

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110218\
 Data File : VX005749.D
 Acq On : 02 Nov 2018 12:00
 Operator : JC/MD
 Sample : VX1102WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

Quant Time: Nov 03 01:25:26 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	118698	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	193771	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	172045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	88510	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	86580	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	5.50	113	67536	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	8.72	98	234164	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.14	95	83836	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	29090	21.215	ug/l	98
3) Chloromethane	1.32	50	32133	19.867	ug/l	97
4) Vinyl Chloride	1.40	62	35030	20.817	ug/l	99
5) Bromomethane	1.64	94	29577	14.165	ug/l	91
6) Chloroethane	1.72	64	21665	21.931	ug/l	95
7) Trichlorofluoromethane	1.93	101	42241	19.557	ug/l	98
8) Diethyl Ether	2.19	74	18416	18.969	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	26313	20.056	ug/l	90
10) Methyl Iodide	2.51	142	24300	20.230	ug/l	100
11) Tert butyl alcohol	3.07	59	49632	105.313	ug/l	100
12) 1,1-Dichloroethene	2.37	96	23957	18.739	ug/l	91
13) Acrolein	2.29	56	25249	83.413	ug/l	91
14) Allyl chloride	2.73	41	51692	19.554	ug/l	97
15) Acrylonitrile	3.15	53	106007	102.290	ug/l	99
16) Acetone	2.45	43	92967	98.541	ug/l	97
17) Carbon Disulfide	2.57	76	68565	17.453	ug/l	100
18) Methyl Acetate	2.78	43	49774	19.985	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	92742	20.957	ug/l	97
20) Methylene Chloride	2.85	84	30236	20.205	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	25722	19.014	ug/l	84
22) Diisopropyl ether	3.87	45	97130	19.807	ug/l	# 93
23) Vinyl Acetate	3.82	43	425789	99.687	ug/l	99
24) 1,1-Dichloroethane	3.70	63	57754	20.828	ug/l	99
25) 2-Butanone	4.70	43	142997	97.682	ug/l	99
26) 2,2-Dichloropropane	4.59	77	38828	18.732	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	28740	18.907	ug/l	97
28) Bromochloromethane	5.01	49	26559	19.633	ug/l	94
29) Tetrahydrofuran	5.17	42	90799	101.621	ug/l	94
30) Chloroform	5.22	83	53824	19.854	ug/l	97
31) Cyclohexane	5.58	56	43958	18.958	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	42140	19.422	ug/l	95
36) 1,1-Dichloropropene	5.80	75	37375	18.104	ug/l	99
37) Ethyl Acetate	4.87	43	52150	19.800	ug/l	99
38) Carbon Tetrachloride	5.78	117	34623	18.563	ug/l	95

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Quant Time: Nov 03 01:25:26 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	37680	17.501	ug/l	97
40) Benzene	6.14	78	115139	18.747	ug/l	96
41) Methacrylonitrile	5.06	41	27413	19.263	ug/l	93
42) 1,2-Dichloroethane	6.21	62	43656	19.230	ug/l	99
43) Isopropyl Acetate	6.46	43	70910	18.549	ug/l	98
44) Trichloroethene	7.21	130	26388	18.577	ug/l	94
45) 1,2-Dichloropropane	7.52	63	29889	18.990	ug/l	97
46) Dibromomethane	7.66	93	19502	19.388	ug/l #	86
47) Bromodichloromethane	7.90	83	37214	19.724	ug/l	91
48) Methyl methacrylate	7.78	41	36570	19.765	ug/l	96
49) 1,4-Dioxane	7.76	88	16446	399.173	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	253920	97.413	ug/l	98
52) Toluene	8.79	92	65415	19.691	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	37897	18.534	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	42513	19.406	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	28523	19.770	ug/l	98
56) Ethyl methacrylate	9.18	69	41218	18.470	ug/l	97
57) 1,3-Dichloropropane	9.37	76	47690	19.243	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	127125	97.954	ug/l	96
59) 2-Hexanone	9.50	43	200565	94.549	ug/l	98
60) Dibromochloromethane	9.59	129	25800	18.506	ug/l	99
61) 1,2-Dibromoethane	9.67	107	28351	19.285	ug/l	99
64) Tetrachloroethene	9.34	164	24818	19.745	ug/l	95
65) Chlorobenzene	10.14	112	70508	19.286	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	24389	19.487	ug/l	97
67) Ethyl Benzene	10.25	91	120715	19.347	ug/l	99
68) m/p-Xylenes	10.36	106	90943	39.225	ug/l	96
69) o-Xylene	10.70	106	43602	19.663	ug/l	97
70) Styrene	10.71	104	73274	19.895	ug/l	98
71) Bromoform	10.86	173	19395	19.126	ug/l #	98
73) Isopropylbenzene	11.02	105	119081	20.393	ug/l	99
74) N-amyl acetate	10.90	43	59356	19.092	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	48168	19.883	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	54583	24.760	ug/l	85
77) Bromobenzene	11.26	156	28719	19.826	ug/l	86
78) n-propylbenzene	11.36	91	144108	20.287	ug/l	96
79) 2-Chlorotoluene	11.42	91	85981	20.266	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	102295	20.632	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	12777	18.727	ug/l	93
82) 4-Chlorotoluene	11.51	91	102175	20.172	ug/l	96
83) tert-Butylbenzene	11.77	119	93824	19.833	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	104074	20.787	ug/l	98
85) sec-Butylbenzene	11.94	105	121859	20.081	ug/l	97
86) p-Isopropyltoluene	12.07	119	102887	19.935	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	55027	19.647	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	55849	18.561	ug/l	97
89) n-Butylbenzene	12.39	91	95556	18.351	ug/l	97
90) Hexachloroethane	12.60	117	17414	19.018	ug/l	79
91) 1,2-Dichlorobenzene	12.40	146	55868	19.093	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11051	19.449	ug/l	88

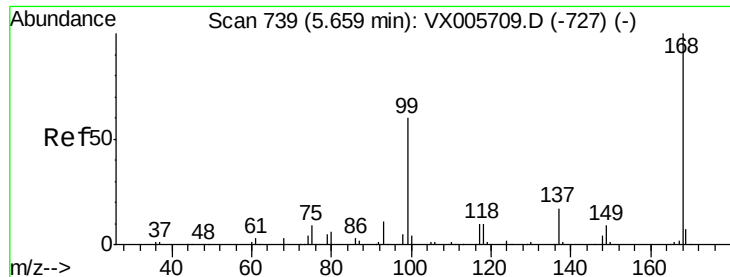
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110218\
Data File : VX005749.D
Acq On : 02 Nov 2018 12:00
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Sample : VX1102WBSD01
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MSVOA_X
ClientSampleId :
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Quant Time: Nov 03 01:25:26 2018
Quant Method : Z:\V0ASRV\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	35673	19.008	ug/l	99
94) Hexachlorobutadiene	13.79	225	17331	19.089	ug/l	97
95) Naphthalene	13.83	128	122995	19.928	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	37641	19.701	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

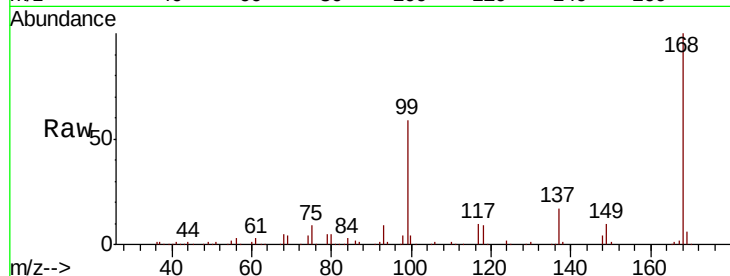
VX1102WBSD01

Tot Ion:168 Resp: 118698

Ion Ratio Lower Upper

168 100

99 58.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VX005709.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX005709.D (-727) (-)

5.67

40000

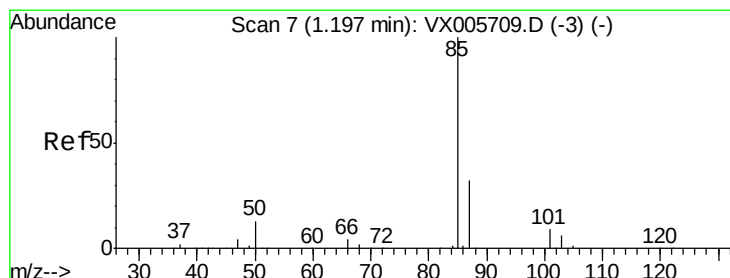
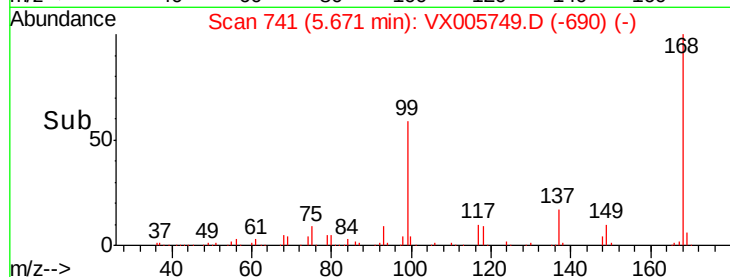
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.215 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005749.D

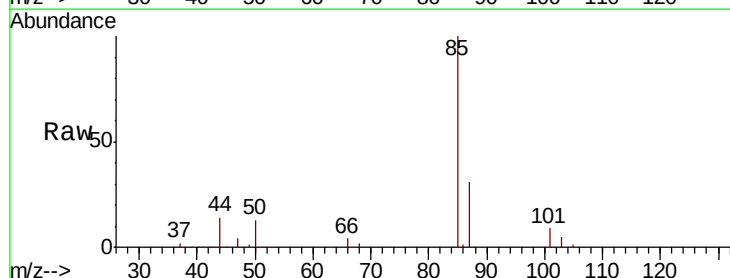
Acq: 02 Nov 2018 12:00

Tgt Ion: 85 Resp: 29090

Ion Ratio Lower Upper

85 100

87 31.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX005709.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX005709.D (-3) (-)

1.20

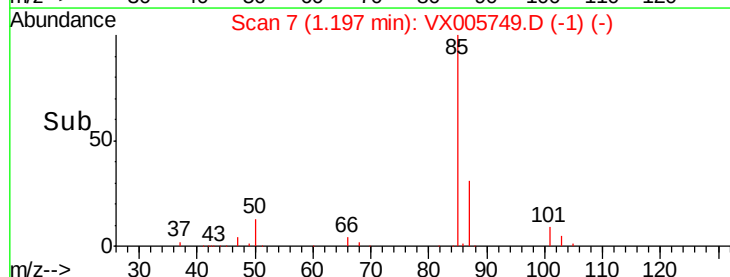
30000

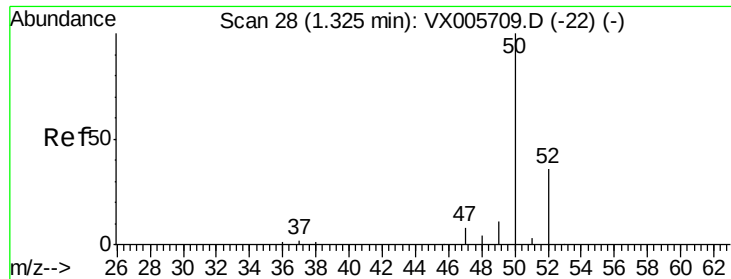
20000

10000

0

Time--> 1.15 1.20 1.25

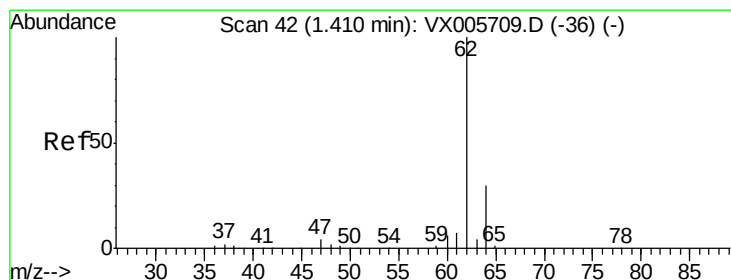
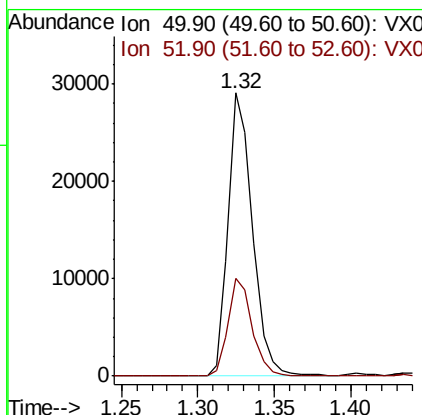
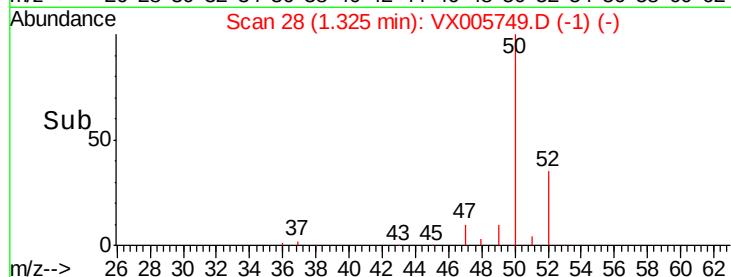
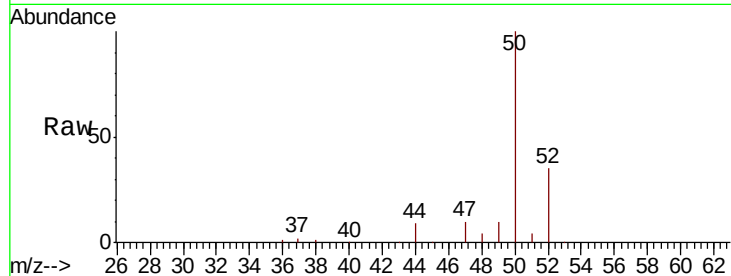




#3
Chloromethane
Concen: 19.867 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

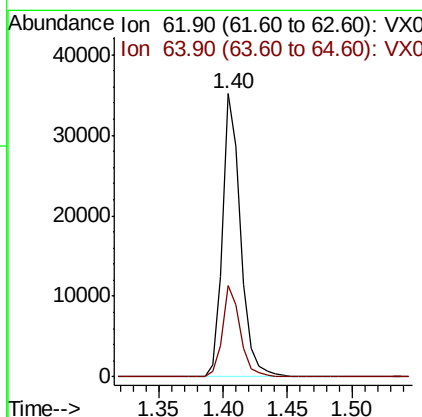
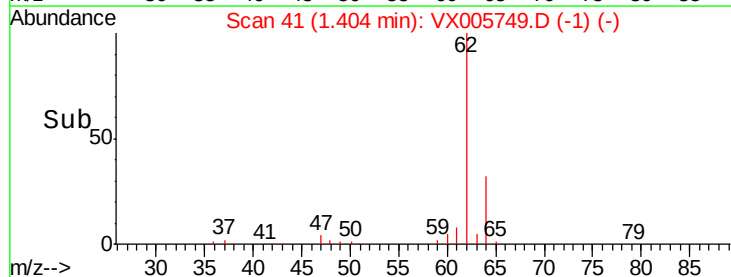
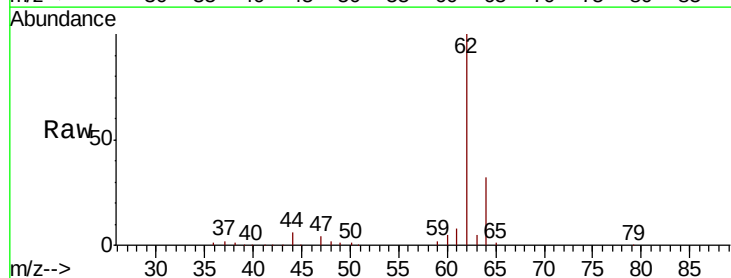
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

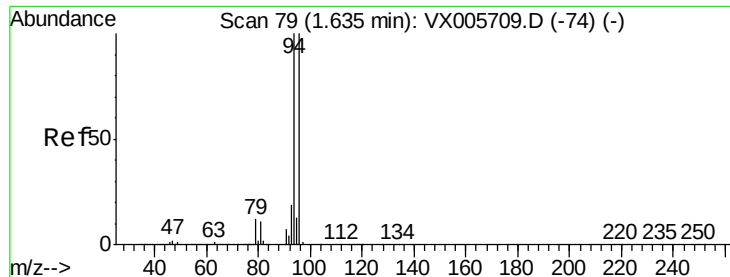
Tot Ion: 50 Resp: 32133
Ion Ratio Lower Upper
50 100
52 34.6 26.2 39.2



#4
Vinyl Chloride
Concen: 20.817 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion: 62 Resp: 35030
Ion Ratio Lower Upper
62 100
64 32.4 25.3 37.9





