

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110518\
 Data File : VX005774.D
 Acq On : 05 Nov 2018 13:24
 Operator : JC/MD
 Sample : VX1105MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 06 00:43:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	150090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	230685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	211860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	101764	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
35) Dibromofluoromethane	5.50	113	80536	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	8.71	98	288750	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
62) 4-Bromofluorobenzene	11.14	95	104860	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35822	20.660	ug/l	100
3) Chloromethane	1.32	50	40139	19.627	ug/l	100
4) Vinyl Chloride	1.40	62	41274	19.398	ug/l	98
5) Bromomethane	1.64	94	35516	13.452	ug/l	100
6) Chloroethane	1.72	64	26749	21.442	ug/l	96
7) Trichlorofluoromethane	1.93	101	52433	19.198	ug/l	89
8) Diethyl Ether	2.19	74	22832	18.599	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31351	18.898	ug/l	91
10) Methyl Iodide	2.51	142	30511	20.102	ug/l	97
11) Tert butyl alcohol	3.06	59	54992	92.280	ug/l	98
12) 1,1-Dichloroethene	2.37	96	29735	18.394	ug/l	99
13) Acrolein	2.29	56	28446	75.647	ug/l	100
14) Allyl chloride	2.73	41	63643	19.040	ug/l	98
15) Acrylonitrile	3.15	53	122725	93.653	ug/l	100
16) Acetone	2.45	43	109634	91.249	ug/l	92
17) Carbon Disulfide	2.57	76	85721	17.256	ug/l	99
18) Methyl Acetate	2.78	43	58244	18.495	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	106873	19.099	ug/l	99
20) Methylene Chloride	2.85	84	33815	17.870	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	31002	18.124	ug/l	91
22) Diisopropyl ether	3.87	45	110608	17.838	ug/l #	94
23) Vinyl Acetate	3.82	43	482320	89.304	ug/l	99
24) 1,1-Dichloroethane	3.69	63	62495	17.824	ug/l	100
25) 2-Butanone	4.70	43	163645	88.406	ug/l	96
26) 2,2-Dichloropropane	4.59	77	48233	18.403	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	34376	17.885	ug/l	95
28) Bromochloromethane	5.02	49	33660	19.678	ug/l	93
29) Tetrahydrofuran	5.15	42	100350	88.820	ug/l	95
30) Chloroform	5.21	83	63441	18.507	ug/l	90
31) Cyclohexane	5.57	56	49574	16.908	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	50344	18.350	ug/l	97
36) 1,1-Dichloropropene	5.79	75	43232	17.590	ug/l	99
37) Ethyl Acetate	4.85	43	59031	18.826	ug/l	98
38) Carbon Tetrachloride	5.78	117	41266	18.584	ug/l	95

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 06 00:43:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	45224	17.643	ug/l	96
40) Benzene	6.15	78	136188	18.626	ug/l	97
41) Methacrylonitrile	5.06	41	30426	17.959	ug/l	93
42) 1,2-Dichloroethane	6.20	62	49814	18.431	ug/l	99
43) Isopropyl Acetate	6.46	43	82794	18.192	ug/l	98
44) Trichloroethene	7.21	130	31685	18.736	ug/l	92
45) 1,2-Dichloropropane	7.51	63	36458	19.457	ug/l	96
46) Dibromomethane	7.66	93	21935	18.317	ug/l	91
47) Bromodichloromethane	7.90	83	41821	18.619	ug/l	97
48) Methyl methacrylate	7.77	41	39754	18.048	ug/l	96
49) 1,4-Dioxane	7.75	88	17908	365.105	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	285756	92.084	ug/l	97
52) Toluene	8.79	92	76389	19.315	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	44349	18.219	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	49779	19.087	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	33345	19.414	ug/l	99
56) Ethyl methacrylate	9.18	69	46348	17.582	ug/l	99
57) 1,3-Dichloropropane	9.37	76	56244	19.063	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	143630	93.489	ug/l	95
59) 2-Hexanone	9.49	43	228018	90.290	ug/l	98
60) Dibromochloromethane	9.59	129	31146	18.766	ug/l	98
61) 1,2-Dibromoethane	9.67	107	32986	18.847	ug/l	99
64) Tetrachloroethene	9.34	164	31377	20.272	ug/l	97
65) Chlorobenzene	10.14	112	83802	18.614	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	29363	19.052	ug/l	97
67) Ethyl Benzene	10.25	91	142637	18.564	ug/l	98
68) m/p-Xylenes	10.36	106	108933	38.154	ug/l	97
69) o-Xylene	10.70	106	50788	18.599	ug/l	97
70) Styrene	10.71	104	86275	19.023	ug/l	98
71) Bromoform	10.86	173	23107	18.504	ug/l	# 98
73) Isopropylbenzene	11.02	105	141134	19.040	ug/l	99
74) N-amyl acetate	10.90	43	67769	17.172	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	54896	17.851	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	64299	22.978	ug/l	86
77) Bromobenzene	11.26	156	34825	18.939	ug/l	89
78) n-propylbenzene	11.36	91	171912	19.065	ug/l	96
79) 2-Chlorotoluene	11.42	91	101764	18.896	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	120578	19.158	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	15634	18.051	ug/l	97
82) 4-Chlorotoluene	11.51	91	120148	18.687	ug/l	97
83) tert-Butylbenzene	11.77	119	111262	18.528	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	123298	19.401	ug/l	99
85) sec-Butylbenzene	11.94	105	144222	18.722	ug/l	98
86) p-Isopropyltoluene	12.07	119	124379	18.985	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	66013	18.567	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	67932	17.786	ug/l	97
89) n-Butylbenzene	12.39	91	116830	17.675	ug/l	98
90) Hexachloroethane	12.60	117	20517	17.652	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	67042	18.050	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12549	17.398	ug/l	89

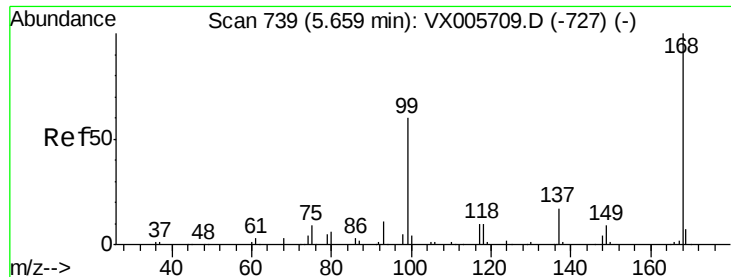
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110518\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44157	18.536	ug/l	99
94) Hexachlorobutadiene	13.78	225	21884	18.989	ug/l	97
95) Naphthalene	13.83	128	145416	18.561	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	46491	19.169	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: VX005774.D

Acq: 05 Nov 2018 13:24

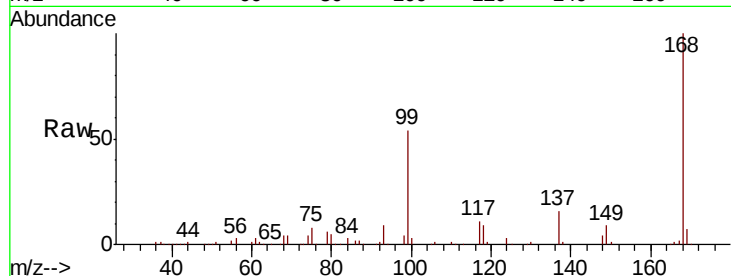
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 150090

Ion Ratio Lower Upper

168 100

99 53.7 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

60000

50000

40000

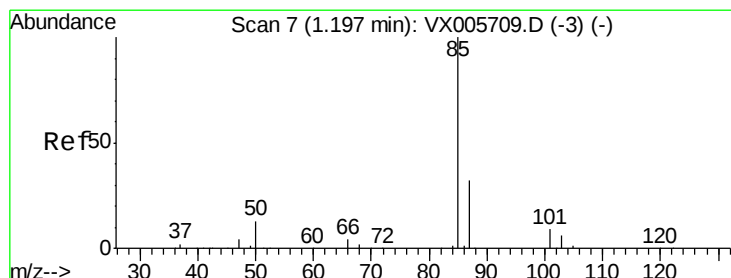
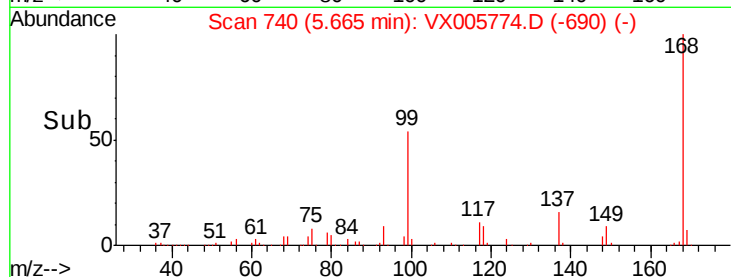
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.660 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005774.D

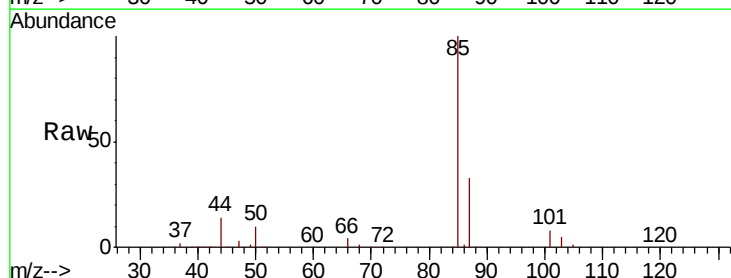
Acq: 05 Nov 2018 13:24

Tgt Ion: 85 Resp: 35822

Ion Ratio Lower Upper

85 100

87 32.7 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

40000

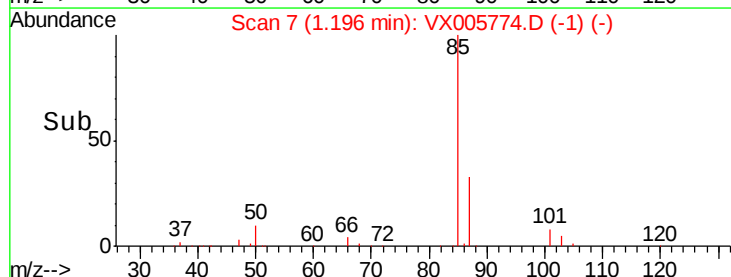
30000

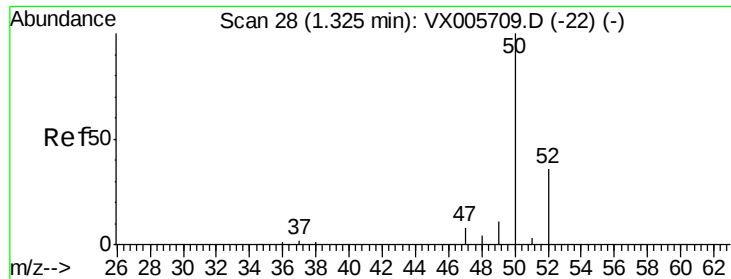
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.627 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

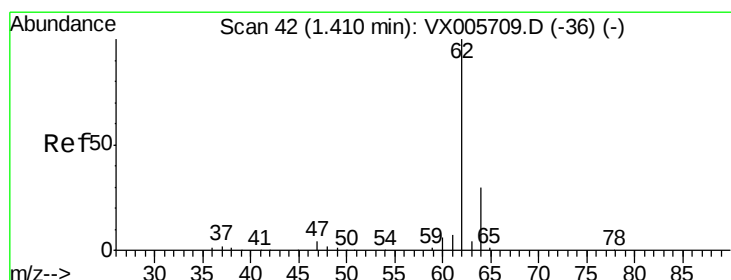
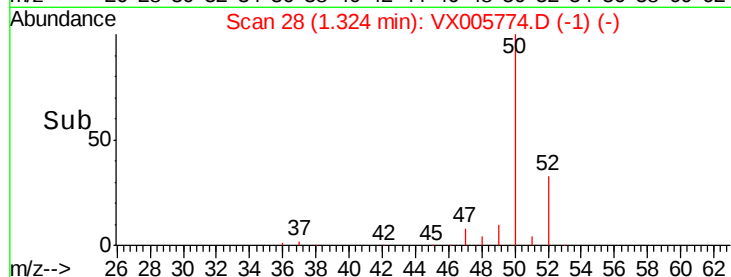
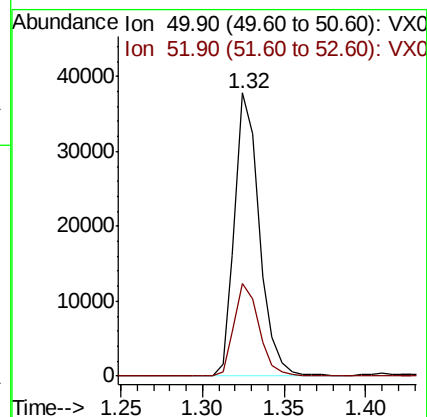
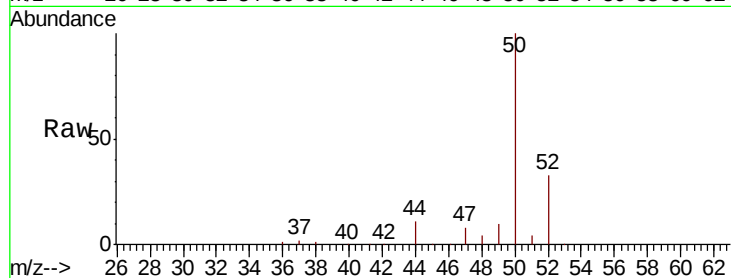
ClientSampleId :

Tot Ion: 50 Resp: 40139

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 19.398 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX005774.D

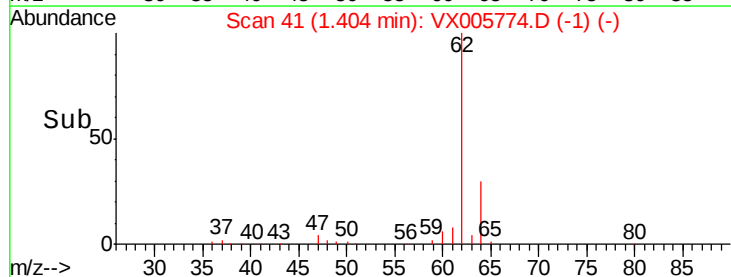
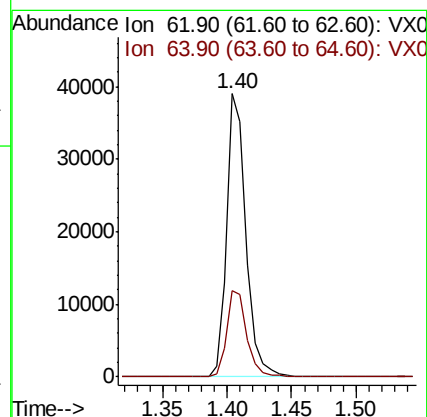
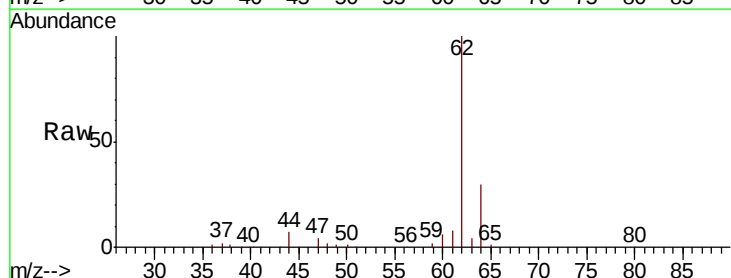
Acq: 05 Nov 2018 13:24

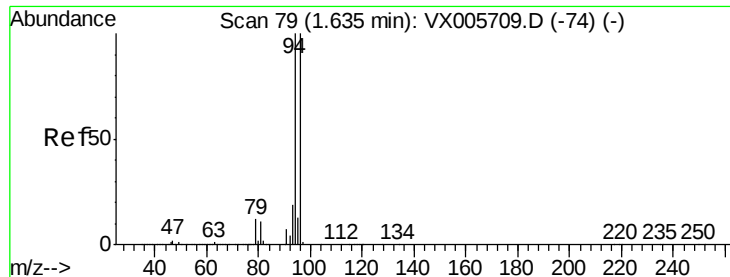
Tgt Ion: 62 Resp: 41274

Ion Ratio Lower Upper

62 100

64 30.4 25.3 37.9





#5

Bromomethane

Concen: 13.452 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

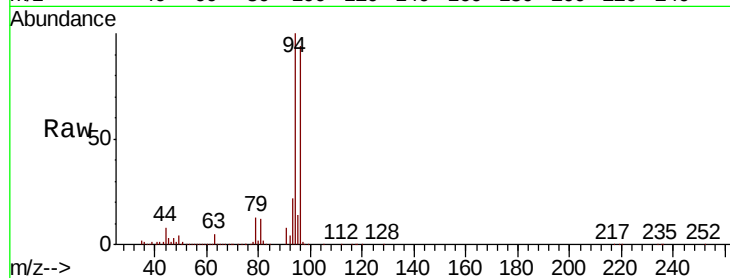
ClientSampleId :

Tot Ion: 94 Resp: 35516

Ion Ratio Lower Upper

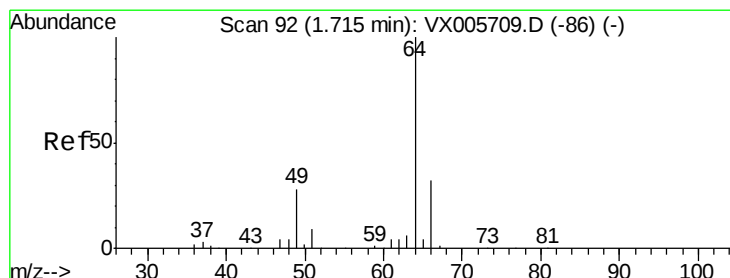
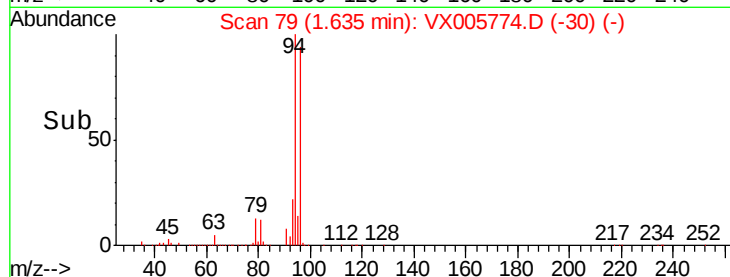
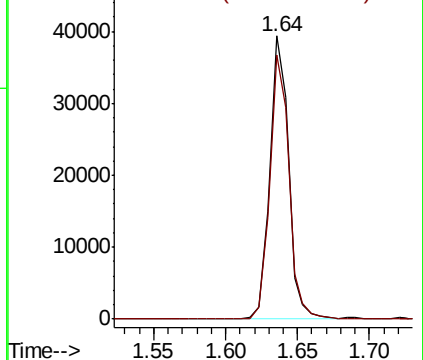
94 100

96 93.6 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: 21.442 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005774.D

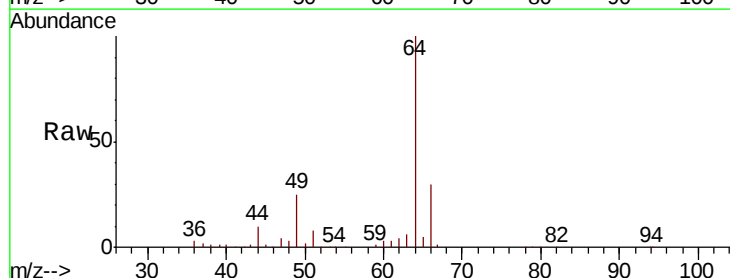
Acq: 05 Nov 2018 13:24

Tgt Ion: 64 Resp: 26749

Ion Ratio Lower Upper

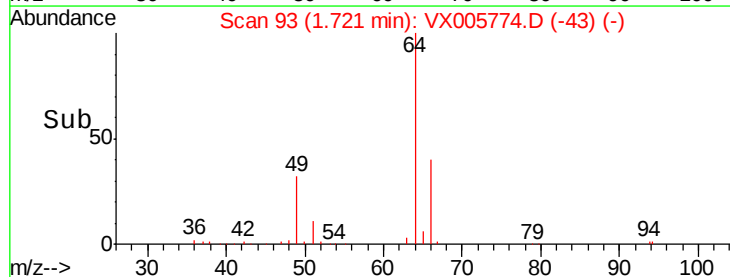
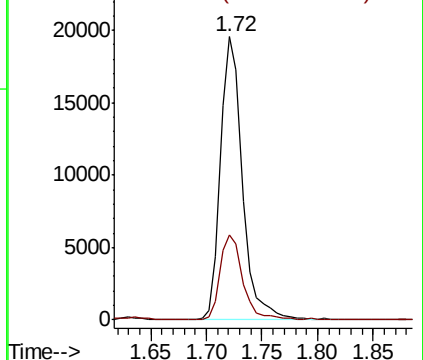
64 100

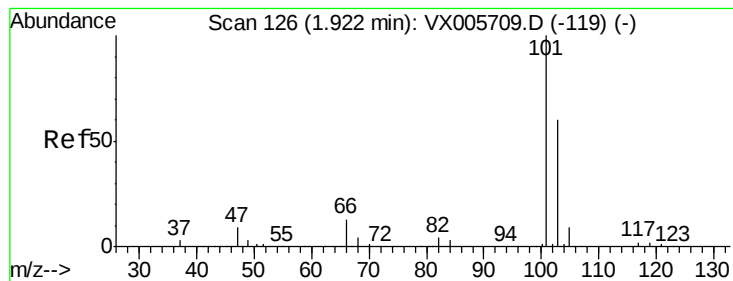
66 30.1 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



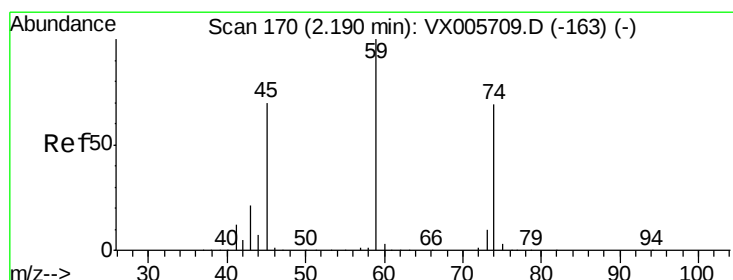
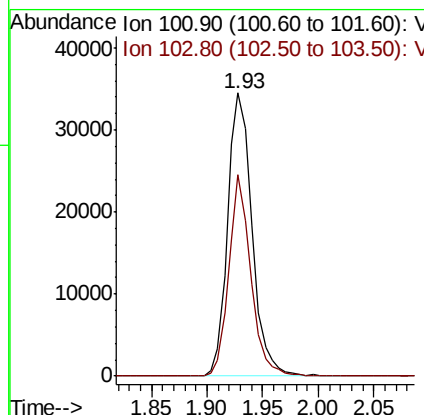
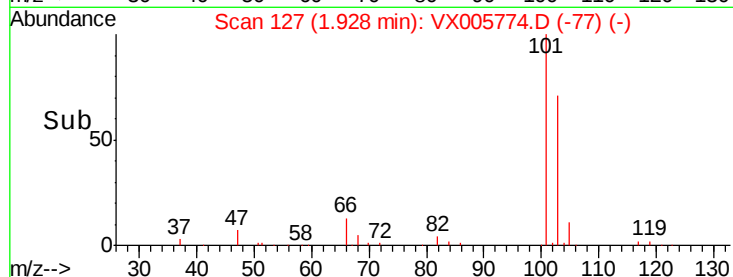
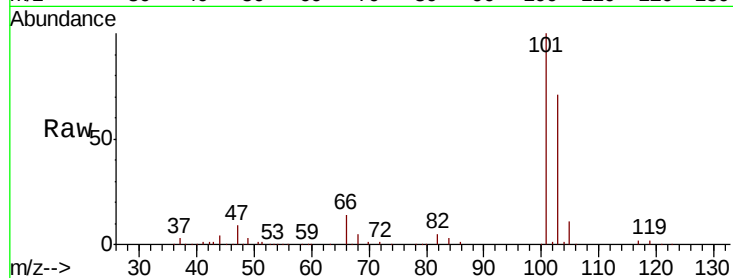


#7

Trichlorofluoromethane
 Concen: 19.198 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :

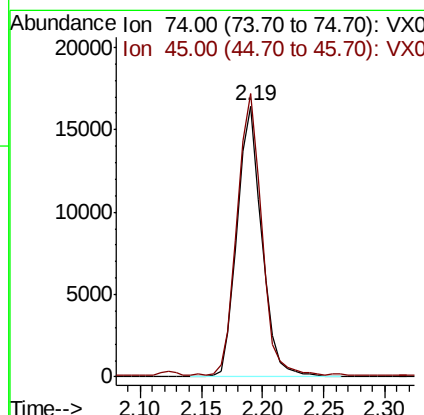
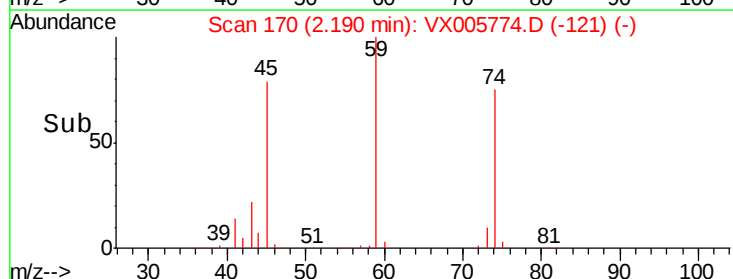
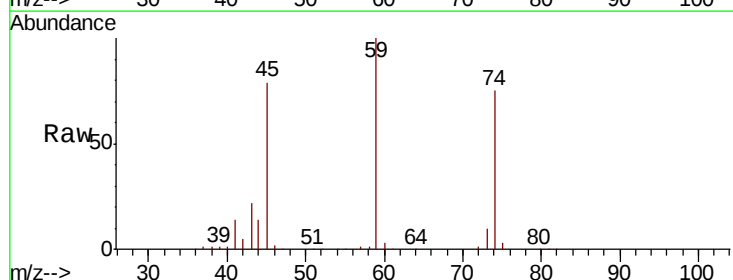
Tot Ion:101 Resp: 52433
 Ion Ratio Lower Upper
 101 100
 103 71.2 50.0 75.0

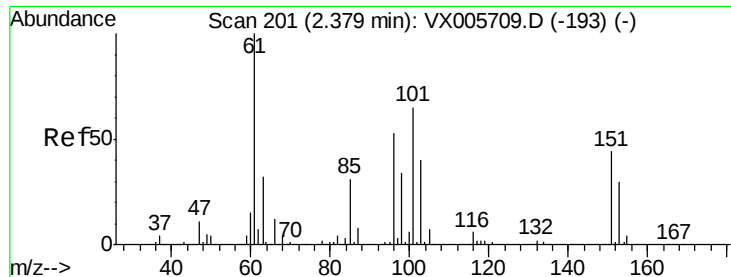


#8

Diethyl Ether
 Concen: 18.599 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion: 74 Resp: 22832
 Ion Ratio Lower Upper
 74 100
 45 104.0 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.898 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

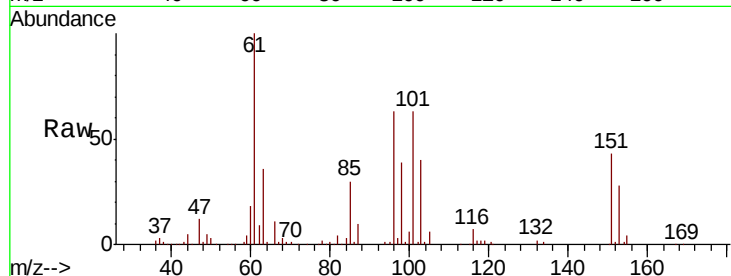
Tot Ion:101 Resp: 31351

Ion Ratio Lower Upper

101 100

85 45.7 35.0 52.4

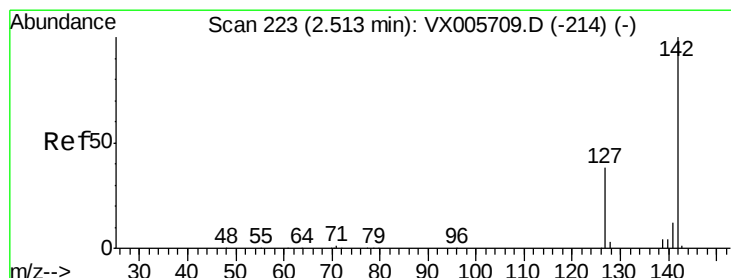
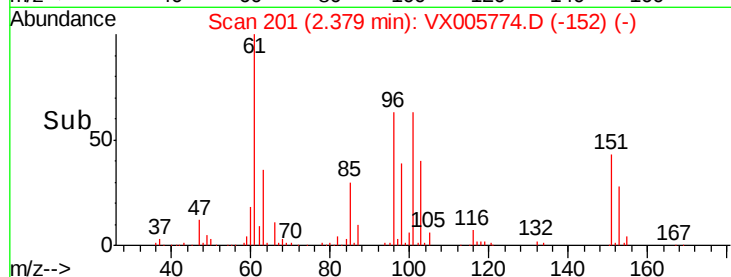
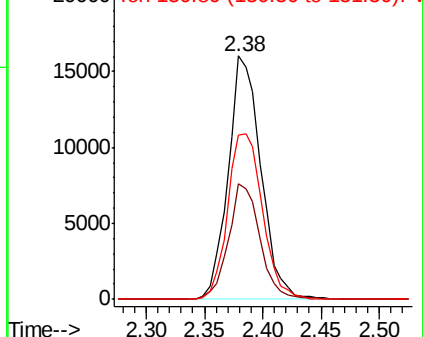
151 71.9 66.2 99.2



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: 20.102 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

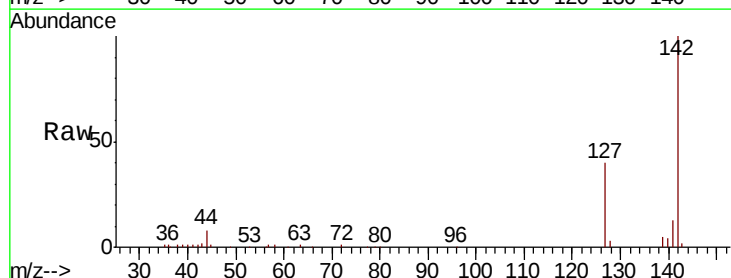
Tgt Ion:142 Resp: 30511

Ion Ratio Lower Upper

142 100

127 43.0 36.0 54.0

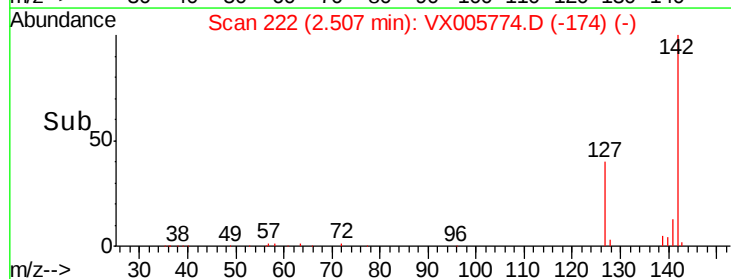
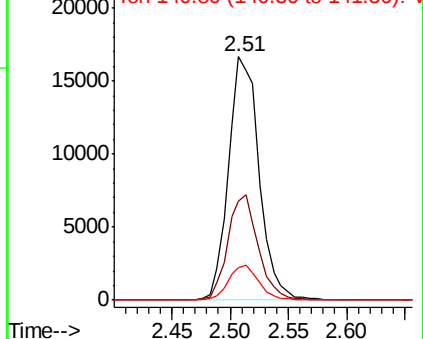
141 14.1 11.7 17.5

