

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111418\
 Data File : VX005994.D
 Acq On : 15 Nov 2018 01:01
 Operator : JC/MD
 Sample : VX1114MBS02
 Misc : 5.0µl/10ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBS02

Quant Time: Nov 15 06:08:30 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	117213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	162819	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	145111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	78612	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	65889	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	5.50	113	54075	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	8.71	98	186037	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.14	95	68609	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	18085	17.113	ug/l	100
3) Chloromethane	1.32	50	24640	17.766	ug/l	98
4) Vinyl Chloride	1.40	62	25295	18.167	ug/l	99
5) Bromomethane	1.64	94	16068	18.858	ug/l	96
6) Chloroethane	1.72	64	16454	19.806	ug/l	90
7) Trichlorofluoromethane	1.93	101	34341	18.581	ug/l	100
8) Diethyl Ether	2.19	74	14826	20.473	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	19735	18.566	ug/l	99
10) Methyl Iodide	2.51	142	22403	17.390	ug/l	100
11) Tert butyl alcohol	3.07	59	38627	100.066	ug/l	99
12) 1,1-Dichloroethene	2.37	96	19123	18.458	ug/l	83
13) Acrolein	2.29	56	25171	145.437	ug/l	98
14) Allyl chloride	2.73	41	45351	19.599	ug/l	97
15) Acrylonitrile	3.14	53	83316	104.148	ug/l	100
16) Acetone	2.45	43	71270	98.231	ug/l #	87
17) Carbon Disulfide	2.57	76	57665	18.660	ug/l	97
18) Methyl Acetate	2.78	43	43665	21.615	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	72389	20.472	ug/l	100
20) Methylene Chloride	2.86	84	24950	20.935	ug/l	82
21) trans-1,2-Dichloroethene	3.17	96	21379	19.564	ug/l	93
22) Diisopropyl ether	3.87	45	83767	20.666	ug/l #	92
23) Vinyl Acetate	3.82	43	340890	98.085	ug/l	98
24) 1,1-Dichloroethane	3.70	63	42997	19.882	ug/l	97
25) 2-Butanone	4.70	43	111689	97.916	ug/l	94
26) 2,2-Dichloropropane	4.58	77	29178	18.393	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	24751	20.513	ug/l	99
28) Bromochloromethane	5.02	49	21035	21.764	ug/l	94
29) Tetrahydrofuran	5.15	42	75495	103.081	ug/l	98
30) Chloroform	5.21	83	45224	21.676	ug/l	89
31) Cyclohexane	5.57	56	34180	18.208	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	34420	19.779	ug/l	98
36) 1,1-Dichloropropene	5.80	75	28644	18.249	ug/l	96
37) Ethyl Acetate	4.85	43	42154	20.423	ug/l	99
38) Carbon Tetrachloride	5.78	117	28195	17.943	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	29350	18.449	ug/l	91
40) Benzene	6.14	78	88462	19.333	ug/l	95
41) Methacrylonitrile	5.06	41	24262	21.753	ug/l	96
42) 1,2-Dichloroethane	6.20	62	32792	20.008	ug/l	99
43) Isopropyl Acetate	6.45	43	57964	19.380	ug/l	99
44) Trichloroethene	7.21	130	21487	18.491	ug/l	99
45) 1,2-Dichloropropane	7.52	63	22284	20.064	ug/l	99
46) Dibromomethane	7.66	93	14583	20.925	ug/l	99
47) Bromodichloromethane	7.90	83	27236	20.679	ug/l	98
48) Methyl methacrylate	7.77	41	28192	20.992	ug/l	99
49) 1,4-Dioxane	7.75	88	12105	418.297	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	193562	102.687	ug/l	100
52) Toluene	8.79	92	49500	19.356	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	28658	18.438	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	31703	20.012	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	21569	18.924	ug/l	99
56) Ethyl methacrylate	9.18	69	31962	18.742	ug/l	100
57) 1,3-Dichloropropane	9.37	76	35835	18.709	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	93911	105.993	ug/l	99
59) 2-Hexanone	9.49	43	150418	90.531	ug/l	99
60) Dibromochloromethane	9.59	129	21313	17.303	ug/l	100
61) 1,2-Dibromoethane	9.67	107	21998	17.455	ug/l	99
64) Tetrachloroethene	9.34	164	22602	18.294	ug/l	98
65) Chlorobenzene	10.14	112	56224	19.341	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	20465	20.249	ug/l	98
67) Ethyl Benzene	10.25	91	93473	20.052	ug/l	100
68) m/p-Xylenes	10.36	106	72214	40.614	ug/l	99
69) o-Xylene	10.70	106	34945	21.917	ug/l	99
70) Styrene	10.71	104	57823	21.984	ug/l	99
71) Bromoform	10.86	173	17763	20.966	ug/l	# 97
73) Isopropylbenzene	11.02	105	95990	21.115	ug/l	99
74) N-amyl acetate	10.90	43	46934	19.191	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	34366	20.596	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	40701	25.427	ug/l	84
77) Bromobenzene	11.26	156	25575	19.960	ug/l	99
78) n-propylbenzene	11.36	91	107916	20.142	ug/l	100
79) 2-Chlorotoluene	11.42	91	66019	20.387	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	80231	20.768	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	9338	18.593	ug/l	94
82) 4-Chlorotoluene	11.51	91	78291	20.514	ug/l	99
83) tert-Butylbenzene	11.77	119	78909	20.190	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	83169	19.435	ug/l	100
85) sec-Butylbenzene	11.94	105	94370	19.746	ug/l	100
86) p-Isopropyltoluene	12.07	119	83892	19.817	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	46757	19.014	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	46977	18.661	ug/l	97
89) n-Butylbenzene	12.39	91	70281	17.913	ug/l	99
90) Hexachloroethane	12.60	117	13822	19.556	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	47344	19.219	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8197	20.131	ug/l	98

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	33184	19.135	ug/l	100
94) Hexachlorobutadiene	13.78	225	15869	17.420	ug/l	98
95) Naphthalene	13.83	128	103676	19.077	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	34613	19.591	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

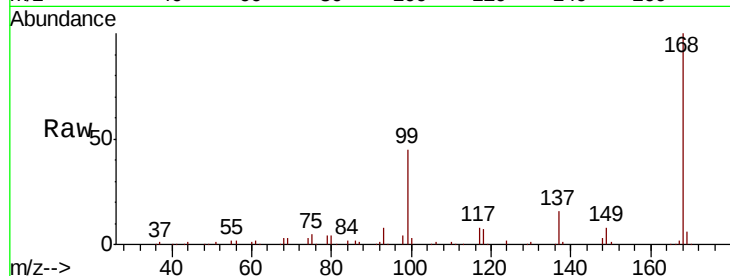
VX1114MBS02

Tot Ion:168 Resp: 117213

Ion Ratio Lower Upper

168 100

99 44.5 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

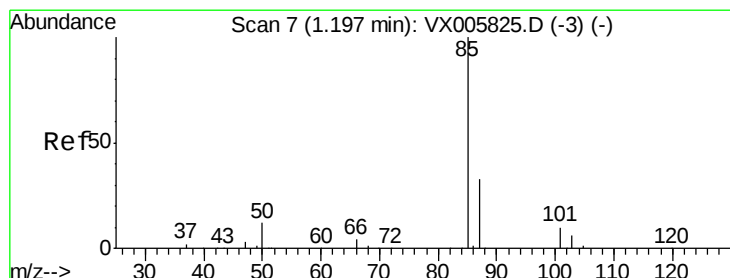
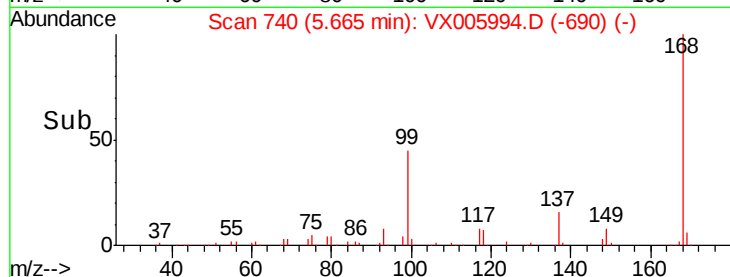
20000

10000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.113 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005994.D

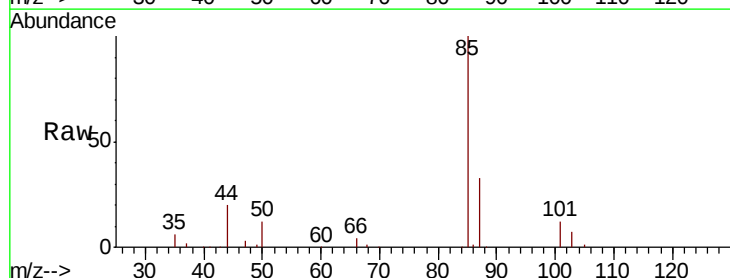
Acq: 15 Nov 2018 01:01

Tgt Ion: 85 Resp: 18085

Ion Ratio Lower Upper

85 100

87 32.8 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

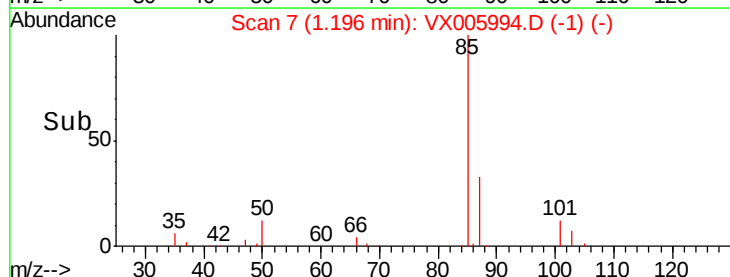
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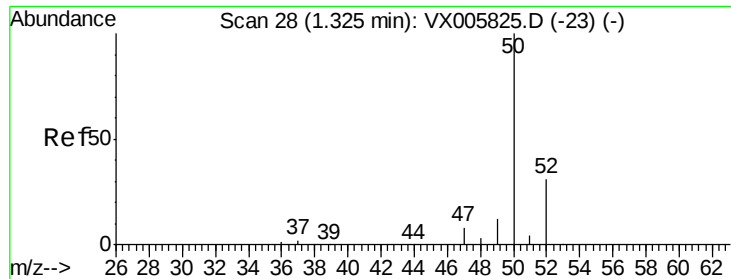
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.766 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

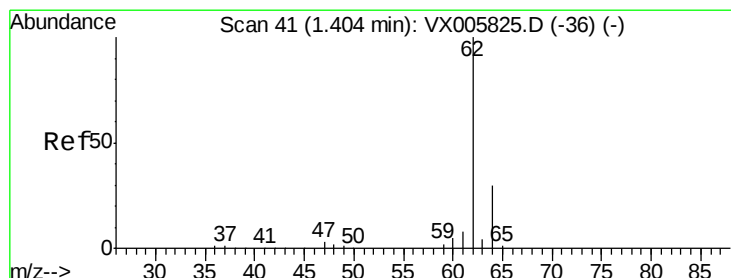
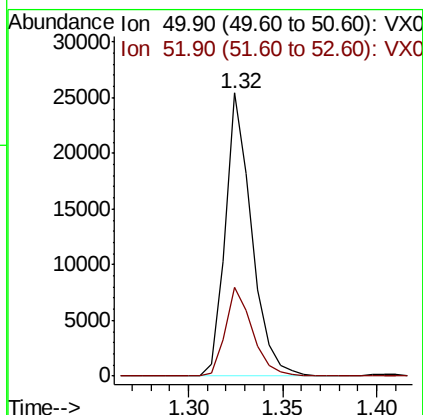
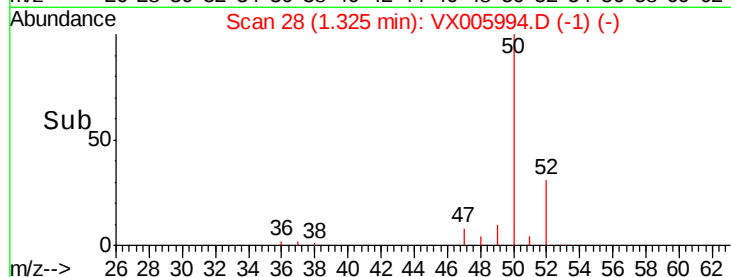
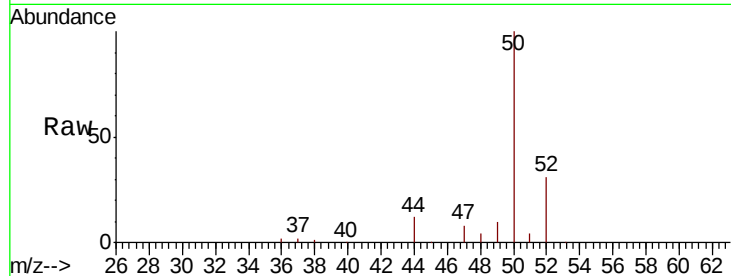
VX1114MBS02

Tot Ion: 50 Resp: 24640

Ion Ratio Lower Upper

50 100

52 31.4 26.2 39.2



#4

Vinyl Chloride

Concen: 18.167 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005994.D

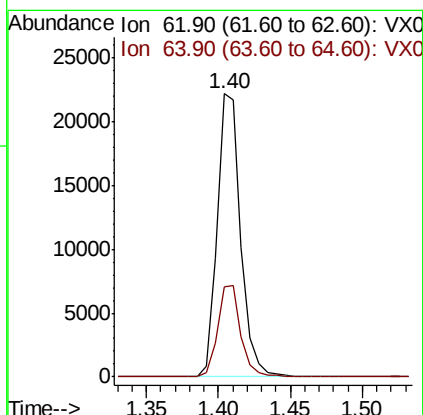
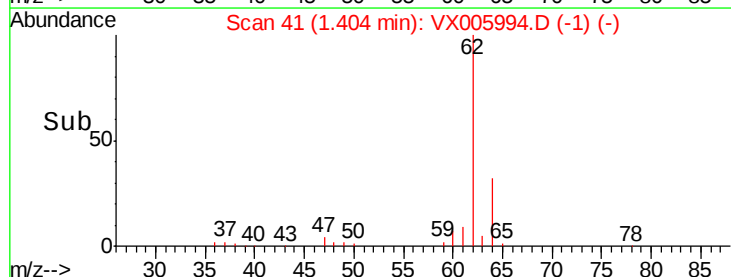
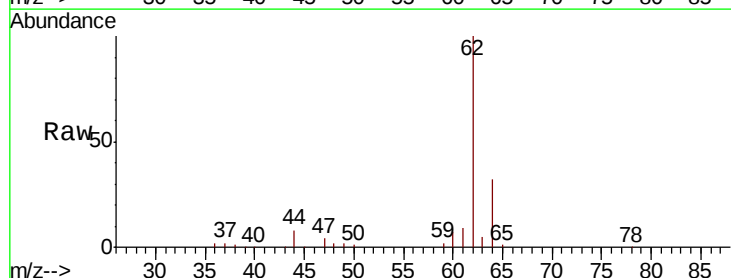
Acq: 15 Nov 2018 01:01

Tgt Ion: 62 Resp: 25295

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 18.858 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

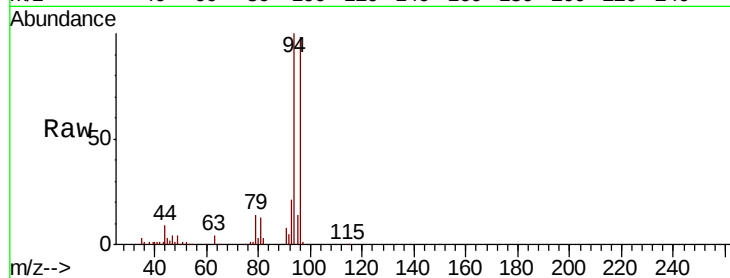
VX1114MBS02

Tot Ion: 94 Resp: 16068

Ion Ratio Lower Upper

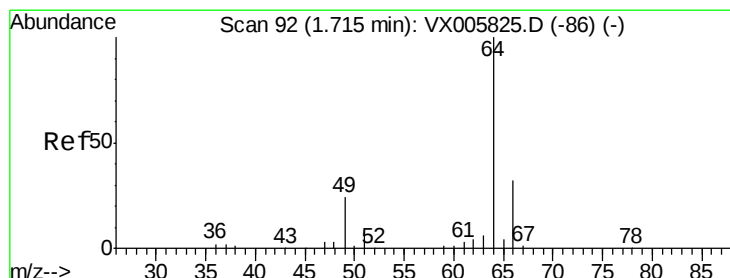
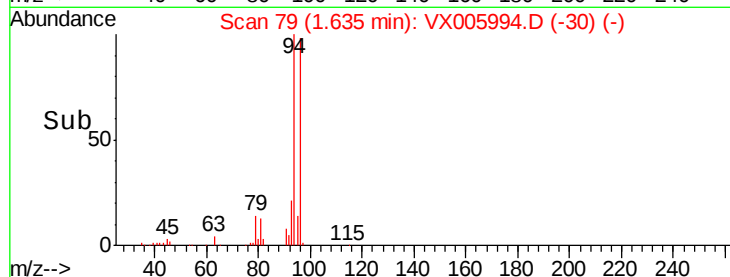
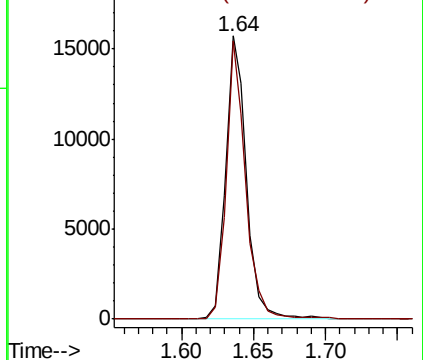
94 100

96 98.1 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: 19.806 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005994.D

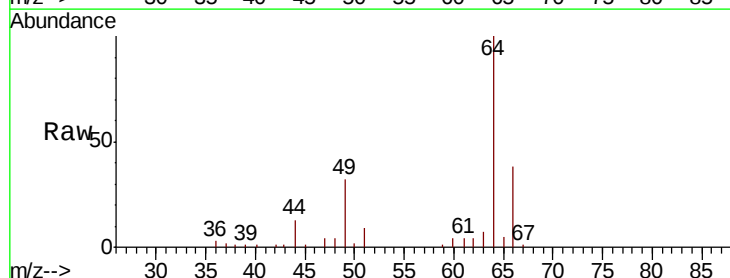
Acq: 15 Nov 2018 01:01

Tgt Ion: 64 Resp: 16454

Ion Ratio Lower Upper

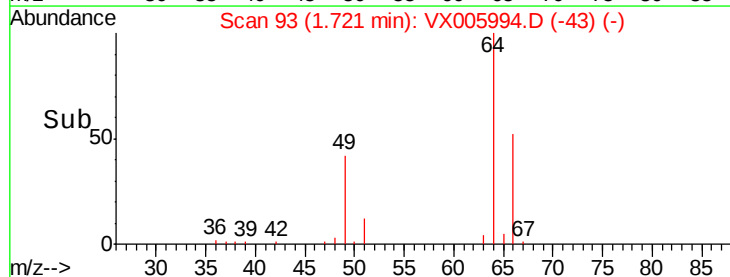
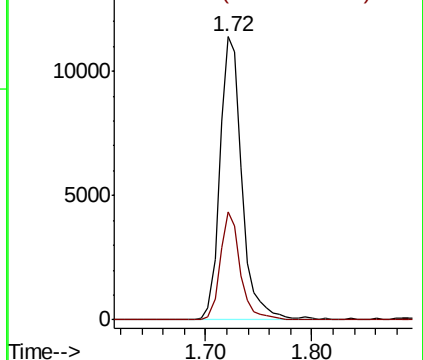
64 100

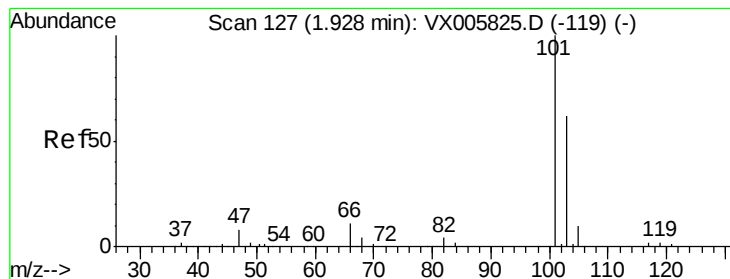
66 38.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



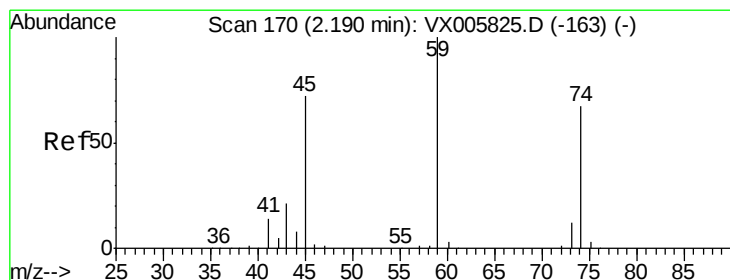
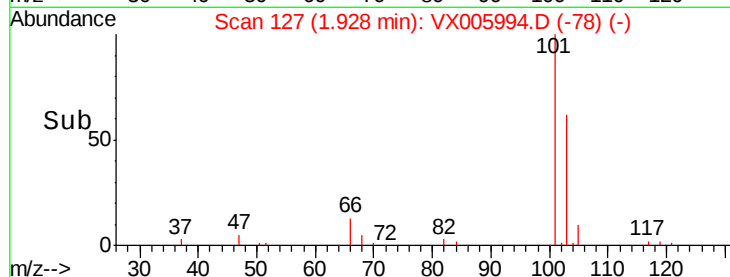
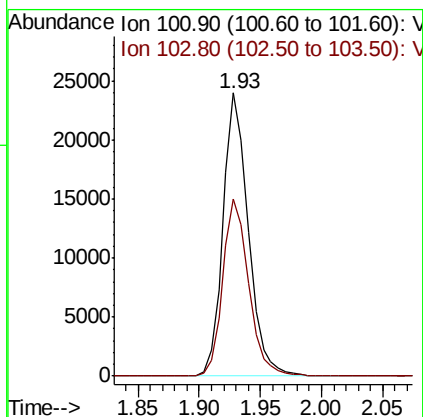
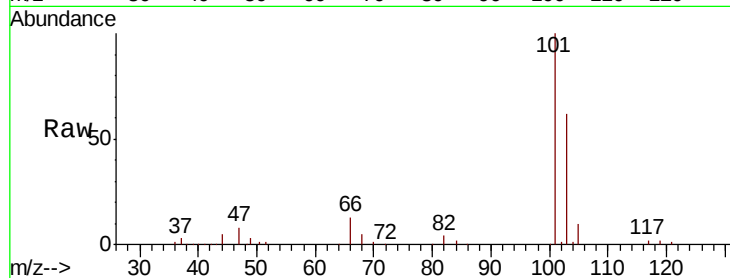


#7

Trichlorofluoromethane
 Concen: 18.581 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX005994.D
 Acq: 15 Nov 2018 01:01

Instrument :
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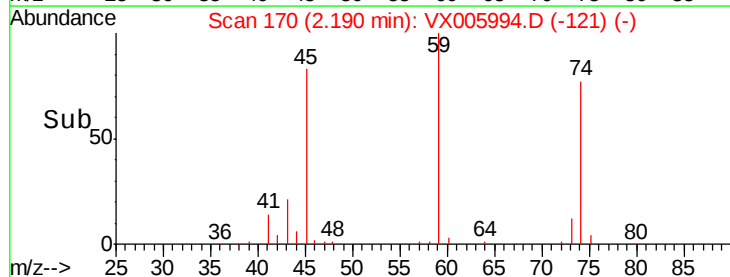
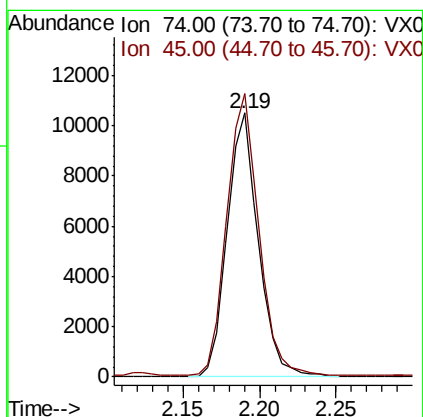
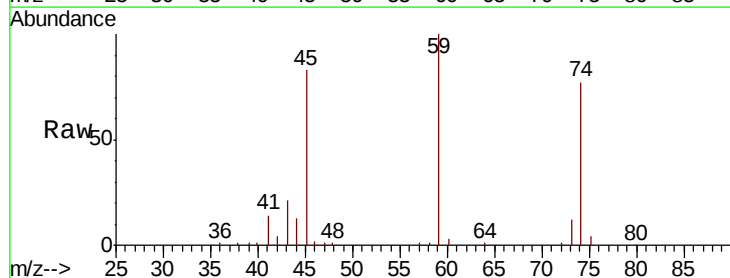
Tot Ion:101 Resp: 34341
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.0 75.0



#8

Diethyl Ether
 Concen: 20.473 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005994.D
 Acq: 15 Nov 2018 01:01

Tgt Ion: 74 Resp: 14826
 Ion Ratio Lower Upper
 74 100
 45 109.6 54.1 162.3

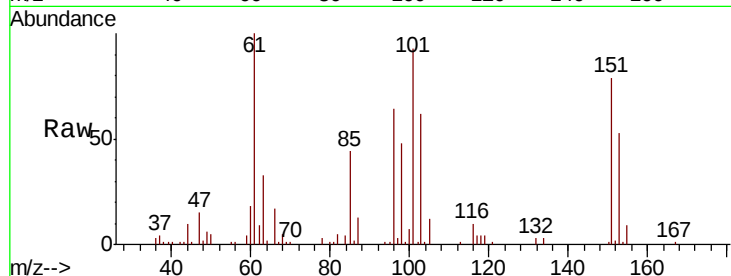




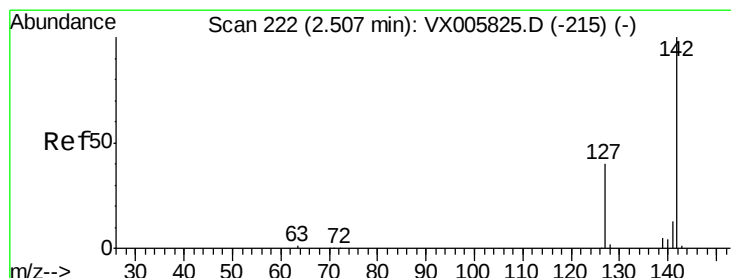
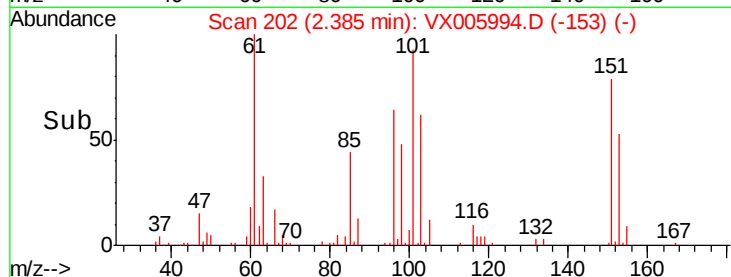
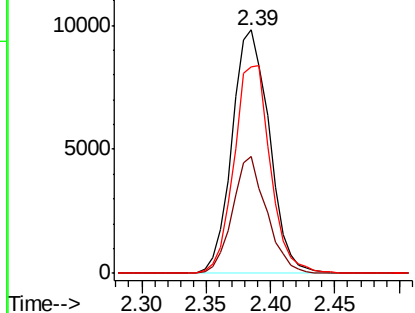
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.566 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX005994.D
 Acq: 15 Nov 2018 01:01

Instrument :
 MSVOA_X
 ClientSampled :
 VX1114MBS02

Tot Ion:101 Resp: 19735
 Ion Ratio Lower Upper
 101 100
 85 44.0 35.0 52.4
 151 83.3 66.2 99.2

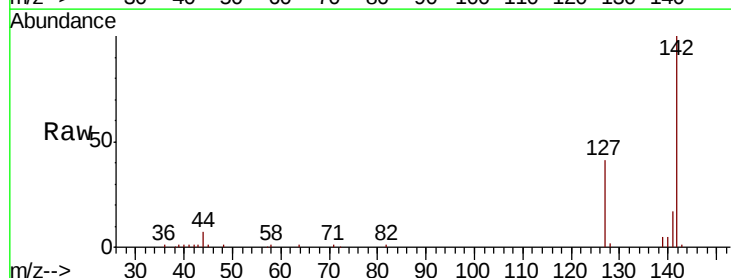


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

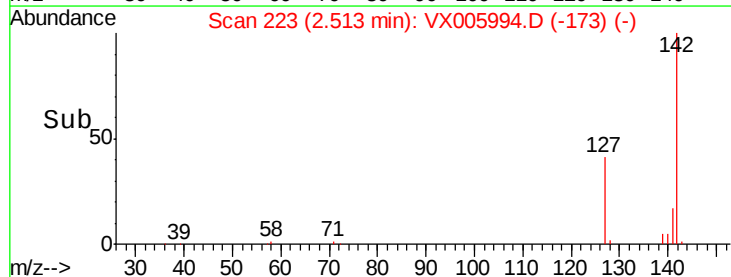
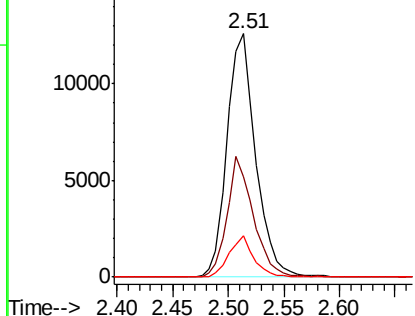


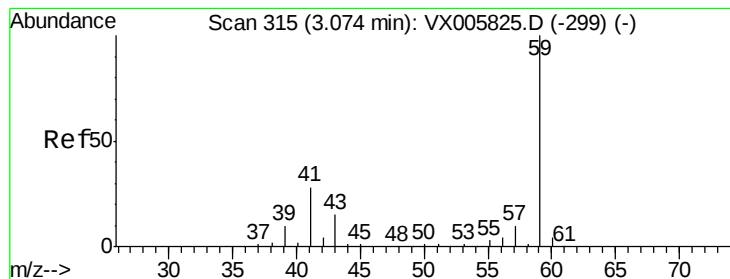
#10
 Methyl Iodide
 Concen: 17.390 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VX005994.D
 Acq: 15 Nov 2018 01:01

Tgt Ion:142 Resp: 22403
 Ion Ratio Lower Upper
 142 100
 127 45.1 36.0 54.0
 141 14.6 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