#5

Bromomethane

Concen: 14.165 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

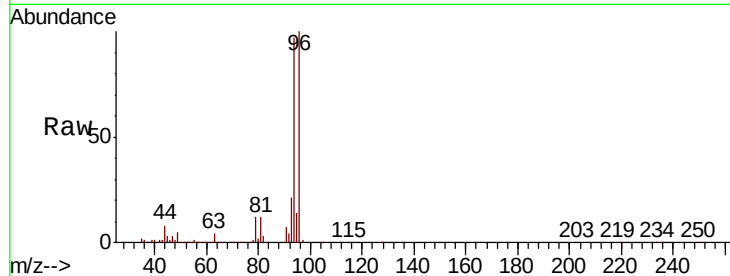
VX1102WBSD01

Tot Ion: 94 Resp: 29577

Ion Ratio Lower Upper

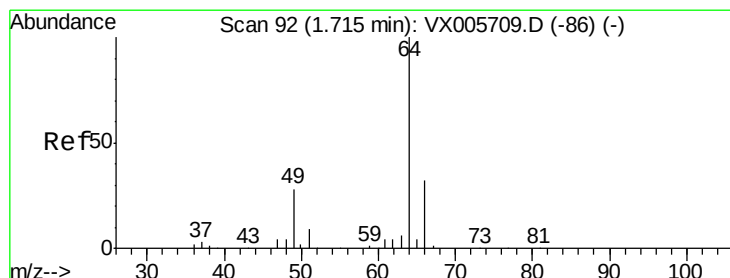
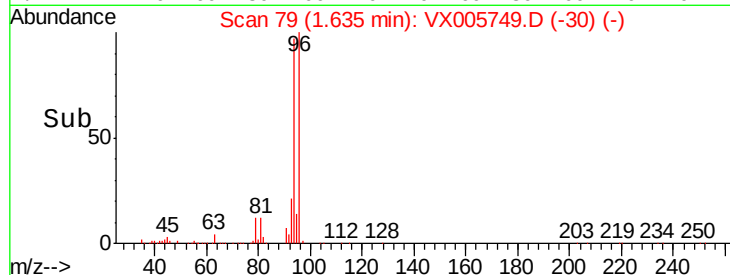
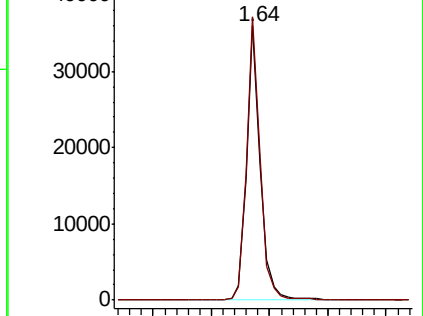
94 100

96 103.1 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.931 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005749.D

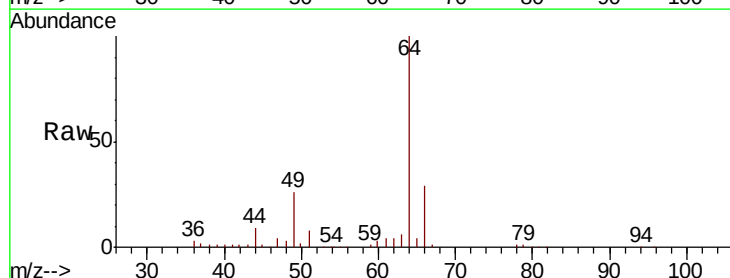
Acq: 02 Nov 2018 12:00

Tgt Ion: 64 Resp: 21665

Ion Ratio Lower Upper

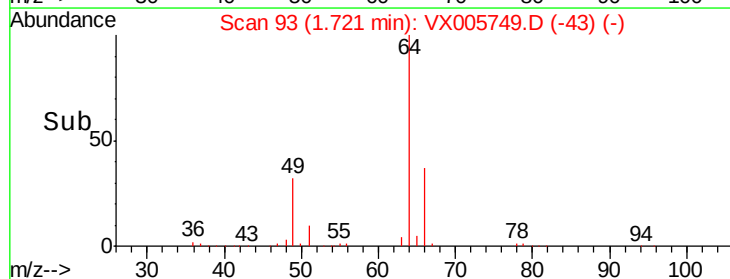
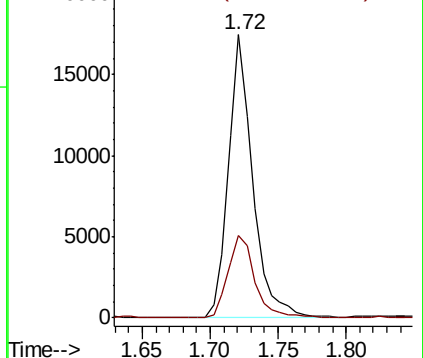
64 100

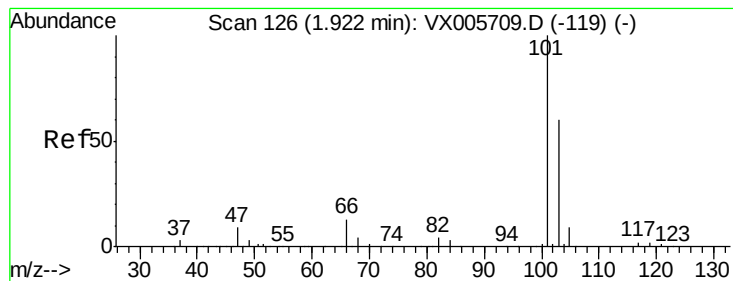
66 29.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



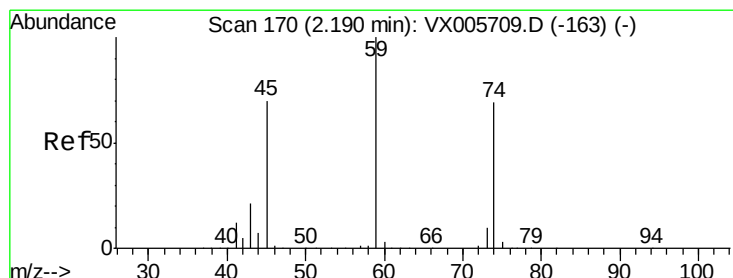
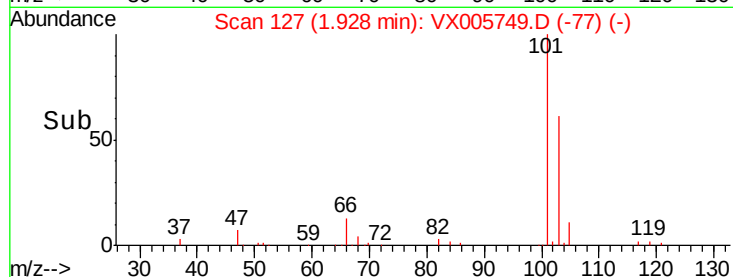
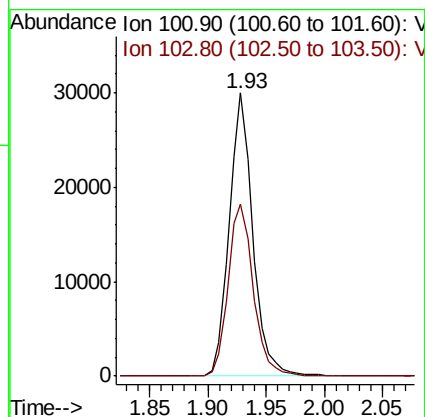
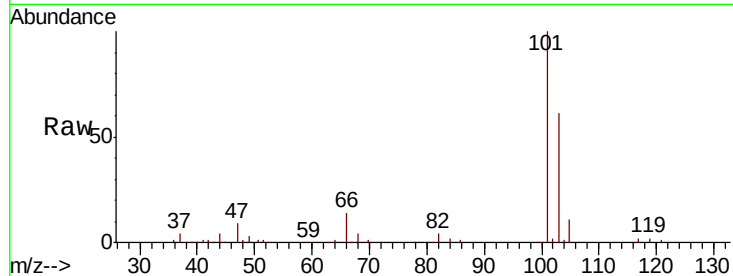


#7

Trichlorofluoromethane
 Concen: 19.557 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

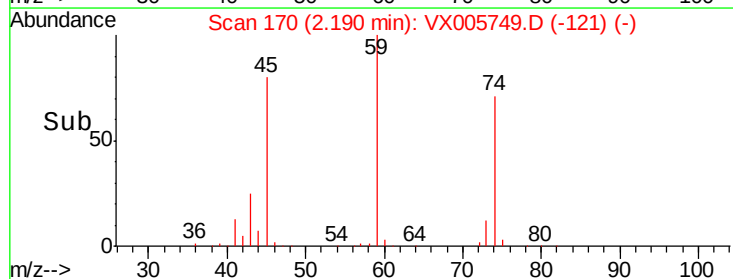
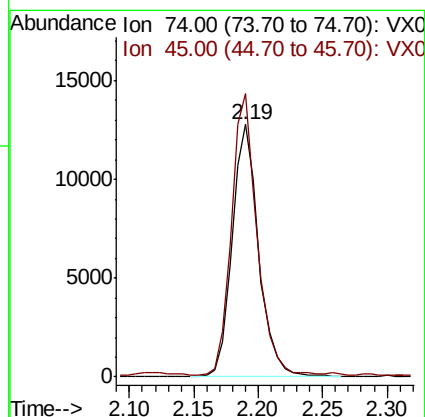
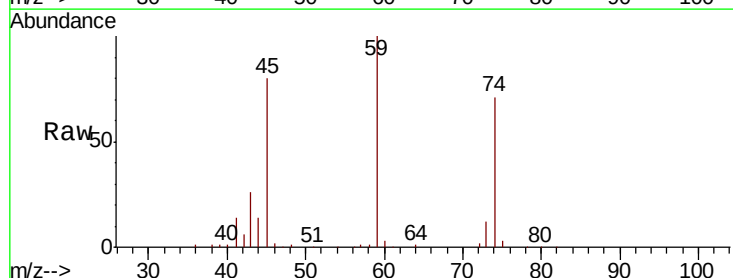
Tot Ion:101 Resp: 42241
 Ion Ratio Lower Upper
 101 100
 103 61.0 50.0 75.0

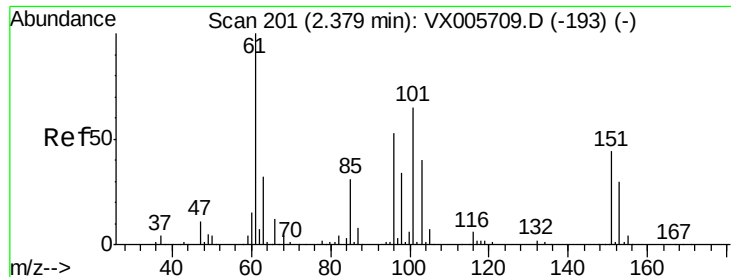


#8

Diethyl Ether
 Concen: 18.969 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion: 74 Resp: 18416
 Ion Ratio Lower Upper
 74 100
 45 107.8 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.056 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBSD01

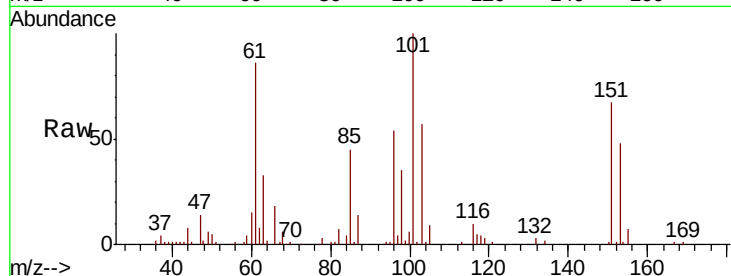
Tot Ion:101 Resp: 26313

Ion Ratio Lower Upper

101 100

85 46.5 35.0 52.4

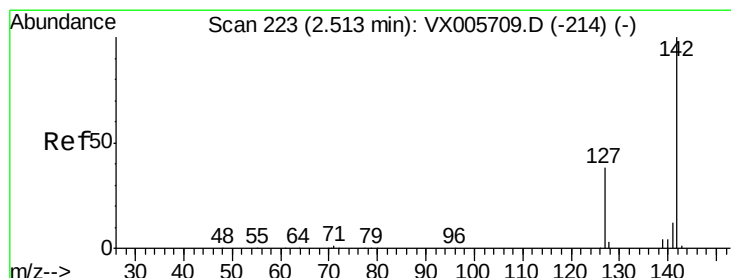
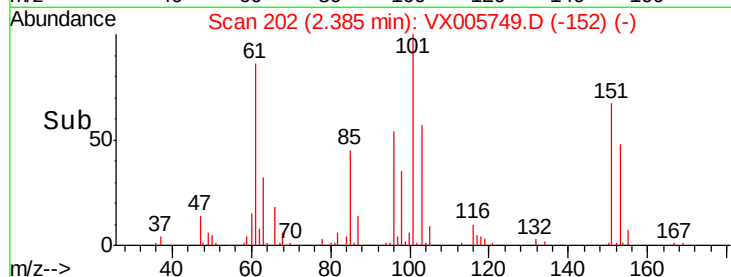
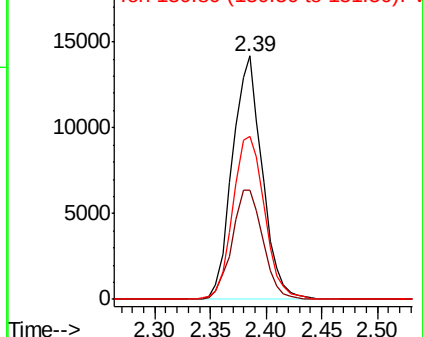
151 71.2 66.2 99.2



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: 20.230 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

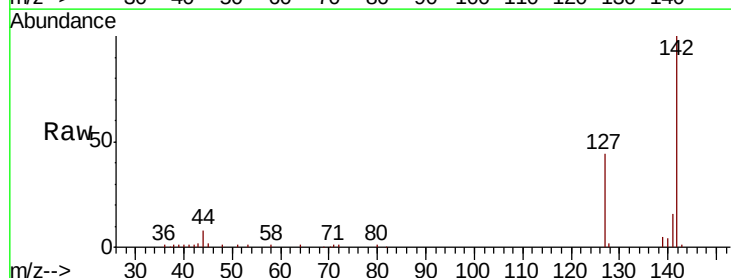
Tgt Ion:142 Resp: 24300

Ion Ratio Lower Upper

142 100

127 44.9 36.0 54.0

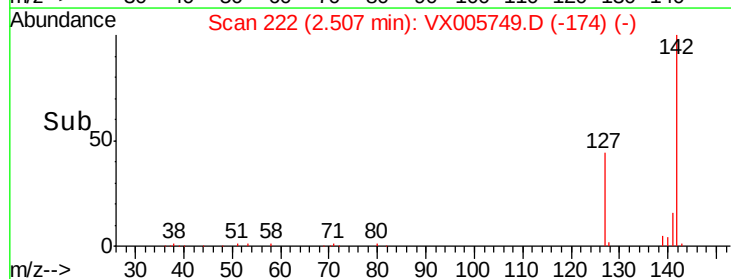
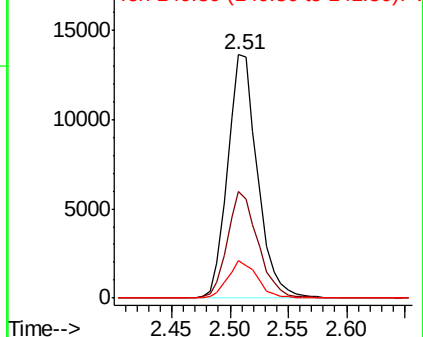
141 15.3 11.7 17.5

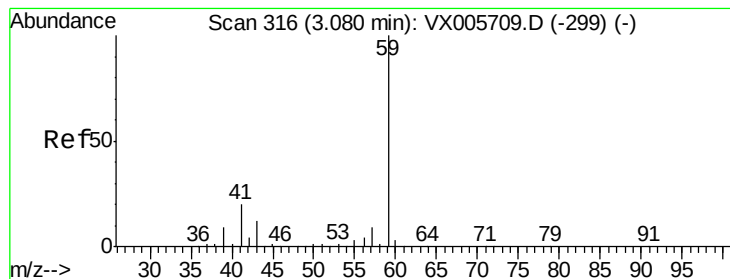


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



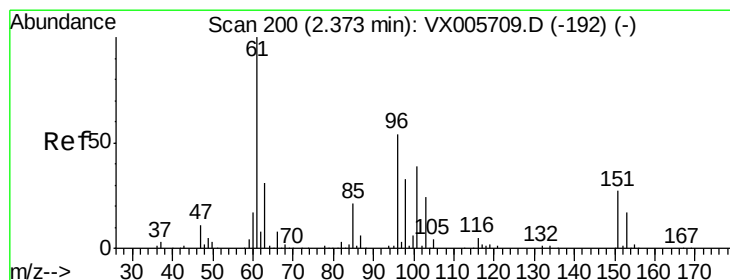
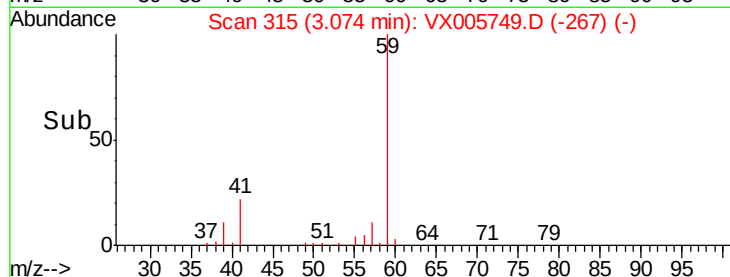
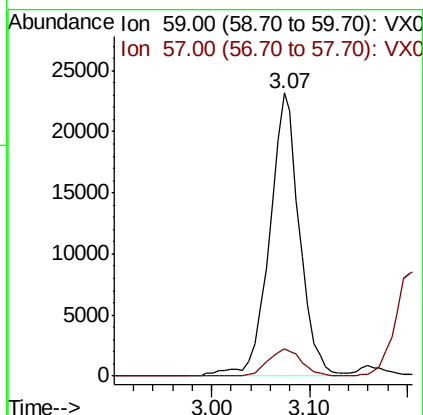
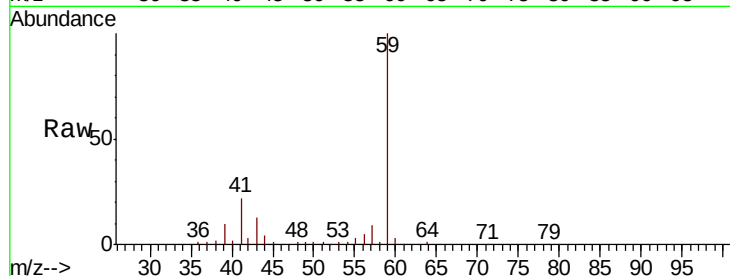