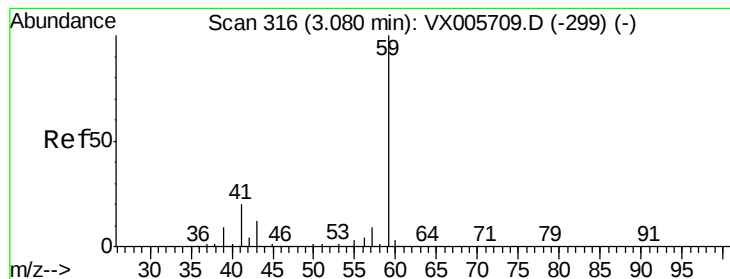


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



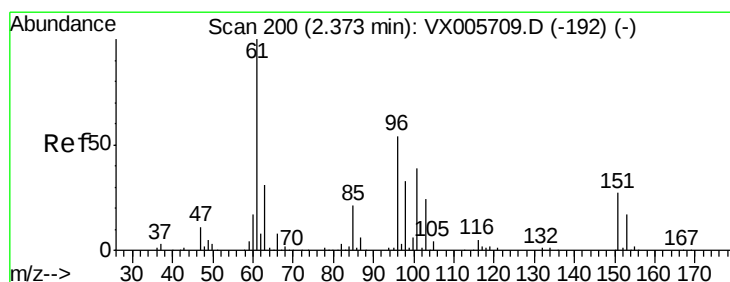
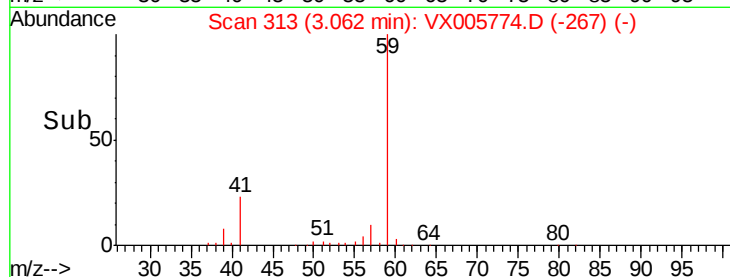
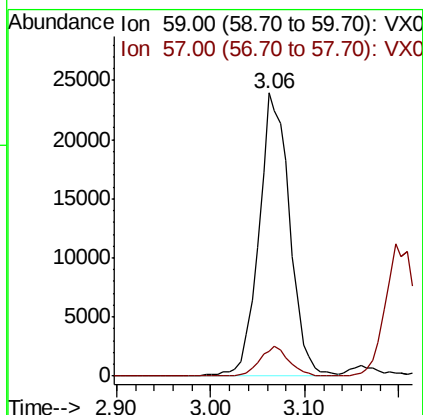
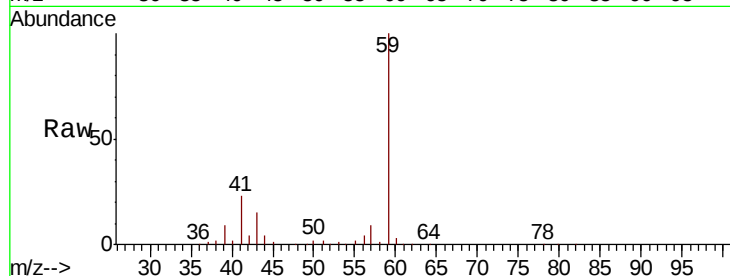


#11

Tert butvl alcohol
 Concen: 92.280 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampled :

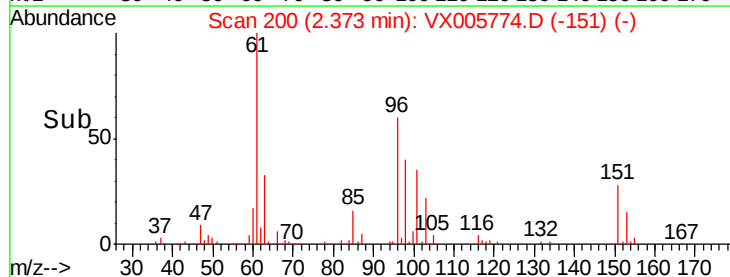
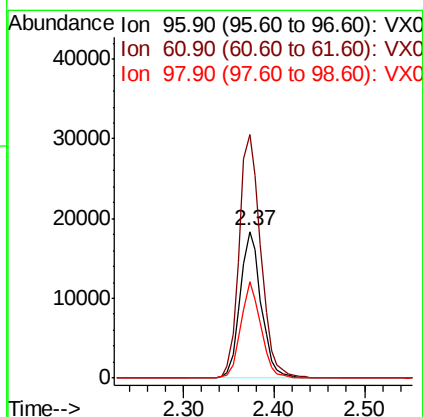
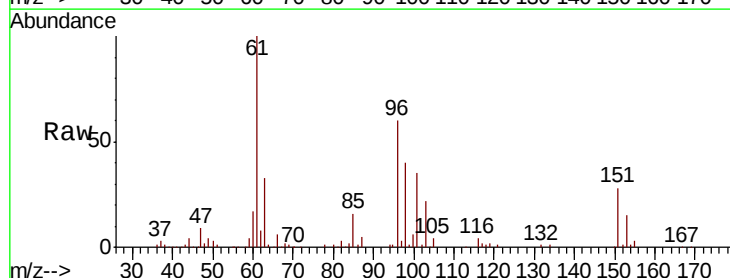
Tot Ion: 59 Resp: 54992
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.5 12.7

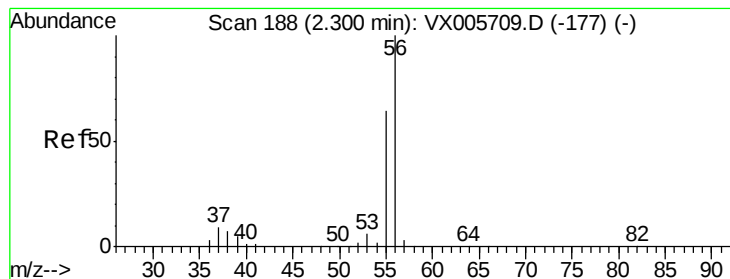


#12

1,1-Dichloroethene
 Concen: 18.394 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion: 96 Resp: 29735
 Ion Ratio Lower Upper
 96 100
 61 165.7 131.8 197.8
 98 66.0 53.4 80.2





#13

Acrolein

Concen: 75.647 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

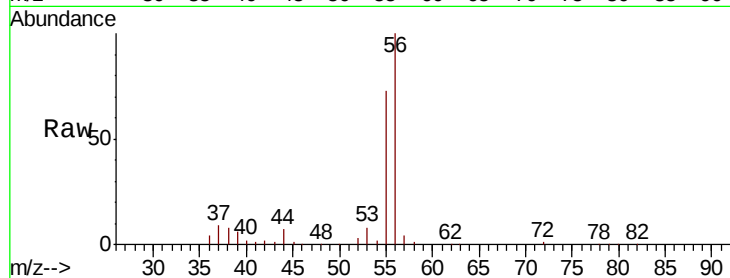
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 28446

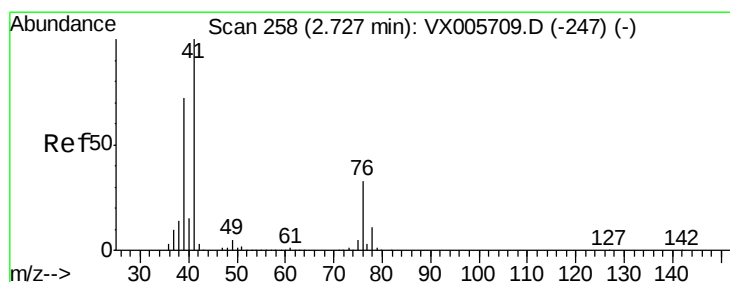
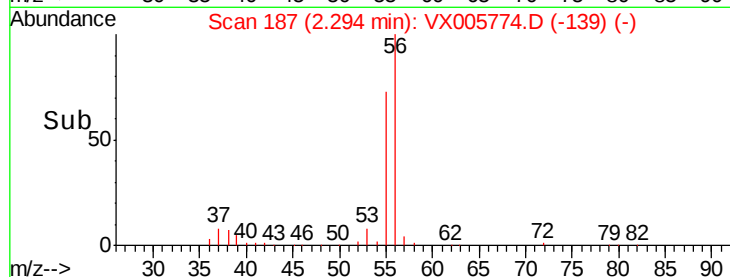
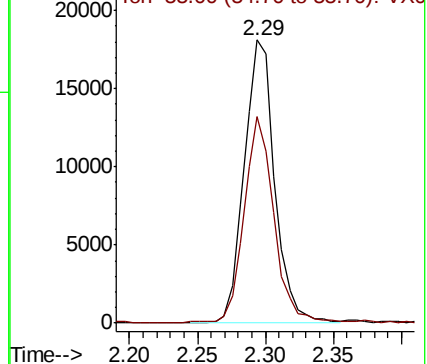
Ion Ratio Lower Upper

56 100

55 71.9 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.040 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

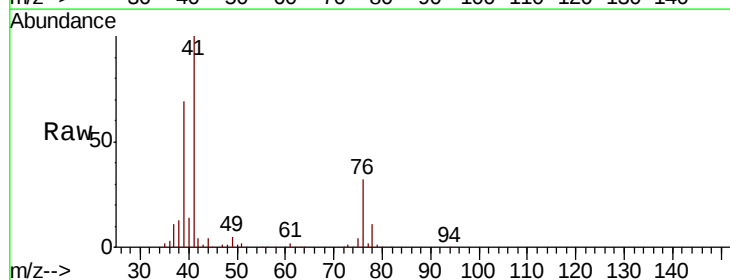
Tgt Ion: 41 Resp: 63643

Ion Ratio Lower Upper

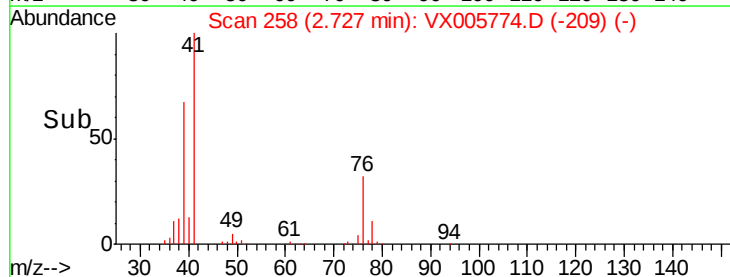
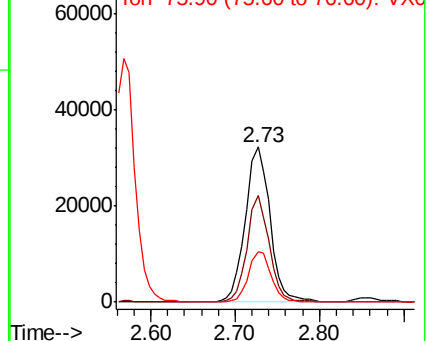
41 100

39 60.1 48.2 72.4

76 29.7 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





#15

Acrylonitrile

Concen: 93.653 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :

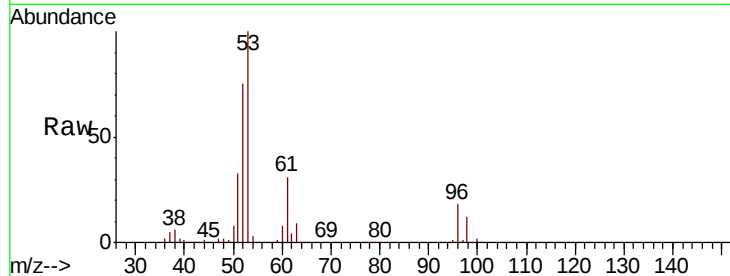
Tot Ion: 53 Resp: 122725

Ion Ratio Lower Upper

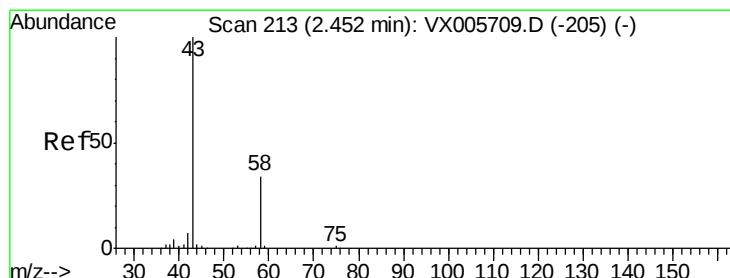
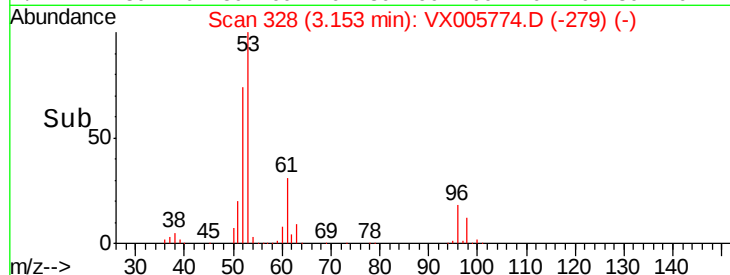
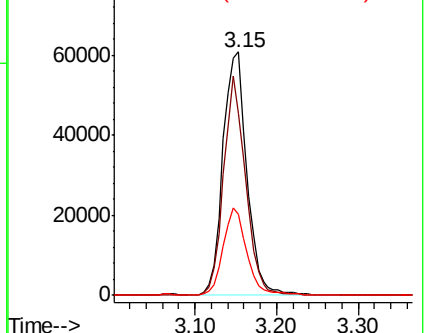
53 100

52 83.3 66.6 99.8

51 35.5 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: 91.249 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX005774.D

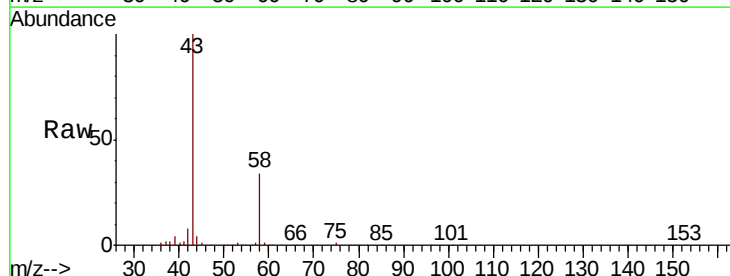
Acq: 05 Nov 2018 13:24

Tgt Ion: 43 Resp: 109634

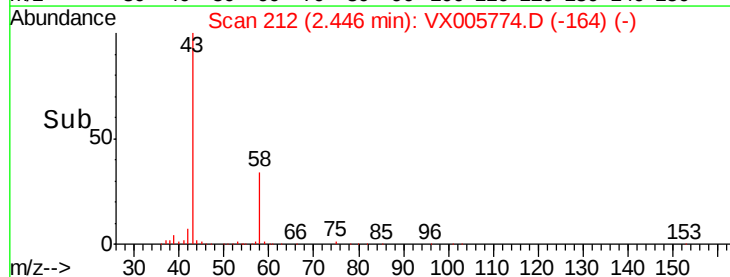
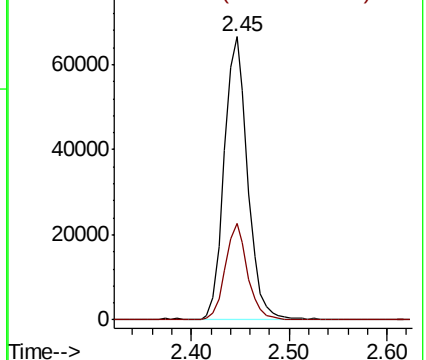
Ion Ratio Lower Upper

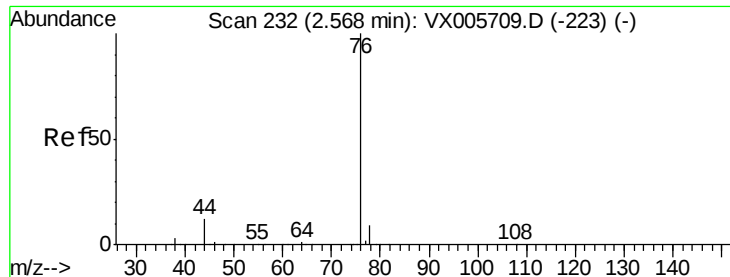
43 100

58 34.2 23.8 35.6



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

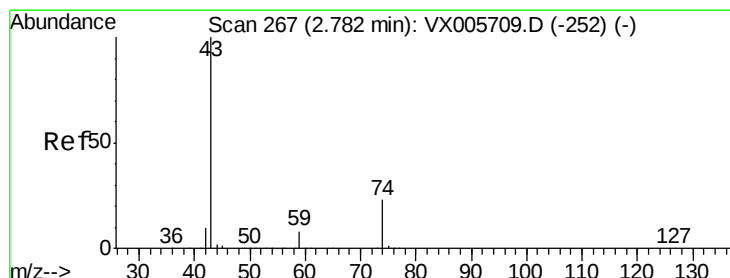
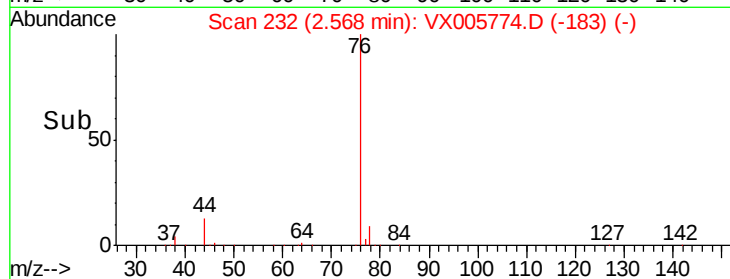
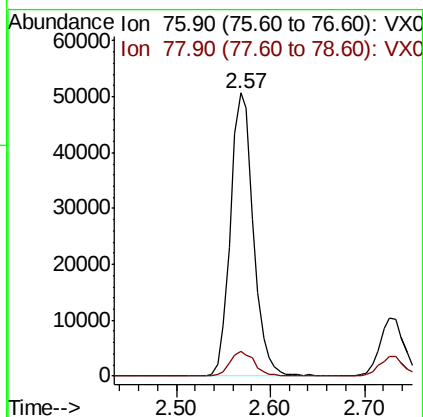
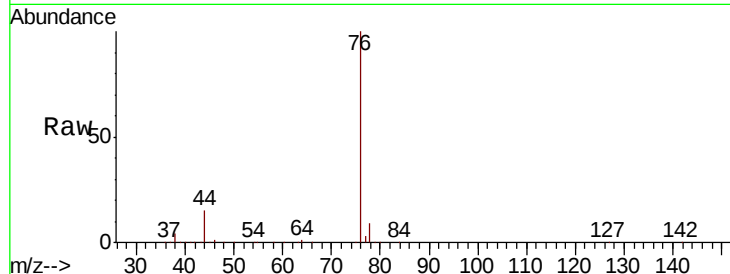




#17
Carbon Disulfide
Concen: 17.256 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

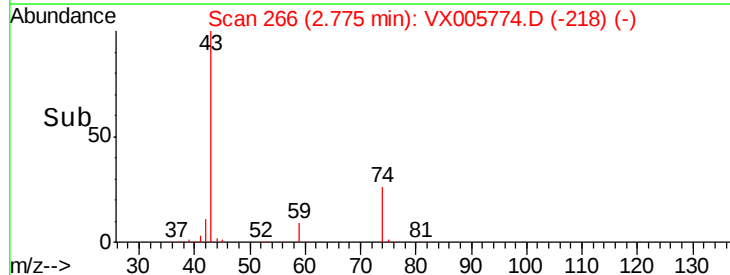
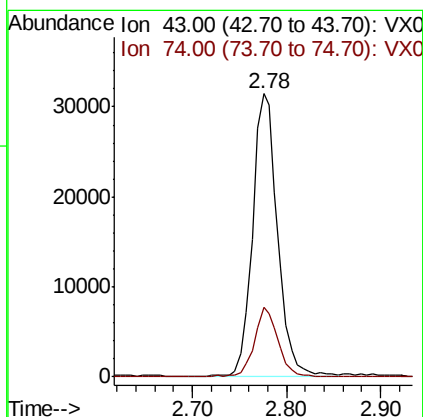
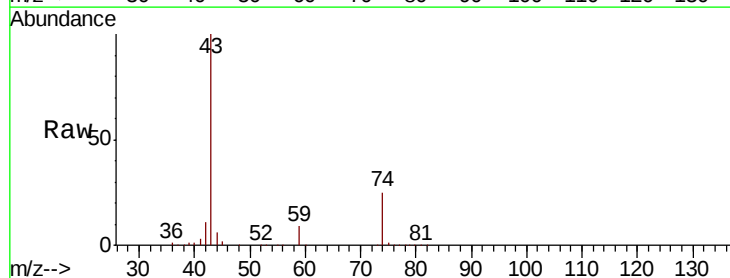
Instrument :
MSVOA_X
ClientSampled :

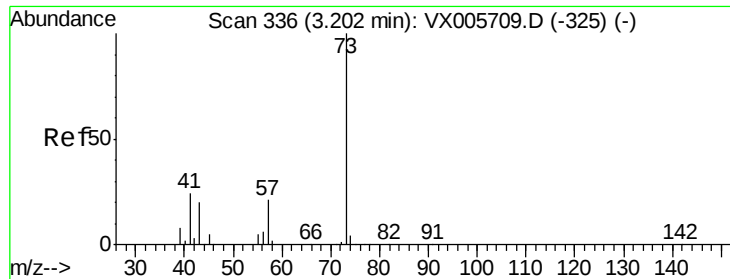
Tot Ion: 76 Resp: 85721
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 18.495 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion: 43 Resp: 58244
Ion Ratio Lower Upper
43 100
74 23.8 16.8 25.2



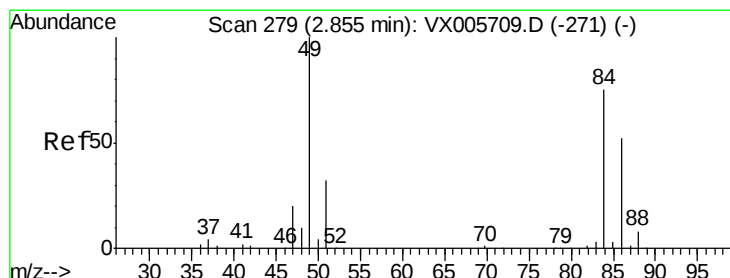
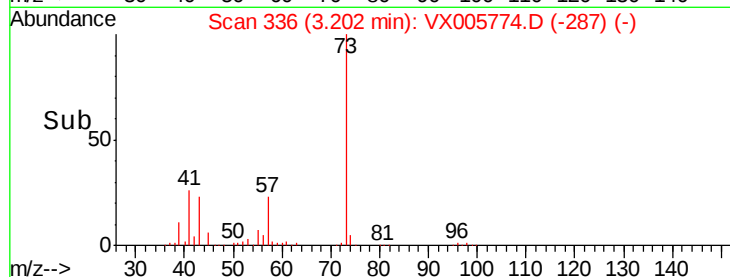
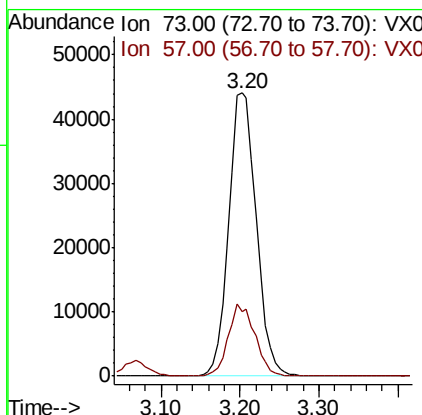
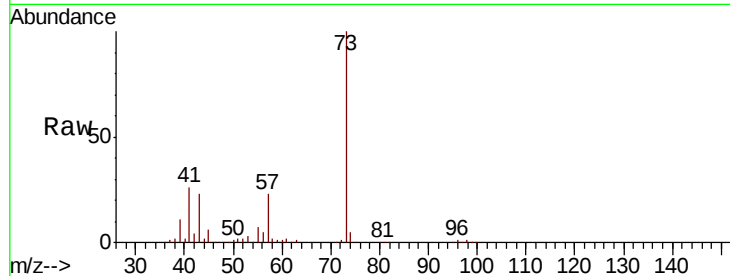


#19

Methyl tert-butyl Ether
 Concen: 19.099 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampled :

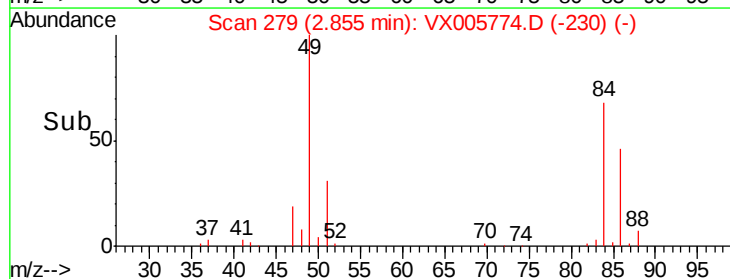
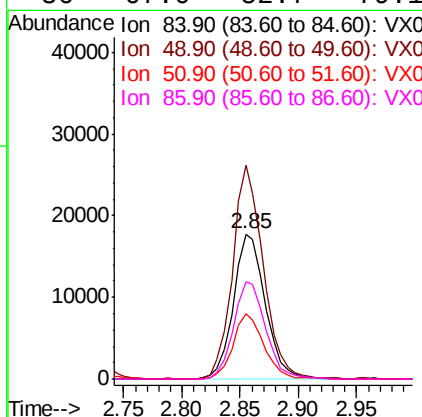
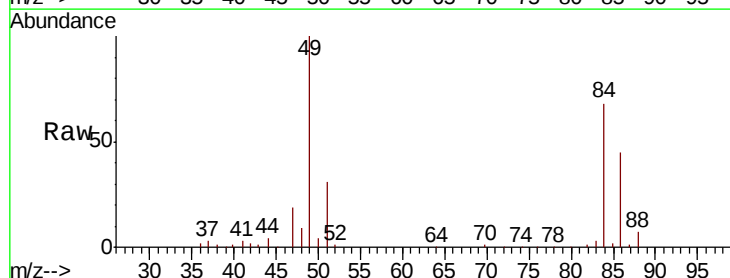
Tot Ion: 73 Resp: 106873
 Ion Ratio Lower Upper
 73 100
 57 22.8 18.8 28.2

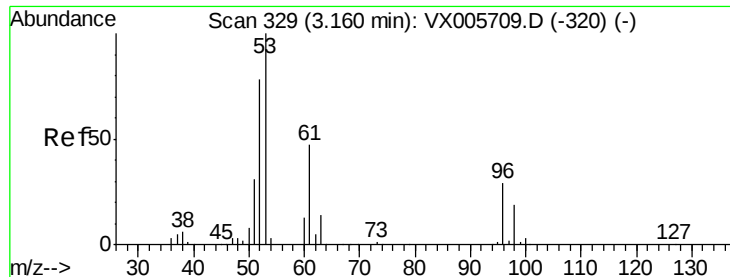


#20

Methylene Chloride
 Concen: 17.870 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion: 84 Resp: 33815
 Ion Ratio Lower Upper
 84 100
 49 147.3 109.5 164.3
 51 45.2 33.3 49.9
 86 67.0 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 18.124 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :

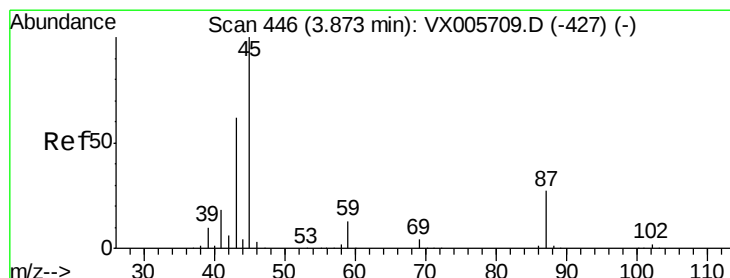
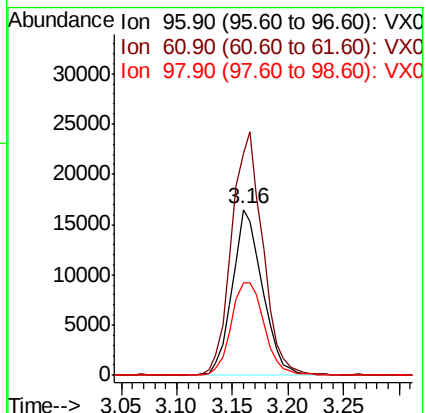
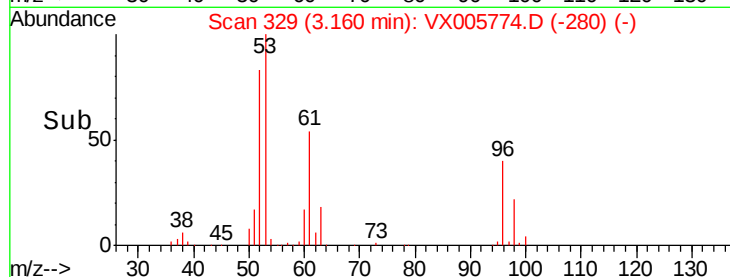
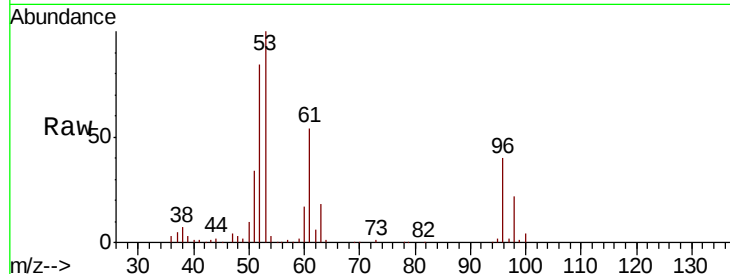
Tot Ion: 96 Resp: 31002

Ion Ratio Lower Upper

96 100

61 133.8 115.6 173.4

98 55.5 50.2 75.2



#22

Diisopropyl ether

Concen: 17.838 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Tgt Ion: 45 Resp: 110608

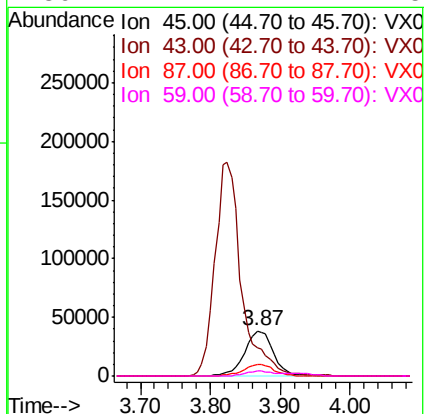
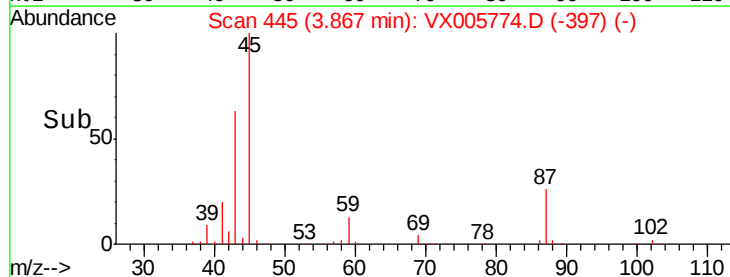
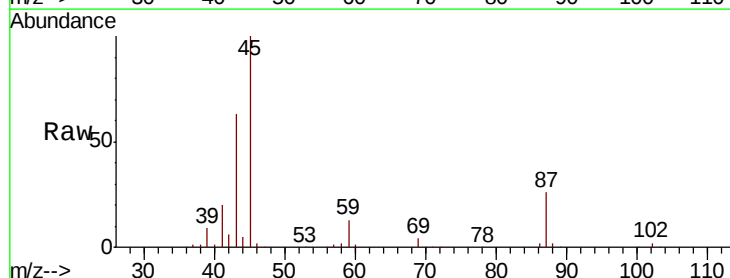
Ion Ratio Lower Upper

