

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111418\
 Data File : VX005995.D
 Acq On : 15 Nov 2018 01:27
 Operator : JC/MD
 Sample : VX1114WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

Quant Time: Nov 15 06:09:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	122742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	175523	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	152346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	81534	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	66047	46.81	ug/l	0.00
Spiked Amount			Recovery	=	93.62%	
35) Dibromofluoromethane	5.49	113	59077	49.49	ug/l	-0.01
Spiked Amount			Recovery	=	98.98%	
50) Toluene-d8	8.71	98	192014	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.14	95	70304	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	18851	17.034	ug/l	90
3) Chloromethane	1.32	50	26696	18.381	ug/l	92
4) Vinyl Chloride	1.40	62	26121	17.915	ug/l	96
5) Bromomethane	1.64	94	15948	17.874	ug/l	82
6) Chloroethane	1.72	64	17198	19.769	ug/l	95
7) Trichlorofluoromethane	1.93	101	34224	17.684	ug/l	98
8) Diethyl Ether	2.19	74	14730	19.424	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	20487	18.406	ug/l	98
10) Methyl Iodide	2.51	142	23509	17.427	ug/l	98
11) Tert butyl alcohol	3.07	59	40884	101.142	ug/l	99
12) 1,1-Dichloroethene	2.38	96	20312	18.722	ug/l	86
13) Acrolein	2.29	56	24496	136.515	ug/l	96
14) Allyl chloride	2.73	41	44833	18.503	ug/l	98
15) Acrylonitrile	3.15	53	84026	100.305	ug/l	97
16) Acetone	2.45	43	74444	97.984	ug/l	95
17) Carbon Disulfide	2.57	76	57729	17.839	ug/l	99
18) Methyl Acetate	2.78	43	45162	21.331	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	76503	20.661	ug/l	98
20) Methylene Chloride	2.86	84	23575	18.890	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	21243	18.564	ug/l	95
22) Diisopropyl ether	3.87	45	84535	19.916	ug/l	96
23) Vinyl Acetate	3.82	43	345053	94.811	ug/l	99
24) 1,1-Dichloroethane	3.70	63	44531	19.664	ug/l	99
25) 2-Butanone	4.70	43	115606	96.785	ug/l	99
26) 2,2-Dichloropropane	4.58	77	27892	16.790	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	25463	20.152	ug/l	98
28) Bromochloromethane	5.03	49	23469	23.189	ug/l	96
29) Tetrahydrofuran	5.16	42	75179	98.025	ug/l	98
30) Chloroform	5.21	83	47562	21.769	ug/l	96
31) Cyclohexane	5.57	56	36165	18.397	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	36237	19.885	ug/l	99
36) 1,1-Dichloropropene	5.80	75	30204	17.850	ug/l	97
37) Ethyl Acetate	4.86	43	42612	19.150	ug/l	98
38) Carbon Tetrachloride	5.79	117	29430	17.373	ug/l	92

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 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	29481	17.190	ug/l	99
40) Benzene	6.15	78	93054	18.864	ug/l	100
41) Methacrylonitrile	5.06	41	24038	19.993	ug/l	99
42) 1,2-Dichloroethane	6.20	62	33746	19.100	ug/l	99
43) Isopropyl Acetate	6.46	43	58823	18.244	ug/l	98
44) Trichloroethene	7.21	130	22836	18.229	ug/l	99
45) 1,2-Dichloropropane	7.52	63	22846	19.082	ug/l	98
46) Dibromomethane	7.66	93	14377	19.136	ug/l	99
47) Bromodichloromethane	7.90	83	28241	19.890	ug/l	98
48) Methyl methacrylate	7.77	41	28042	19.369	ug/l	99
49) 1,4-Dioxane	7.75	88	12335	395.394	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	195165	96.044	ug/l	100
52) Toluene	8.79	92	51563	18.703	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	29258	17.461	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	32325	18.928	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	21858	17.790	ug/l	98
56) Ethyl methacrylate	9.18	69	32625	17.746	ug/l	99
57) 1,3-Dichloropropane	9.37	76	36621	17.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	93991	98.998	ug/l	99
59) 2-Hexanone	9.49	43	152606	85.200	ug/l	100
60) Dibromochloromethane	9.59	129	21941	16.523	ug/l	99
61) 1,2-Dibromoethane	9.67	107	22634	16.659	ug/l	99
64) Tetrachloroethene	9.34	164	23364	18.013	ug/l	99
65) Chlorobenzene	10.14	112	57956	18.990	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	21054	19.843	ug/l	99
67) Ethyl Benzene	10.25	91	96841	19.788	ug/l	99
68) m/p-Xylenes	10.36	106	75495	40.442	ug/l	100
69) o-Xylene	10.70	106	35097	20.967	ug/l	97
70) Styrene	10.71	104	59585	21.578	ug/l	100
71) Bromoform	10.86	173	17900	20.125	ug/l #	98
73) Isopropylbenzene	11.02	105	99808	21.168	ug/l	100
74) N-amyl acetate	10.90	43	48109	18.981	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	34777	20.095	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	41252	24.847	ug/l	85
77) Bromobenzene	11.26	156	26575	19.997	ug/l	99
78) n-propylbenzene	11.36	91	113658	20.454	ug/l	99
79) 2-Chlorotoluene	11.42	91	69082	20.568	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	83913	20.943	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	9830	18.871	ug/l	97
82) 4-Chlorotoluene	11.51	91	81344	20.550	ug/l	100
83) tert-Butylbenzene	11.77	119	81273	20.050	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	85547	19.273	ug/l	100
85) sec-Butylbenzene	11.94	105	98373	19.846	ug/l	100
86) p-Isopropyltoluene	12.07	119	87730	19.981	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	48399	18.976	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	49336	18.896	ug/l	98
89) n-Butylbenzene	12.39	91	73960	18.175	ug/l	99
90) Hexachloroethane	12.60	117	14201	19.372	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	48587	19.016	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8304	19.663	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	34575	19.222	ug/l	100
94) Hexachlorobutadiene	13.78	225	16424	17.383	ug/l	99
95) Naphthalene	13.83	128	106308	18.874	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	35341	19.286	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

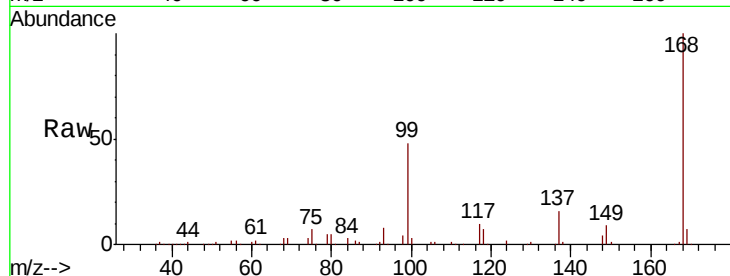
VX1114WBSD02

Tot Ion:168 Resp: 122742

Ion Ratio Lower Upper

168 100

99 48.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

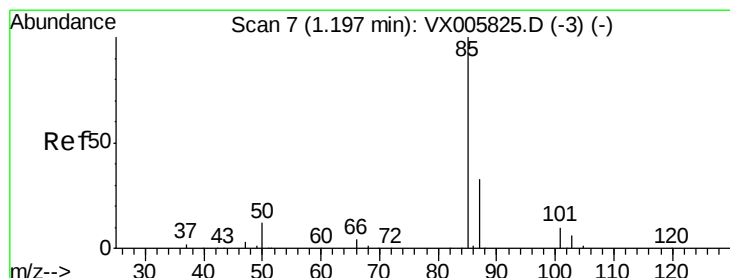
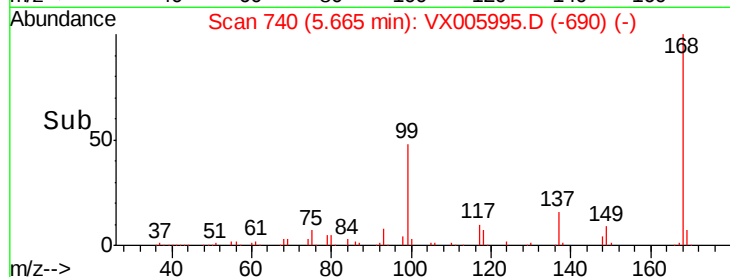
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.034 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005995.D

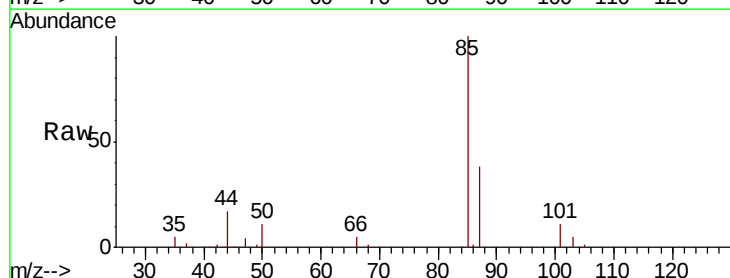
Acq: 15 Nov 2018 01:27

Tgt Ion: 85 Resp: 18851

Ion Ratio Lower Upper

85 100

87 38.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

20000

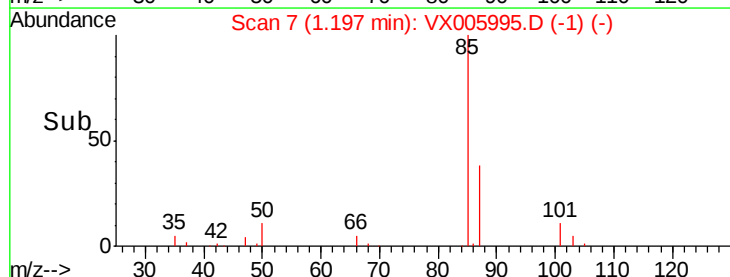
15000

10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 18.381 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

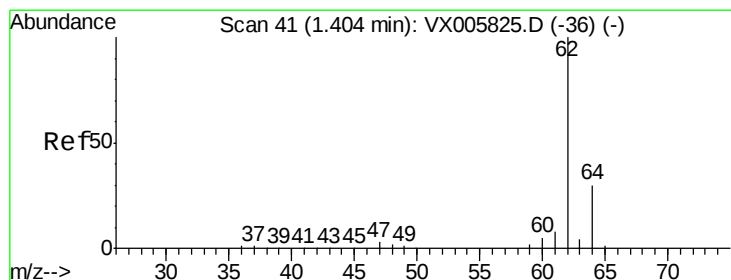
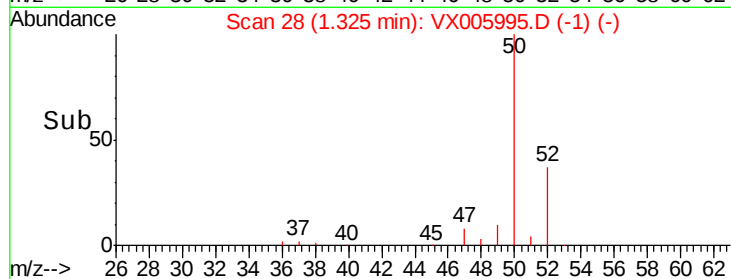
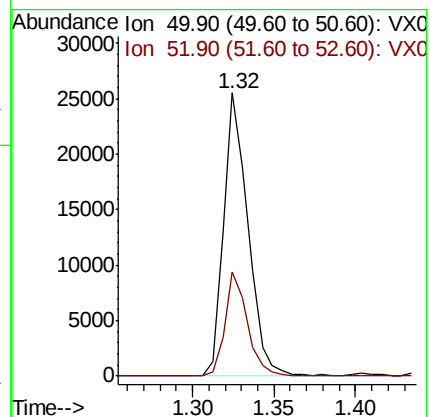
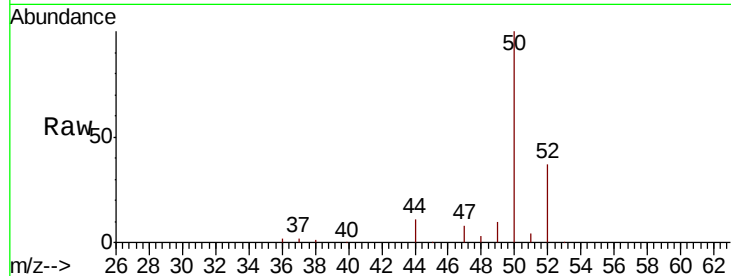
VX1114WBSD02

Tot Ion: 50 Resp: 26696

Ion Ratio Lower Upper

50 100

52 37.0 26.2 39.2



#4

Vinyl Chloride

Concen: 17.915 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005995.D

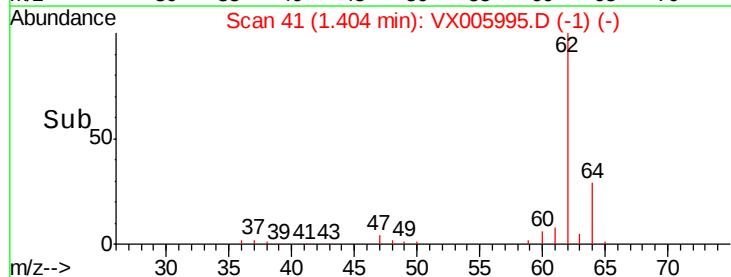
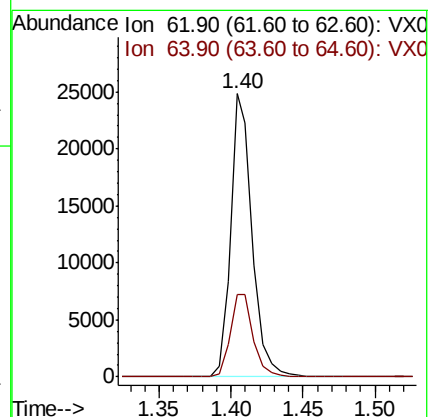
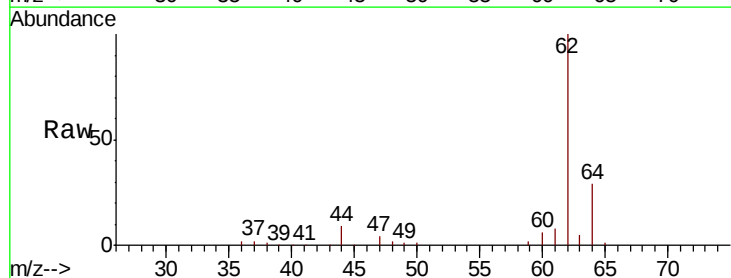
Acq: 15 Nov 2018 01:27

Tgt Ion: 62 Resp: 26121

Ion Ratio Lower Upper

62 100

64 29.2 25.3 37.9





#5

Bromomethane

Concen: 17.874 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

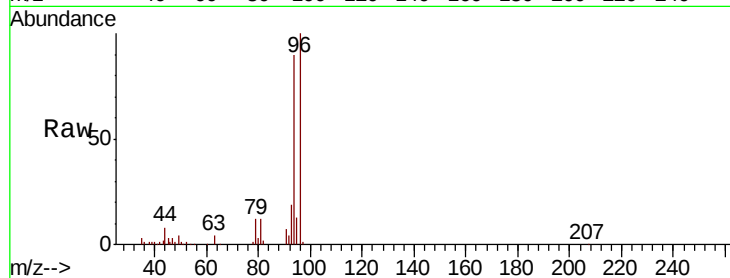
VX1114WBSD02

Tot Ion: 94 Resp: 15948

Ion Ratio Lower Upper

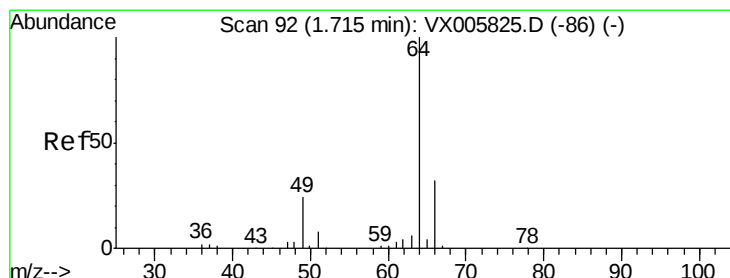
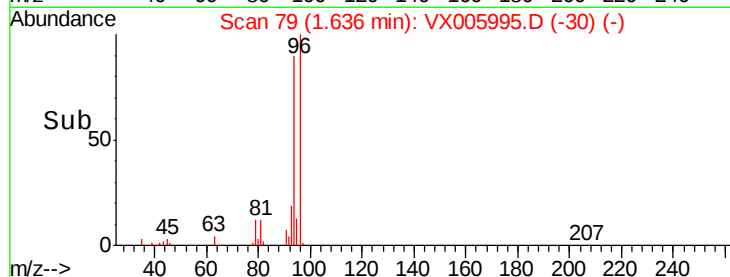
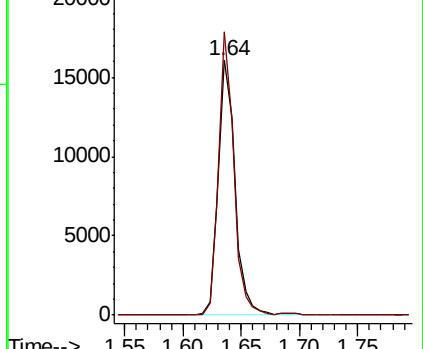
94 100

96 111.1 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: 19.769 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005995.D

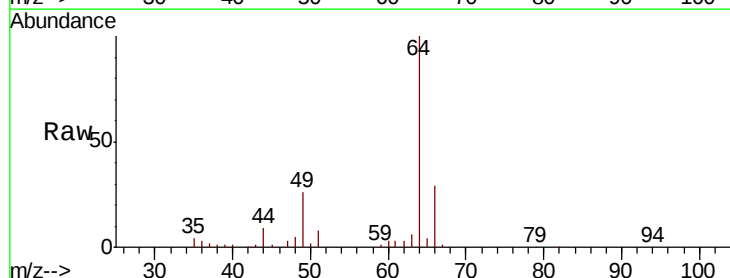
Acq: 15 Nov 2018 01:27

Tgt Ion: 64 Resp: 17198

Ion Ratio Lower Upper

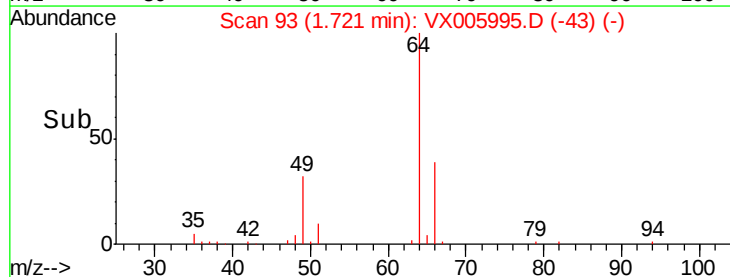
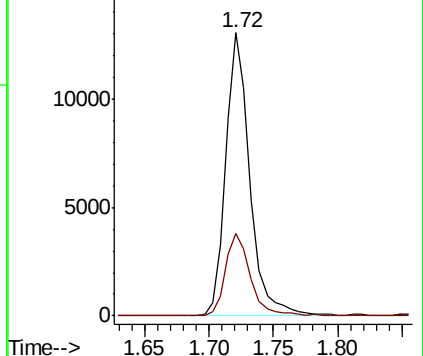
64 100

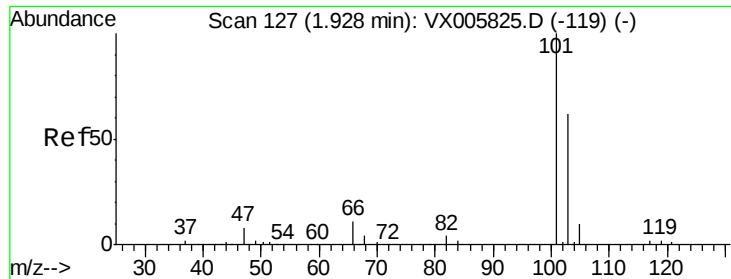
66 29.3 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



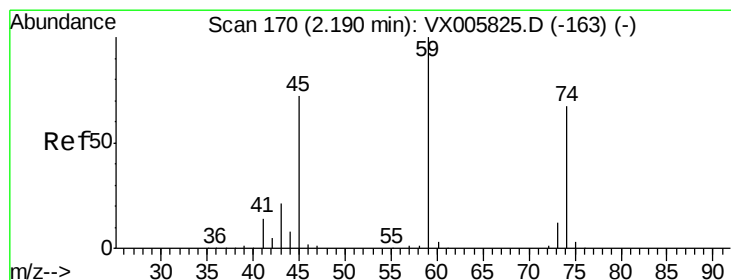
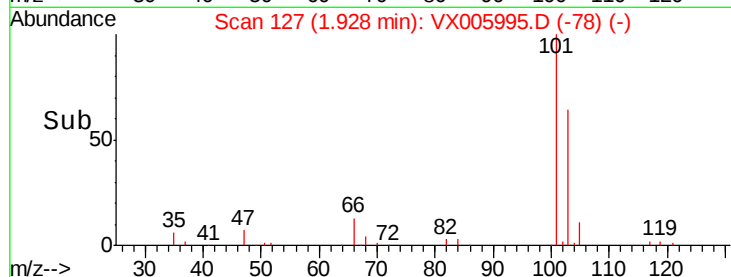
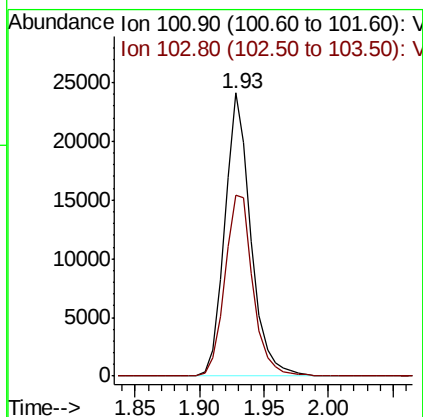
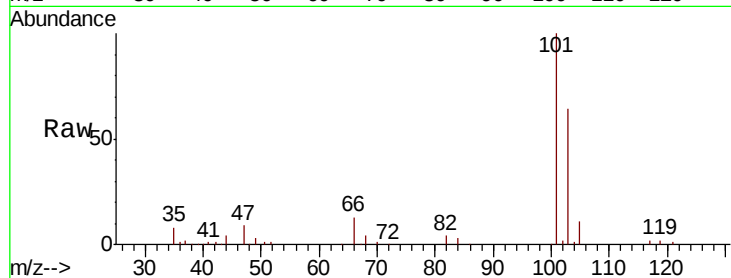


#7

Trichlorofluoromethane
 Concen: 17.684 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Instrument :
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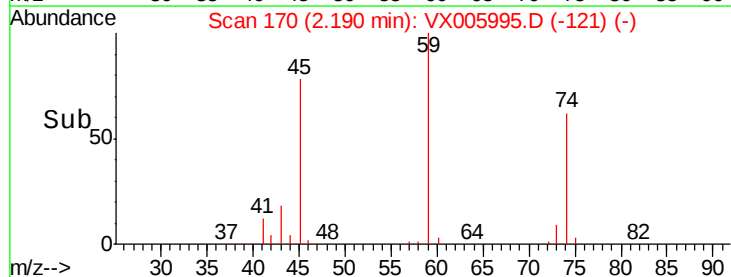
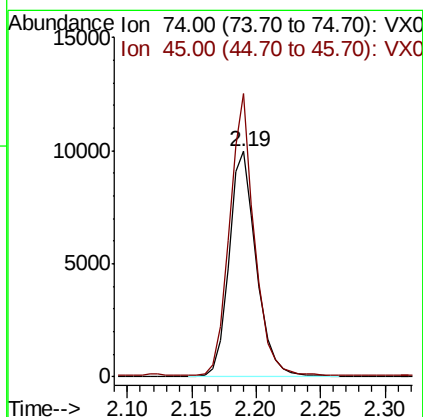
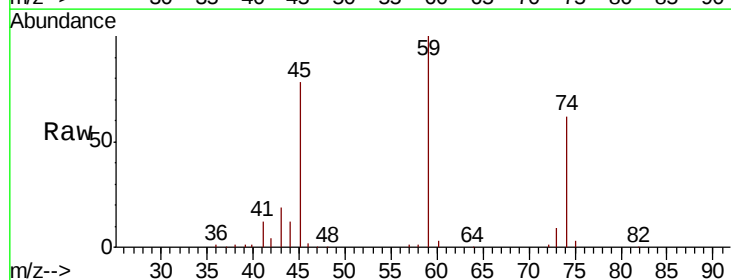
Tot Ion:101 Resp: 34224
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.0 75.0

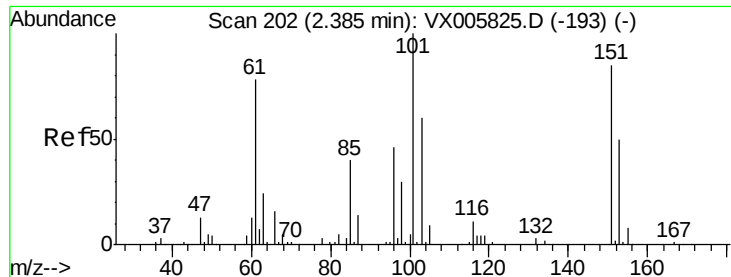


#8

Diethyl Ether
 Concen: 19.424 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion: 74 Resp: 14730
 Ion Ratio Lower Upper
 74 100
 45 113.6 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.406 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

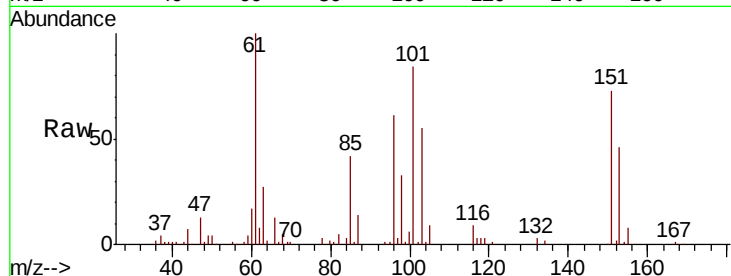
Tot Ion:101 Resp: 20487

Ion Ratio Lower Upper

101 100

85 45.7 35.0 52.4

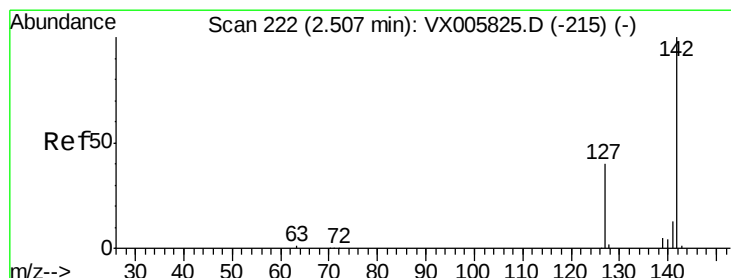
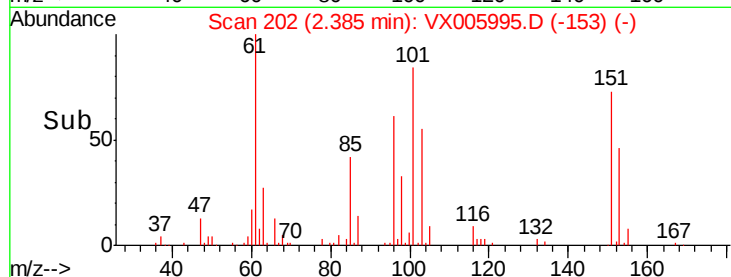
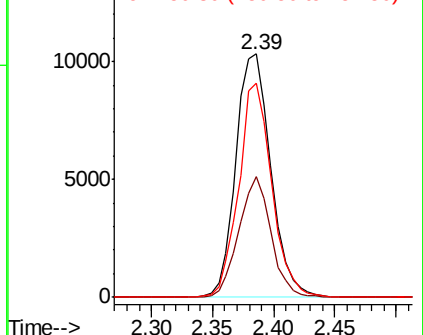
151 83.4 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.427 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

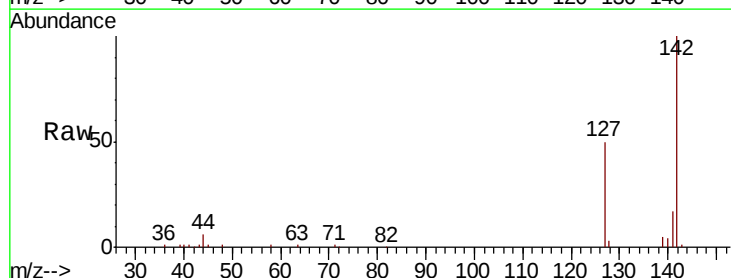
Tgt Ion:142 Resp: 23509

Ion Ratio Lower Upper

142 100

127 45.9 36.0 54.0

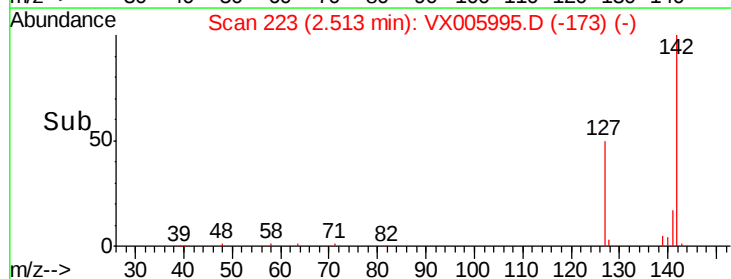
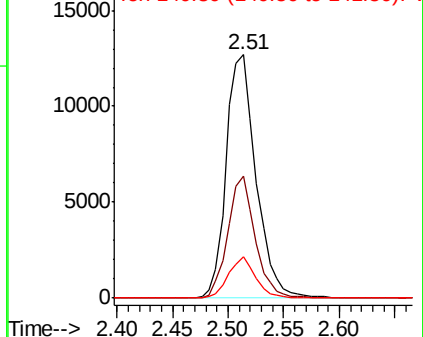
141 15.4 11.7 17.5

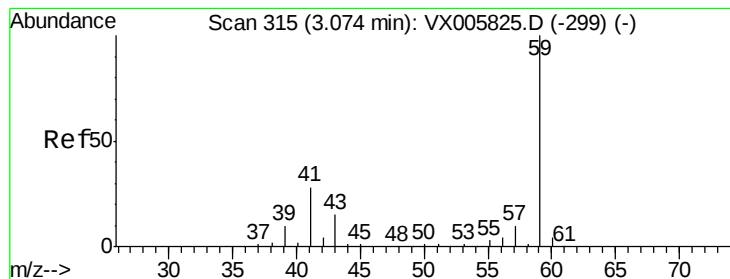


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



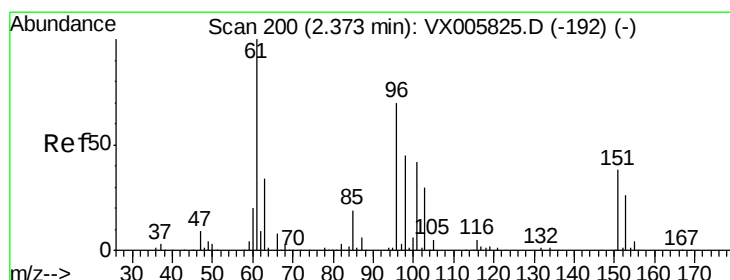
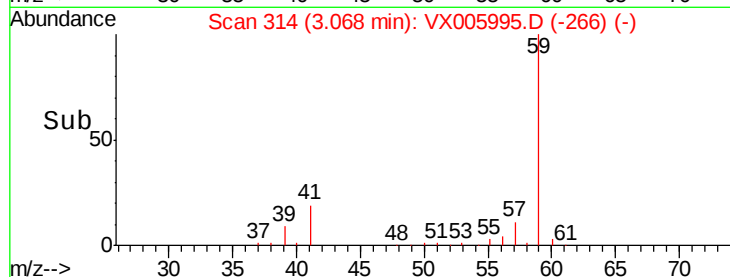
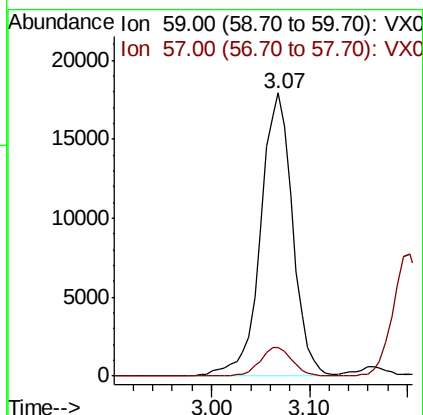
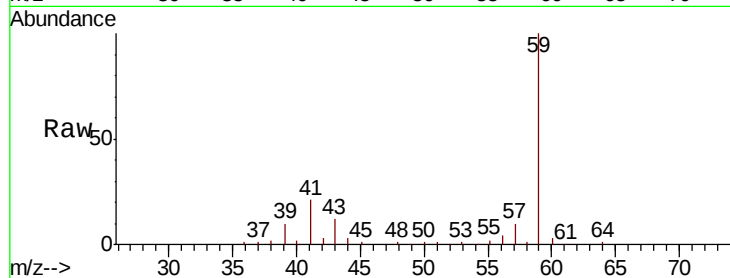