#11

Tert butyl alcohol
Concen: 105.313 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

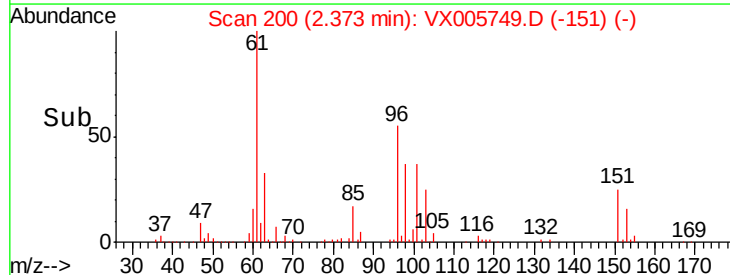
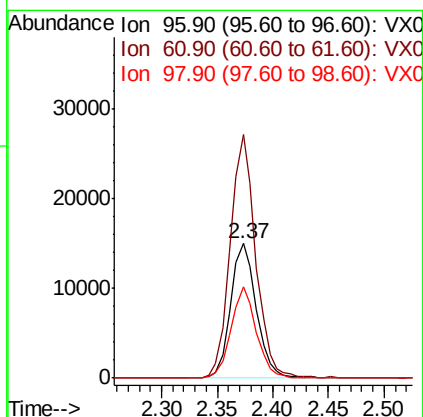
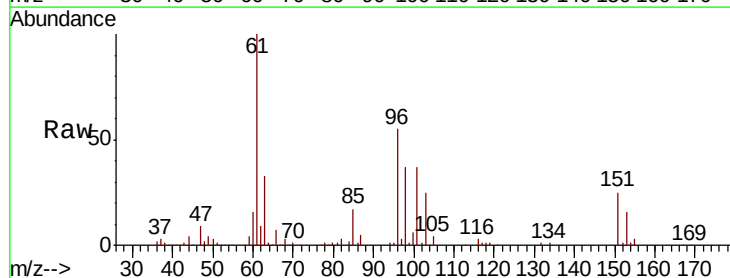
Tot Ion: 59 Resp: 49632
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

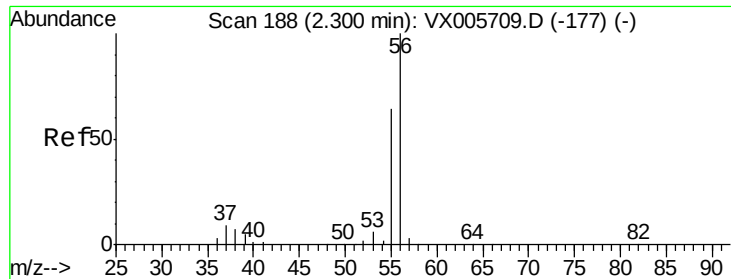


#12

1,1-Dichloroethene
Concen: 18.739 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion: 96 Resp: 23957
Ion Ratio Lower Upper
96 100
61 180.8 131.8 197.8
98 67.4 53.4 80.2

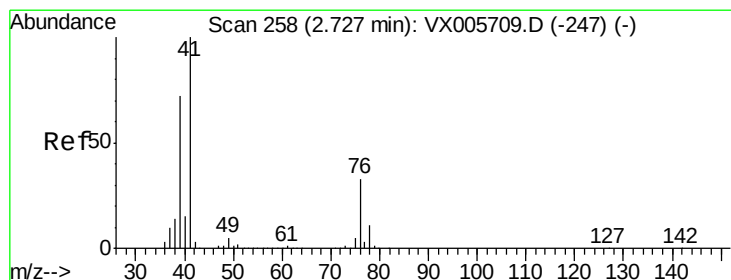
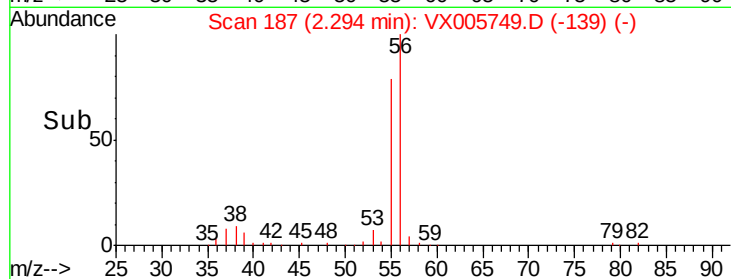
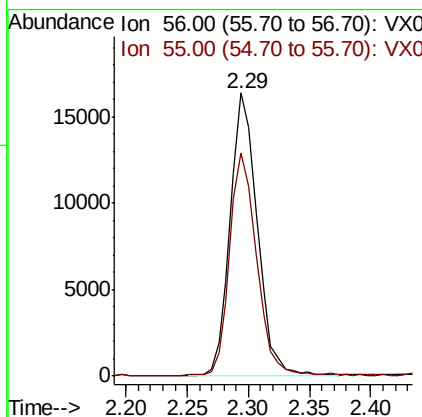
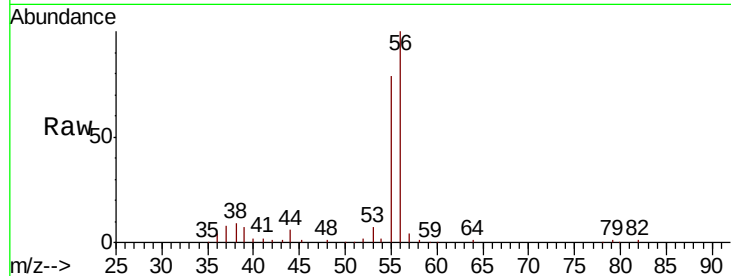




#13
Acrolein
Concen: 83.413 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

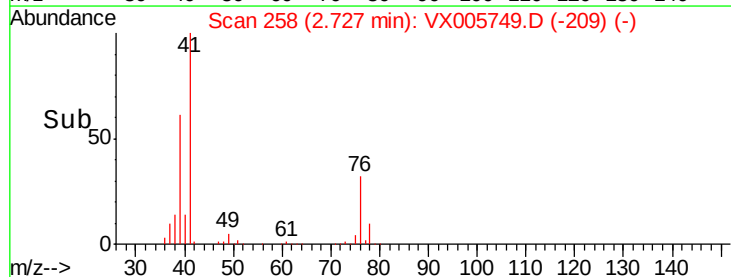
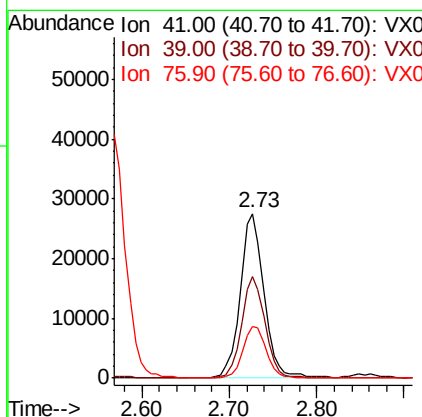
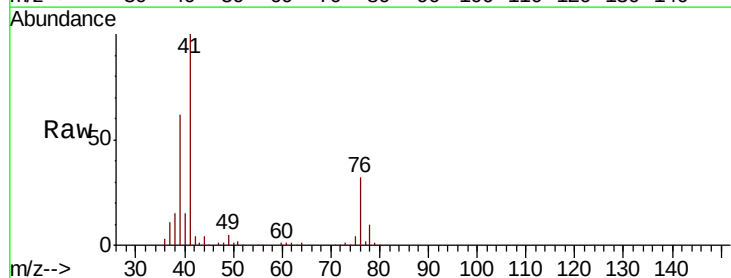
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

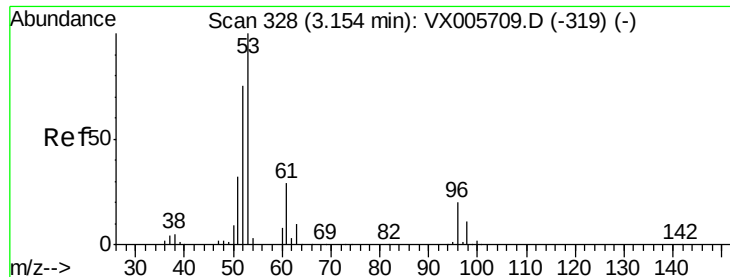
Tot Ion: 56 Resp: 25249
Ion Ratio Lower Upper
56 100
55 79.1 57.3 85.9



#14
Allyl chloride
Concen: 19.554 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion: 41 Resp: 51692
Ion Ratio Lower Upper
41 100
39 59.8 48.2 72.4
76 31.0 21.9 32.9





#15

Acrylonitrile

Concen: 102.290 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBSD01

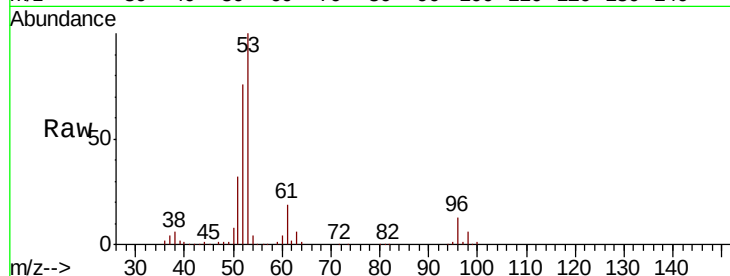
Tot Ion: 53 Resp: 106007

Ion Ratio Lower Upper

53 100

52 84.2 66.6 99.8

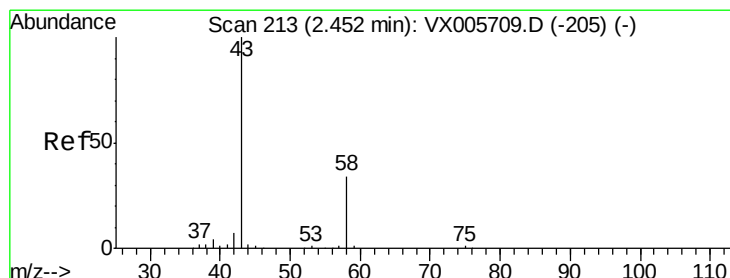
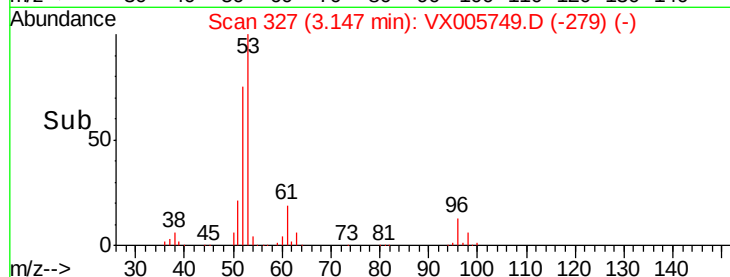
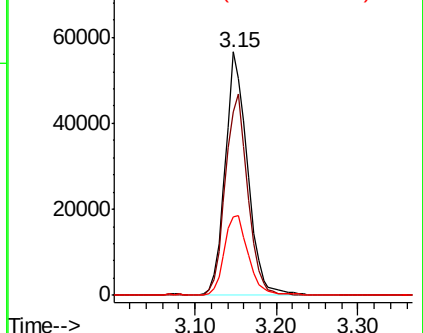
51 35.5 28.4 42.6



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: 98.541 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX005749.D

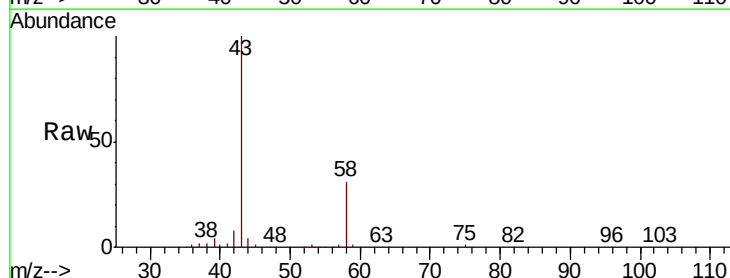
Acq: 02 Nov 2018 12:00

Tgt Ion: 43 Resp: 92967

Ion Ratio Lower Upper

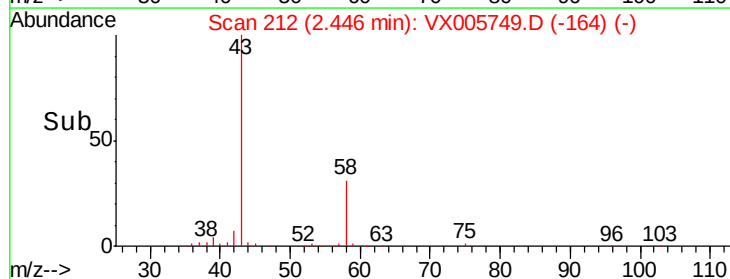
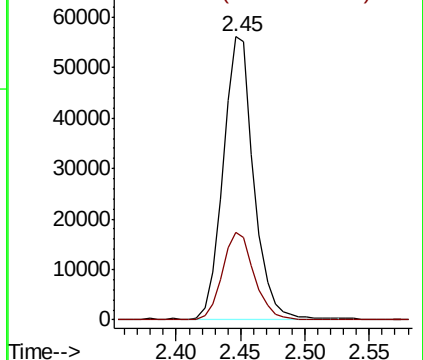
43 100

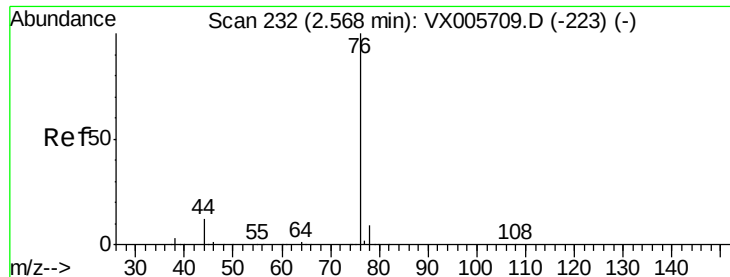
58 31.1 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

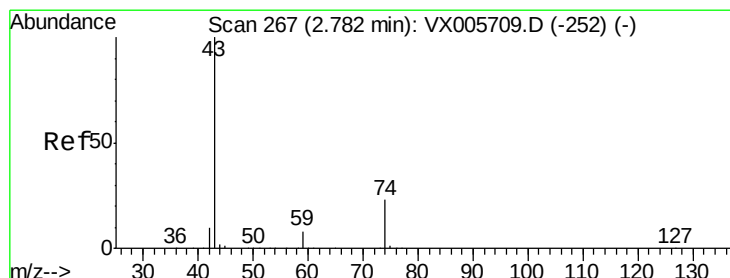
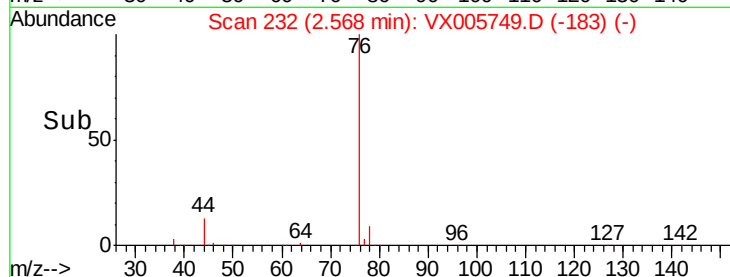
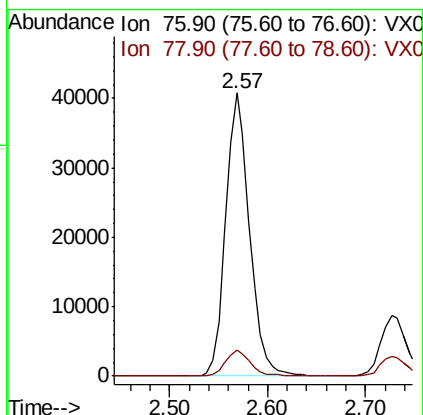
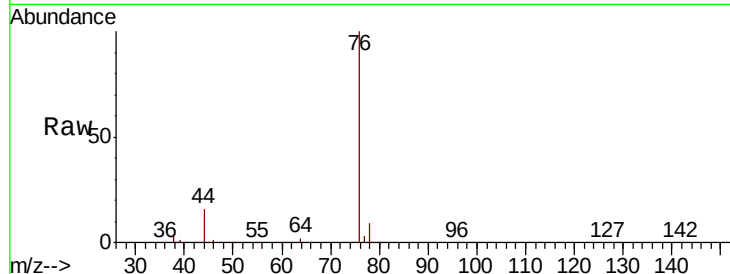