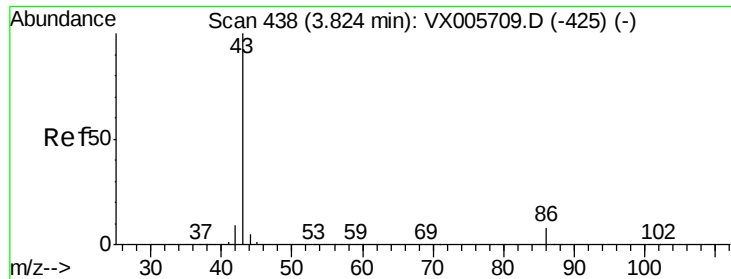
45 100

43 62.2 47.4 71.2

87 25.7 15.9 23.9#

59 12.7 7.7 11.5#





#23

Vinyl Acetate

Concen: 89.304 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

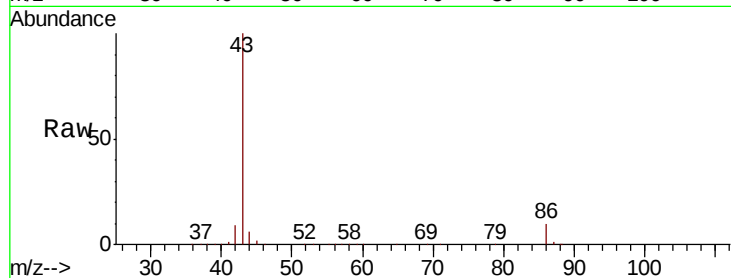
ClientSampleId :

Tot Ion: 43 Resp: 482320

Ion Ratio Lower Upper

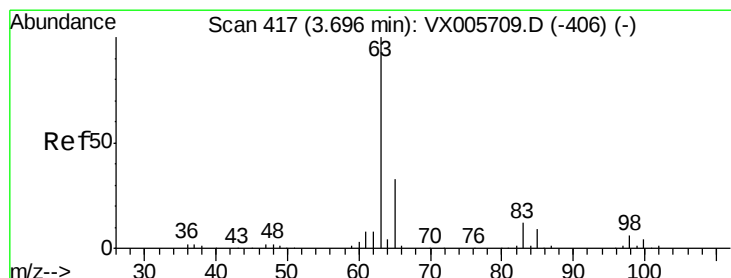
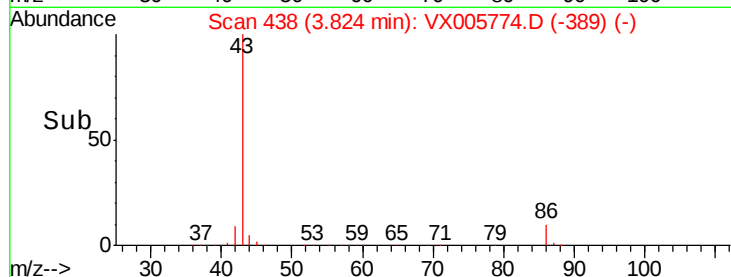
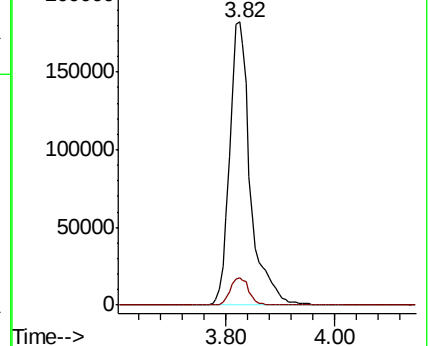
43 100

86 9.8 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.824 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

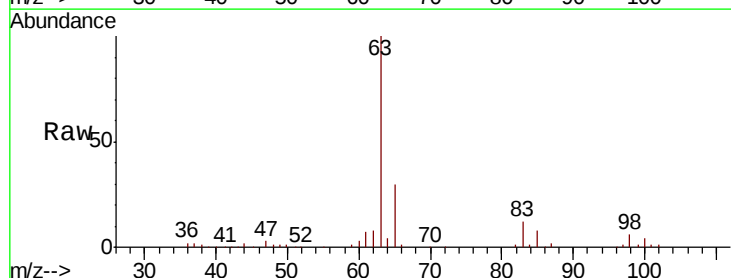
Tgt Ion: 63 Resp: 62495

Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

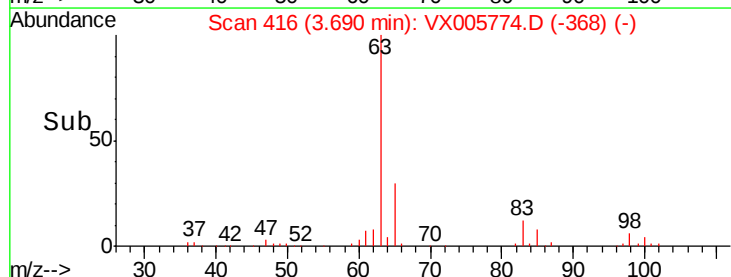
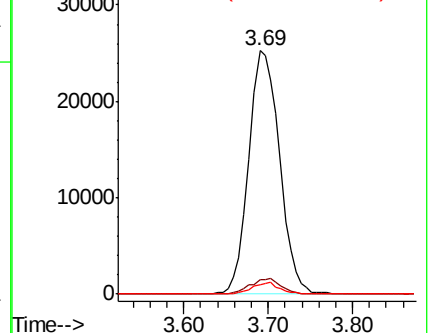
100 4.1 2.1 6.2

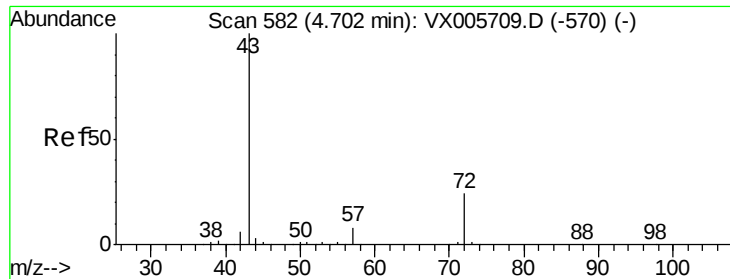


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 88.406 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

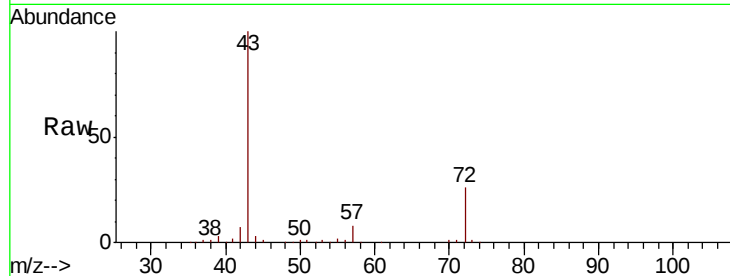
ClientSampleId :

Tot Ion: 43 Resp: 163645

Ion Ratio Lower Upper

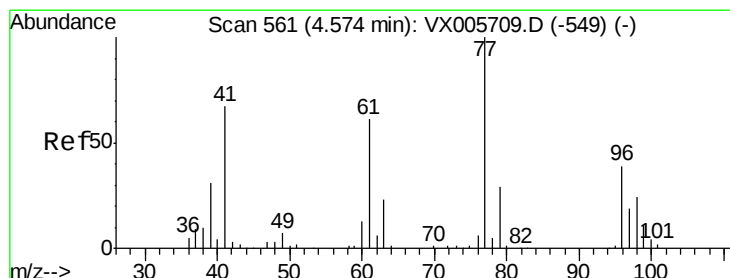
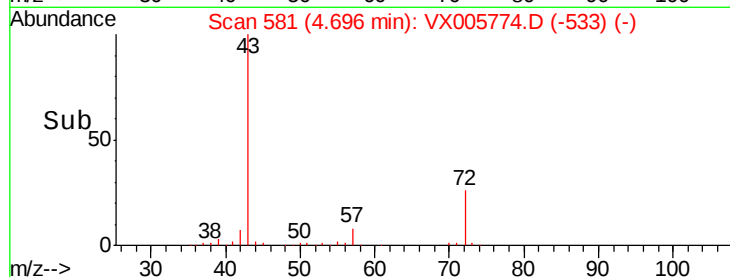
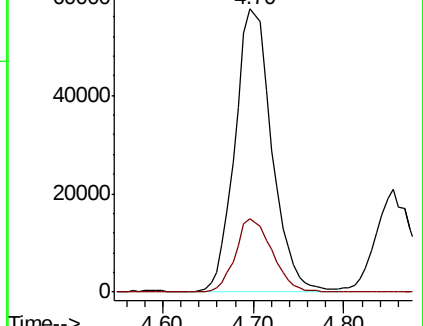
43 100

72 25.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX005709.D (-570) (-)

Ion 72.00 (71.70 to 72.70): VX005709.D (-570) (-)



#26

2,2-Dichloropropane

Concen: 18.403 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005774.D

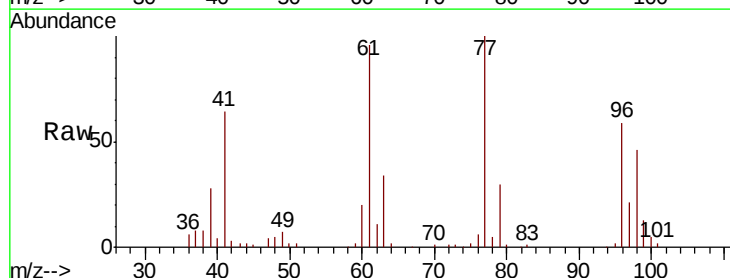
Acq: 05 Nov 2018 13:24

Tgt Ion: 77 Resp: 48233

Ion Ratio Lower Upper

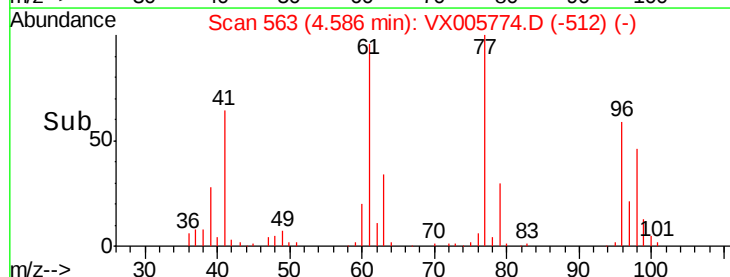
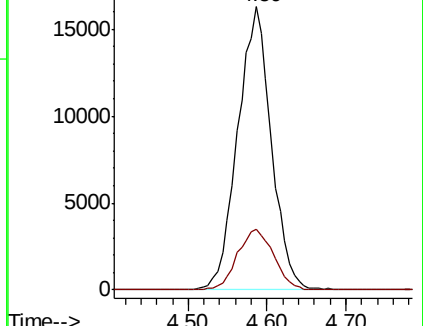
77 100

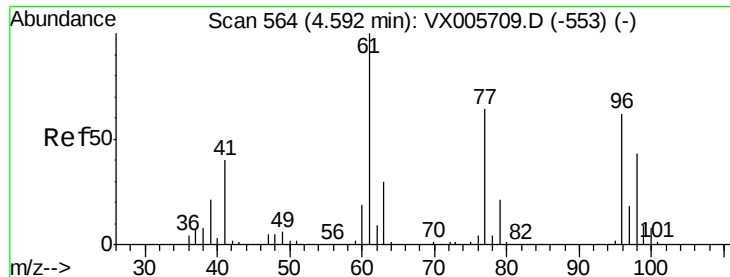
97 23.0 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX005709.D (-549) (-)

Ion 96.90 (96.60 to 97.60): VX005709.D (-549) (-)



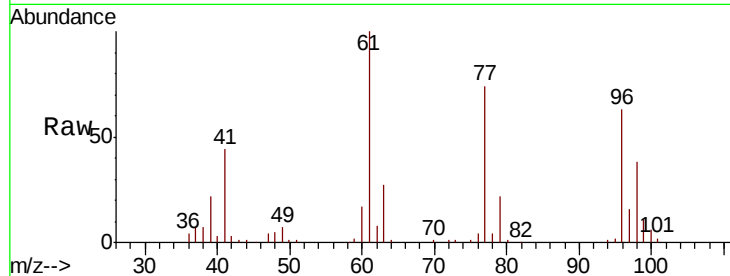


#27

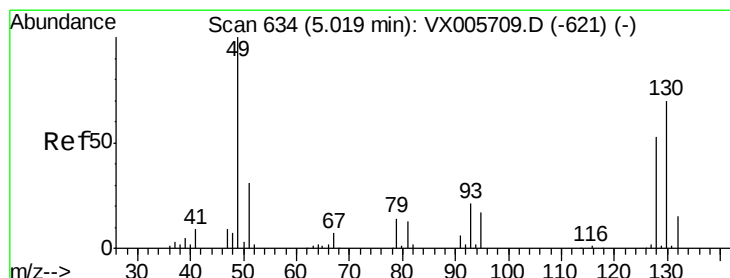
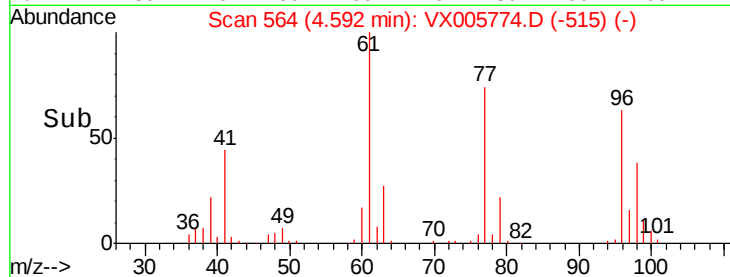
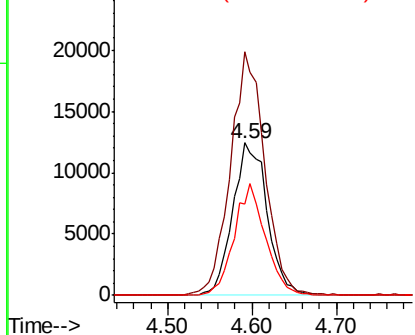
cis-1,2-Dichloroethene
Concen: 17.885 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 34376
Ion Ratio Lower Upper
96 100
61 158.9 0.0 304.6
98 66.1 0.0 127.4



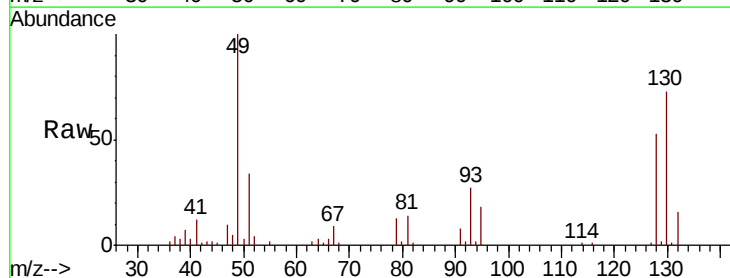
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



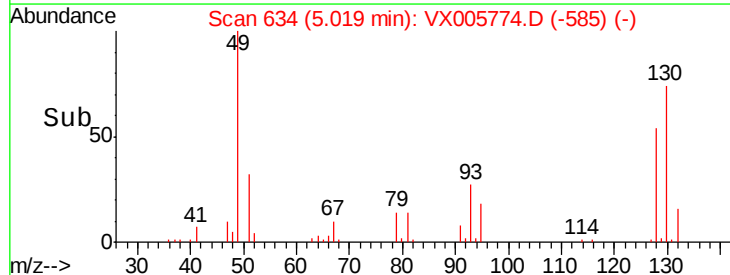
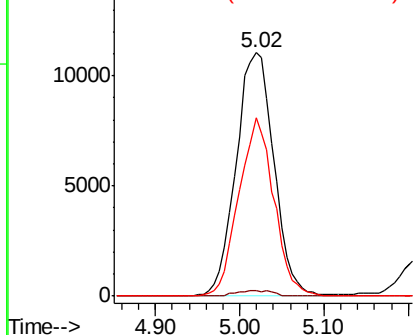
#28

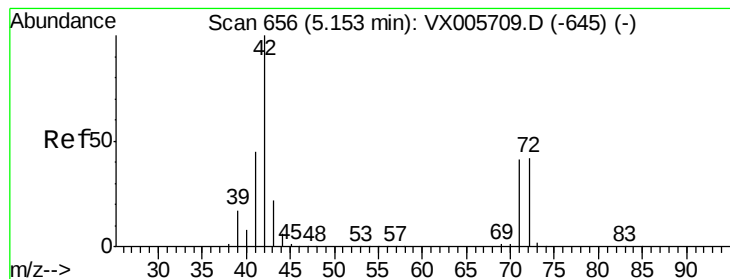
Bromochloromethane
Concen: 19.678 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion: 49 Resp: 33660
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 67.7 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: 88.820 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

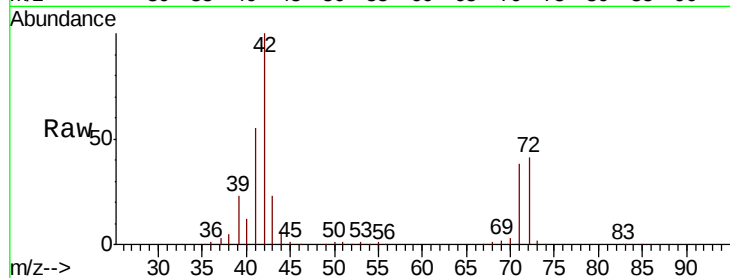
Tot Ion: 42 Resp: 100350

Ion Ratio Lower Upper

42 100

72 43.8 32.0 48.0

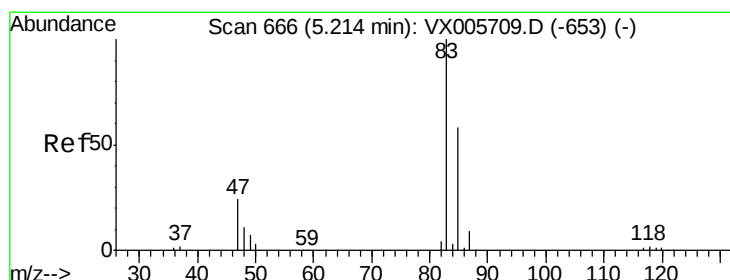
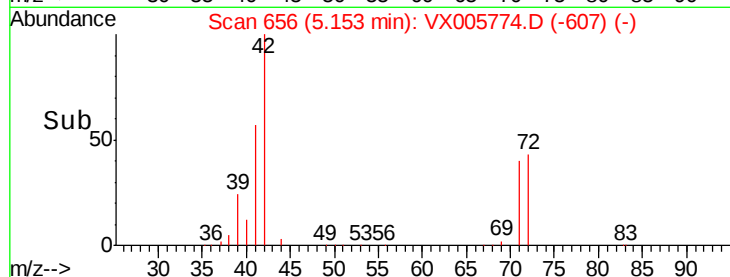
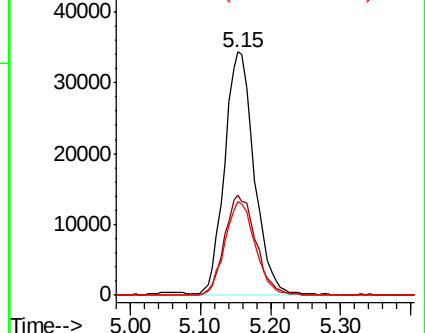
71 39.7 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.507 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX005774.D

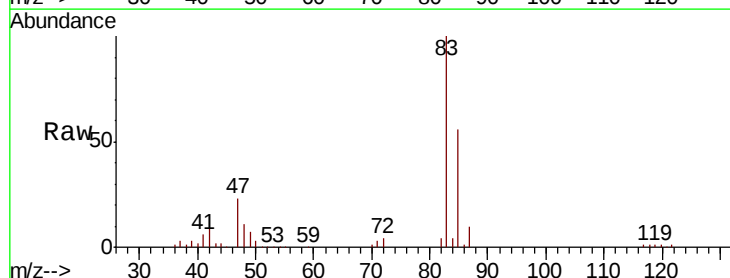
Acq: 05 Nov 2018 13:24

Tgt Ion: 83 Resp: 63441

Ion Ratio Lower Upper

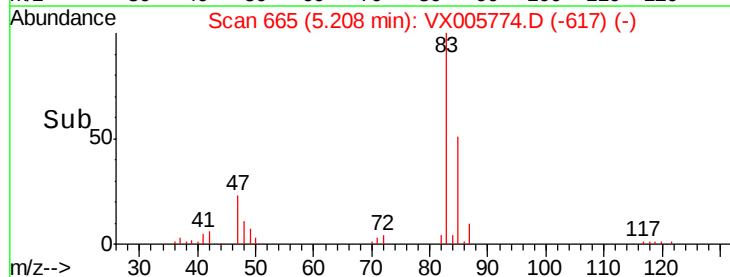
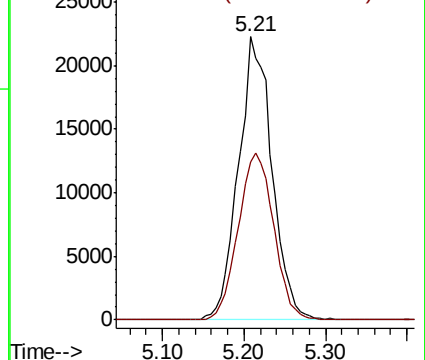
83 100

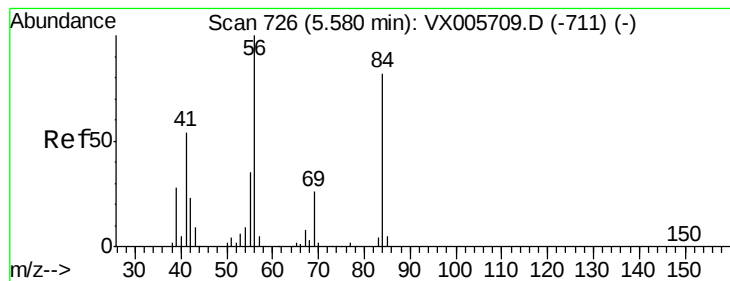
85 55.7 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 16.908 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :

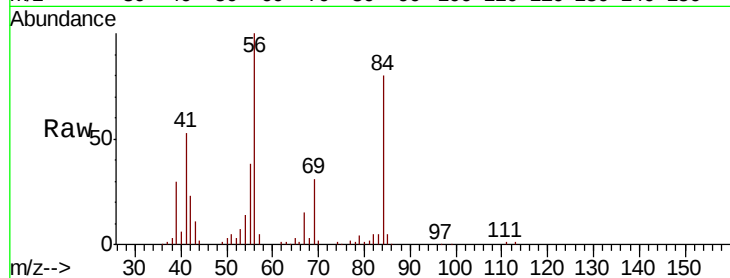
Tot Ion: 56 Resp: 49574

Ion Ratio Lower Upper

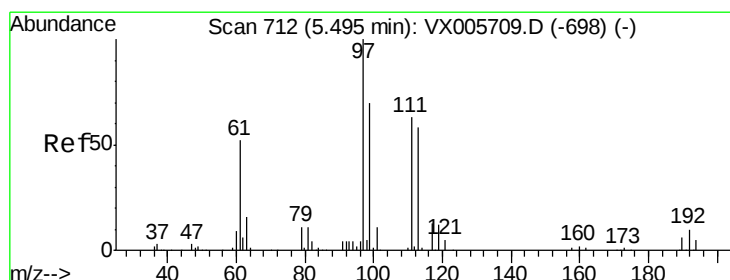
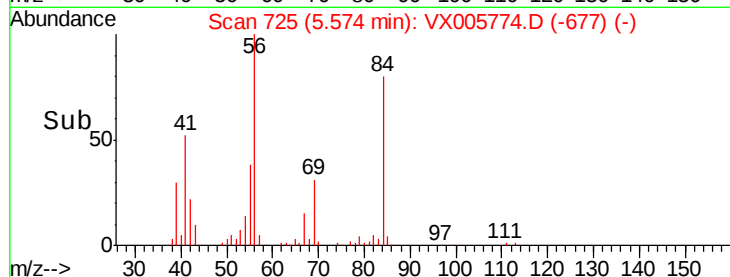
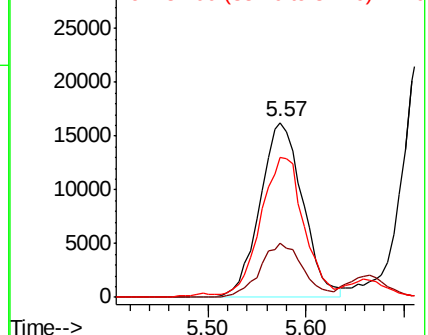
56 100

69 30.8 22.6 34.0

84 78.8 62.7 94.1



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



#32

1,1,1-Trichloroethane

Concen: 18.350 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

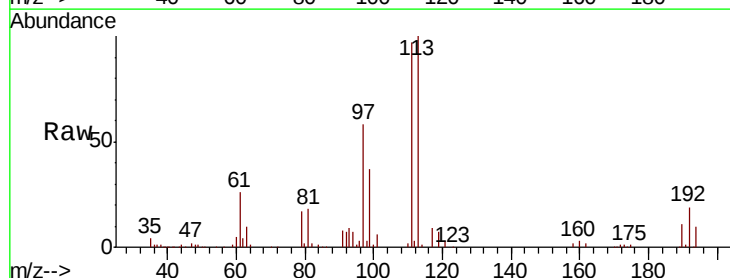
Tgt Ion: 97 Resp: 50344

Ion Ratio Lower Upper

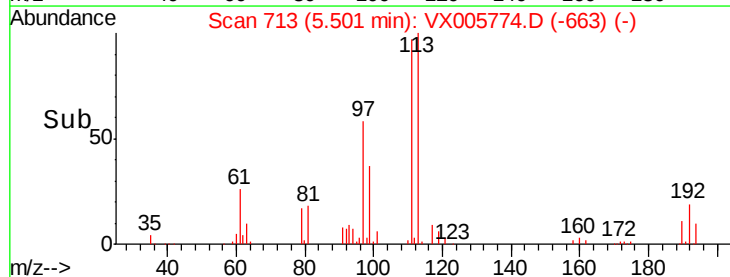
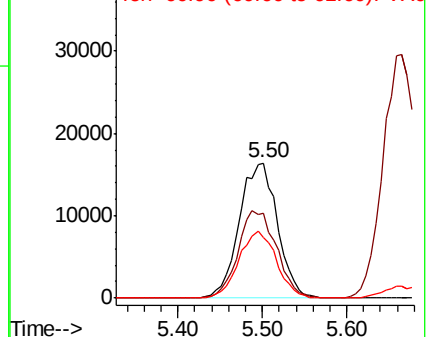
97 100

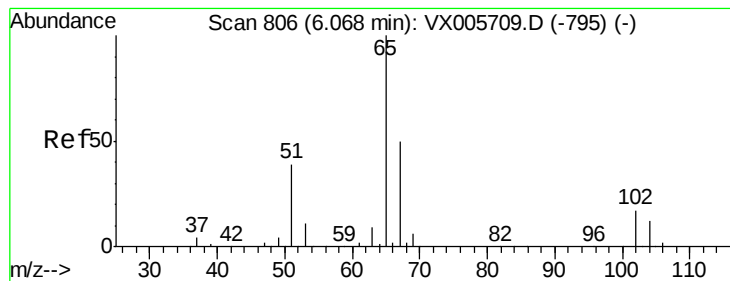
99 65.0 52.3 78.5

61 48.8 35.2 52.8



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





#33

1,2-Dichloroethane-d4

Concen: 46.376 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

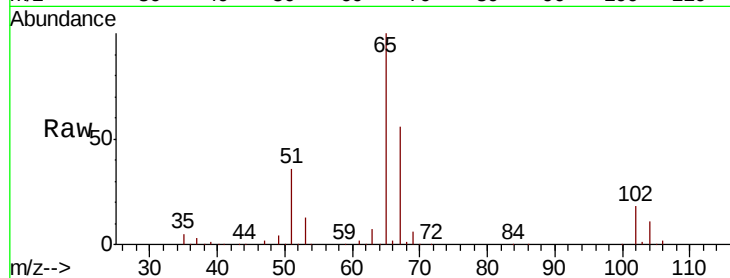
ClientSampleId :

Tot Ion: 65 Resp: 101764

Ion Ratio Lower Upper

65 100

67 55.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

40000

30000

20000

10000

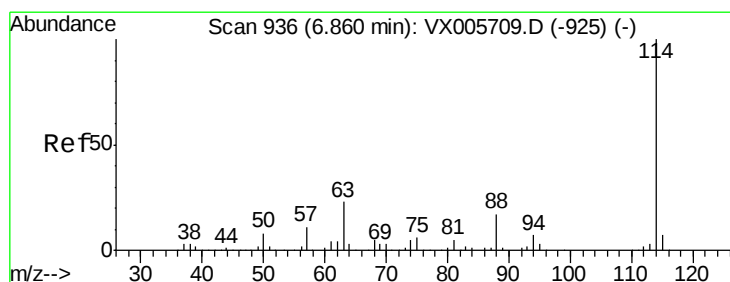
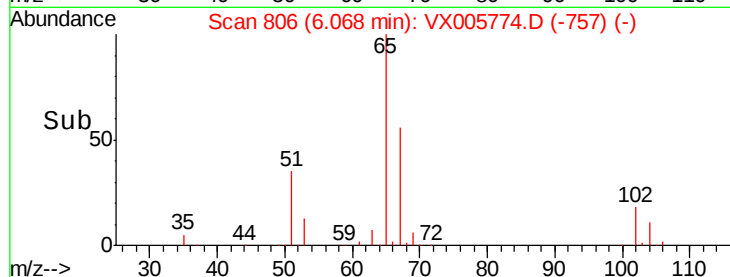
0

Time-->

6.00

6.10

6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

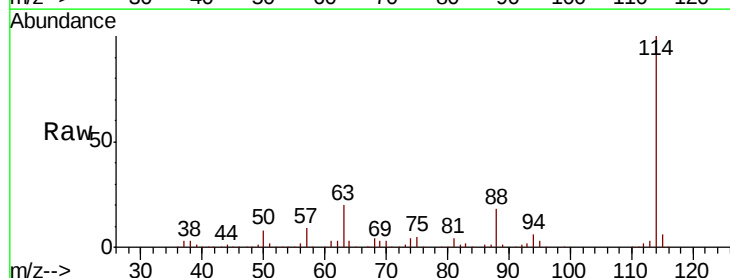
Tgt Ion: 114 Resp: 230685

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.8

88 17.7 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

100000

50000

0

Time-->

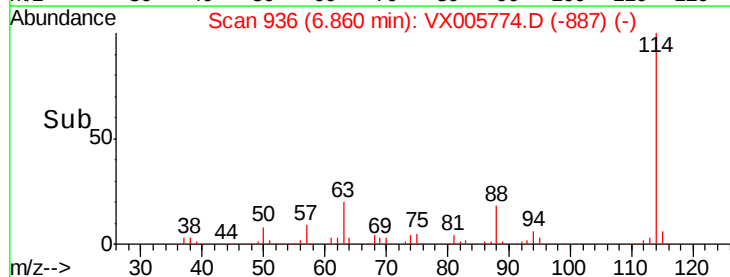
6.70

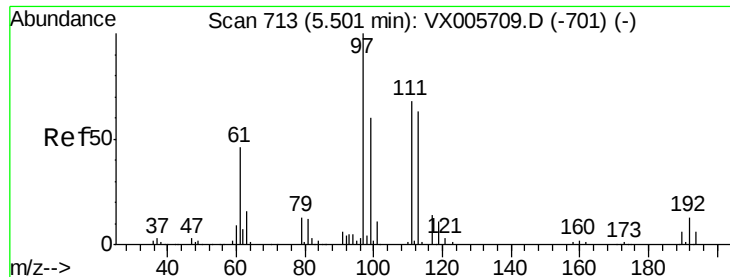
6.80

6.90

7.00

7.10





#35

Dibromofluoromethane

Concen: 50.421 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

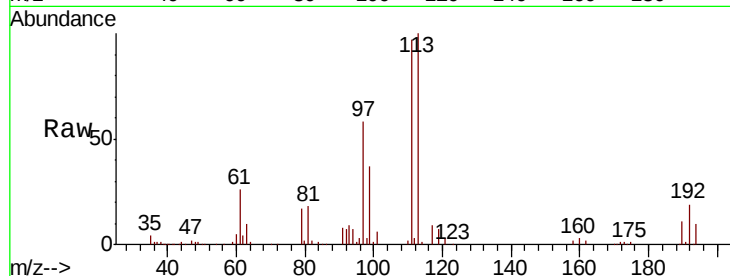
Tot Ion:113 Resp: 80536

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

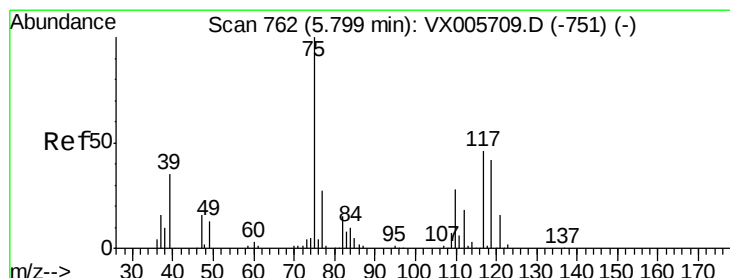
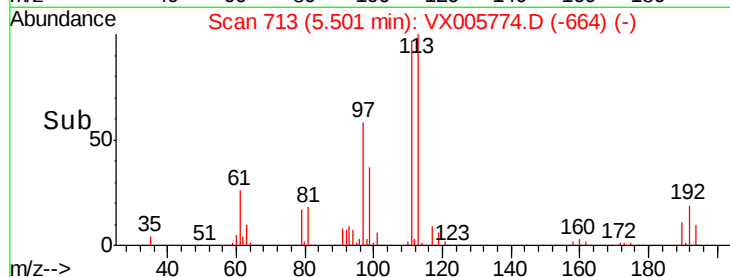
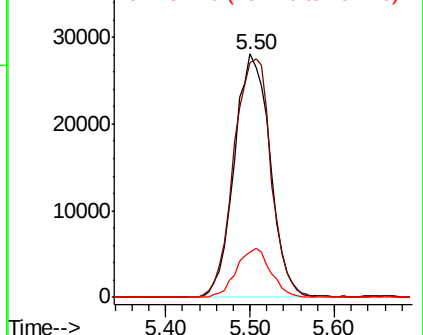
192 19.3 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.590 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