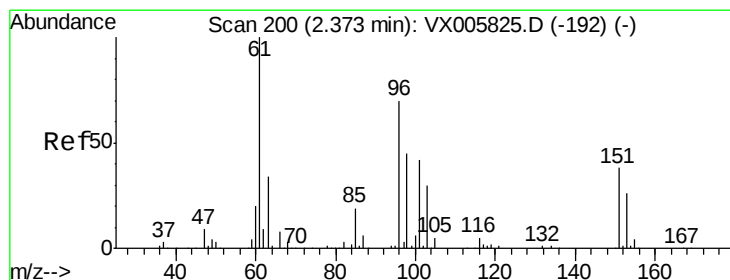
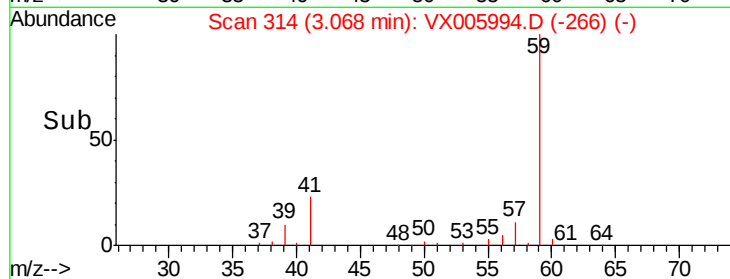
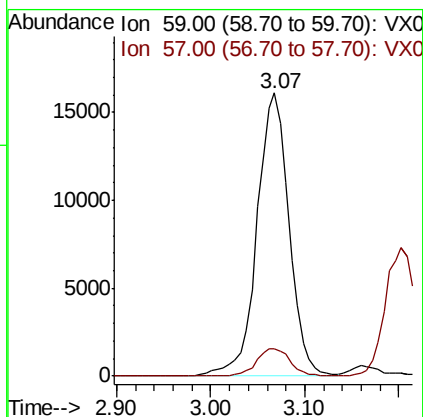
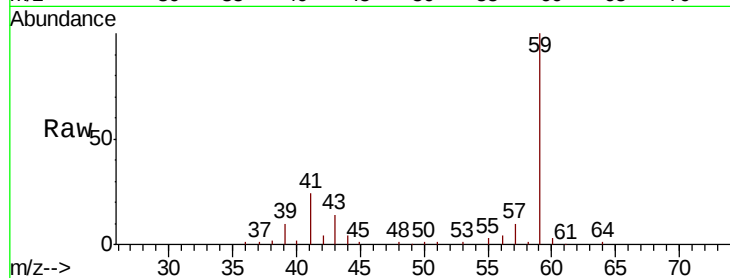


#11

Tert butyl alcohol
 Concen: 100.066 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005994.D
 Acq: 15 Nov 2018 01:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBS02

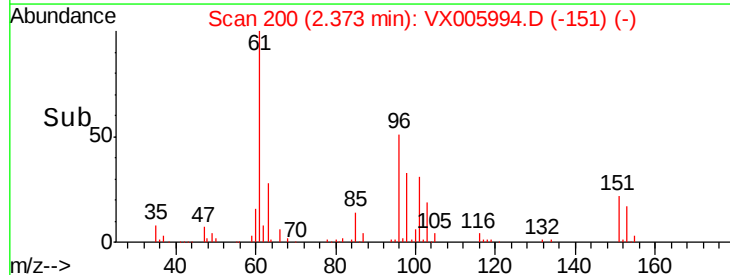
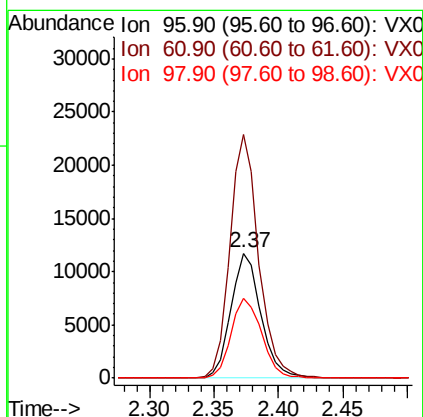
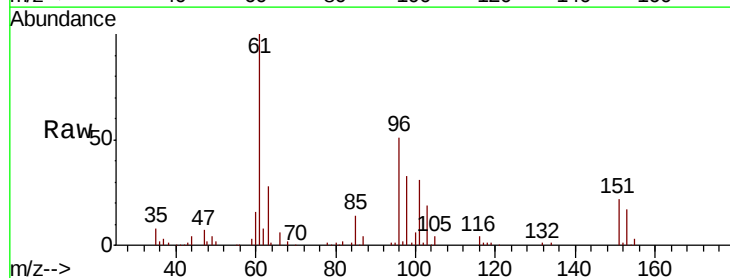
Tot Ion: 59 Resp: 38627
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.5 12.7

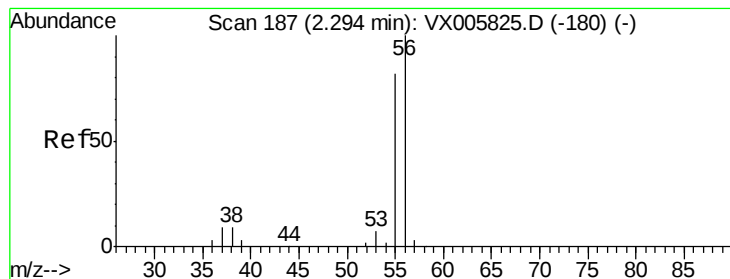


#12

1,1-Dichloroethene
 Concen: 18.458 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005994.D
 Acq: 15 Nov 2018 01:01

Tgt Ion: 96 Resp: 19123
 Ion Ratio Lower Upper
 96 100
 61 195.2 131.8 197.8
 98 64.2 53.4 80.2





#13

Acrolein

Concen: 145.437 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

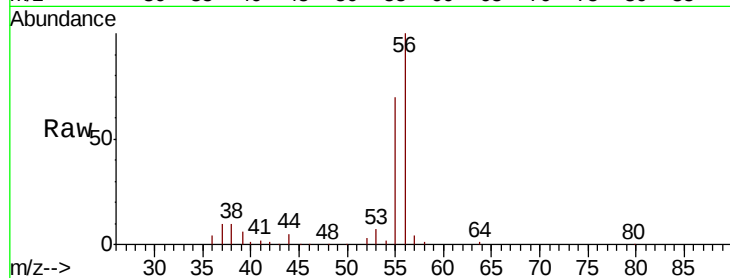
VX1114MBS02

Tot Ion: 56 Resp: 25171

Ion Ratio Lower Upper

56 100

55 72.9 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

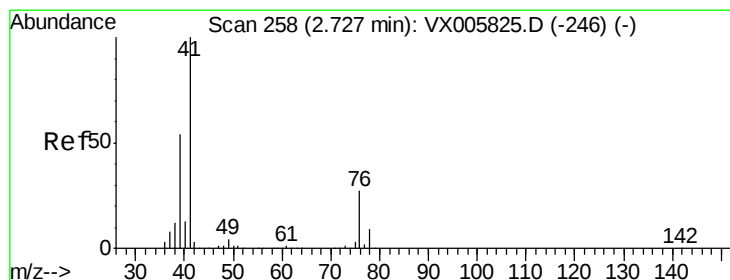
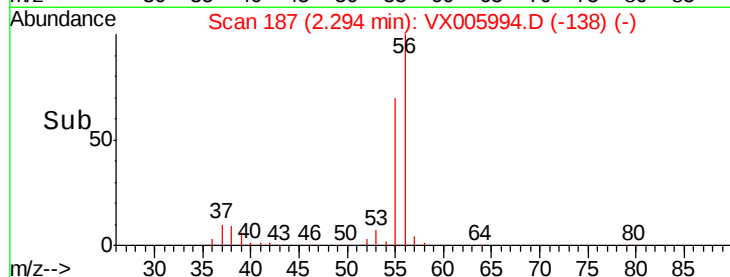
15000

10000

5000

0

Time--> 2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 19.599 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

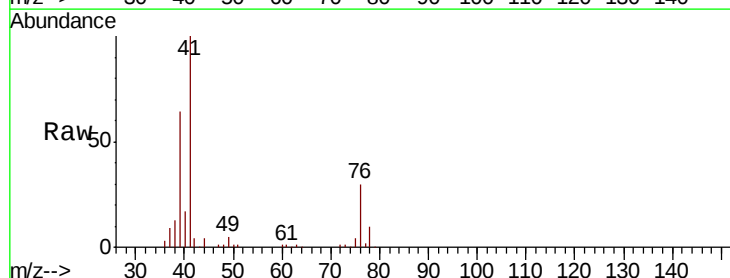
Tgt Ion: 41 Resp: 45351

Ion Ratio Lower Upper

41 100

39 57.5 48.2 72.4

76 27.3 21.9 32.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

50000

40000

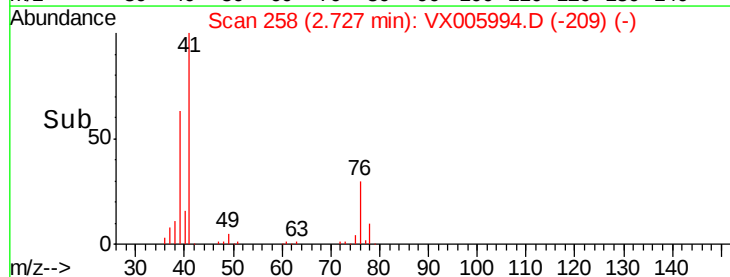
30000

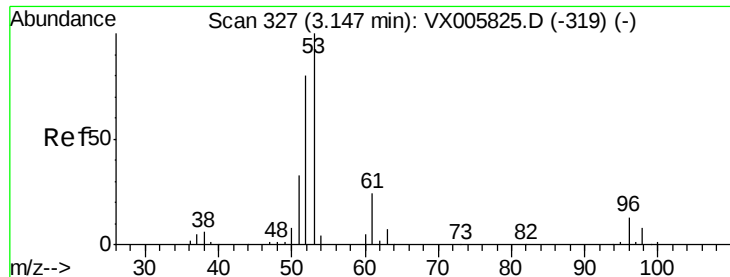
20000

10000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 104.148 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

VX1114MBS02

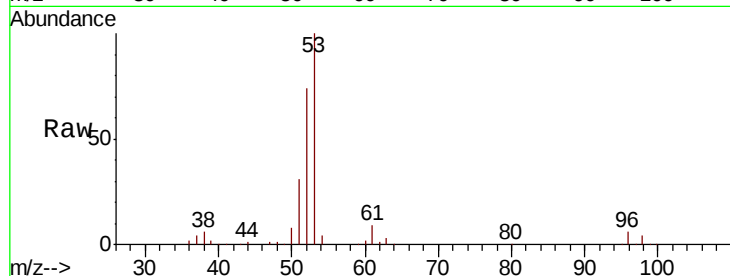
Tot Ion: 53 Resp: 83316

Ion Ratio Lower Upper

53 100

52 83.2 66.6 99.8

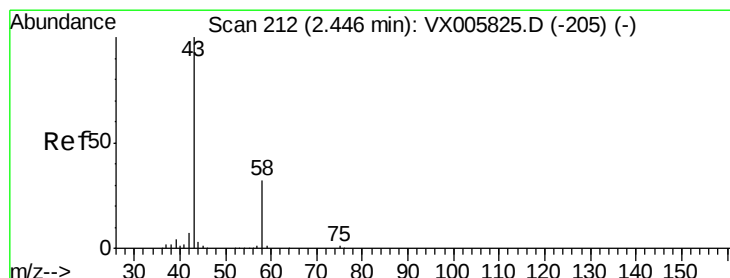
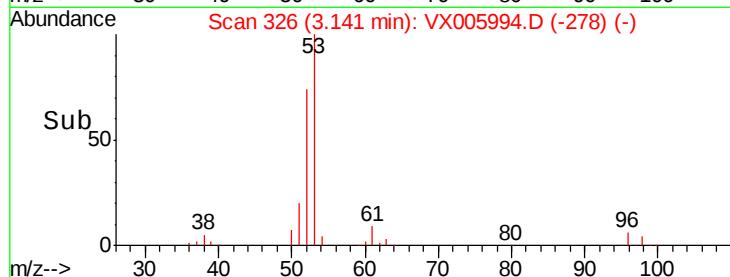
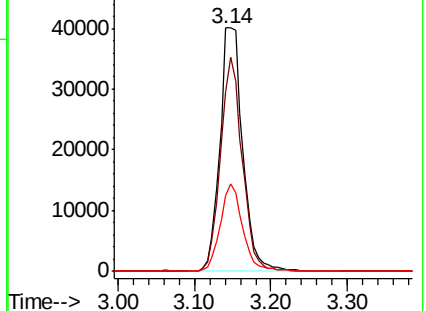
51 35.1 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 98.231 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005994.D

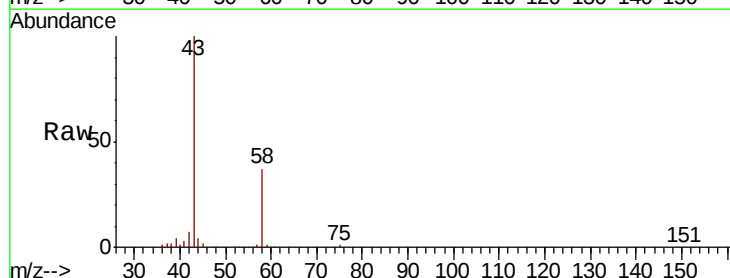
Acq: 15 Nov 2018 01:01

Tgt Ion: 43 Resp: 71270

Ion Ratio Lower Upper

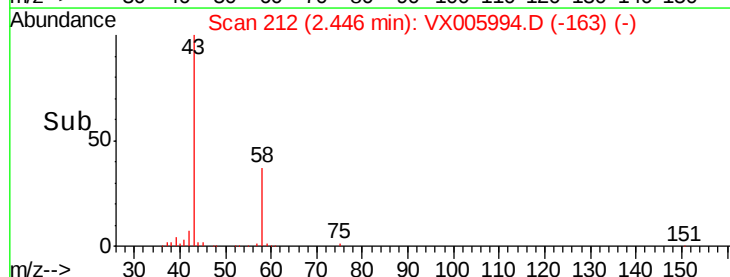
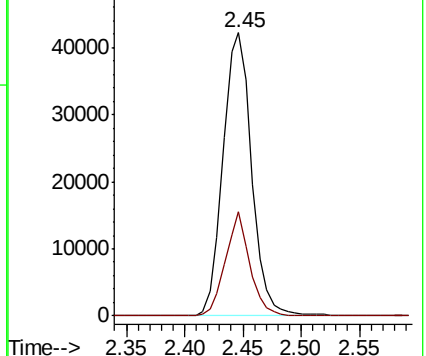
43 100

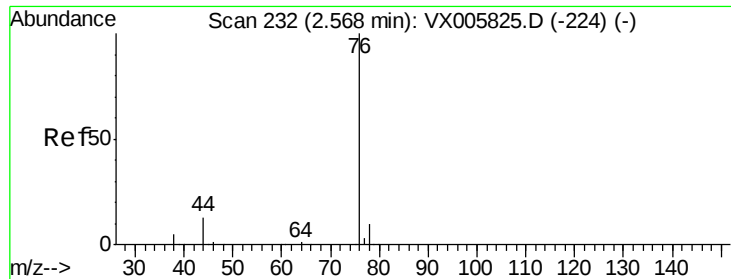
58 36.8 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

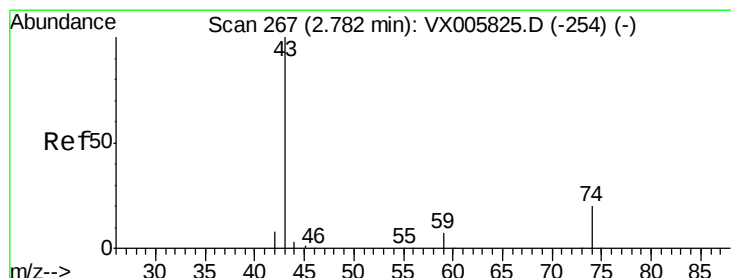
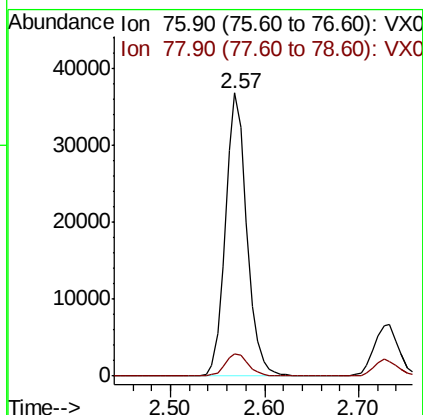
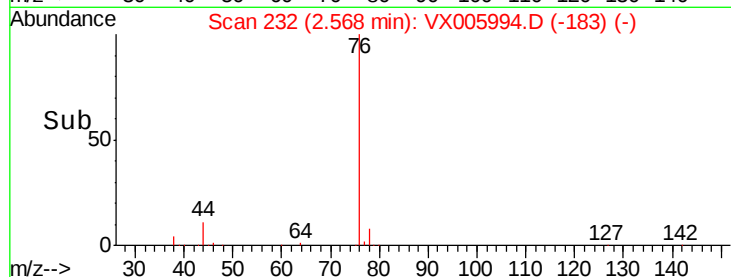
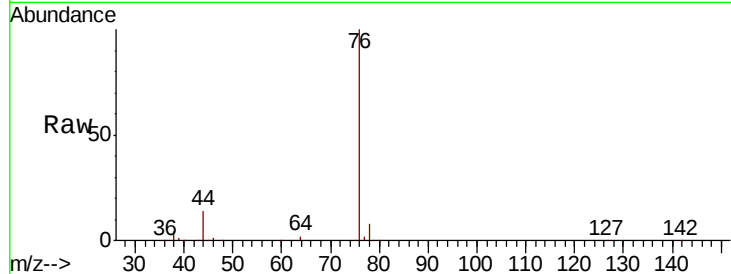




#17
Carbon Disulfide
Concen: 18.660 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

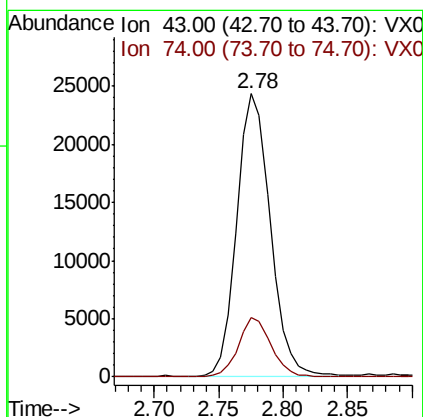
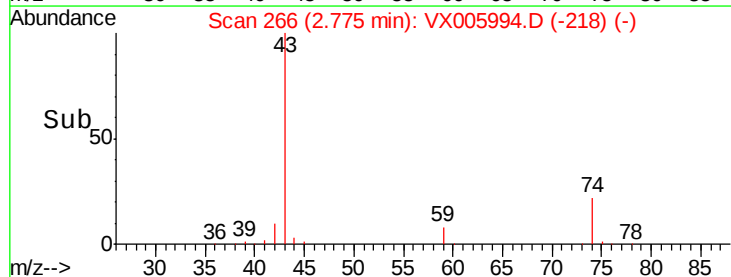
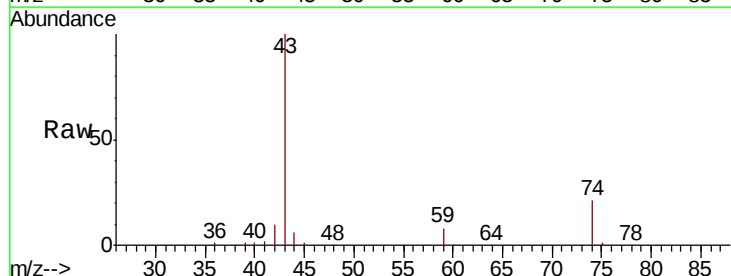
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBS02

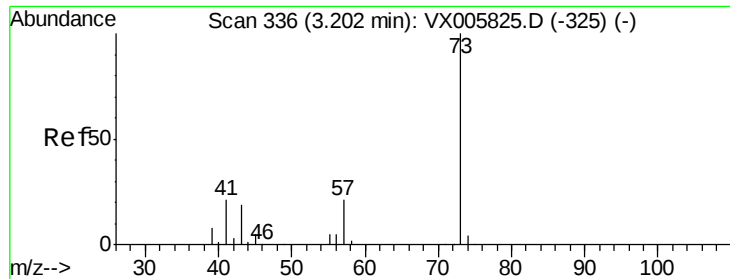
Tot Ion: 76 Resp: 57665
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9



#18
Methyl Acetate
Concen: 21.615 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Tgt Ion: 43 Resp: 43665
Ion Ratio Lower Upper
43 100
74 20.8 16.8 25.2

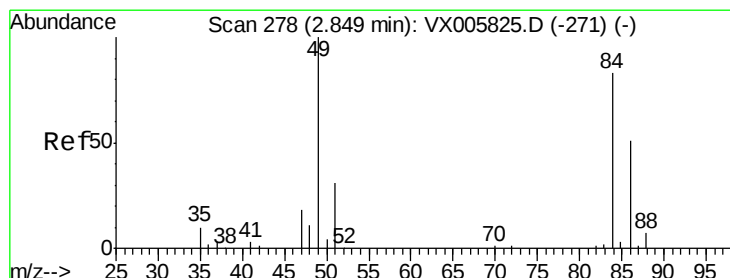
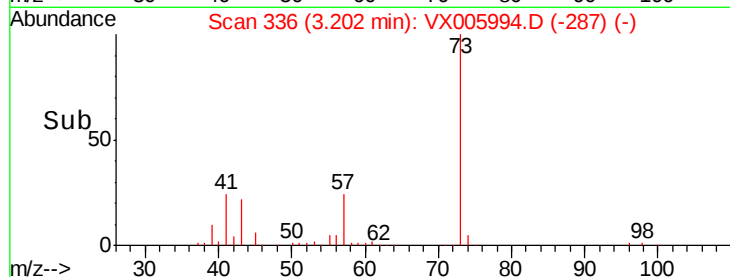
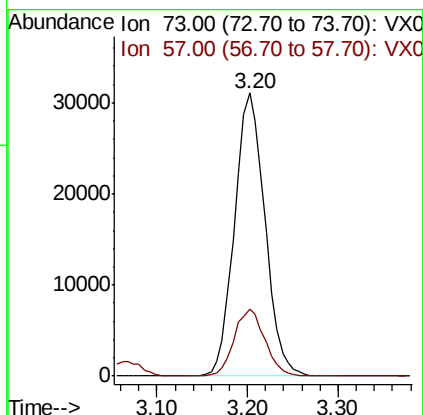
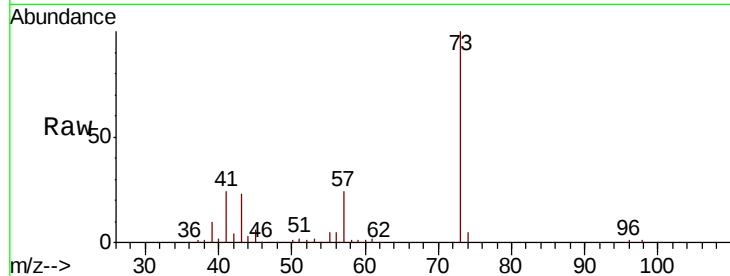




#19
Methvl tert-butvl Ether
Concen: 20.472 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

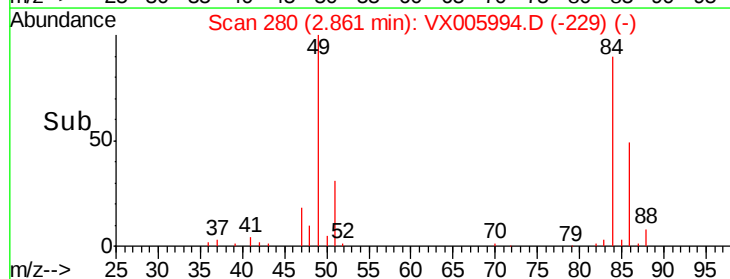
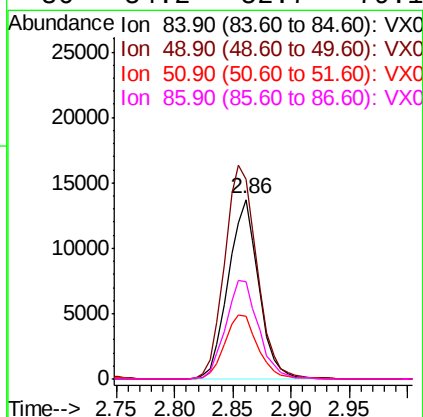
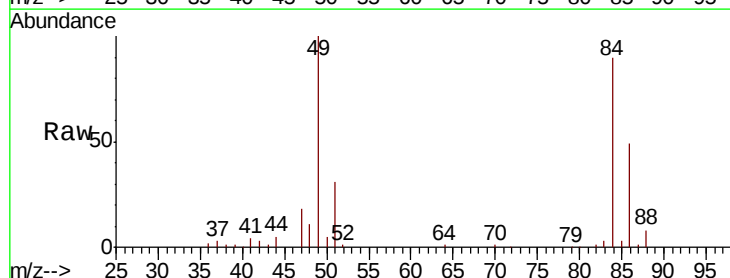
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBS02

Tot Ion: 73 Resp: 72389
Ion Ratio Lower Upper
73 100
57 23.6 18.8 28.2



#20
Methylene Chloride
Concen: 20.935 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Tgt Ion: 84 Resp: 24950
Ion Ratio Lower Upper
84 100
49 111.2 109.5 164.3
51 34.7 33.3 49.9
86 54.2 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 19.564 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

VX1114MBS02

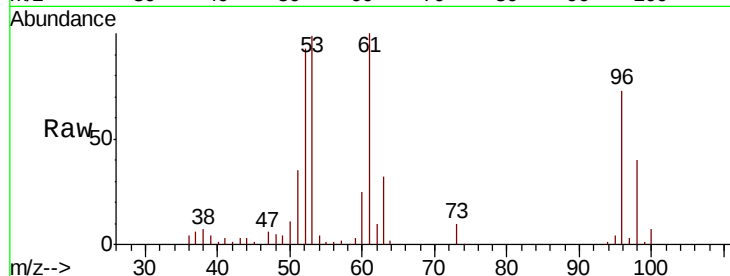
Tot Ion: 96 Resp: 21379

Ion Ratio Lower Upper

96 100

61 137.9 115.6 173.4

98 55.5 50.2 75.2

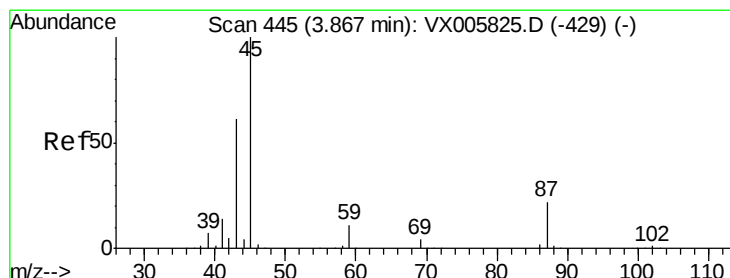
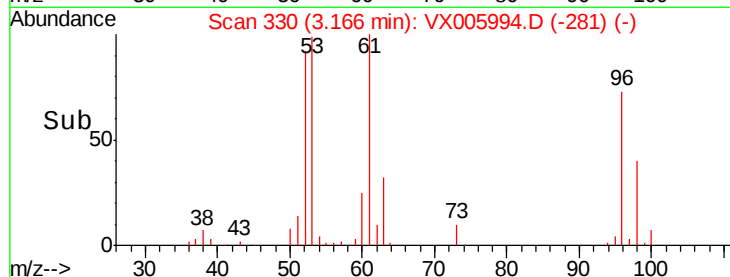
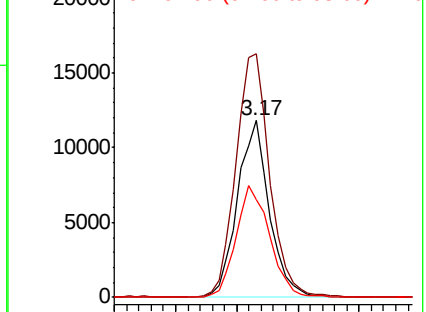


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.666 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Tgt Ion: 45 Resp: 83767

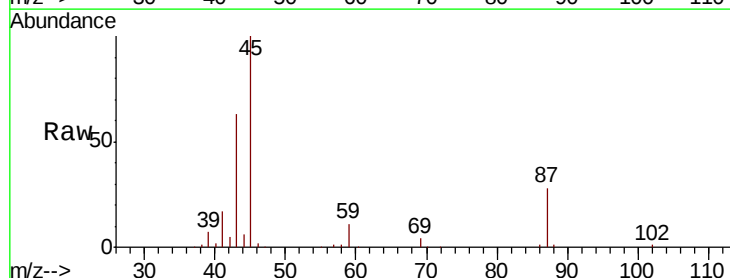
Ion Ratio Lower Upper

45 100

43 62.9 47.4 71.2

87 28.0 15.9 23.9#

59 10.8 7.7 11.5



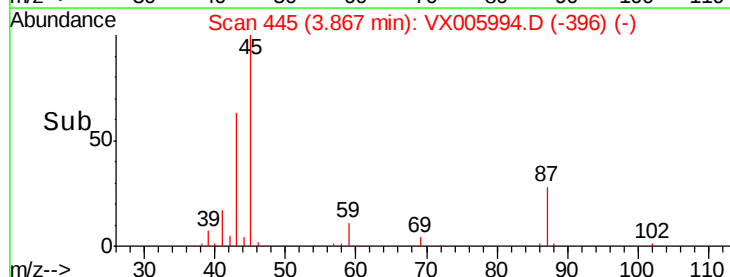
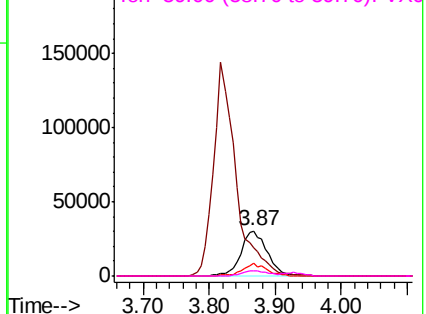
Abundance

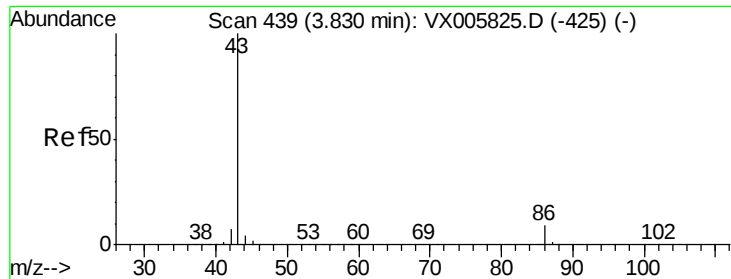
Ion 45.00 (44.70 to 45.70): VX0

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: 98.085 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