#11

Tert butyl alcohol
 Concen: 101.142 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

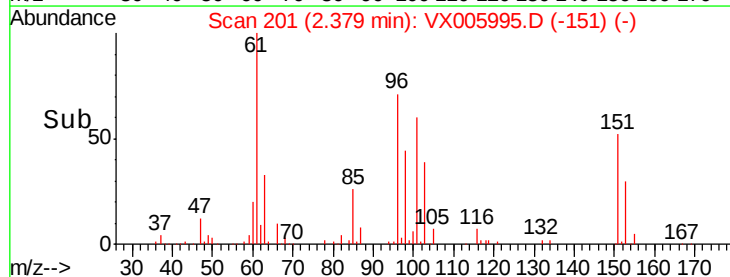
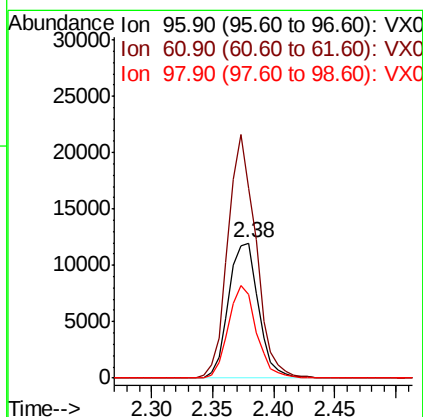
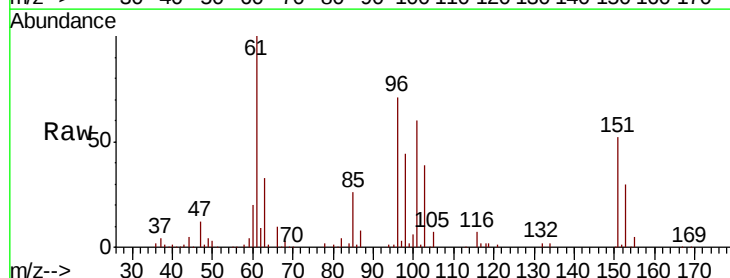
Tot Ion: 59 Resp: 40884
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

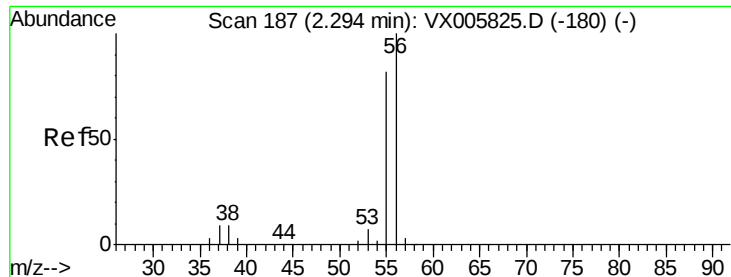


#12

1,1-Dichloroethene
 Concen: 18.722 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion: 96 Resp: 20312
 Ion Ratio Lower Upper
 96 100
 61 141.1 131.8 197.8
 98 62.1 53.4 80.2

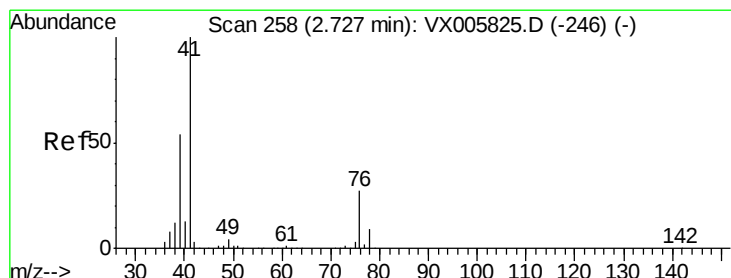
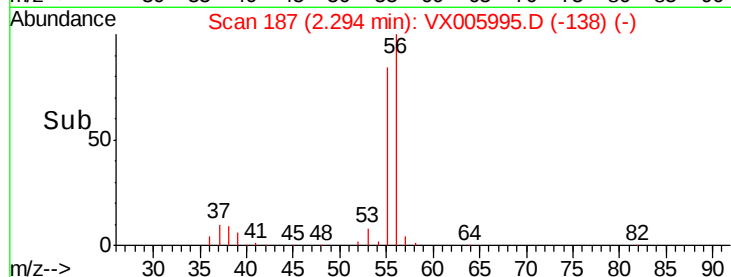
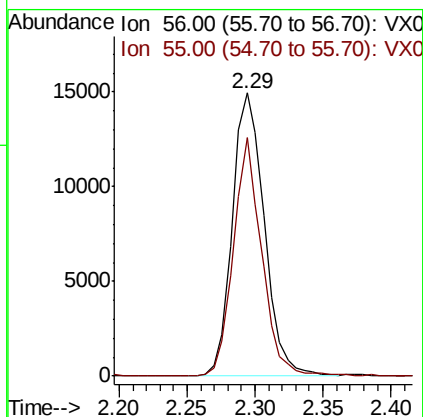
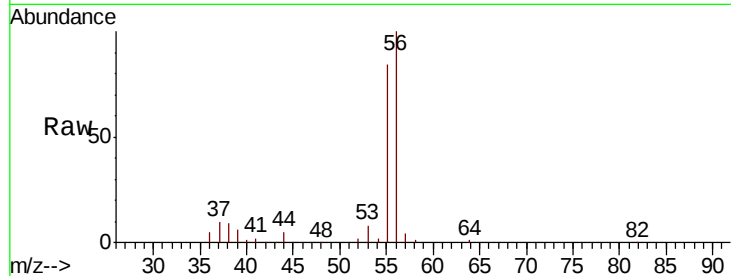




#13
Acrolein
Concen: 136.515 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

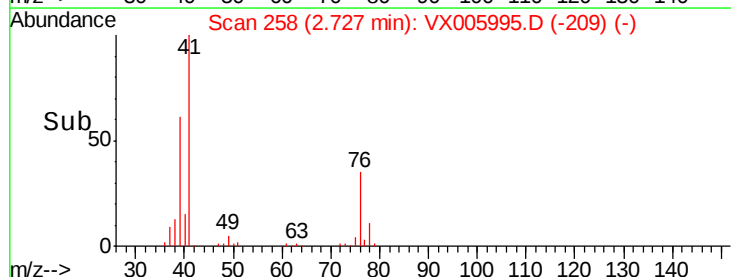
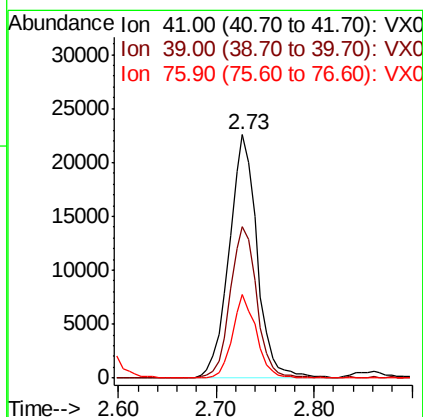
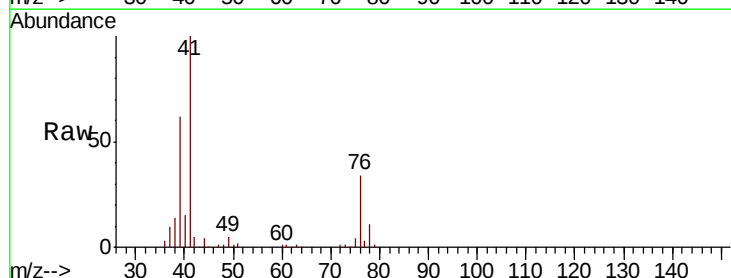
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

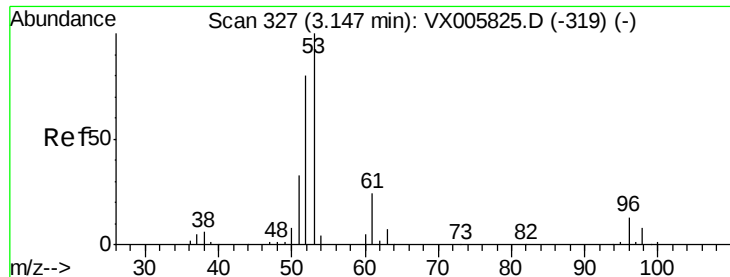
Tot Ion: 56 Resp: 24496
Ion Ratio Lower Upper
56 100
55 74.7 57.3 85.9



#14
Allyl chloride
Concen: 18.503 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion: 41 Resp: 44833
Ion Ratio Lower Upper
41 100
39 59.4 48.2 72.4
76 29.1 21.9 32.9





#15

Acrylonitrile

Concen: 100.305 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

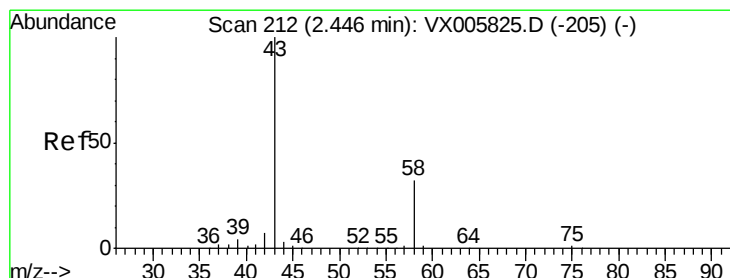
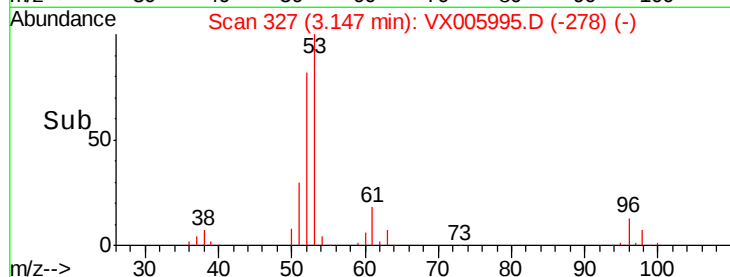
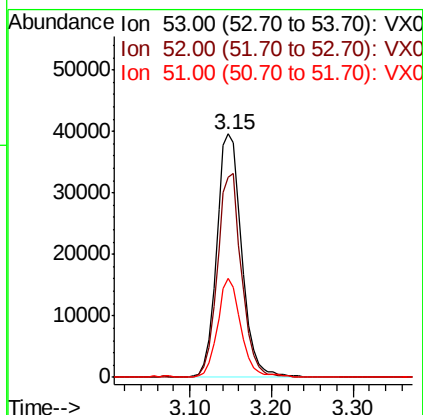
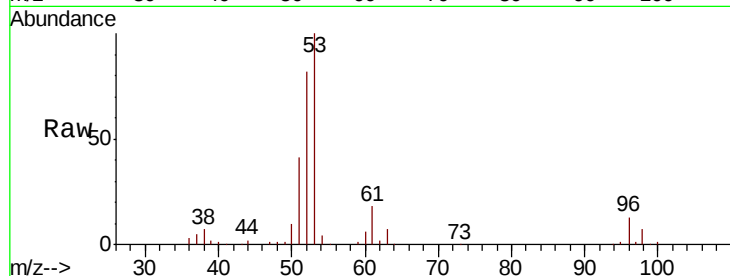
Tot Ion: 53 Resp: 84026

Ion Ratio Lower Upper

53 100

52 81.4 66.6 99.8

51 38.7 28.4 42.6



#16

Acetone

Concen: 97.984 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005995.D

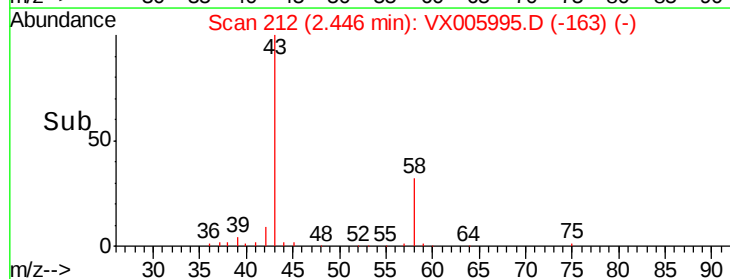
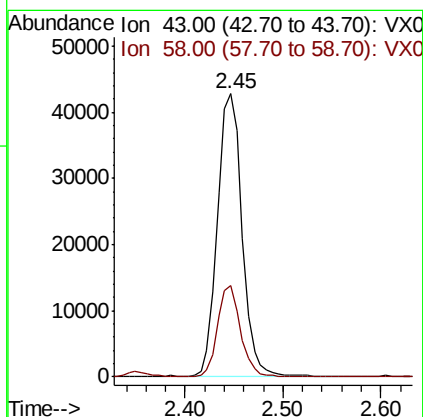
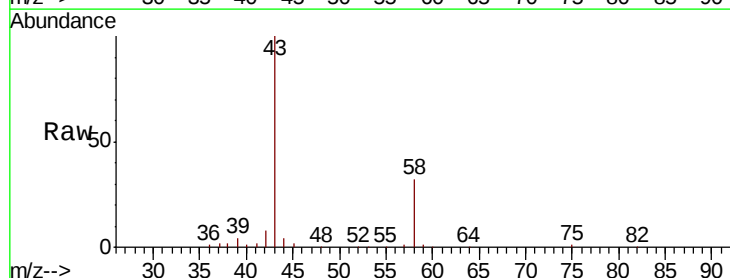
Acq: 15 Nov 2018 01:27

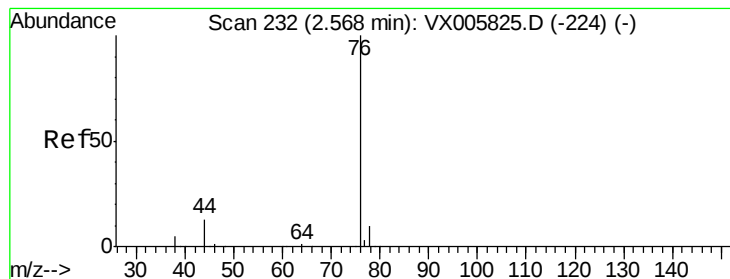
Tgt Ion: 43 Resp: 74444

Ion Ratio Lower Upper

43 100

58 32.3 23.8 35.6





#17

Carbon Disulfide

Concen: 17.839 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

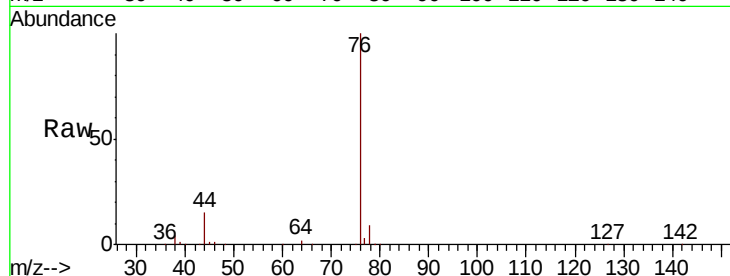
VX1114WBSD02

Tot Ion: 76 Resp: 57729

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

2.57

40000

30000

20000

10000

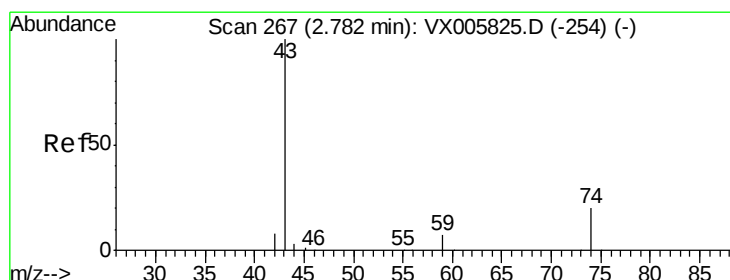
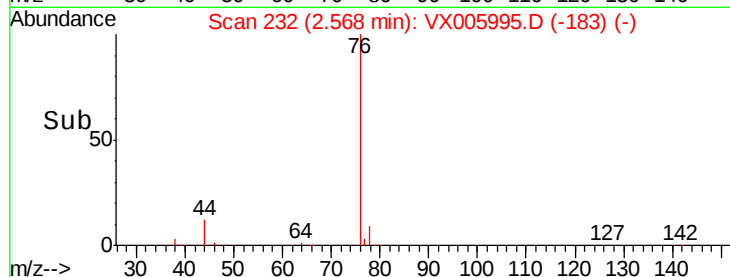
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 21.331 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005995.D

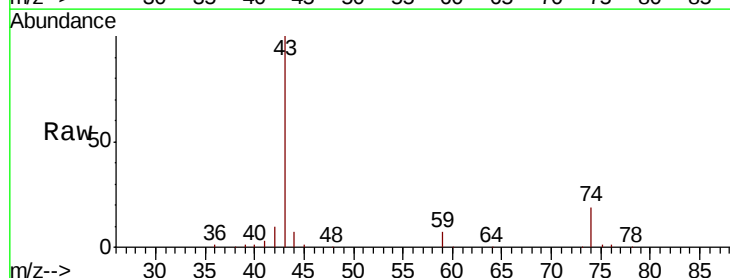
Acq: 15 Nov 2018 01:27

Tgt Ion: 43 Resp: 45162

Ion Ratio Lower Upper

43 100

74 19.9 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

30000

25000

20000

15000

10000

5000

0

Time-->

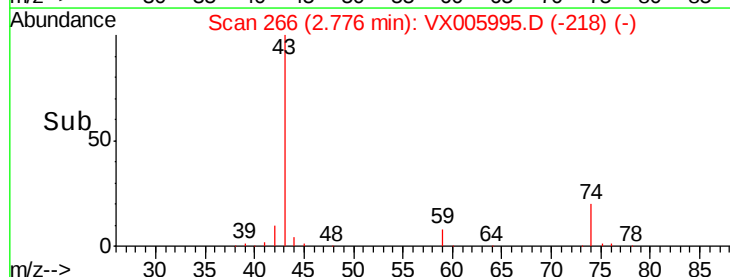
2.70

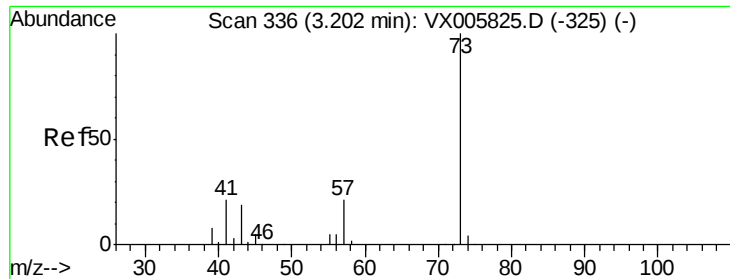
2.75

2.80

2.85

2.90

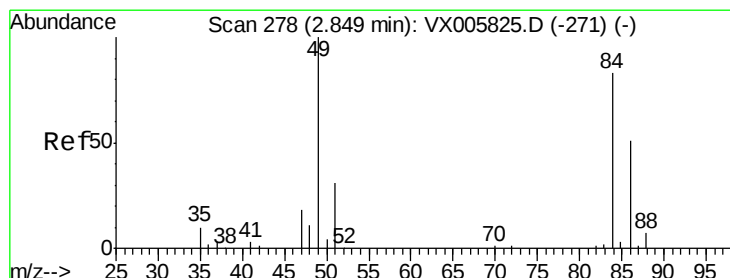
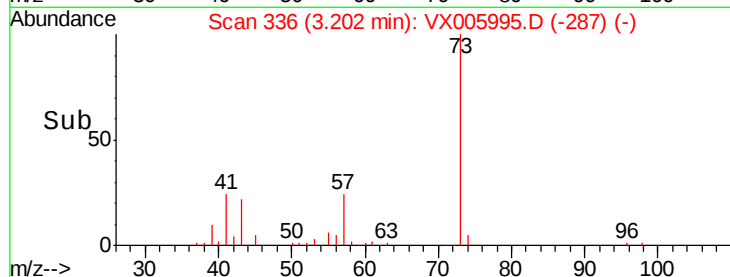
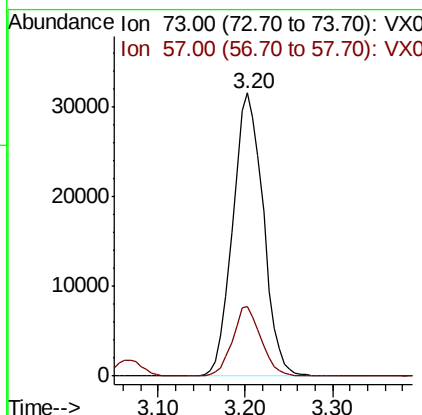
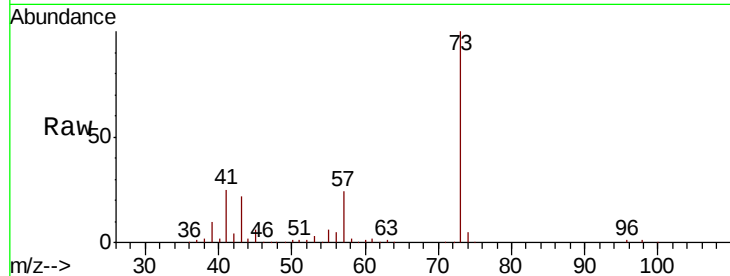




#19
Methyl tert-butyl Ether
Concen: 20.661 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

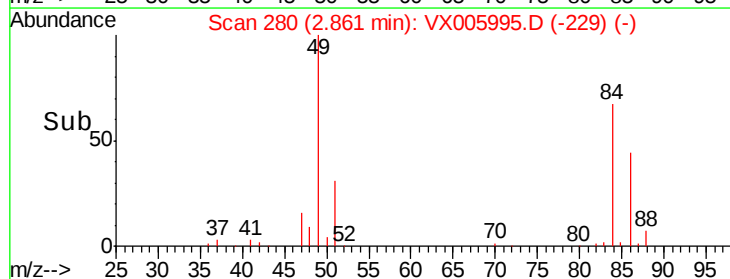
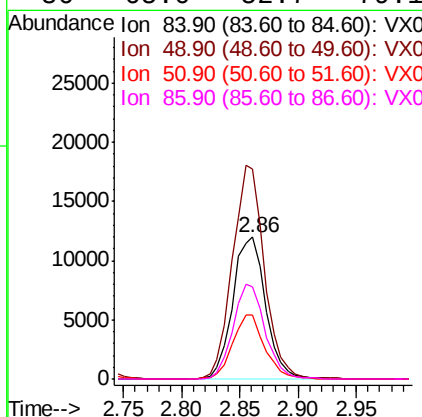
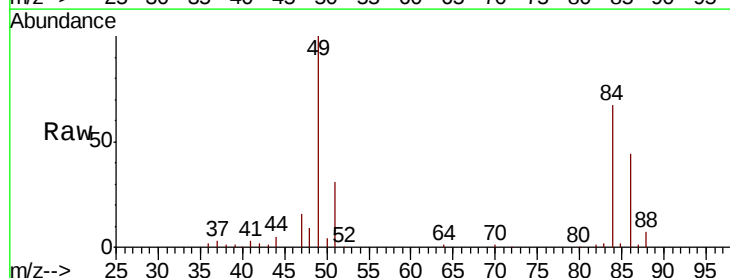
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tot Ion: 73 Resp: 76503
Ion Ratio Lower Upper
73 100
57 24.5 18.8 28.2



#20
Methylene Chloride
Concen: 18.890 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion: 84 Resp: 23575
Ion Ratio Lower Upper
84 100
49 148.3 109.5 164.3
51 45.3 33.3 49.9
86 65.0 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 18.564 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

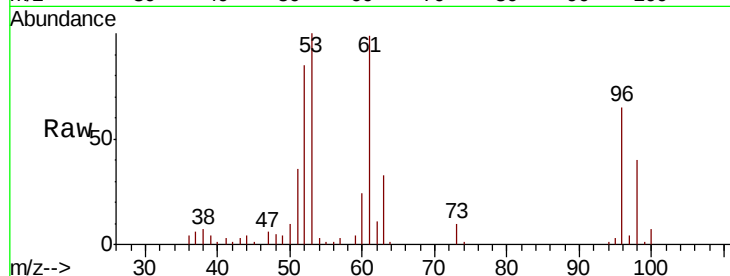
Tot Ion: 96 Resp: 21243

Ion Ratio Lower Upper

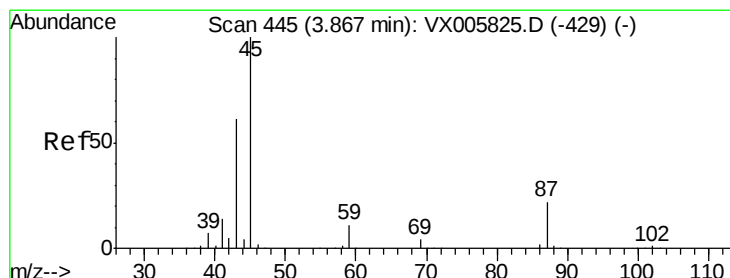
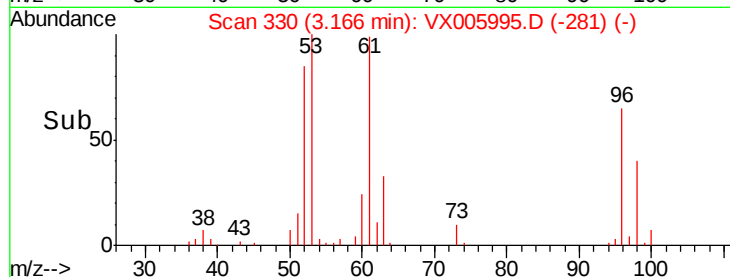
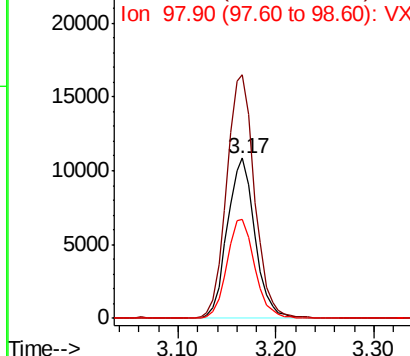
96 100

61 152.3 115.6 173.4

98 62.2 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: 19.916 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Tgt Ion: 45 Resp: 84535

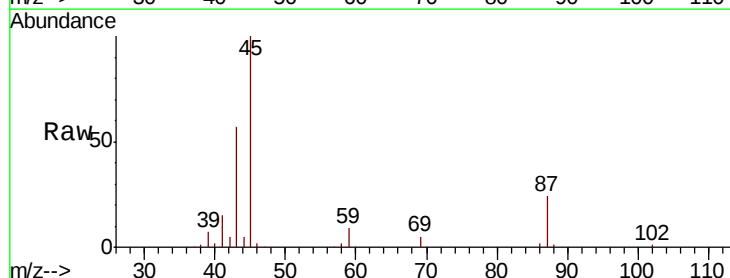
Ion Ratio Lower Upper

45 100

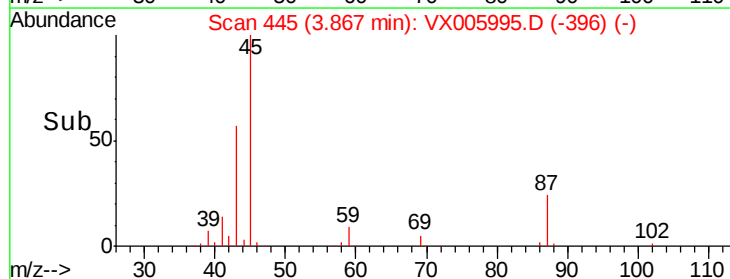
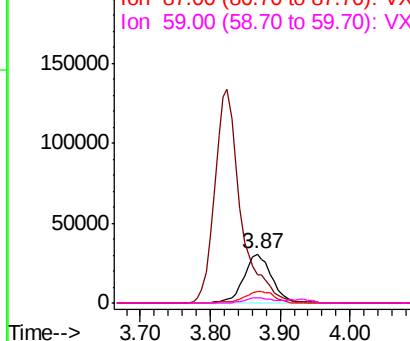
43 56.4 47.4 71.2

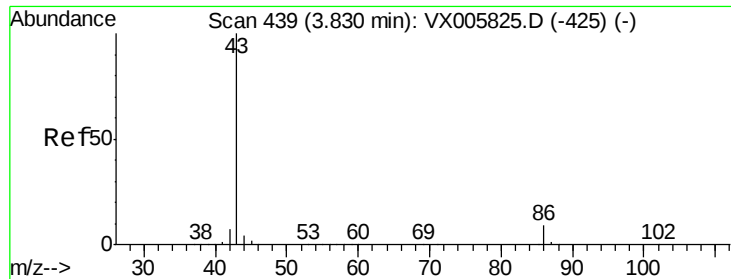
87 23.5 15.9 23.9

59 9.4 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: 94.811 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