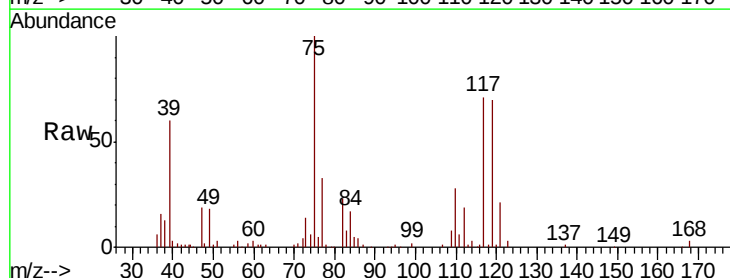
Tgt Ion: 75 Resp: 43232

Ion Ratio Lower Upper

75 100

110 34.4 17.4 52.2

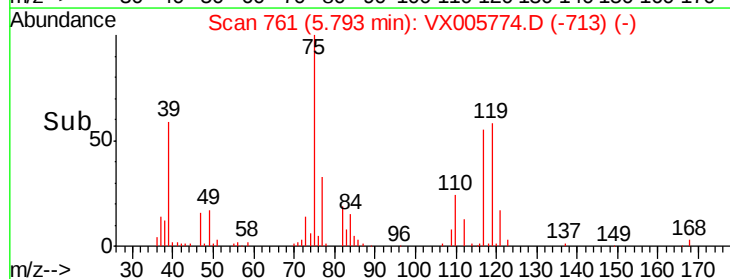
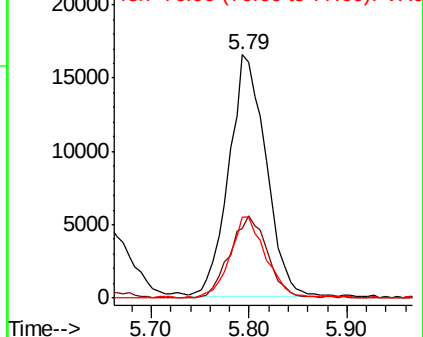
77 33.1 25.8 38.6

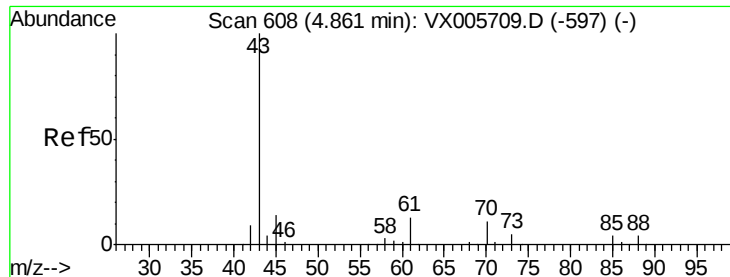


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

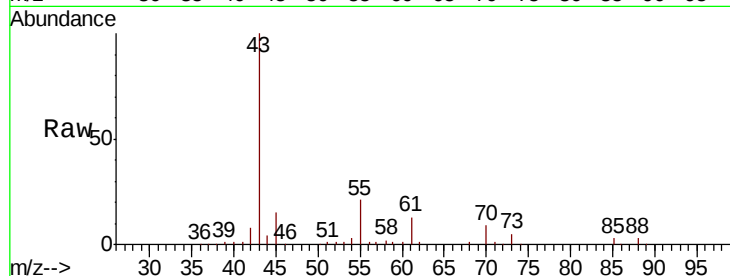




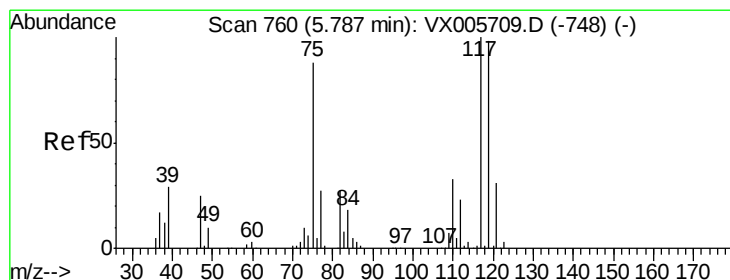
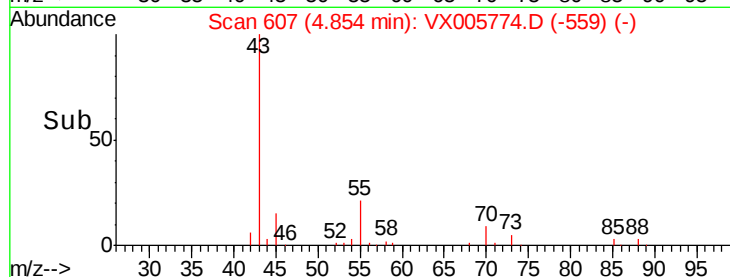
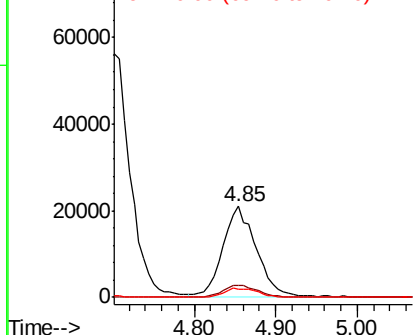
#37
Ethyl Acetate
Concen: 18.826 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 59031
Ion Ratio Lower Upper
43 100
61 14.3 10.8 16.2
70 10.4 7.8 11.8

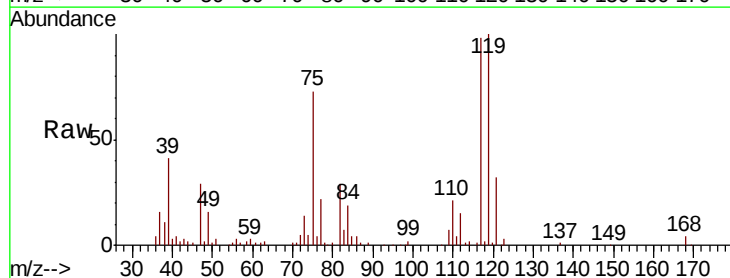


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

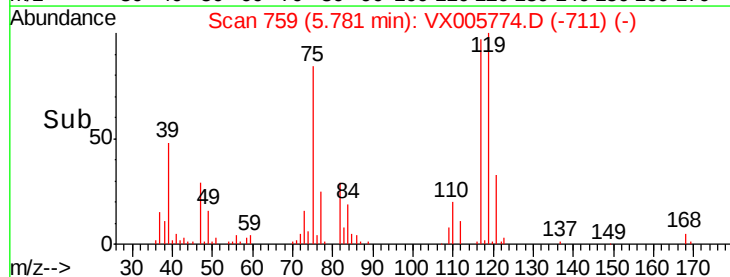
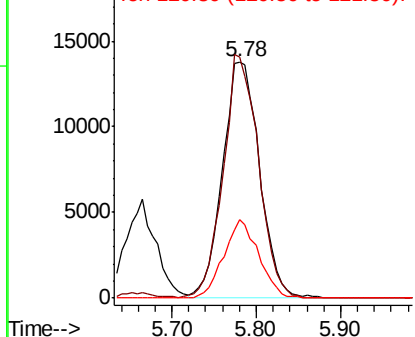


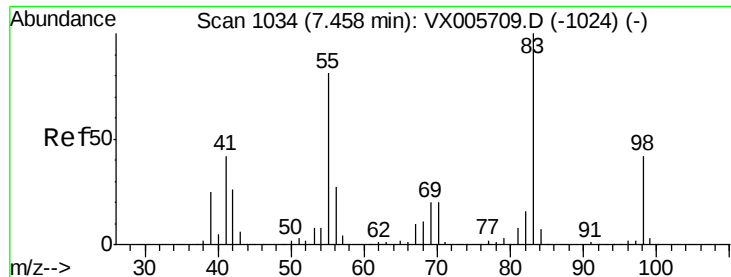
#38
Carbon Tetrachloride
Concen: 18.584 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion: 117 Resp: 41266
Ion Ratio Lower Upper
117 100
119 102.2 78.1 117.1
121 33.1 24.6 36.8



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

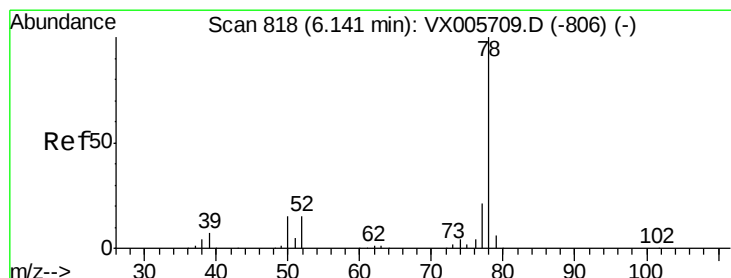
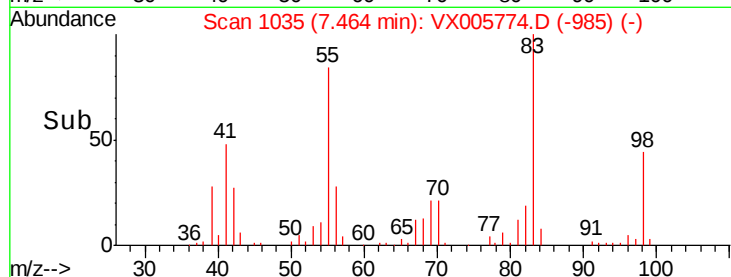
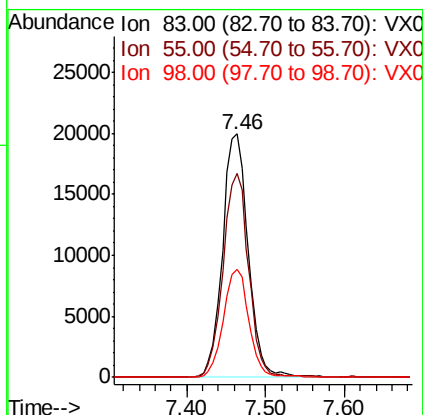
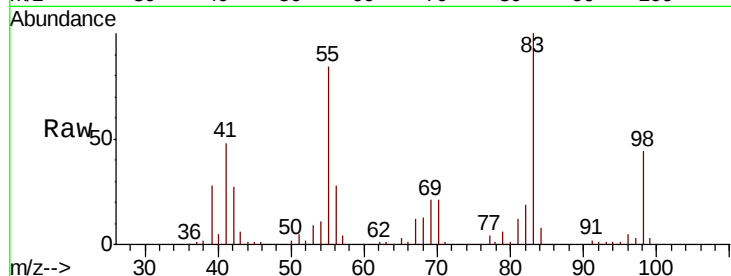




#39
Methvlcvclohexane
Concen: 17.643 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

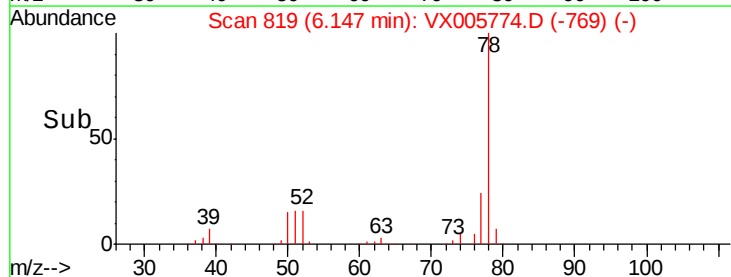
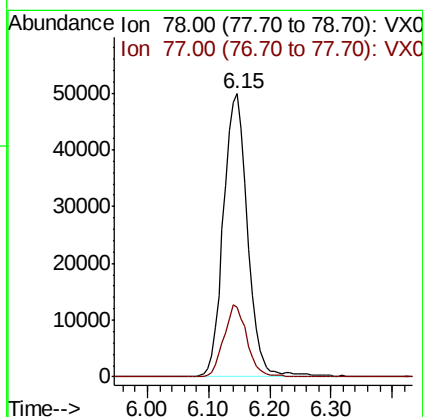
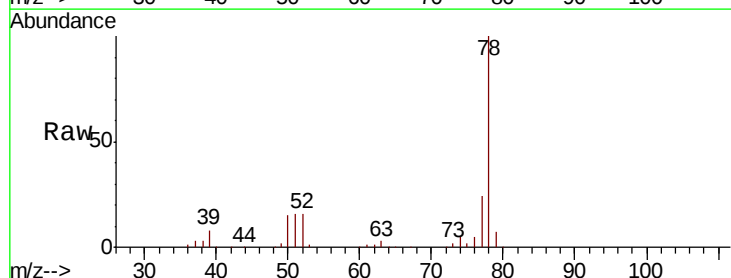
Instrument :
MSVOA_X
ClientSampled :

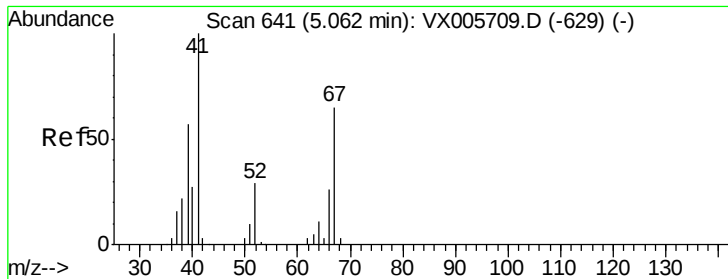
Tot Ion: 83 Resp: 45224
Ion Ratio Lower Upper
83 100
55 84.0 63.7 95.5
98 44.4 36.2 54.2



#40
Benzene
Concen: 18.626 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion: 78 Resp: 136188
Ion Ratio Lower Upper
78 100
77 24.4 18.4 27.6





#41

Methacrylonitrile

Concen: 17.959 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 30426

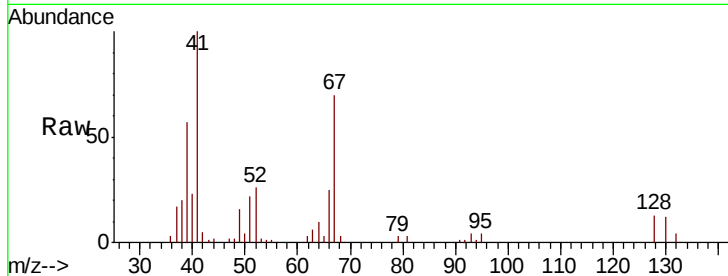
Ion Ratio Lower Upper

41 100

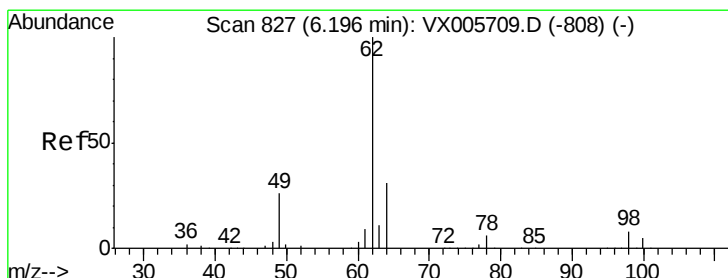
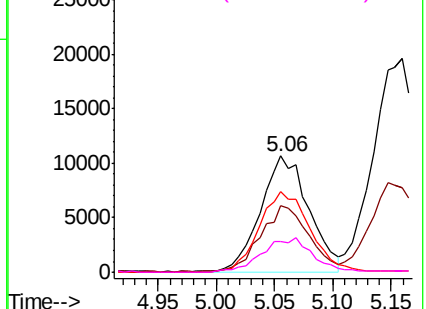
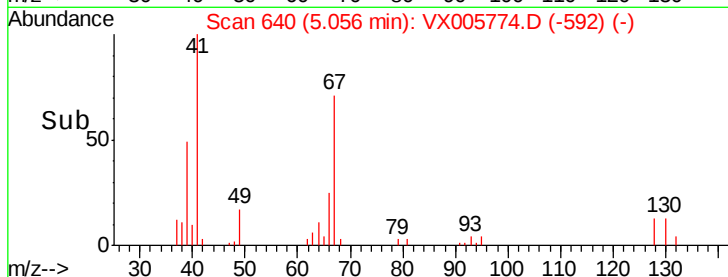
39 56.2 42.2 63.2

67 74.7 53.4 80.0

52 31.7 23.4 35.2



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



#42

1,2-Dichloroethane

Concen: 18.431 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX005774.D

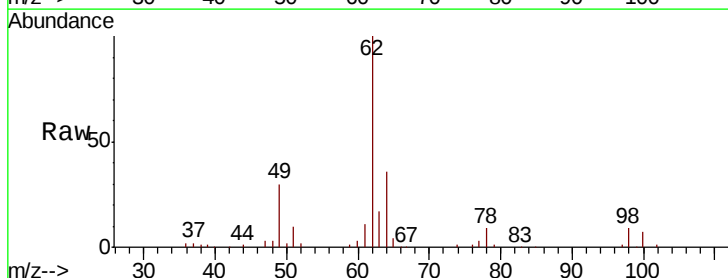
Acq: 05 Nov 2018 13:24

Tgt Ion: 62 Resp: 49814

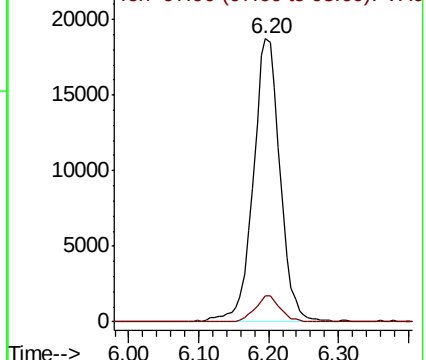
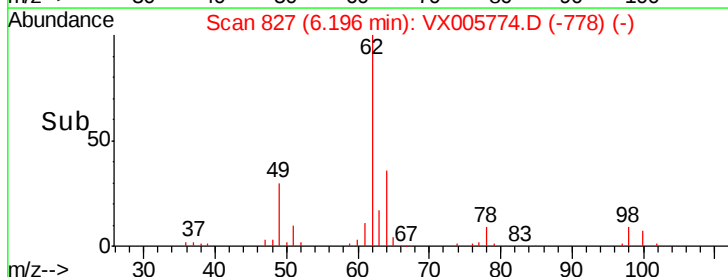
Ion Ratio Lower Upper

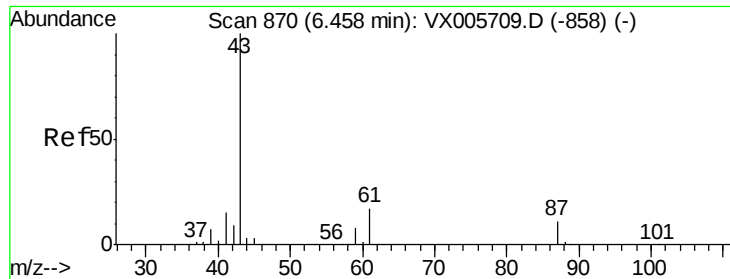
62 100

98 8.7 0.0 17.8



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



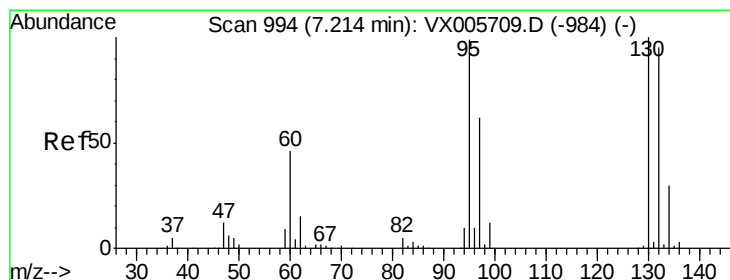
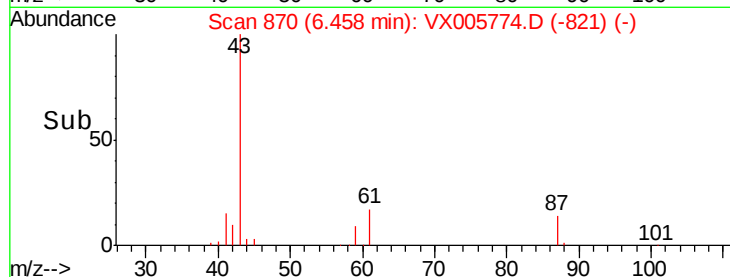
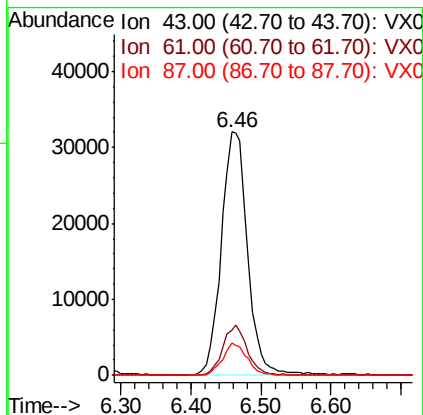
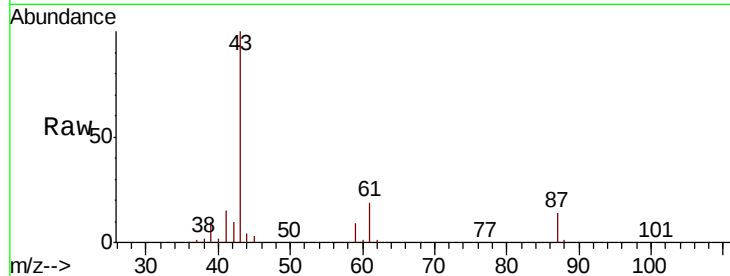


#43

Isopropyl Acetate
 Concen: 18.192 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :

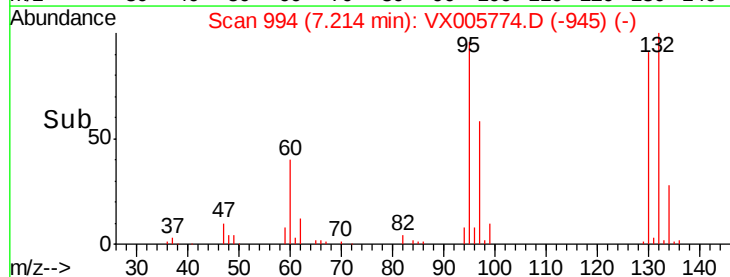
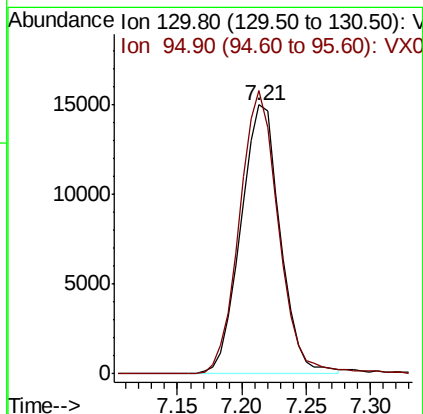
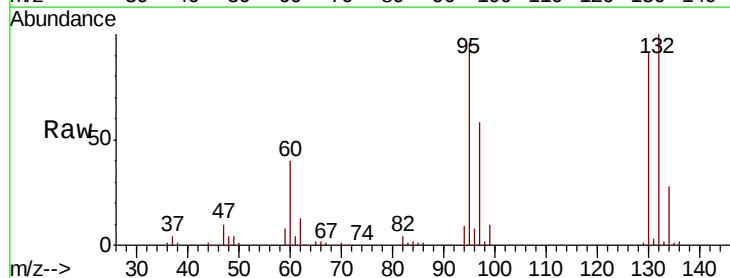
Tot Ion: 43 Resp: 82794
 Ion Ratio Lower Upper
 43 100
 61 19.7 14.6 22.0
 87 12.4 9.6 14.4

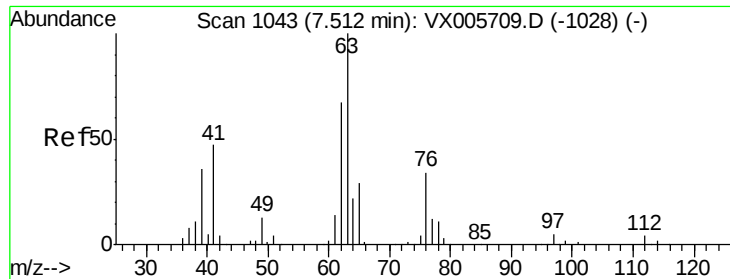


#44

Trichloroethene
 Concen: 18.736 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion:130 Resp: 31685
 Ion Ratio Lower Upper
 130 100
 95 105.3 0.0 194.2

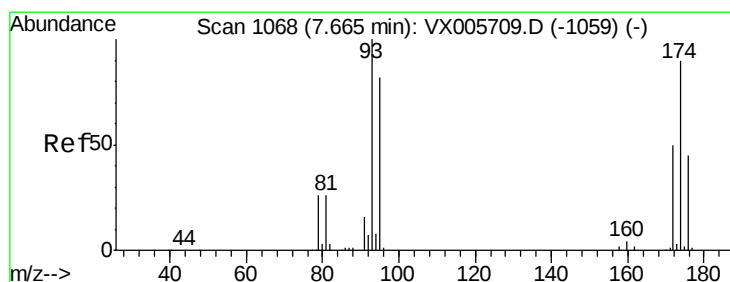
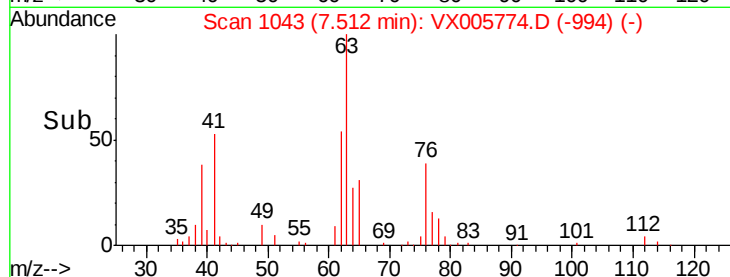
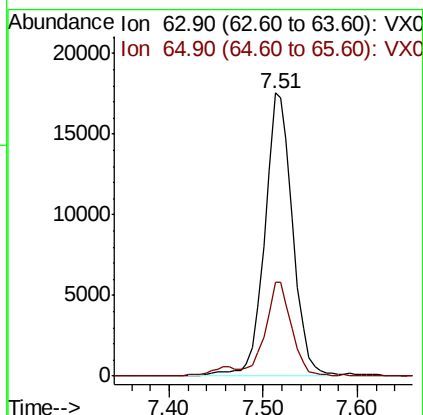
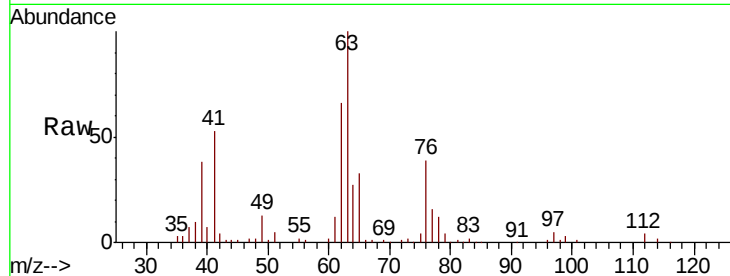




#45
 1,2-Dichloropropane
 Concen: 19.457 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

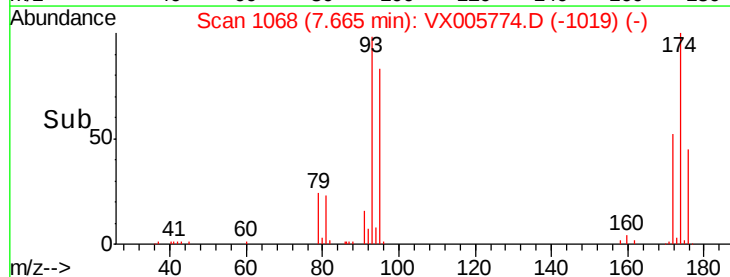
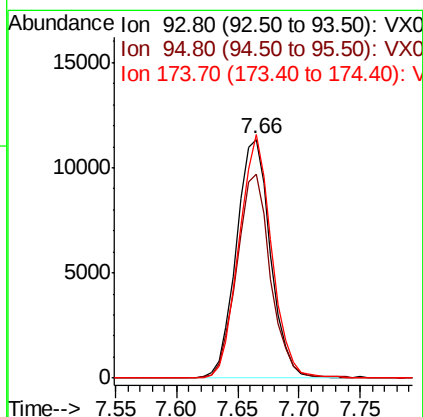
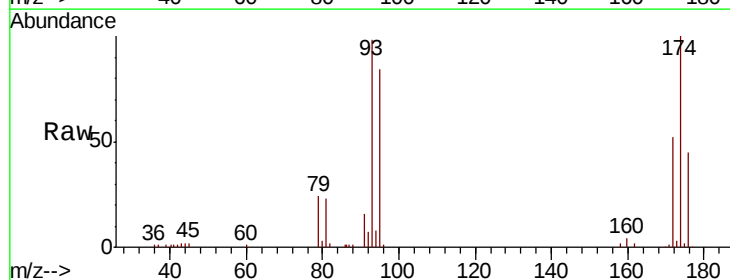
Instrument :
 MSVOA_X
 ClientSampled :

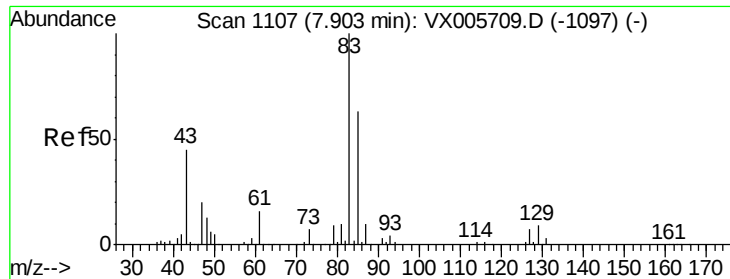
Tot Ion: 63 Resp: 36458
 Ion Ratio Lower Upper
 63 100
 65 33.0 24.8 37.2



#46
 Dibromomethane
 Concen: 18.317 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion: 93 Resp: 21935
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.4 101.0
 174 97.3 91.5 137.3





#47

Bromodichloromethane

Concen: 18.619 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :