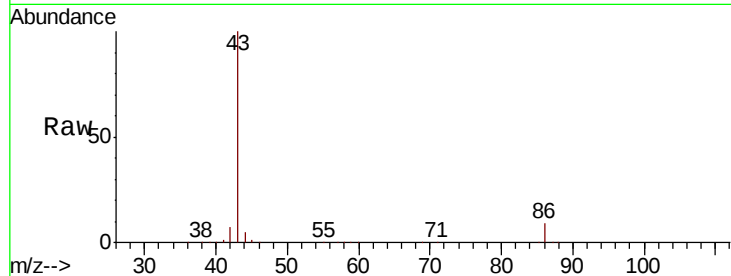
VX1114MBS02

Tot Ion: 43 Resp: 340890

Ion Ratio Lower Upper

43 100

86 8.7 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

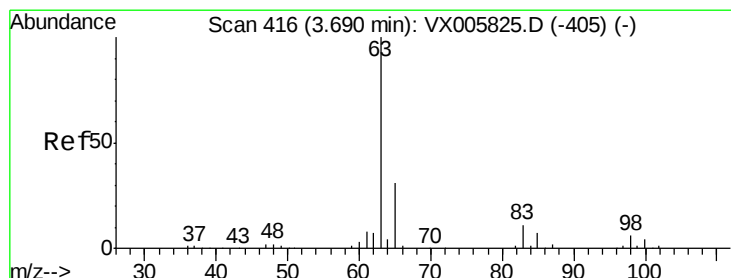
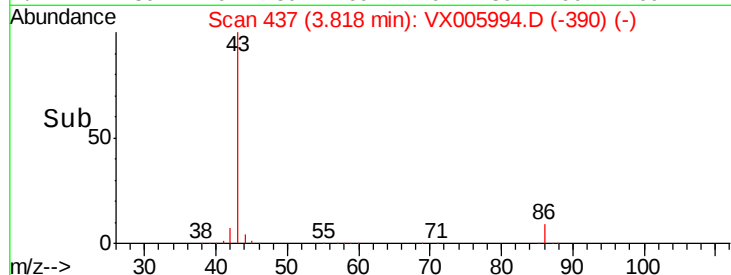
150000

100000

50000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 19.882 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

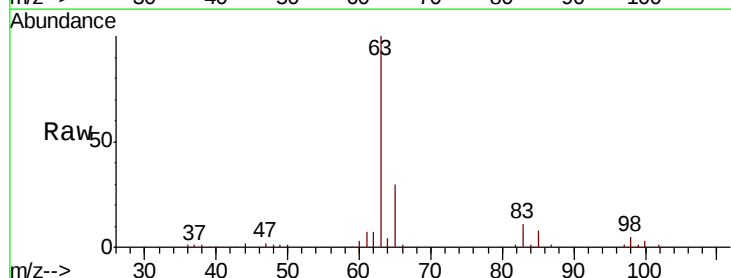
Tgt Ion: 63 Resp: 42997

Ion Ratio Lower Upper

63 100

98 5.2 3.2 9.6

100 3.4 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

25000

20000

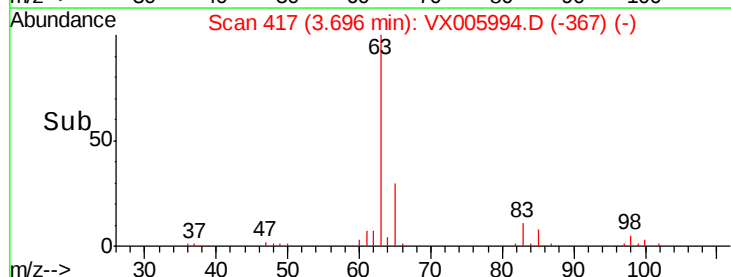
15000

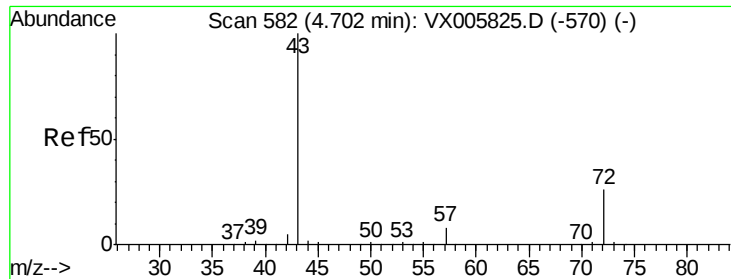
10000

5000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 97.916 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

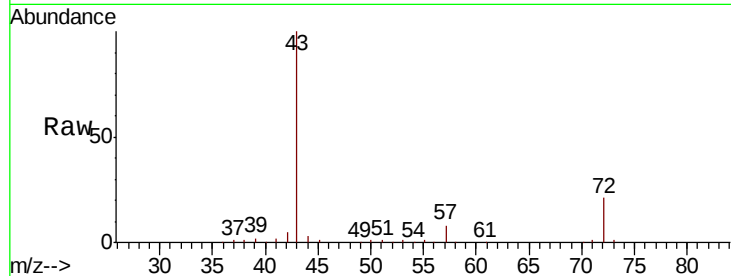
VX1114MBS02

Tot Ion: 43 Resp: 111689

Ion Ratio Lower Upper

43 100

72 21.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-570) (-)

Ion 72.00 (71.70 to 72.70): VX005825.D (-570) (-)

4.70

50000

40000

30000

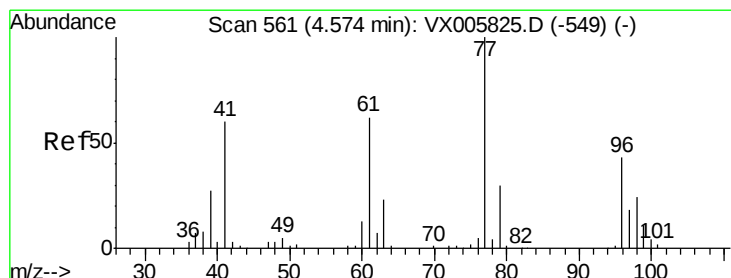
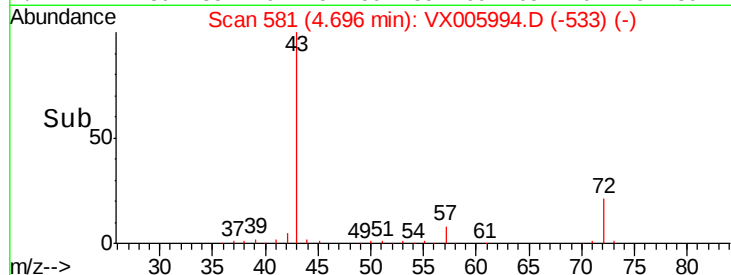
20000

10000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 18.393 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005994.D

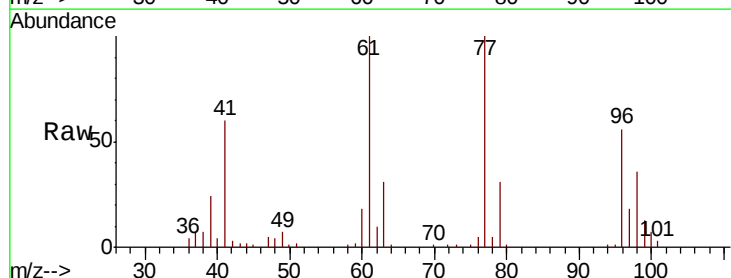
Acq: 15 Nov 2018 01:01

Tgt Ion: 77 Resp: 29178

Ion Ratio Lower Upper

77 100

97 21.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX005825.D (-549) (-)

Ion 96.90 (96.60 to 97.60): VX005825.D (-549) (-)

4.58

10000

8000

6000

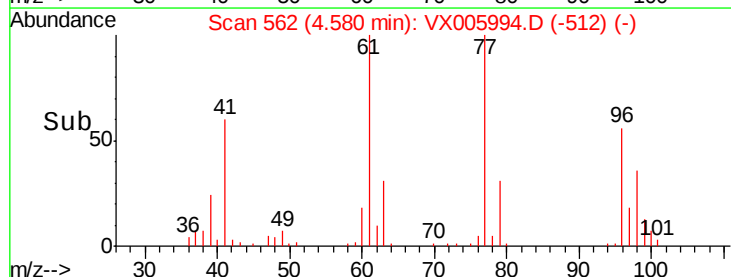
4000

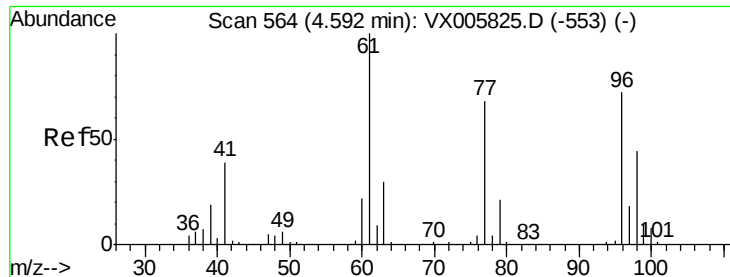
2000

0

Time-->

4.50 4.60 4.70



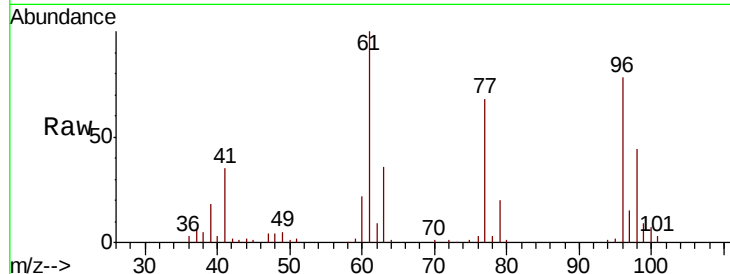


#27

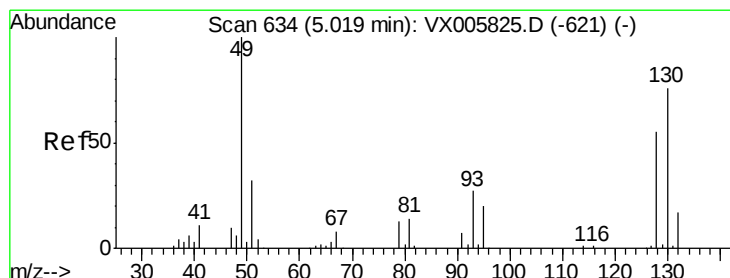
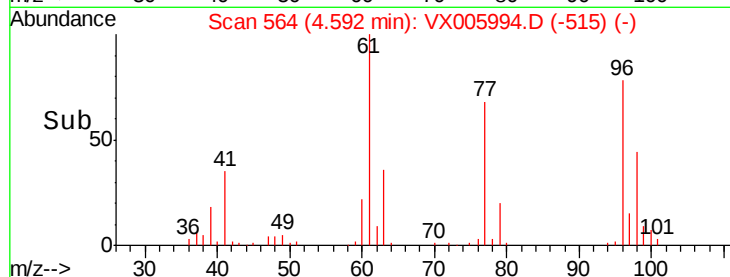
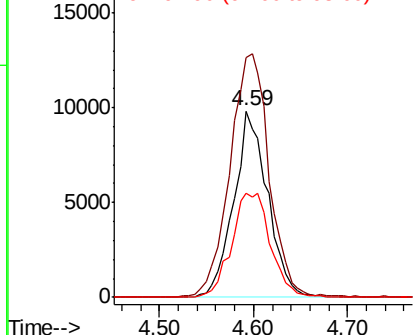
cis-1,2-Dichloroethene
Concen: 20.513 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Instrument :
MSVOA_X
ClientSampleId :
VX1114MBS02

Tot Ion: 96 Resp: 24751
Ion Ratio Lower Upper
96 100
61 150.8 0.0 304.6
98 63.5 0.0 127.4



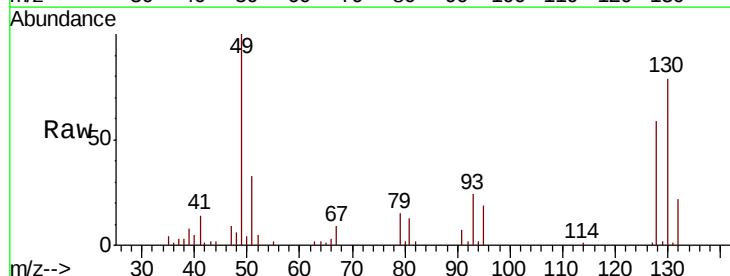
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



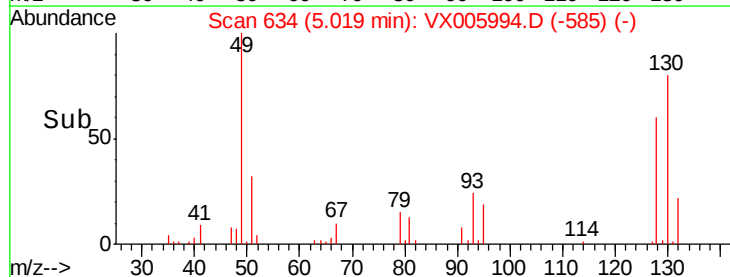
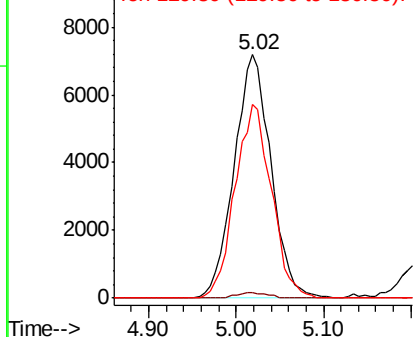
#28

Bromochloromethane
Concen: 21.764 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Tgt Ion: 49 Resp: 21035
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 78.4 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

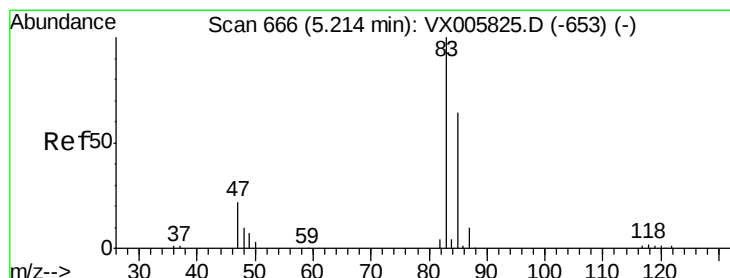
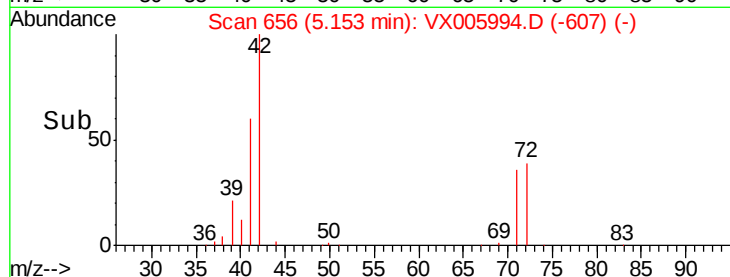
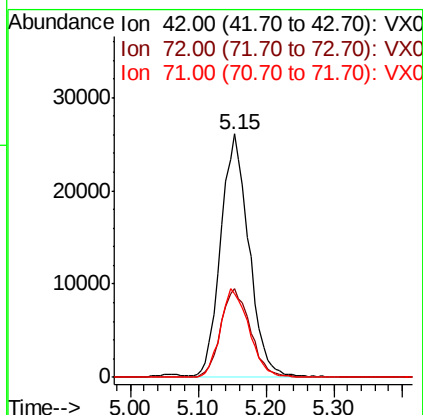
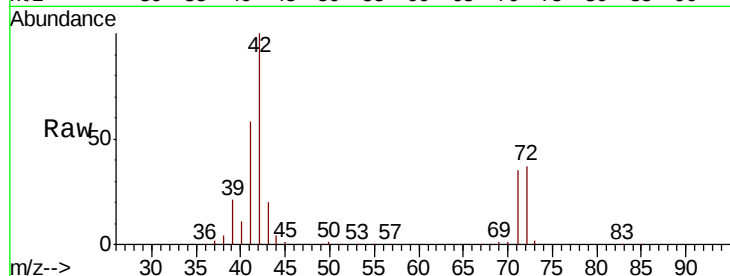




#29
Tetrahydrofuran
Concen: 103.081 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

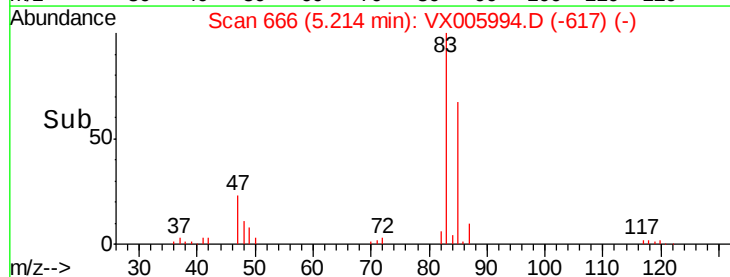
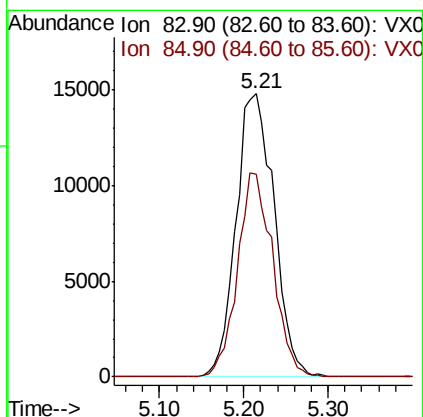
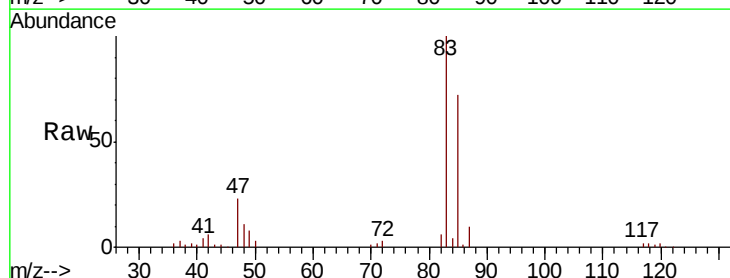
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBS02

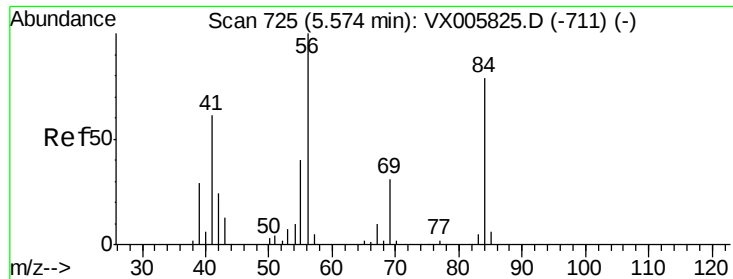
Tot Ion	Ratio	Lower	Upper
42	100		
72	38.0	32.0	48.0
71	36.6	29.8	44.8



#30
Chloroform
Concen: 21.676 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	71.8	50.6	76.0

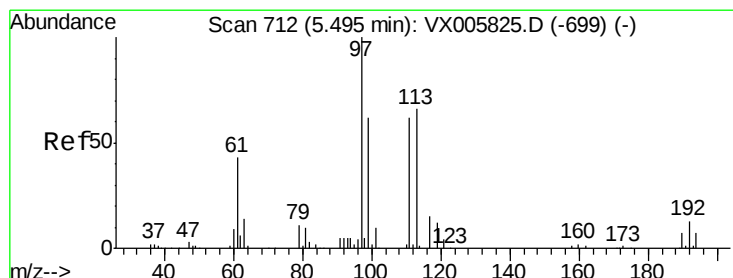
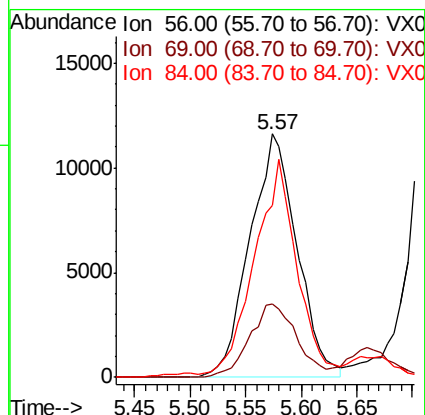
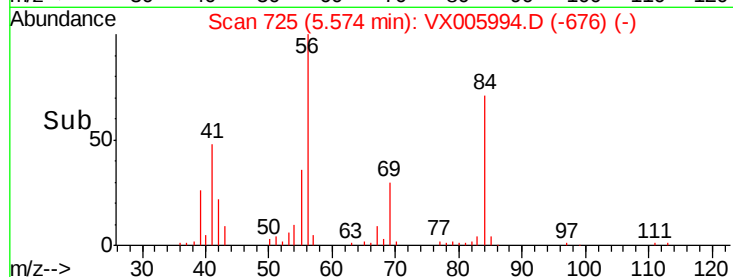
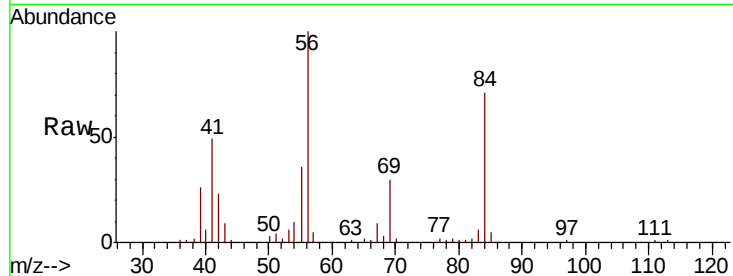




#31
Cyclohexane
Concen: 18.208 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

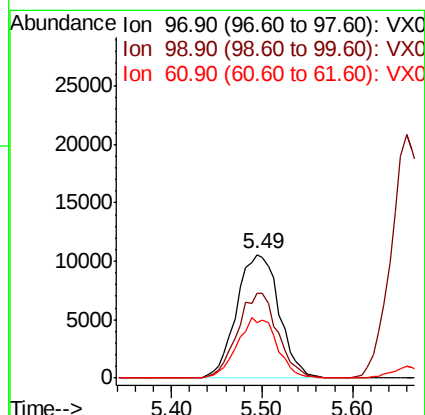
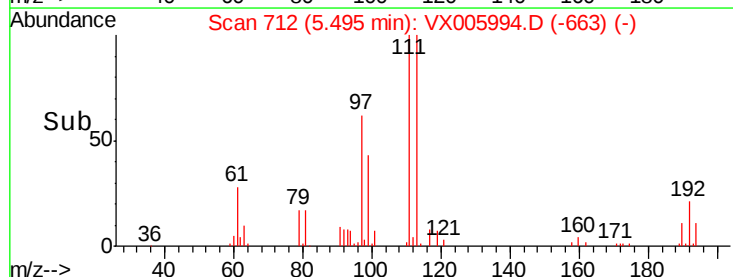
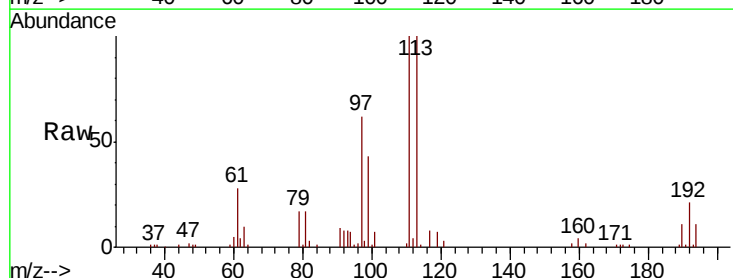
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBS02

Tot Ion: 56 Resp: 34180
Ion Ratio Lower Upper
56 100
69 30.3 22.6 34.0
84 69.0 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 19.779 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Tgt Ion: 97 Resp: 34420
Ion Ratio Lower Upper
97 100
99 64.8 52.3 78.5
61 45.7 35.2 52.8

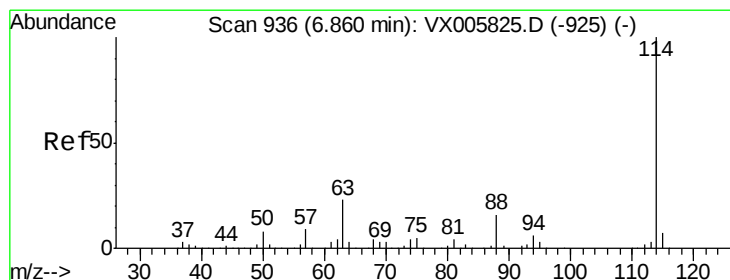
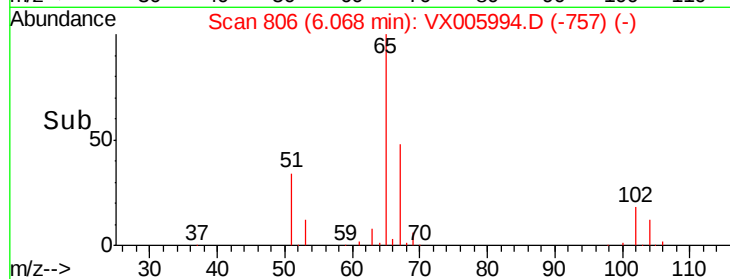
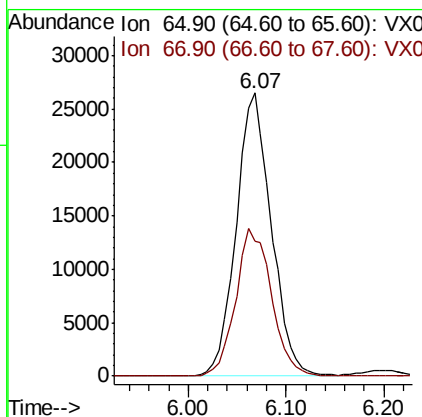
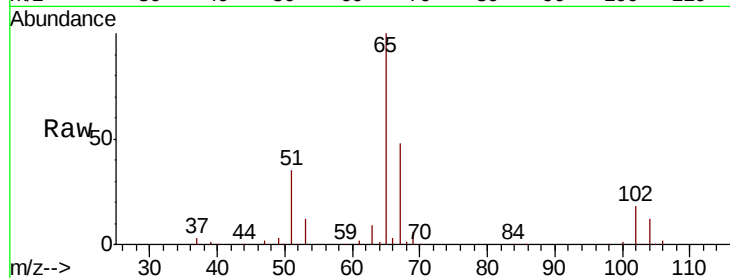




#33
 1,2-Dichloroethane-d4
 Concen: 48.897 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005994.D
 Acq: 15 Nov 2018 01:01

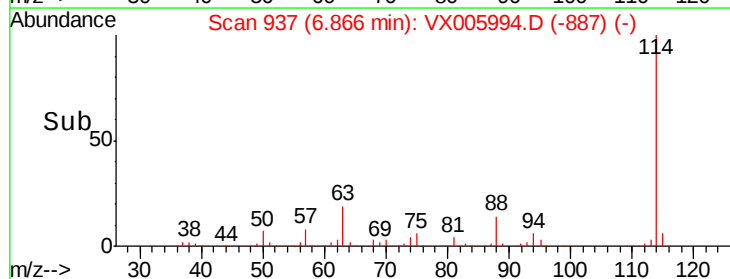
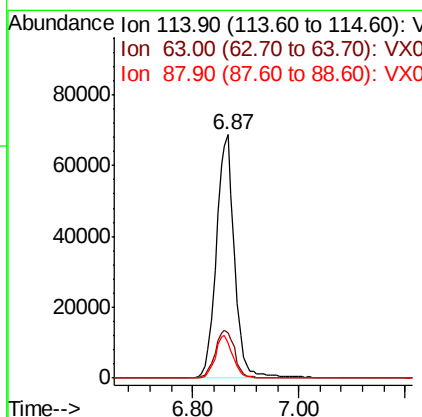
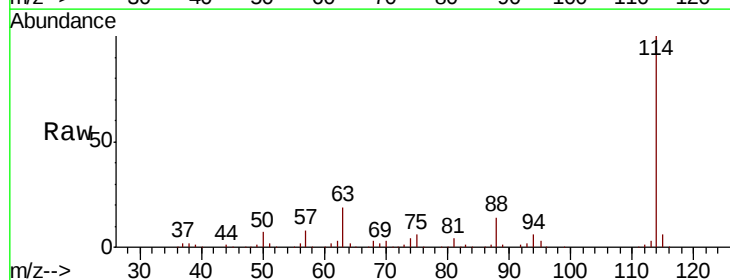
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBS02

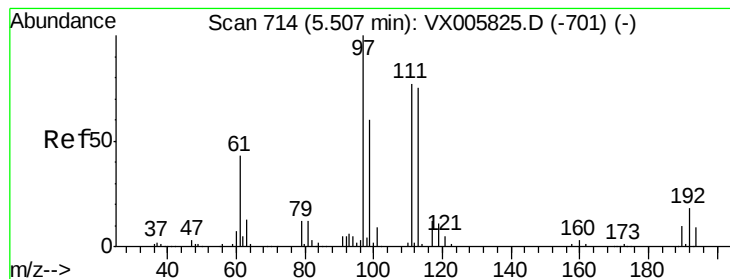
Tot Ion: 65 Resp: 65889
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005994.D
 Acq: 15 Nov 2018 01:01

Tgt Ion: 114 Resp: 162819
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 42.8
 88 14.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.830 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

VX1114MBS02

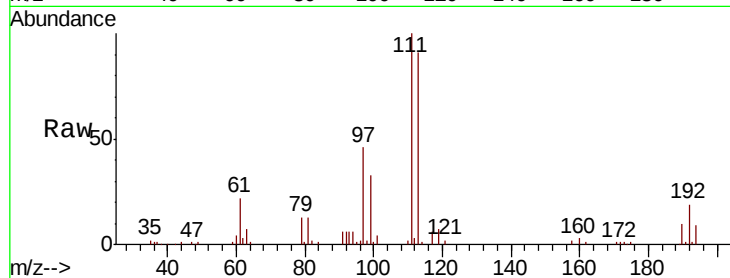
Tot Ion:113 Resp: 54075

Ion Ratio Lower Upper

113 100

111 103.8 82.3 123.5

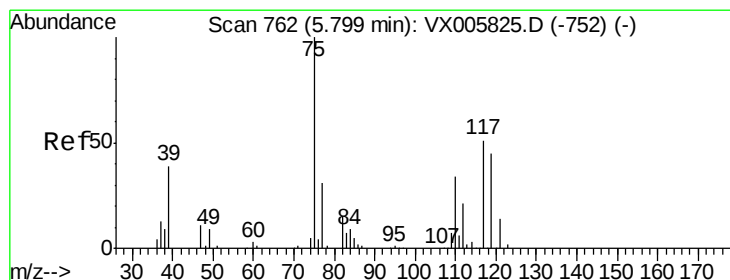
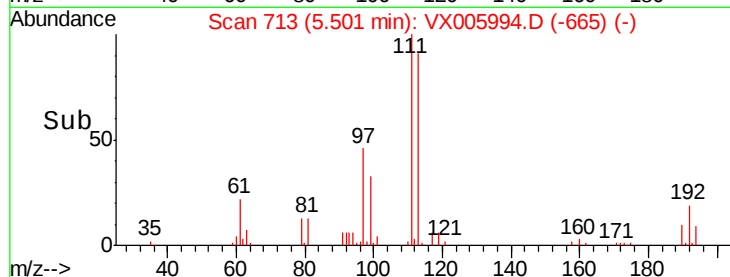
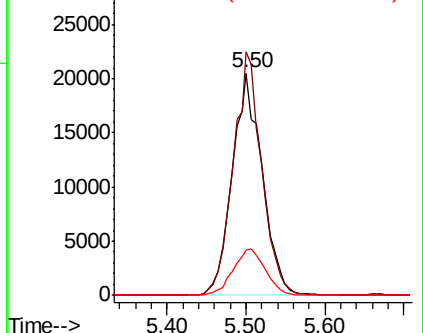
192 22.5 17.9 26.9