#17
Carbon Disulfide
Concen: 17.453 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

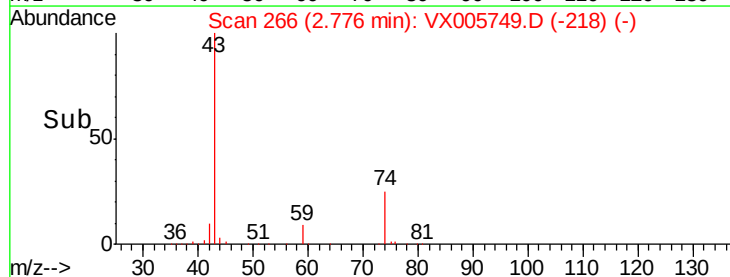
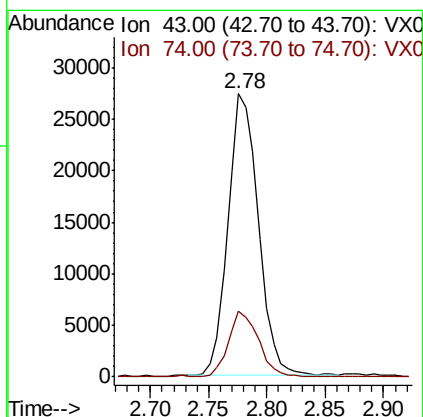
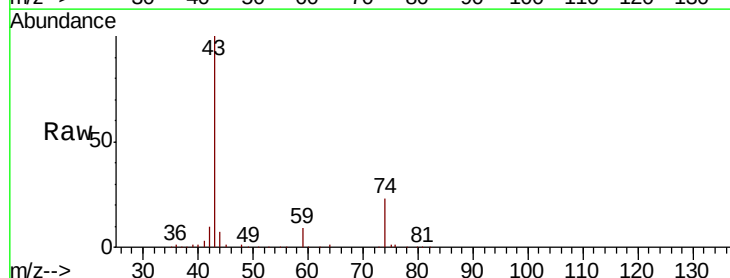
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

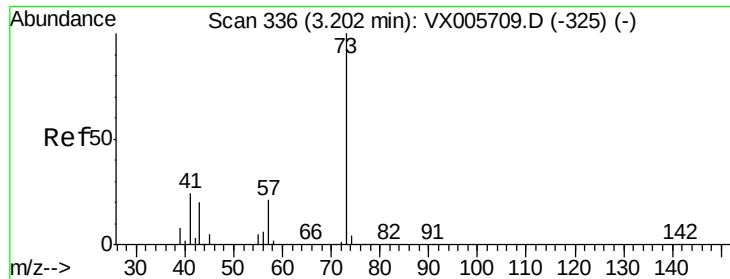
Tot Ion: 76 Resp: 68565
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 19.985 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion: 43 Resp: 49774
Ion Ratio Lower Upper
43 100
74 23.0 16.8 25.2

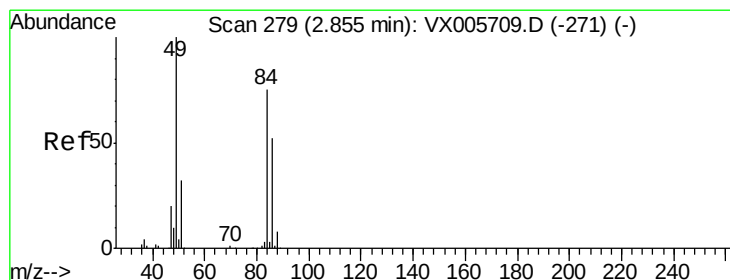
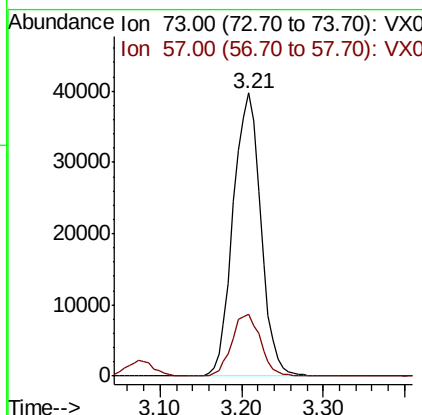
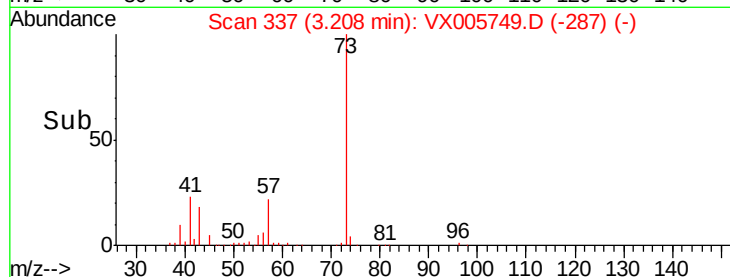
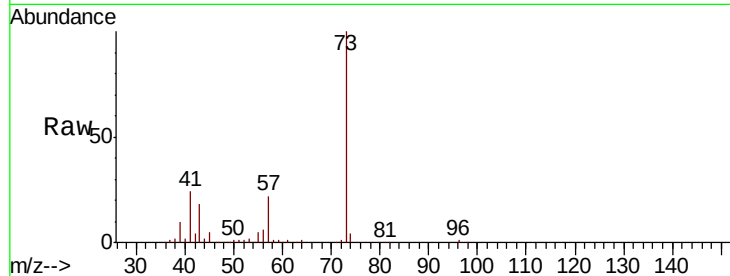




#19
Methyl tert-butyl Ether
Concen: 20.957 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

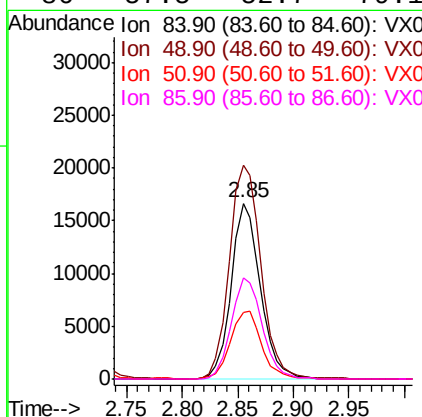
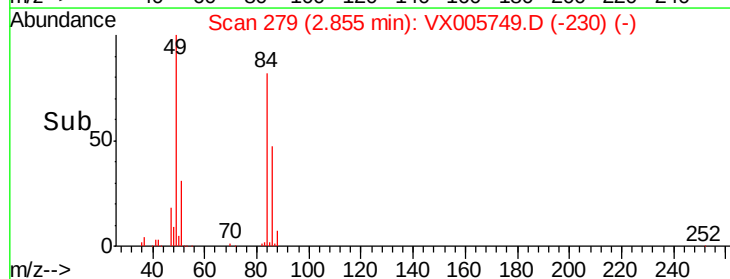
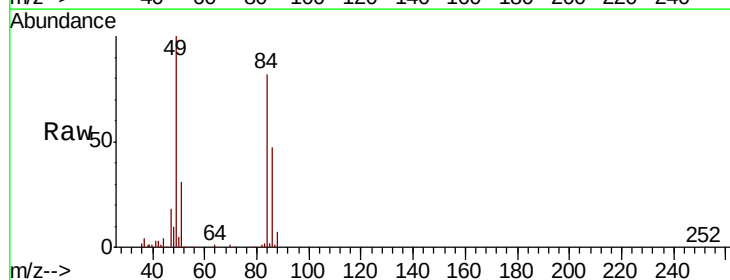
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

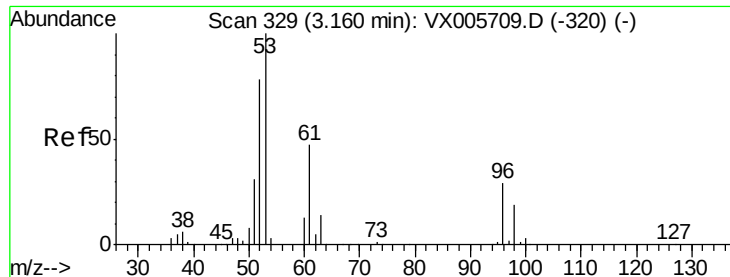
Tot Ion: 73 Resp: 92742
Ion Ratio Lower Upper
73 100
57 21.9 18.8 28.2



#20
Methylene Chloride
Concen: 20.205 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion: 84 Resp: 30236
Ion Ratio Lower Upper
84 100
49 121.3 109.5 164.3
51 38.1 33.3 49.9
86 57.5 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 19.014 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBSD01

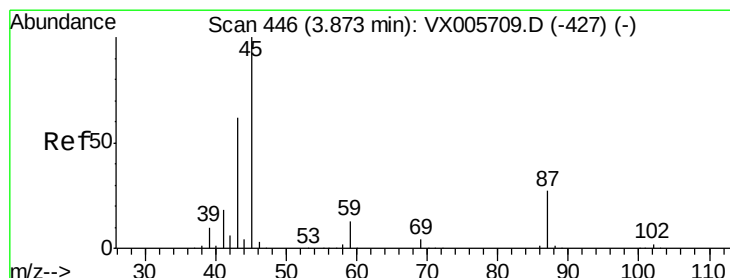
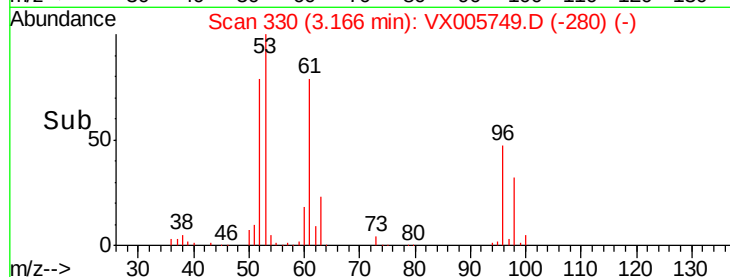
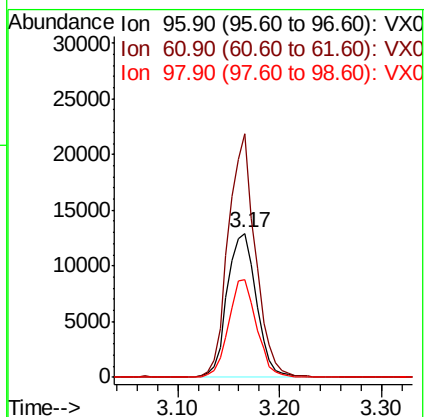
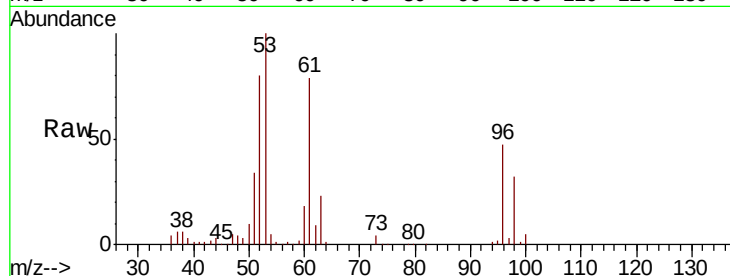
Tot Ion: 96 Resp: 25722

Ion Ratio Lower Upper

96 100

61 168.9 115.6 173.4

98 67.6 50.2 75.2



#22

Diisopropyl ether

Concen: 19.807 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Tgt Ion: 45 Resp: 97130

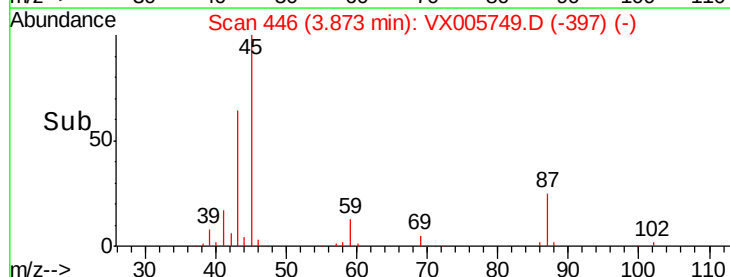
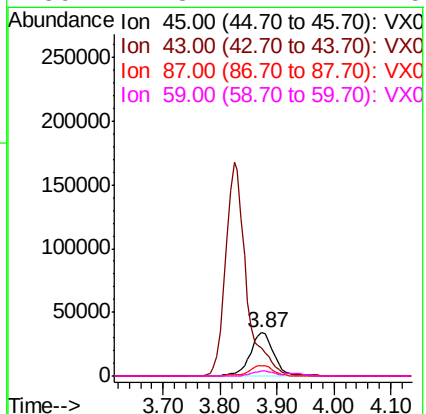
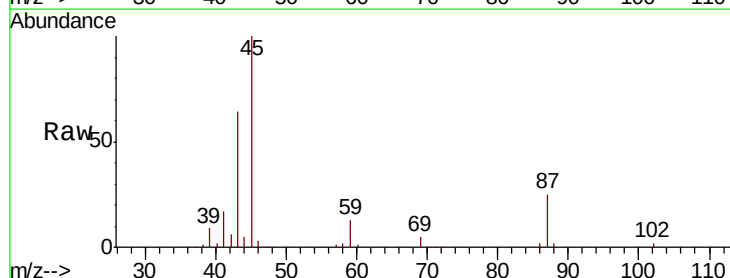
Ion Ratio Lower Upper

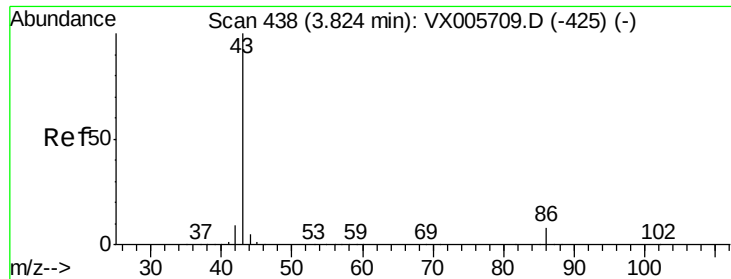
45 100

43 64.1 47.4 71.2

87 24.6 15.9 23.9#

59 12.8 7.7 11.5#





#23

Vinyl Acetate

Concen: 99.687 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

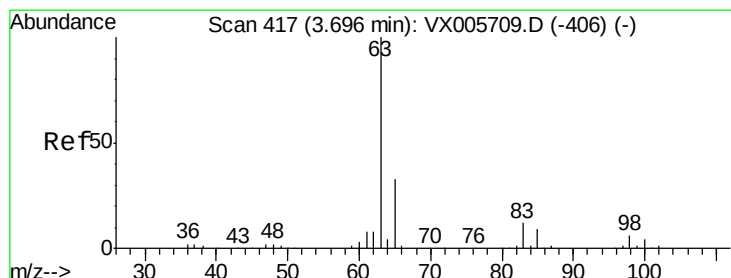
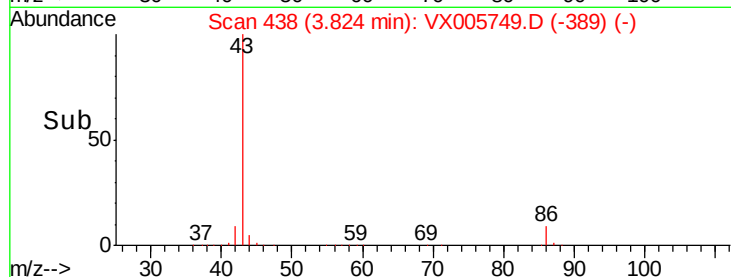
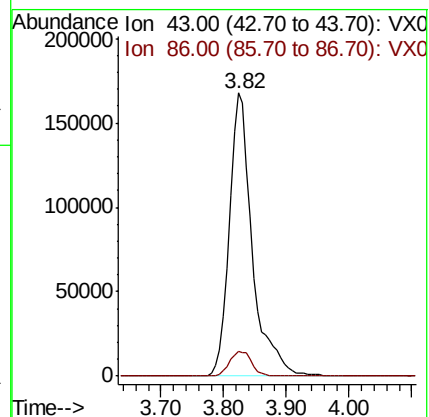
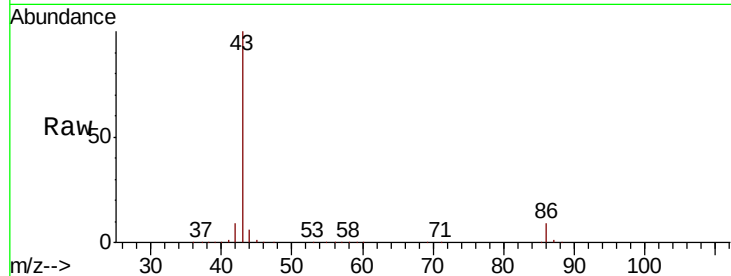
VX1102WBSD01