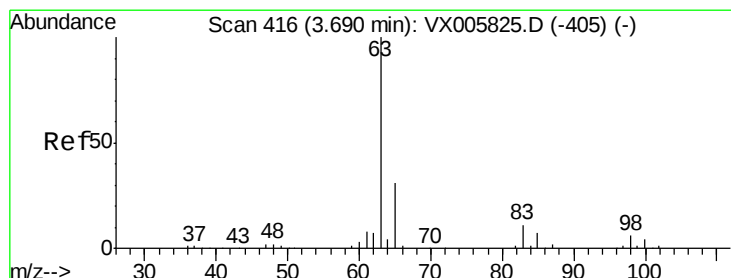
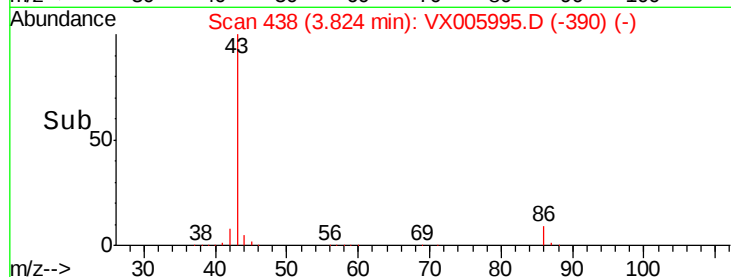
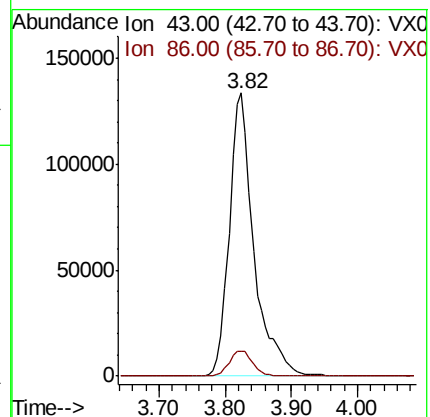
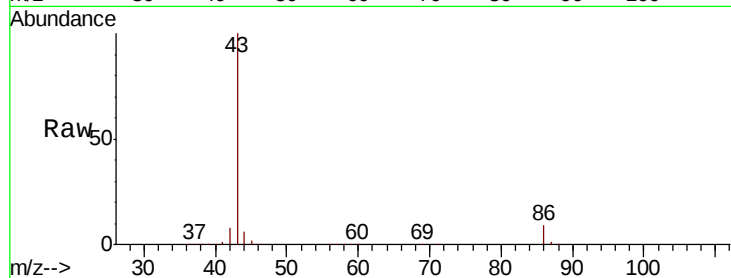
VX1114WBSD02

Tot Ion: 43 Resp: 345053

Ion Ratio Lower Upper

43 100

86 9.0 7.4 11.2



#24

1,1-Dichloroethane

Concen: 19.664 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

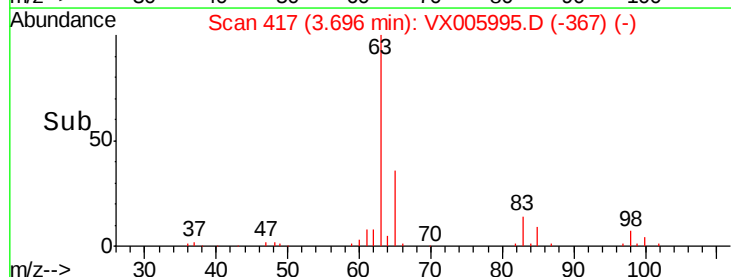
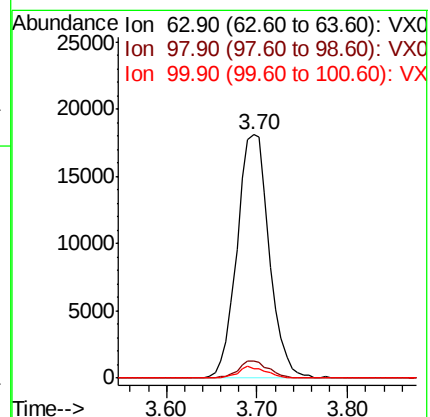
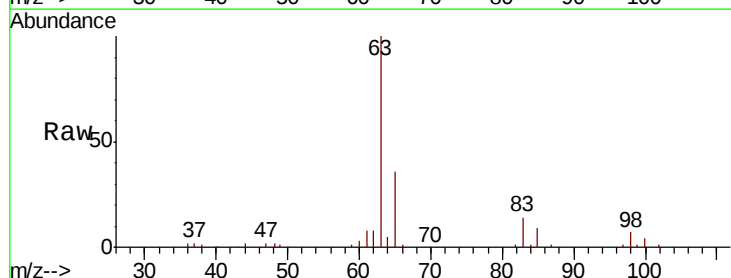
Tgt Ion: 63 Resp: 44531

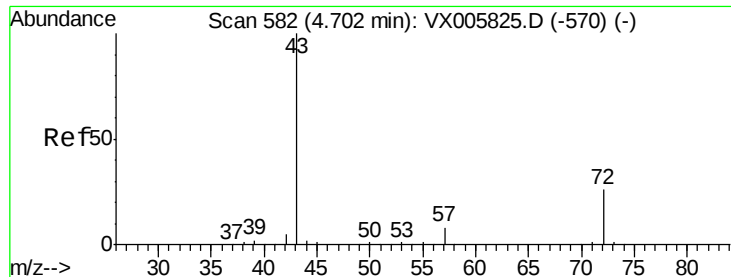
Ion Ratio Lower Upper

63 100

98 7.0 3.2 9.6

100 3.8 2.1 6.2





#25

2-Butanone

Concen: 96.785 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

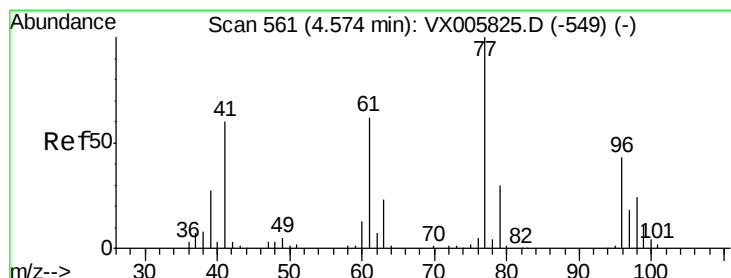
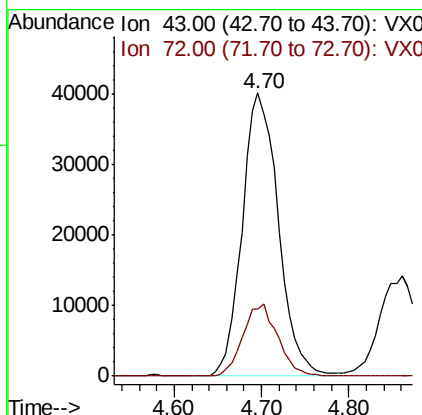
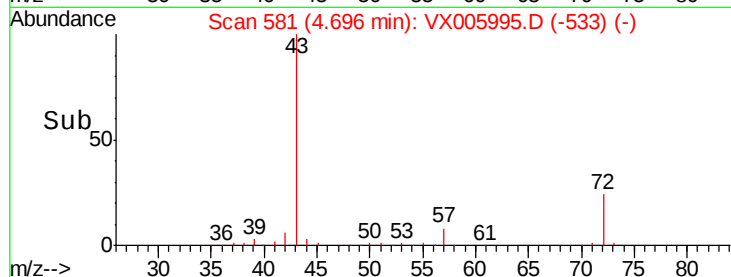
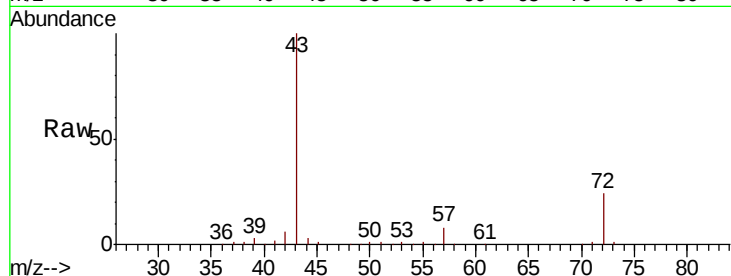
VX1114WBSD02

Tot Ion: 43 Resp: 115606

Ion Ratio Lower Upper

43 100

72 23.7 19.2 28.8



#26

2,2-Dichloropropane

Concen: 16.790 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005995.D

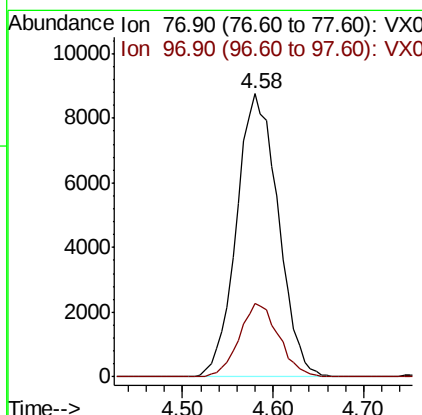
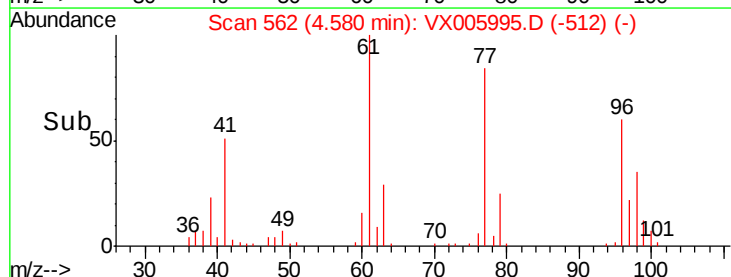
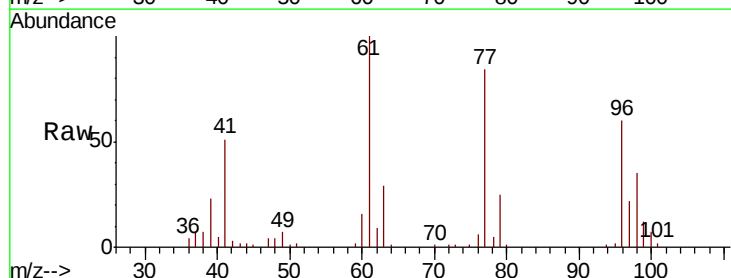
Acq: 15 Nov 2018 01:27

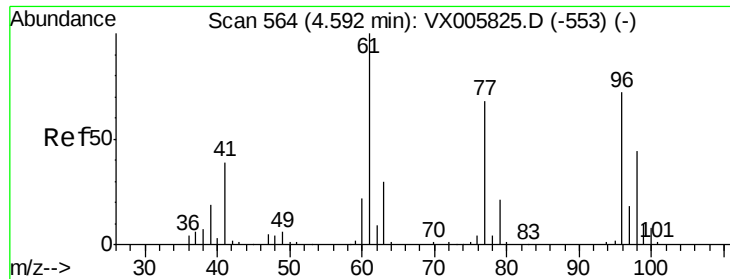
Tgt Ion: 77 Resp: 27892

Ion Ratio Lower Upper

77 100

97 24.5 11.5 34.5



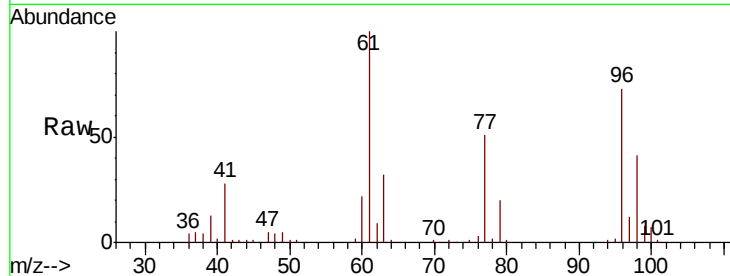


#27

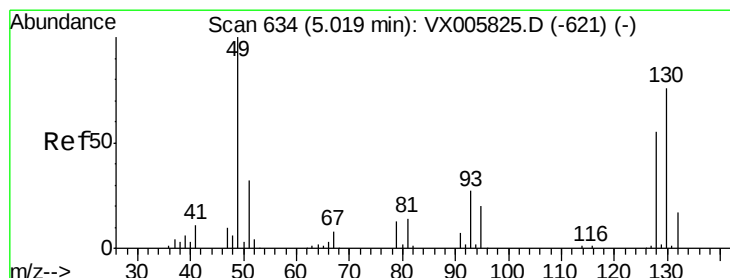
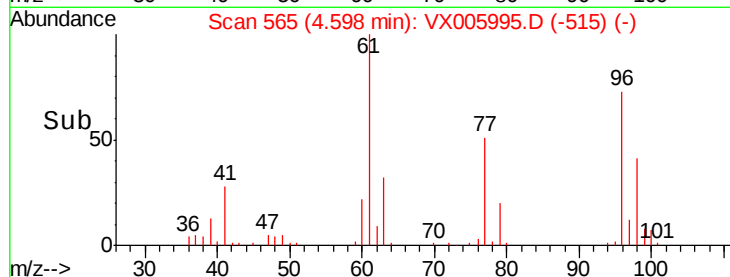
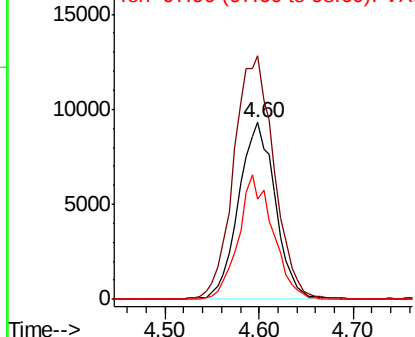
cis-1,2-Dichloroethene
Concen: 20.152 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tot Ion: 96 Resp: 25463
Ion Ratio Lower Upper
96 100
61 150.4 0.0 304.6
98 65.5 0.0 127.4



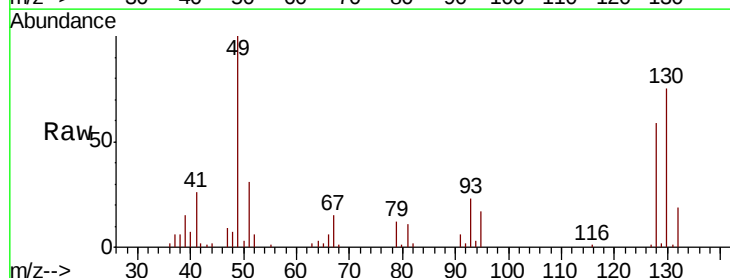
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



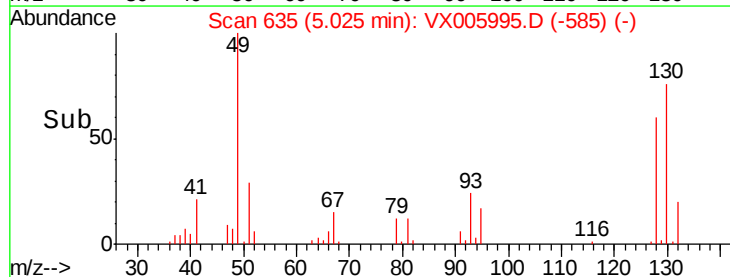
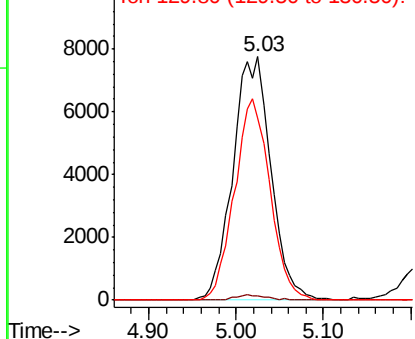
#28

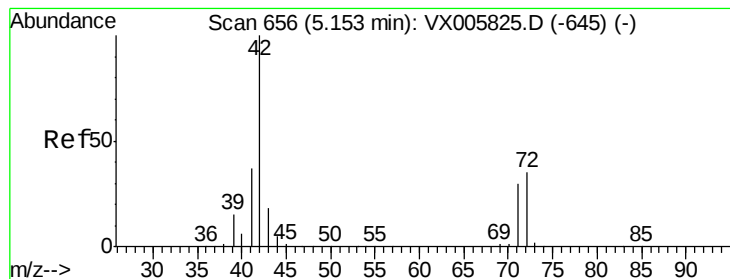
Bromochloromethane
Concen: 23.189 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion: 49 Resp: 23469
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 77.1 58.9 88.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 98.025 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

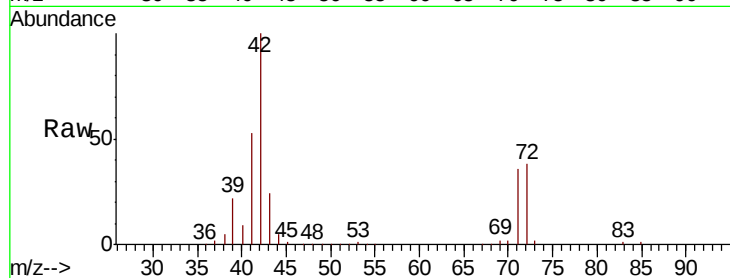
Tot Ion: 42 Resp: 75179

Ion Ratio Lower Upper

42 100

72 40.8 32.0 48.0

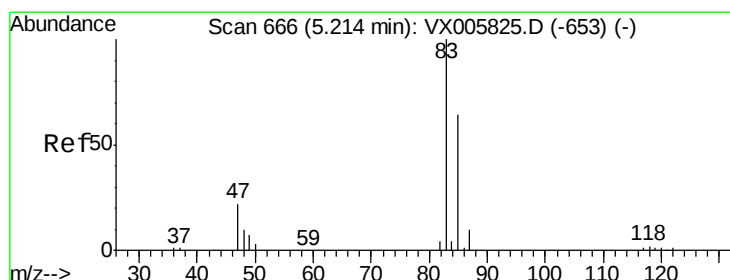
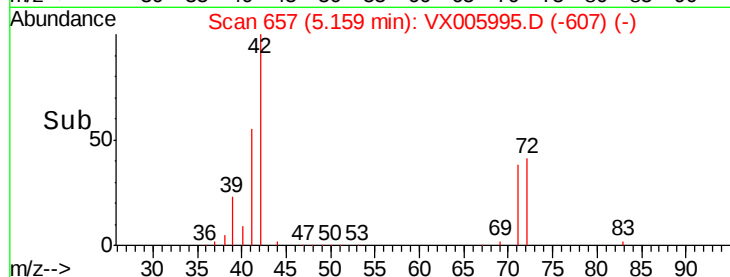
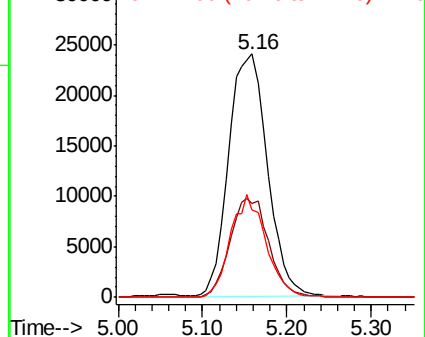
71 38.8 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 21.769 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005995.D

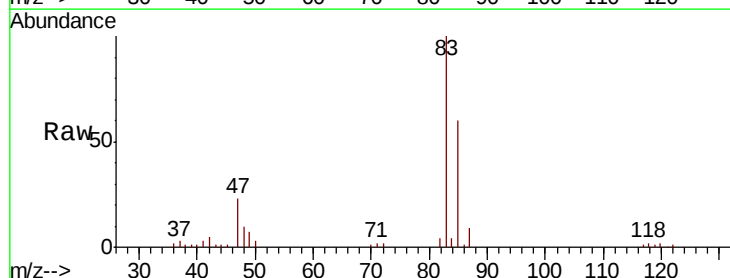
Acq: 15 Nov 2018 01:27

Tgt Ion: 83 Resp: 47562

Ion Ratio Lower Upper

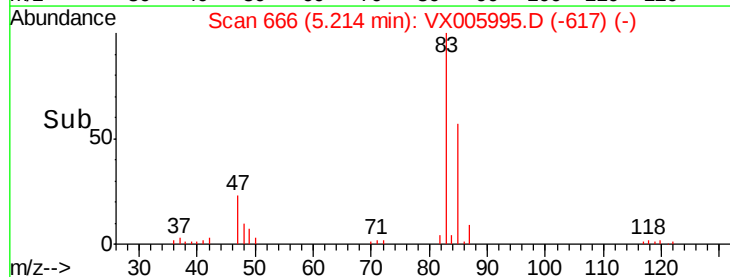
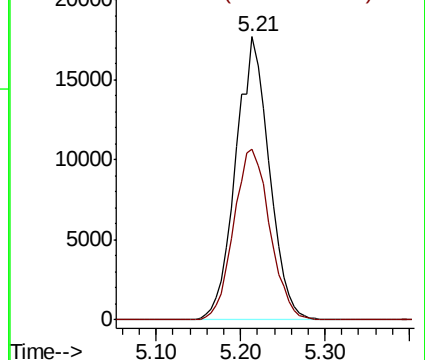
83 100

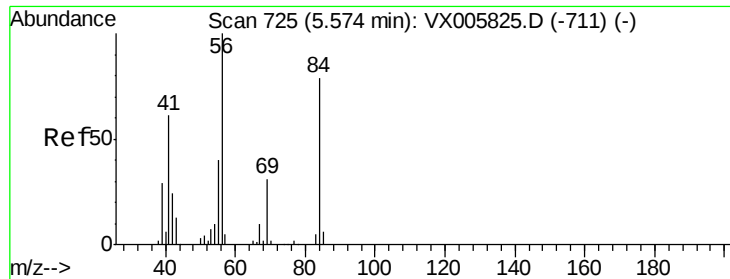
85 60.2 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

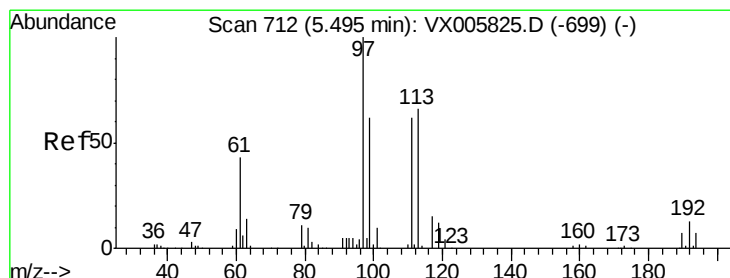
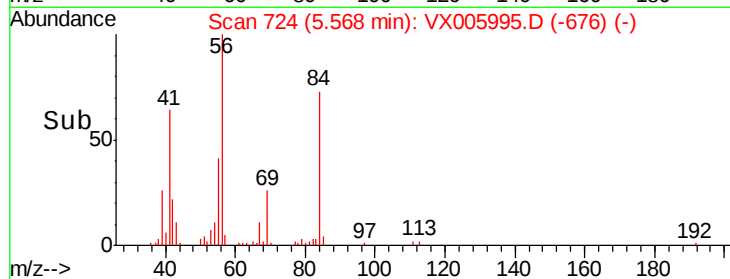
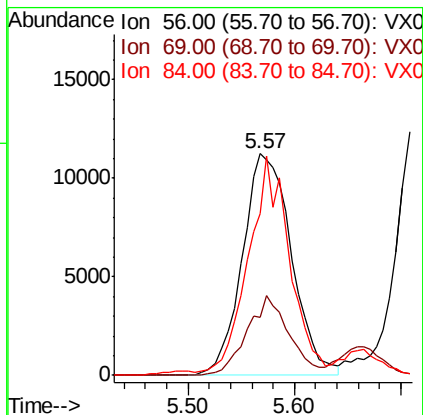
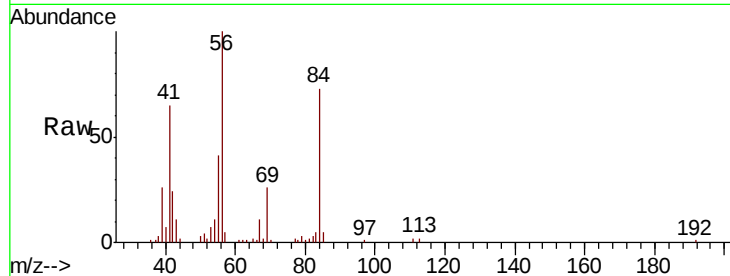




#31
Cvclohexane
Concen: 18.397 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

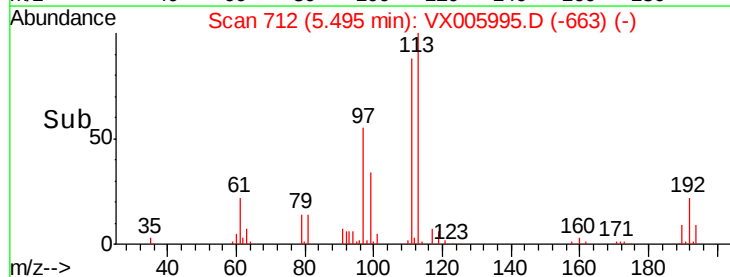
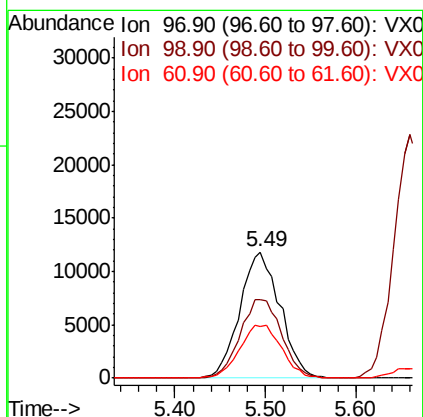
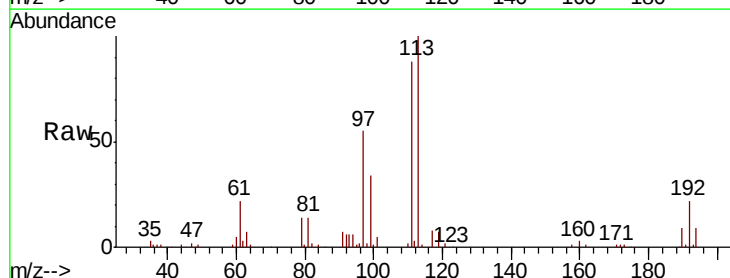
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

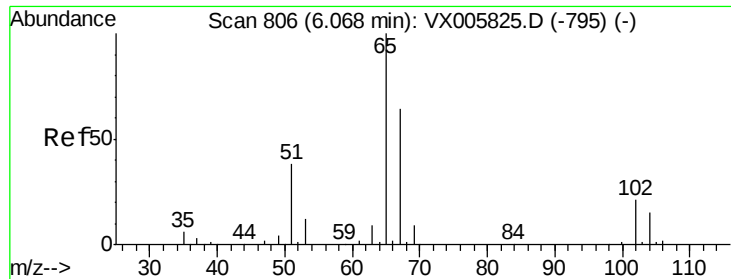
Tot Ion: 56 Resp: 36165
Ion Ratio Lower Upper
56 100
69 26.3 22.6 34.0
84 71.3 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 19.885 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion: 97 Resp: 36237
Ion Ratio Lower Upper
97 100
99 64.1 52.3 78.5
61 43.7 35.2 52.8

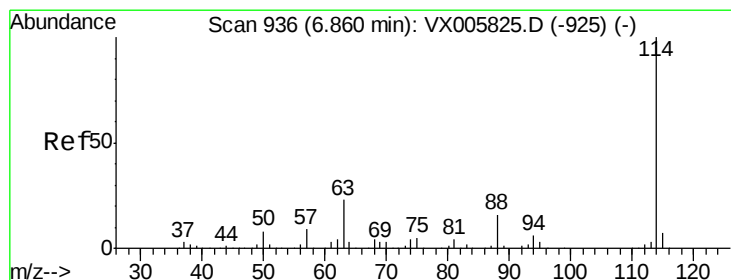
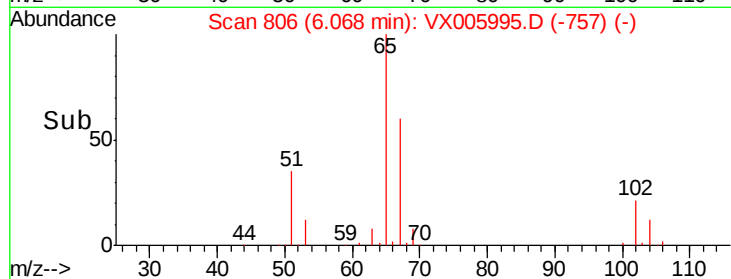
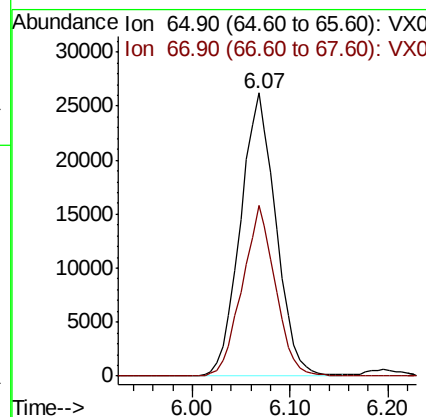
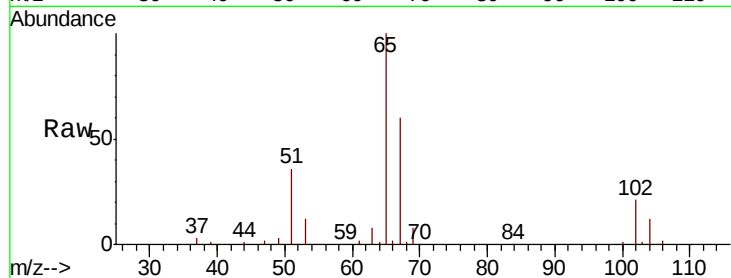




#33
 1,2-Dichloroethane-d4
 Concen: 46.806 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

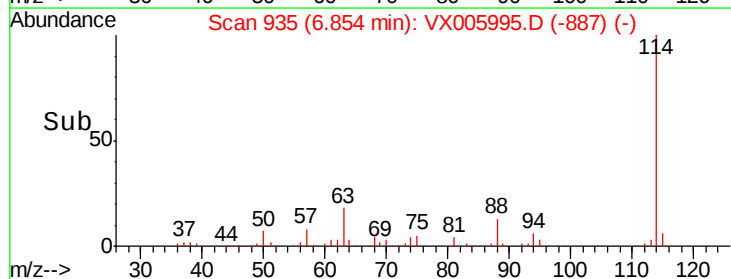
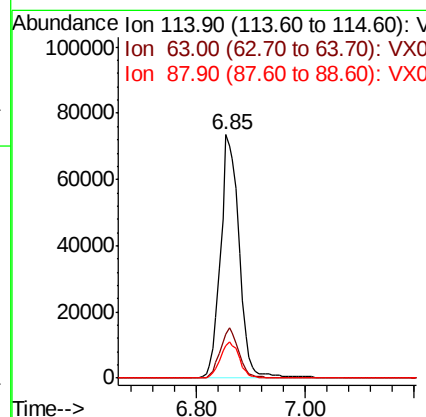
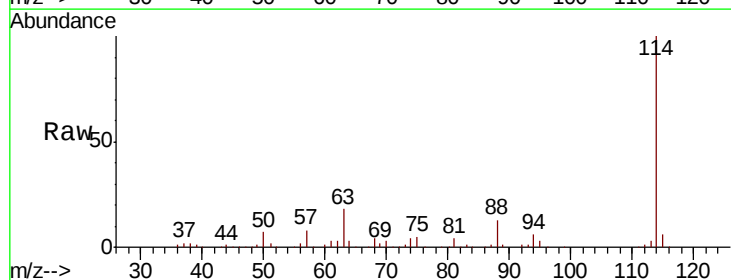
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

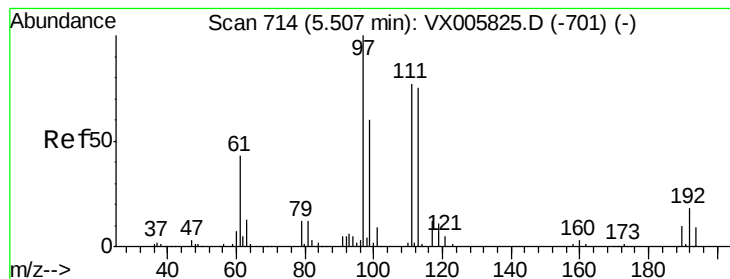
Tot Ion: 65 Resp: 66047
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion: 114 Resp: 175523
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 42.8
 88 13.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.486 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