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: 18.249 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

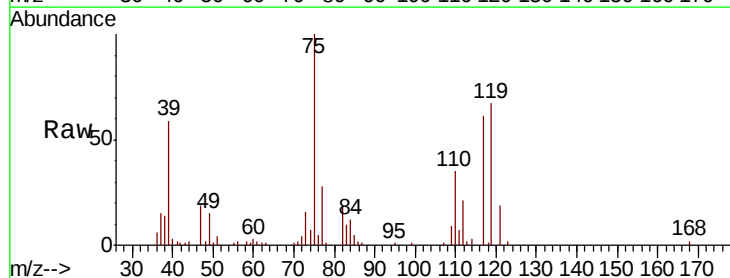
Tgt Ion: 75 Resp: 28644

Ion Ratio Lower Upper

75 100

110 37.2 17.4 52.2

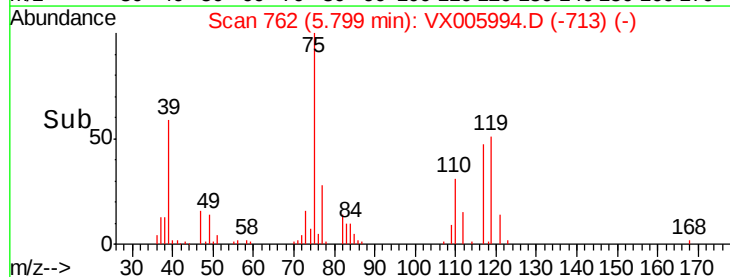
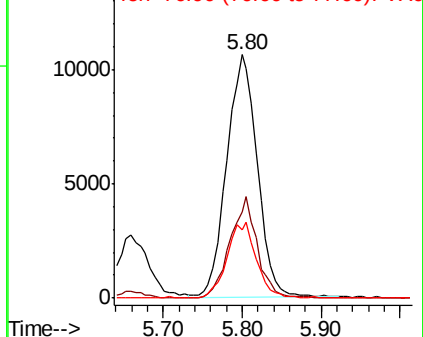
77 29.9 25.8 38.6

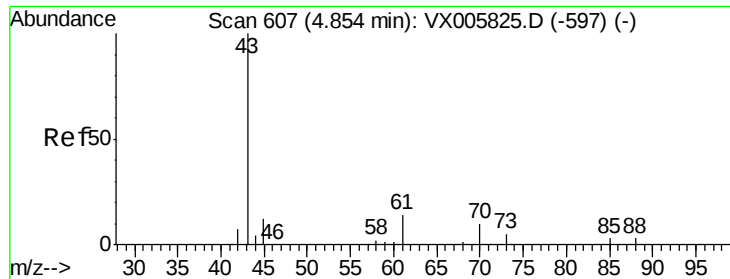


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

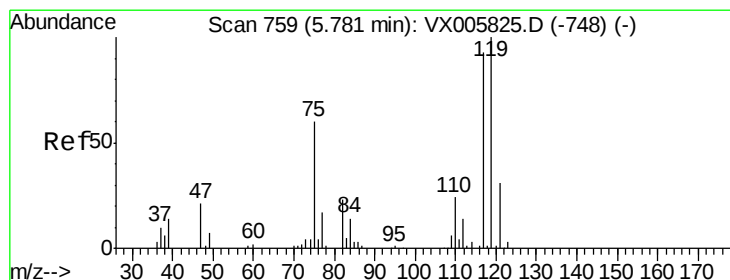
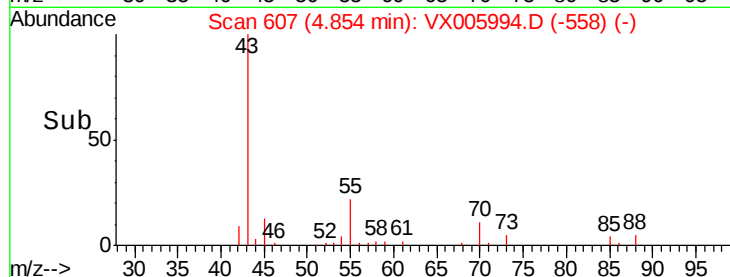
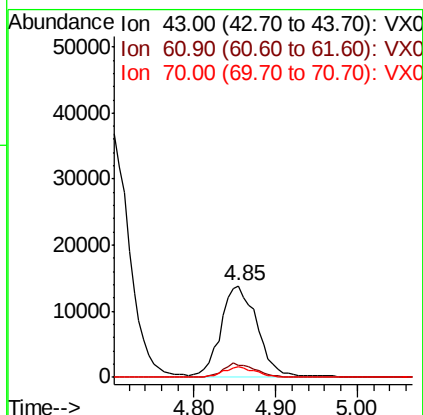
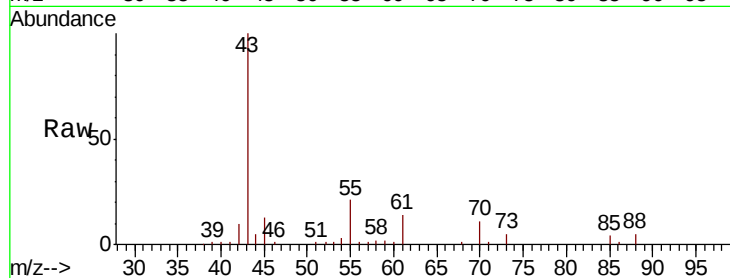




#37
Ethyl Acetate
Concen: 20.423 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

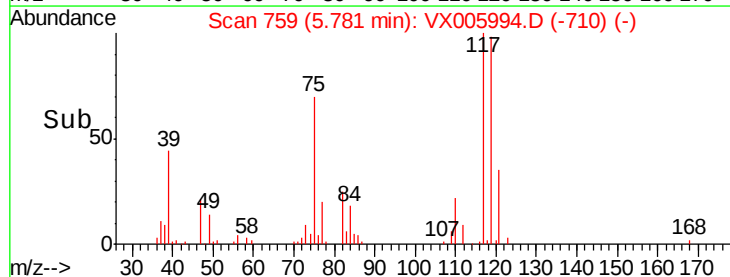
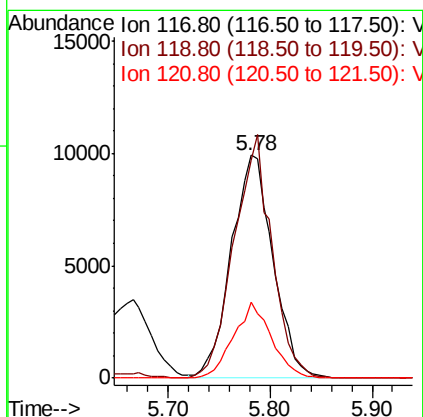
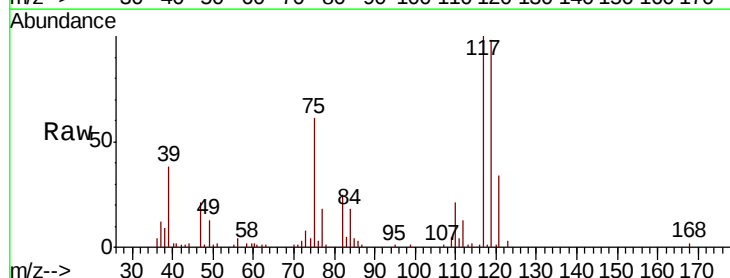
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBS02

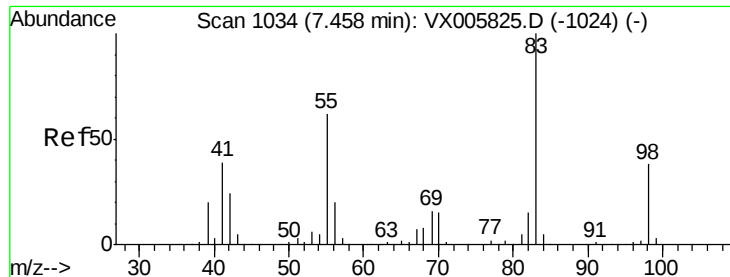
Tot Ion: 43 Resp: 42154
Ion Ratio Lower Upper
43 100
61 13.8 10.8 16.2
70 10.1 7.8 11.8



#38
Carbon Tetrachloride
Concen: 17.943 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Tgt Ion: 117 Resp: 28195
Ion Ratio Lower Upper
117 100
119 97.7 78.1 117.1
121 34.2 24.6 36.8

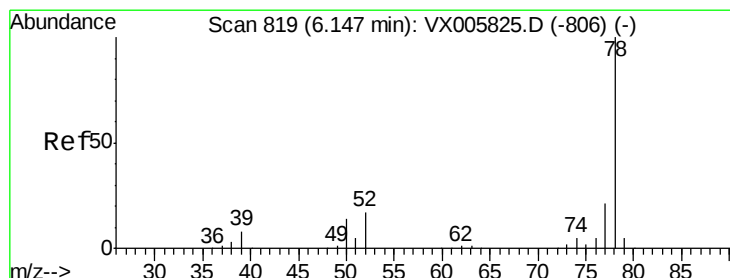
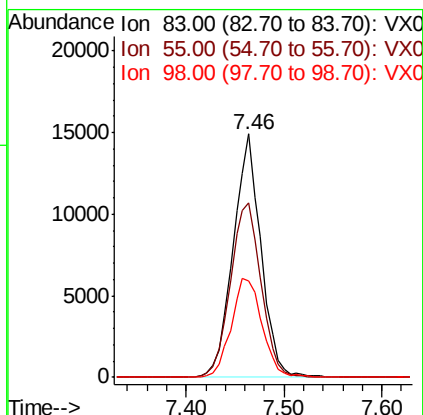
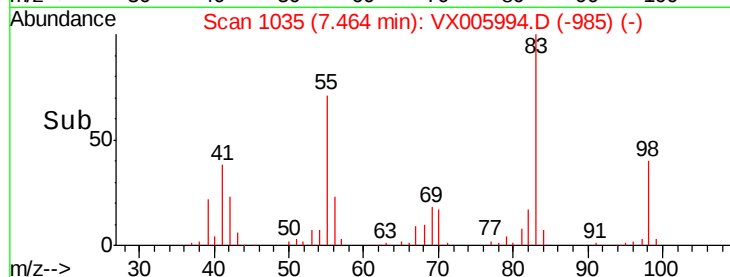
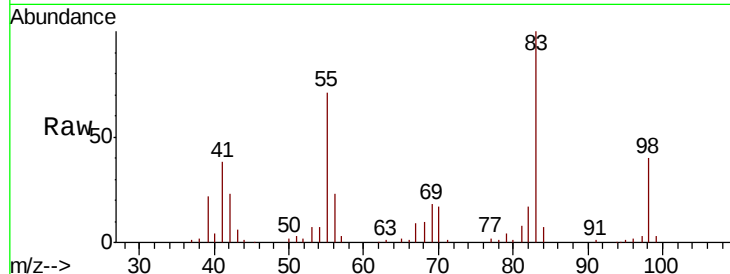




#39
Methvlcvclohexane
Concen: 18.449 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

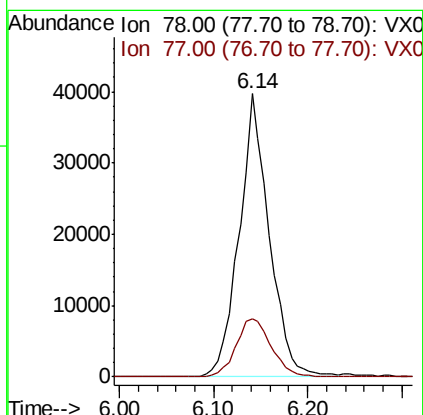
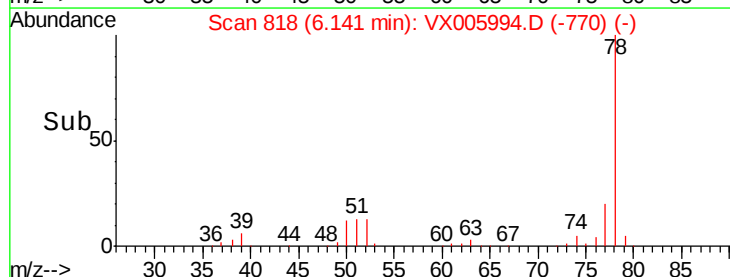
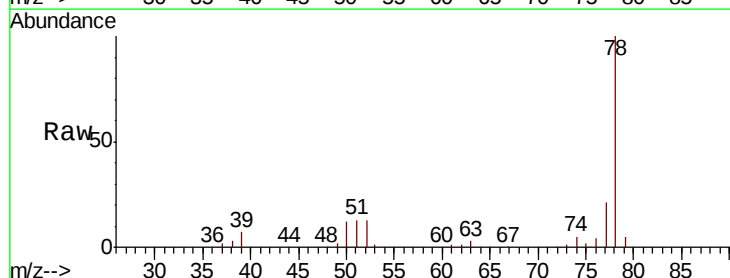
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBS02

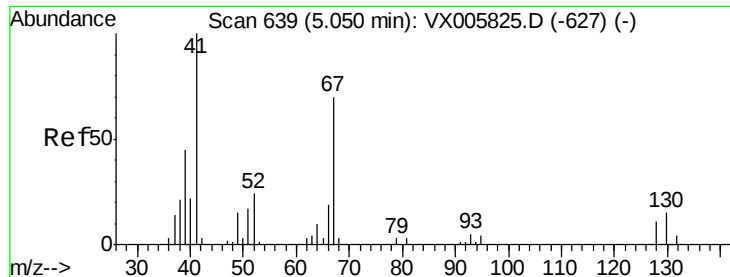
Tot Ion: 83 Resp: 29350
Ion Ratio Lower Upper
83 100
55 71.4 63.7 95.5
98 39.5 36.2 54.2



#40
Benzene
Concen: 19.333 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Tgt Ion: 78 Resp: 88462
Ion Ratio Lower Upper
78 100
77 20.8 18.4 27.6

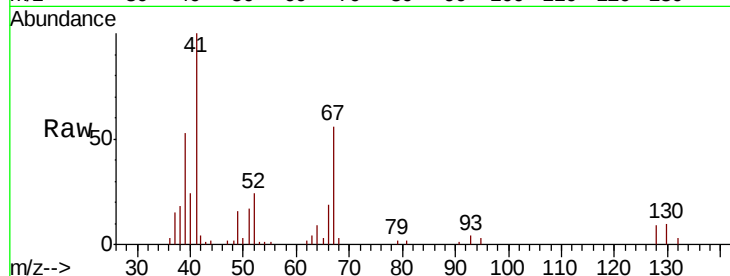




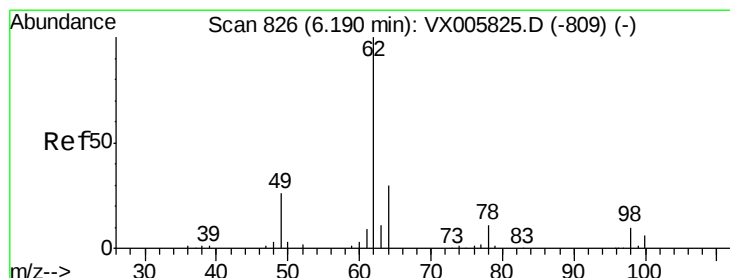
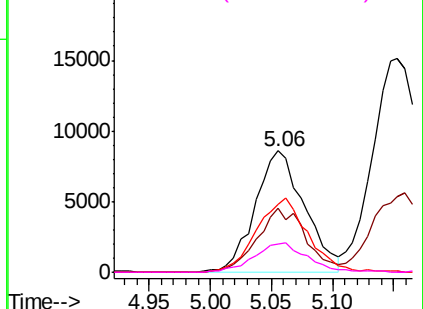
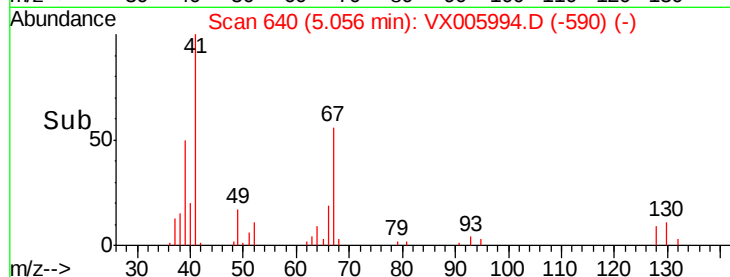
#41
Methacrylonitrile
Concen: 21.753 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Instrument :
MSVOA_X
ClientSampled :
VX1114MBS02

Tot Ion:	41	Resp:	24262
Ion	Ratio	Lower	Upper
41	100		
39	51.7	42.2	63.2
67	62.9	53.4	80.0
52	25.9	23.4	35.2

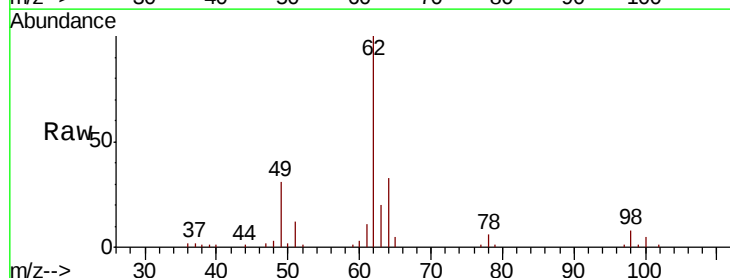


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

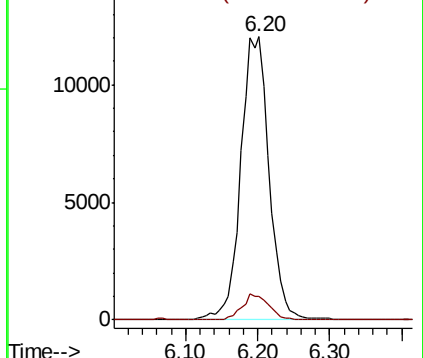
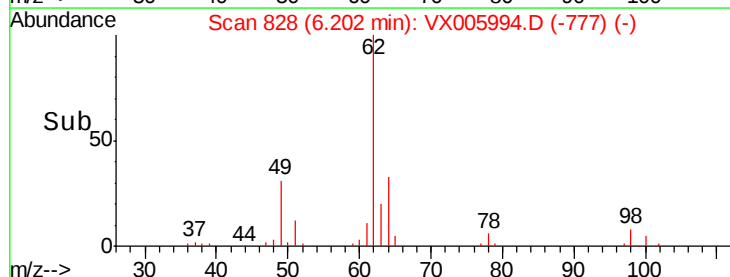


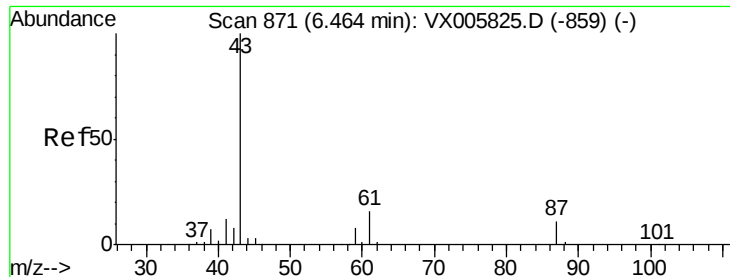
#42
1,2-Dichloroethane
Concen: 20.008 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Tgt Ion:	62	Resp:	32792
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.8



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



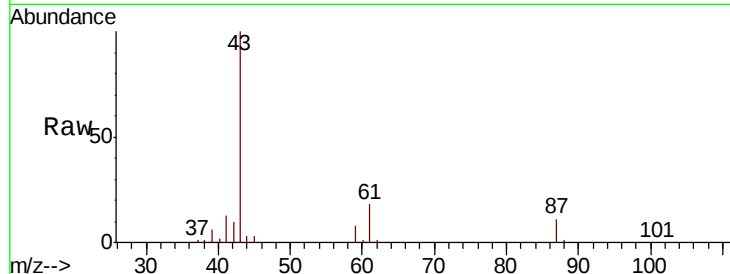


#43

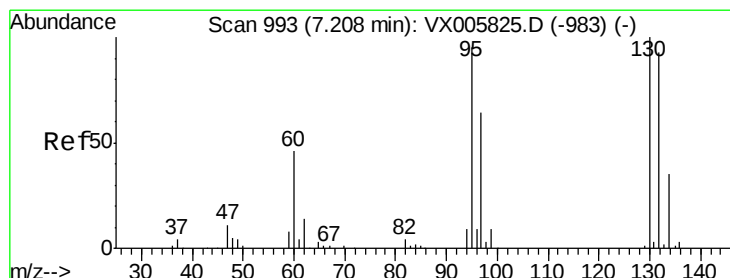
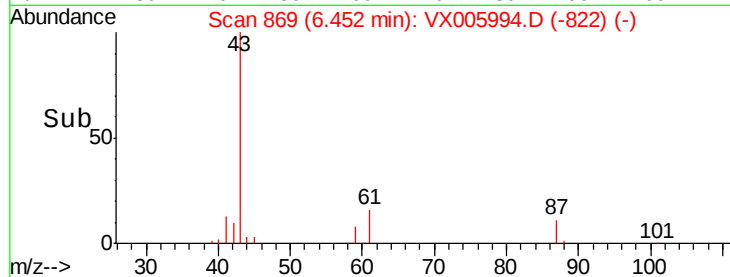
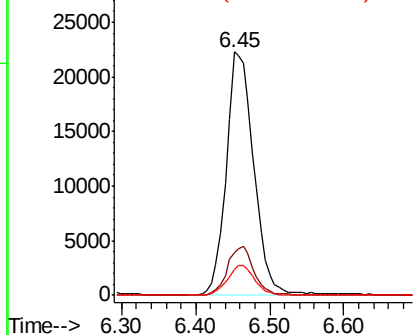
Isopropyl Acetate
 Concen: 19.380 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: VX005994.D
 Acq: 15 Nov 2018 01:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBS02

Tot Ion: 43 Resp: 57964
 Ion Ratio Lower Upper
 43 100
 61 19.3 14.6 22.0
 87 12.1 9.6 14.4



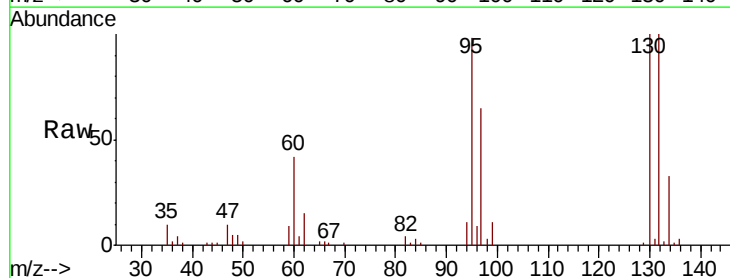
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



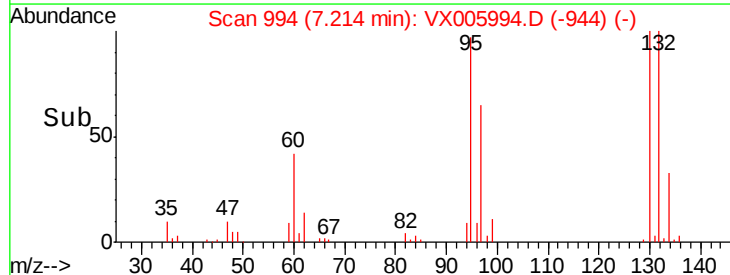
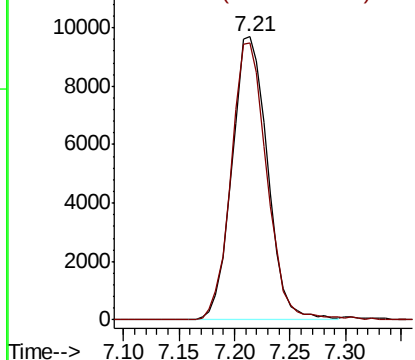
#44

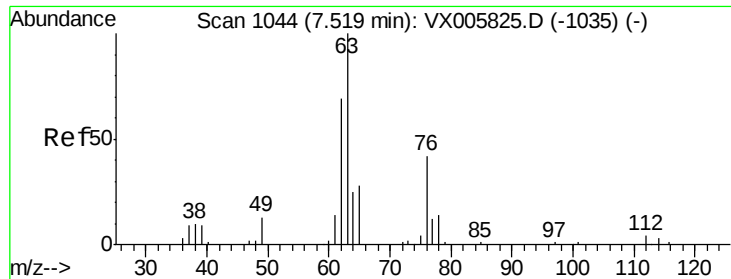
Trichloroethene
 Concen: 18.491 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005994.D
 Acq: 15 Nov 2018 01:01

Tgt Ion: 130 Resp: 21487
 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: 20.064 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

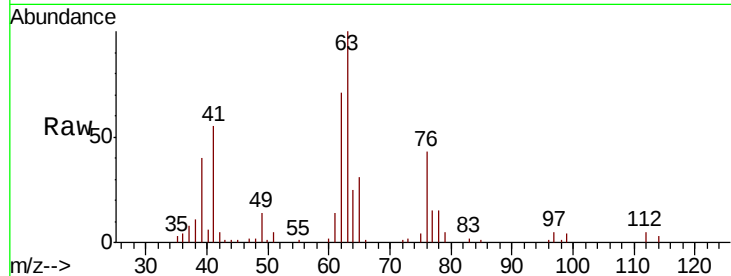
VX1114MBS02

Tot Ion: 63 Resp: 22284

Ion Ratio Lower Upper

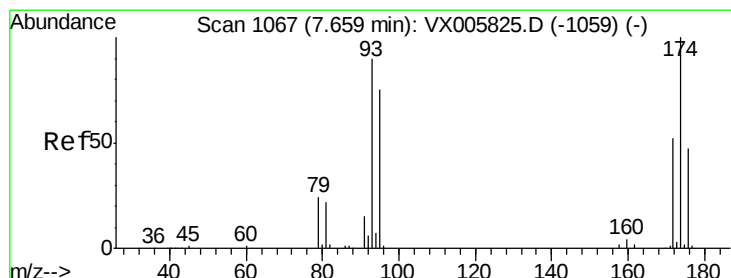
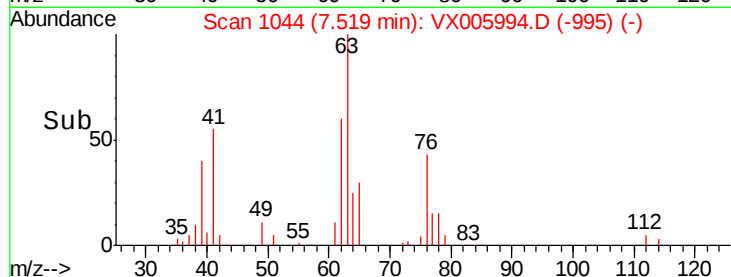
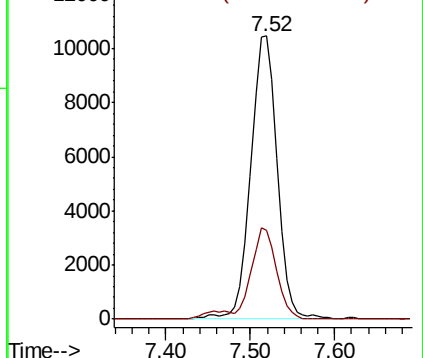
63 100

65 31.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.925 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

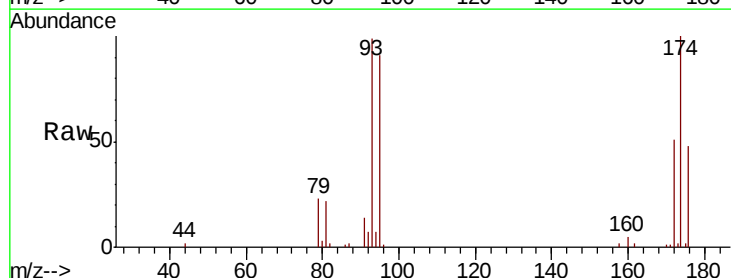
Tgt Ion: 93 Resp: 14583

Ion Ratio Lower Upper

93 100

95 84.4 67.4 101.0

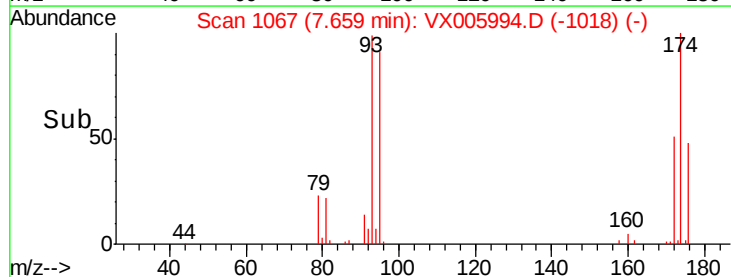
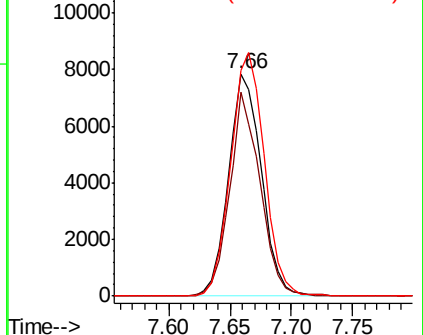
174 111.9 91.5 137.3



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.679 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