Tot Ion: 43 Resp: 425789

Ion Ratio Lower Upper

43 100

86 9.0 7.4 11.2



#24

1,1-Dichloroethane

Concen: 20.828 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

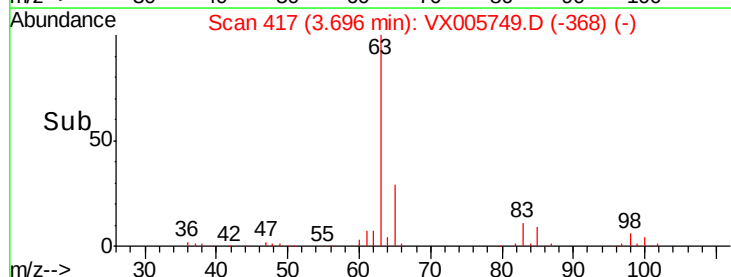
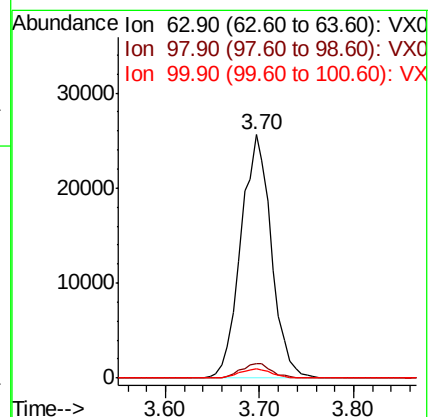
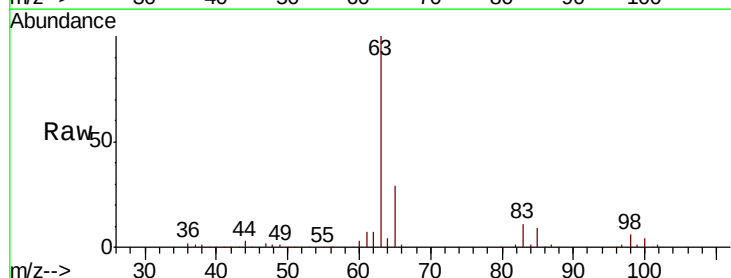
Tgt Ion: 63 Resp: 57754

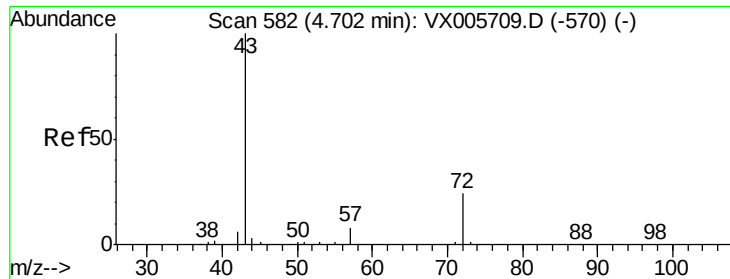
Ion Ratio Lower Upper

63 100

98 5.7 3.2 9.6

100 3.9 2.1 6.2





#25

2-Butanone

Concen: 97.682 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

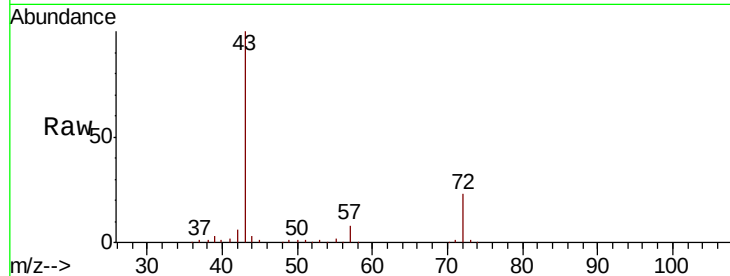
VX1102WBSD01

Tot Ion: 43 Resp: 142997

Ion Ratio Lower Upper

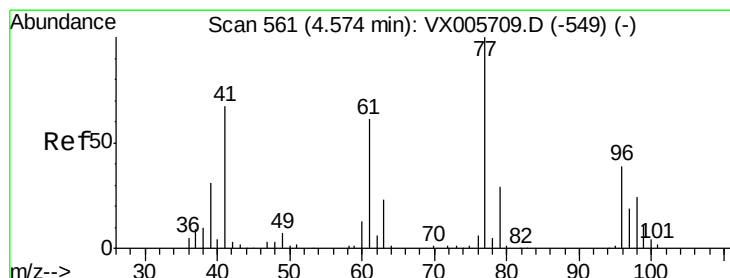
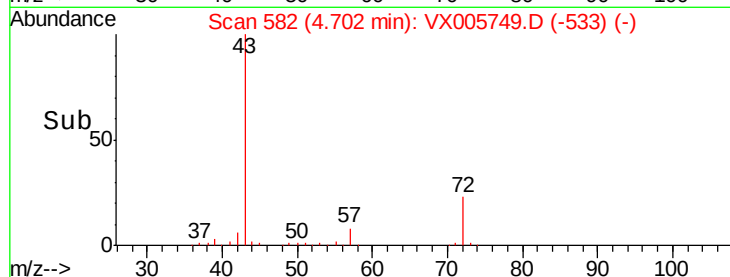
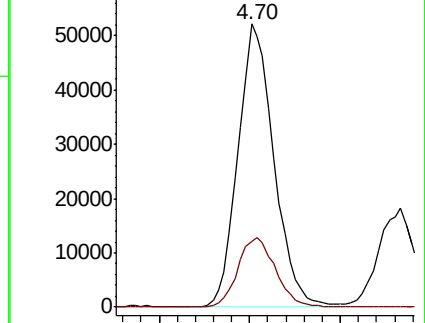
43 100

72 23.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.732 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005749.D

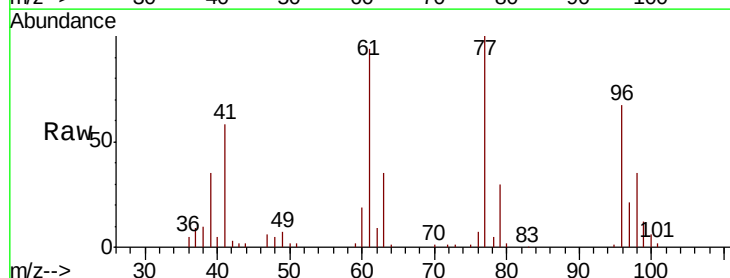
Acq: 02 Nov 2018 12:00

Tgt Ion: 77 Resp: 38828

Ion Ratio Lower Upper

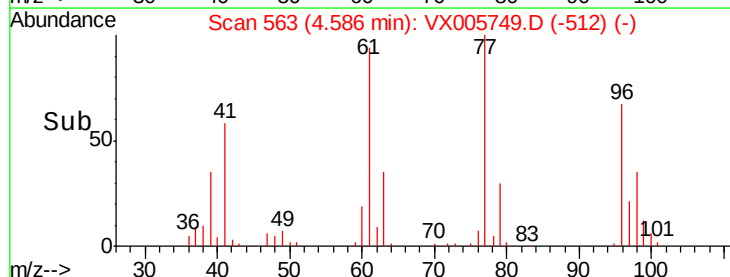
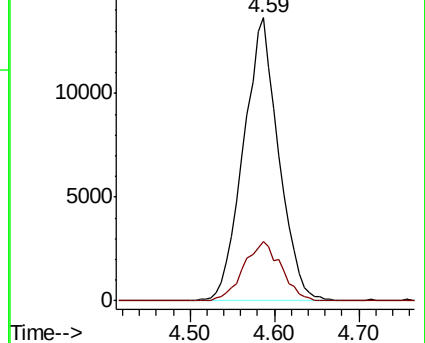
77 100

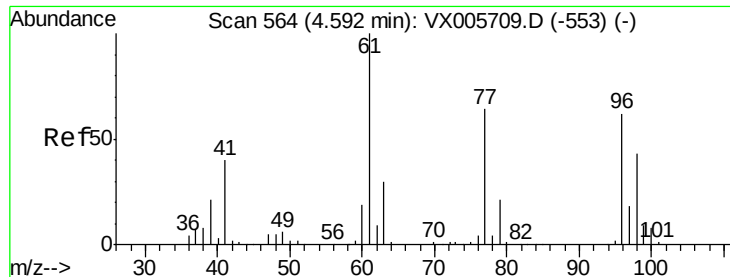
97 22.4 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



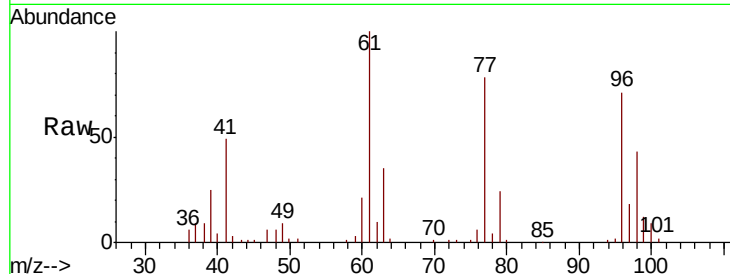


#27

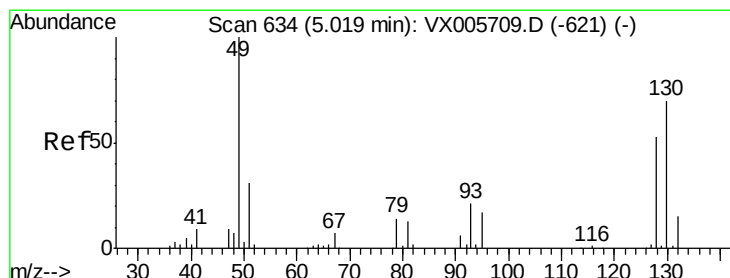
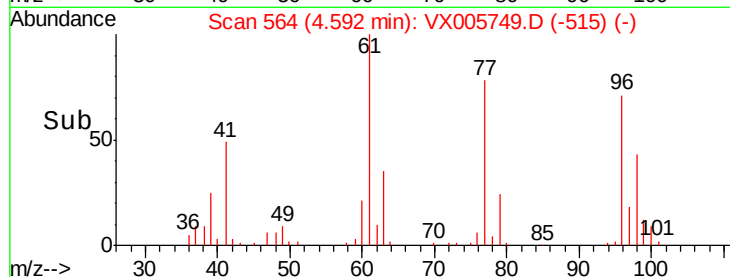
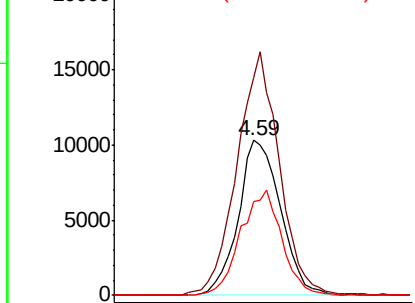
cis-1,2-Dichloroethene
 Concen: 18.907 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

Tot Ion: 96 Resp: 28740
 Ion Ratio Lower Upper
 96 100
 61 157.0 0.0 304.6
 98 66.0 0.0 127.4



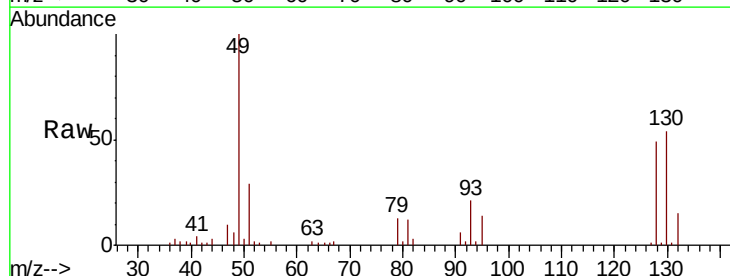
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



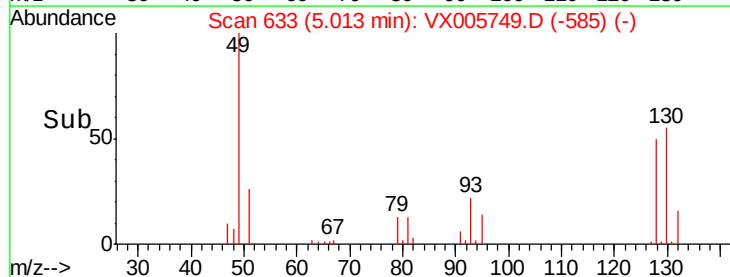
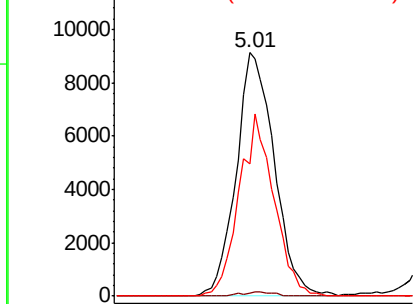
#28

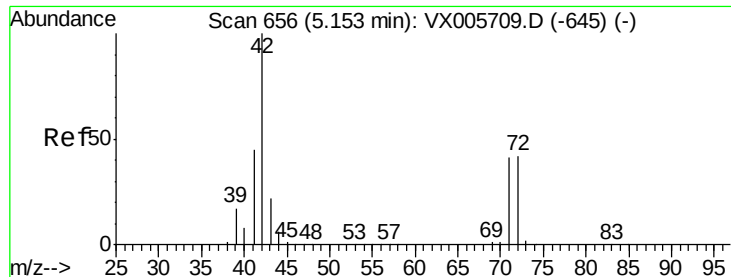
Bromochloromethane
 Concen: 19.633 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion: 49 Resp: 26559
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.0
 130 68.2 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

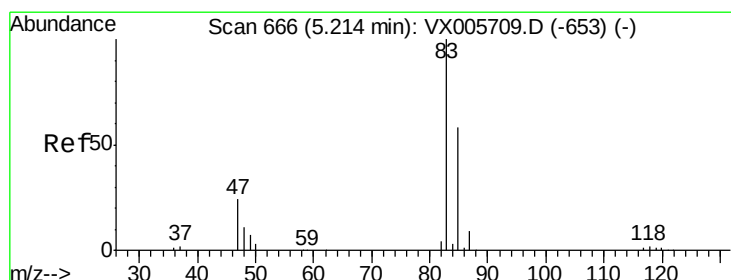
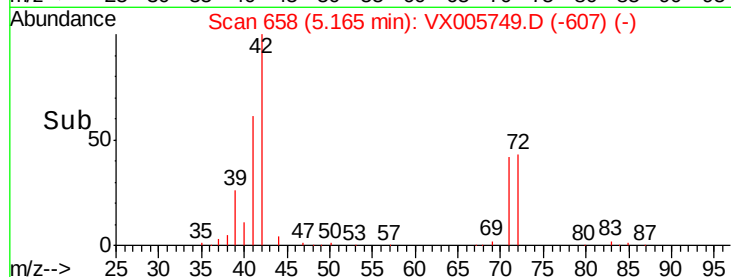
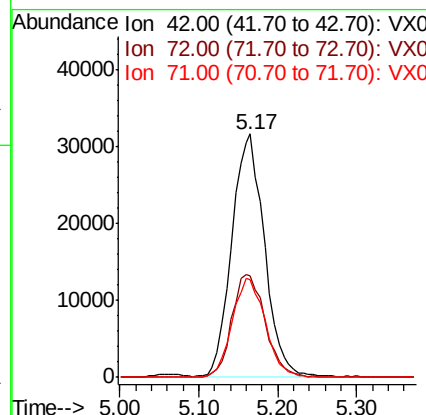
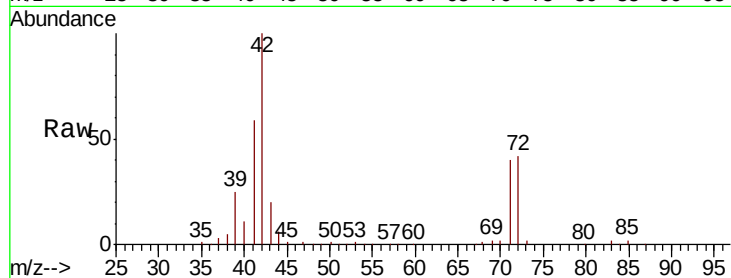




#29
Tetrahydrofuran
Concen: 101.621 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

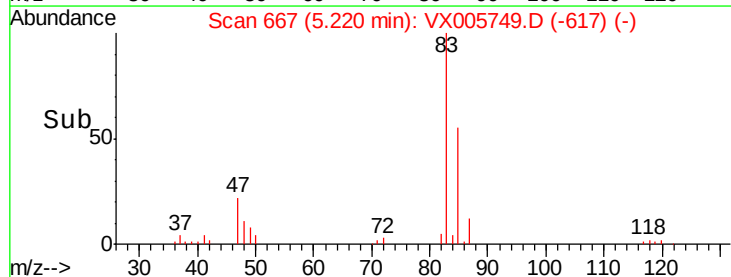
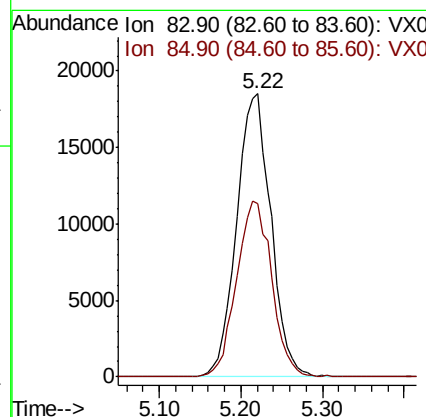
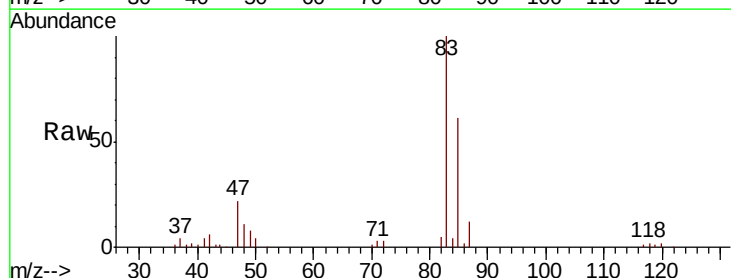
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