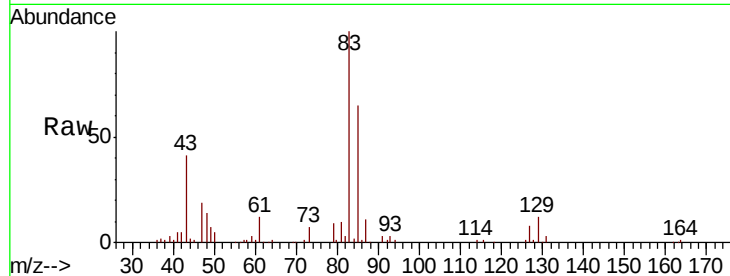
Tot Ion: 83 Resp: 41821

Ion Ratio Lower Upper

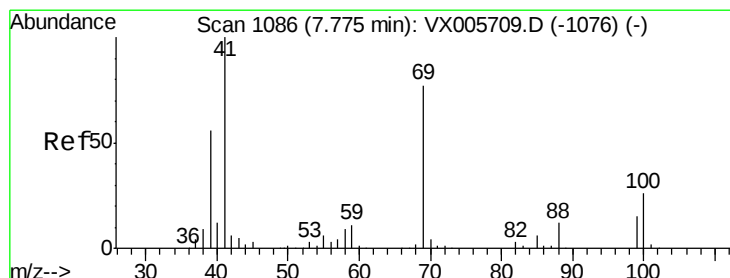
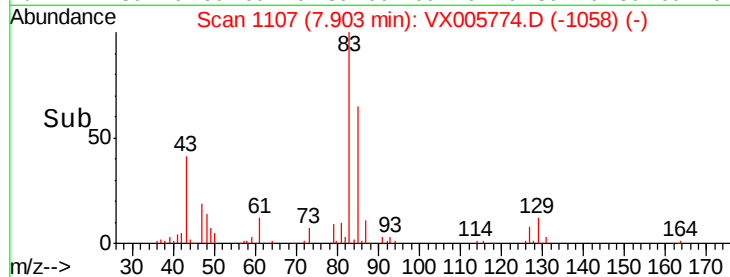
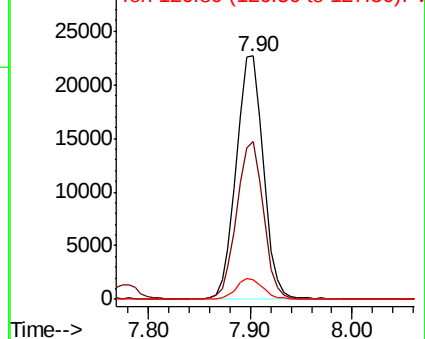
83 100

85 64.9 50.2 75.4

127 8.1 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.048 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

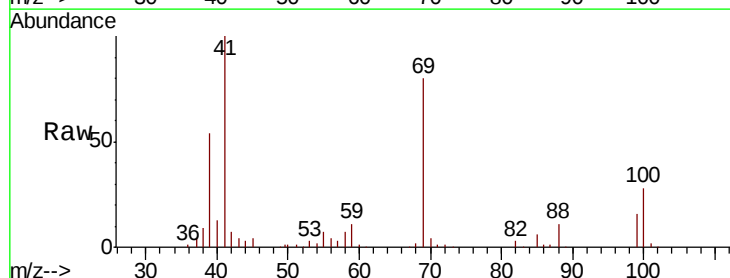
Tgt Ion: 41 Resp: 39754

Ion Ratio Lower Upper

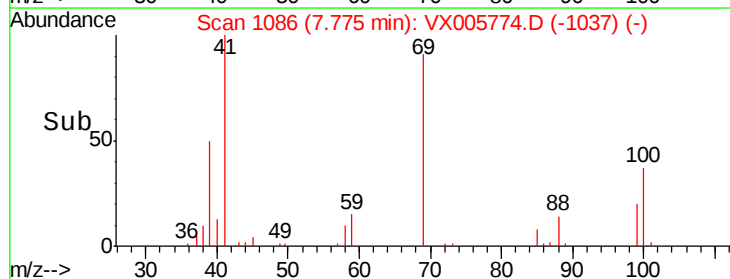
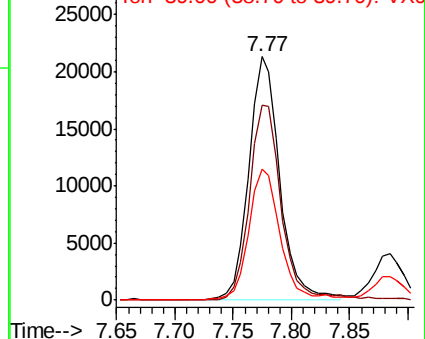
41 100

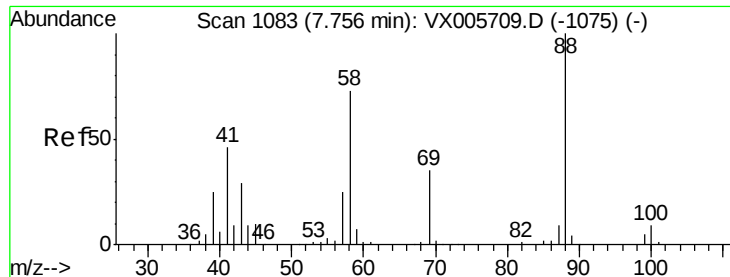
69 82.7 63.2 94.8

39 54.8 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

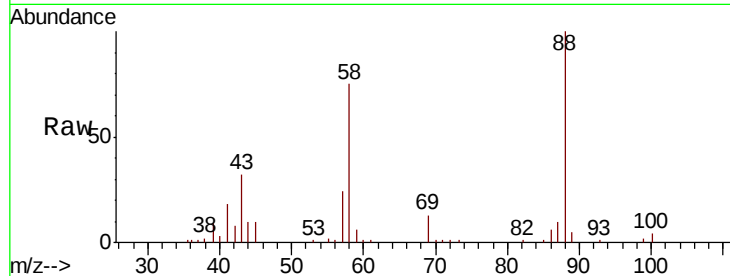




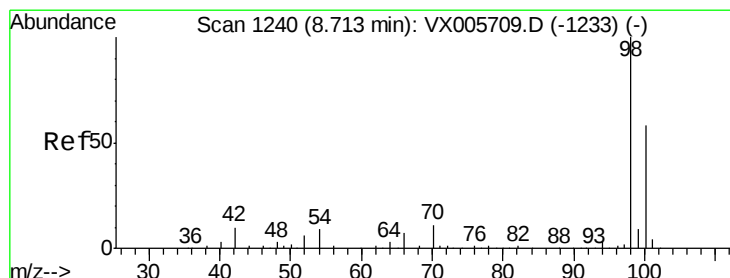
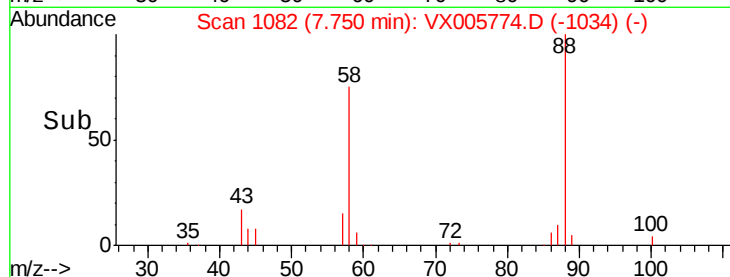
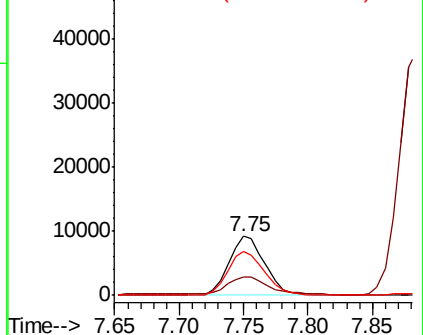
#49
1,4-Dioxane
Concen: 365.105 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 17908
Ion Ratio Lower Upper
88 100
43 34.4 27.4 41.0
58 76.2 59.4 89.2

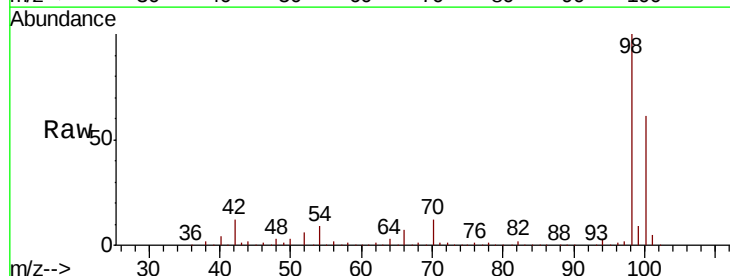


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

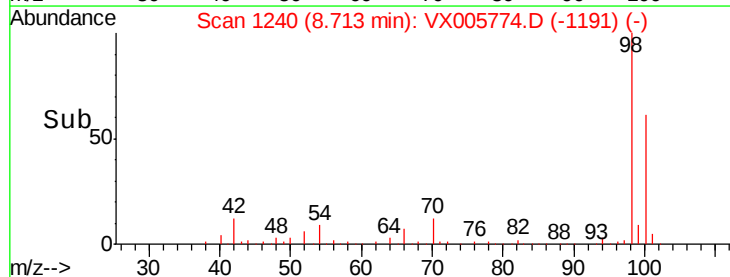
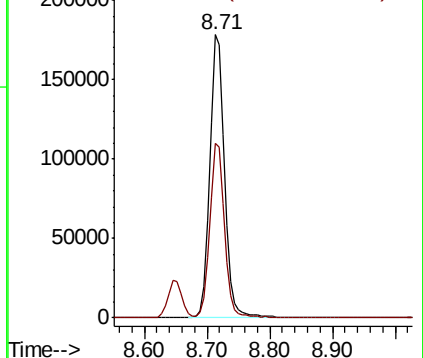


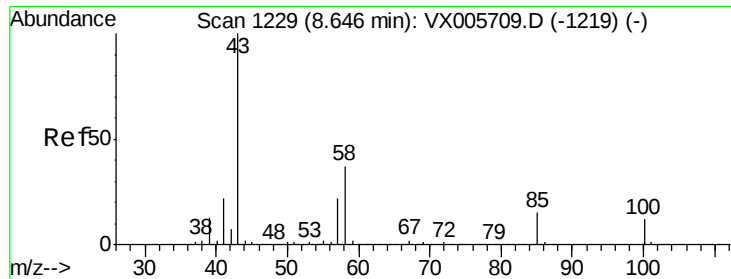
#50
Toluene-d8
Concen: 51.542 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion: 98 Resp: 288750
Ion Ratio Lower Upper
98 100
100 61.6 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: 92.084 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

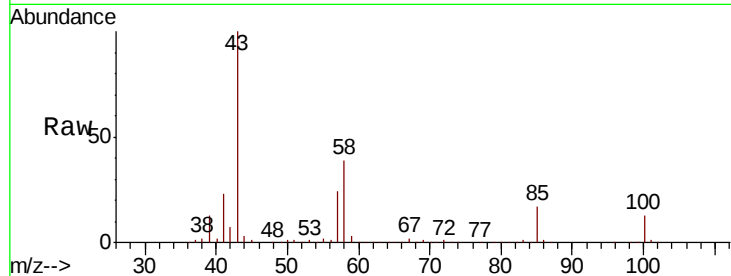
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 285756

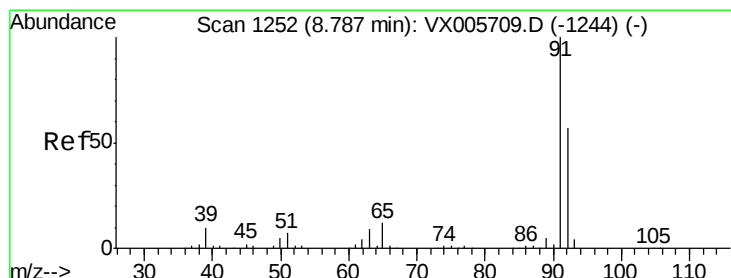
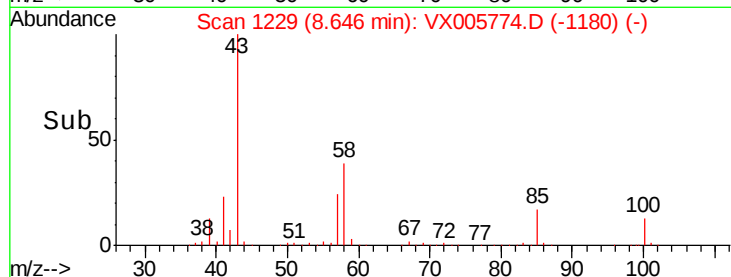
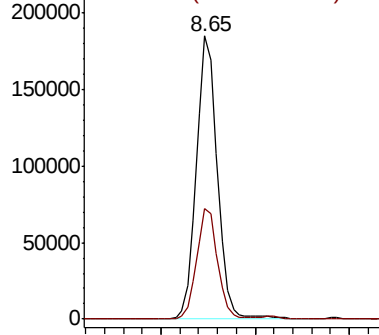
Ion Ratio Lower Upper

43 100

58 38.7 29.7 44.5



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



#52

Toluene

Concen: 19.315 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005774.D

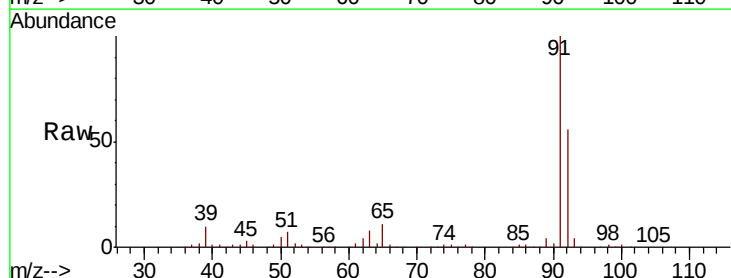
Acq: 05 Nov 2018 13:24

Tgt Ion: 92 Resp: 76389

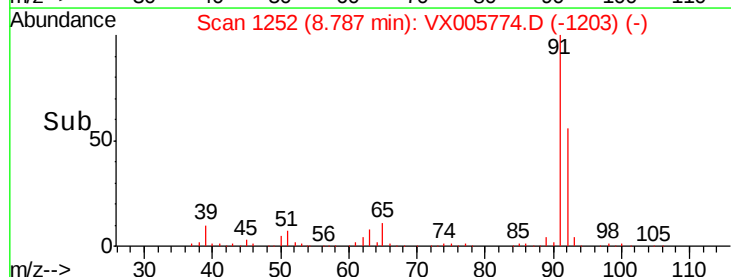
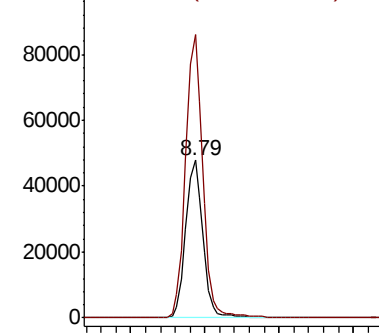
Ion Ratio Lower Upper

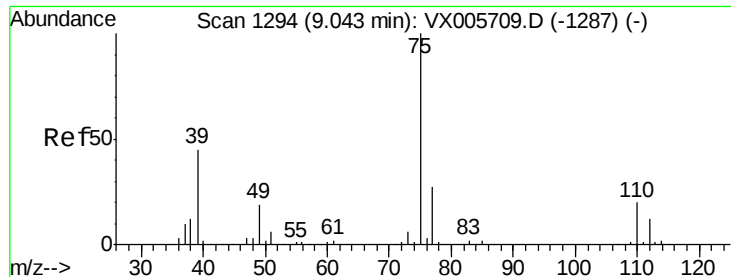
92 100

91 178.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0

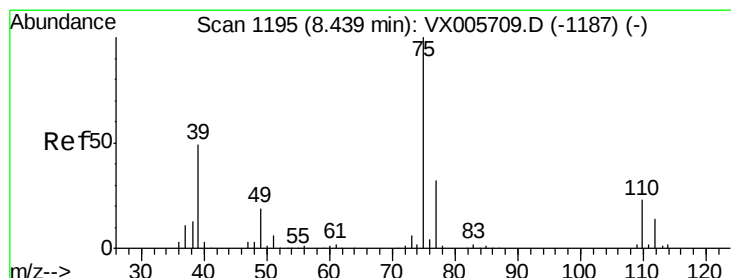
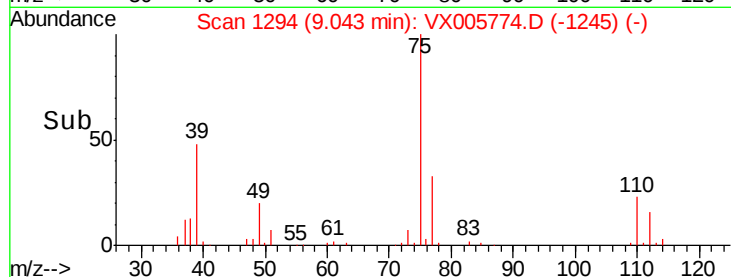
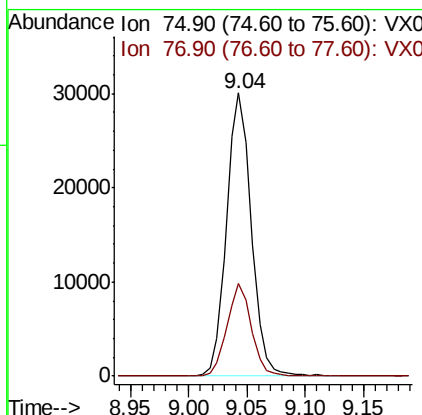
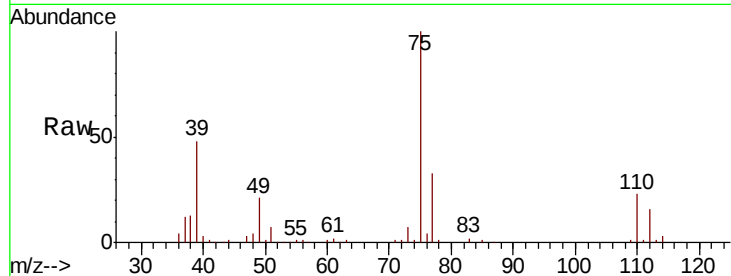




#53
 t-1,3-Dichloropropene
 Concen: 18.219 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

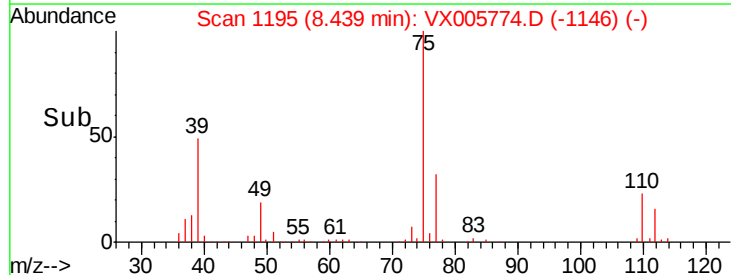
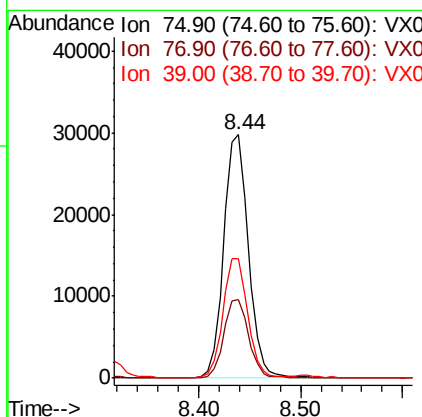
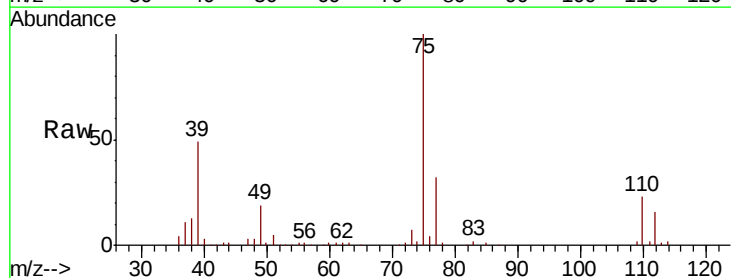
Instrument :
 MSVOA_X
 ClientSampleId :

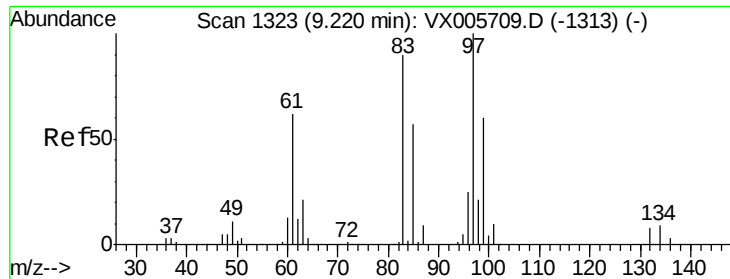
Tot Ion: 75 Resp: 44349
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.087 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion: 75 Resp: 49779
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.2 37.8
 39 49.0 38.2 57.2

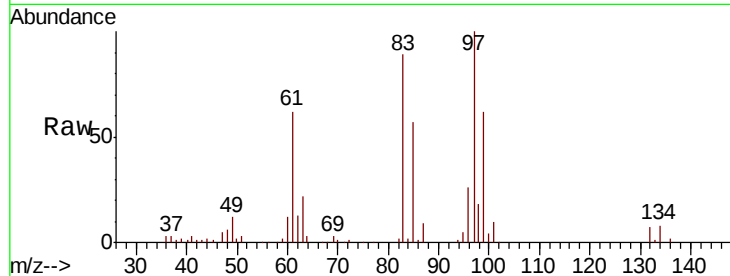




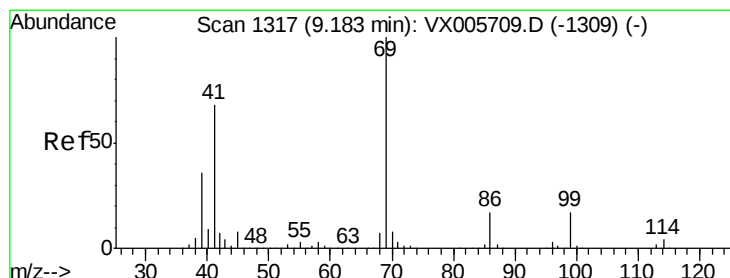
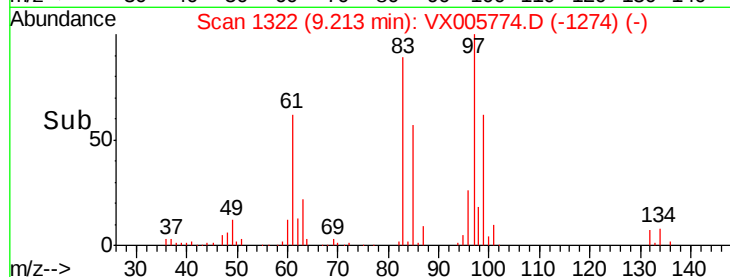
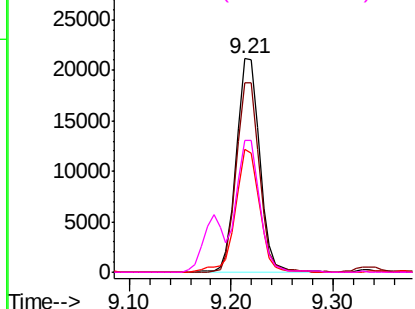
#55
 1,1,2-Trichloroethane
 Concen: 19.414 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 97 Resp: 33345
 Ion Ratio Lower Upper
 97 100
 83 88.5 70.7 106.1
 85 57.4 45.8 68.6
 99 61.6 51.8 77.8

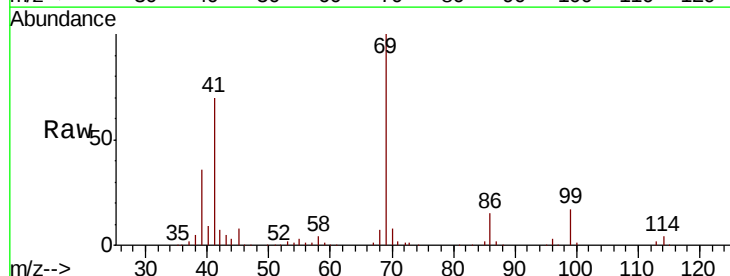


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

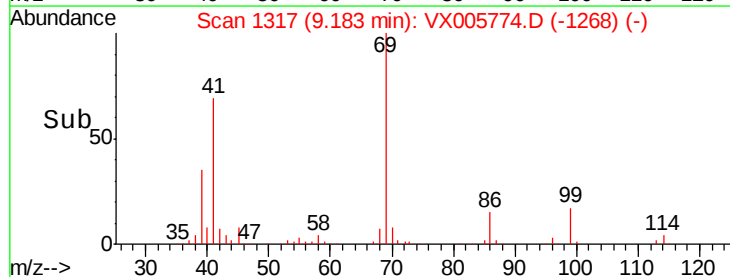
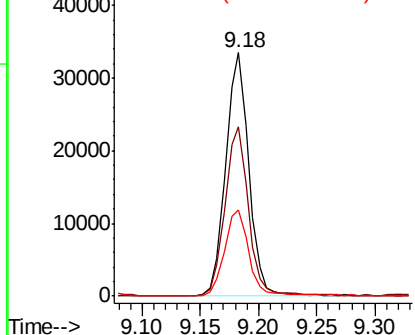


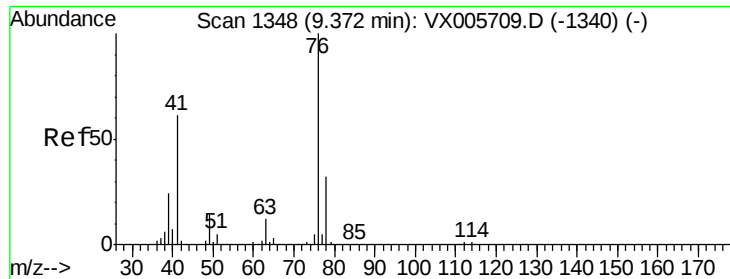
#56
 Ethyl methacrylate
 Concen: 17.582 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion: 69 Resp: 46348
 Ion Ratio Lower Upper
 69 100
 41 70.7 57.0 85.6
 39 36.3 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: 19.063 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

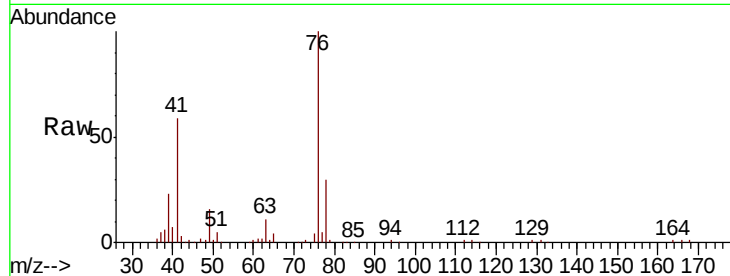
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 56244

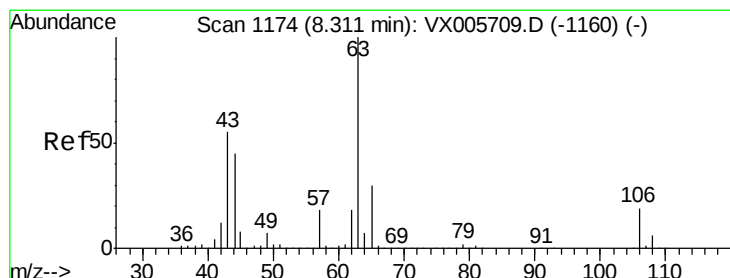
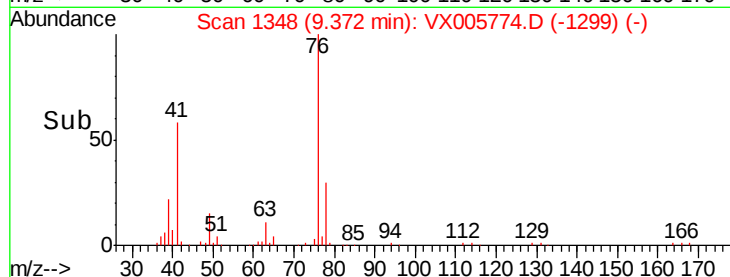
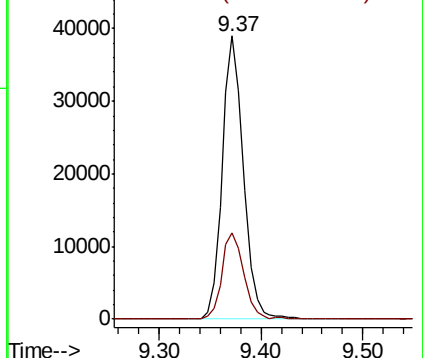
Ion Ratio Lower Upper

76 100

78 31.5 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 93.489 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX005774.D

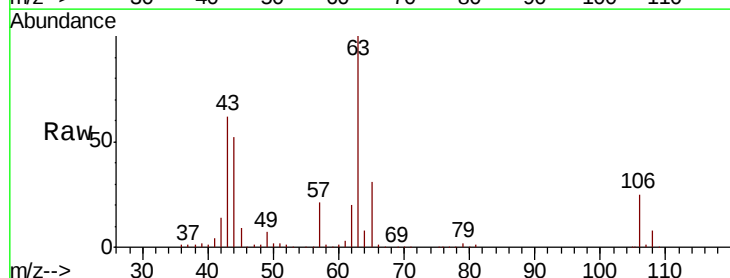
Acq: 05 Nov 2018 13:24

Tgt Ion: 63 Resp: 143630

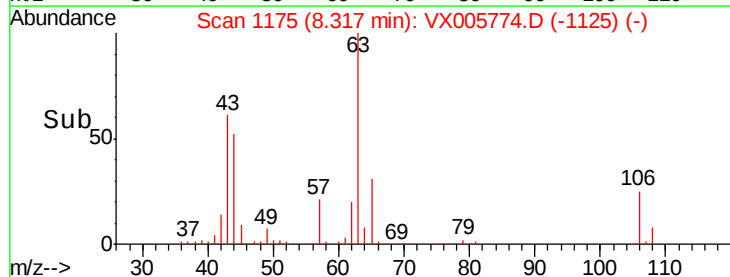
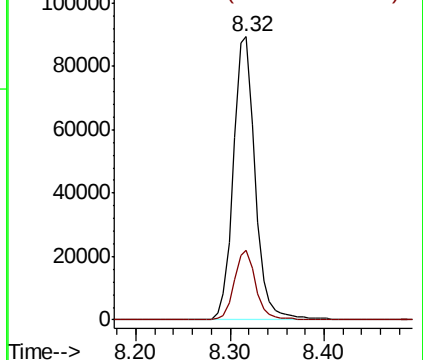
Ion Ratio Lower Upper

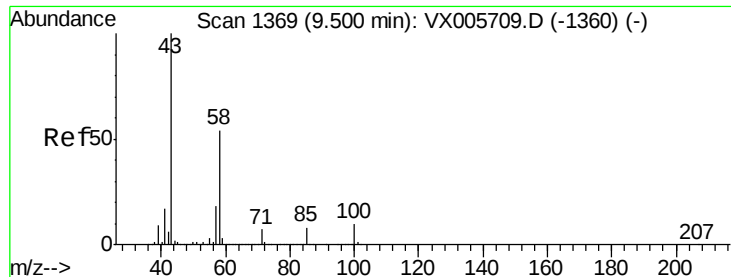
63 100

106 24.3 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

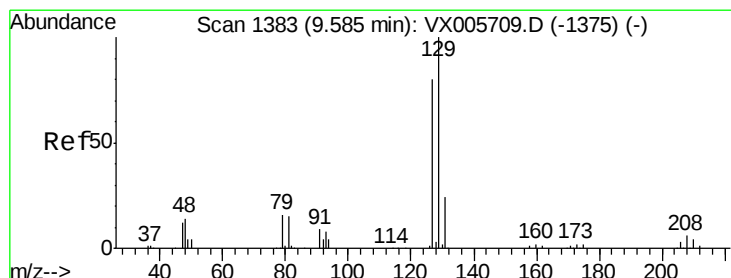
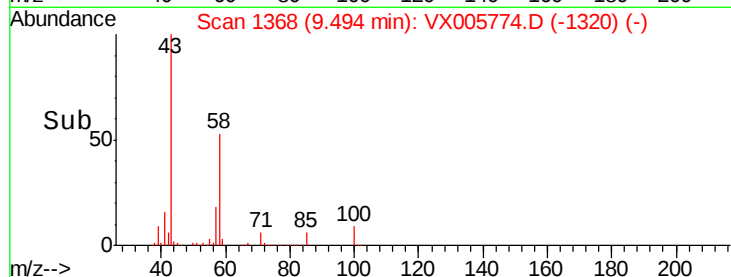
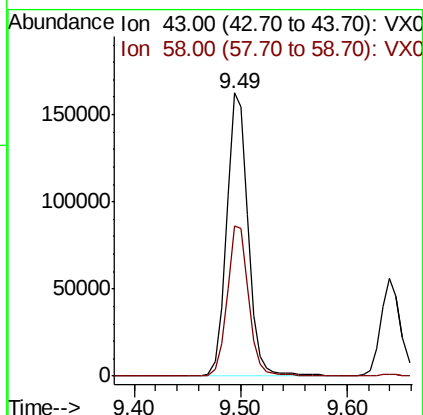
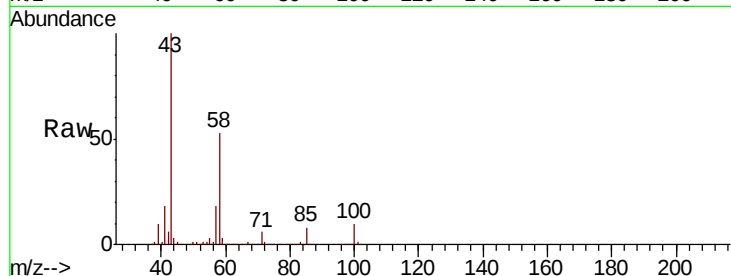