VX1114MBS02

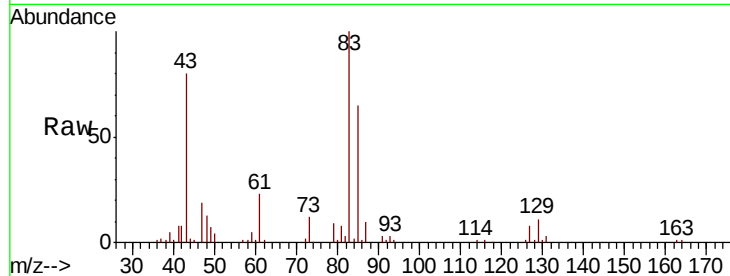
Tot Ion: 83 Resp: 27236

Ion Ratio Lower Upper

83 100

85 64.8 50.2 75.4

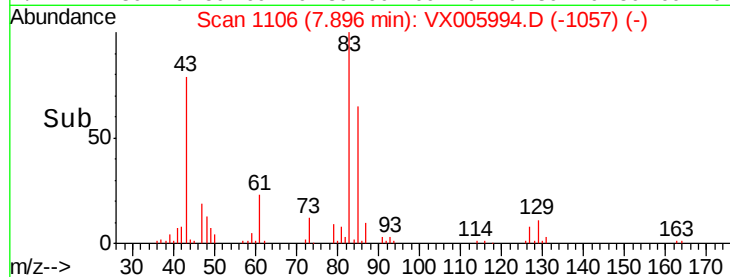
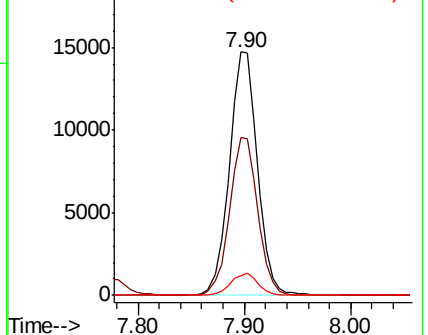
127 8.3 6.9 10.3



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: 20.992 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

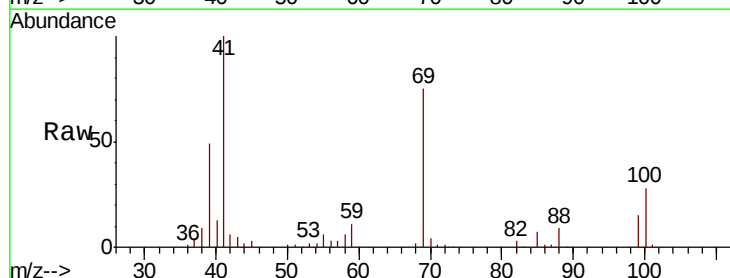
Tgt Ion: 41 Resp: 28192

Ion Ratio Lower Upper

41 100

69 78.6 63.2 94.8

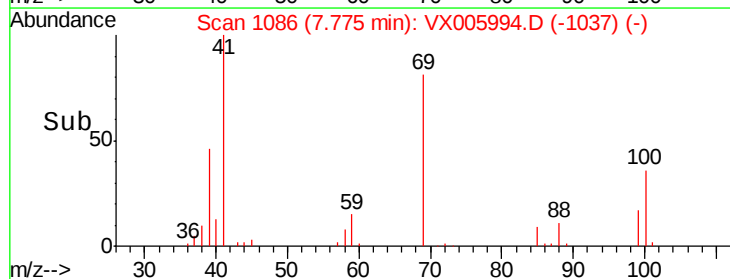
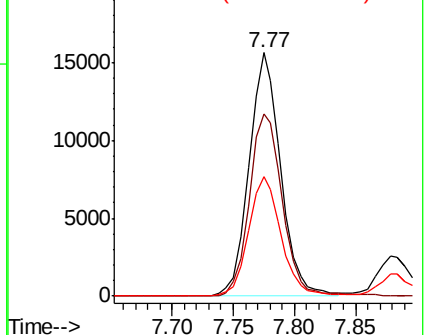
39 50.6 42.2 63.2



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

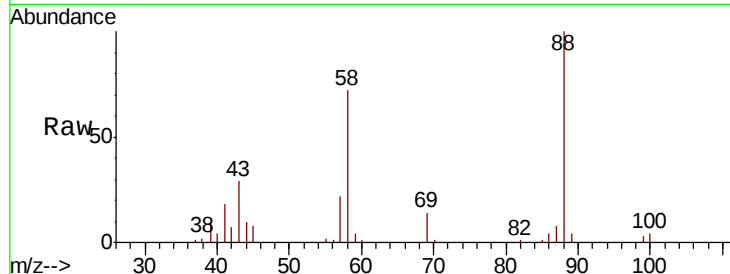




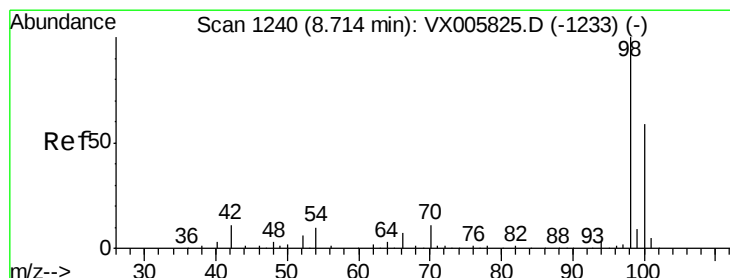
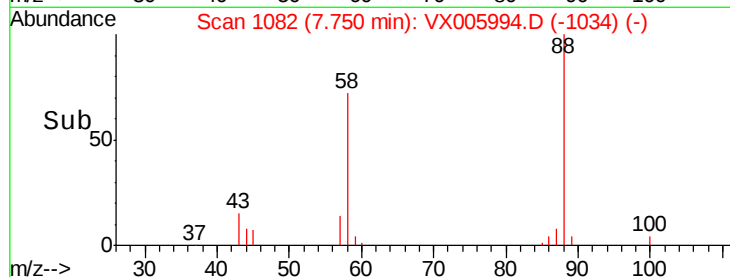
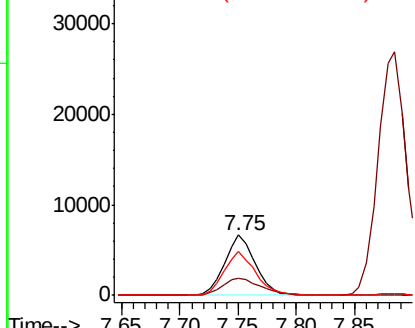
#49
1,4-Dioxane
Concen: 418.297 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Instrument :
MSVOA_X
ClientSampleId :
VX1114MBS02

Tot Ion: 88 Resp: 12105
Ion Ratio Lower Upper
88 100
43 36.4 27.4 41.0
58 74.4 59.4 89.2

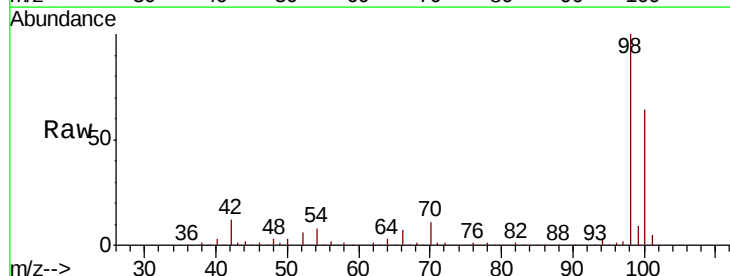


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

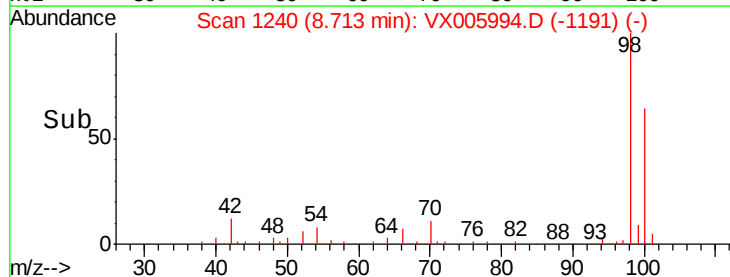
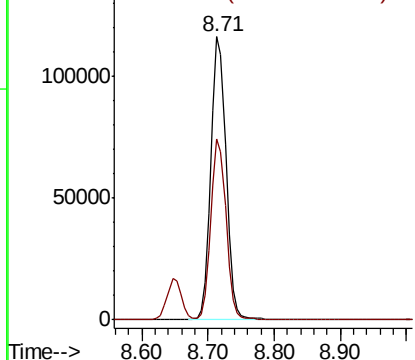


#50
Toluene-d8
Concen: 50.530 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Tgt Ion: 98 Resp: 186037
Ion Ratio Lower Upper
98 100
100 64.2 51.3 76.9



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

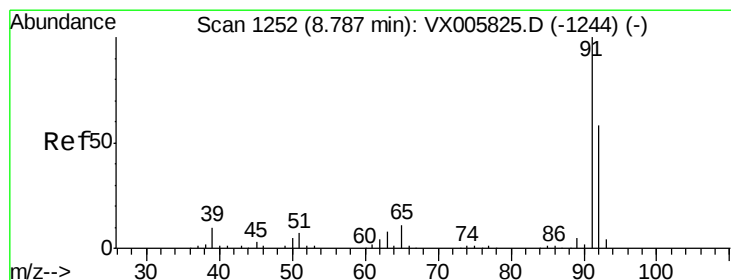
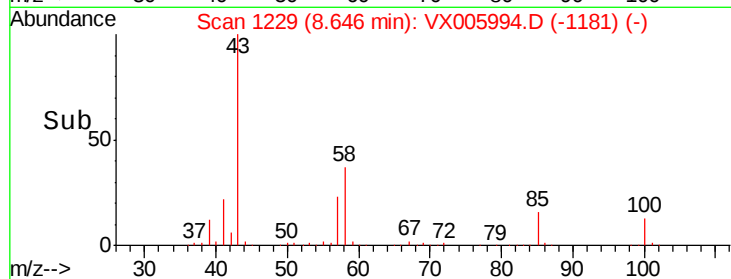
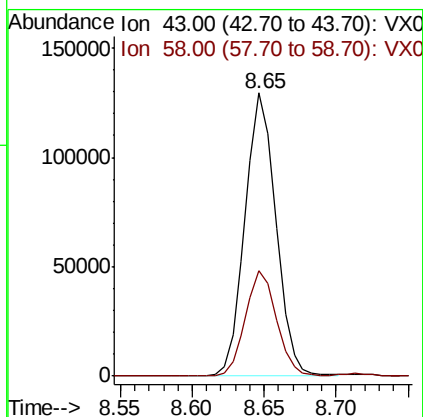
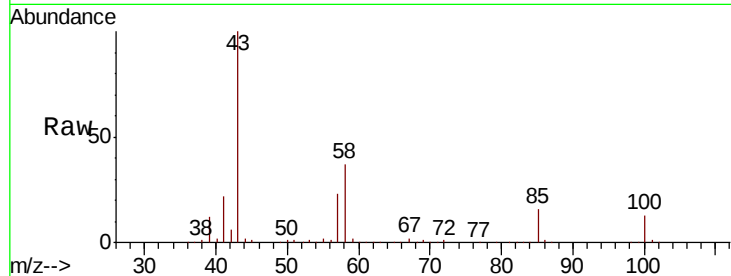




#51
4-Methyl-2-Pentanone
Concen: 102.687 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

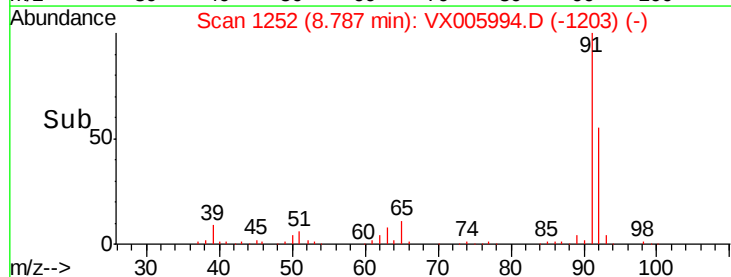
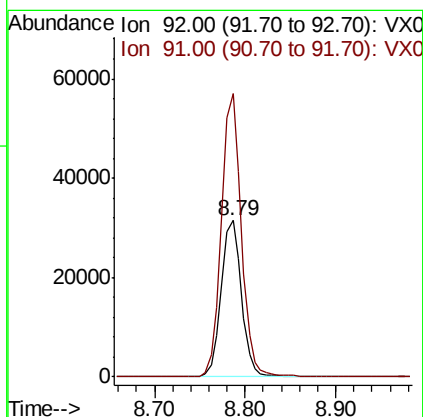
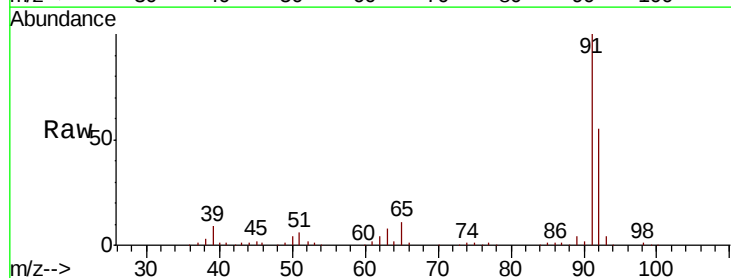
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBS02

Tot Ion: 43 Resp: 193562
Ion Ratio Lower Upper
43 100
58 37.2 29.7 44.5



#52
Toluene
Concen: 19.356 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Tgt Ion: 92 Resp: 49500
Ion Ratio Lower Upper
92 100
91 177.5 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 18.438 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

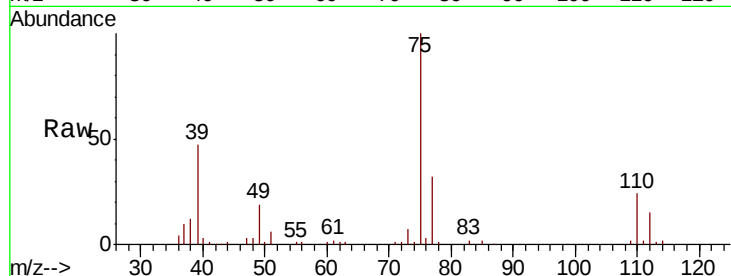
VX1114MBS02

Tot Ion: 75 Resp: 28658

Ion Ratio Lower Upper

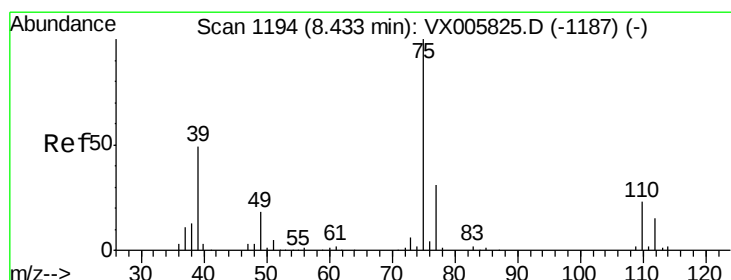
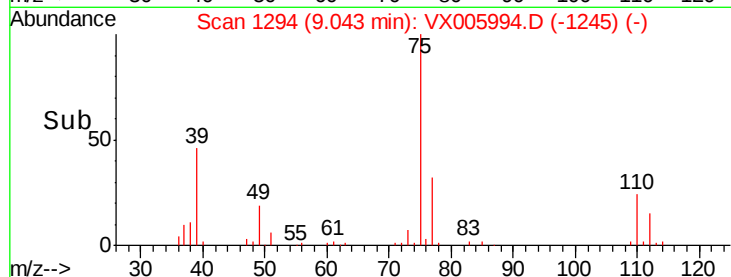
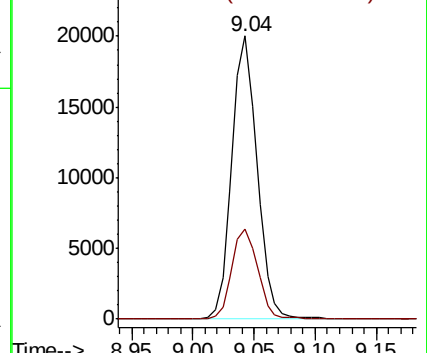
75 100

77 32.0 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: 20.012 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

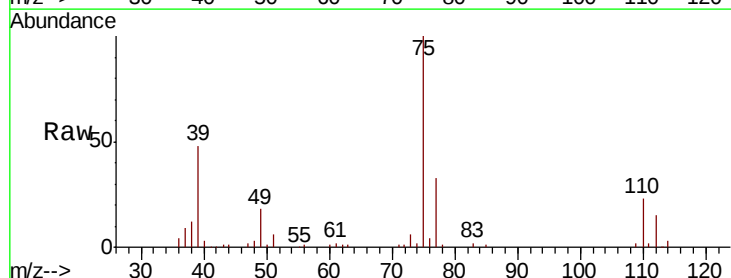
Tgt Ion: 75 Resp: 31703

Ion Ratio Lower Upper

75 100

77 32.7 25.2 37.8

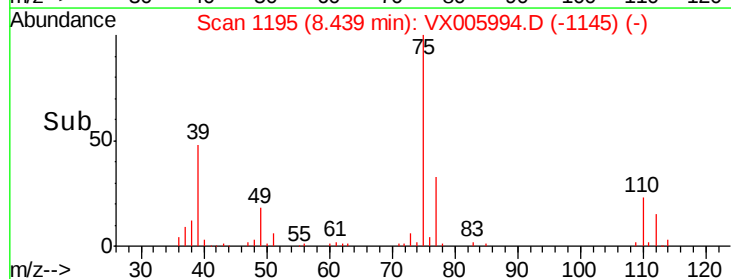
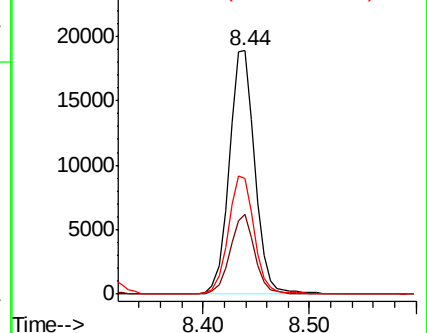
39 47.3 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



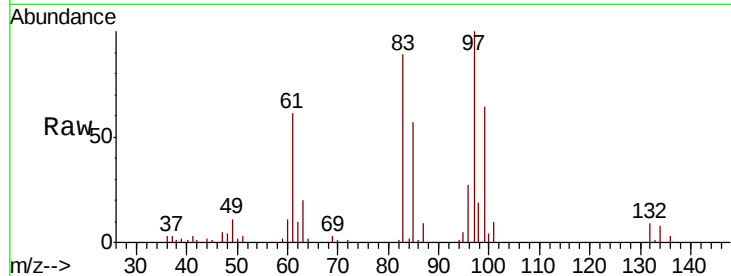


#55
 1,1,2-Trichloroethane
 Concen: 18.924 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005994.D
 Acq: 15 Nov 2018 01:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBS02

Tot Ion: 97 Resp: 21569

Ion	Ratio	Lower	Upper
97	100		
83	88.7	70.7	106.1
85	57.0	45.8	68.6
99	63.7	51.8	77.8



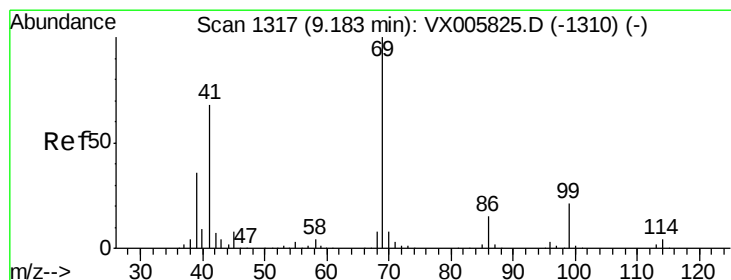
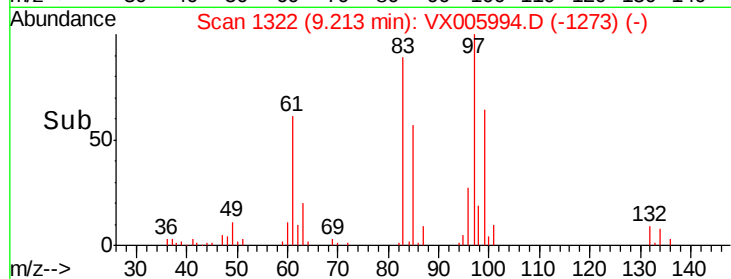
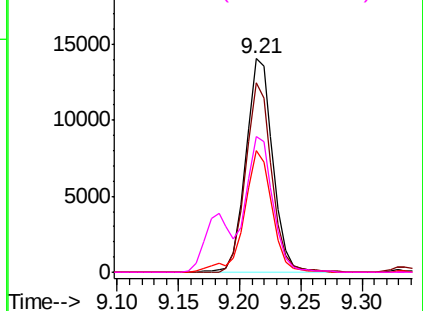
Abundance

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

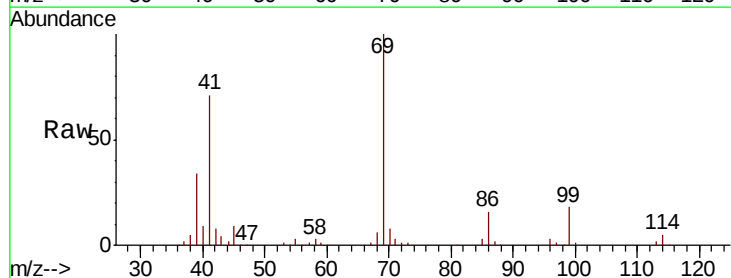
Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 18.742 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005994.D
 Acq: 15 Nov 2018 01:01

Tgt Ion: 69 Resp: 31962

Ion	Ratio	Lower	Upper
69	100		
41	71.7	57.0	85.6
39	35.6	28.3	42.5

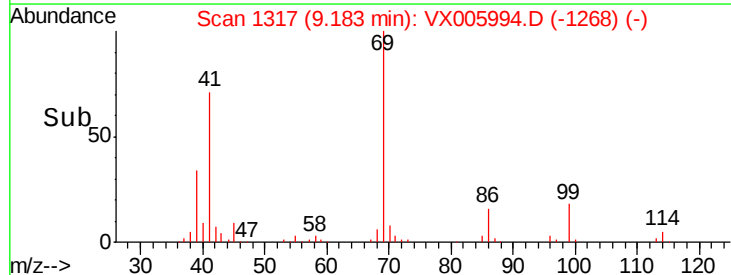
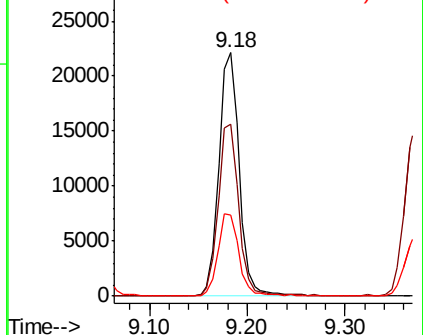


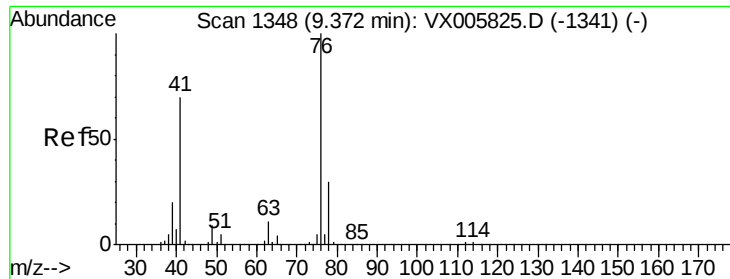
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.709 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

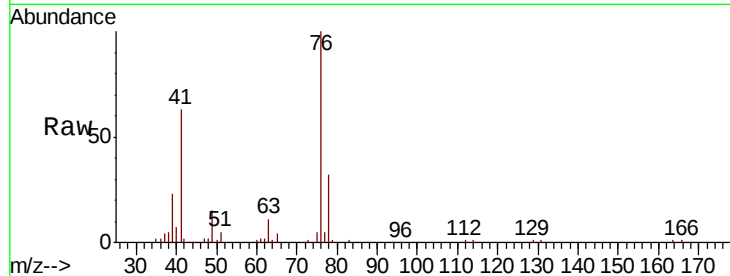
VX1114MBS02

Tot Ion: 76 Resp: 35835

Ion Ratio Lower Upper

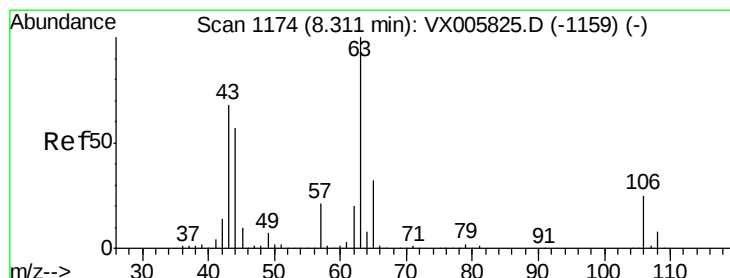
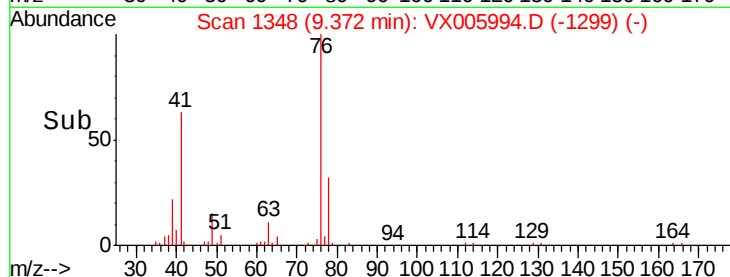
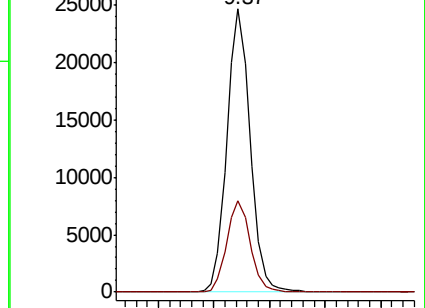
76 100

78 32.3 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 105.993 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX005994.D

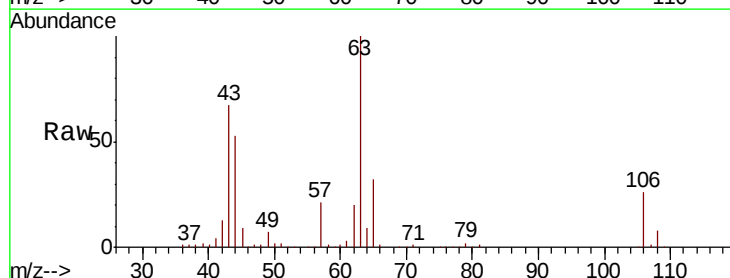
Acq: 15 Nov 2018 01:01

Tgt Ion: 63 Resp: 93911

Ion Ratio Lower Upper

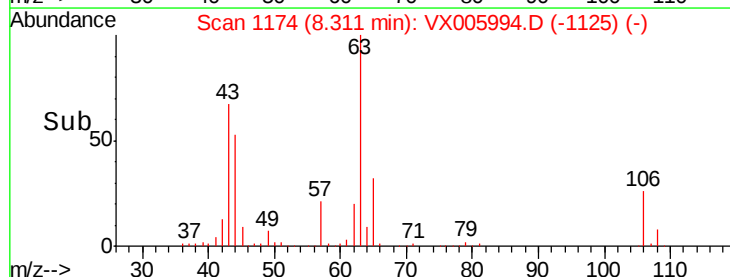
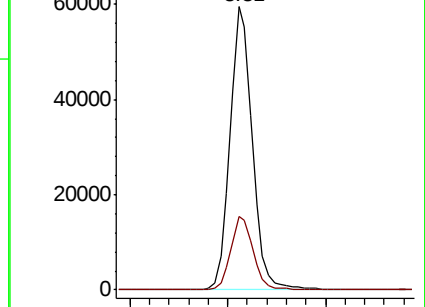
63 100

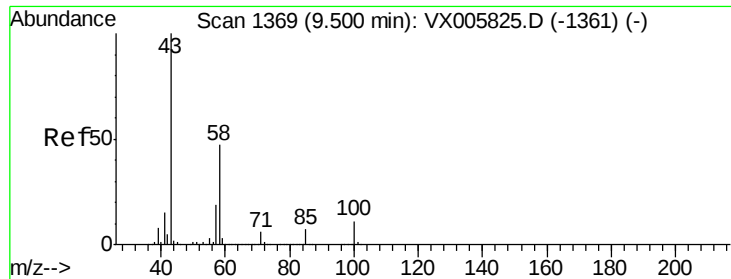
106 26.2 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

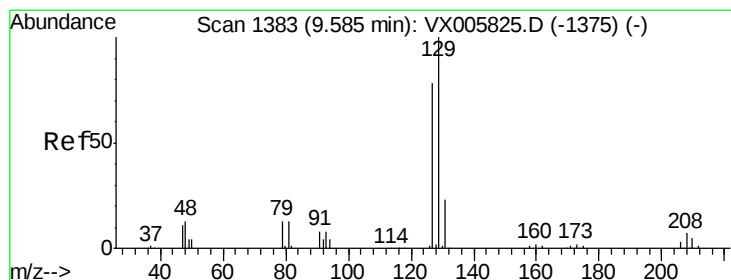
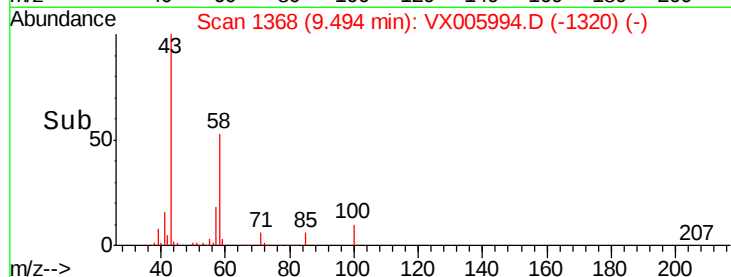
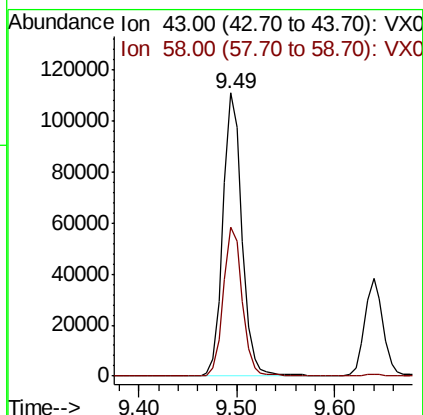
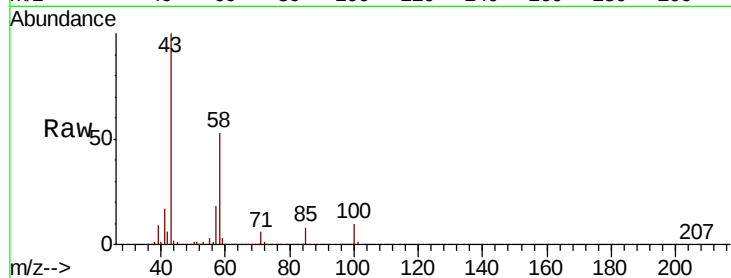




#59
2-Hexanone
Concen: 90.531 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