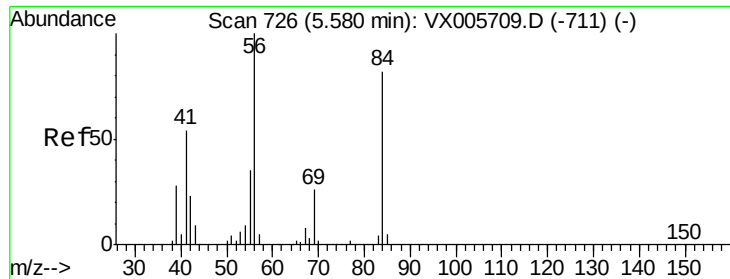
Tot Ion: 42 Resp: 90799
Ion Ratio Lower Upper
42 100
72 43.5 32.0 48.0
71 41.6 29.8 44.8



#30
Chloroform
Concen: 19.854 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion: 83 Resp: 53824
Ion Ratio Lower Upper
83 100
85 61.1 50.6 76.0

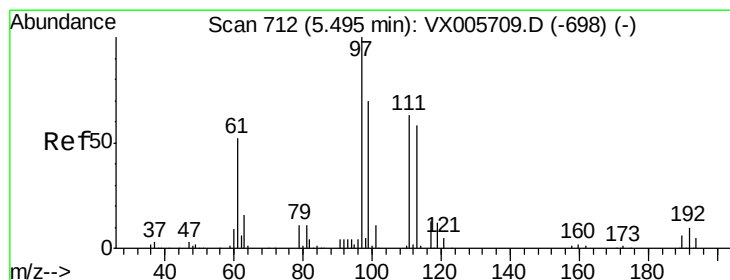
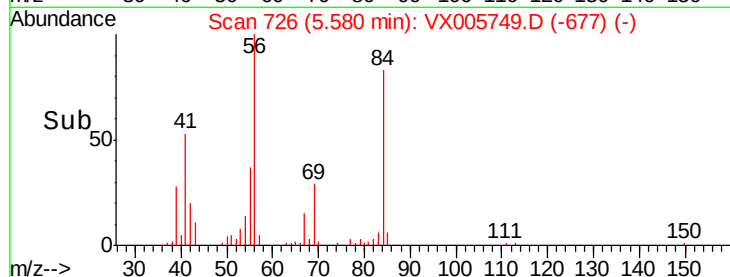
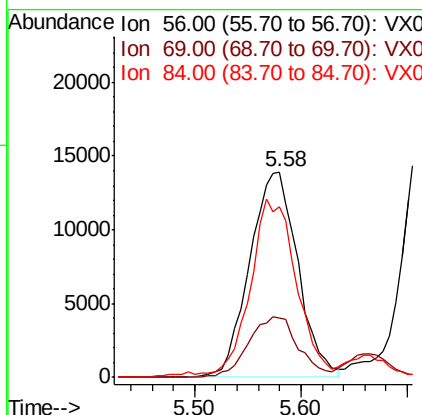
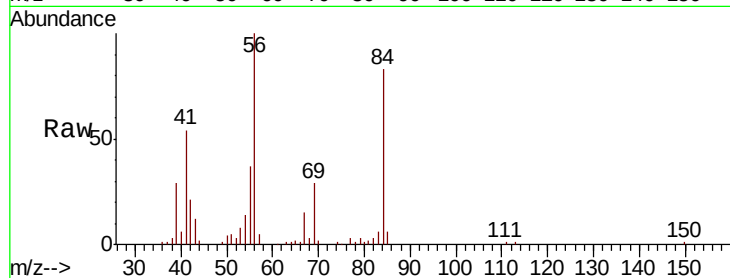




#31
Cyclohexane
Concen: 18.958 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

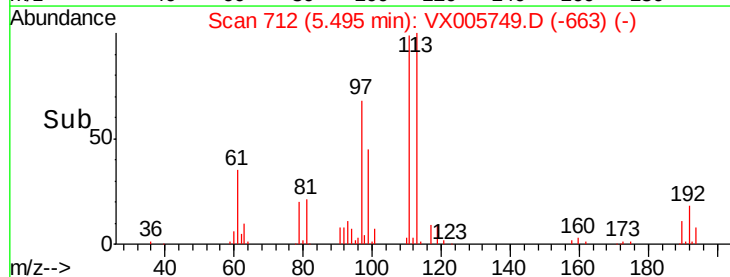
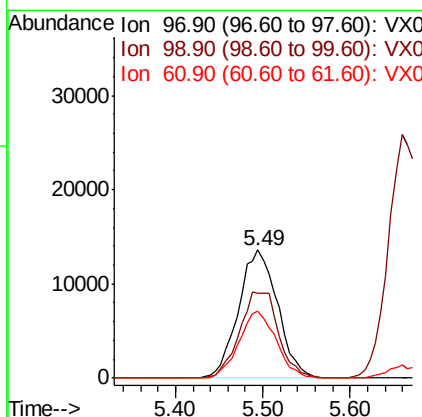
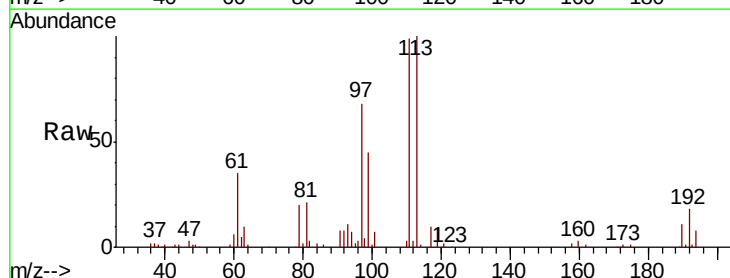
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

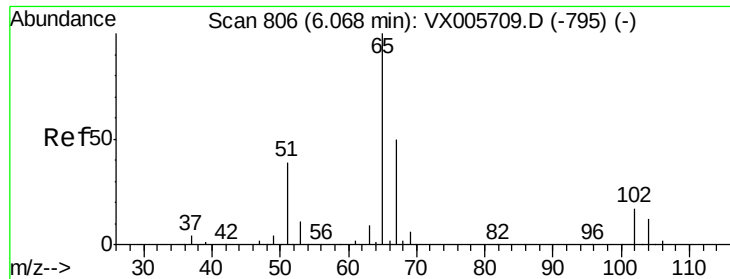
Tot Ion	Ratio	Lower	Upper
56	100		
69	28.8	22.6	34.0
84	80.6	62.7	94.1



#32
1,1,1-Trichloroethane
Concen: 19.422 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.2	52.3	78.5
61	49.8	35.2	52.8

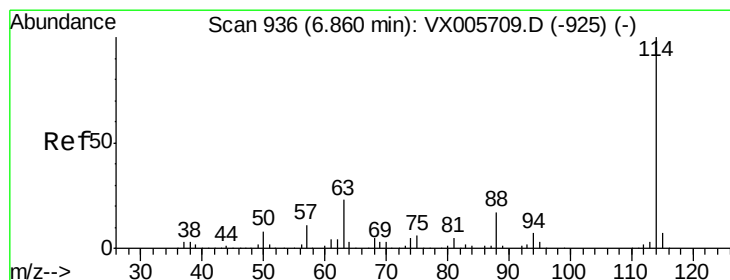
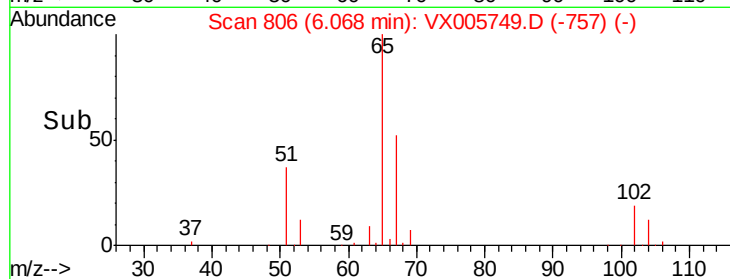
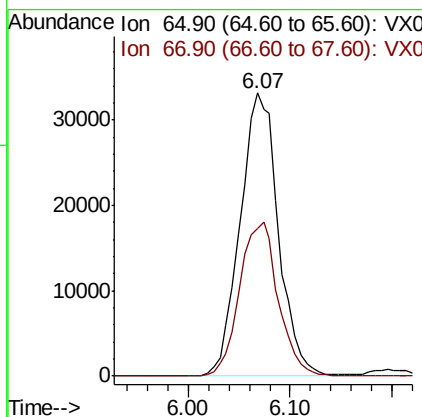
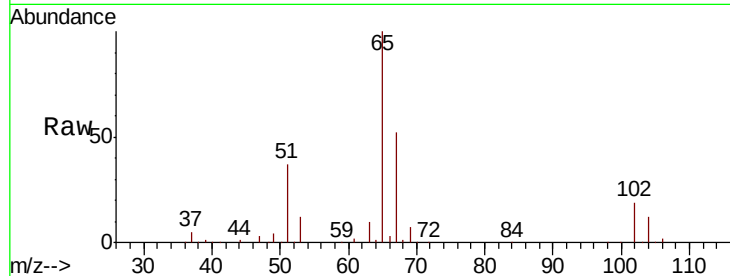




#33
 1,2-Dichloroethane-d4
 Concen: 49.891 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

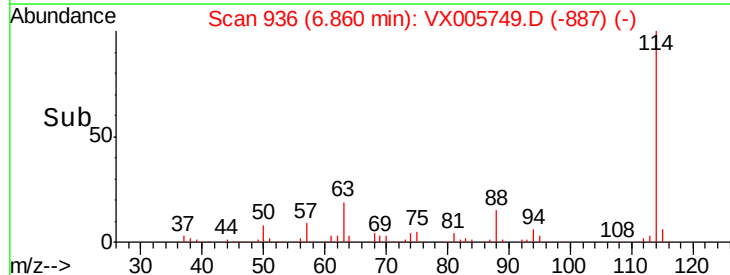
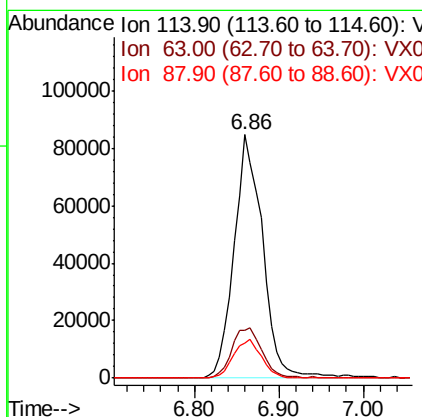
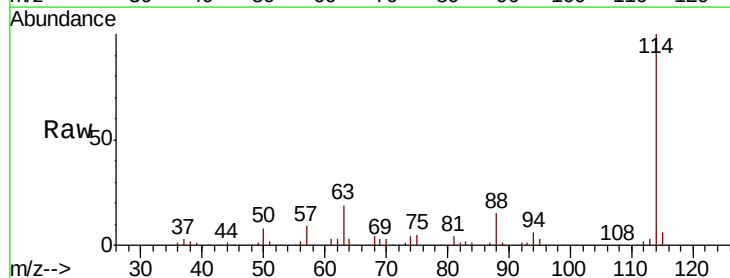
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

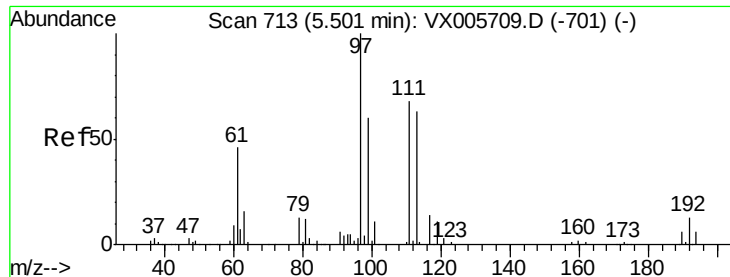
Tot Ion: 65 Resp: 86580
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion: 114 Resp: 193771
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.8
 88 14.6 0.0 31.2

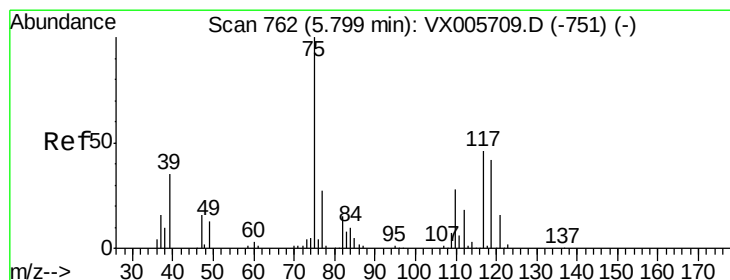
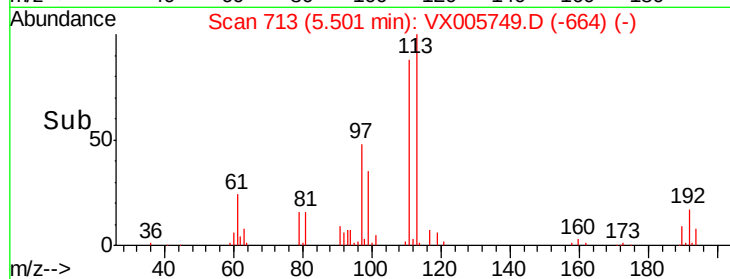
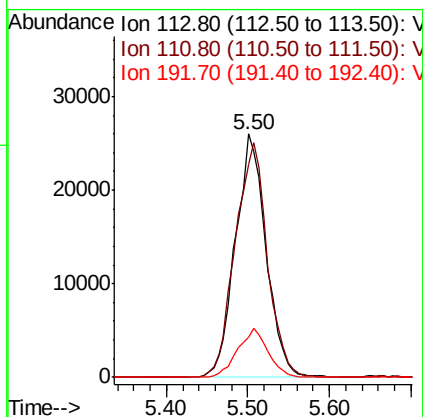
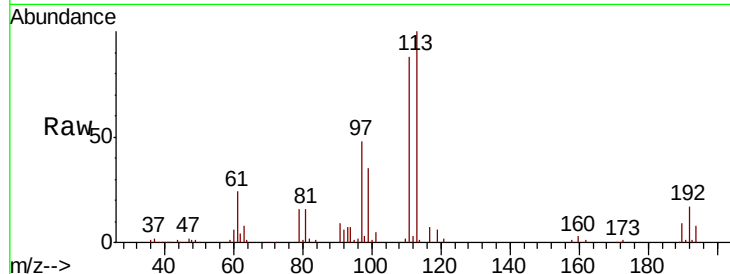




#35
 Dibromofluoromethane
 Concen: 50.337 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

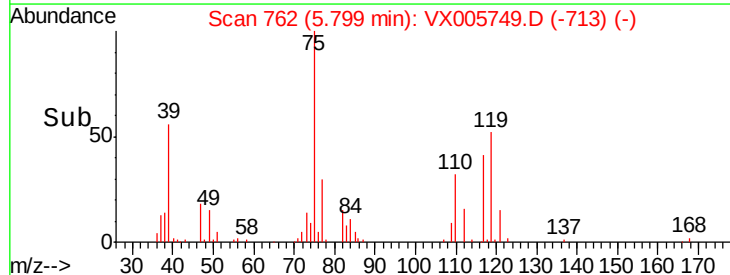
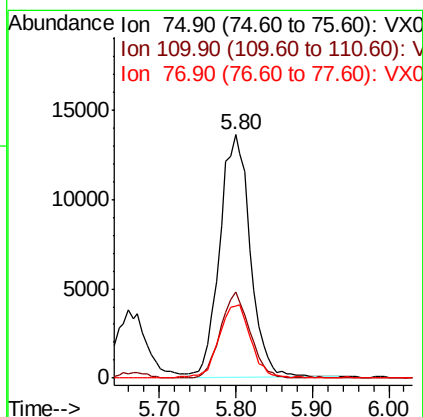
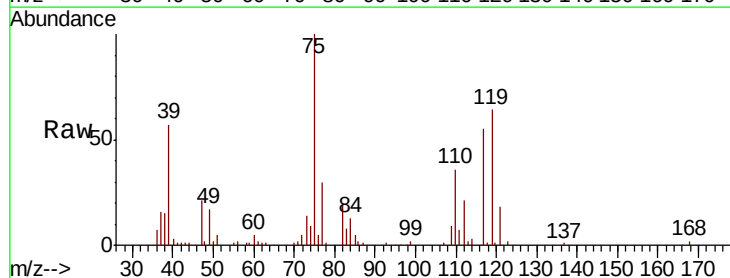
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

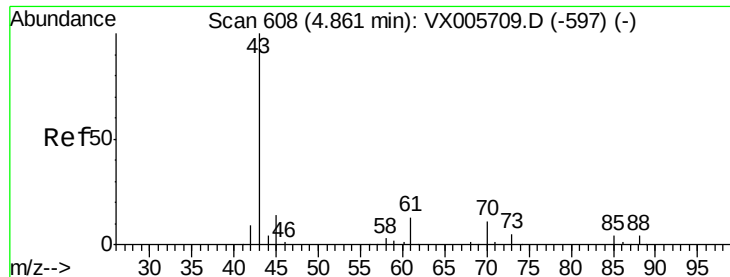
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.3	123.5
192	19.8	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 18.104 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.4	52.2
77	31.7	25.8	38.6