#59
2-Hexanone
Concen: 90.290 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

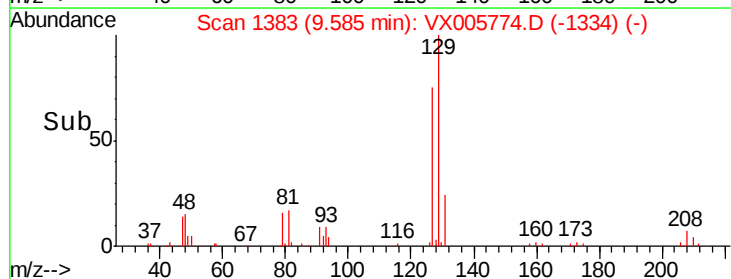
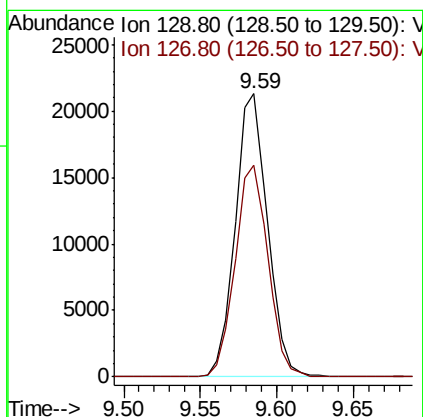
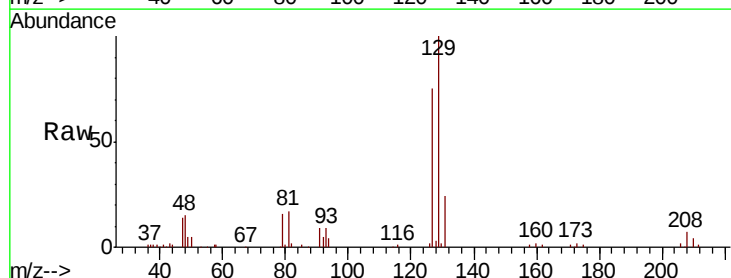
Instrument :
MSVOA_X
ClientSampleId :

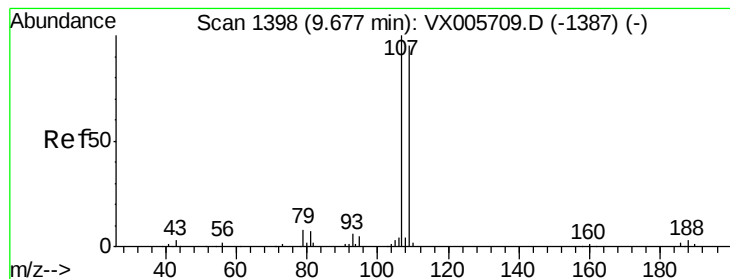
Tot Ion: 43 Resp: 228018
Ion Ratio Lower Upper
43 100
58 53.3 25.9 77.8



#60
Dibromochloromethane
Concen: 18.766 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion:129 Resp: 31146
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.847 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

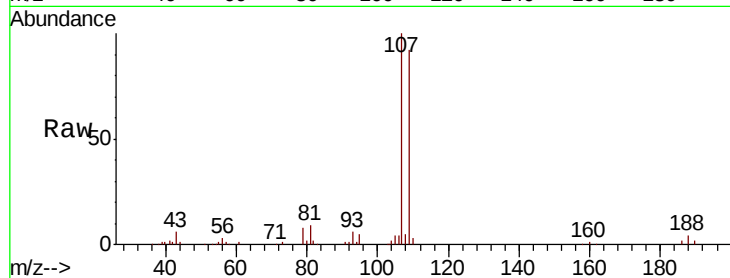
ClientSampled :

Tot Ion:107 Resp: 32986

Ion Ratio Lower Upper

107 100

109 93.5 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

25000

20000

15000

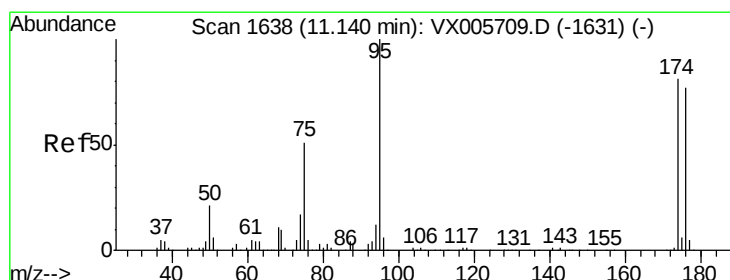
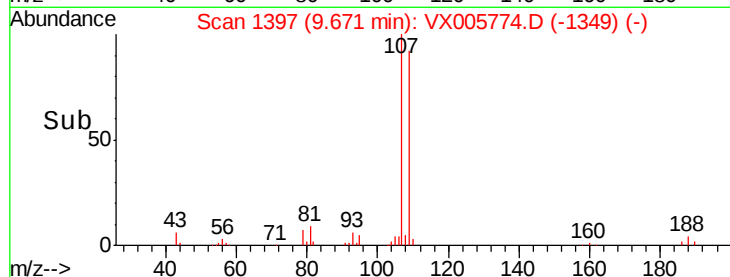
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.716 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

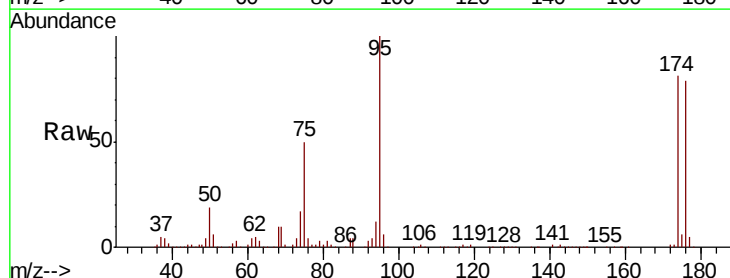
Tgt Ion: 95 Resp: 104860

Ion Ratio Lower Upper

95 100

174 78.8 0.0 184.4

176 75.4 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

11.14

100000

80000

60000

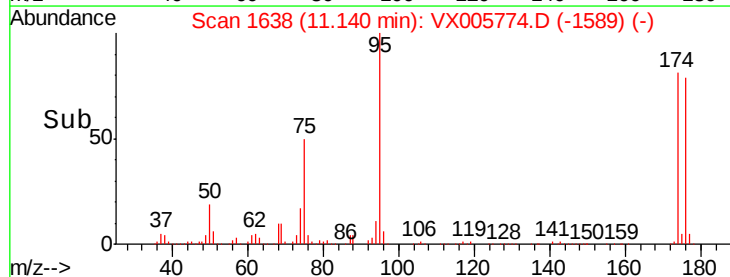
40000

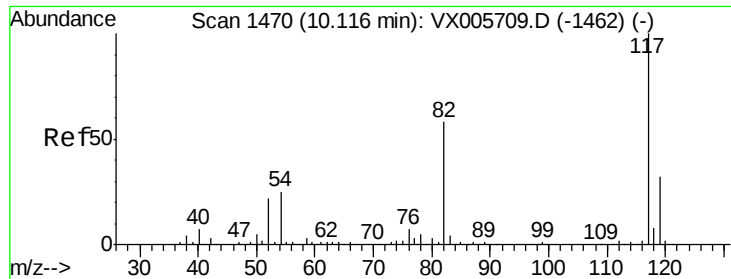
20000

0

Time-->

11.10 11.20

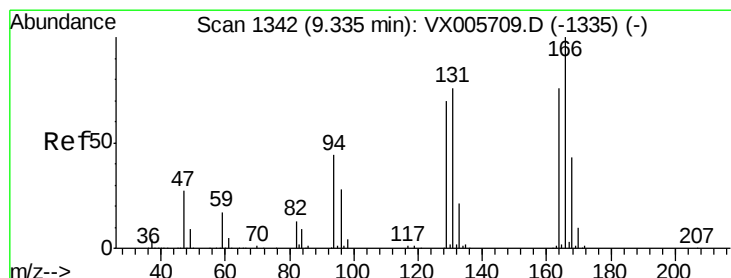
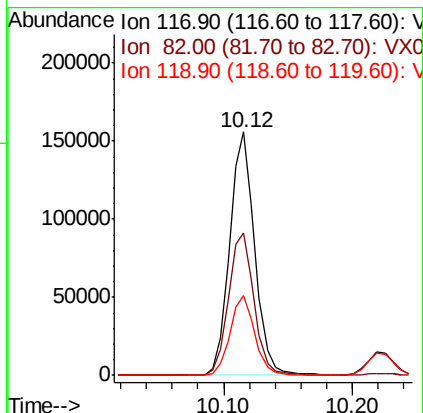
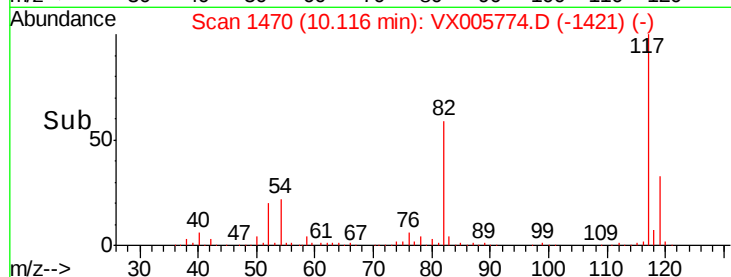
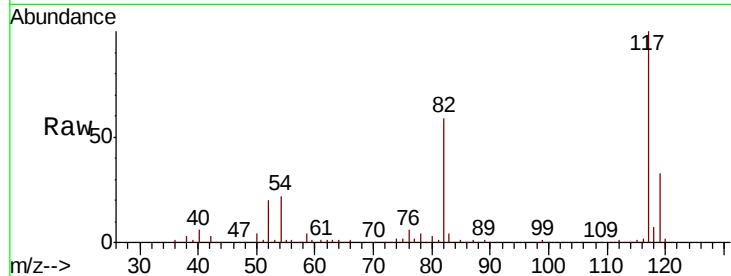




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

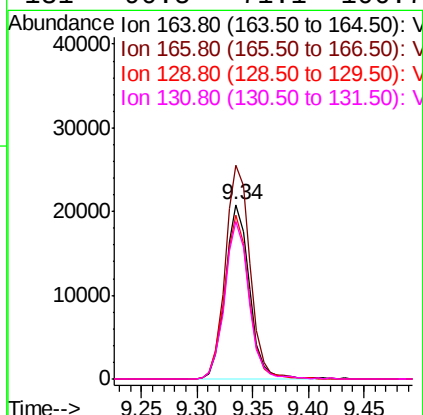
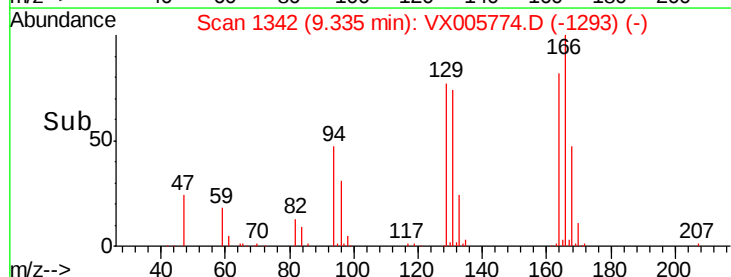
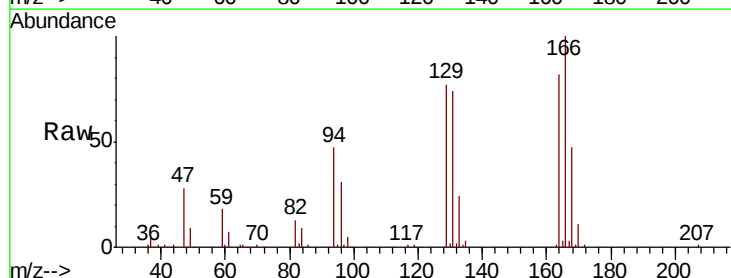
Instrument :
MSVOA_X
ClientSampleId :

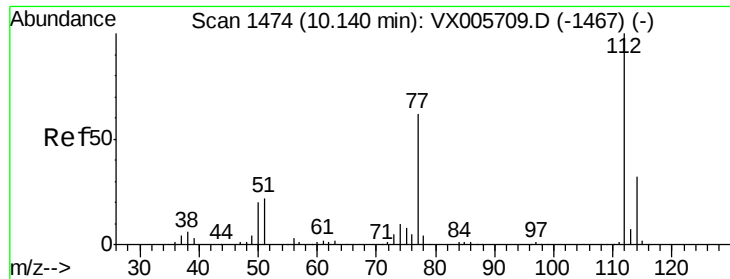
Tot Ion:117 Resp: 211860
Ion Ratio Lower Upper
117 100
82 58.6 44.1 66.1
119 32.6 26.2 39.2



#64
Tetrachloroethene
Concen: 20.272 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion:164 Resp: 31377
Ion Ratio Lower Upper
164 100
166 122.3 101.9 152.9
129 93.6 72.6 109.0
131 90.5 71.1 106.7

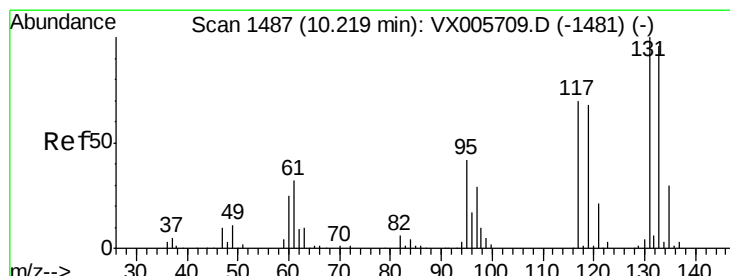
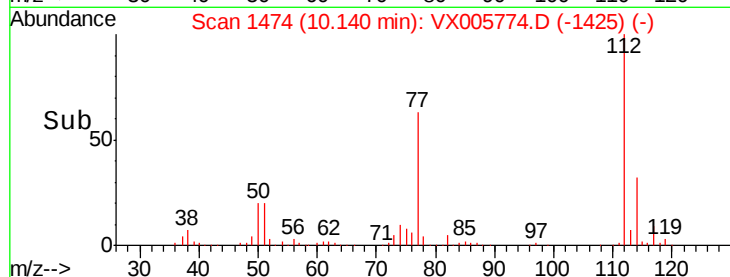
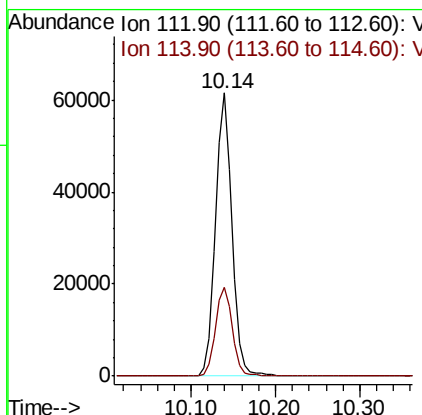
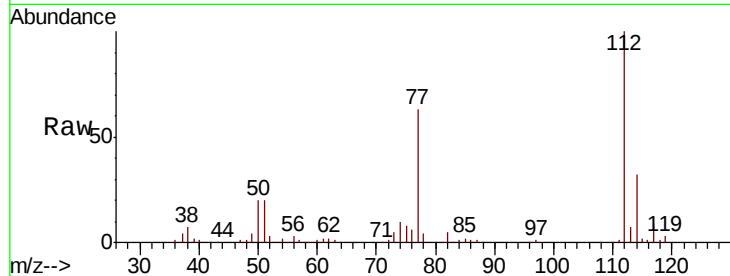




#65
Chlorobenzene
Concen: 18.614 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

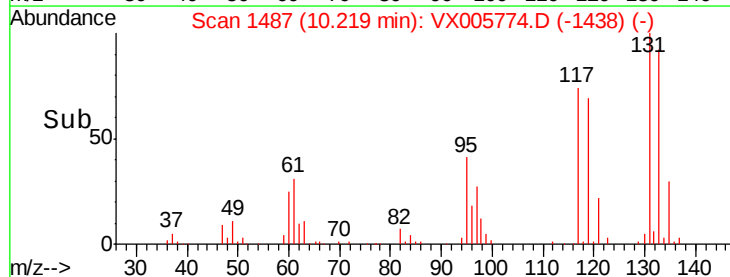
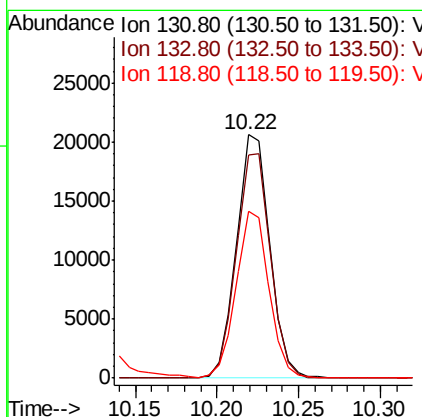
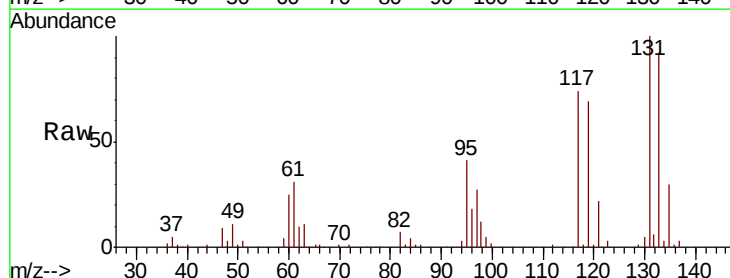
Instrument :
MSVOA_X
ClientSampleId :

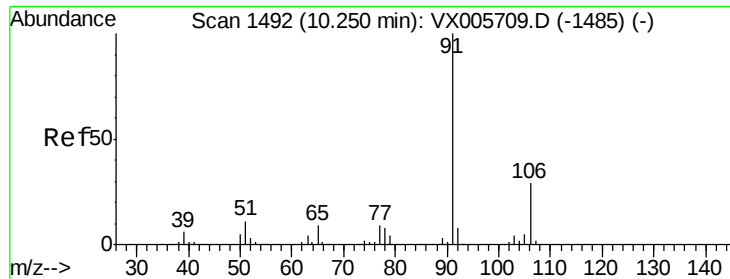
Tot Ion:112 Resp: 83802
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.052 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion:131 Resp: 29363
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.5
119 68.0 31.8 95.3





#67

Ethyl Benzene

Concen: 18.564 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

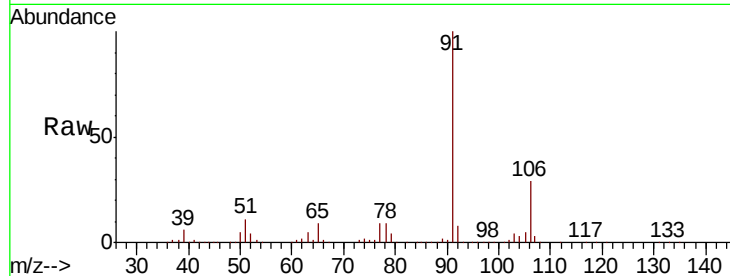
ClientSampleId :

Tot Ion: 91 Resp: 142637

Ion Ratio Lower Upper

91 100

106 29.4 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005709.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX005709.D (-1485) (-)

200000

150000

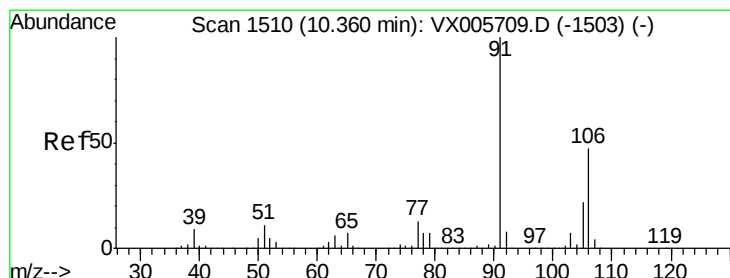
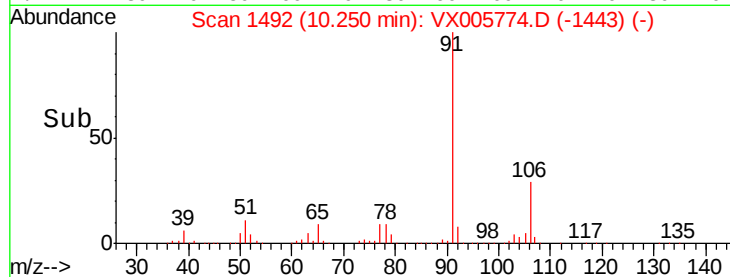
100000

50000

0

10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 38.154 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005774.D

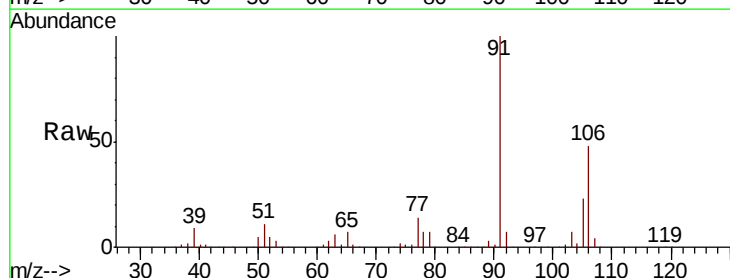
Acq: 05 Nov 2018 13:24

Tgt Ion: 106 Resp: 108933

Ion Ratio Lower Upper

106 100

91 209.4 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005709.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX005709.D (-1503) (-)

200000

150000

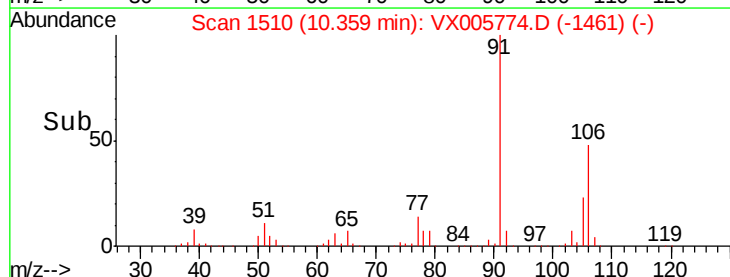
100000

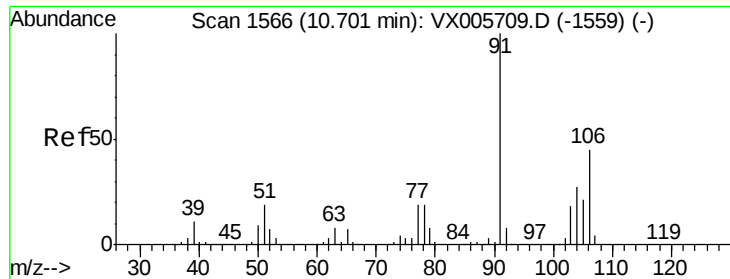
50000

0

10.30 10.36 10.40 10.50

Time-->

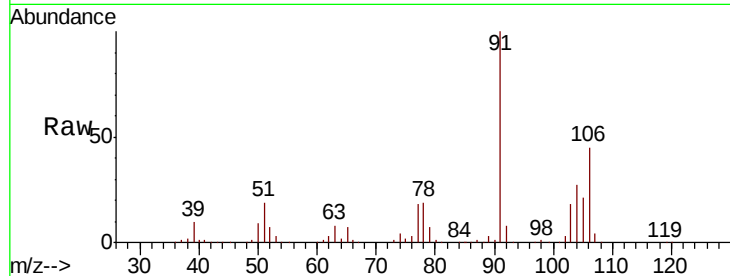




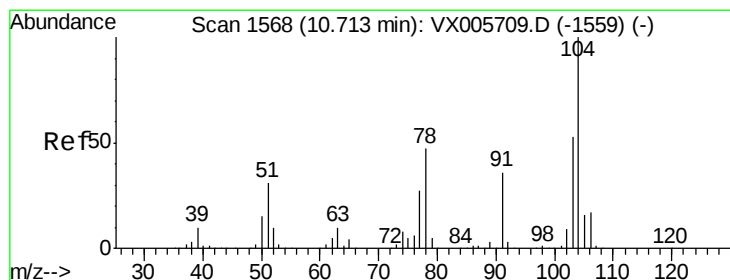
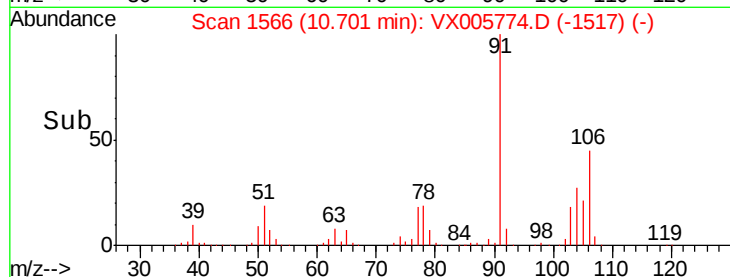
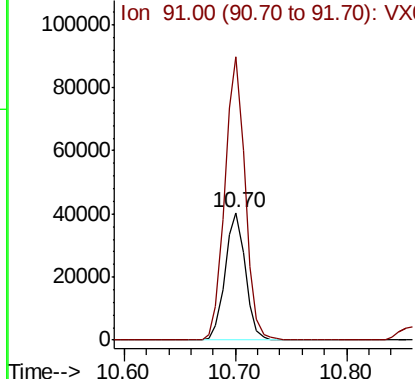
#69
o-Xylene
Concen: 18.599 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 50788
Ion Ratio Lower Upper
106 100
91 222.2 108.5 325.5

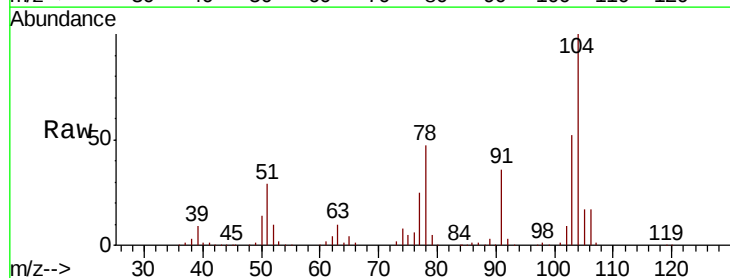


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

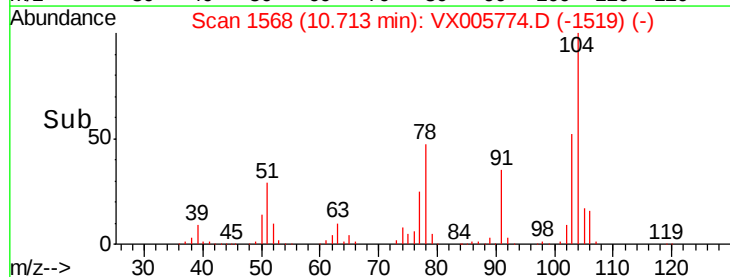
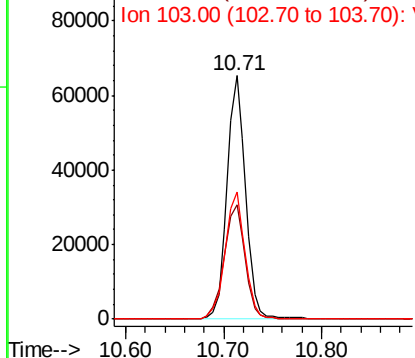


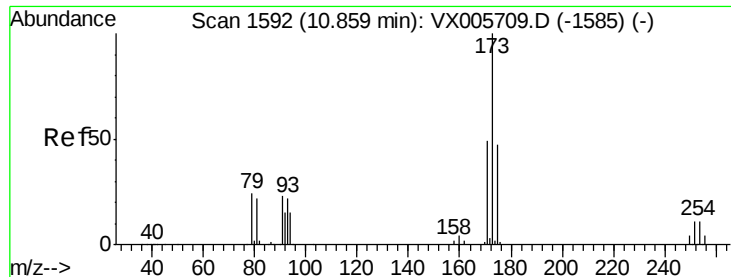
#70
Styrene
Concen: 19.023 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion:104 Resp: 86275
Ion Ratio Lower Upper
104 100
78 53.1 40.2 60.4
103 56.0 44.9 67.3



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





#71

Bromoform

Concen: 18.504 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

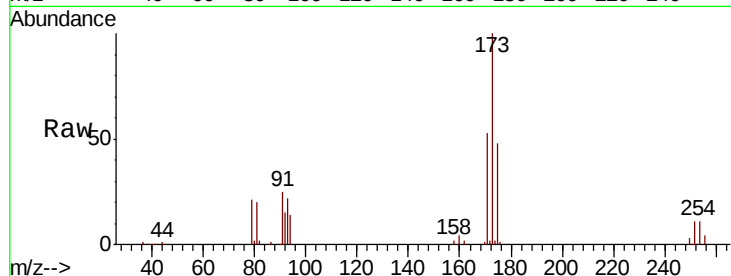
Tot Ion:173 Resp: 23107

Ion Ratio Lower Upper

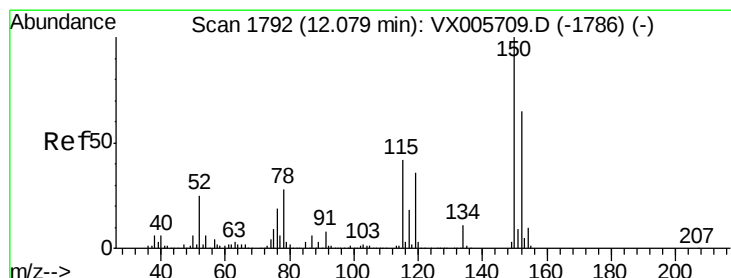
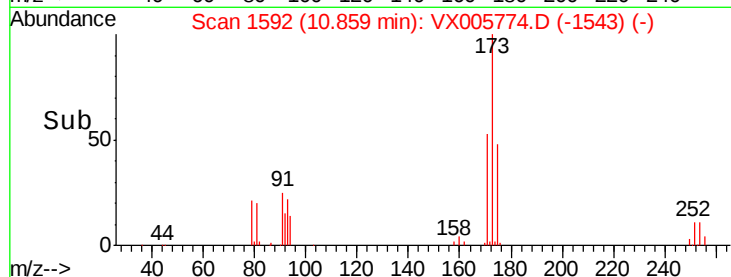
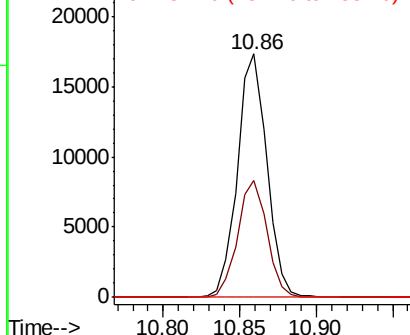
173 100