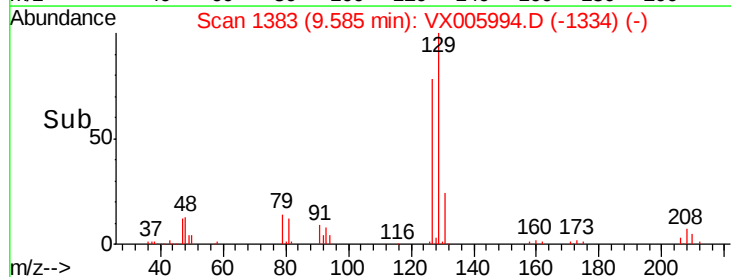
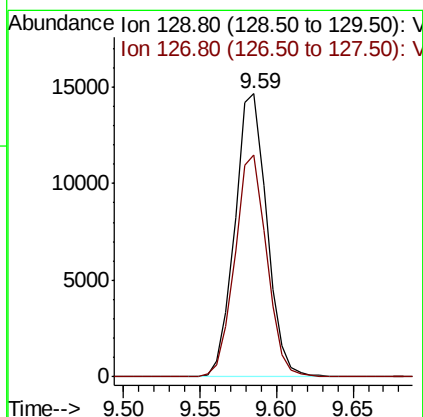
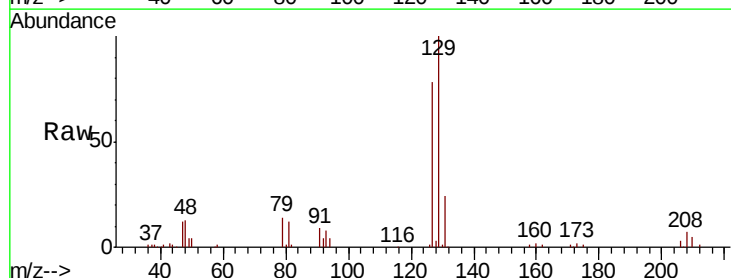
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBS02

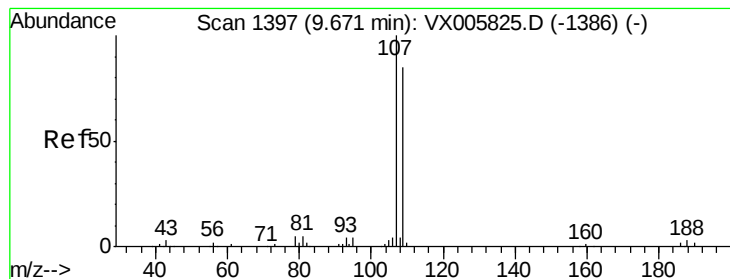
Tot Ion: 43 Resp: 150418
Ion Ratio Lower Upper
43 100
58 52.4 25.9 77.8



#60
Dibromochloromethane
Concen: 17.303 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Tgt Ion: 129 Resp: 21313
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 17.455 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

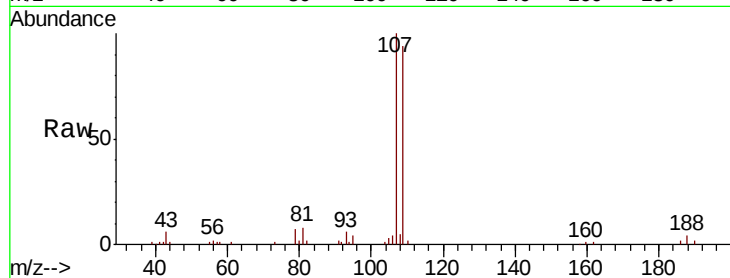
VX1114MBS02

Tot Ion:107 Resp: 21998

Ion Ratio Lower Upper

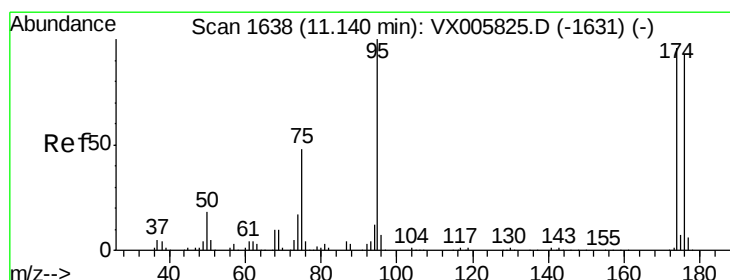
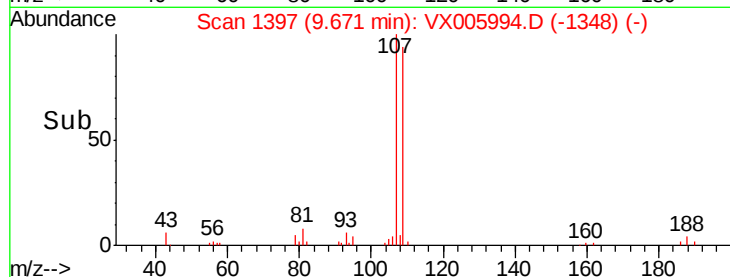
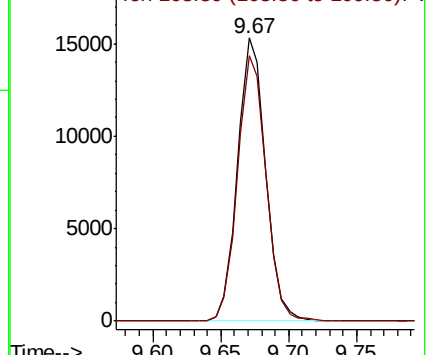
107 100

109 95.1 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: 51.831 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

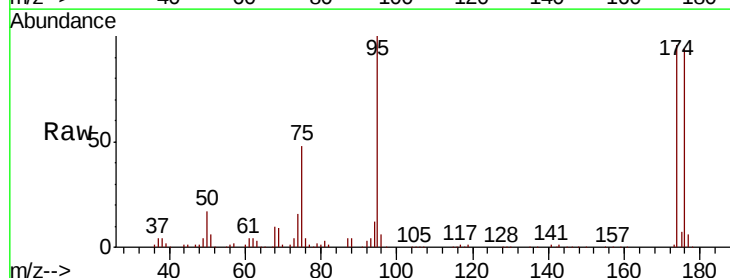
Tgt Ion: 95 Resp: 68609

Ion Ratio Lower Upper

95 100

174 90.5 0.0 184.4

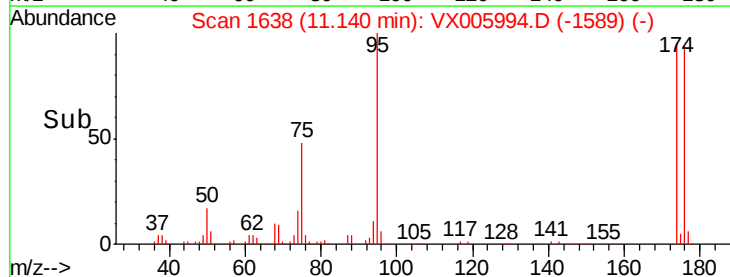
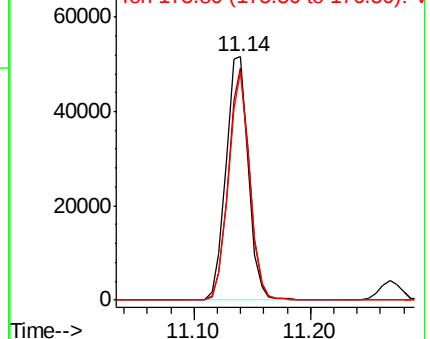
176 88.7 0.0 177.4

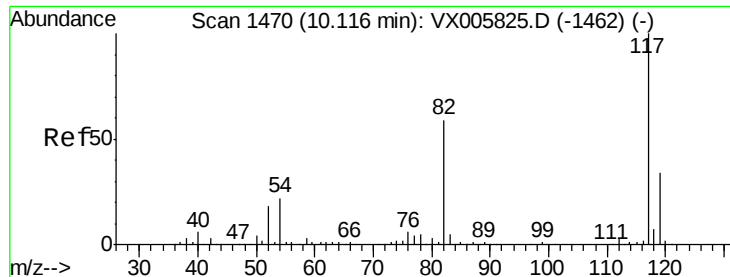


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

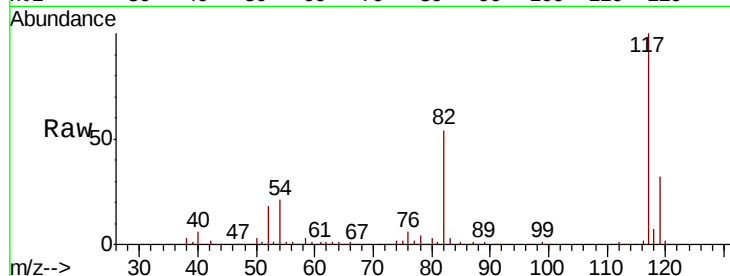




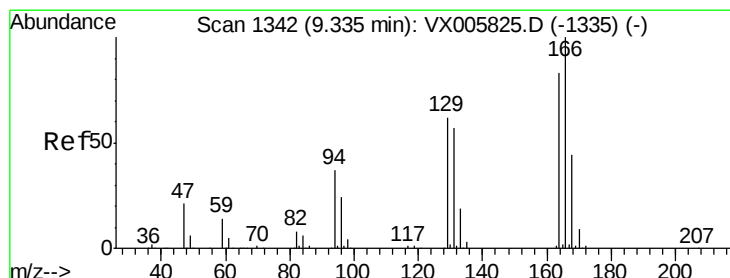
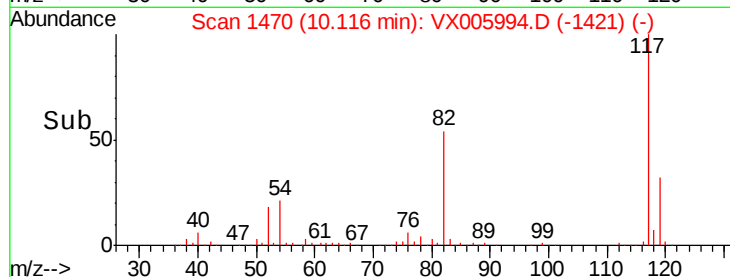
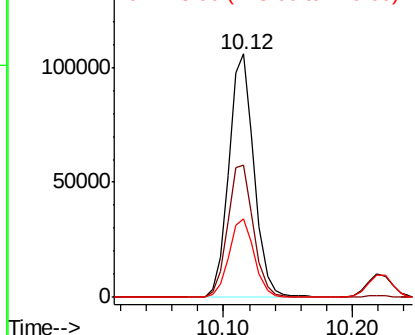
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Instrument :
MSVOA_X
ClientSampled :
VX1114MBS02

Tot Ion:117 Resp: 145111
Ion Ratio Lower Upper
117 100
82 54.3 44.1 66.1
119 32.3 26.2 39.2



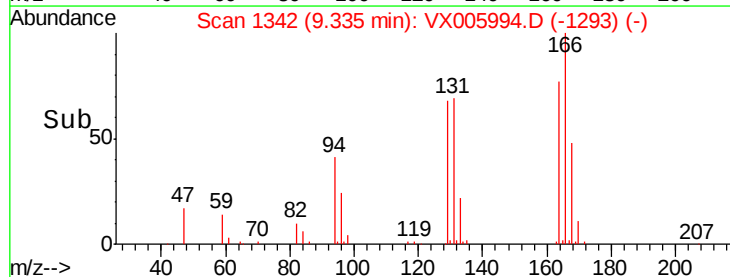
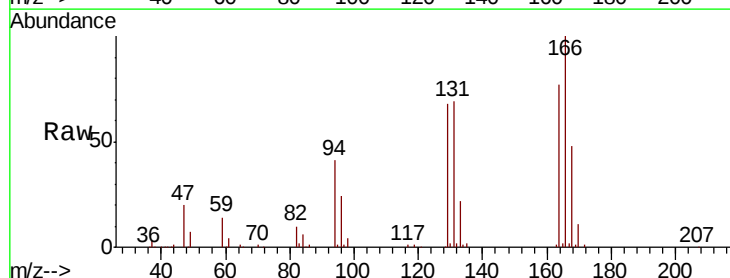
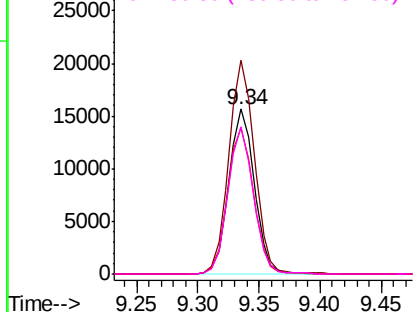
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

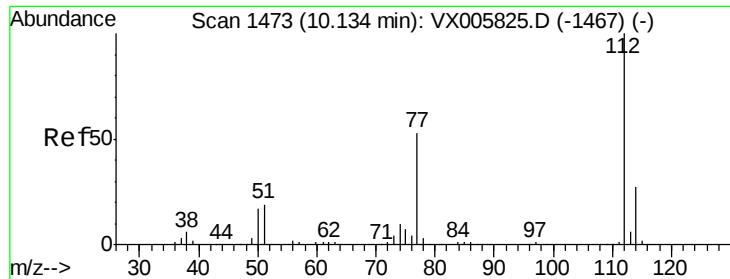


#64
Tetrachloroethene
Concen: 18.294 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Tgt Ion:164 Resp: 22602
Ion Ratio Lower Upper
164 100
166 129.8 101.9 152.9
129 88.3 72.6 109.0
131 89.5 71.1 106.7

Abundance Ion 163.80 (163.50 to 164.50): V
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

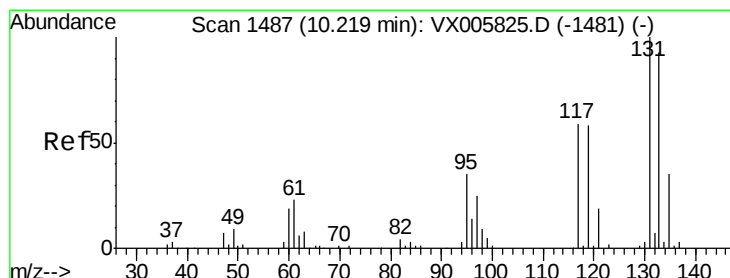
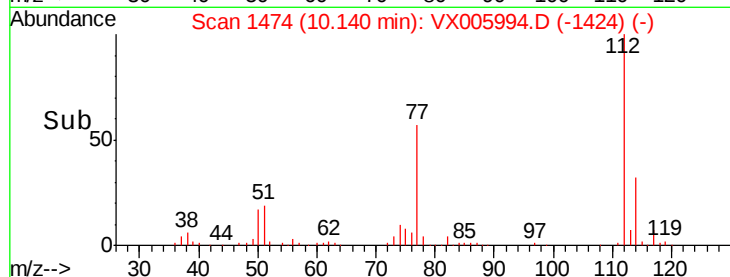
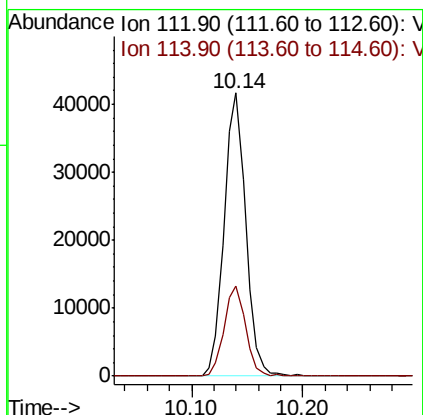
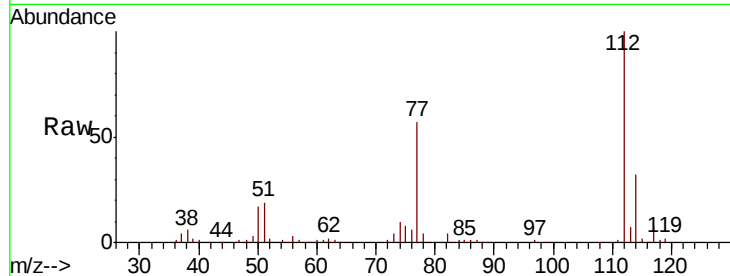




#65
Chlorobenzene
Concen: 19.341 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

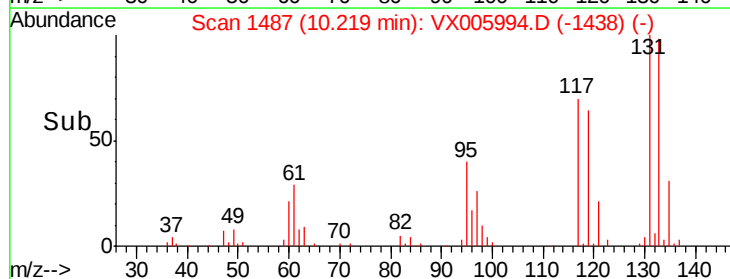
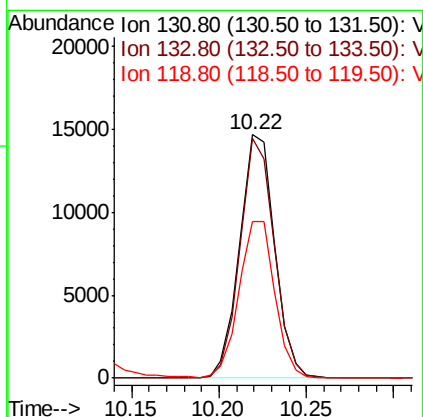
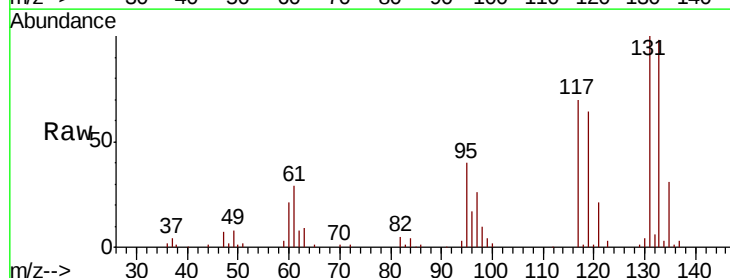
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBS02

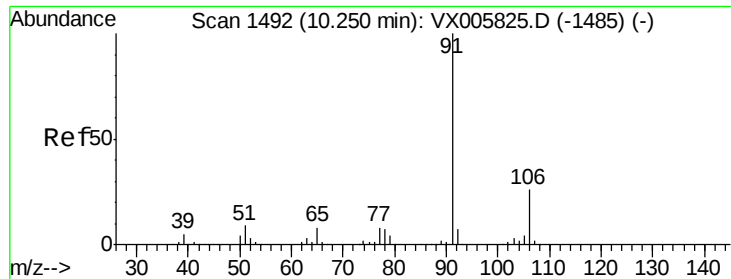
Tot Ion:112 Resp: 56224
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.249 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Tgt Ion:131 Resp: 20465
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.5
119 65.8 31.8 95.3





#67

Ethyl Benzene

Concen: 20.052 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

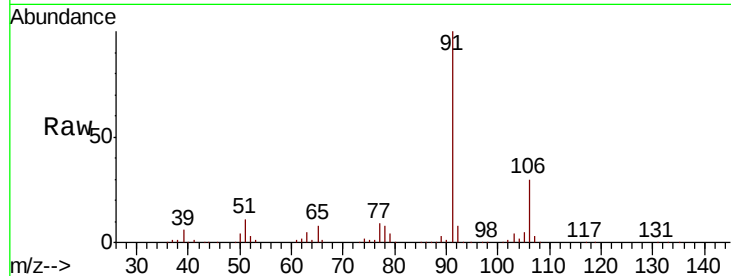
VX1114MBS02

Tot Ion: 91 Resp: 93473

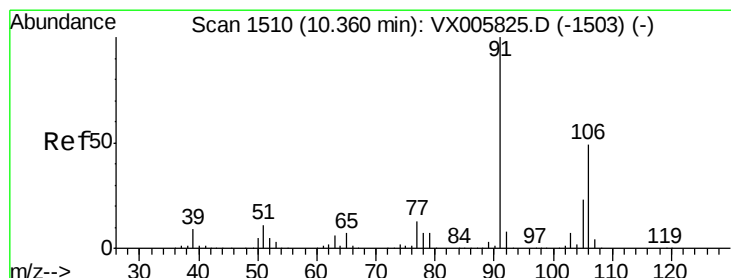
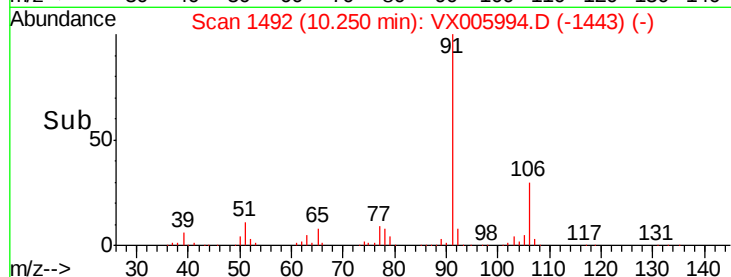
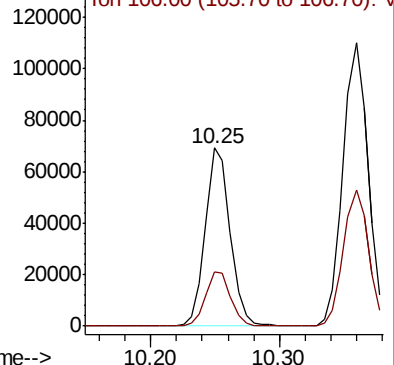
Ion Ratio Lower Upper

91 100

106 30.3 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1485) (-)



#68

m/p-Xylenes

Concen: 40.614 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005994.D

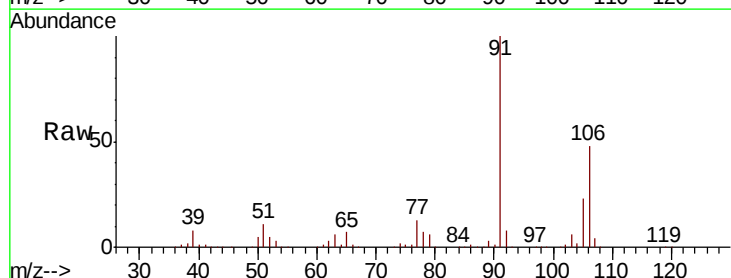
Acq: 15 Nov 2018 01:01

Tgt Ion: 106 Resp: 72214

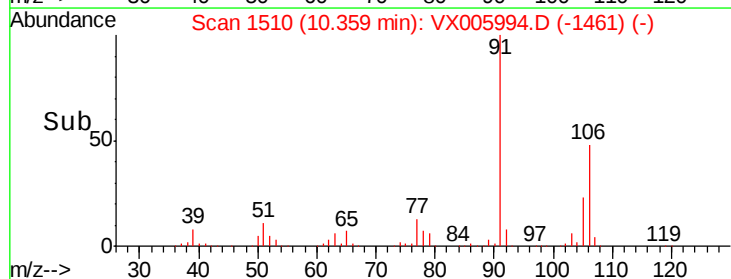
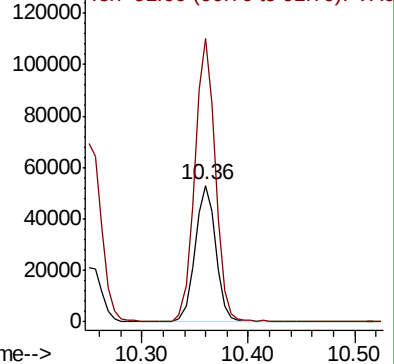
Ion Ratio Lower Upper

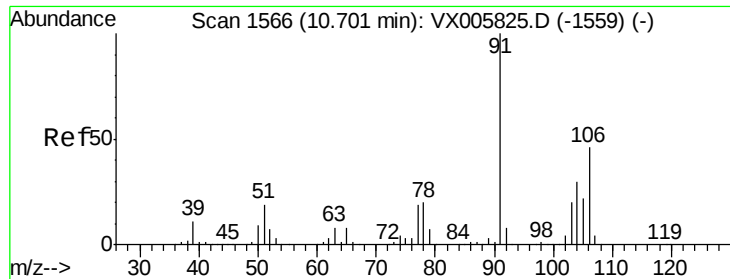
106 100

91 206.5 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005825.D (-1503) (-)

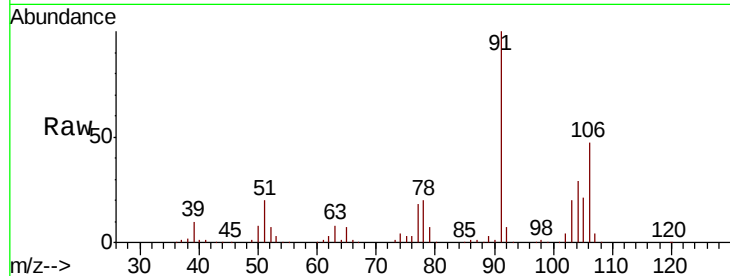




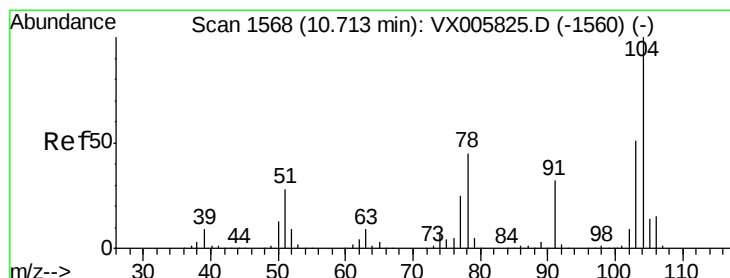
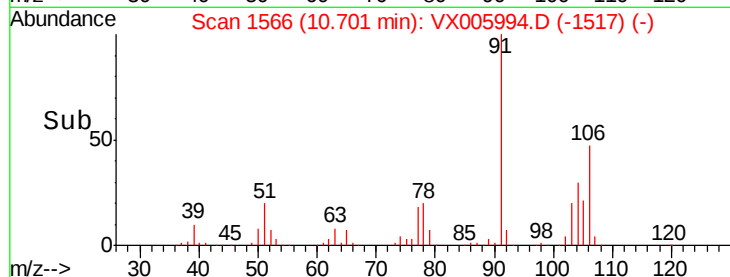
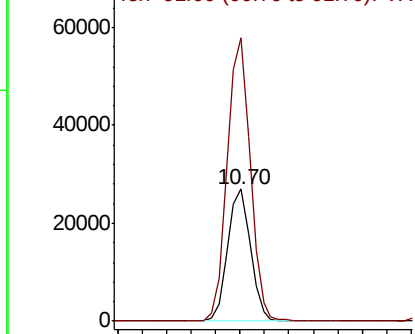
#69
o-Xylene
Concen: 21.917 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Instrument :
MSVOA_X
ClientSampleId :
VX1114MBS02

Tot Ion:106 Resp: 34945
Ion Ratio Lower Upper
106 100
91 214.8 108.5 325.5

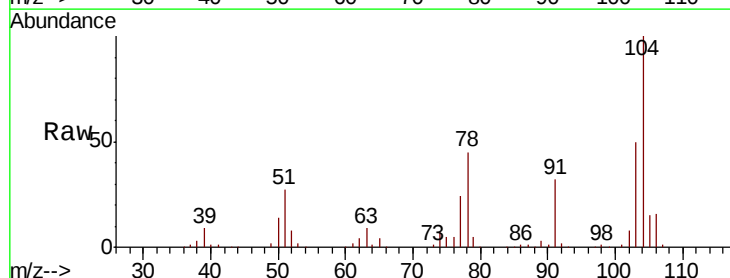


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

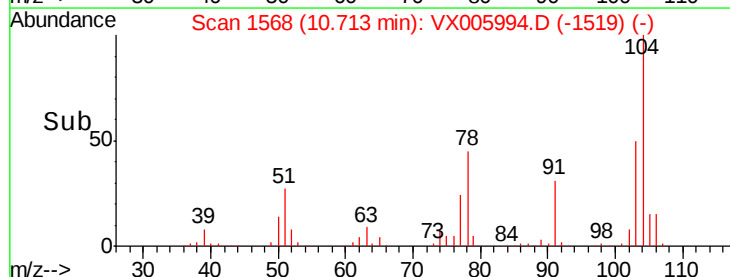
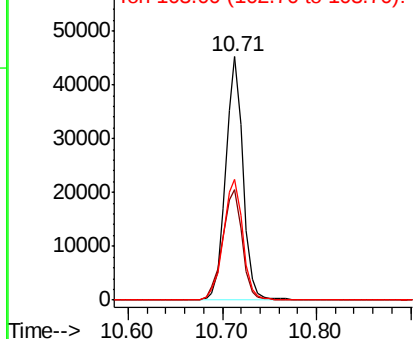


#70
Styrene
Concen: 21.984 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Tgt Ion:104 Resp: 57823
Ion Ratio Lower Upper
104 100
78 51.7 40.2 60.4
103 55.6 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: 20.966 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

VX1114MBS02

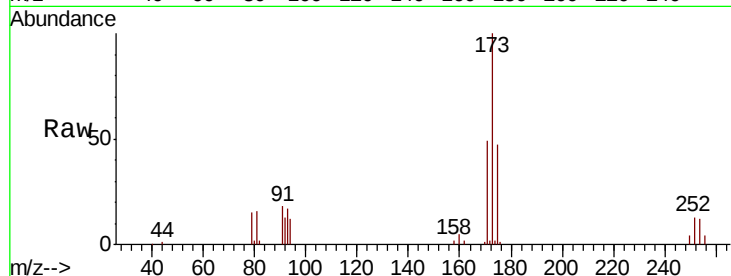
Tot Ion:173 Resp: 17763

Ion Ratio Lower Upper

173 100

175 47.3 24.8 74.3

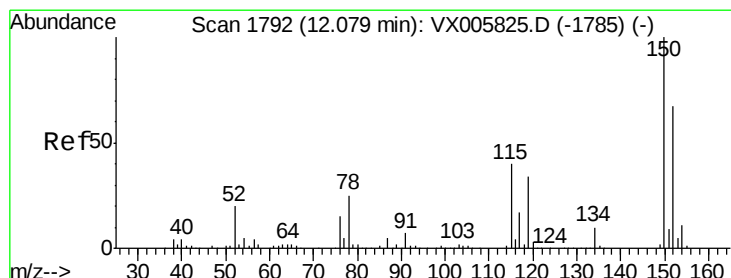
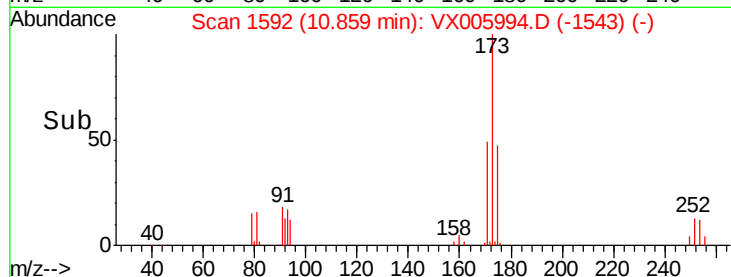
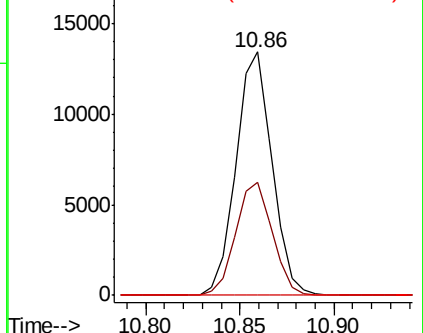
254 0.0 0.2 0.2#