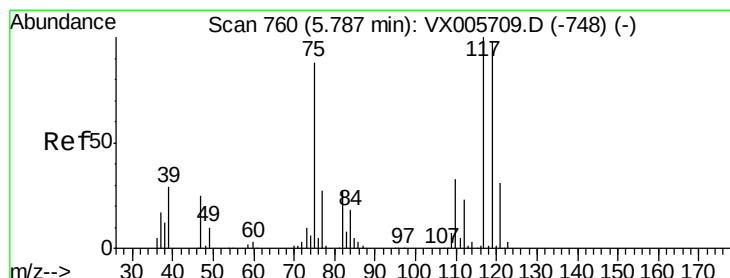
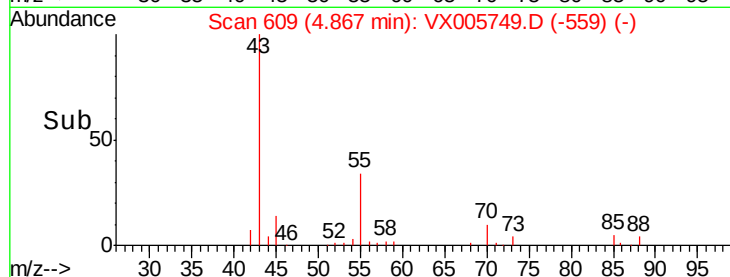
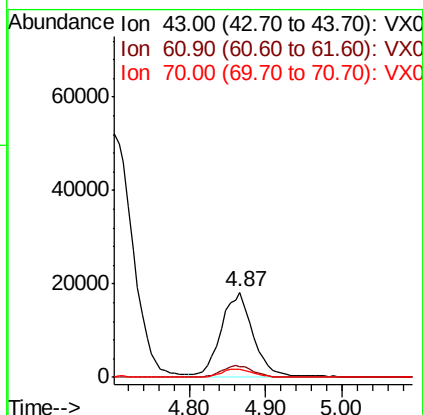
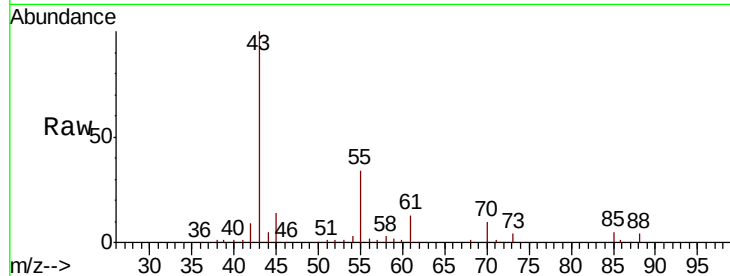




#37
Ethyl Acetate
Concen: 19.800 ug/l
RT: 4.87 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

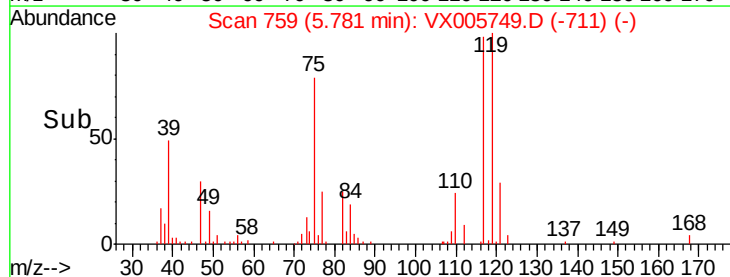
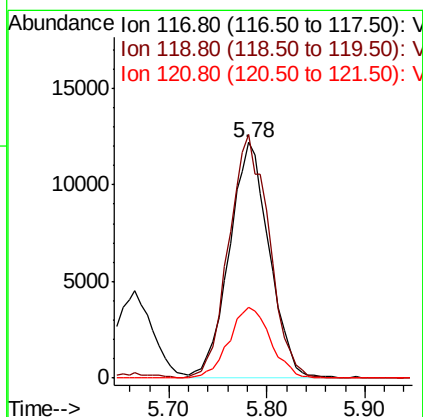
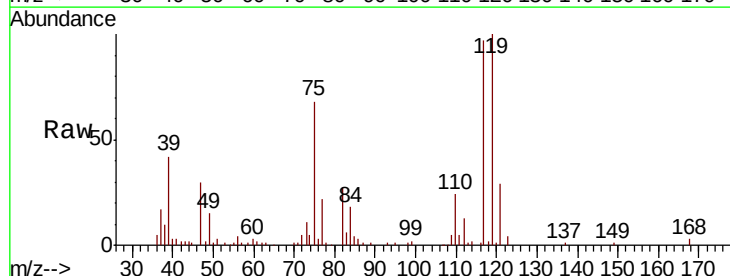
Instrument :
MSVOA_X
ClientSampled :
VX1102WBSD01

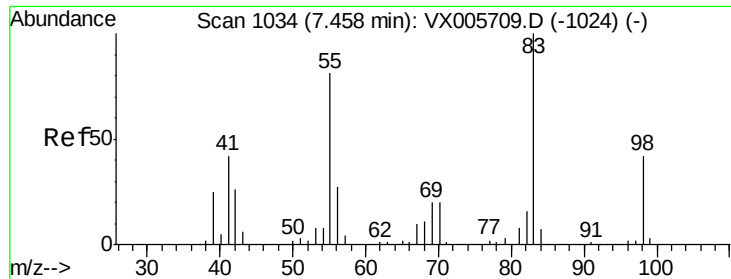
Tot Ion: 43 Resp: 52150
Ion Ratio Lower Upper
43 100
61 13.9 10.8 16.2
70 10.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 18.563 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion: 117 Resp: 34623
Ion Ratio Lower Upper
117 100
119 103.3 78.1 117.1
121 30.1 24.6 36.8

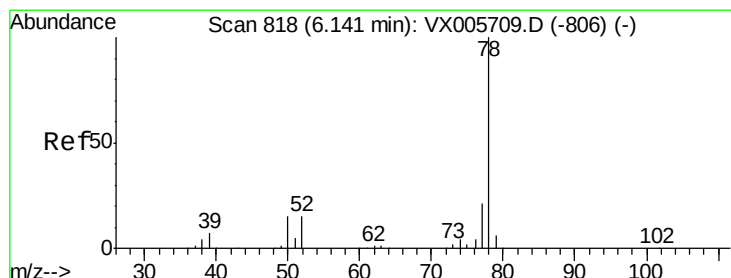
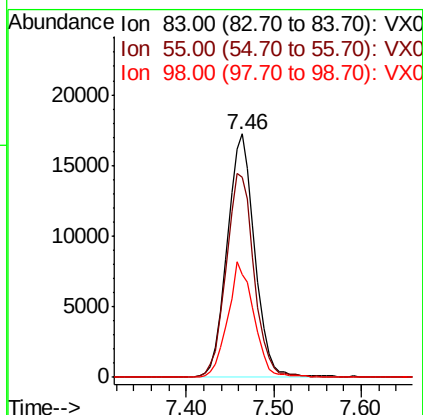
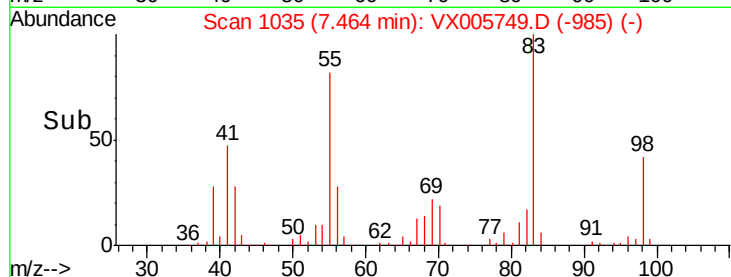
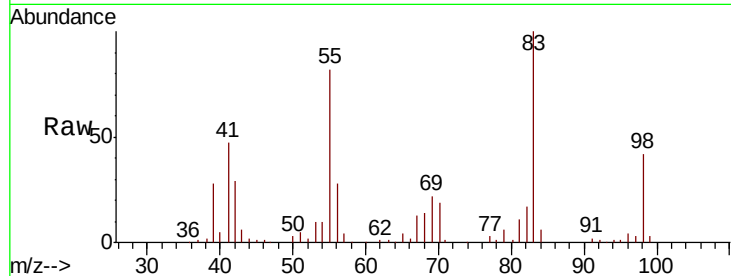




#39
Methylvlcyclohexane
Concen: 17.501 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

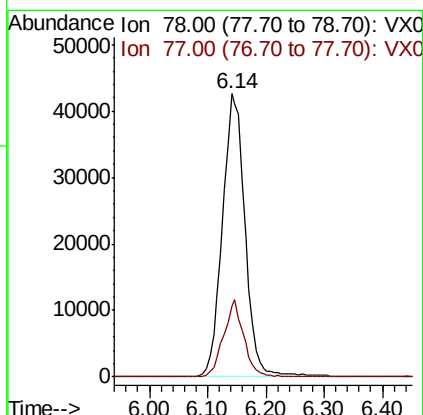
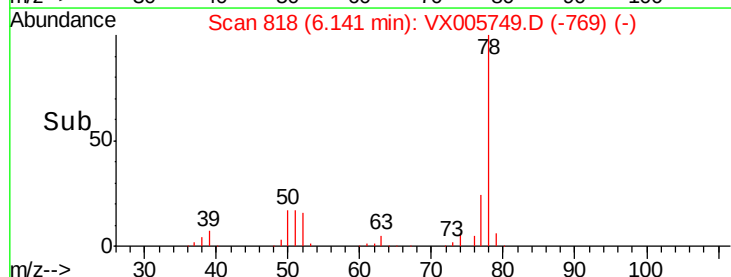
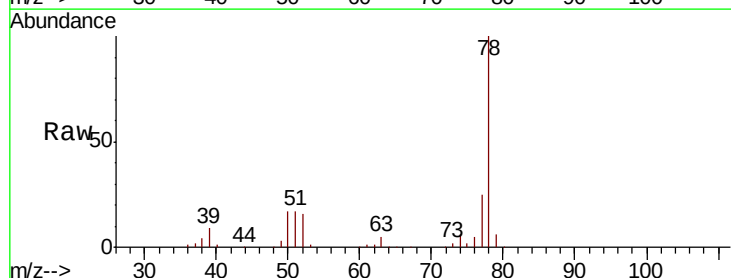
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

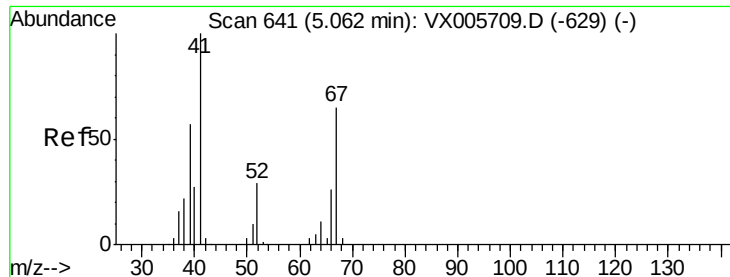
Tot Ion: 83 Resp: 37680
Ion Ratio Lower Upper
83 100
55 82.1 63.7 95.5
98 42.5 36.2 54.2



#40
Benzene
Concen: 18.747 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion: 78 Resp: 115139
Ion Ratio Lower Upper
78 100
77 24.8 18.4 27.6

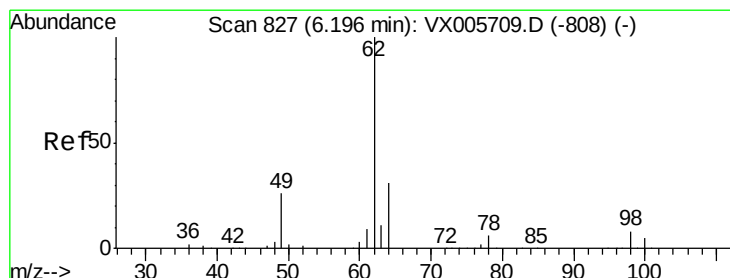
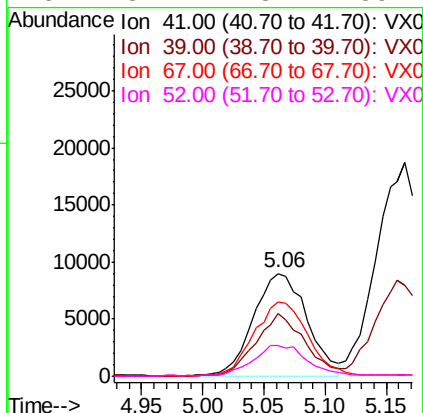
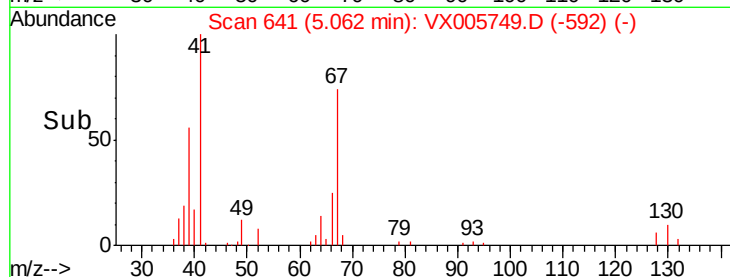
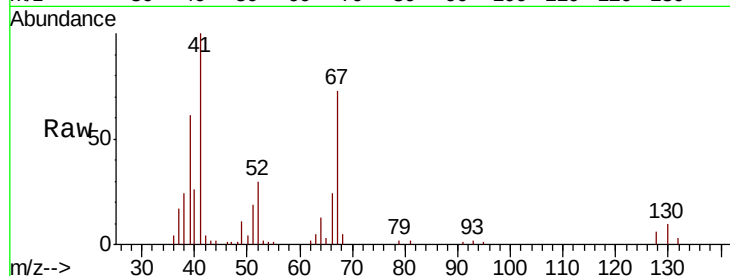




#41
Methacrylonitrile
Concen: 19.263 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

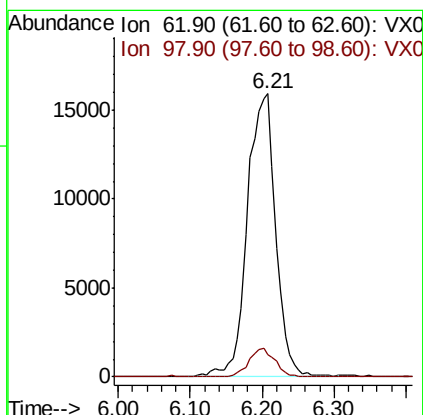
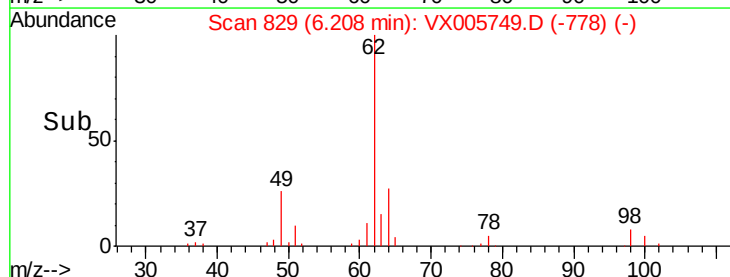
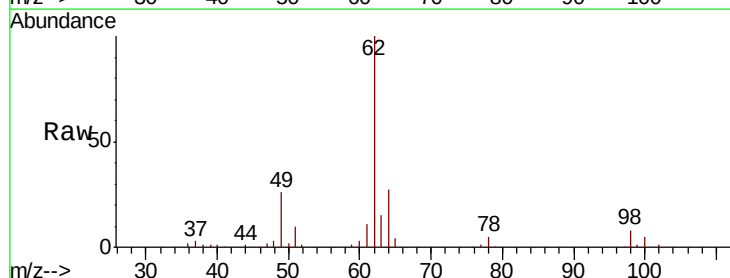
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

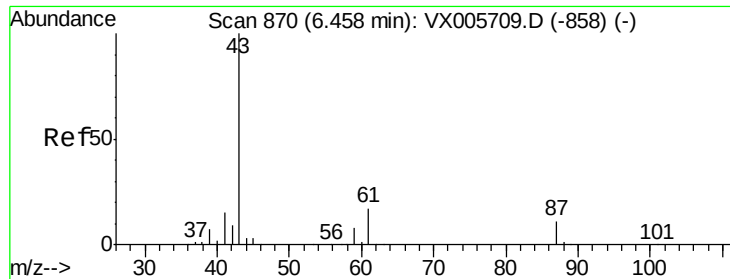
Tot Ion: 41 Resp: 27413
Ion Ratio Lower Upper
41 100
39 56.8 42.2 63.2
67 74.1 53.4 80.0
52 31.1 23.4 35.2



#42
1,2-Dichloroethane
Concen: 19.230 ug/l
RT: 6.21 min Scan# 829
Delta R.T. 0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion: 62 Resp: 43656
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.8