175 47.9 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: VX005774.D

Acq: 05 Nov 2018 13:24

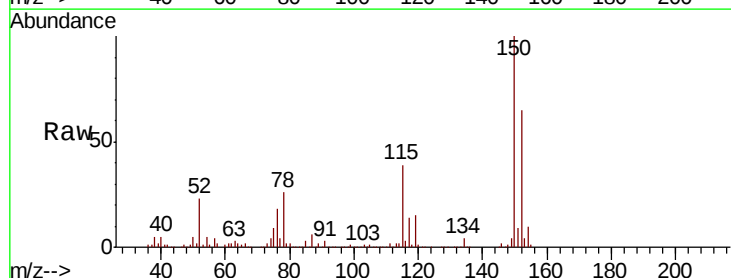
Tgt Ion:152 Resp: 112353

Ion Ratio Lower Upper

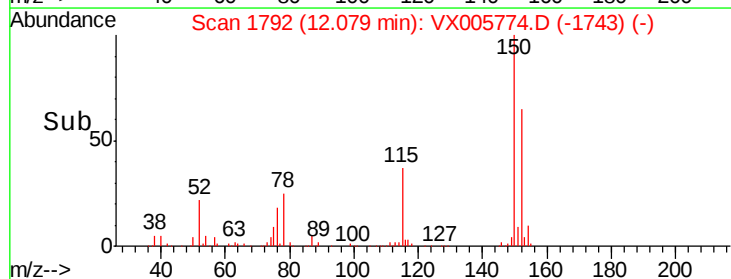
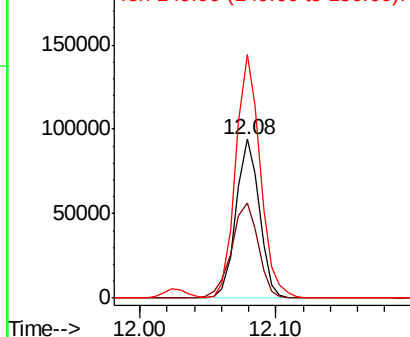
152 100

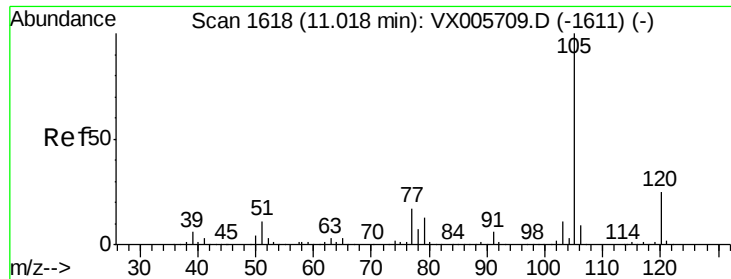
115 68.4 39.4 118.1

150 161.4 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: 19.040 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

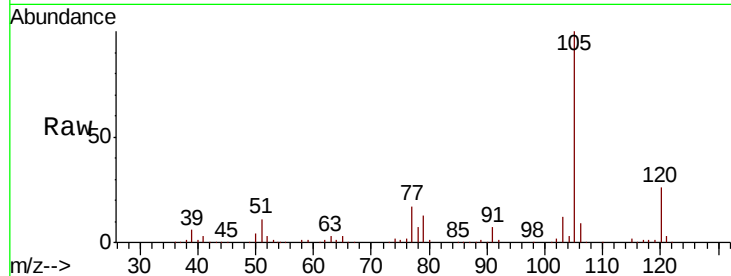
ClientSampleId :

Tot Ion:105 Resp: 141134

Ion Ratio Lower Upper

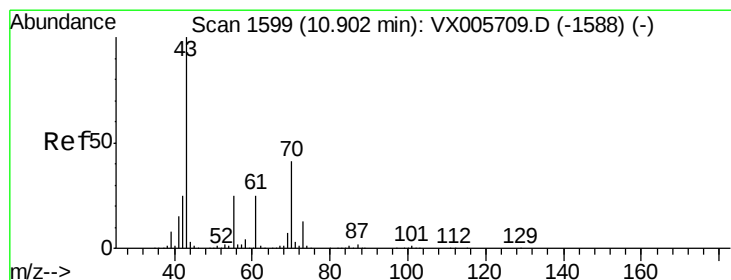
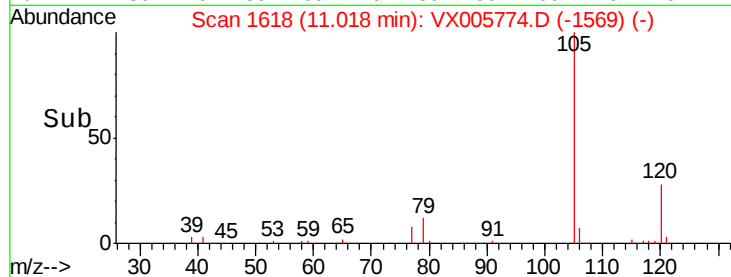
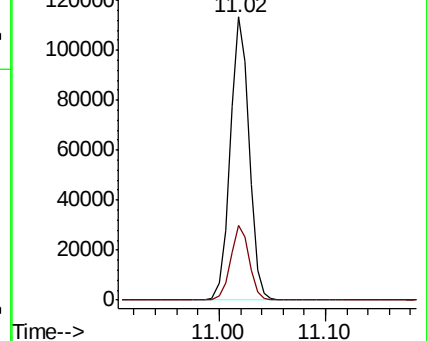
105 100

120 25.8 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.172 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Tgt Ion: 43 Resp: 67769

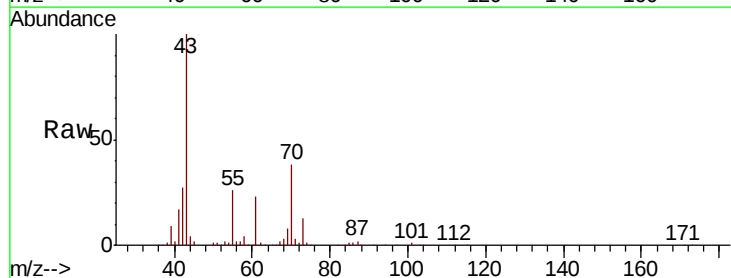
Ion Ratio Lower Upper

43 100

70 40.1 31.6 47.4

55 27.3 19.7 29.5

61 23.3 18.3 27.5

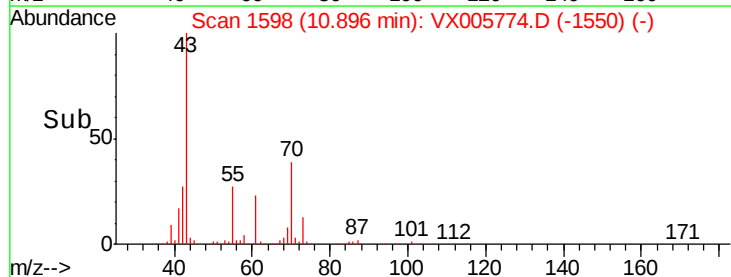
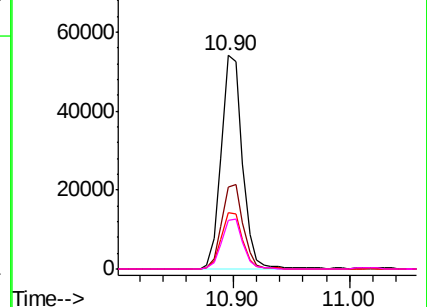


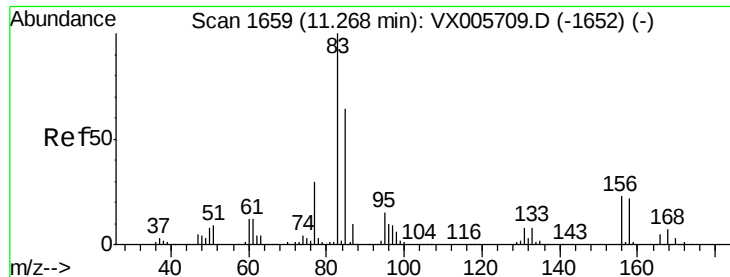
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.851 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

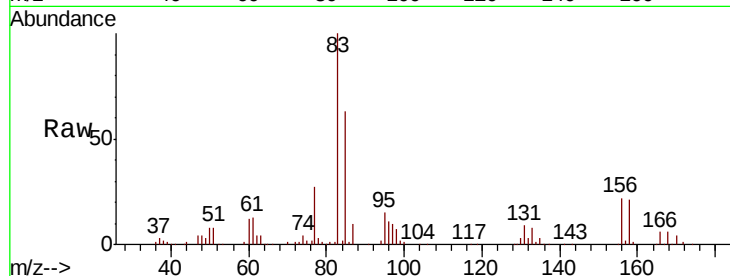
Tot Ion: 83 Resp: 54896

Ion Ratio Lower Upper

83 100

131 9.2 5.3 15.9

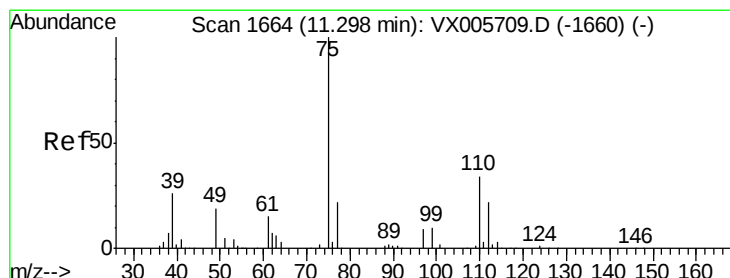
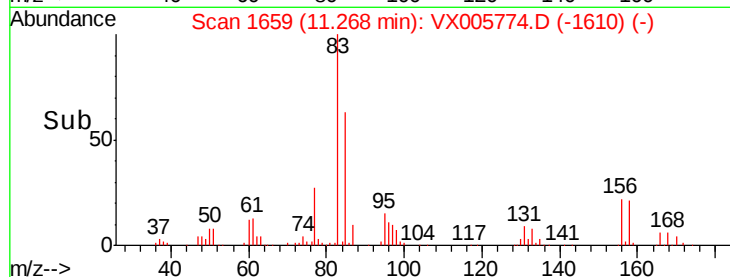
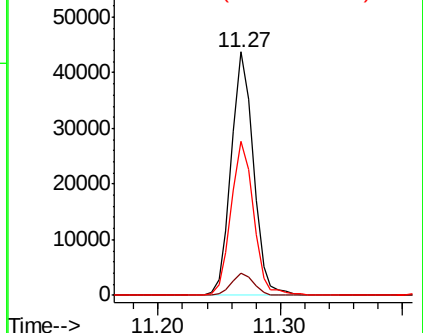
85 63.9 32.0 96.2



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: 22.978 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005774.D

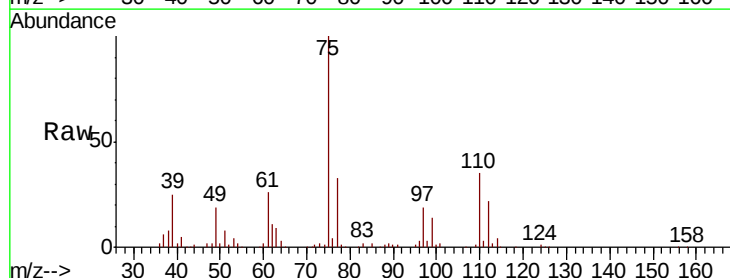
Acq: 05 Nov 2018 13:24

Tgt Ion: 75 Resp: 64299

Ion Ratio Lower Upper

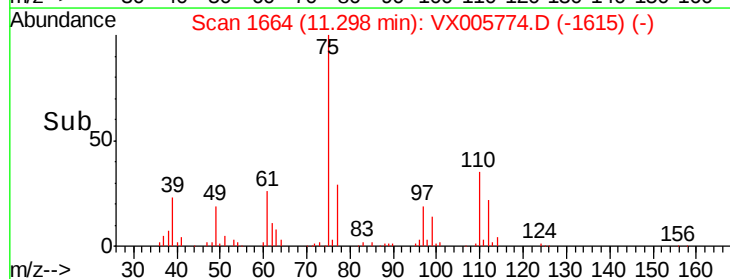
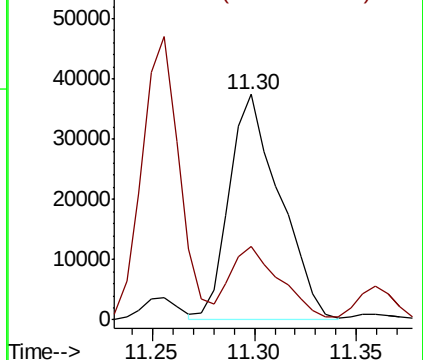
75 100

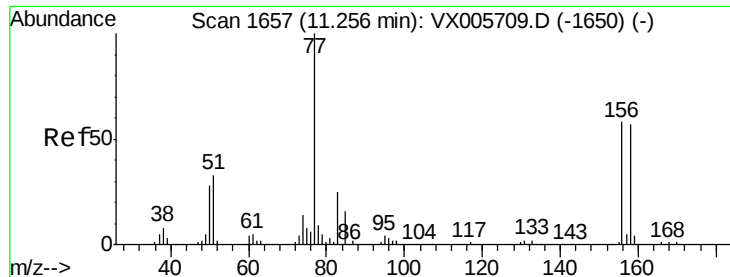
77 32.1 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.939 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

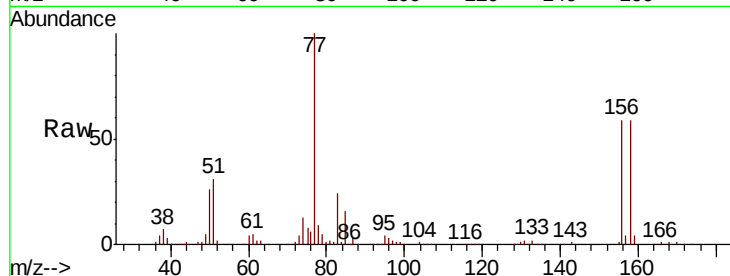
Tot Ion:156 Resp: 34825

Ion Ratio Lower Upper

156 100

77 172.4 74.8 224.4

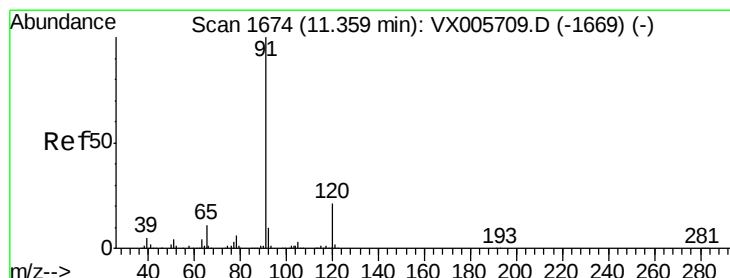
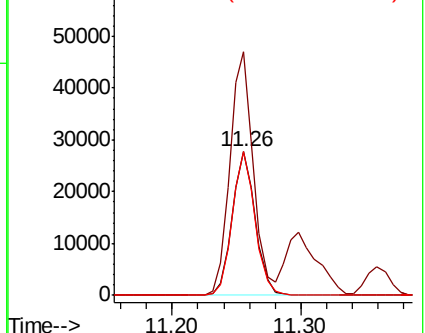
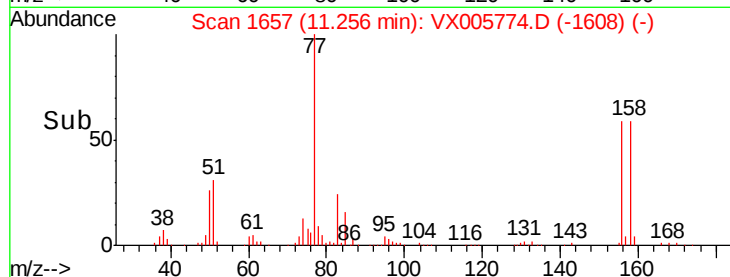
158 98.4 49.1 147.3



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: 19.065 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005774.D

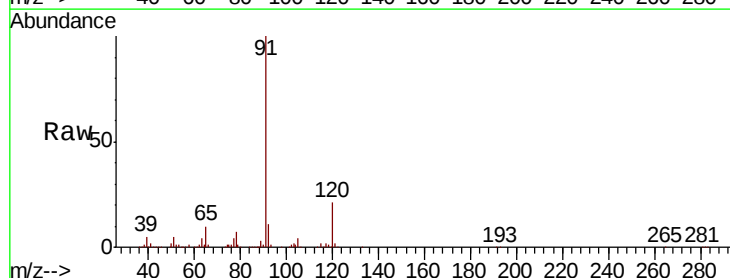
Acq: 05 Nov 2018 13:24

Tgt Ion: 91 Resp: 171912

Ion Ratio Lower Upper

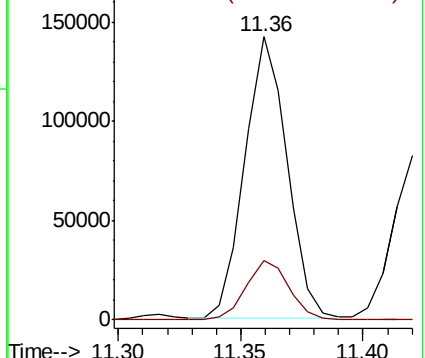
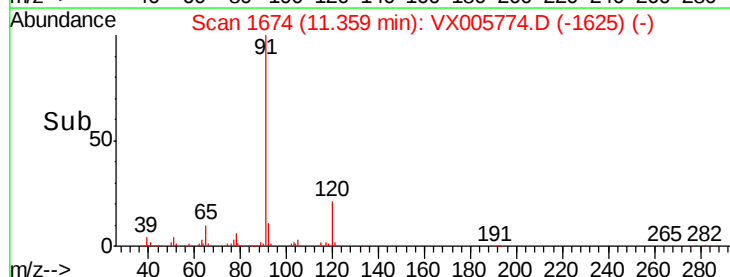
91 100

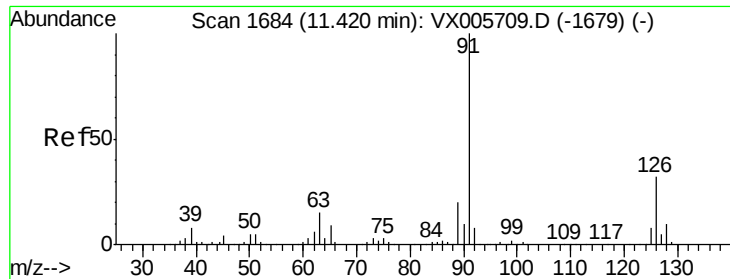
120 21.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

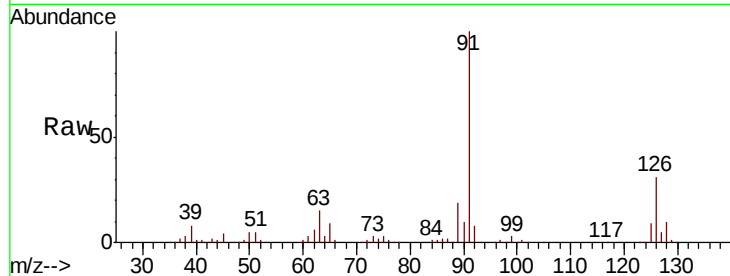




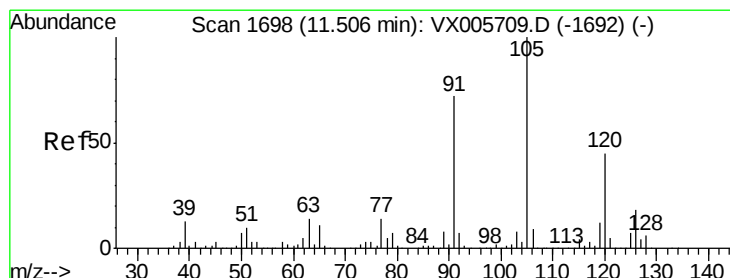
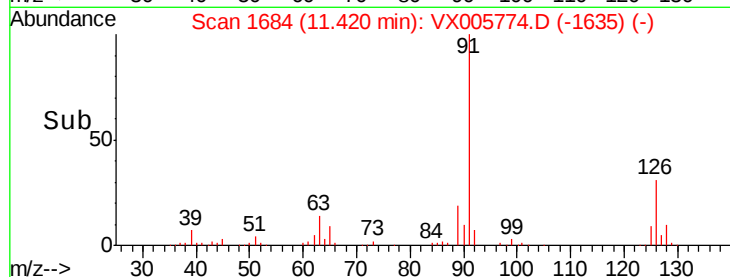
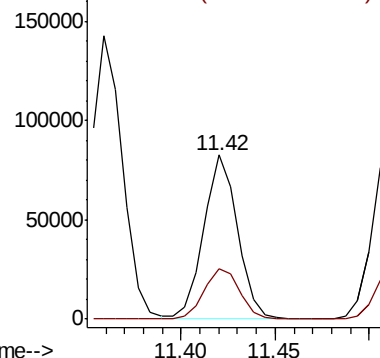
#79
 2-Chlorotoluene
 Concen: 18.896 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 101764
 Ion Ratio Lower Upper
 91 100
 126 32.7 17.3 52.0

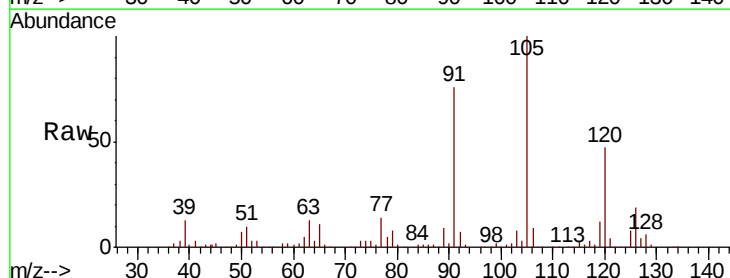


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

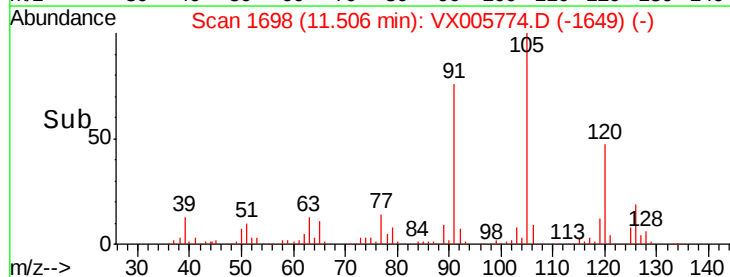
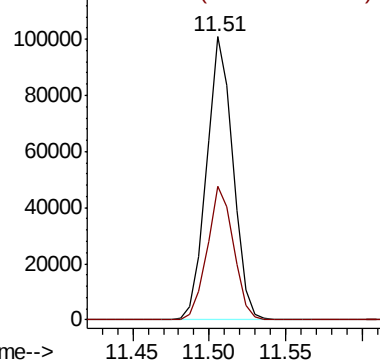


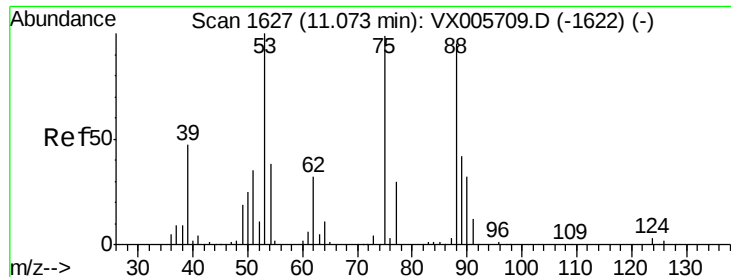
#80
 1,3,5-Trimethylbenzene
 Concen: 19.158 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion:105 Resp: 120578
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.1 72.2



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





#81

trans-1,4-Dichloro-2-butene

Concen: 18.051 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampled :

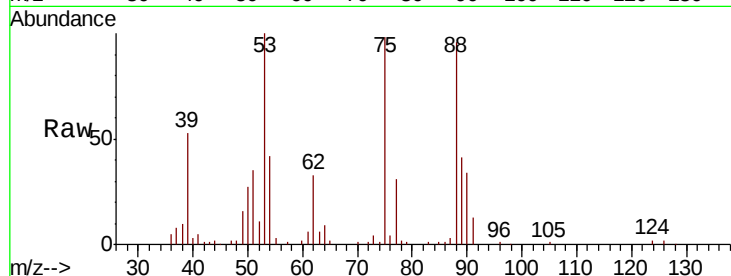
Tot Ion: 75 Resp: 15634

Ion Ratio Lower Upper

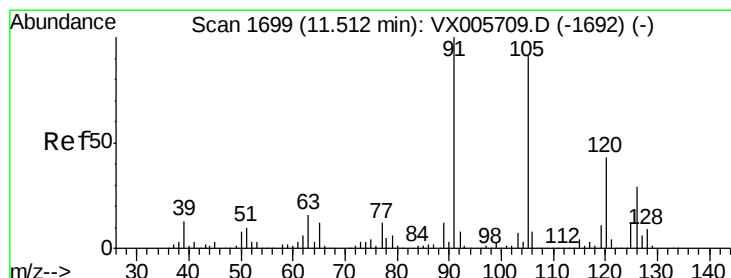
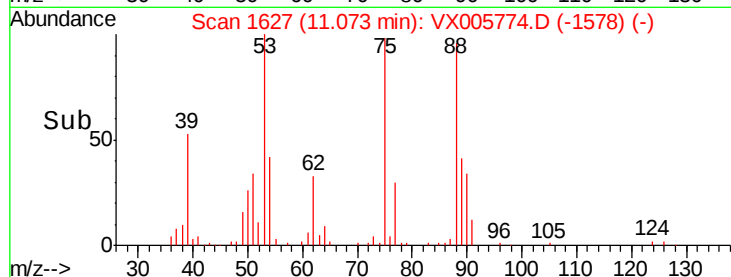
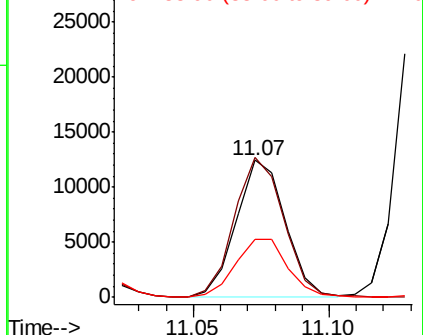
75 100

53 101.6 80.2 120.2

89 45.1 39.8 59.8



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



#82

4-Chlorotoluene

Concen: 18.687 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005774.D

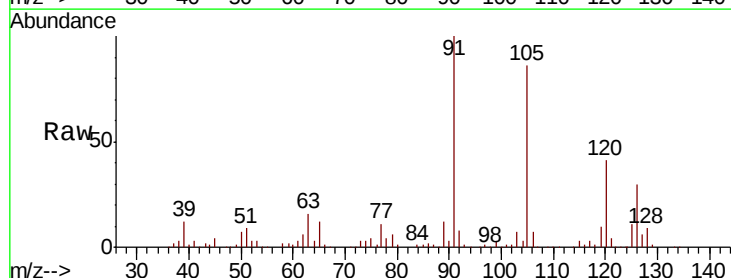
Acq: 05 Nov 2018 13:24

Tgt Ion: 91 Resp: 120148

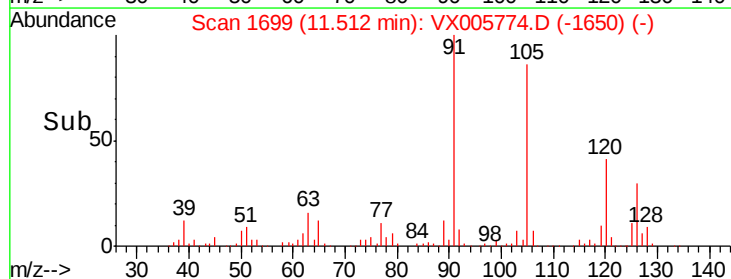
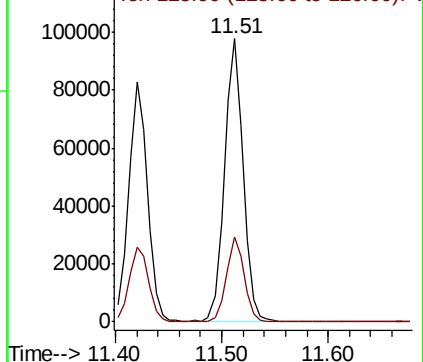
Ion Ratio Lower Upper

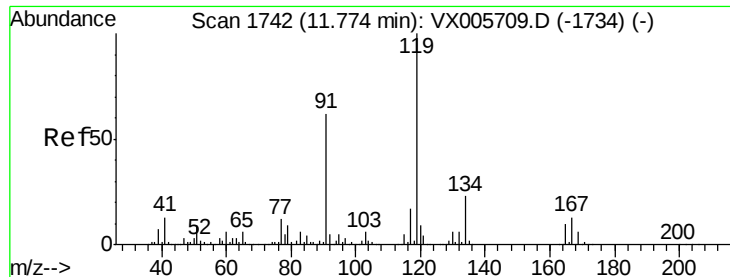
91 100

126 29.0 15.2 45.6



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

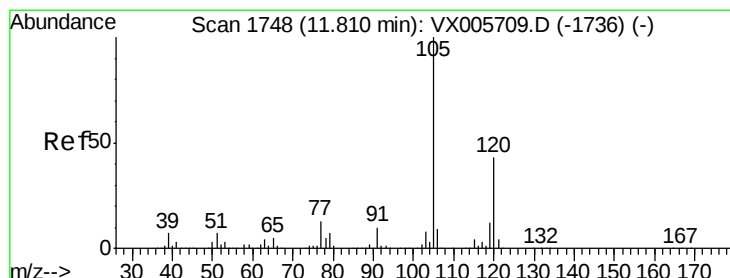
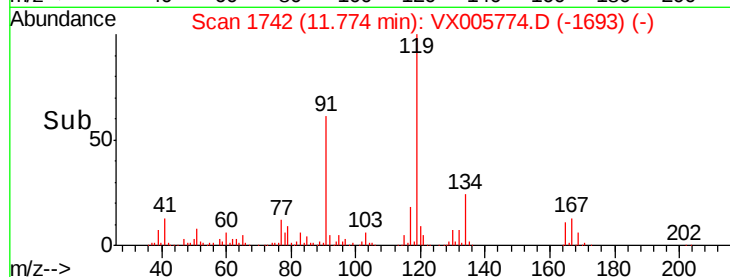
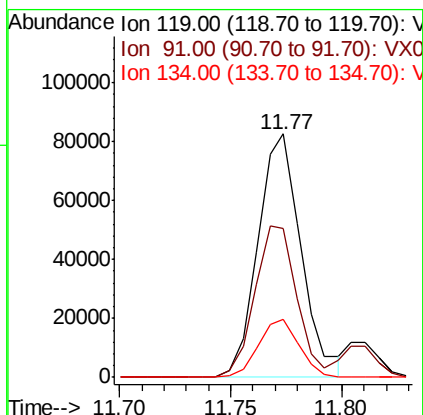
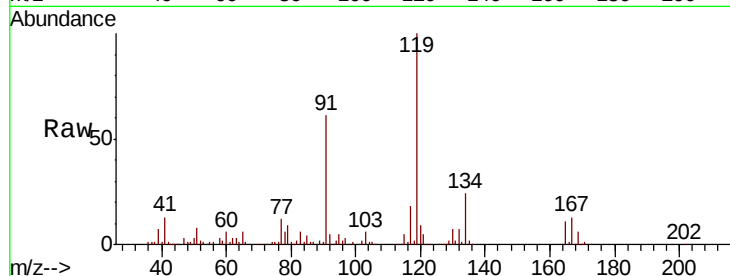




#83
 tert-Butylbenzene
 Concen: 18.528 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