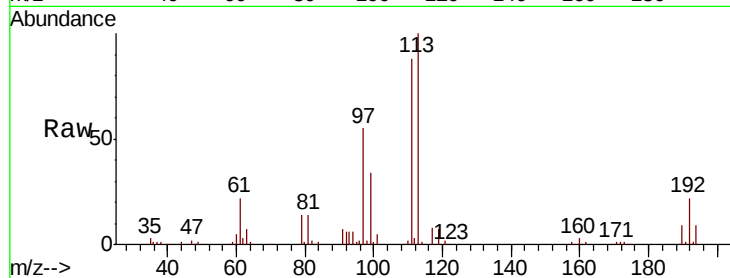
Tot Ion:113 Resp: 59077

Ion Ratio Lower Upper

113 100

111 101.7 82.3 123.5

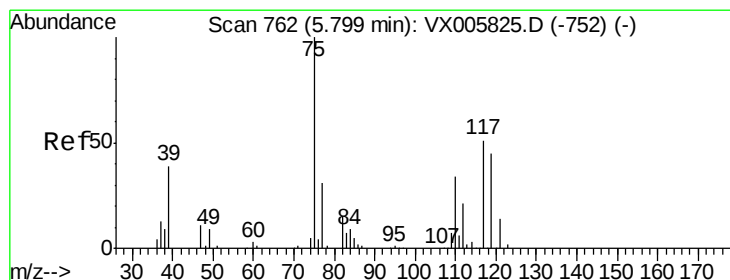
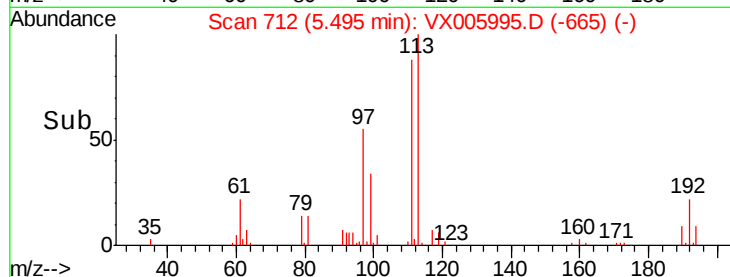
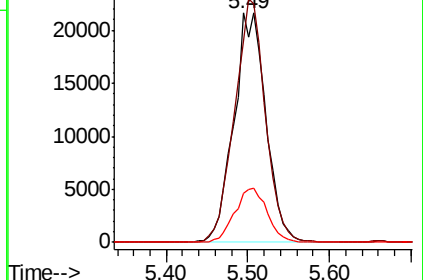
192 23.7 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.850 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

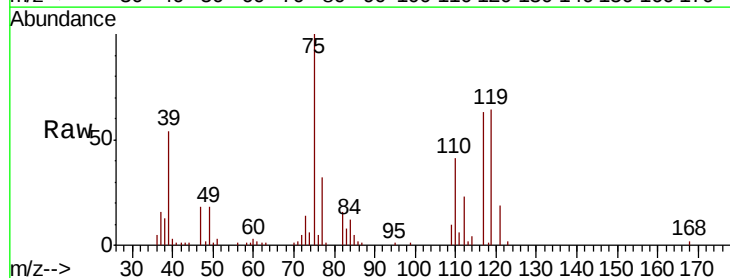
Tgt Ion: 75 Resp: 30204

Ion Ratio Lower Upper

75 100

110 36.3 17.4 52.2

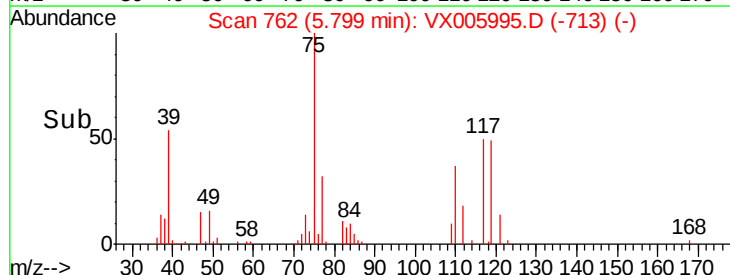
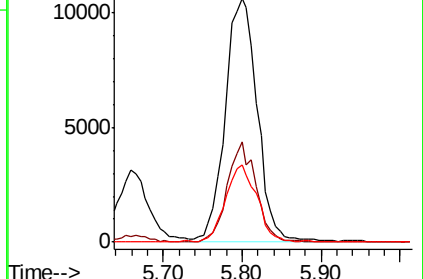
77 30.7 25.8 38.6

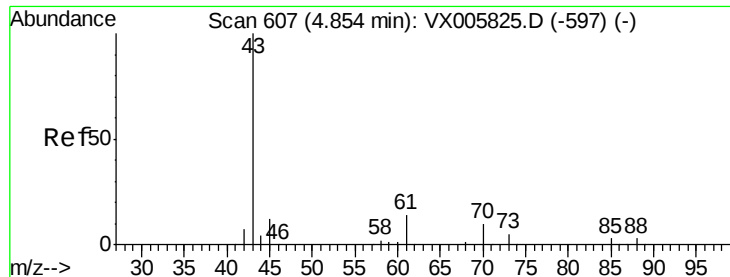


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.150 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampled :

VX1114WBSD02

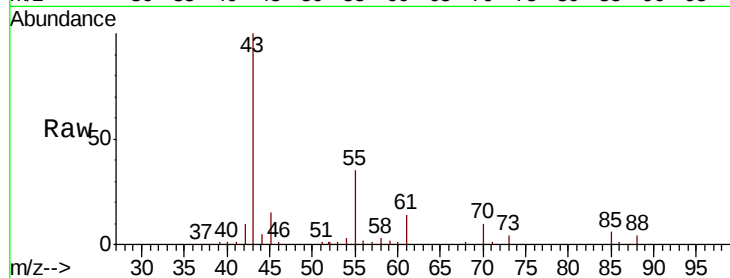
Tot Ion: 43 Resp: 42612

Ion Ratio Lower Upper

43 100

61 14.3 10.8 16.2

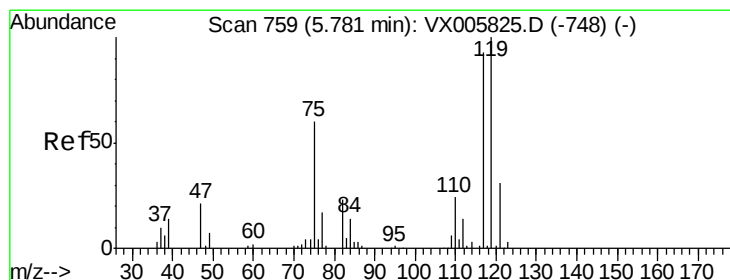
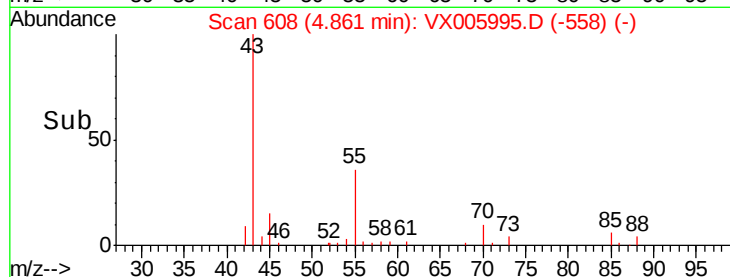
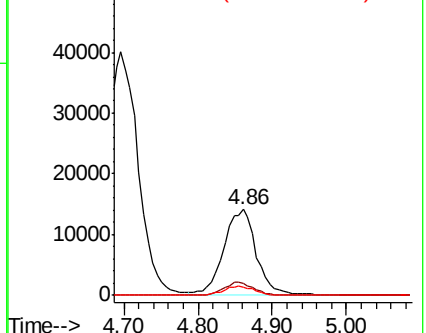
70 10.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX005825.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX005825.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 17.373 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

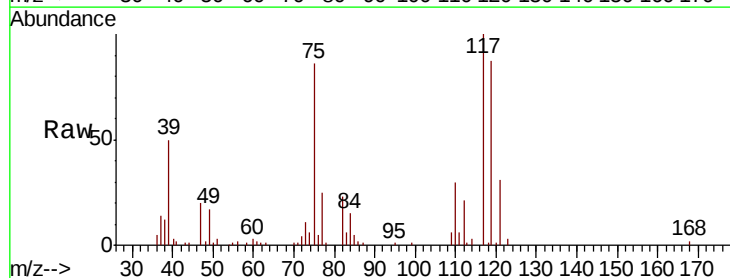
Tgt Ion: 117 Resp: 29430

Ion Ratio Lower Upper

117 100

119 87.2 78.1 117.1

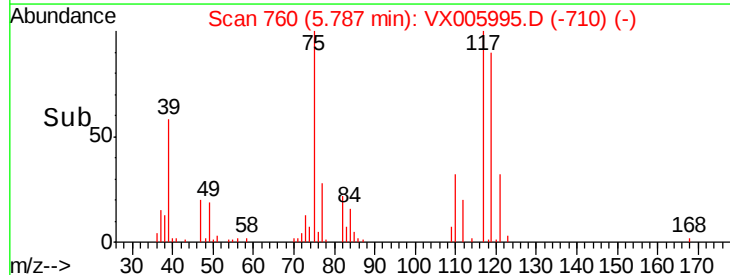
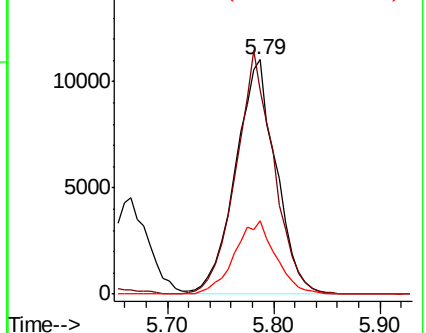
121 31.1 24.6 36.8

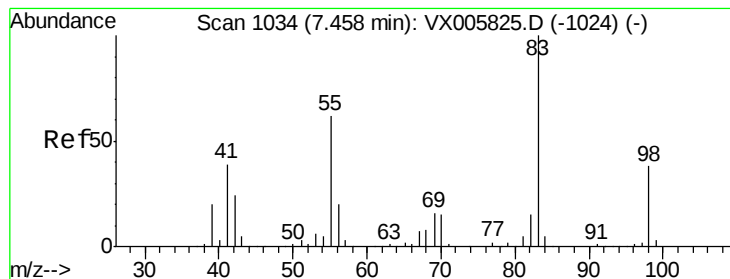


Abundance Ion 116.80 (116.50 to 117.50): VX005825.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX005825.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX005825.D (-748) (-)





#39

Methvlcvclohexane

Concen: 17.190 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

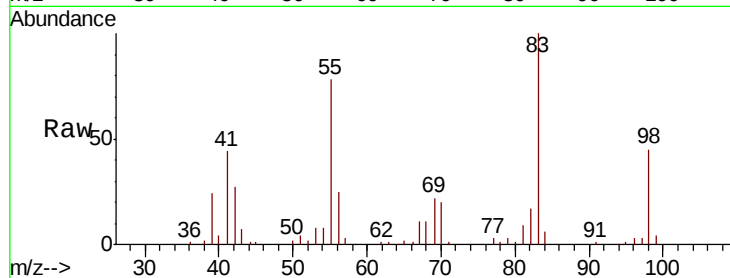
Tot Ion: 83 Resp: 29481

Ion Ratio Lower Upper

83 100

55 78.5 63.7 95.5

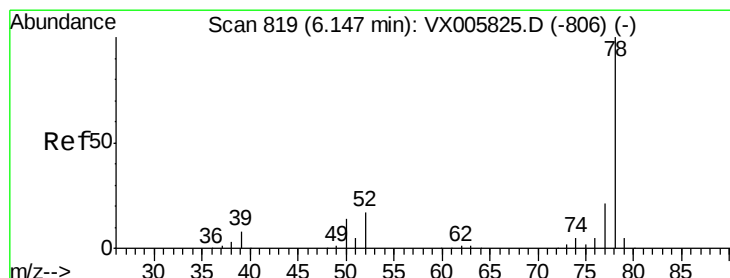
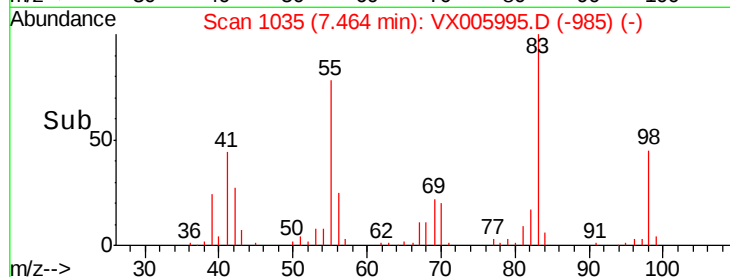
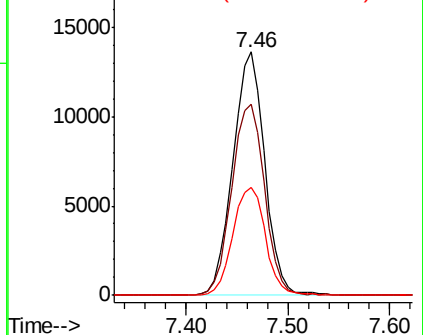
98 44.6 36.2 54.2



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: 18.864 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX005995.D

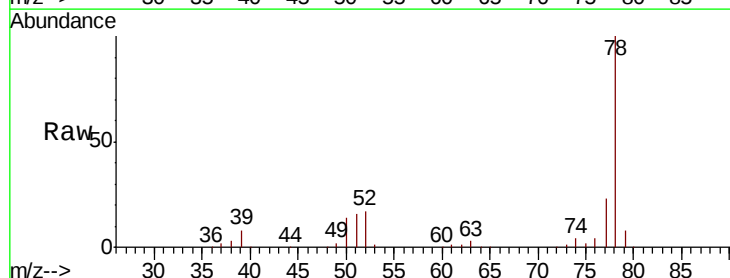
Acq: 15 Nov 2018 01:27

Tgt Ion: 78 Resp: 93054

Ion Ratio Lower Upper

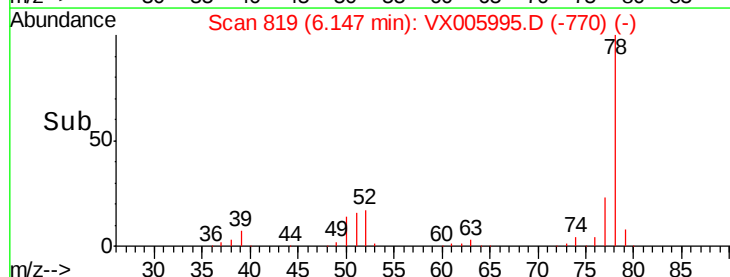
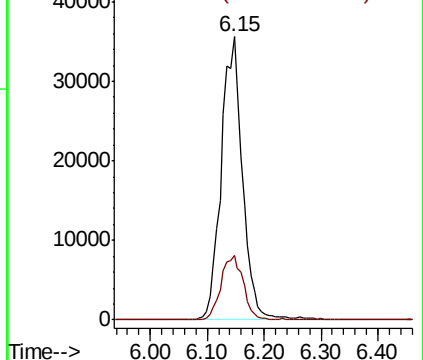
78 100

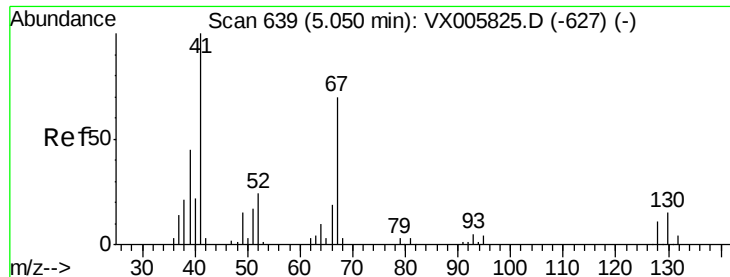
77 23.0 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

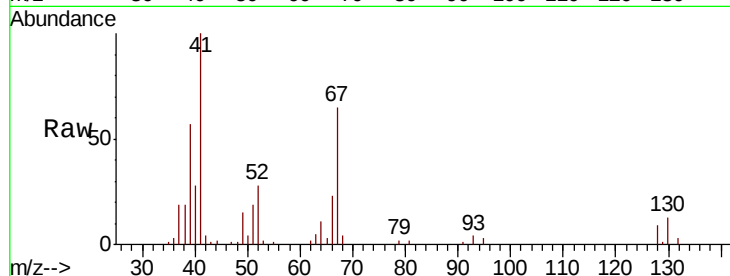




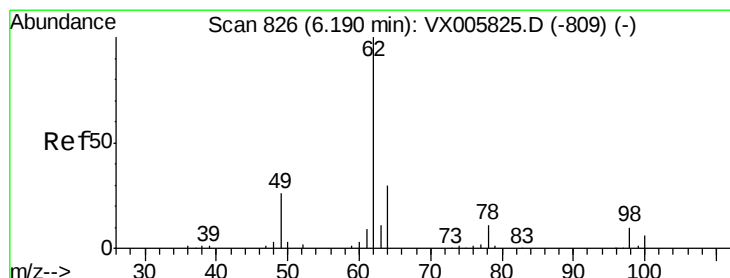
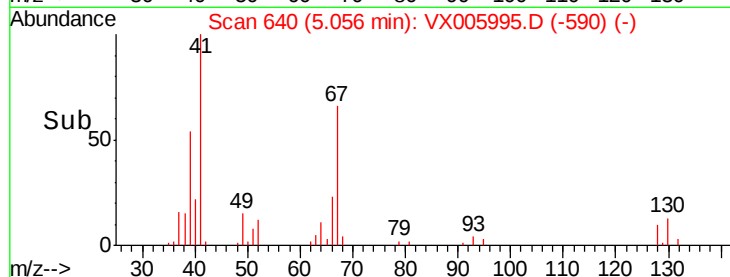
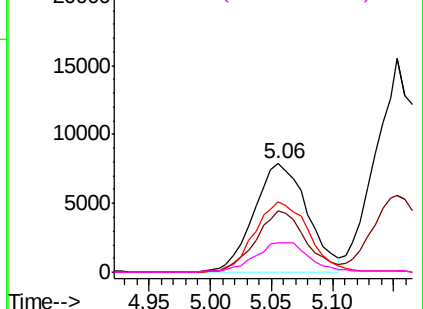
#41
Methacrylonitrile
Concen: 19.993 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tot Ion:	41	Resp:	24038
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.2	63.2
67	66.0	53.4	80.0
52	28.3	23.4	35.2

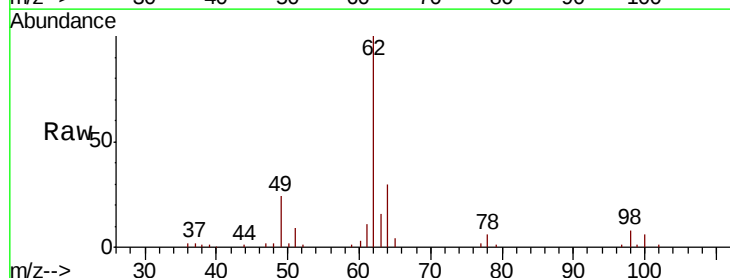


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

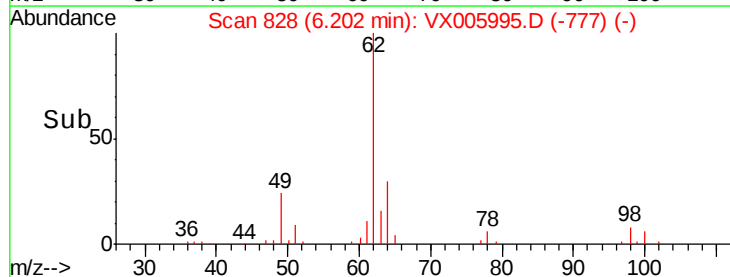
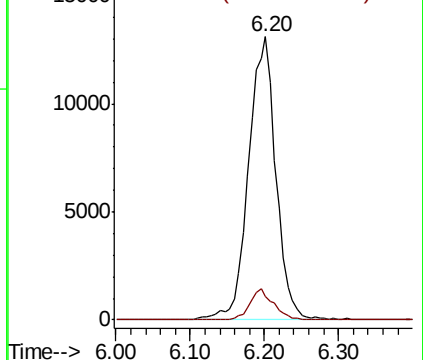


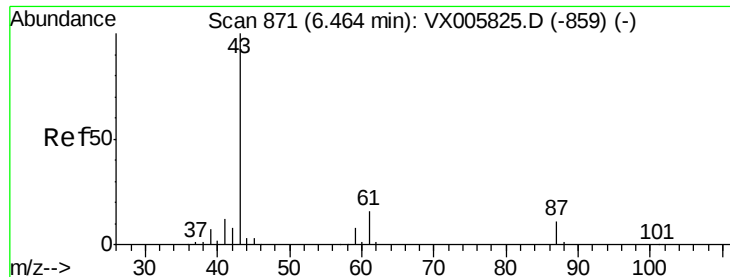
#42
1,2-Dichloroethane
Concen: 19.100 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion:	62	Resp:	33746
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8



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



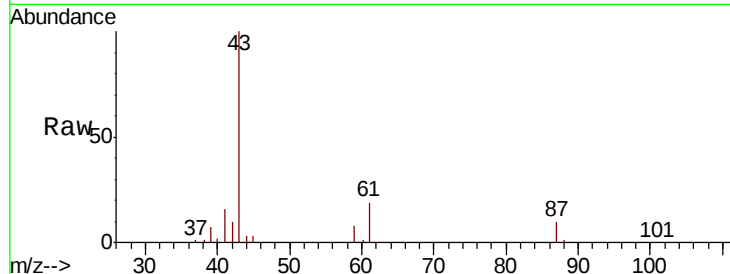


#43

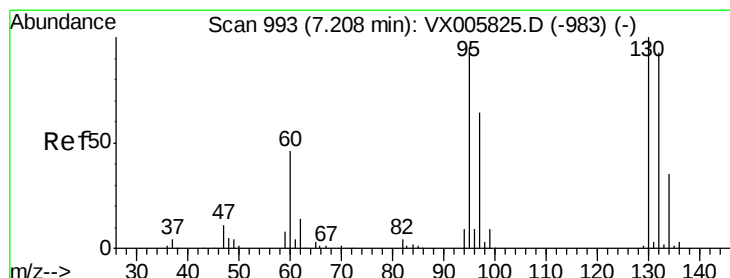
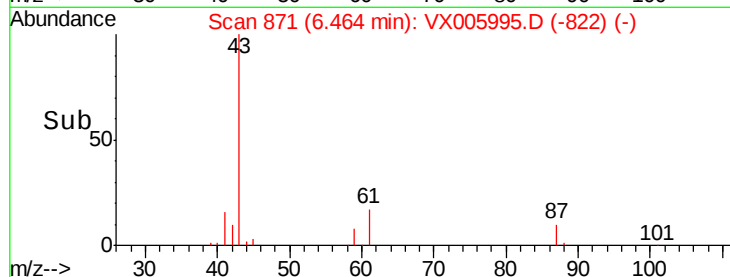
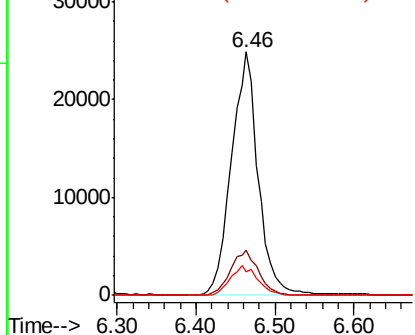
Isopropyl Acetate
 Concen: 18.244 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

Tot Ion: 43 Resp: 58823
 Ion Ratio Lower Upper
 43 100
 61 19.3 14.6 22.0
 87 12.2 9.6 14.4



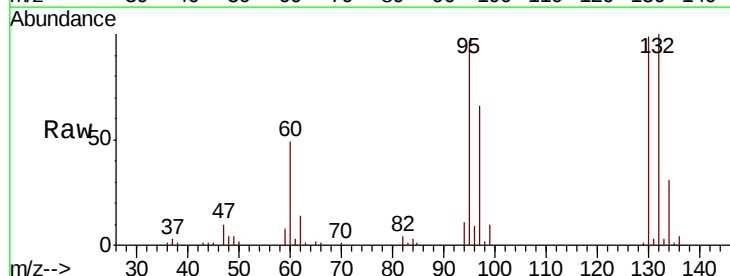
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



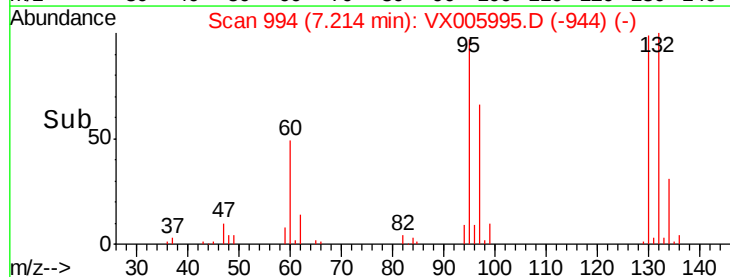
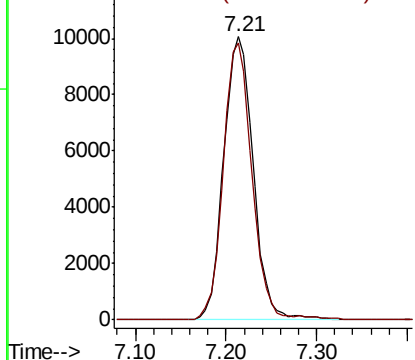
#44

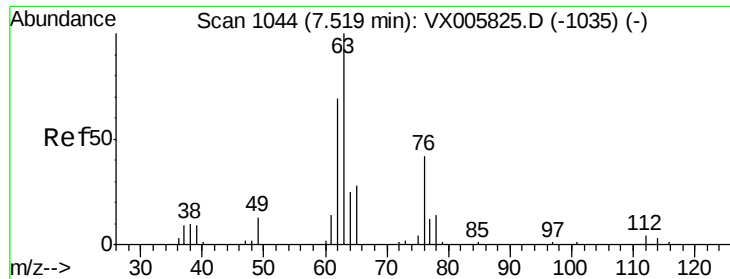
Trichloroethene
 Concen: 18.229 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion:130 Resp: 22836
 Ion Ratio Lower Upper
 130 100
 95 97.9 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

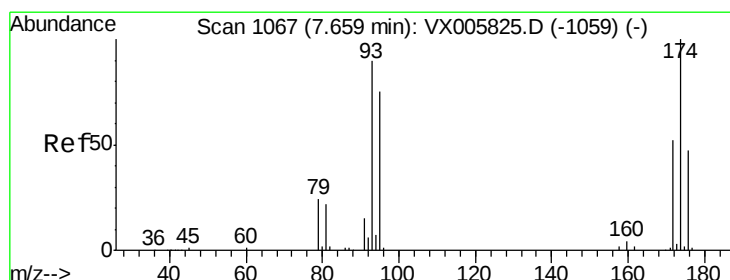
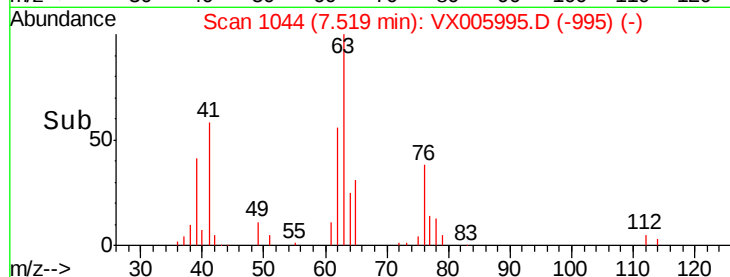
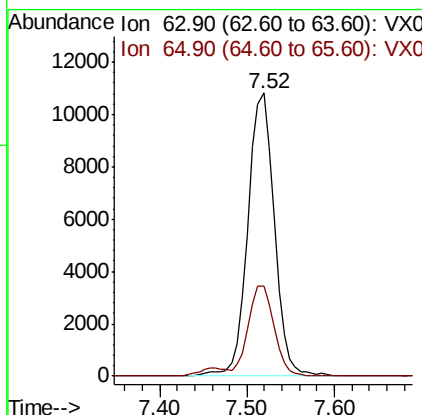
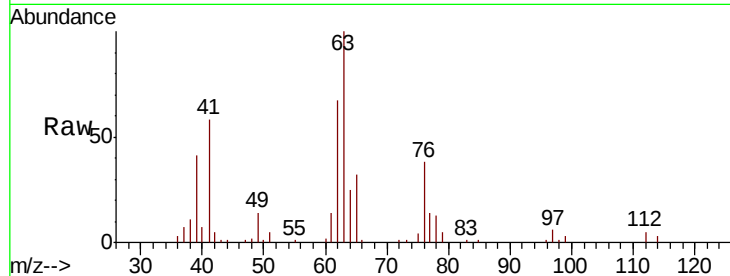




#45
 1,2-Dichloropropane
 Concen: 19.082 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

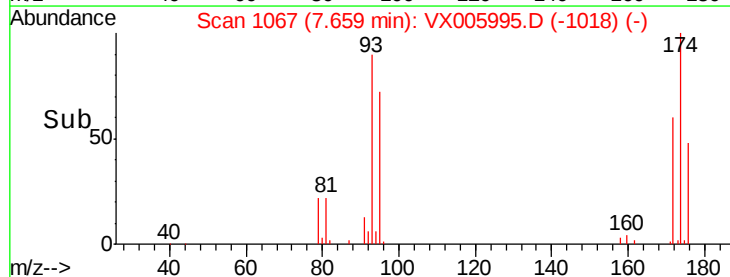
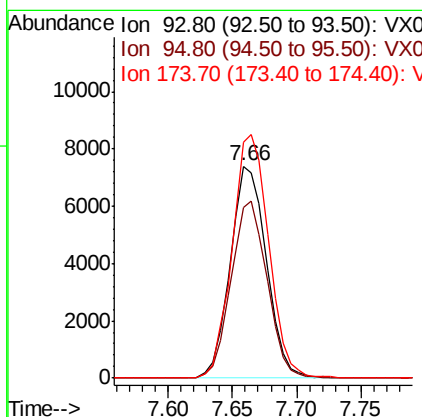
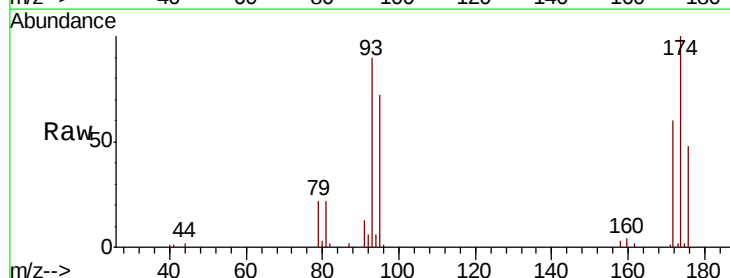
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

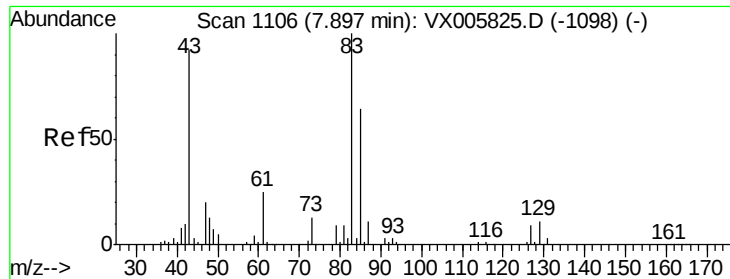
Tot Ion: 63 Resp: 22846
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.8 37.2



#46
 Dibromomethane
 Concen: 19.136 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion: 93 Resp: 14377
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.4 101.0
 174 116.6 91.5 137.3