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: VX005994.D

Acq: 15 Nov 2018 01:01

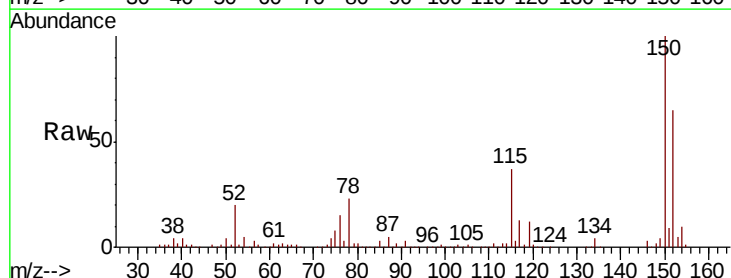
Tgt Ion:152 Resp: 78612

Ion Ratio Lower Upper

152 100

115 63.9 39.4 118.1

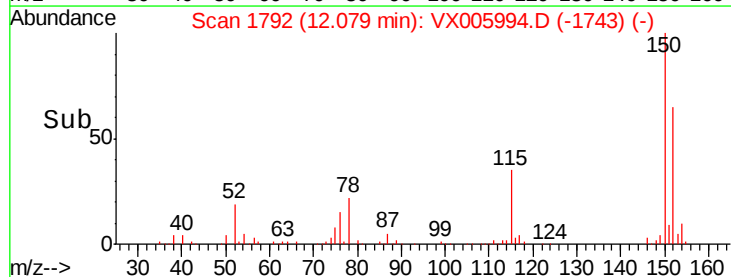
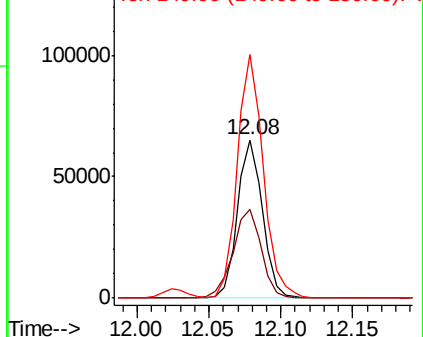
150 160.8 0.0 346.4

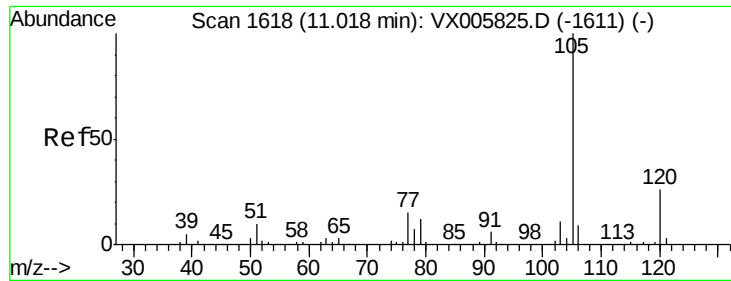


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.115 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

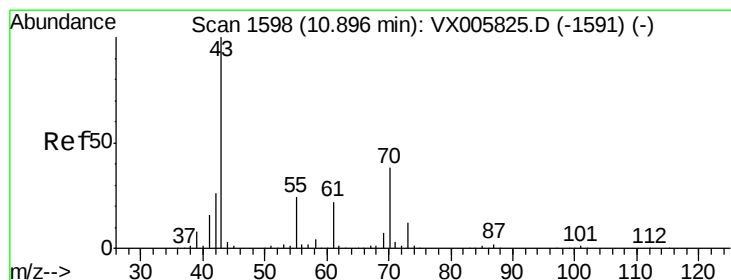
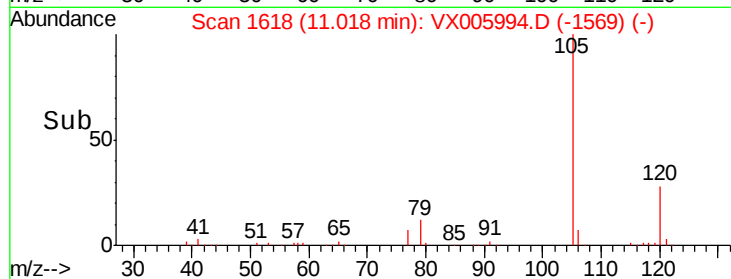
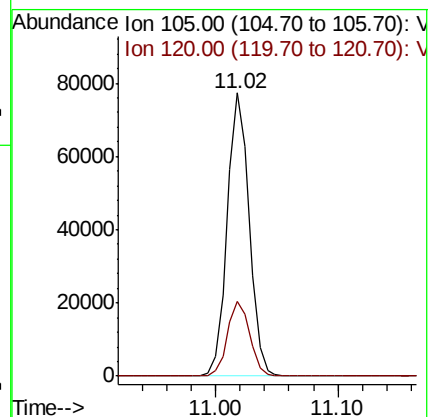
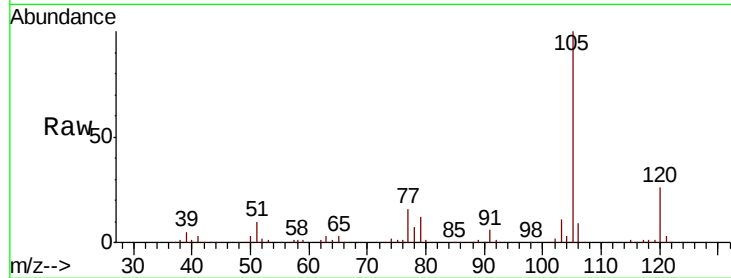
VX1114MBS02

Tot Ion:105 Resp: 95990

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



#74

N-ethyl acetate

Concen: 19.191 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Tgt Ion: 43 Resp: 46934

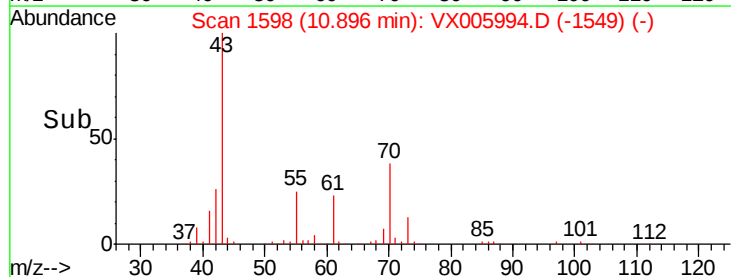
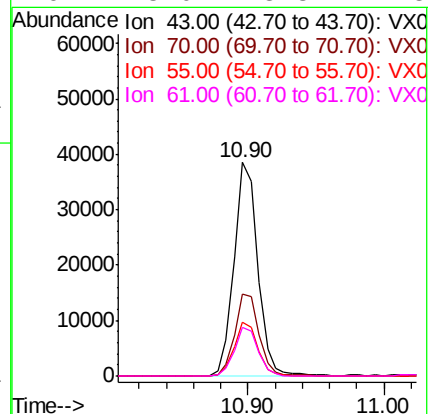
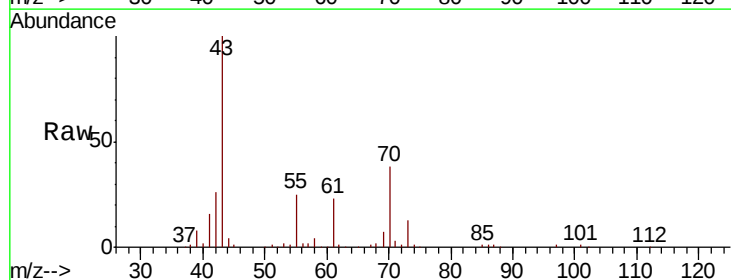
Ion Ratio Lower Upper

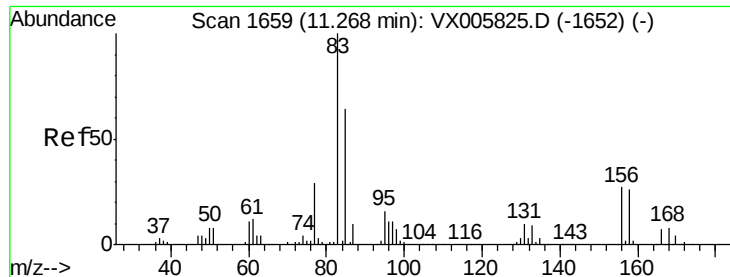
43 100

70 39.0 31.6 47.4

55 25.4 19.7 29.5

61 23.0 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.596 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

VX1114MBS02

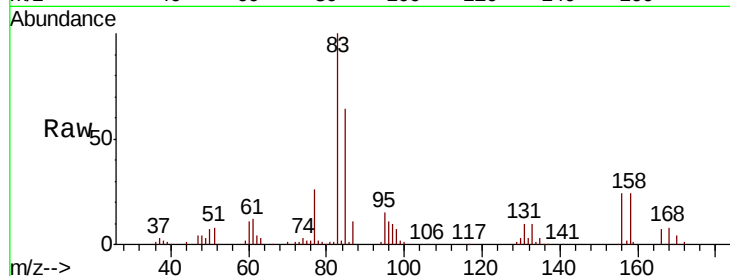
Tot Ion: 83 Resp: 34366

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

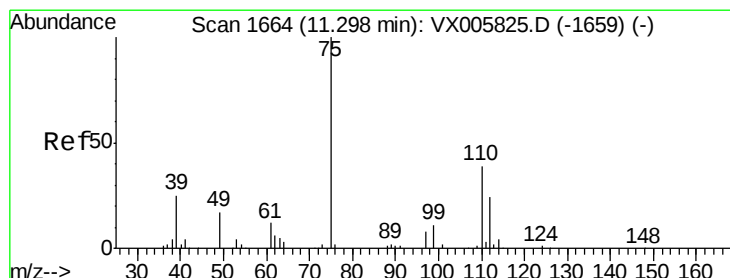
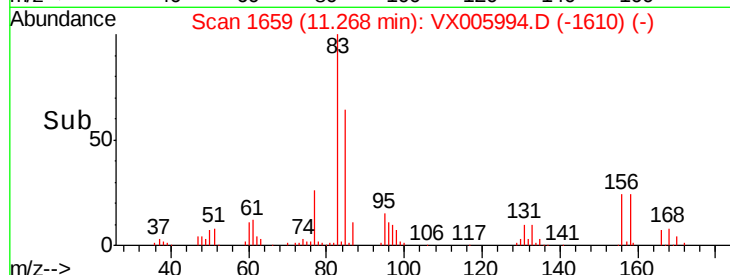
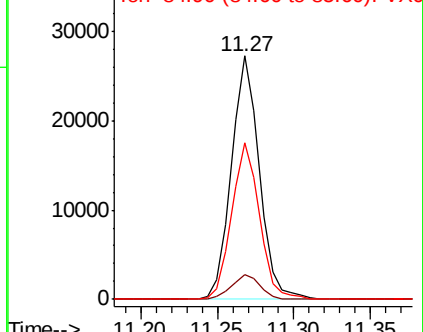
85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.427 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005994.D

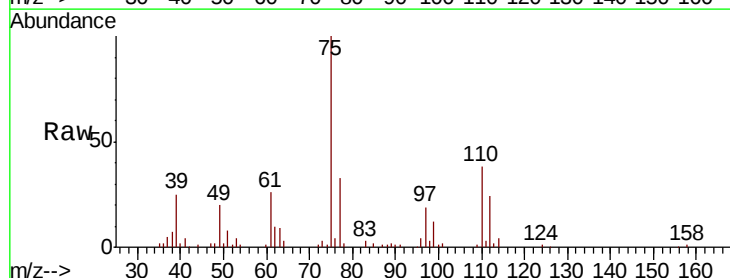
Acq: 15 Nov 2018 01:01

Tgt Ion: 75 Resp: 40701

Ion Ratio Lower Upper

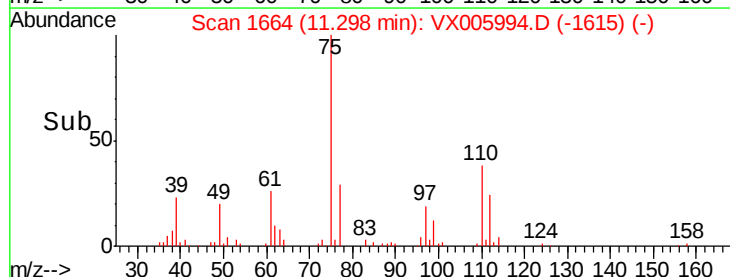
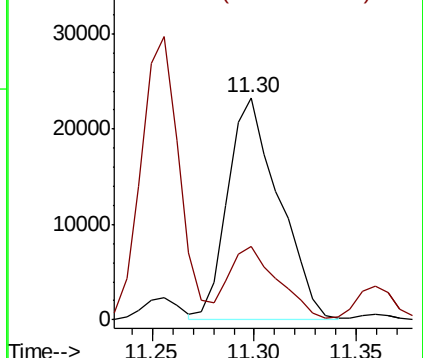
75 100

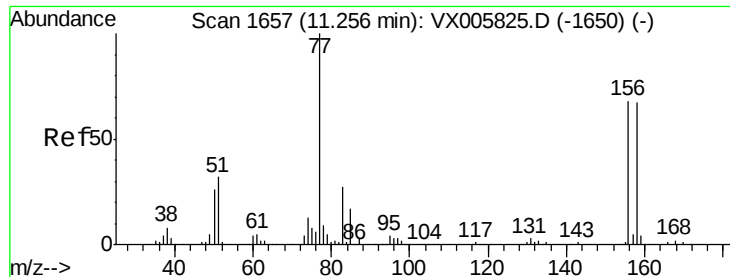
77 31.3 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.960 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

VX1114MBS02

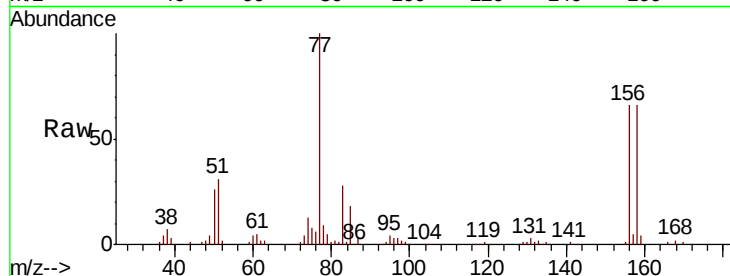
Tot Ion:156 Resp: 25575

Ion Ratio Lower Upper

156 100

77 150.8 74.8 224.4

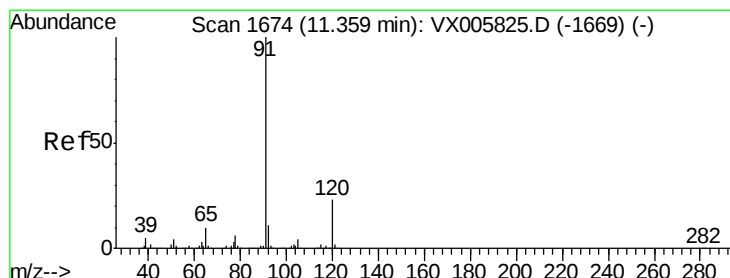
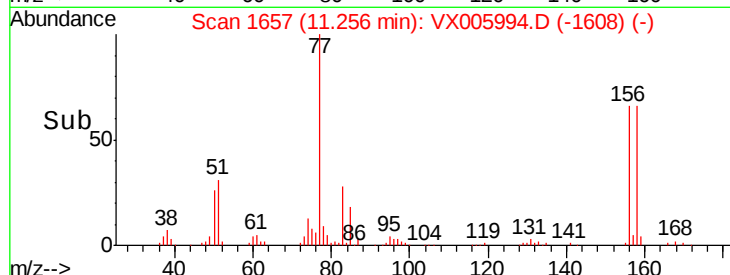
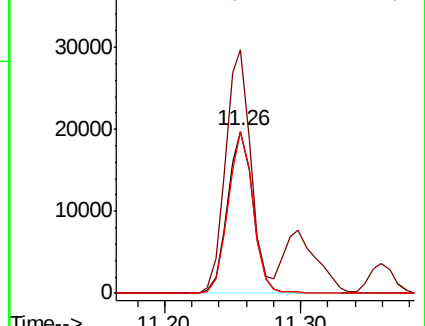
158 97.7 49.1 147.3



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: 20.142 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005994.D

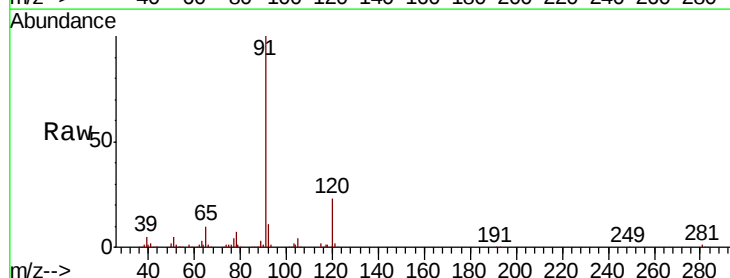
Acq: 15 Nov 2018 01:01

Tgt Ion: 91 Resp: 107916

Ion Ratio Lower Upper

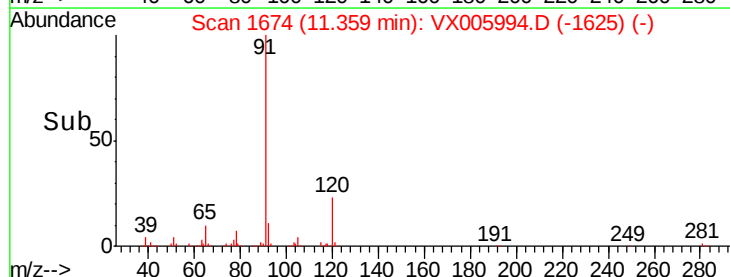
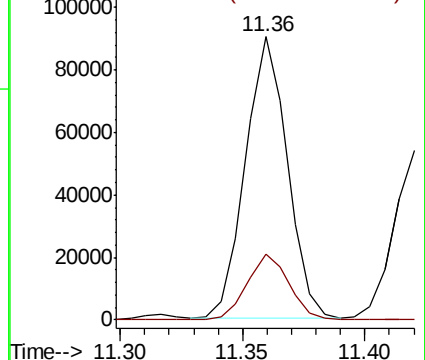
91 100

120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

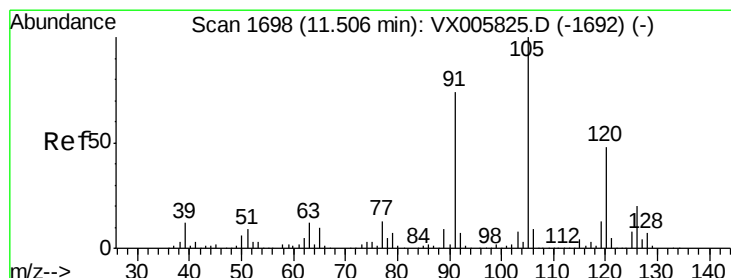
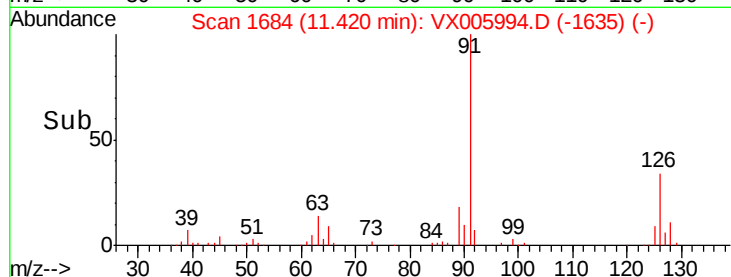
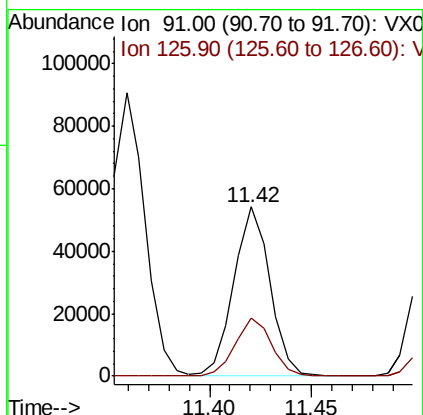
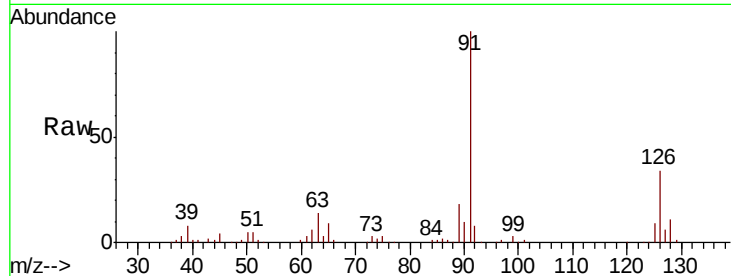




#79
 2-Chlorotoluene
 Concen: 20.387 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005994.D
 Acq: 15 Nov 2018 01:01

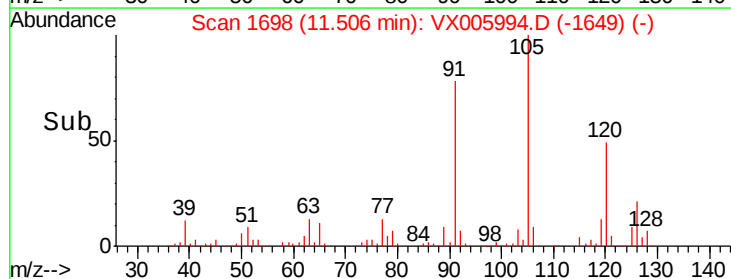
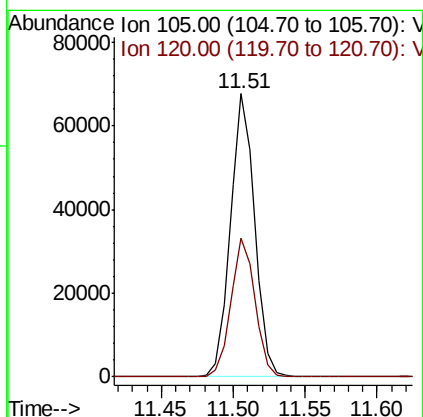
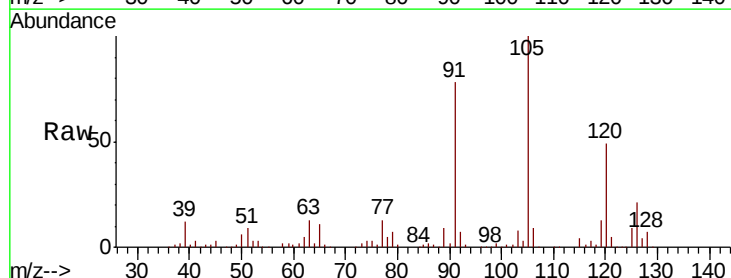
Instrument :
 MSVOA_X
 ClientSampled :
 VX1114MBS02

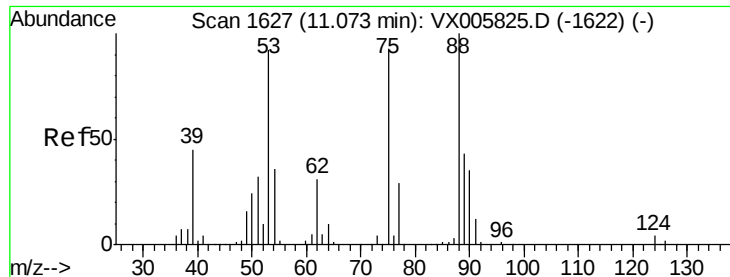
Tot Ion: 91 Resp: 66019
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.768 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005994.D
 Acq: 15 Nov 2018 01:01

Tgt Ion: 105 Resp: 80231
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.593 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

VX1114MBS02

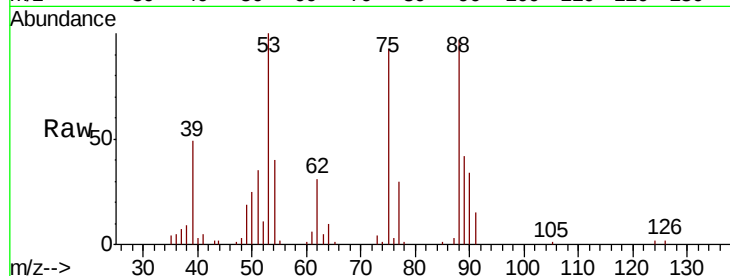
Tot Ion: 75 Resp: 9338

Ion Ratio Lower Upper

75 100

53 105.5 80.2 120.2

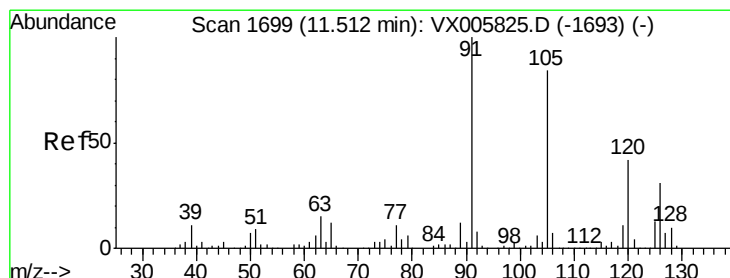
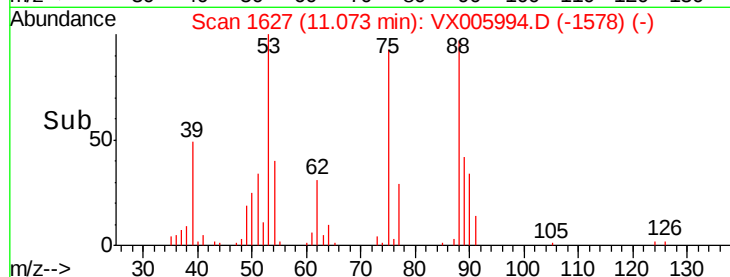
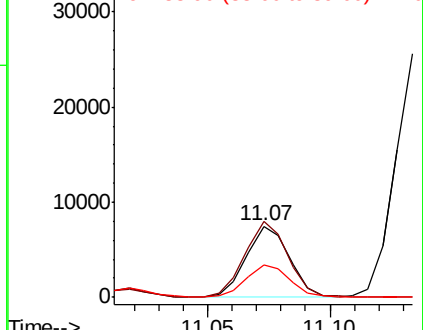
89 45.5 39.8 59.8



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: 20.514 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005994.D

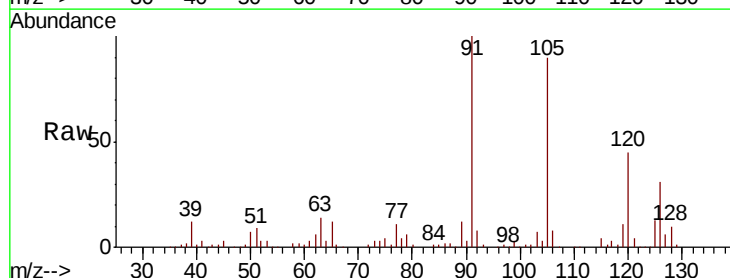
Acq: 15 Nov 2018 01:01

Tgt Ion: 91 Resp: 78291

Ion Ratio Lower Upper

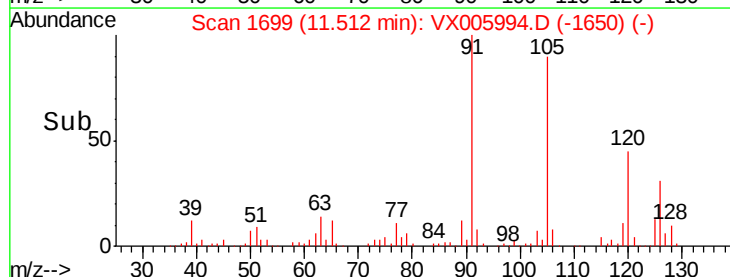
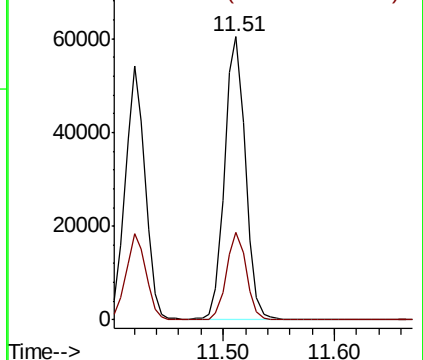
91 100

126 29.6 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

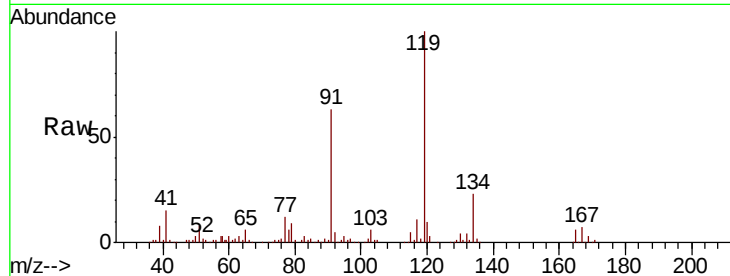




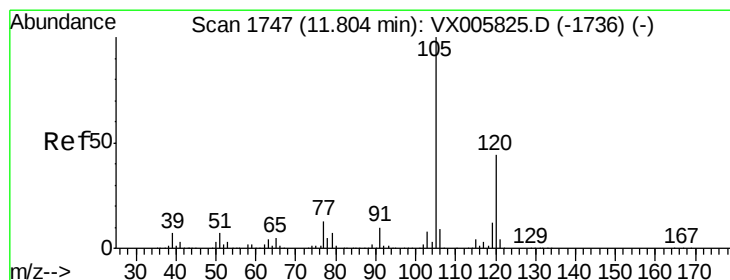
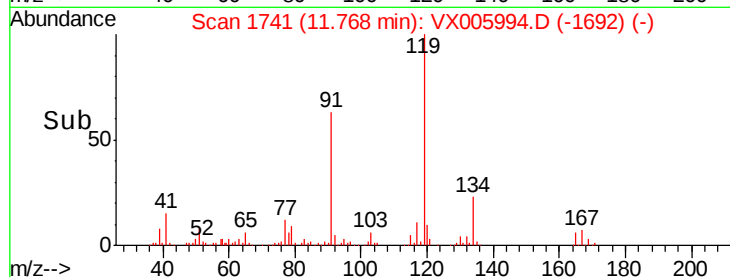
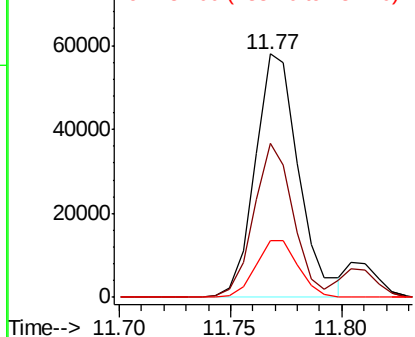
#83
tert-Butylbenzene
Concen: 20.190 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Instrument :
MSVOA_X
ClientSampleId :
VX1114MBS02