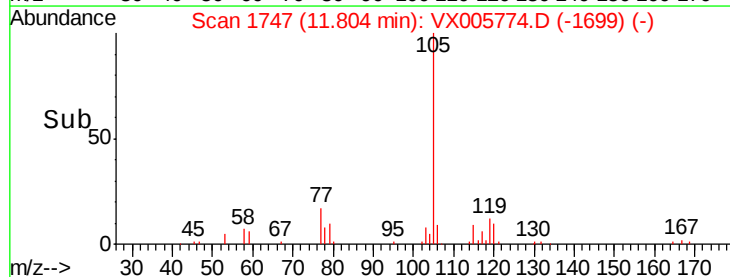
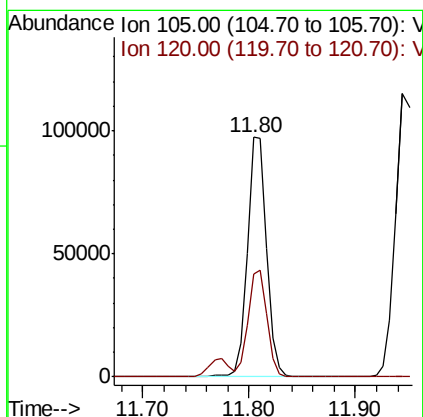
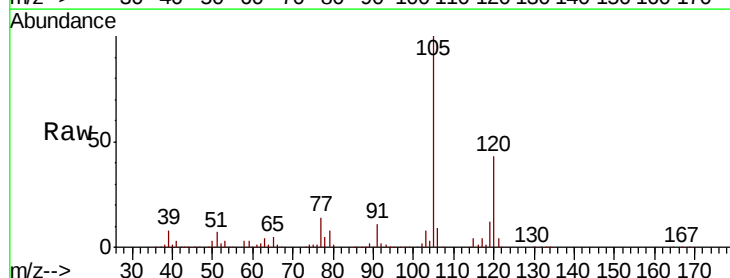
Instrument :
 MSVOA_X
 ClientSampled :

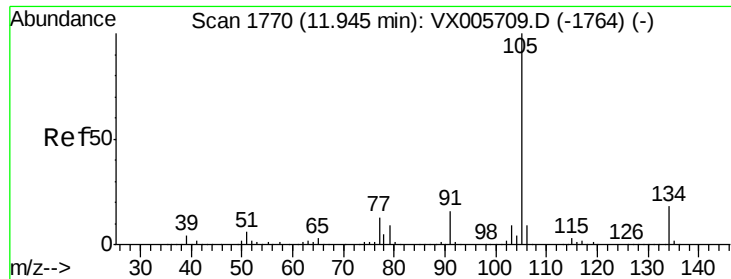
Tot Ion:119 Resp: 111262
 Ion Ratio Lower Upper
 119 100
 91 60.5 28.5 85.5
 134 22.7 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.401 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion:105 Resp: 123298
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.4 67.0





#85

sec-Butylbenzene

Concen: 18.722 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

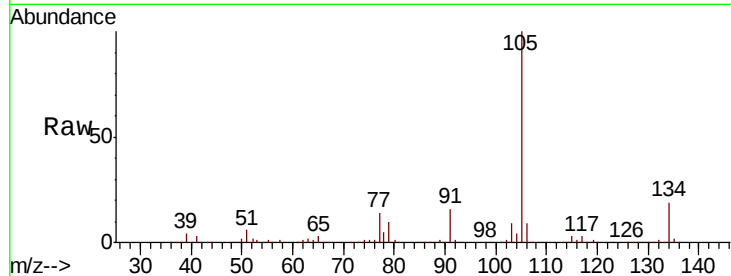
ClientSampleId :

Tot Ion:105 Resp: 144222

Ion Ratio Lower Upper

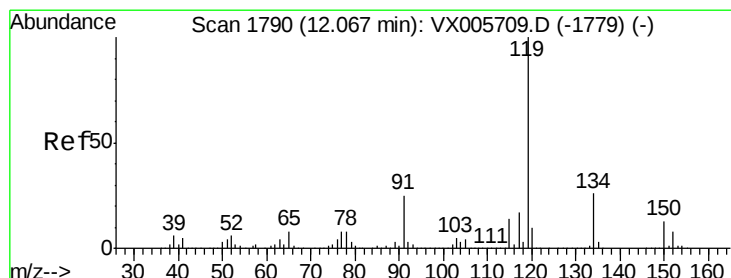
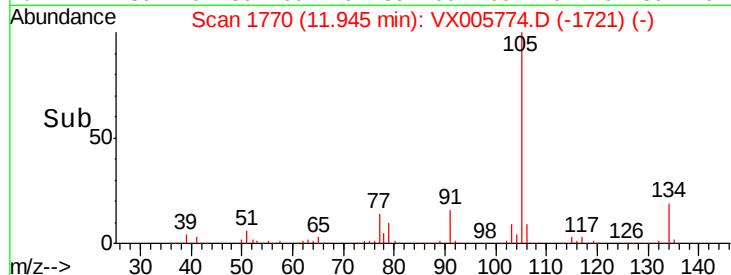
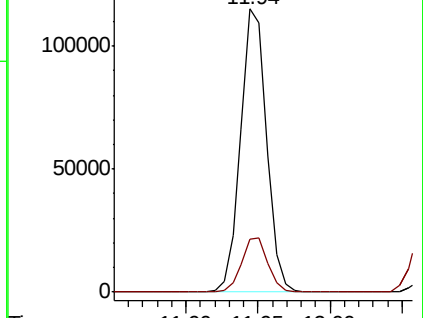
105 100

134 19.2 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: 18.985 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

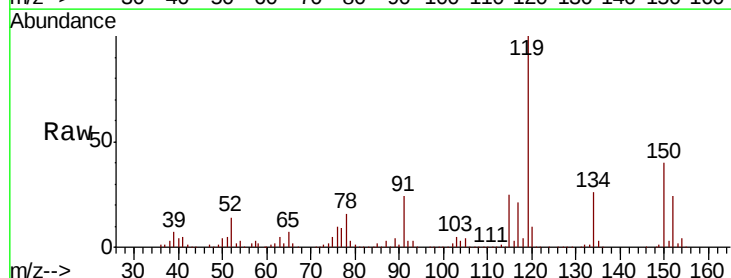
Tgt Ion:119 Resp: 124379

Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

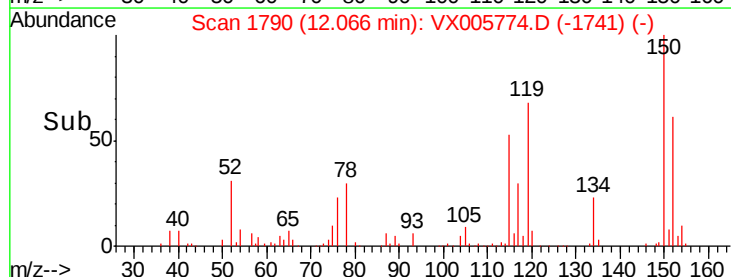
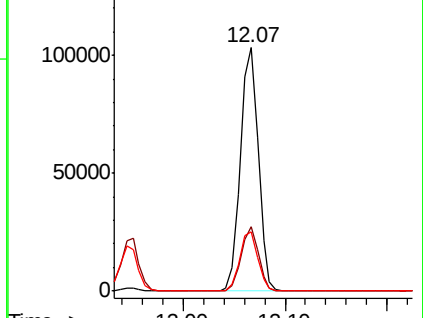
91 24.8 11.4 34.2

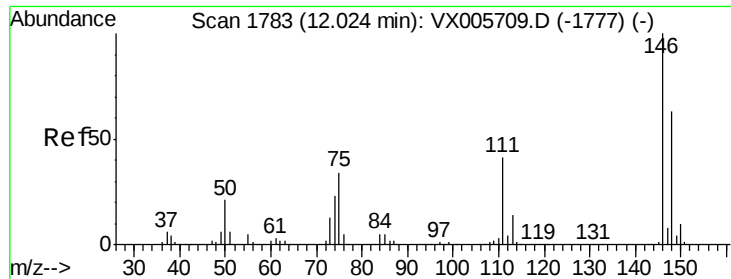


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.567 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

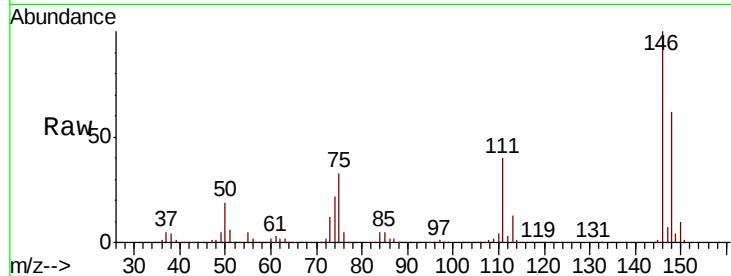
Tot Ion:146 Resp: 66013

Ion Ratio Lower Upper

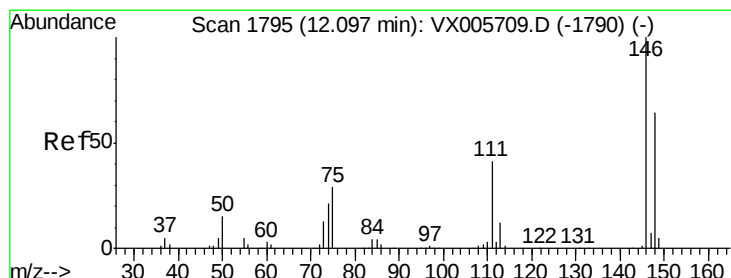
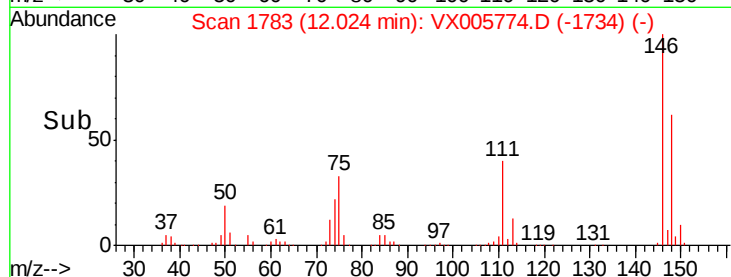
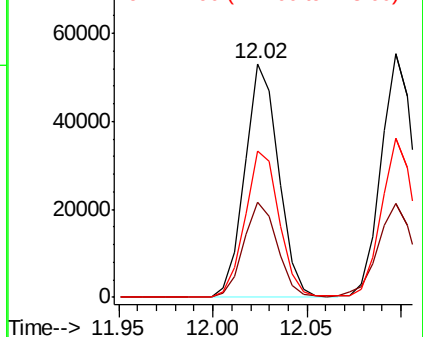
146 100

111 40.5 19.0 57.0

148 63.4 31.9 95.9



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



#88

1,4-Dichlorobenzene

Concen: 17.786 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

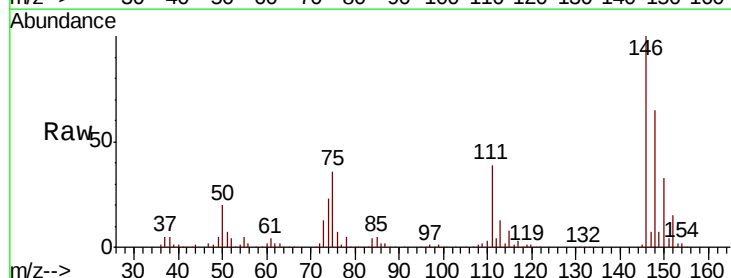
Tgt Ion:146 Resp: 67932

Ion Ratio Lower Upper

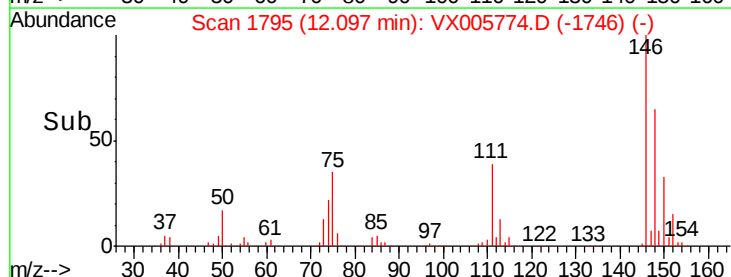
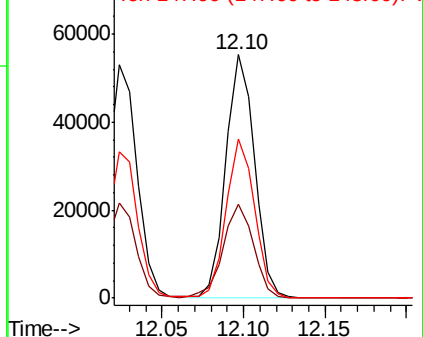
146 100

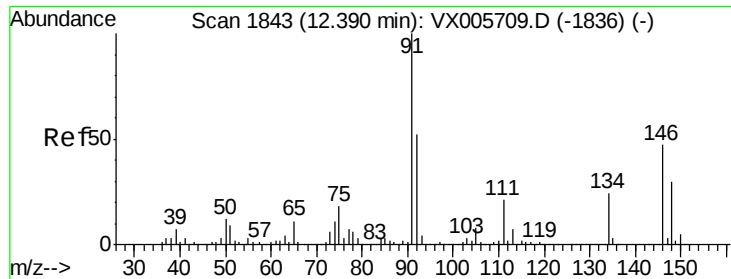
111 41.2 18.6 55.8

148 64.9 32.1 96.3



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

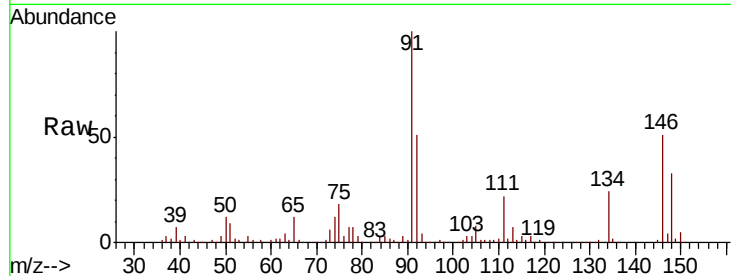




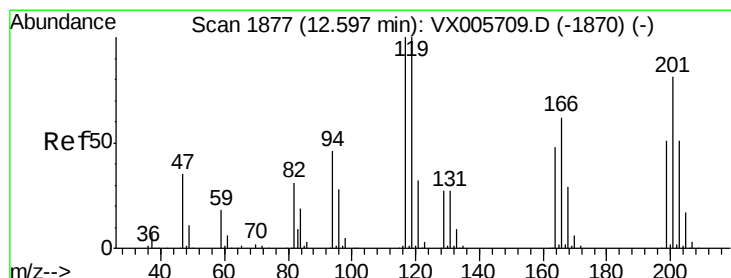
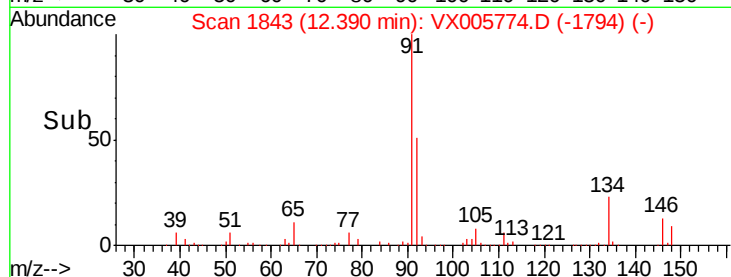
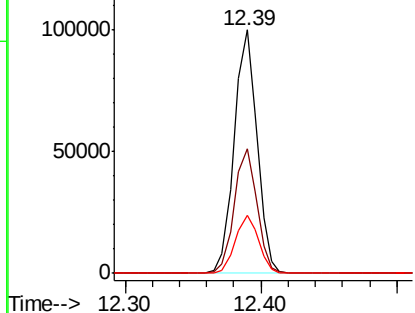
#89
n-Butylbenzene
Concen: 17.675 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 116830
Ion Ratio Lower Upper
91 100
92 50.9 26.1 78.2
134 24.2 13.1 39.3

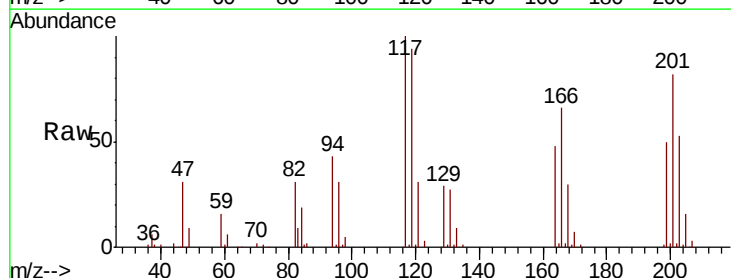


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

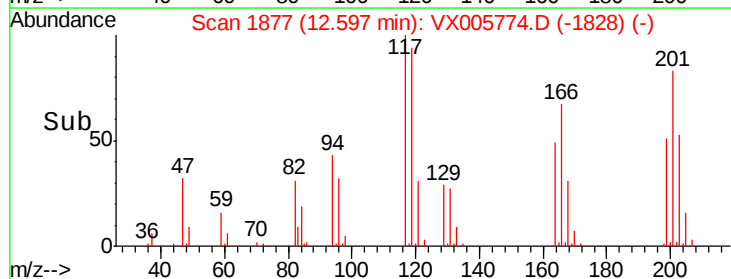
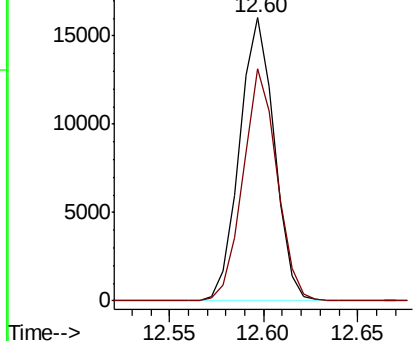


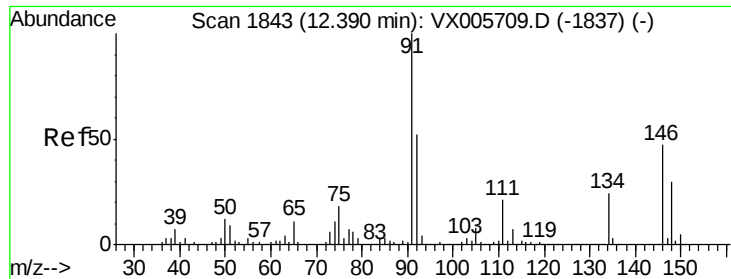
#90
Hexachloroethane
Concen: 17.652 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005774.D
Acq: 05 Nov 2018 13:24

Tgt Ion: 117 Resp: 20517
Ion Ratio Lower Upper
117 100
201 80.0 47.9 143.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

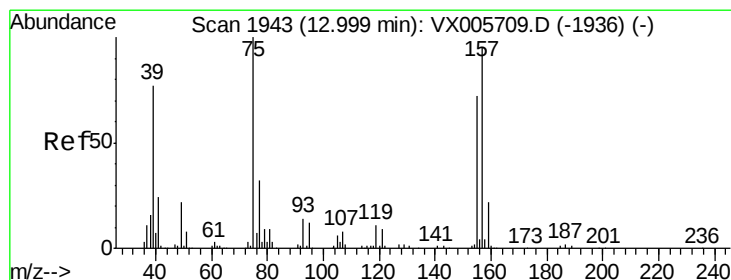
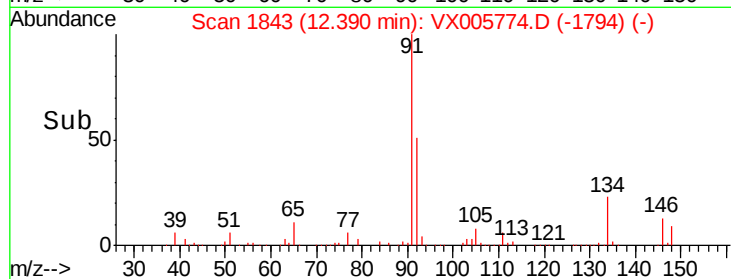
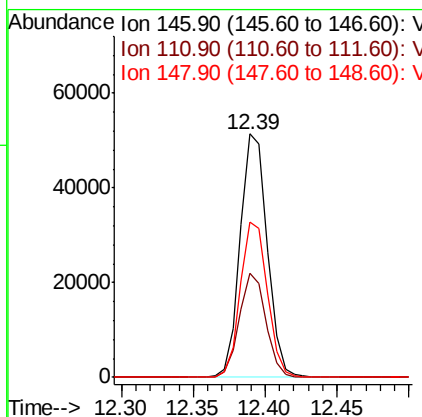
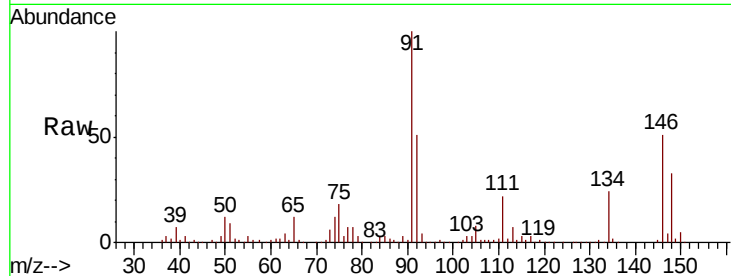




#91
 1,2-Dichlorobenzene
 Concen: 18.050 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

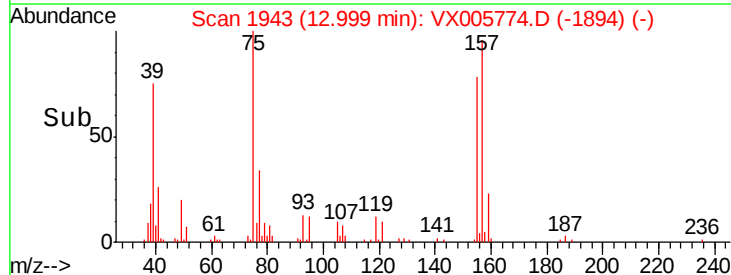
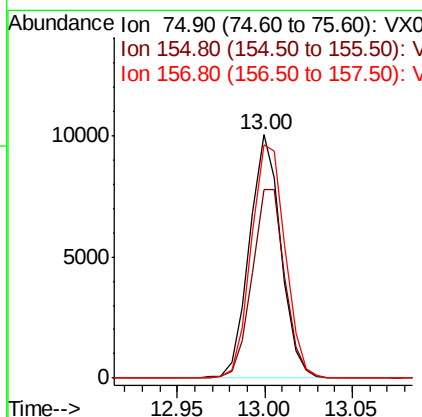
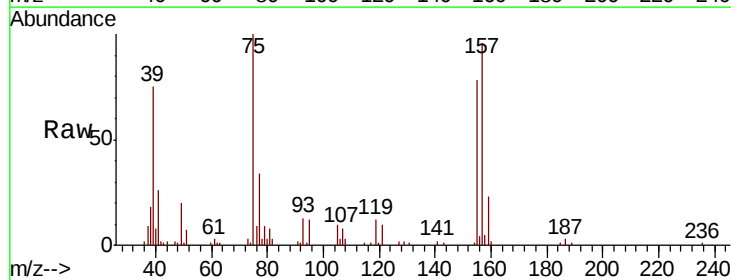
Instrument :
 MSVOA_X
 ClientSampleId :

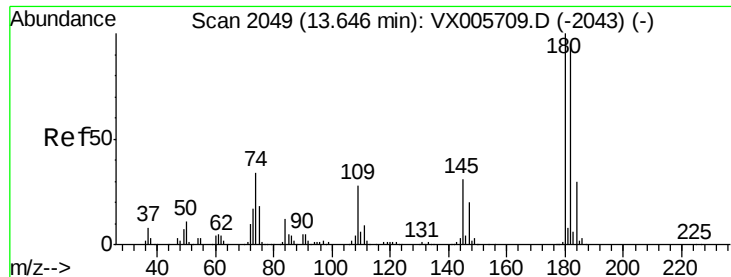
Tot Ion:146 Resp: 67042
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.0 59.9
 148 63.7 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.398 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion: 75 Resp: 12549
 Ion Ratio Lower Upper
 75 100
 155 80.6 45.4 136.1
 157 103.0 57.4 172.0

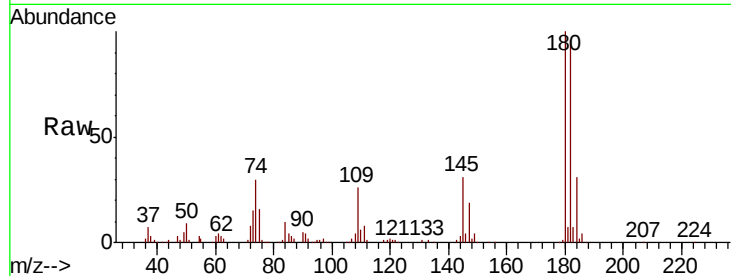




#93
 1,2,4-Trichlorobenzene
 Concen: 18.536 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.6	142.8
145	30.2	14.1	42.2

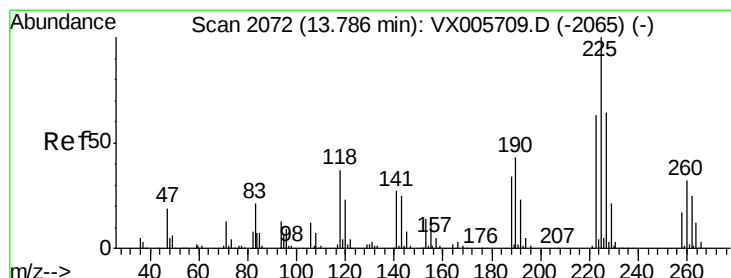
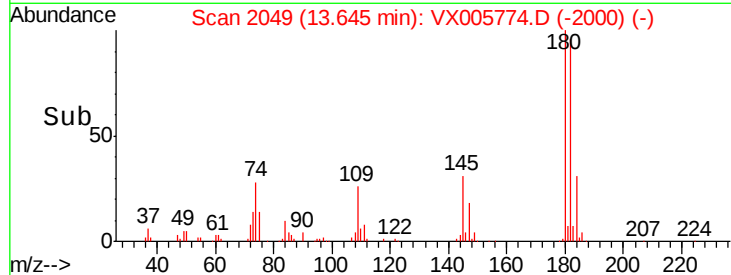
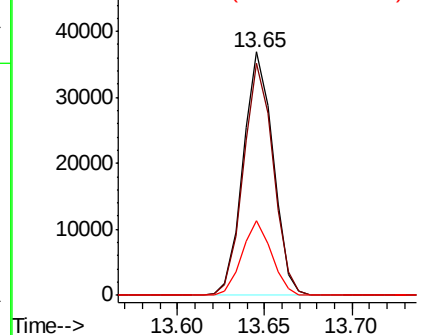


Abundance

Ion 179.80 (179.50 to 180.50): V

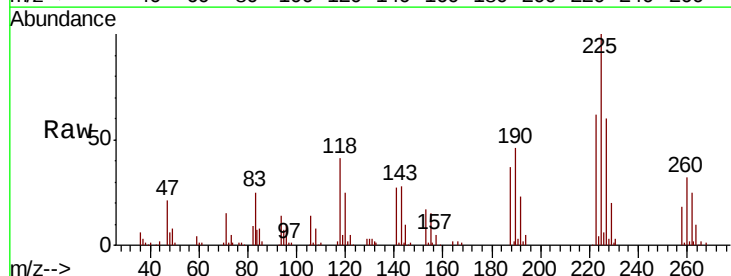
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.989 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005774.D
 Acq: 05 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.7	95.1
227	62.6	32.3	96.9

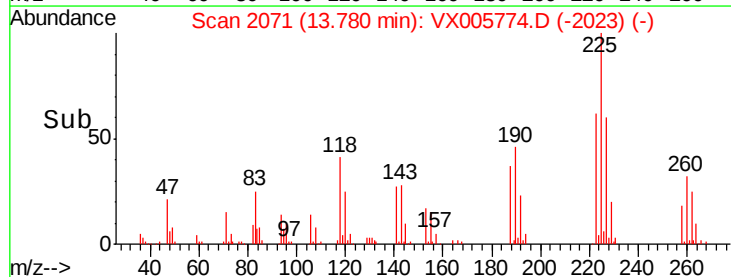
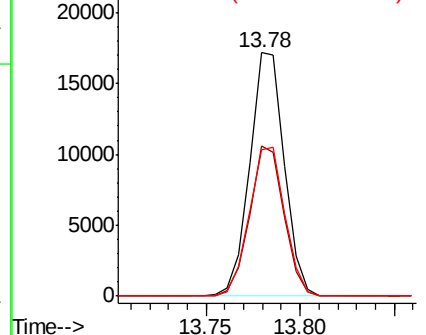


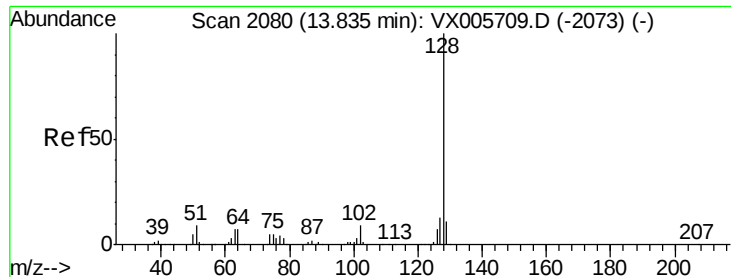
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.561 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

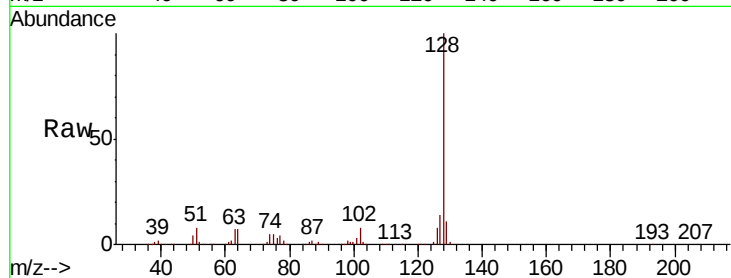
Tot Ion:128 Resp: 145416

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

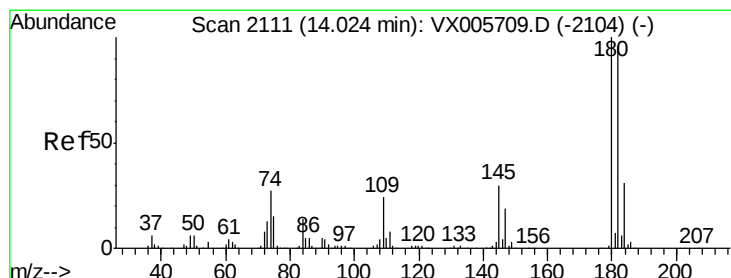
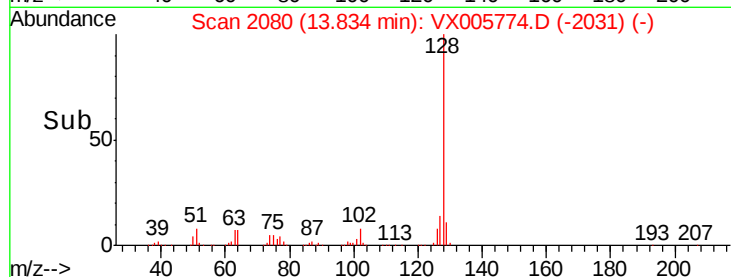
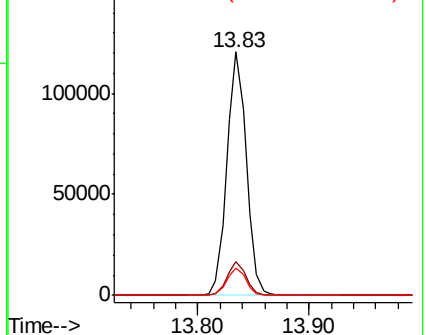
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.169 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005774.D

Acq: 05 Nov 2018 13:24

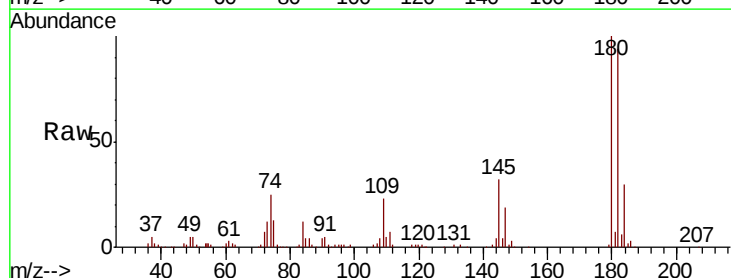
Tgt Ion:180 Resp: 46491

Ion Ratio Lower Upper

180 100

182 95.1 48.0 144.2

145 31.7 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