#47

Bromodichloromethane

Concen: 19.890 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

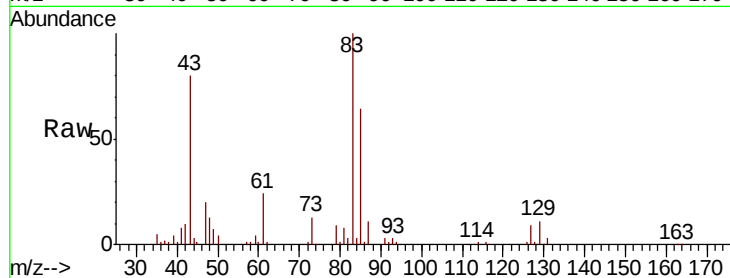
Tot Ion: 83 Resp: 28241

Ion Ratio Lower Upper

83 100

85 64.1 50.2 75.4

127 8.9 6.9 10.3

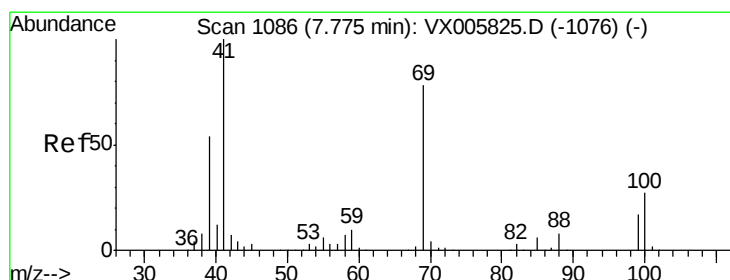
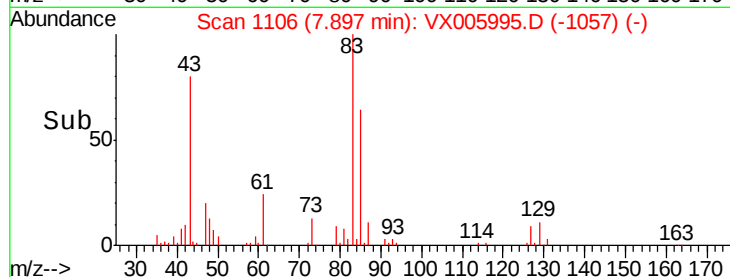
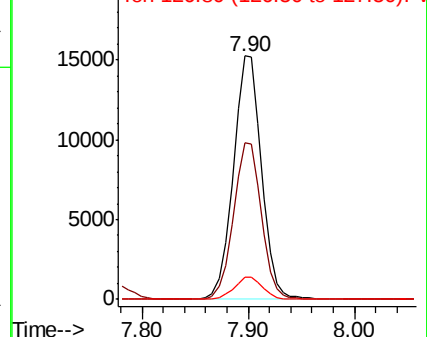


Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.369 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

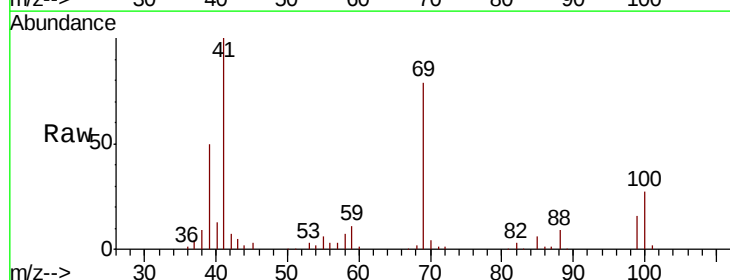
Tgt Ion: 41 Resp: 28042

Ion Ratio Lower Upper

41 100

69 78.3 63.2 94.8

39 51.6 42.2 63.2

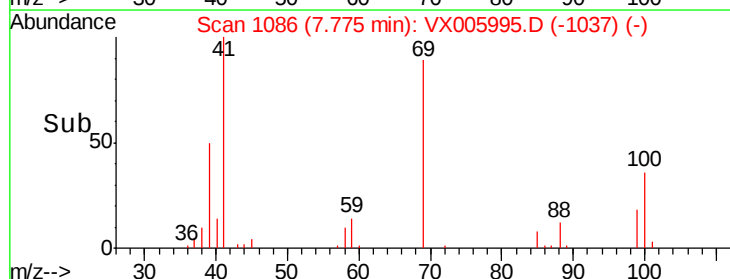
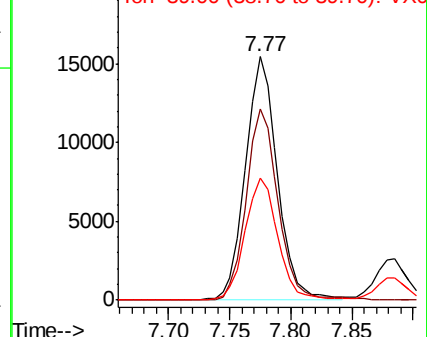


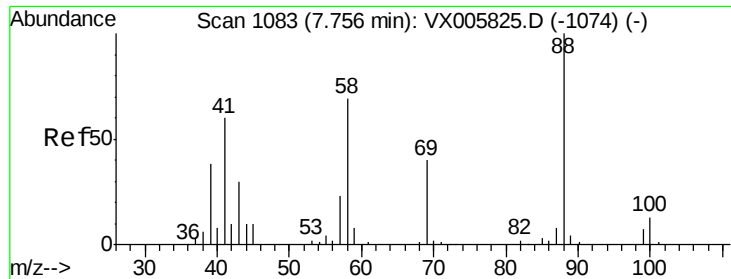
Abundance

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

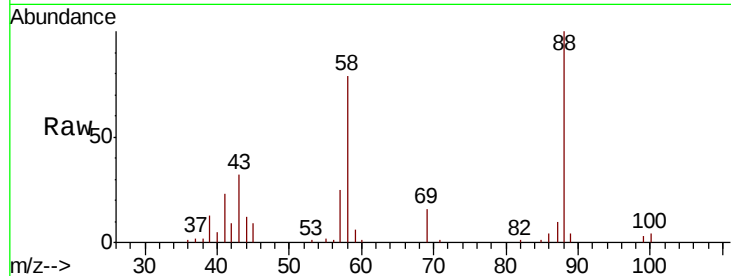




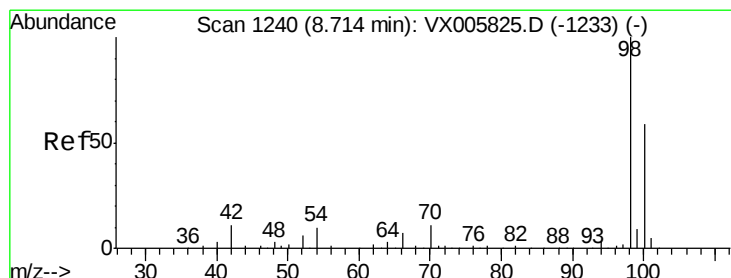
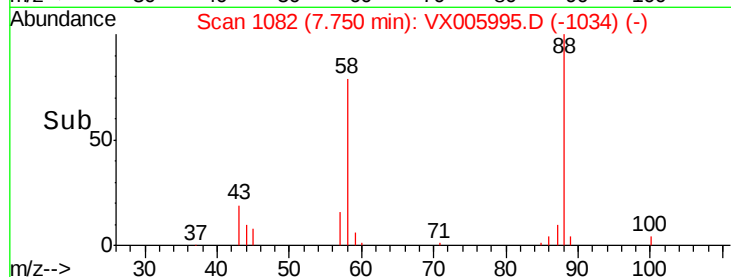
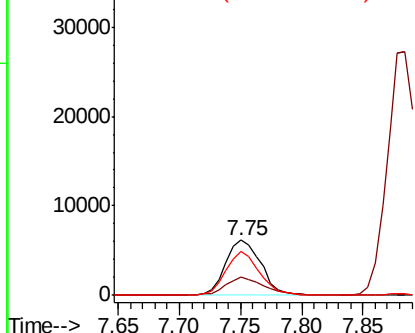
#49
1,4-Dioxane
Concen: 395.394 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tot Ion: 88 Resp: 12335
Ion Ratio Lower Upper
88 100
43 37.1 27.4 41.0
58 75.7 59.4 89.2

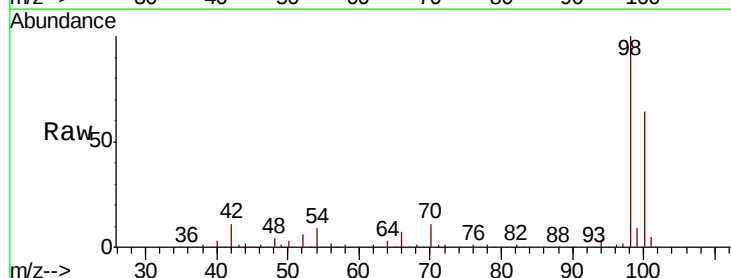


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

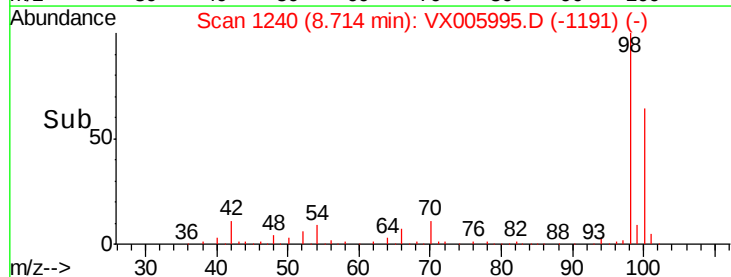
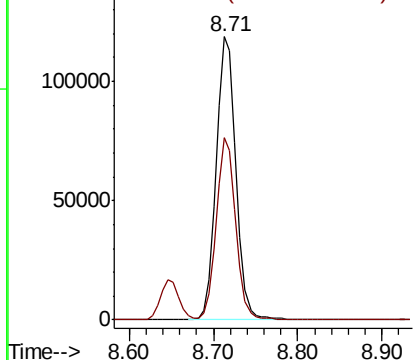


#50
Toluene-d8
Concen: 48.379 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion: 98 Resp: 192014
Ion Ratio Lower Upper
98 100
100 63.6 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: 96.044 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

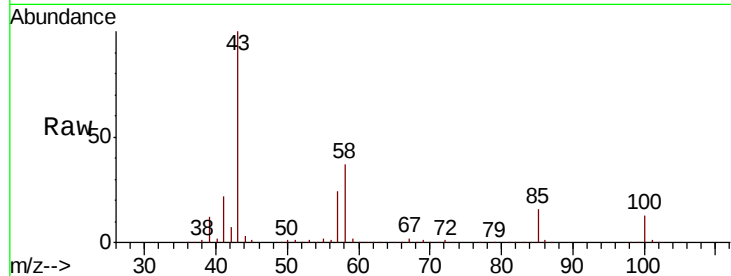
VX1114WBSD02

Tot Ion: 43 Resp: 195165

Ion Ratio Lower Upper

43 100

58 37.3 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

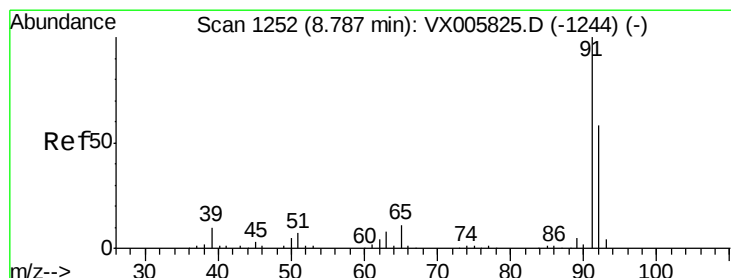
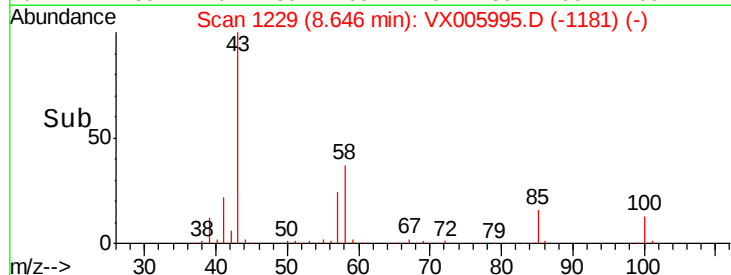
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.703 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005995.D

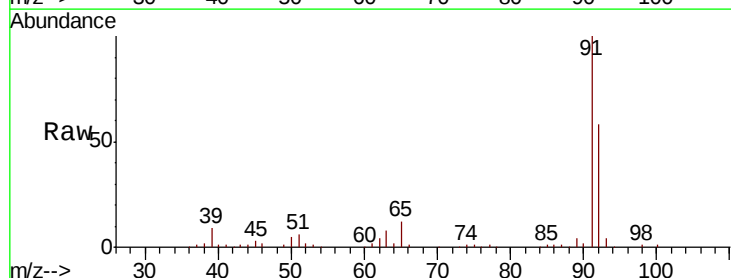
Acq: 15 Nov 2018 01:27

Tgt Ion: 92 Resp: 51563

Ion Ratio Lower Upper

92 100

91 175.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

60000

50000

40000

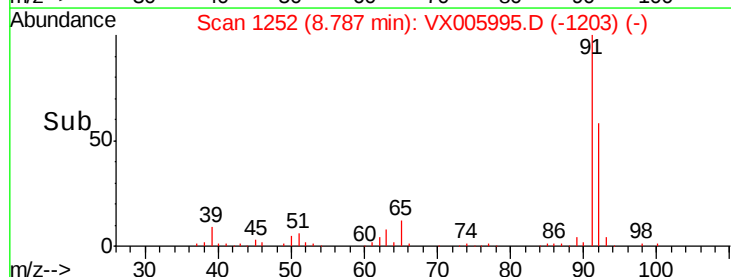
30000

20000

10000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.461 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

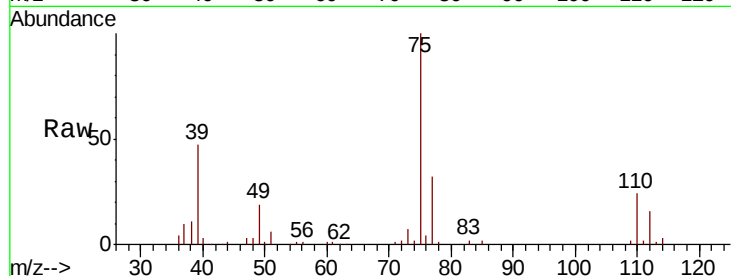
VX1114WBSD02

Tot Ion: 75 Resp: 29258

Ion Ratio Lower Upper

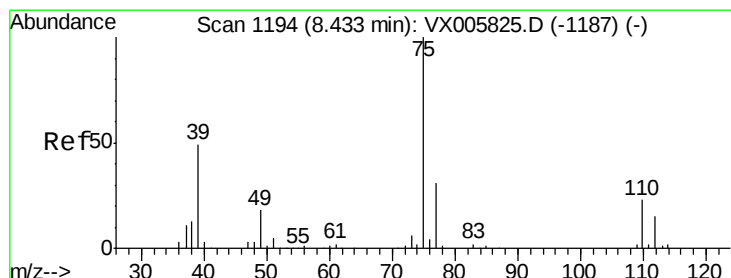
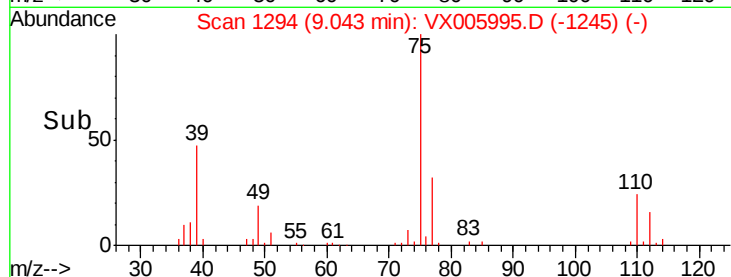
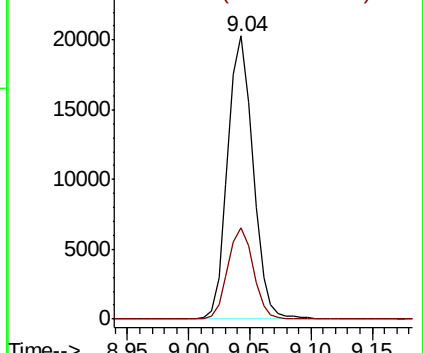
75 100

77 32.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.928 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

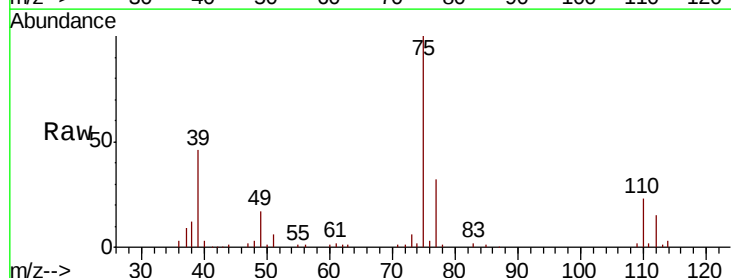
Tgt Ion: 75 Resp: 32325

Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8

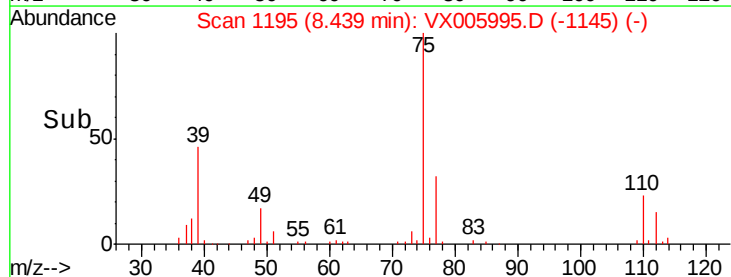
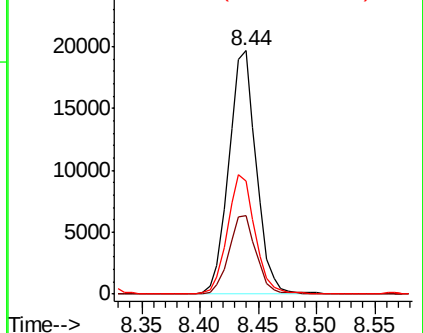
39 46.2 38.2 57.2

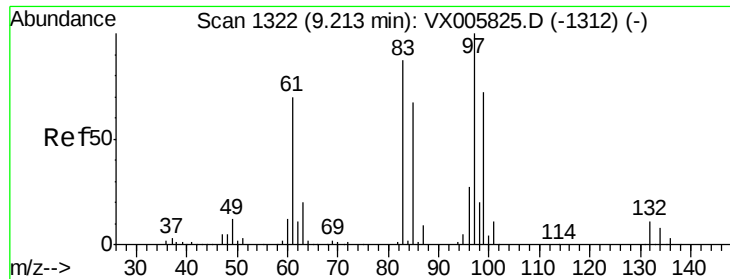


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

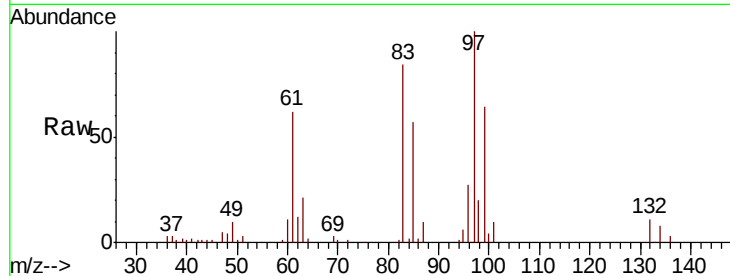




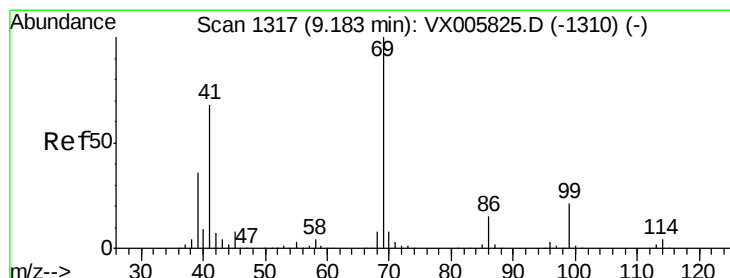
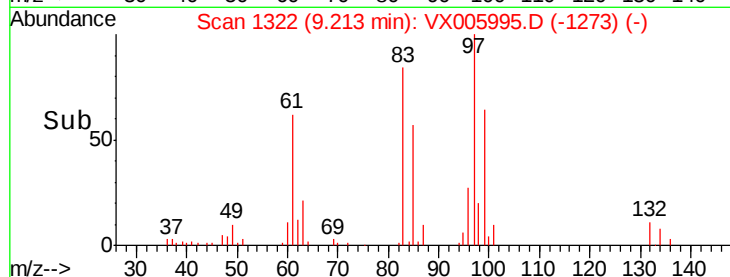
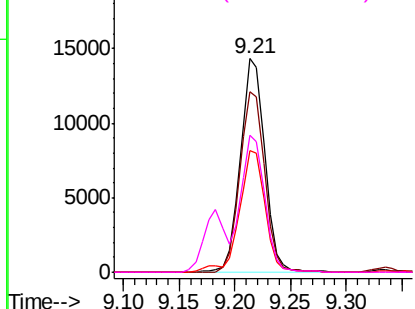
#55
 1,1,2-Trichloroethane
 Concen: 17.790 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

Tot Ion: 97 Resp: 21858
 Ion Ratio Lower Upper
 97 100
 83 84.5 70.7 106.1
 85 57.0 45.8 68.6
 99 64.2 51.8 77.8

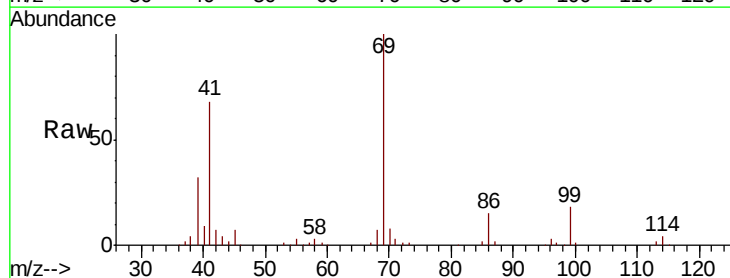


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

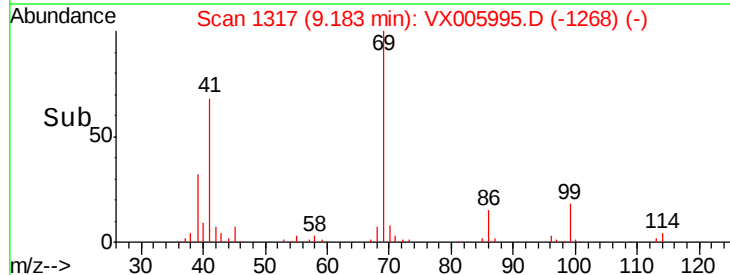
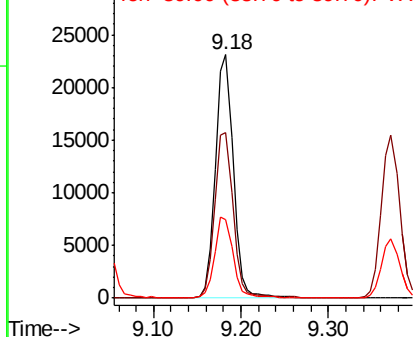


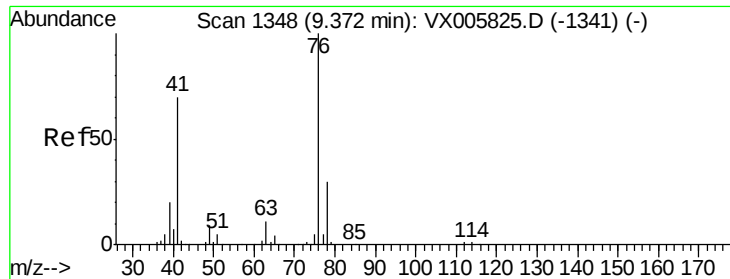
#56
 Ethyl methacrylate
 Concen: 17.746 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion: 69 Resp: 32625
 Ion Ratio Lower Upper
 69 100
 41 70.3 57.0 85.6
 39 35.0 28.3 42.5



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





#57

1,3-Dichloropropane

Concen: 17.736 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

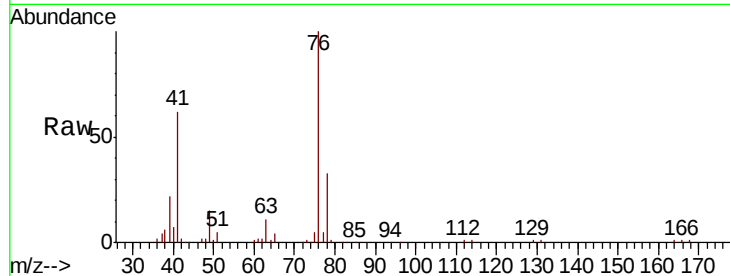
VX1114WBSD02

Tot Ion: 76 Resp: 36621

Ion Ratio Lower Upper

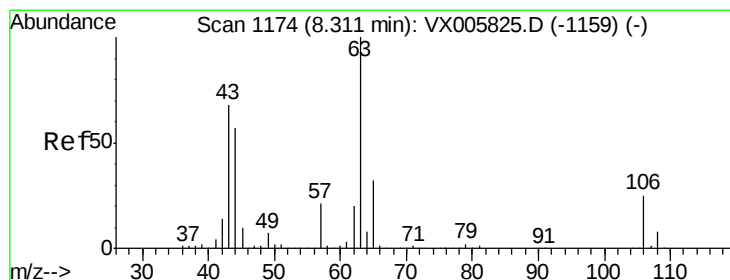
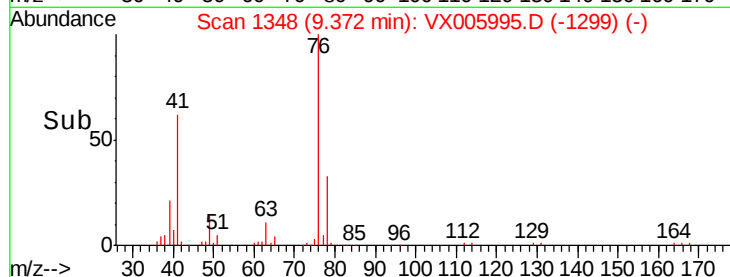
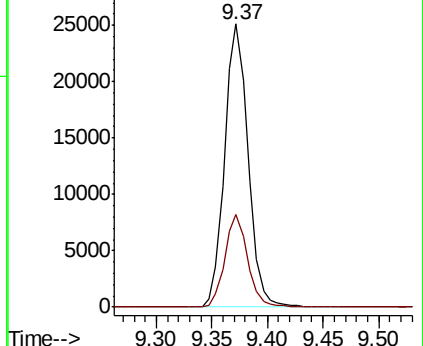
76 100

78 31.7 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 98.998 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX005995.D

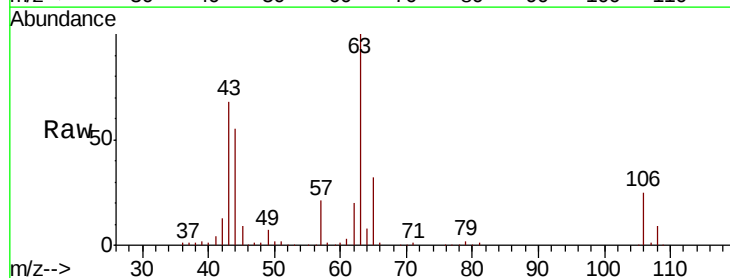
Acq: 15 Nov 2018 01:27

Tgt Ion: 63 Resp: 93991

Ion Ratio Lower Upper

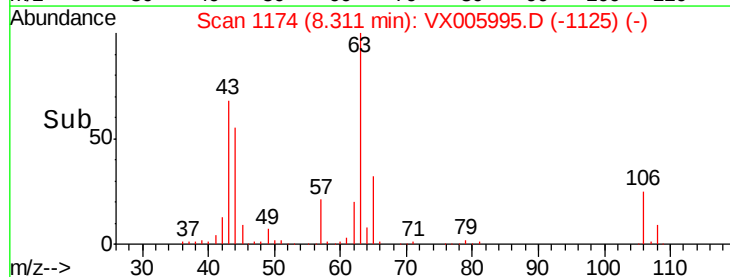
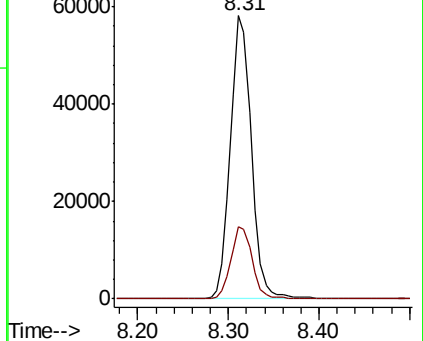
63 100

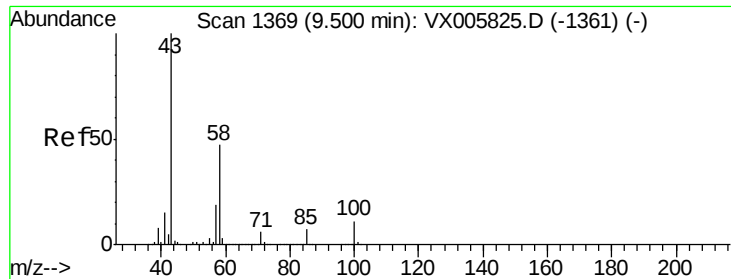
106 25.8 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

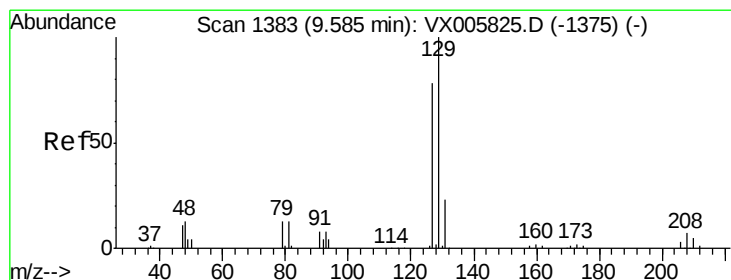
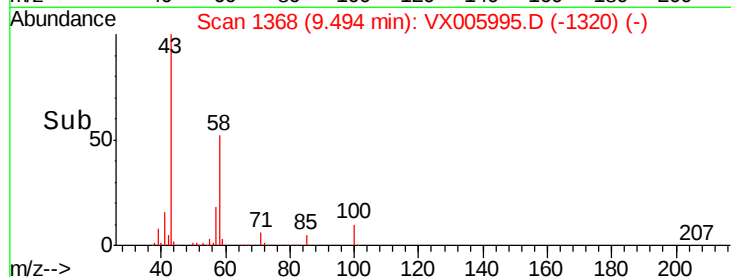
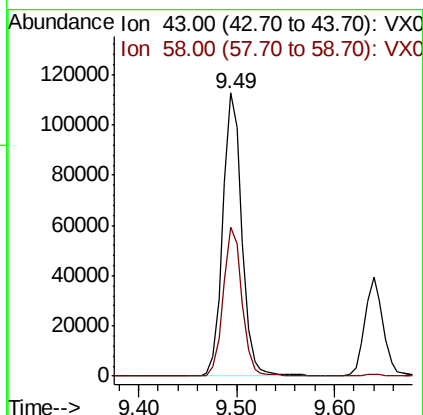
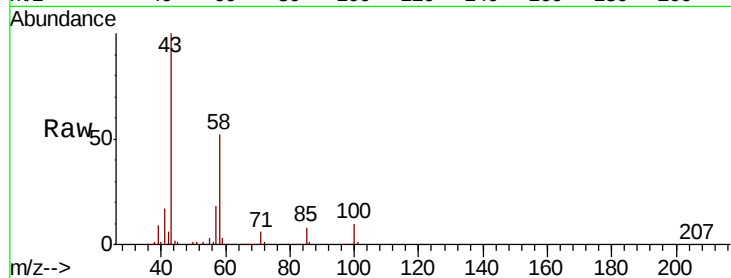