Tot Ion:119 Resp: 78909
Ion Ratio Lower Upper
119 100
91 57.4 28.5 85.5
134 22.9 11.3 33.8

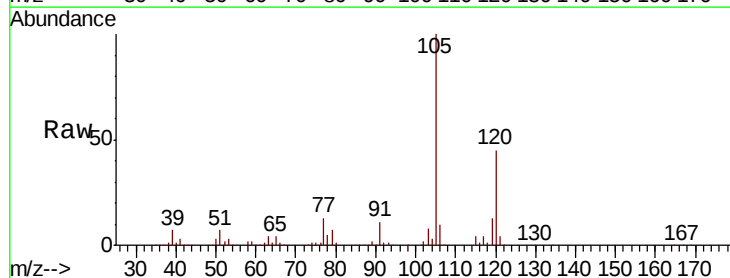


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

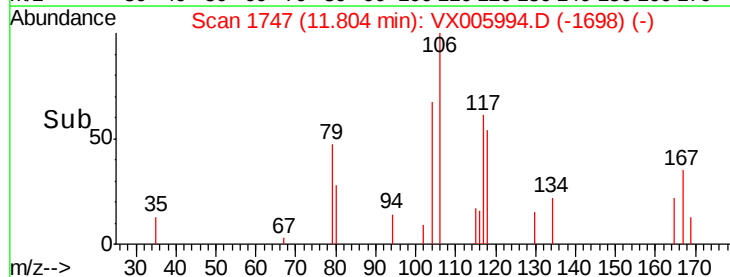
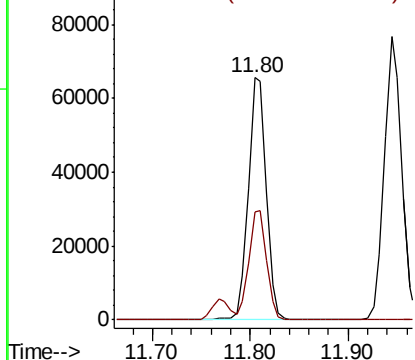


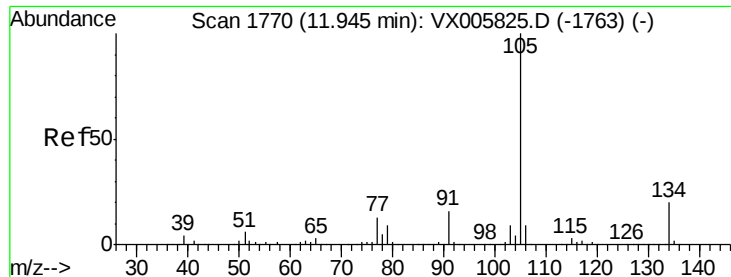
#84
1,2,4-Trimethylbenzene
Concen: 19.435 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Tgt Ion:105 Resp: 83169
Ion Ratio Lower Upper
105 100
120 44.6 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: 19.746 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

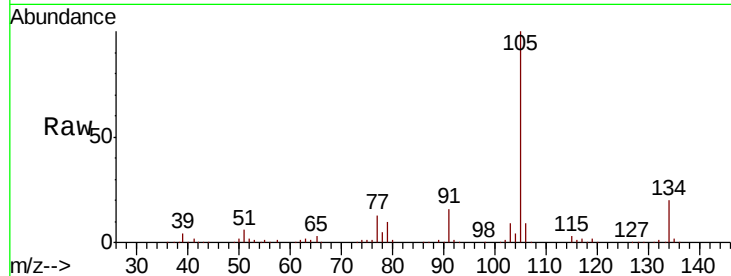
VX1114MBS02

Tot Ion:105 Resp: 94370

Ion Ratio Lower Upper

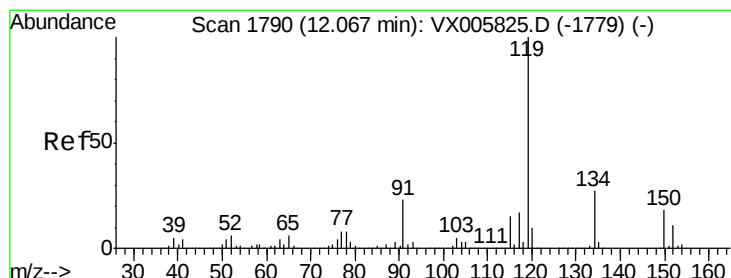
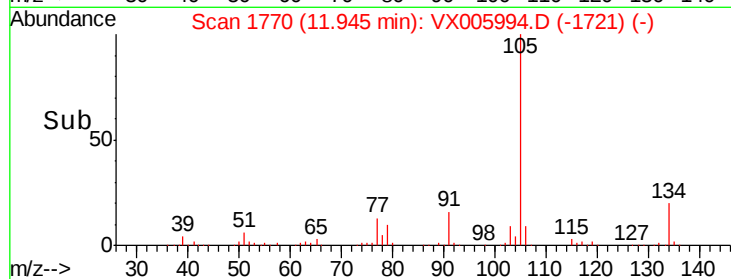
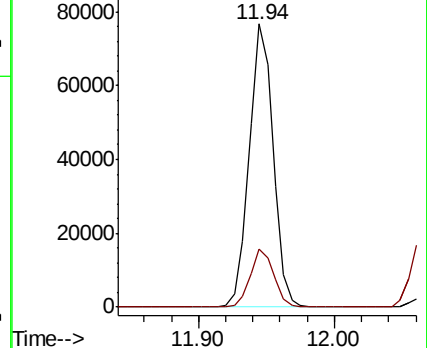
105 100

134 20.1 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.817 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

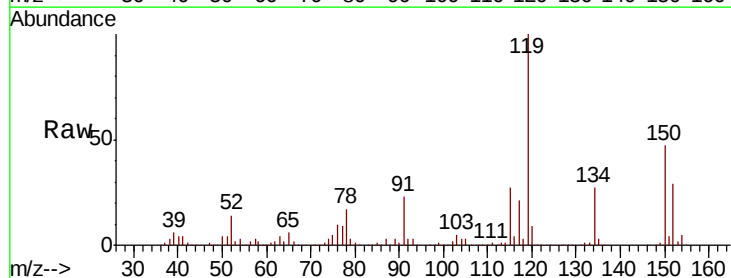
Tgt Ion:119 Resp: 83892

Ion Ratio Lower Upper

119 100

134 27.1 13.0 39.0

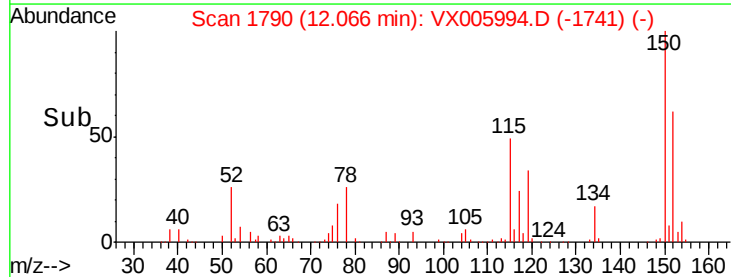
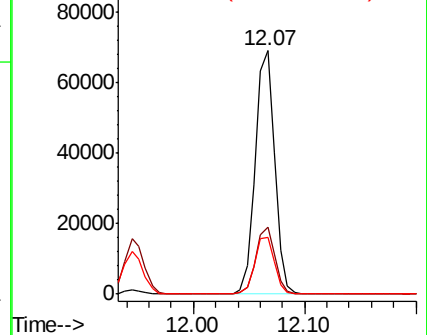
91 23.8 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

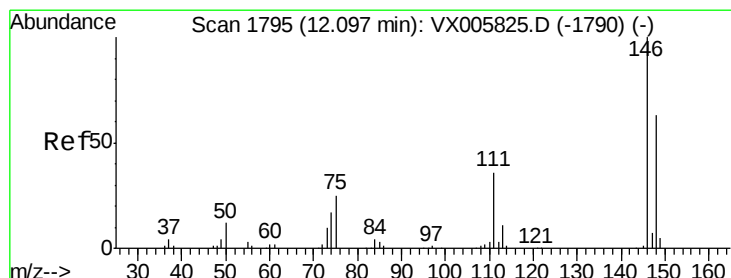
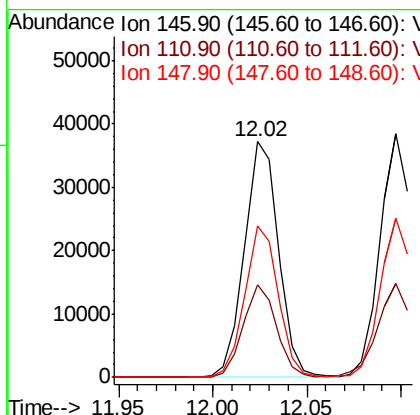
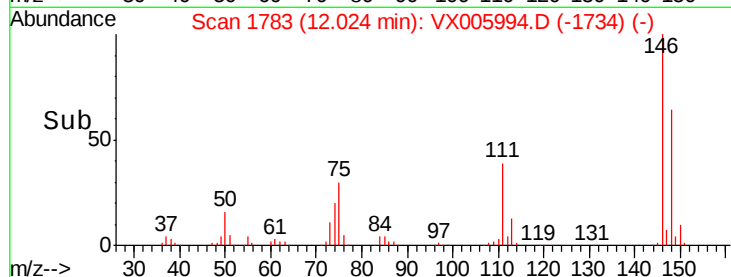
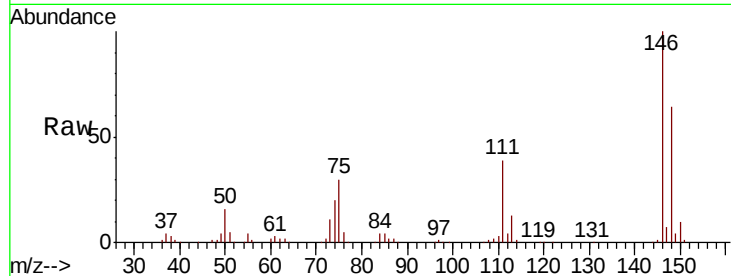




#87
 1,3-Dichlorobenzene
 Concen: 19.014 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005994.D
 Acq: 15 Nov 2018 01:01

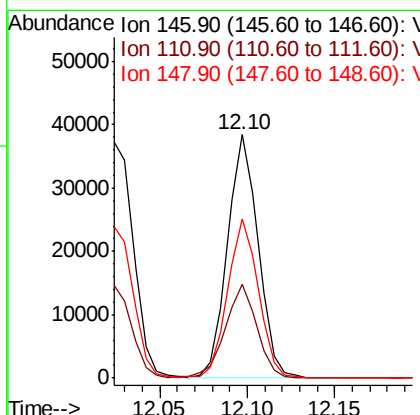
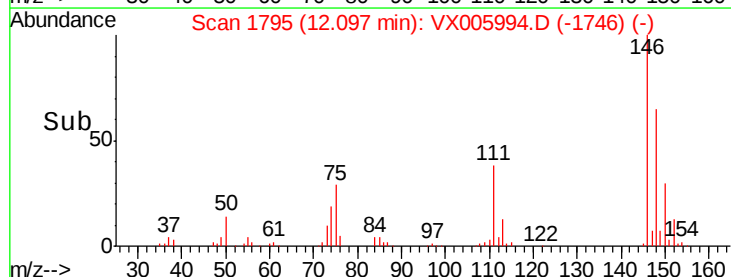
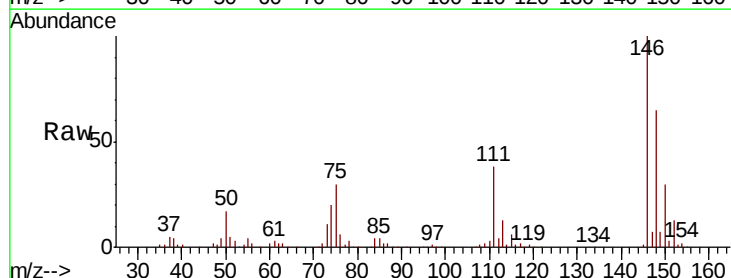
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.0	57.0
148	63.3	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 18.661 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005994.D
 Acq: 15 Nov 2018 01:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	18.6	55.8
148	65.7	32.1	96.3

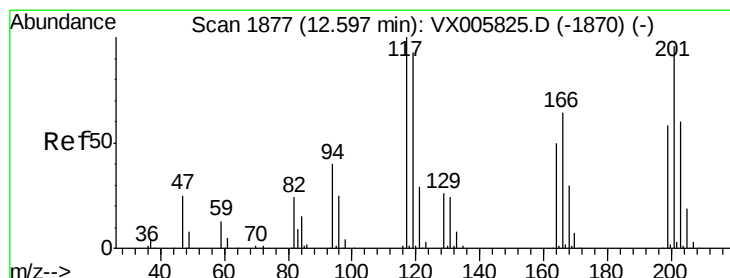
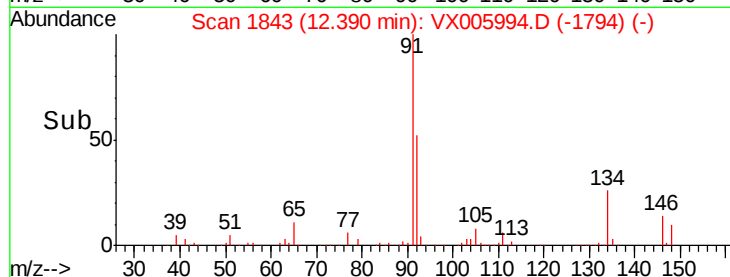
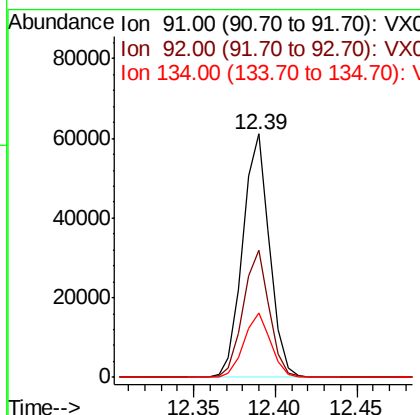
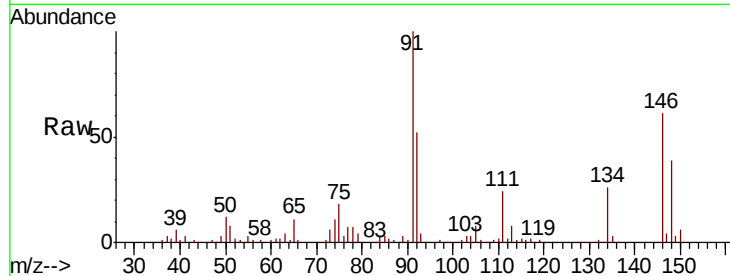




#89
n-Butylbenzene
Concen: 17.913 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

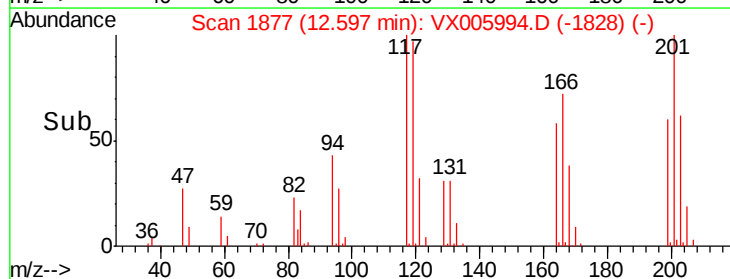
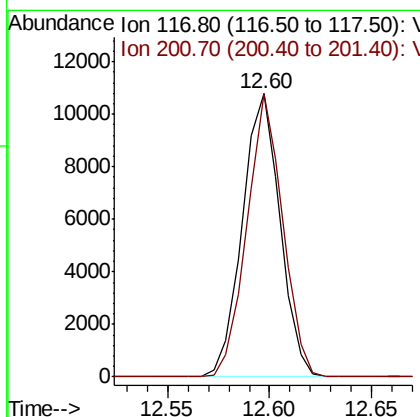
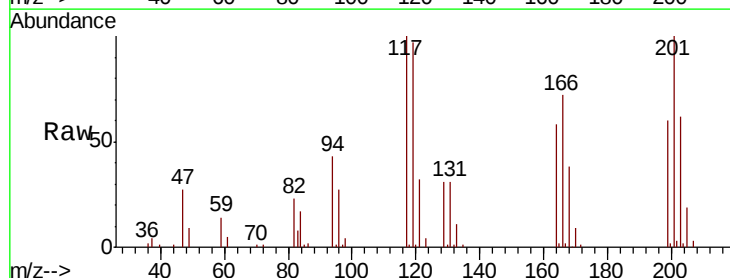
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBS02

Tot Ion: 91 Resp: 70281
Ion Ratio Lower Upper
91 100
92 51.0 26.1 78.2
134 26.2 13.1 39.3



#90
Hexachloroethane
Concen: 19.556 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005994.D
Acq: 15 Nov 2018 01:01

Tgt Ion: 117 Resp: 13822
Ion Ratio Lower Upper
117 100
201 94.9 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 19.219 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

VX1114MBS02

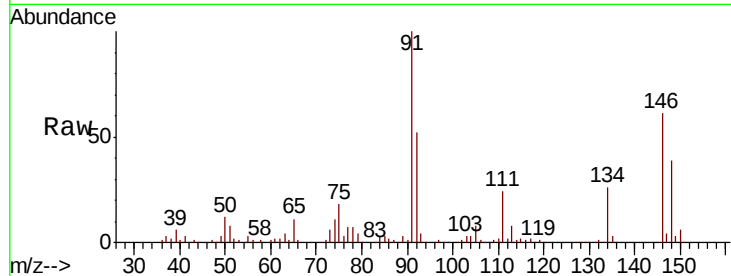
Tot Ion:146 Resp: 47344

Ion Ratio Lower Upper

146 100

111 39.1 20.0 59.9

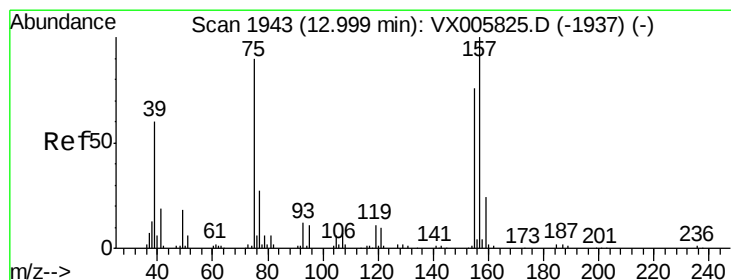
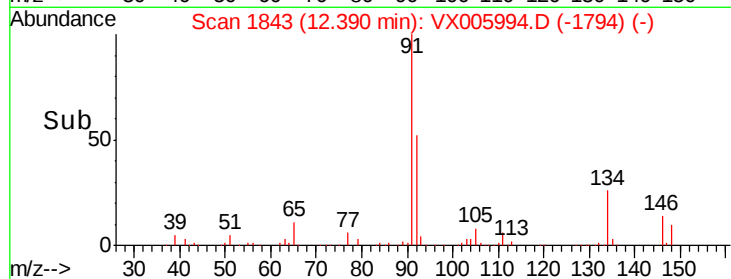
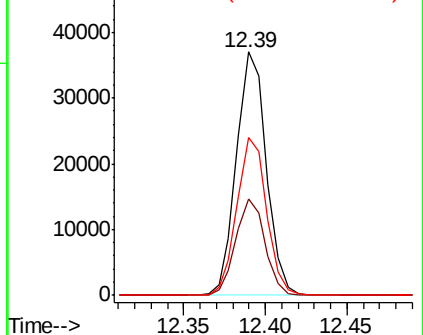
148 64.8 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.131 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

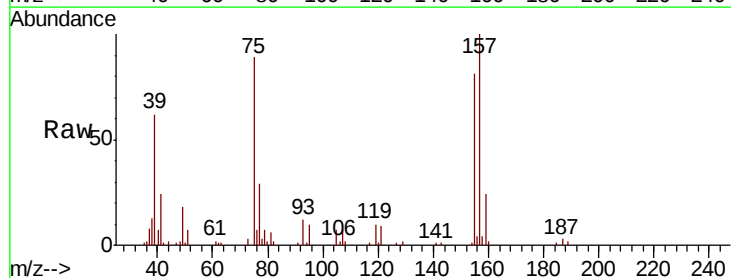
Tgt Ion: 75 Resp: 8197

Ion Ratio Lower Upper

75 100

155 91.4 45.4 136.1

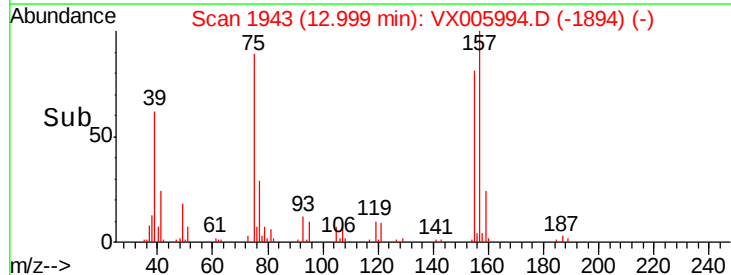
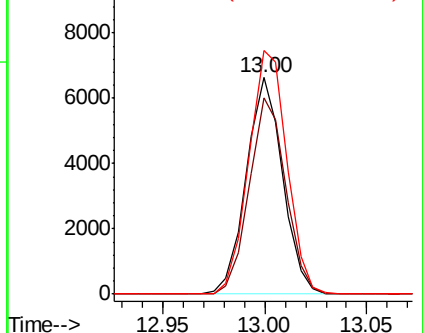
157 118.0 57.4 172.0

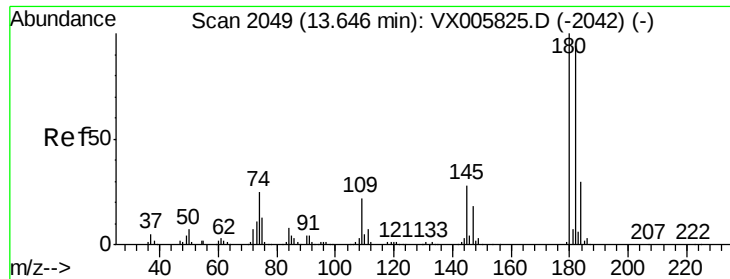


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

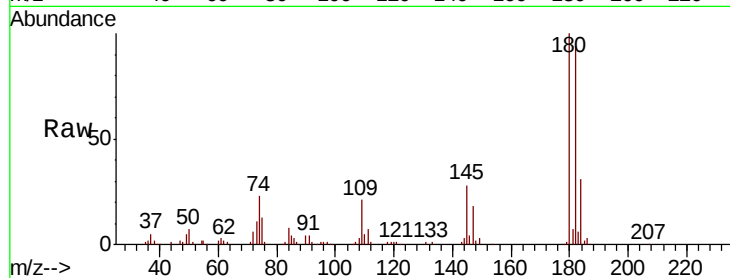




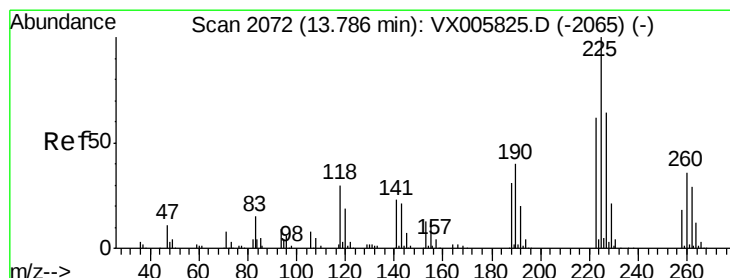
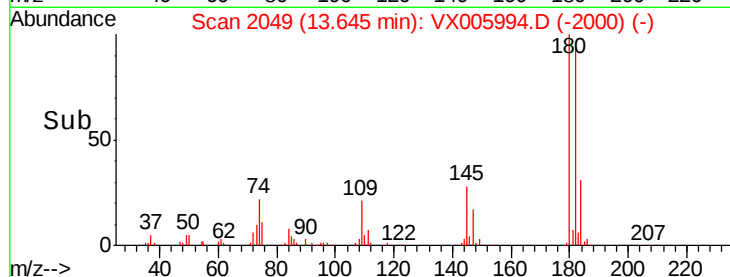
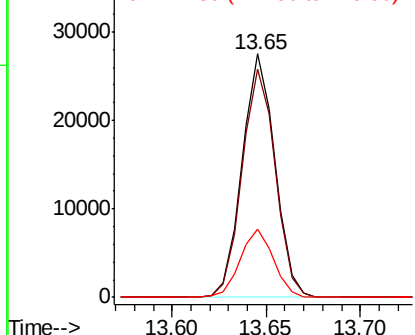
#93
 1,2,4-Trichlorobenzene
 Concen: 19.135 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005994.D
 Acq: 15 Nov 2018 01:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBS02

Tot Ion:180 Resp: 33184
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.6 142.8
 145 28.2 14.1 42.2

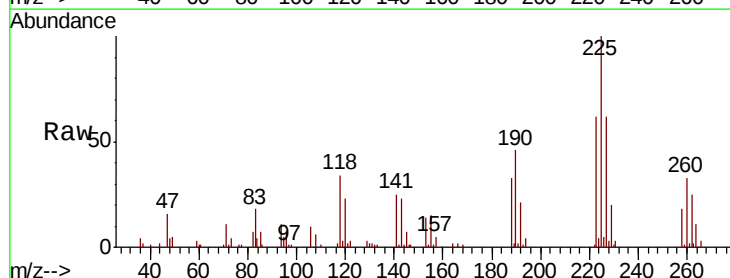


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

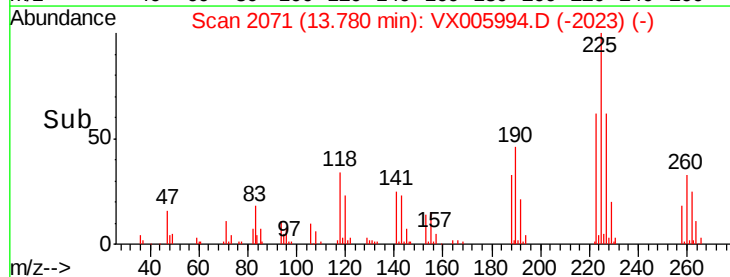
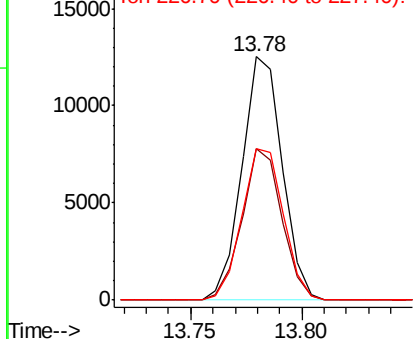


#94
 Hexachlorobutadiene
 Concen: 17.420 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005994.D
 Acq: 15 Nov 2018 01:01

Tgt Ion:225 Resp: 15869
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.7 95.1
 227 64.1 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: 19.077 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

VX1114MBS02

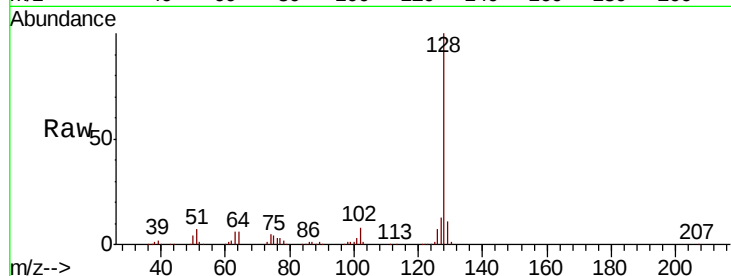
Tot Ion:128 Resp: 103676

Ion Ratio Lower Upper

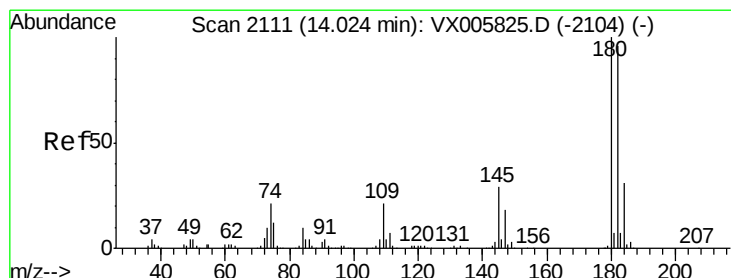
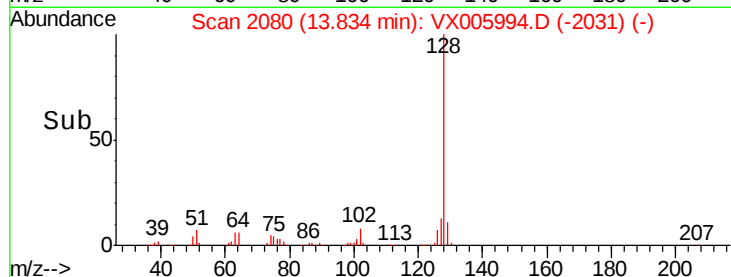
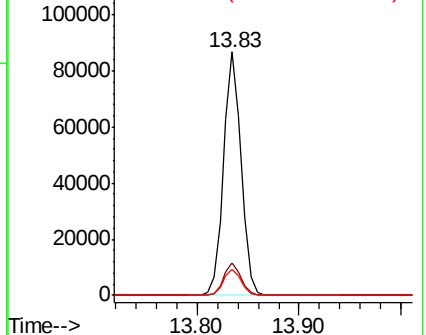
128 100

127 13.0 10.4 15.6

129 10.8 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: 19.591 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005994.D

Acq: 15 Nov 2018 01:01

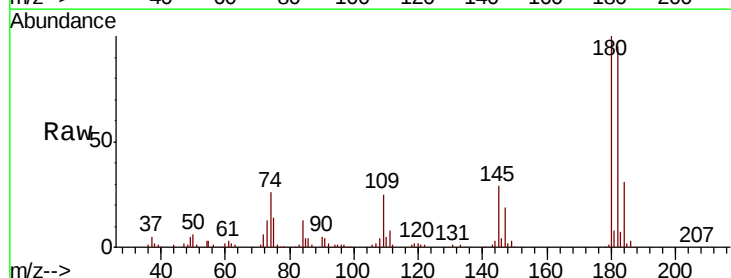
Tgt Ion:180 Resp: 34613

Ion Ratio Lower Upper

180 100

182 95.1 48.0 144.2

145 29.2 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

