.1 42.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.266 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

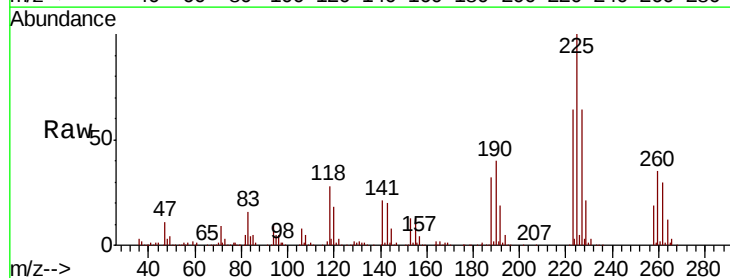
Tgt Ion:225 Resp: 42694

Ion Ratio Lower Upper

225 100

223 62.9 31.7 95.1

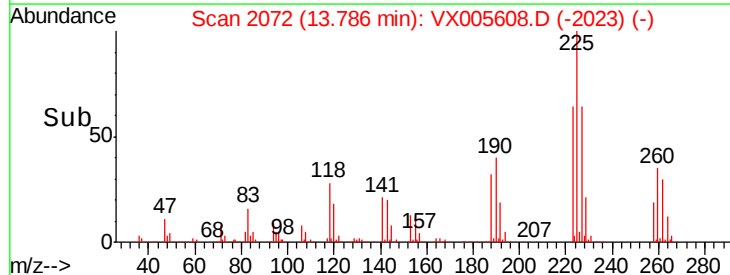
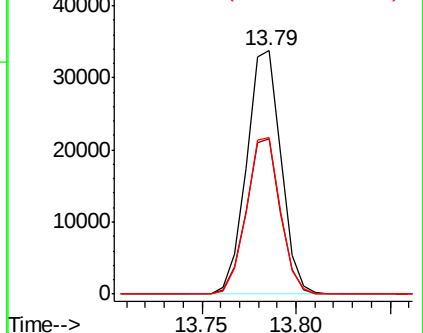
227 63.4 32.3 96.9

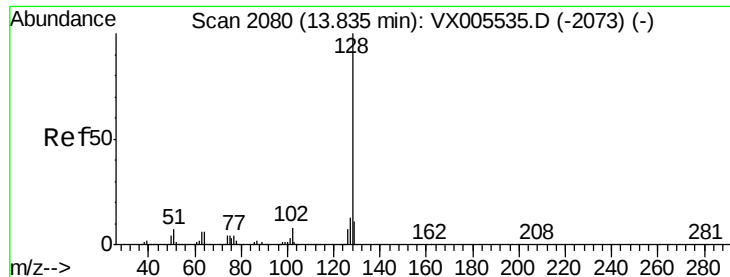


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 22.695 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

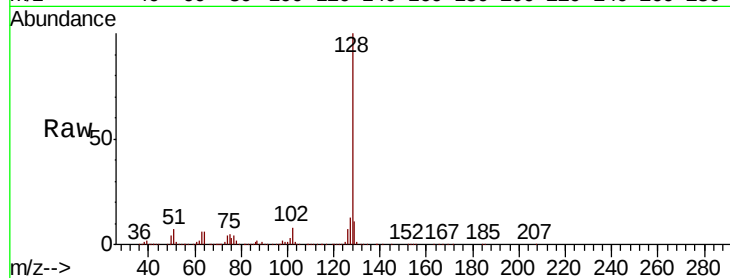
Tot Ion:128 Resp: 282099

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.0 8.7 13.1

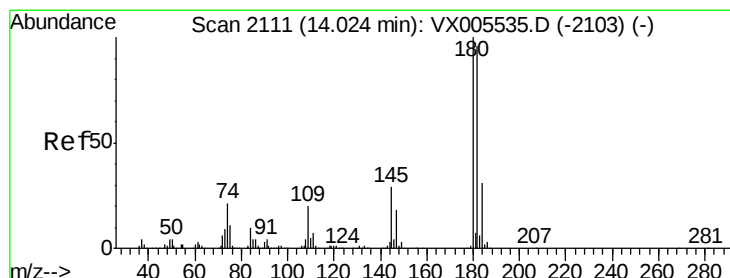
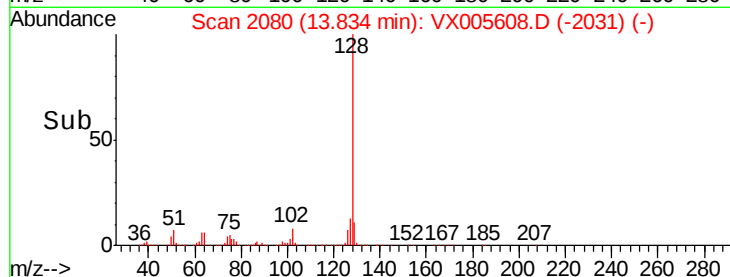
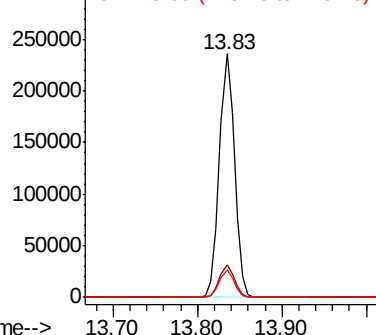


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.166 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005608.D

Acq: 26 Oct 2018 16:42

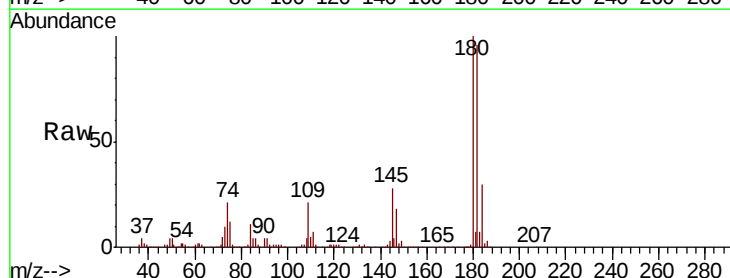
Tgt Ion:180 Resp: 91752

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.2

145 30.3 15.1 45.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