#59
2-Hexanone
Concen: 85.200 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

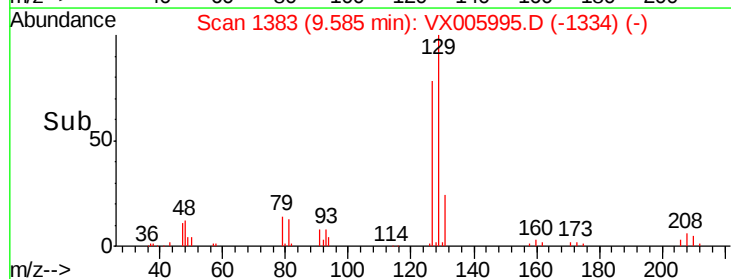
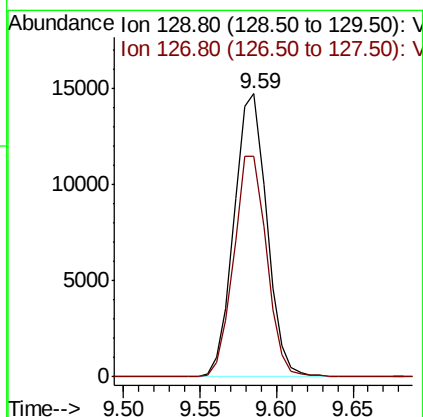
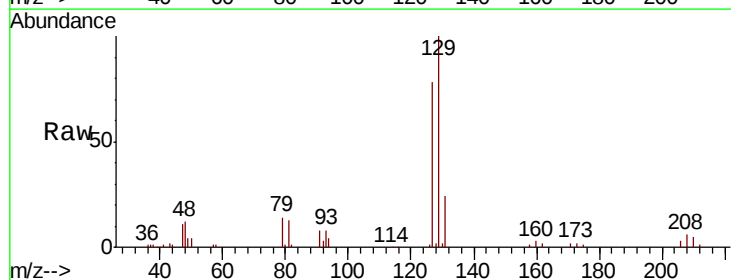
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

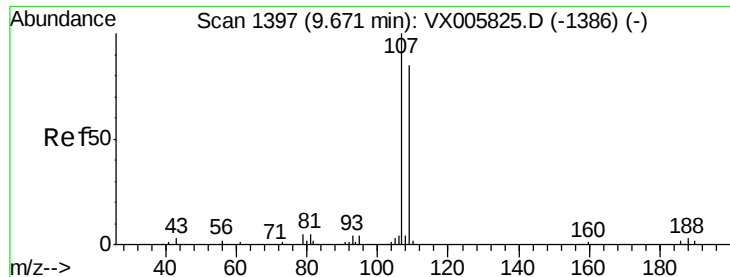
Tot Ion: 43 Resp: 152606
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8



#60
Dibromochloromethane
Concen: 16.523 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion: 129 Resp: 21941
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 16.659 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

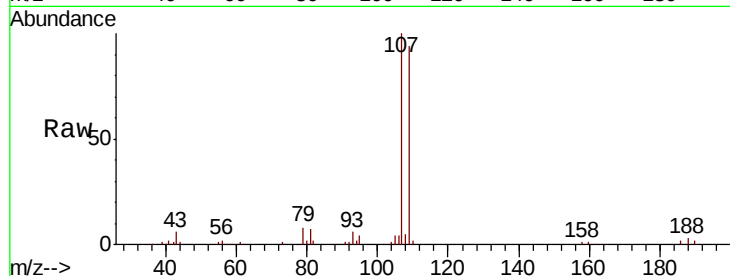
VX1114WBSD02

Tot Ion:107 Resp: 22634

Ion Ratio Lower Upper

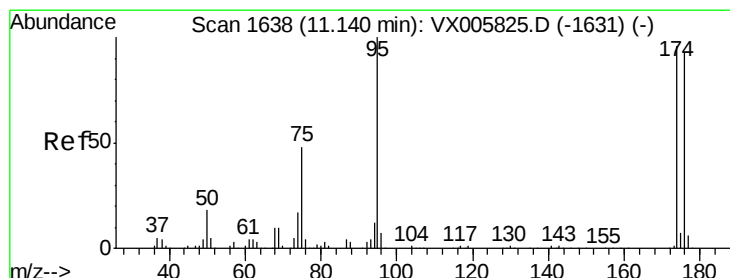
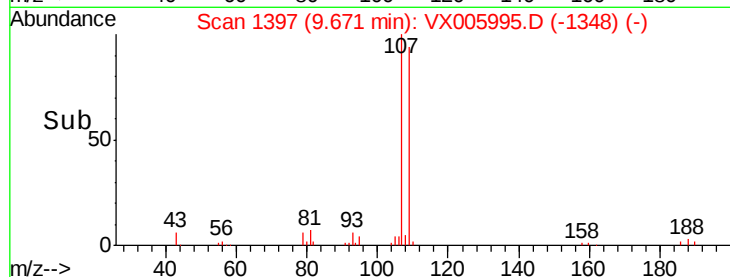
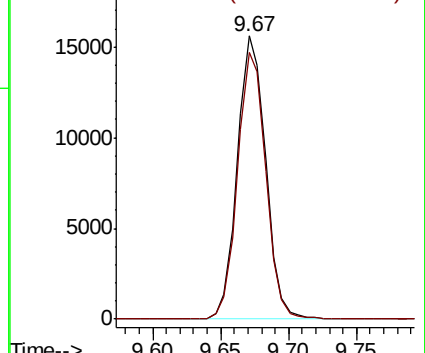
107 100

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: 49.268 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

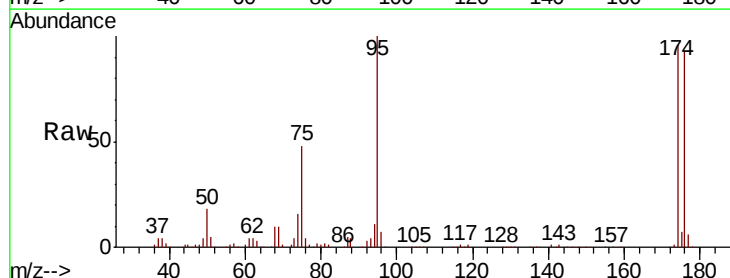
Tgt Ion: 95 Resp: 70304

Ion Ratio Lower Upper

95 100

174 91.1 0.0 184.4

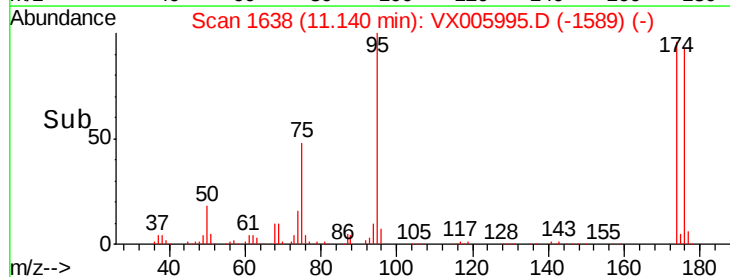
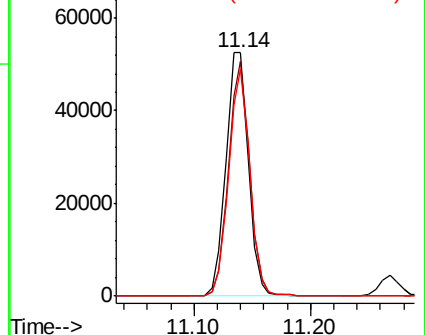
176 87.8 0.0 177.4

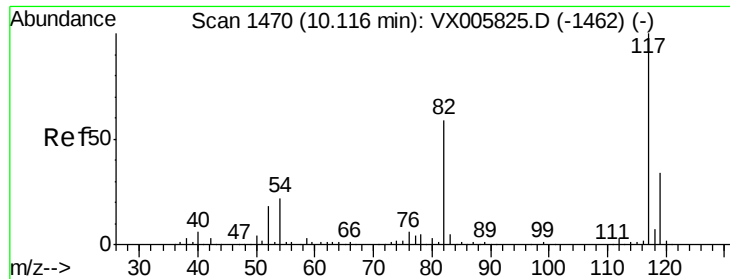


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

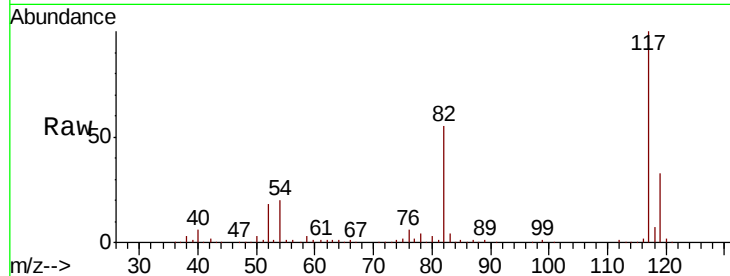




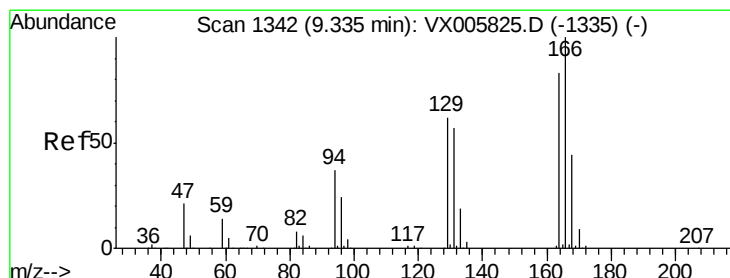
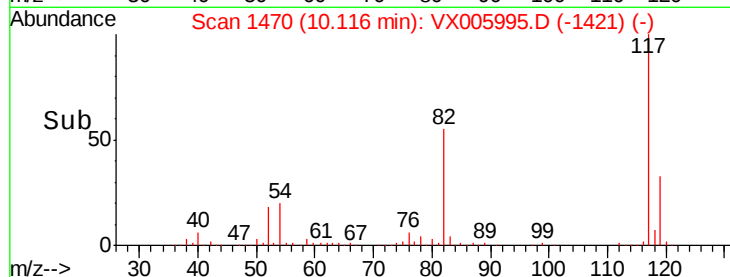
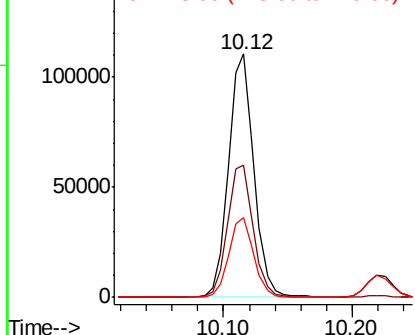
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tot Ion:117 Resp: 152346
Ion Ratio Lower Upper
117 100
82 54.5 44.1 66.1
119 32.6 26.2 39.2



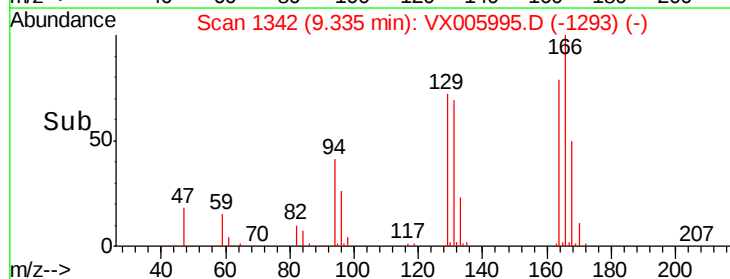
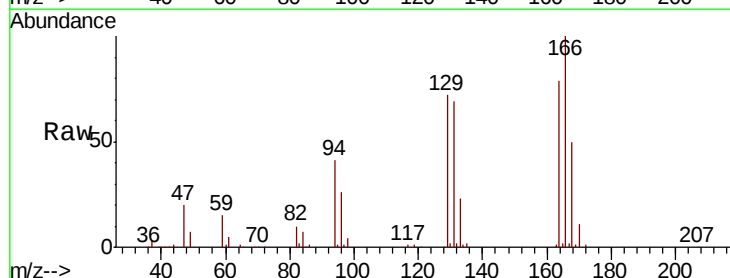
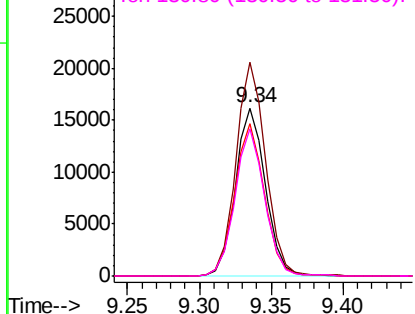
Abundance Ion 116.90 (116.60 to 117.60): V
150000 Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

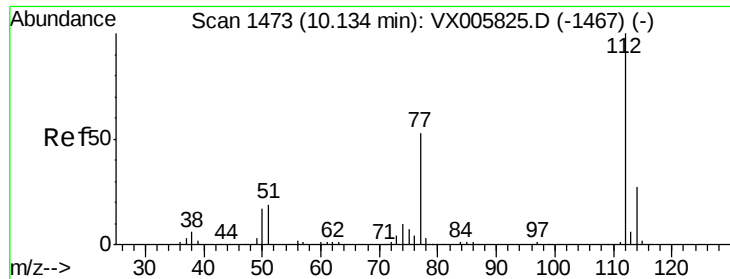


#64
Tetrachloroethene
Concen: 18.013 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion:164 Resp: 23364
Ion Ratio Lower Upper
164 100
166 126.9 101.9 152.9
129 90.8 72.6 109.0
131 87.6 71.1 106.7

Abundance Ion 163.80 (163.50 to 164.50): V
30000 Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

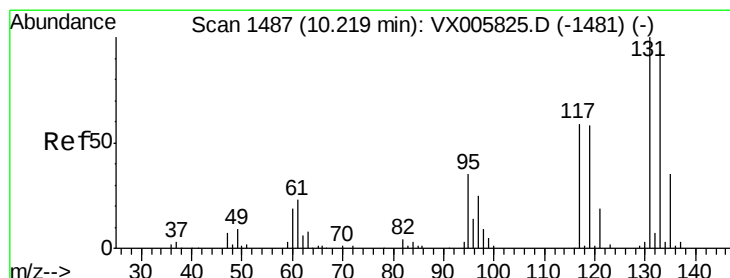
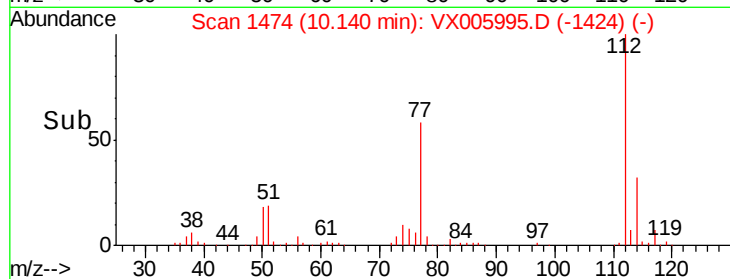
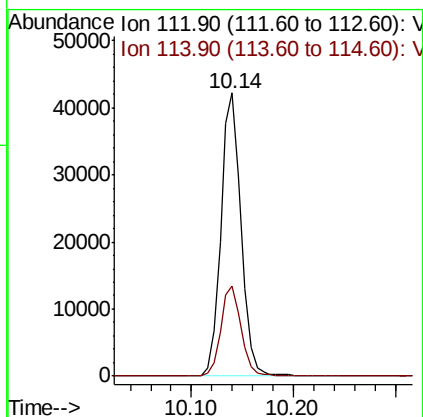
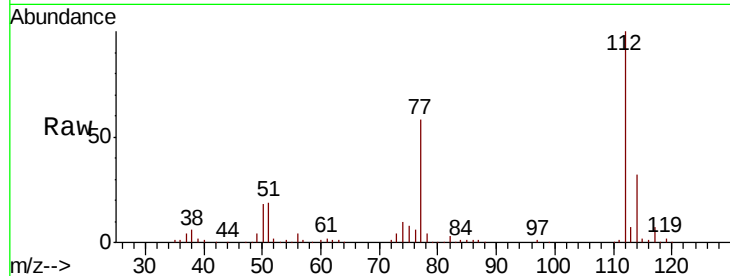




#65
Chlorobenzene
Concen: 18.990 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

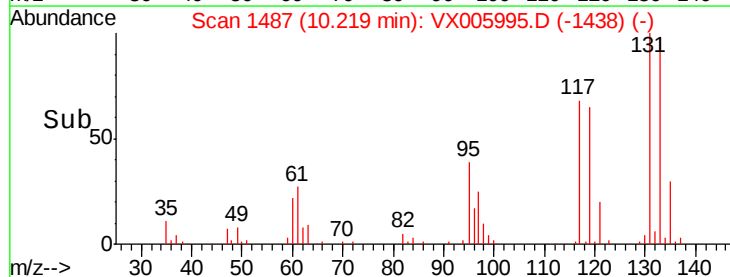
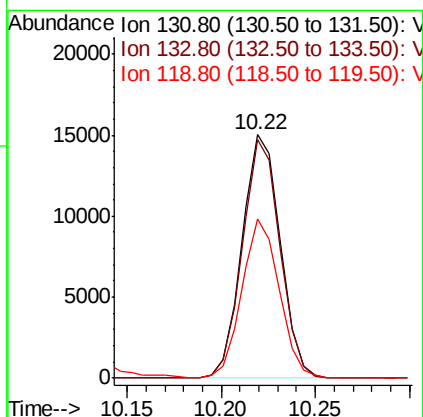
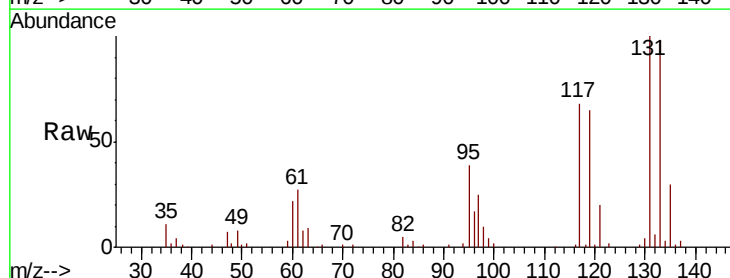
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

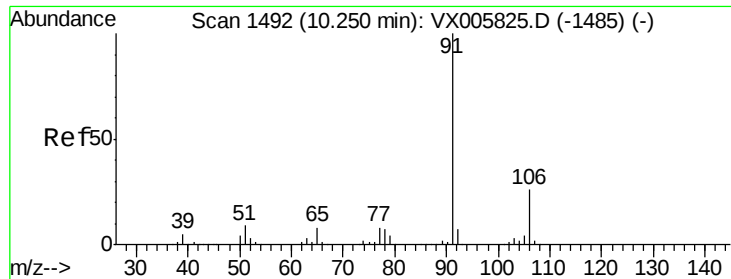
Tot Ion:112 Resp: 57956
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.843 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion:131 Resp: 21054
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.5
119 64.1 31.8 95.3

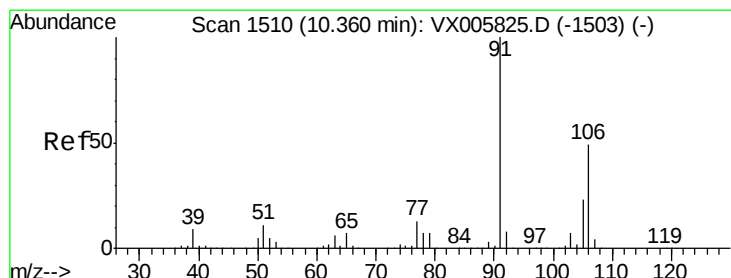
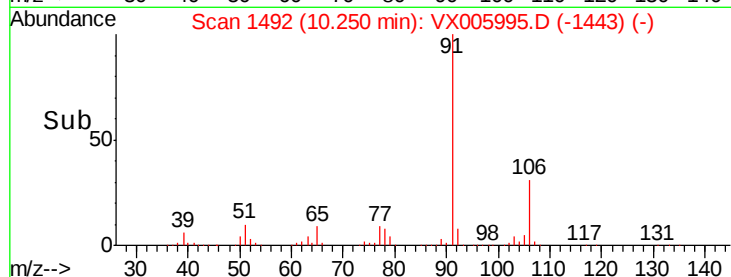
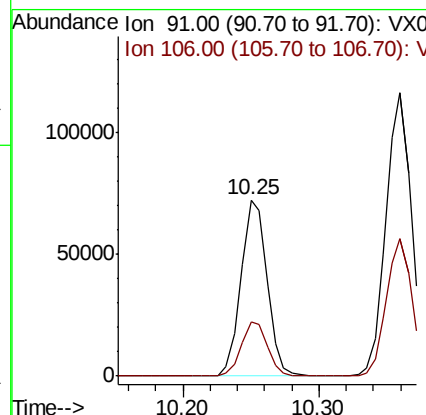
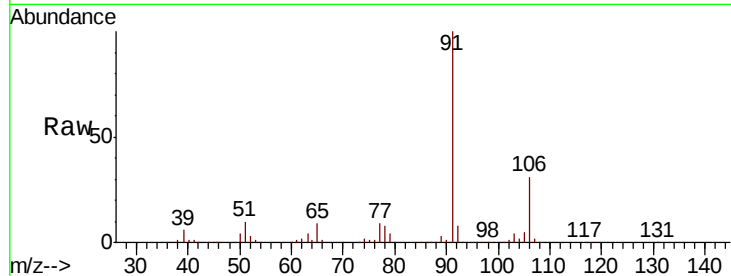




#67
Ethyl Benzene
Concen: 19.788 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

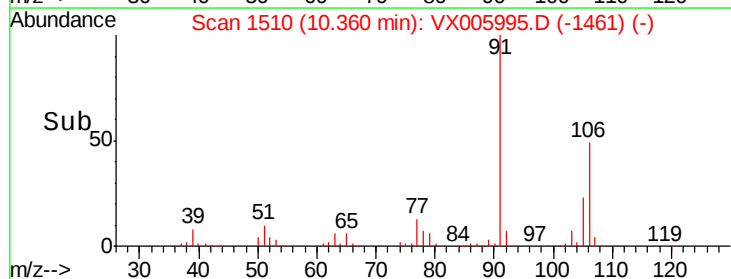
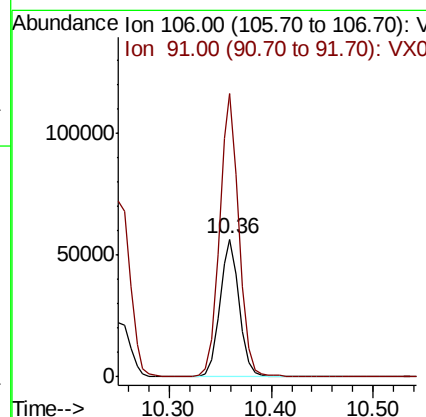
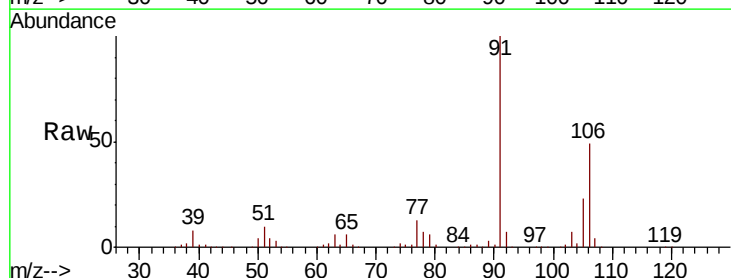
Instrument :
MSVOA_X
ClientSampled :
VX1114WBSD02

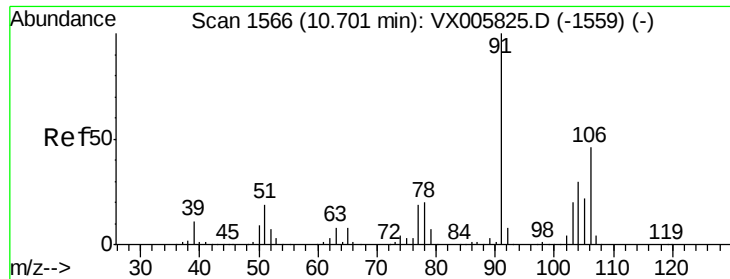
Tot Ion: 91 Resp: 96841
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6



#68
m/p-Xylenes
Concen: 40.442 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion: 106 Resp: 75495
Ion Ratio Lower Upper
106 100
91 205.6 164.2 246.4

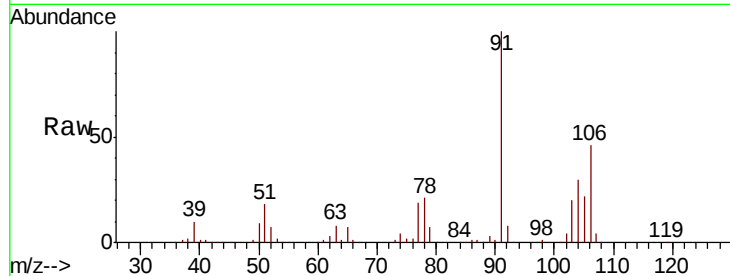




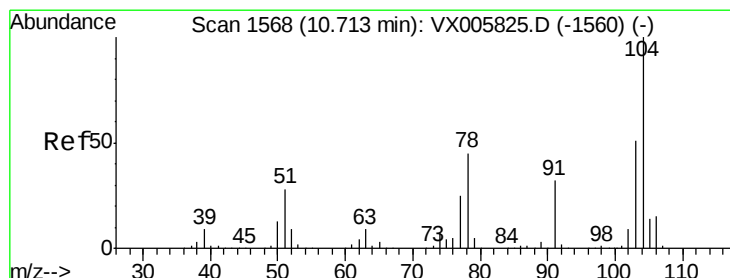
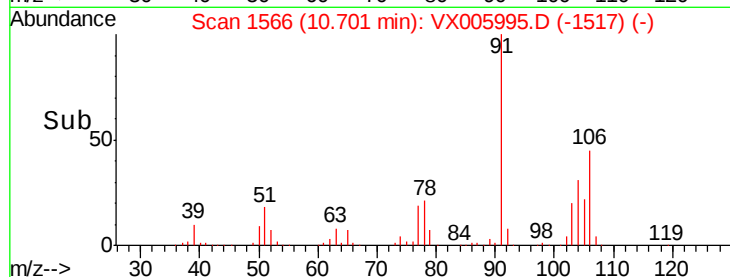
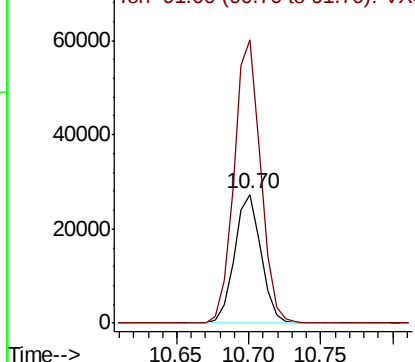
#69
o-Xylene
Concen: 20.967 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tot Ion:106 Resp: 35097
Ion Ratio Lower Upper
106 100
91 221.4 108.5 325.5

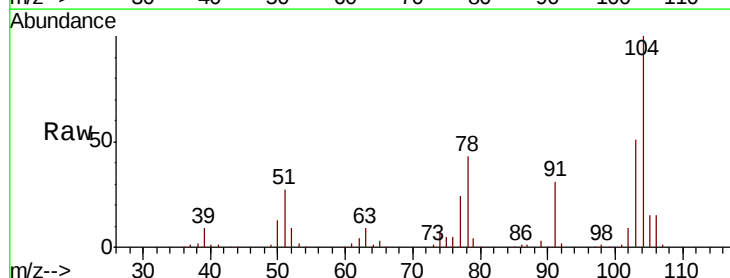


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

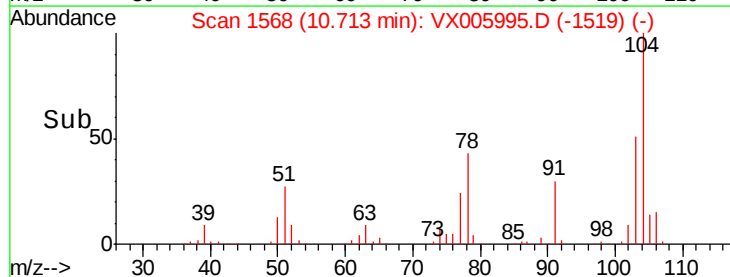
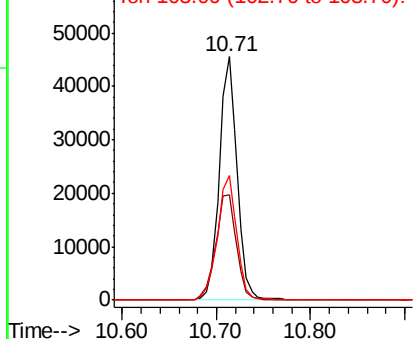


#70
Styrene
Concen: 21.578 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion:104 Resp: 59585
Ion Ratio Lower Upper
104 100
78 50.7 40.2 60.4
103 55.9 44.9 67.3



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





#71

Bromoform

Concen: 20.125 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

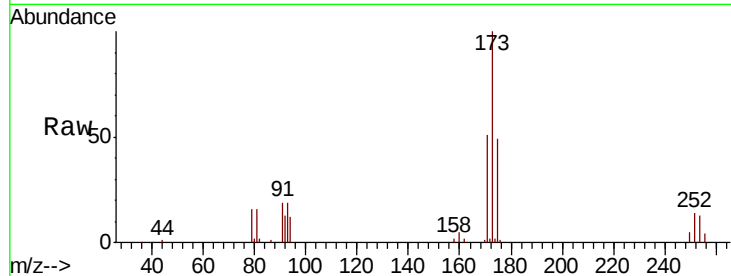
Tot Ion:173 Resp: 17900

Ion Ratio Lower Upper

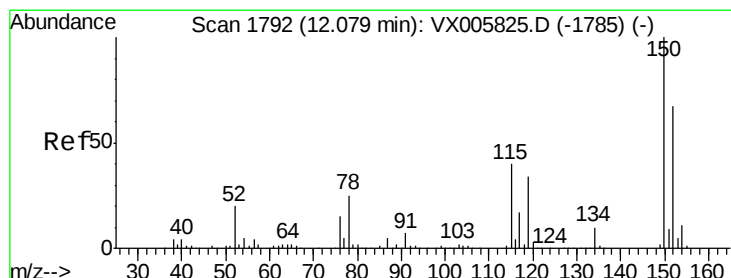
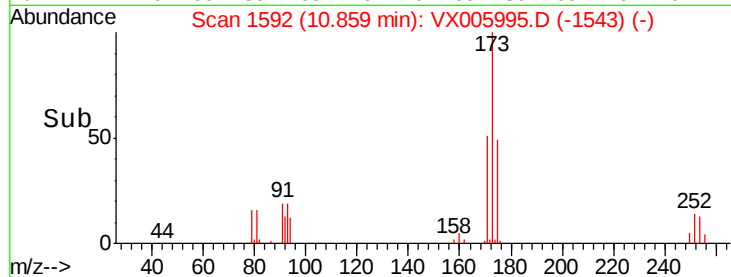
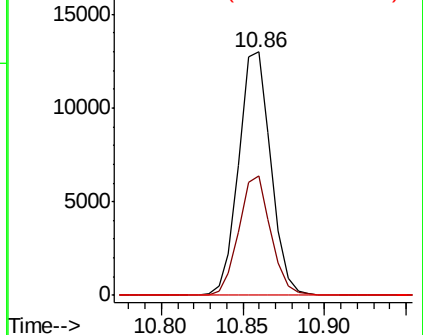
173 100

175 48.4 24.8 74.3

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

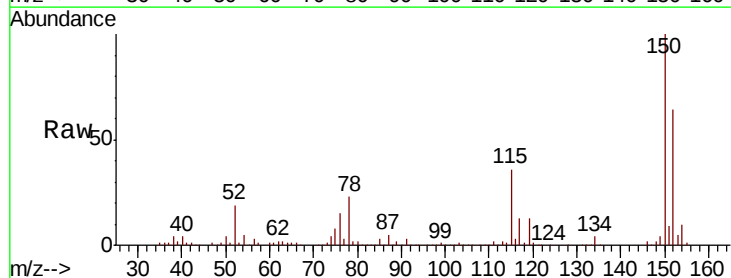
Tgt Ion:152 Resp: 81534

Ion Ratio Lower Upper

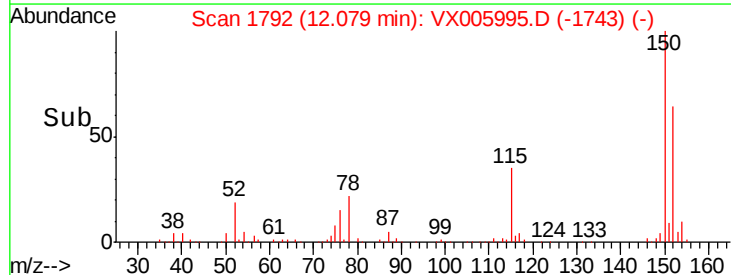
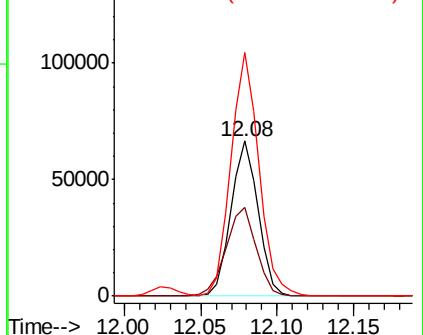
152 100

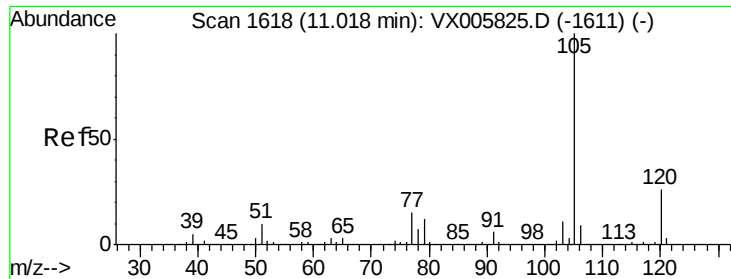
115 63.8 39.4 118.1

150 162.9 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: 21.168 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

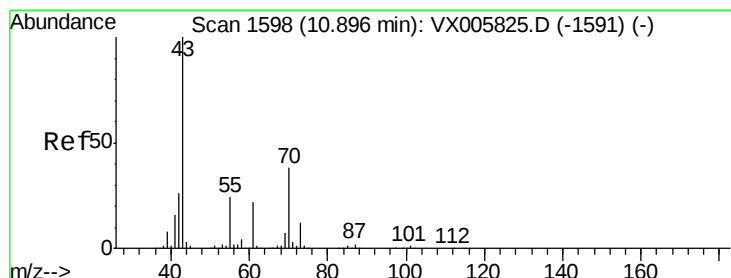
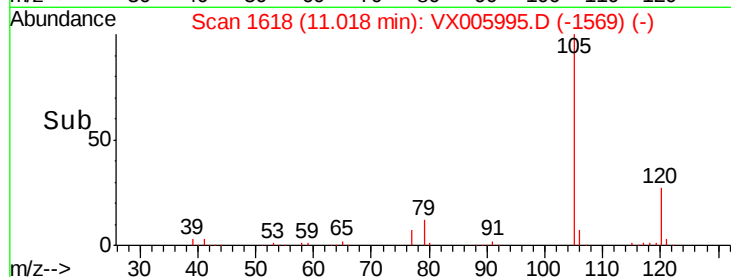
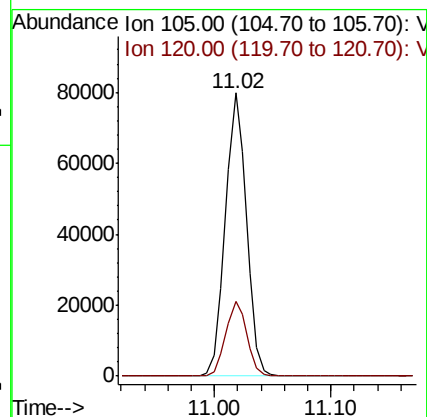
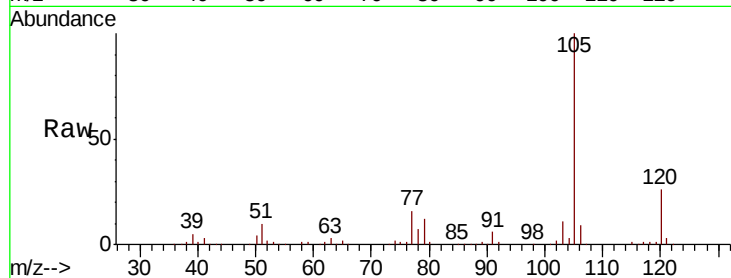
VX1114WBSD02

Tot Ion:105 Resp: 99808

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



#74

N-ethyl acetate

Concen: 18.981 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Tgt Ion: 43 Resp: 48109

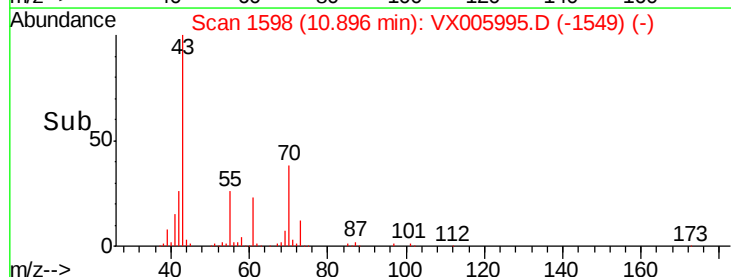
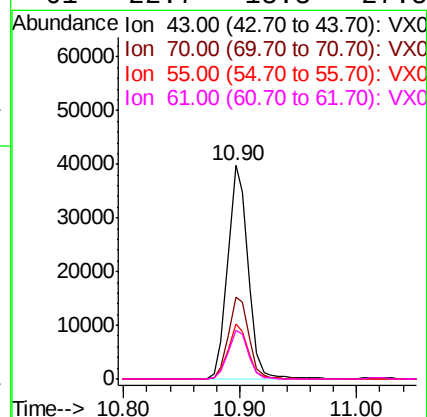
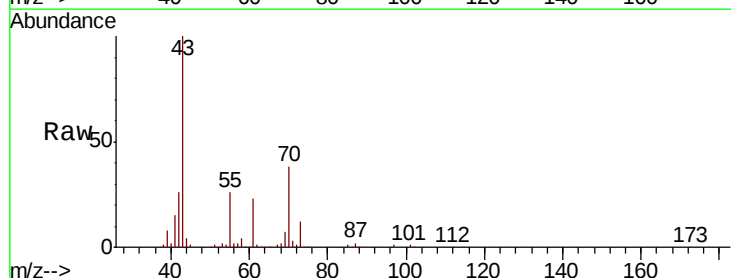
Ion Ratio Lower Upper

43 100

70 38.8 31.6 47.4

55 25.1 19.7 29.5

61 22.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.095 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

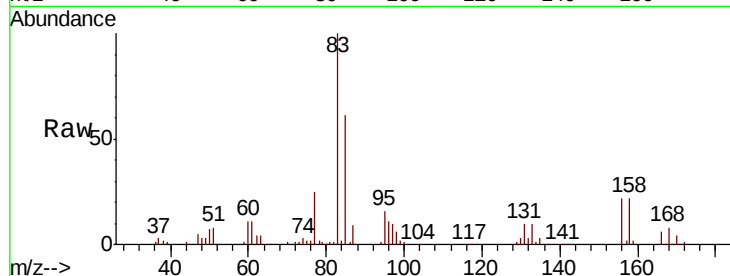
Tot Ion: 83 Resp: 34777

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

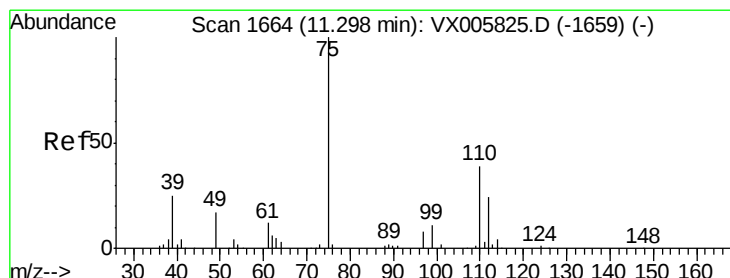
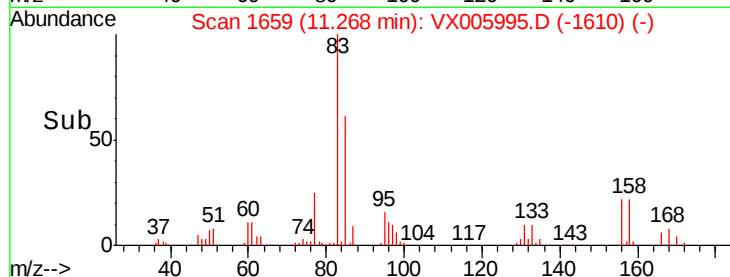
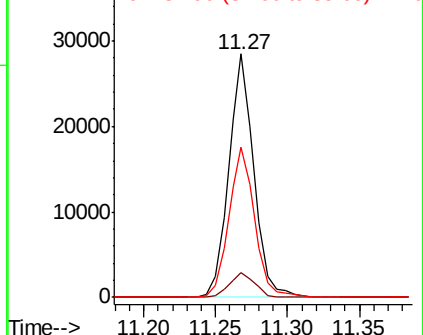
85 63.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX005825.D (-1652) (-)

Ion 130.80 (130.50 to 131.50): VX005825.D (-1652) (-)

Ion 84.90 (84.60 to 85.60): VX005825.D (-1652) (-)



#76

1,2,3-Trichloropropane

Concen: 24.847 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005995.D

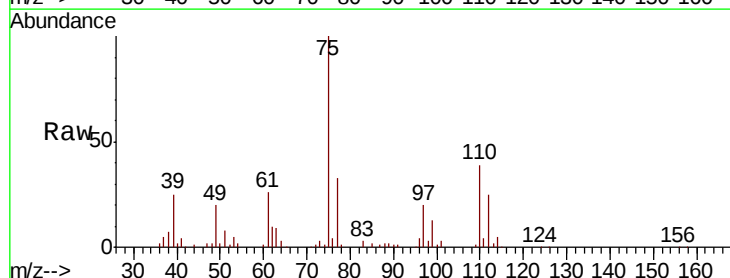
Acq: 15 Nov 2018 01:27

Tgt Ion: 75 Resp: 41252

Ion Ratio Lower Upper

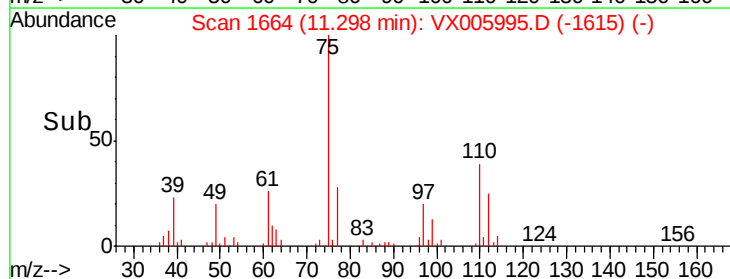
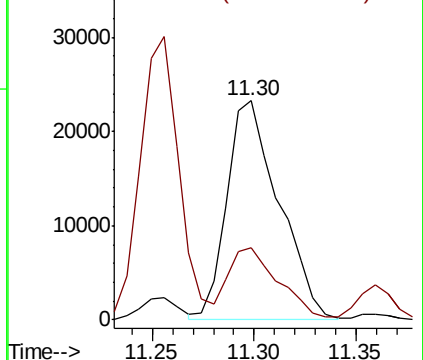
75 100

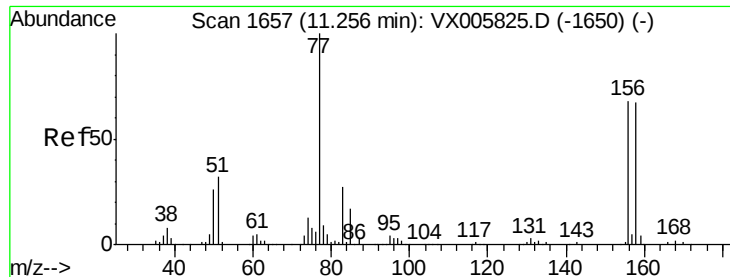
77 31.6 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX005825.D (-1659) (-)

Ion 77.00 (76.70 to 77.70): VX005825.D (-1659) (-)





#77

Bromobenzene

Concen: 19.997 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

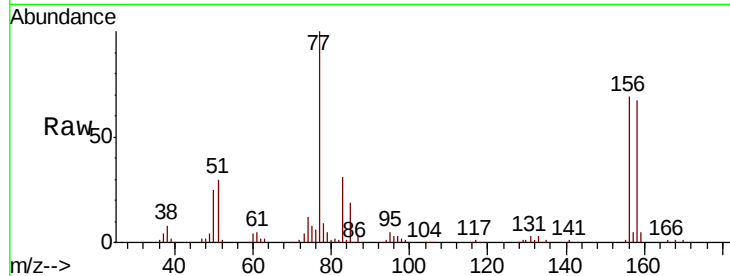
Tot Ion:156 Resp: 26575

Ion Ratio Lower Upper

156 100

77 148.8 74.8 224.4

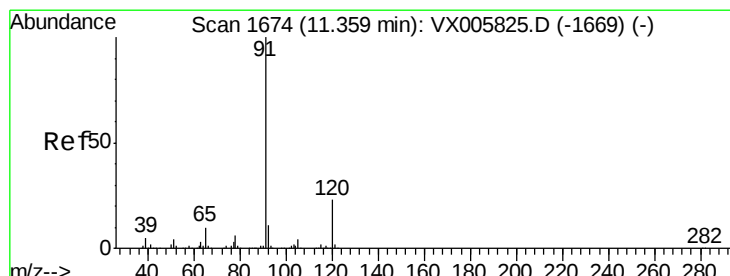
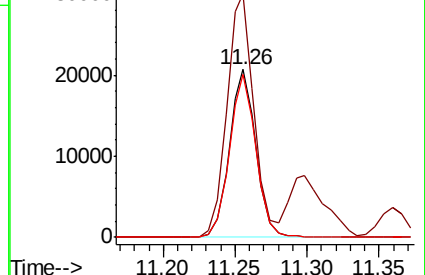
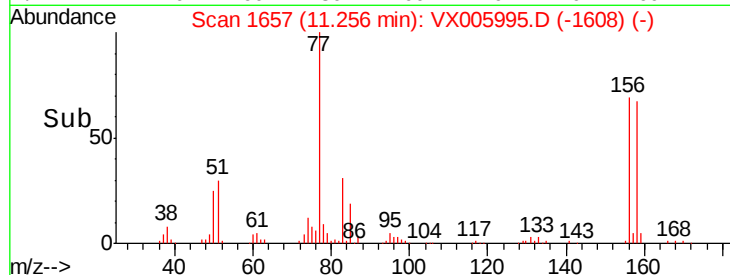
158 97.5 49.1 147.3



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: 20.454 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005995.D

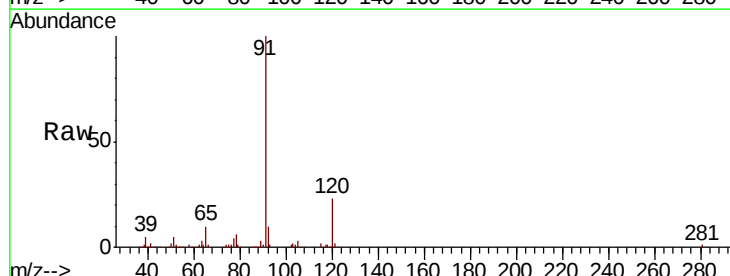
Acq: 15 Nov 2018 01:27

Tgt Ion: 91 Resp: 113658

Ion Ratio Lower Upper

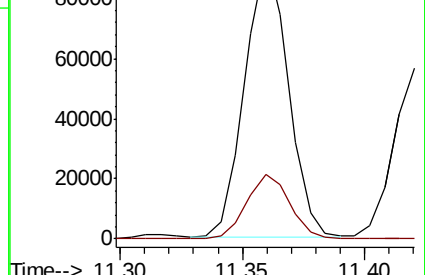
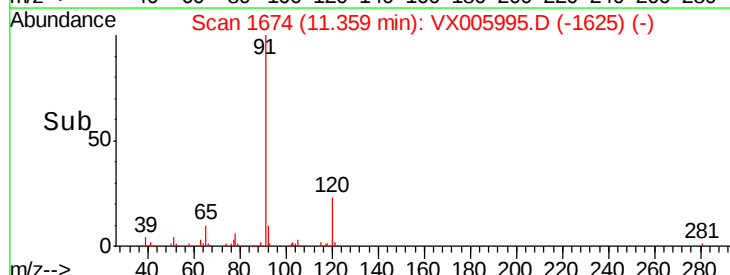
91 100

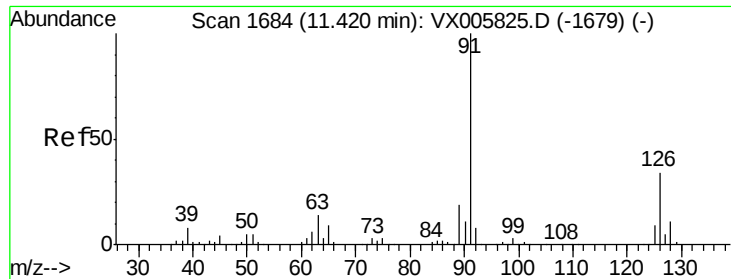
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

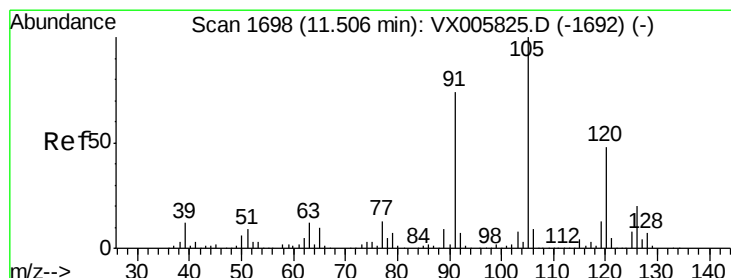
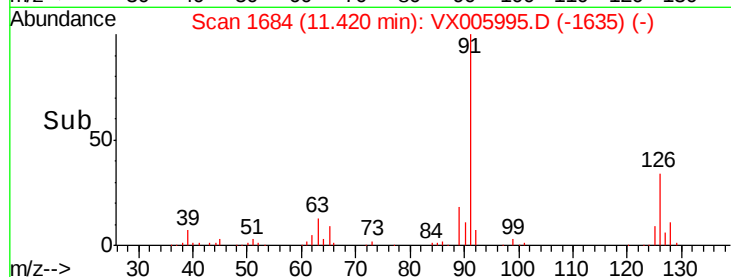
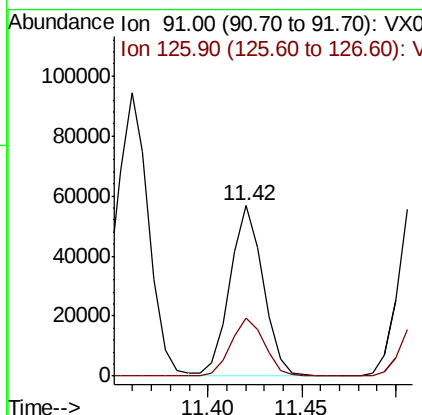
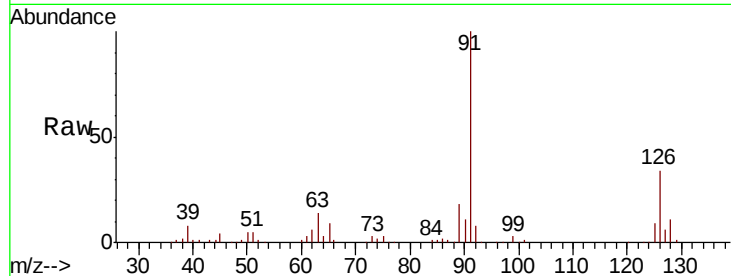




#79
 2-Chlorotoluene
 Concen: 20.568 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

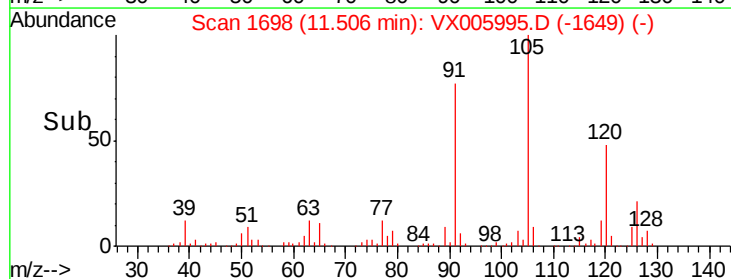
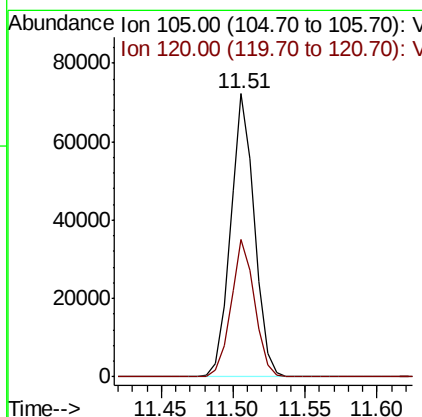
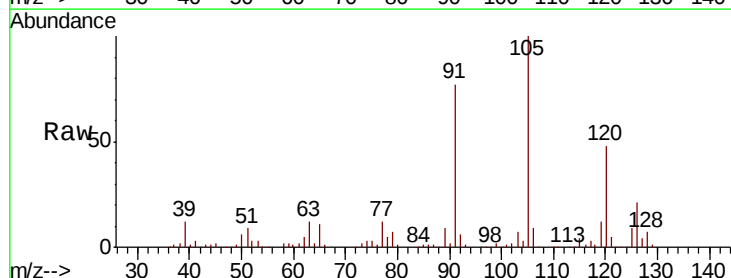
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1114WBSD02

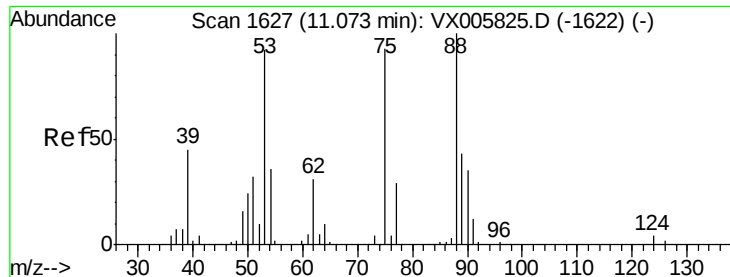
Tot Ion: 91 Resp: 69082
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.943 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion: 105 Resp: 83913
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.871 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

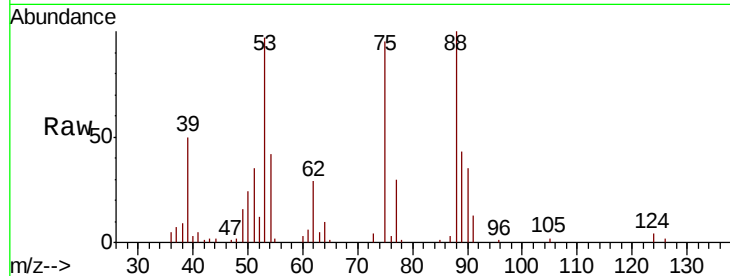
Tot Ion: 75 Resp: 9830

Ion Ratio Lower Upper

75 100

53 100.2 80.2 120.2

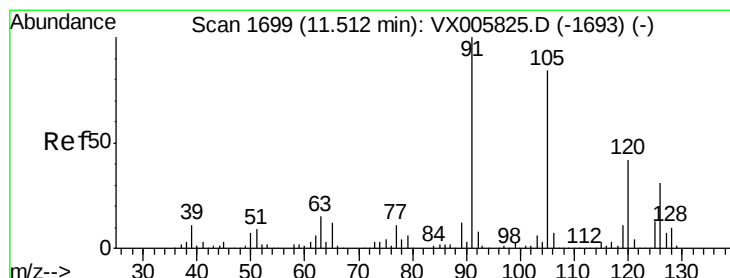
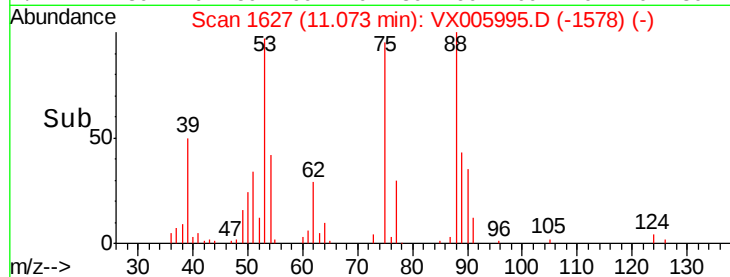
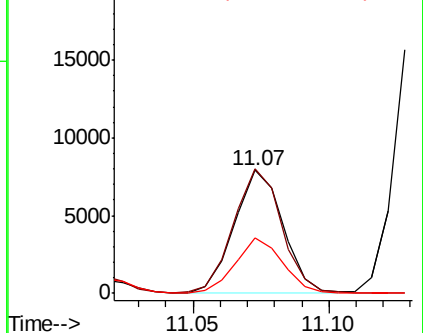
89 44.1 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.550 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005995.D

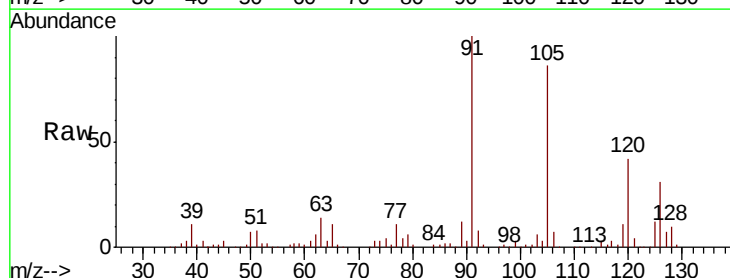
Acq: 15 Nov 2018 01:27

Tgt Ion: 91 Resp: 81344

Ion Ratio Lower Upper

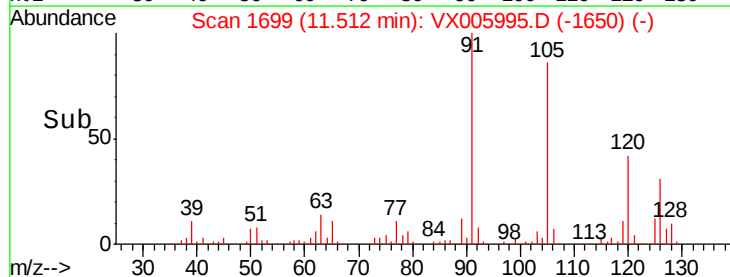
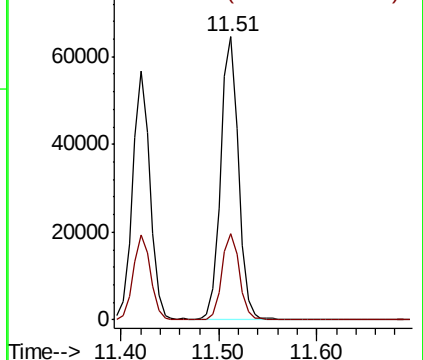
91 100

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: 20.050 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

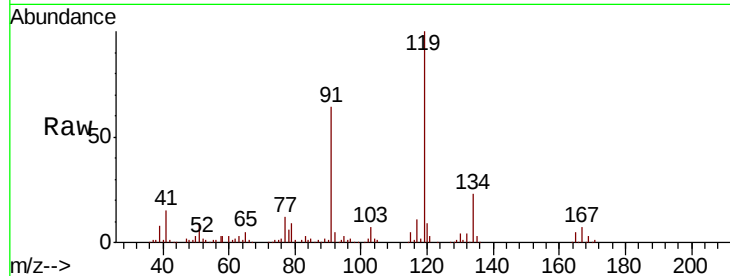
Tot Ion:119 Resp: 81273

Ion Ratio Lower Upper

119 100

91 57.9 28.5 85.5

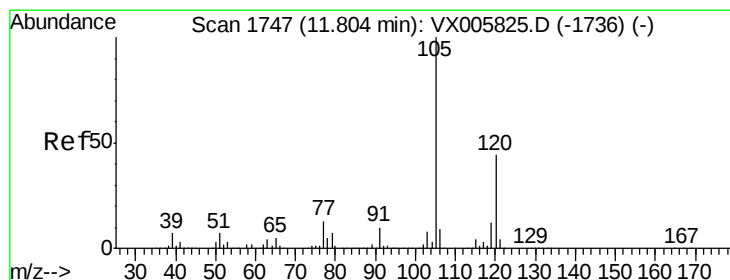
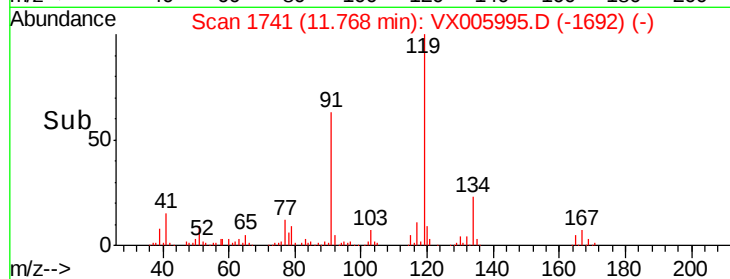
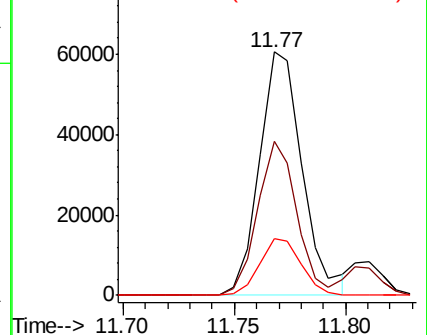
134 22.7 11.3 33.8



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: 19.273 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX005995.D

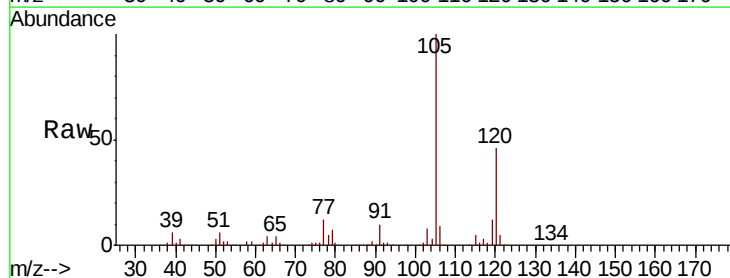
Acq: 15 Nov 2018 01:27

Tgt Ion:105 Resp: 85547

Ion Ratio Lower Upper

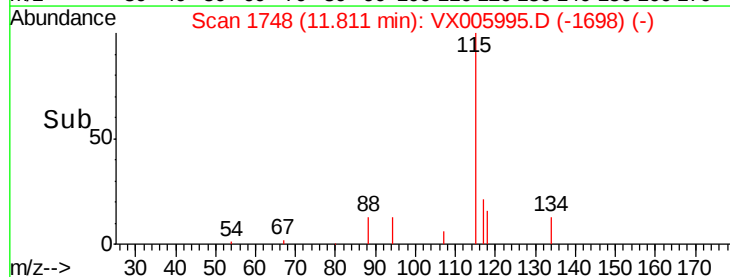
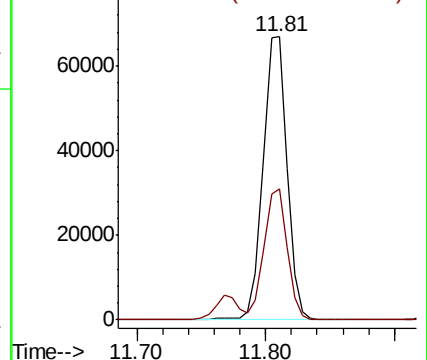
105 100

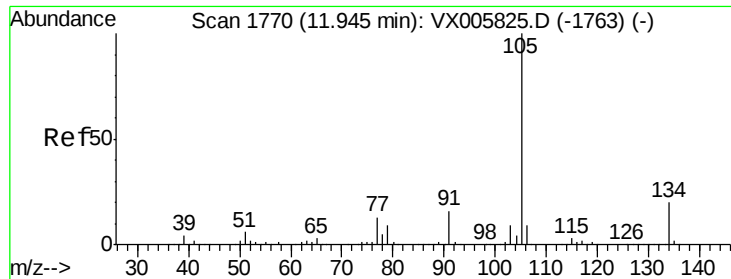
120 44.8 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

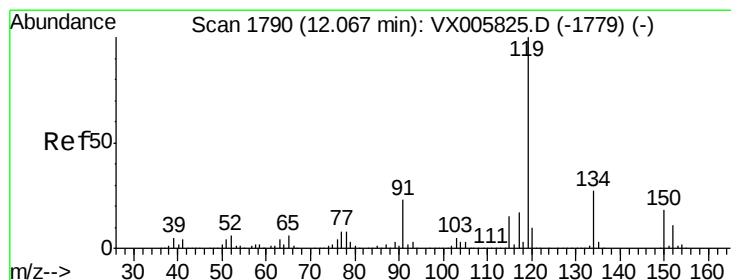
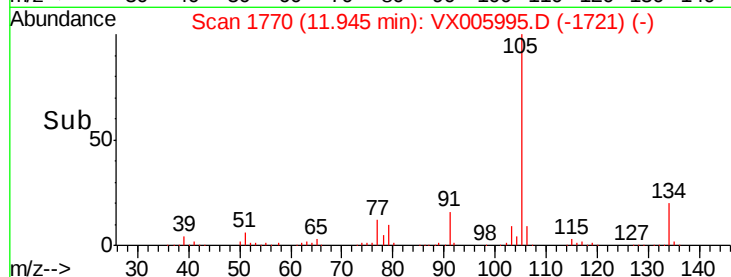
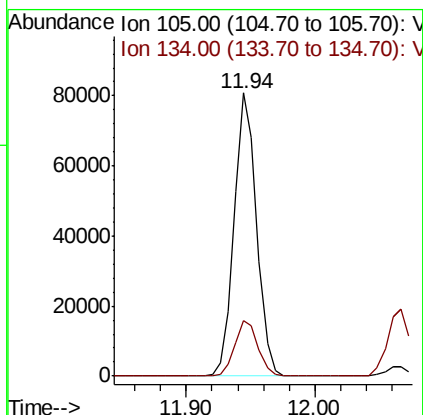
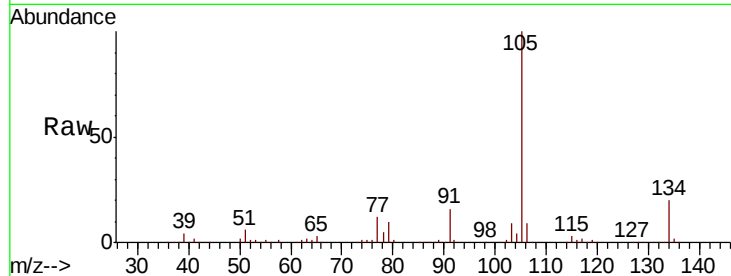




#85
 sec-Butylbenzene
 Concen: 19.846 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

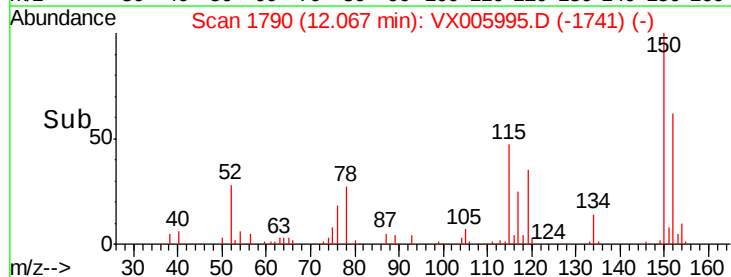
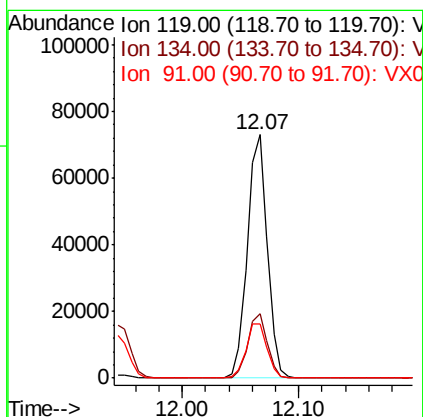
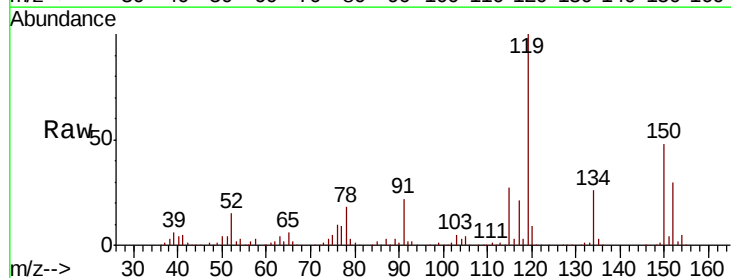
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

Tot Ion:105 Resp: 98373
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 19.981 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion:119 Resp: 87730
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 23.5 11.4 34.2

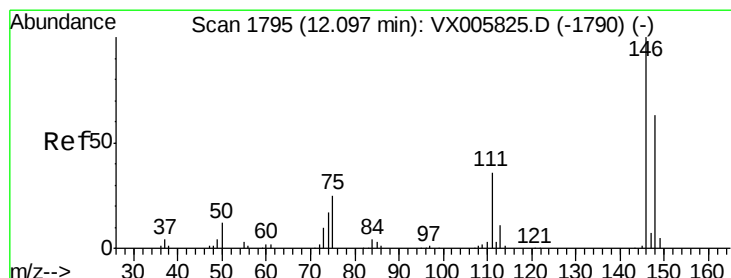
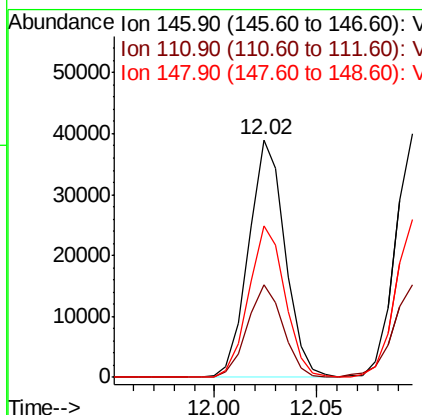
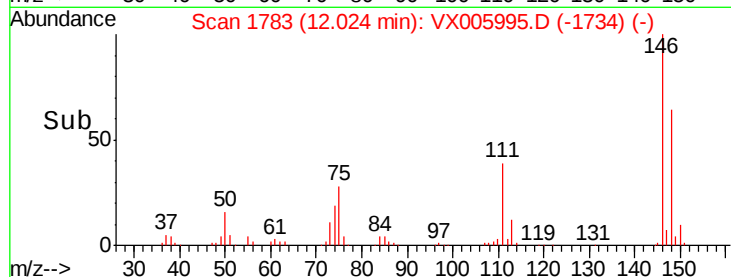
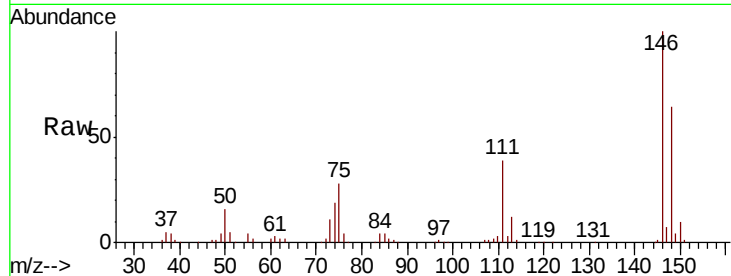




#87
 1,3-Dichlorobenzene
 Concen: 18.976 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

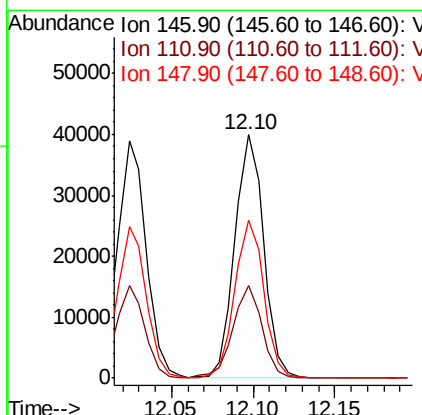
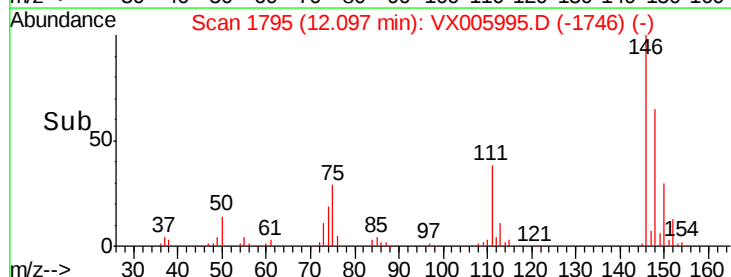
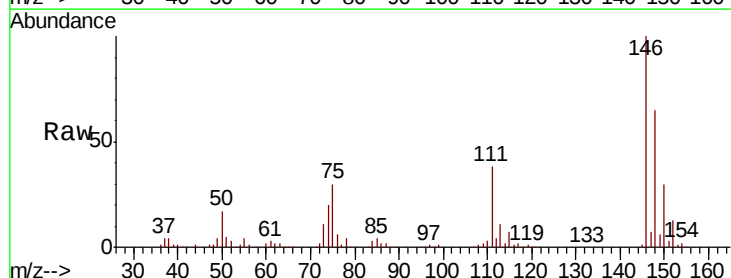
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

Tot Ion:146 Resp: 48399
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.0 57.0
 148 63.7 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 18.896 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion:146 Resp: 49336
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.6 55.8
 148 65.3 32.1 96.3

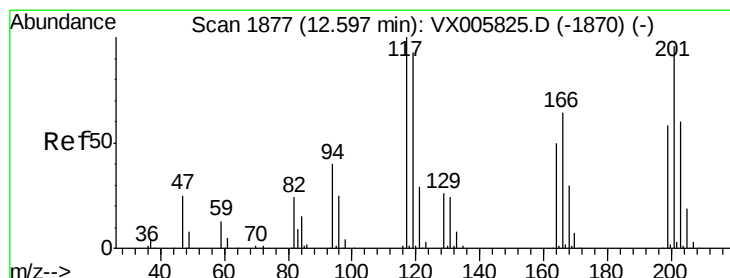
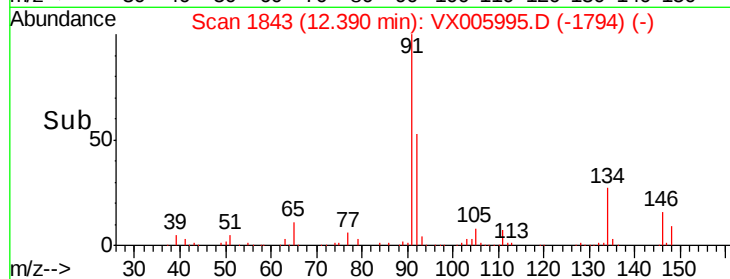
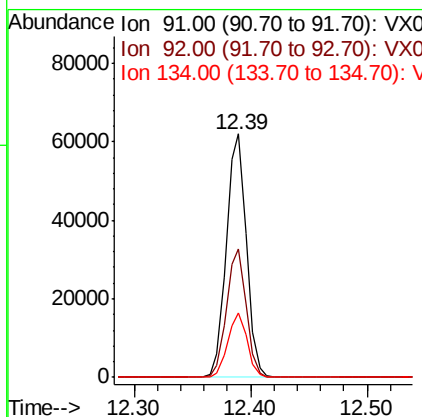
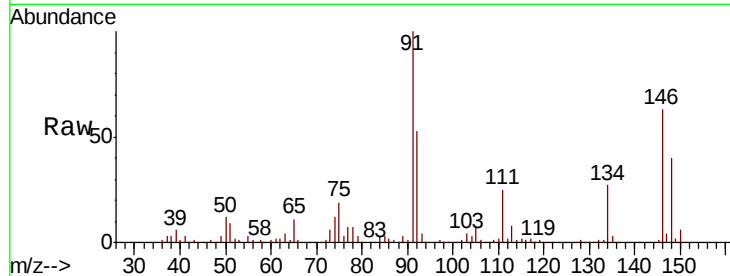




#89
n-Butylbenzene
Concen: 18.175 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

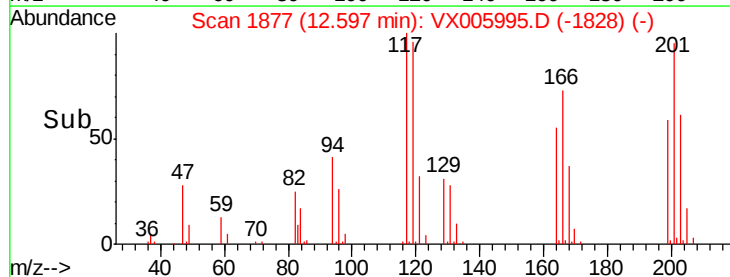
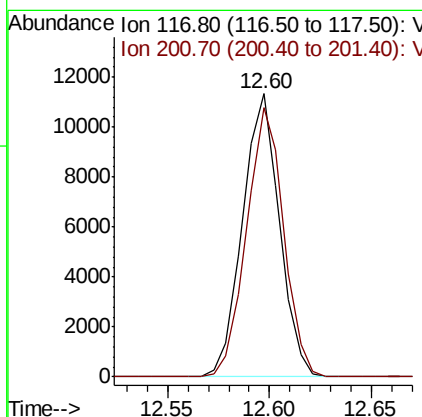
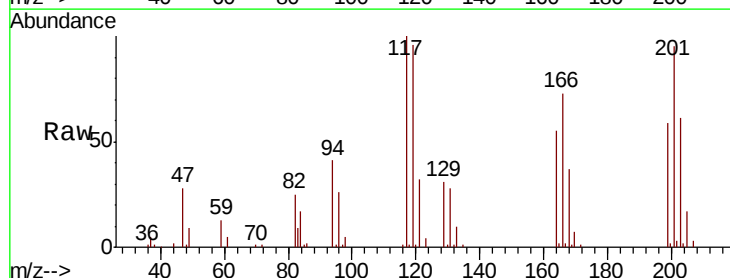
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

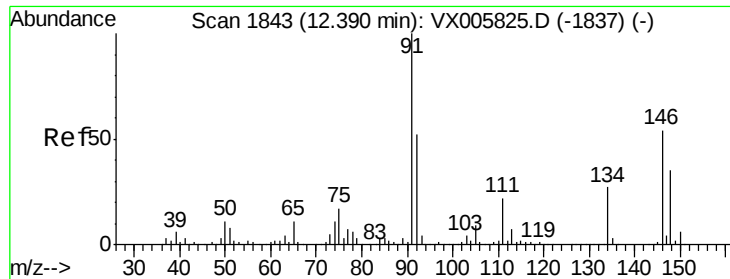
Tot Ion: 91 Resp: 73960
Ion Ratio Lower Upper
91 100
92 51.8 26.1 78.2
134 25.7 13.1 39.3



#90
Hexachloroethane
Concen: 19.372 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion: 117 Resp: 14201
Ion Ratio Lower Upper
117 100
201 96.0 47.9 143.6

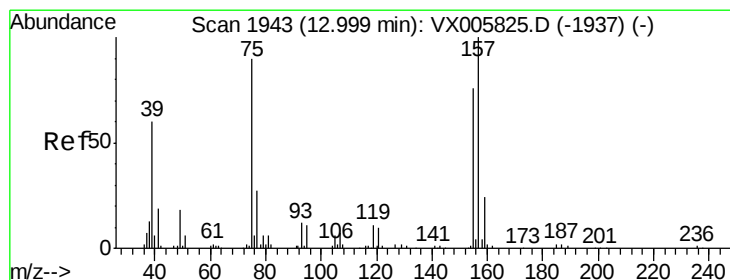
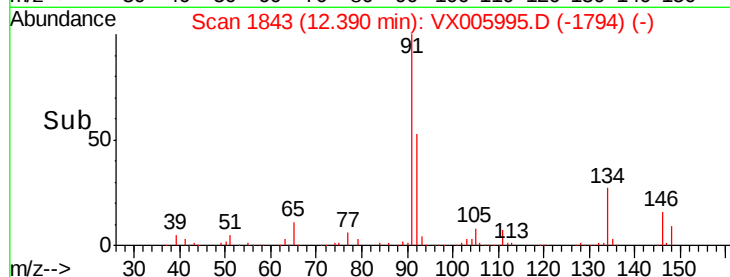
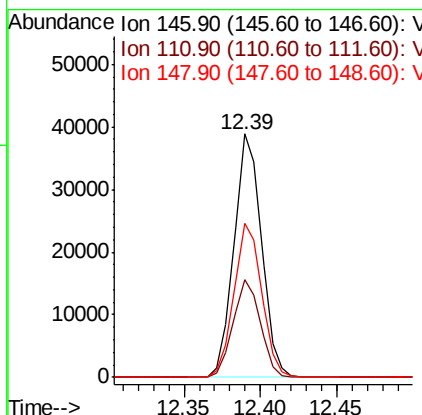
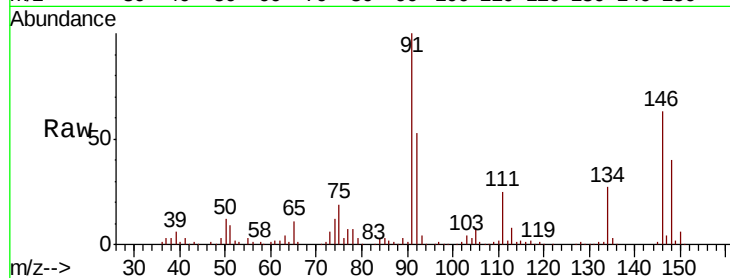




#91
 1,2-Dichlorobenzene
 Concen: 19.016 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

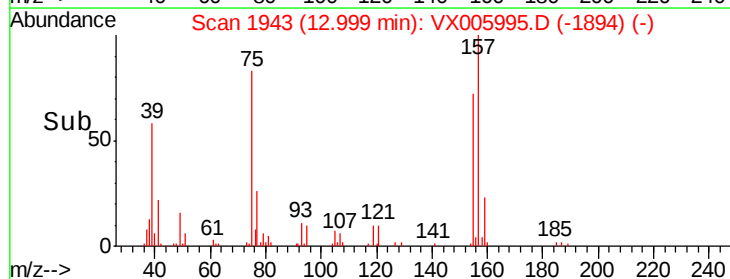
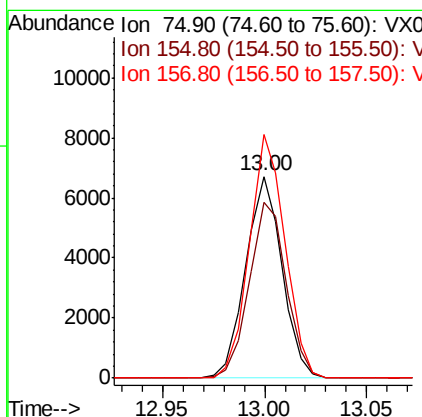
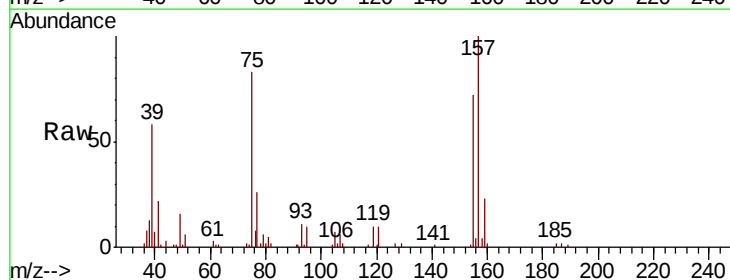
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

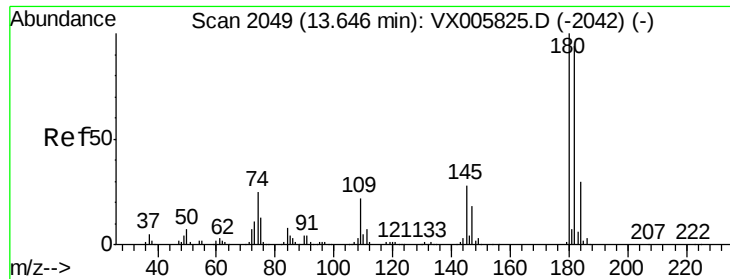
Tot Ion:146 Resp: 48587
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 59.9
 148 63.4 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.663 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion: 75 Resp: 8304
 Ion Ratio Lower Upper
 75 100
 155 89.0 45.4 136.1
 157 118.4 57.4 172.0

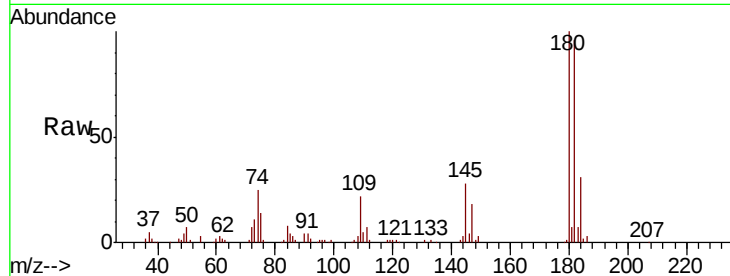




#93
 1,2,4-Trichlorobenzene
 Concen: 19.222 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	28.3	14.1	42.2

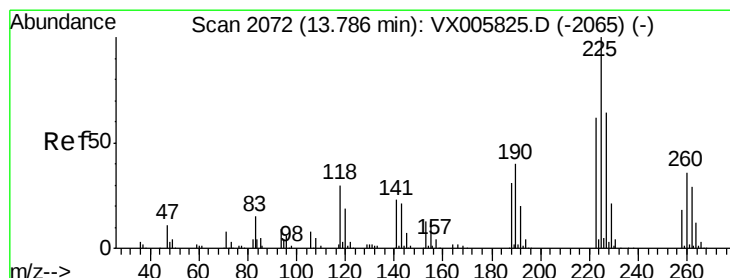
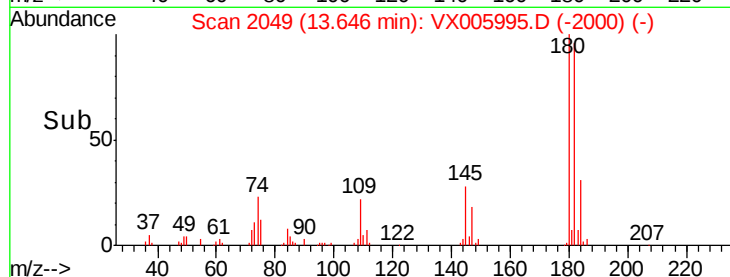
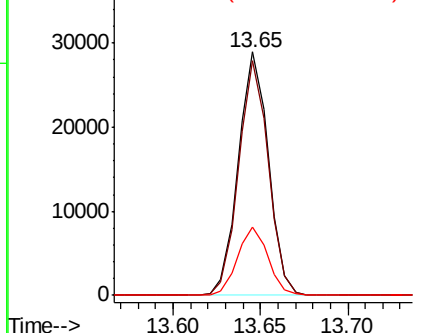


Abundance

Ion 179.80 (179.50 to 180.50): V

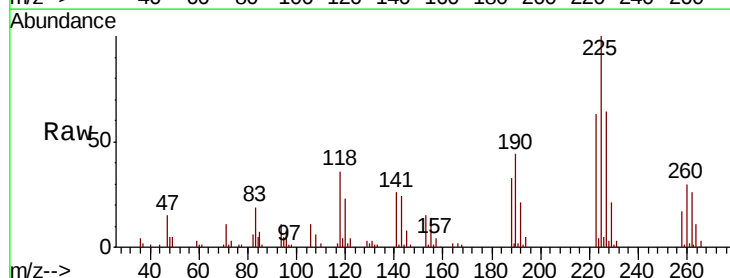
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 17.383 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.7	95.1
227	64.6	32.3	96.9

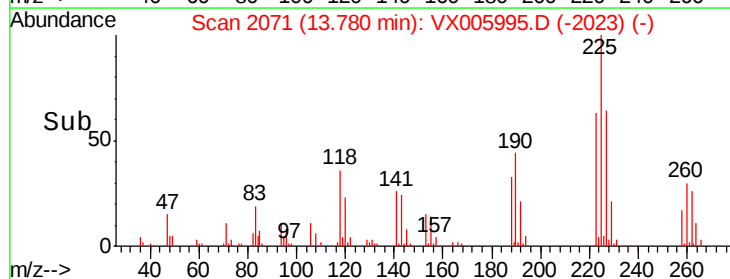
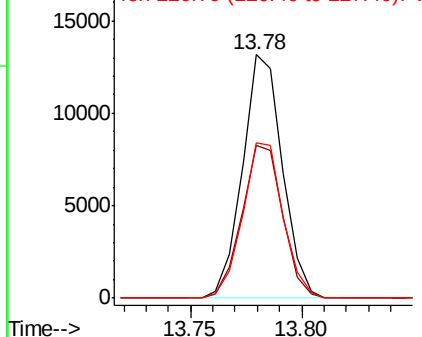


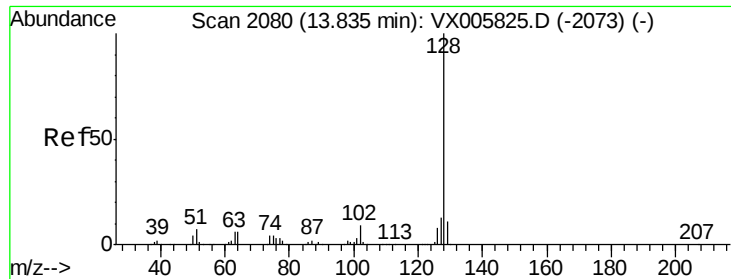
Abundance

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

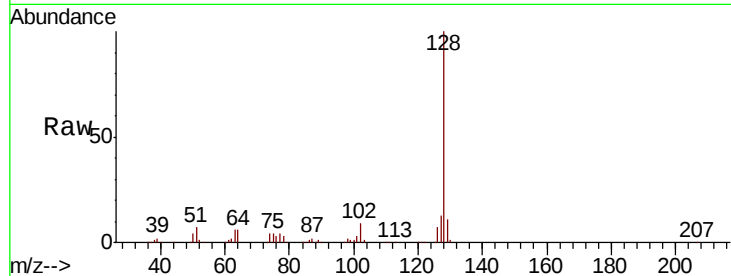




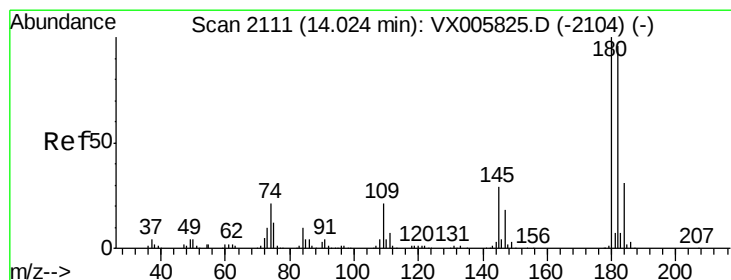
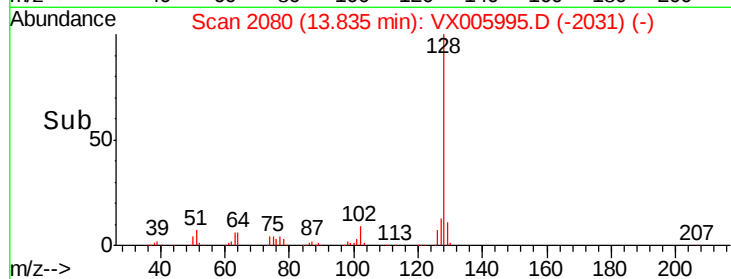
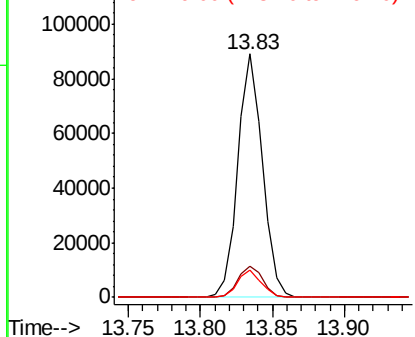
#95
Naphthalene
Concen: 18.874 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tot Ion:128 Resp: 106308
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.7 13.1

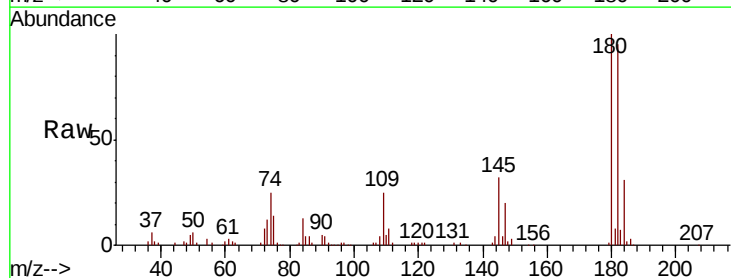


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.286 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion:180 Resp: 35341
Ion Ratio Lower Upper
180 100
182 97.8 48.0 144.2
145 30.6 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