#43

Isopropyl Acetate

Concen: 18.549 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBSD01

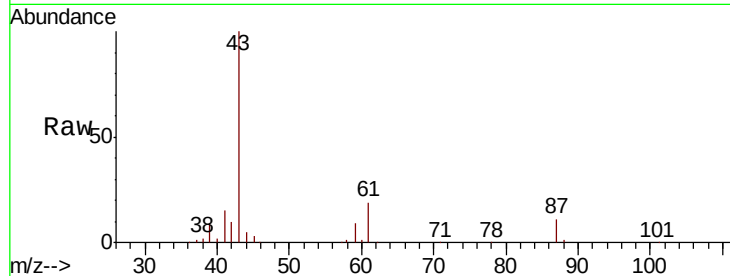
Tot Ion: 43 Resp: 70910

Ion Ratio Lower Upper

43 100

61 19.2 14.6 22.0

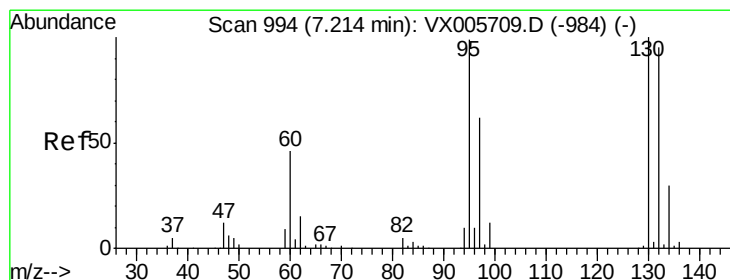
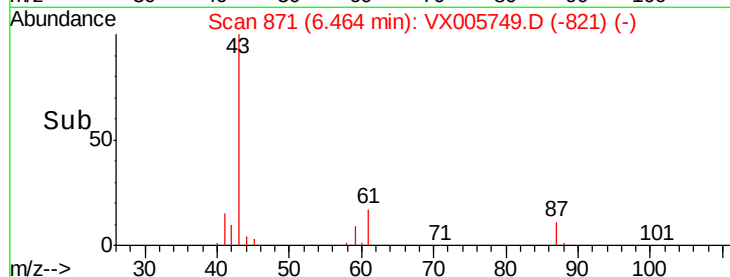
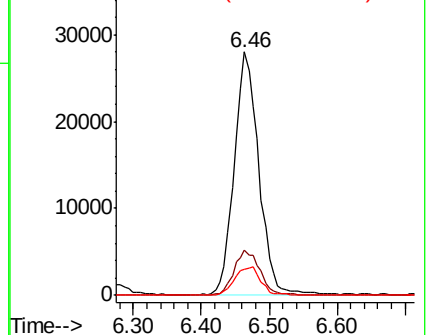
87 12.2 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.577 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005749.D

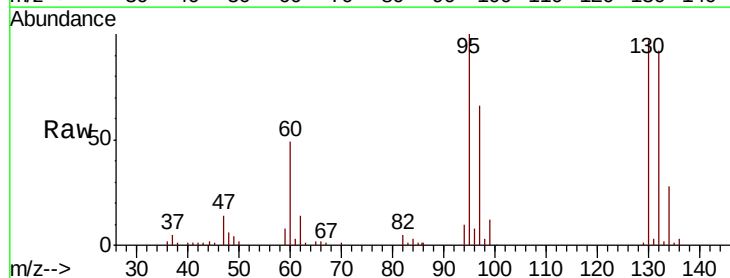
Acq: 02 Nov 2018 12:00

Tgt Ion:130 Resp: 26388

Ion Ratio Lower Upper

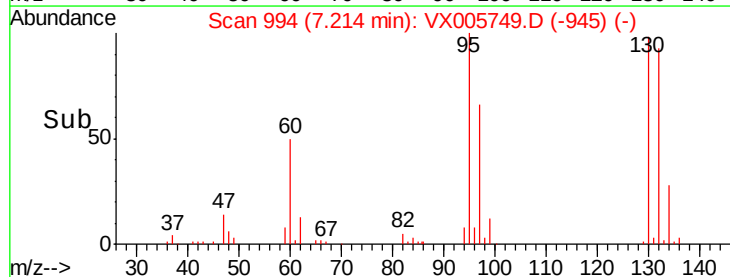
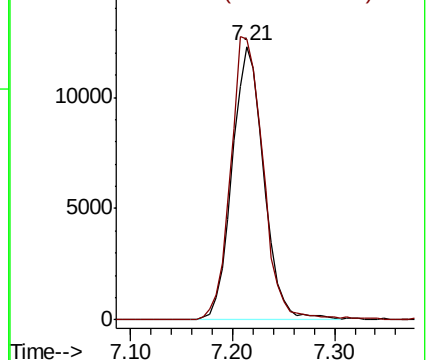
130 100

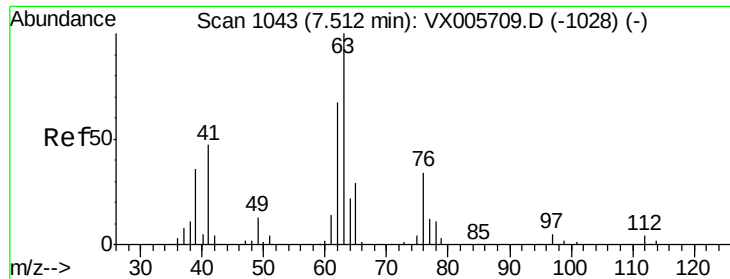
95 102.6 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

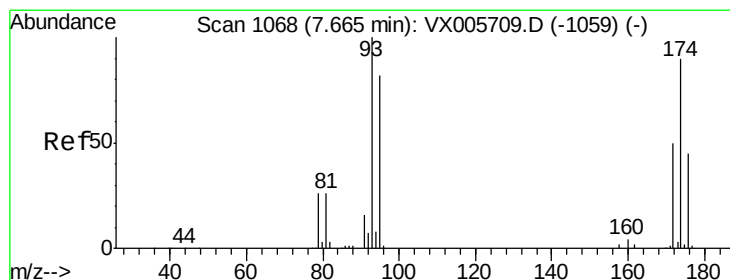
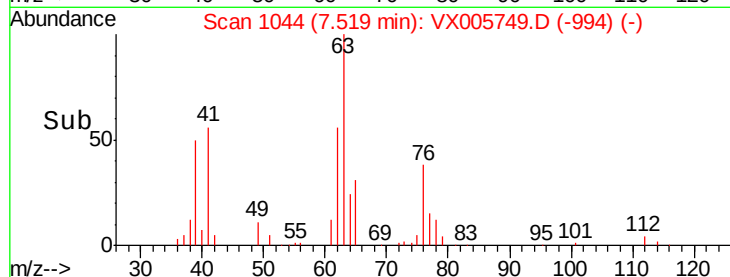
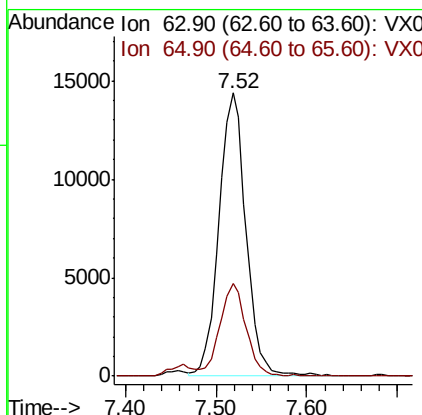
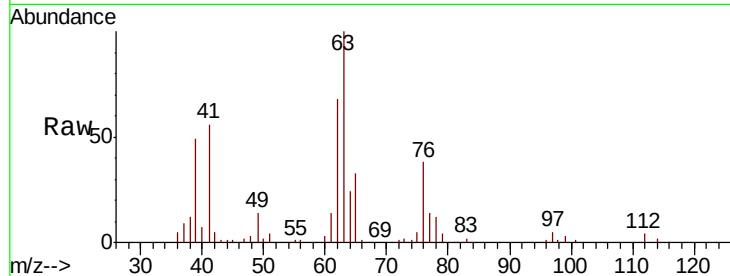




#45
 1,2-Dichloropropane
 Concen: 18.990 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

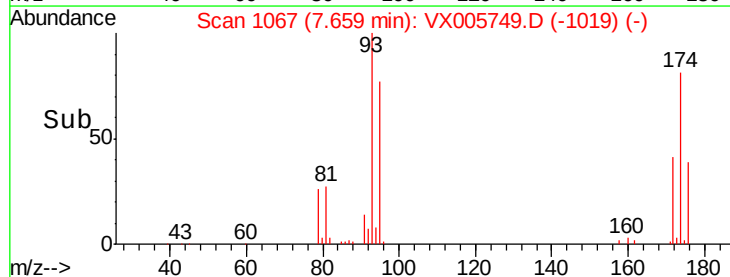
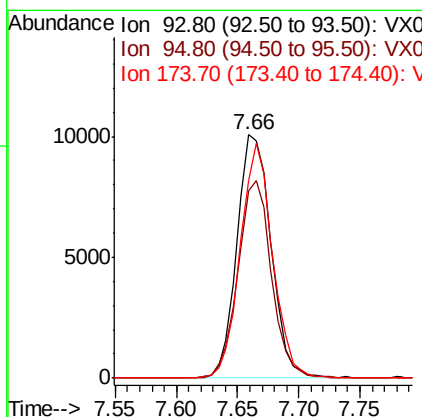
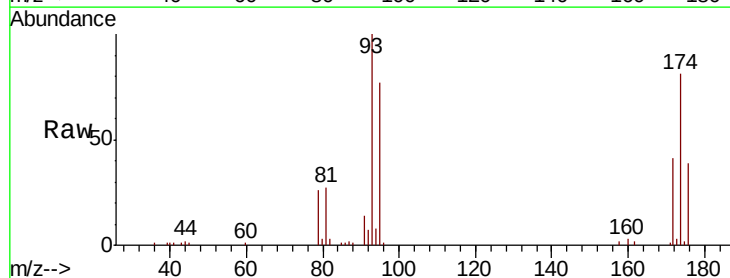
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

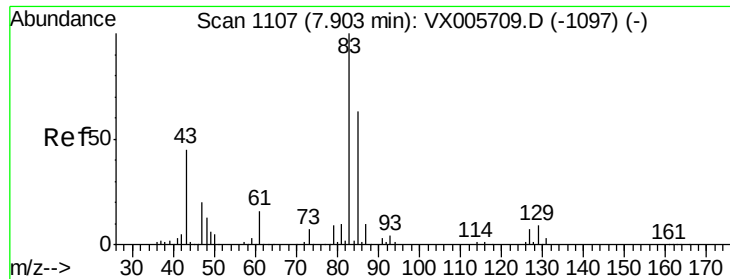
Tot Ion: 63 Resp: 29889
 Ion Ratio Lower Upper
 63 100
 65 32.7 24.8 37.2



#46
 Dibromomethane
 Concen: 19.388 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion: 93 Resp: 19502
 Ion Ratio Lower Upper
 93 100
 95 79.5 67.4 101.0
 174 91.4 91.5 137.3#





#47

Bromodichloromethane

Concen: 19.724 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBSD01

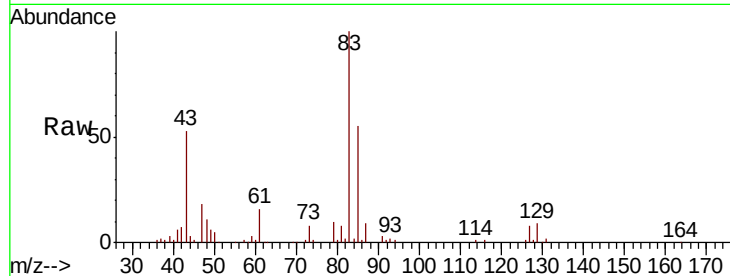
Tot Ion: 83 Resp: 37214

Ion Ratio Lower Upper

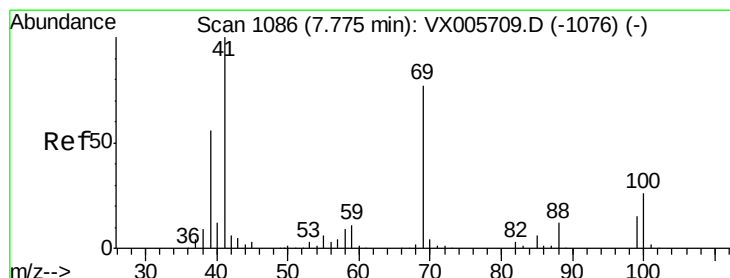
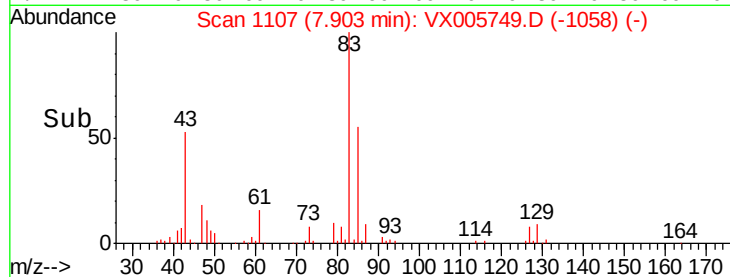
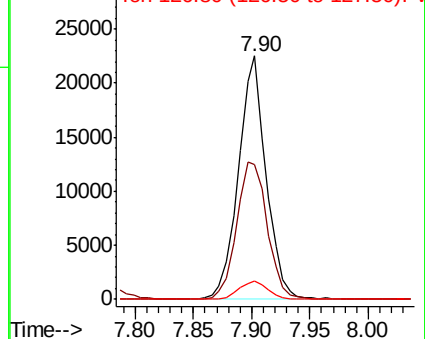
83 100

85 55.1 50.2 75.4

127 7.6 6.9 10.3



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



#48

Methyl methacrylate

Concen: 19.765 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

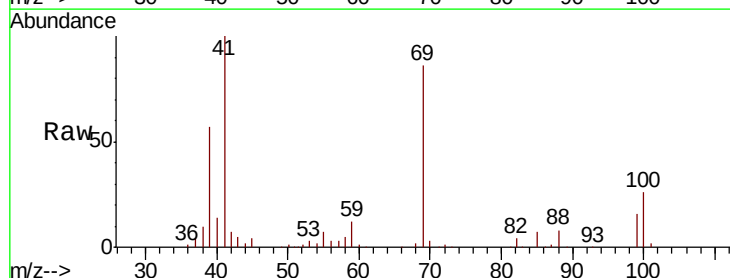
Tgt Ion: 41 Resp: 36570

Ion Ratio Lower Upper

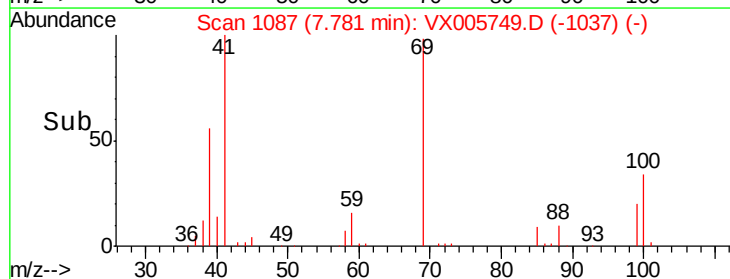
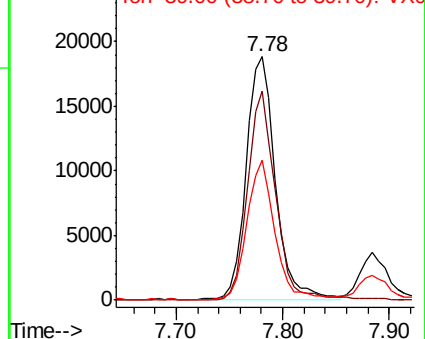
41 100

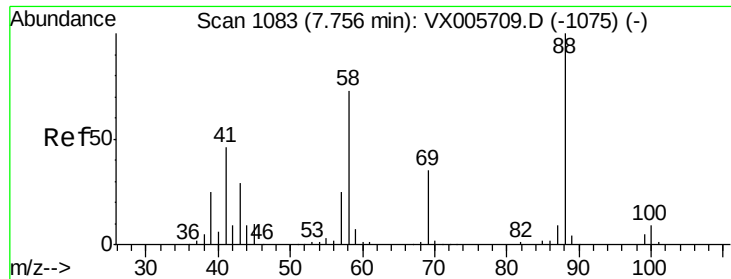
69 82.1 63.2 94.8

39 55.1 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

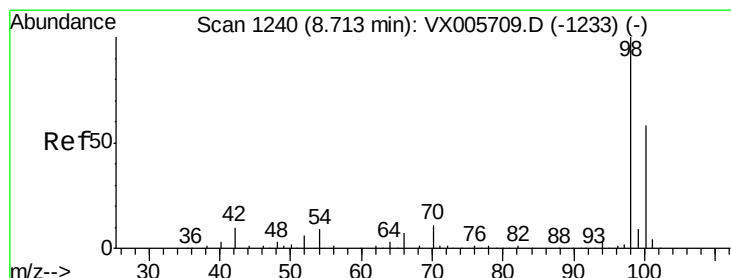
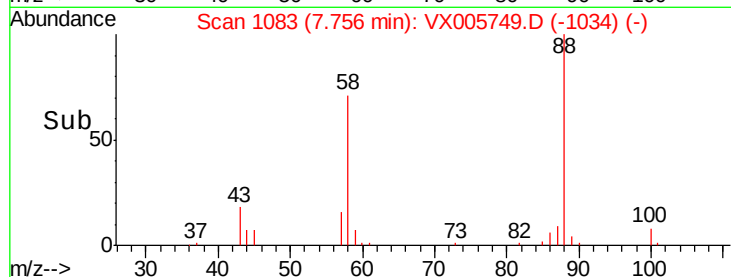
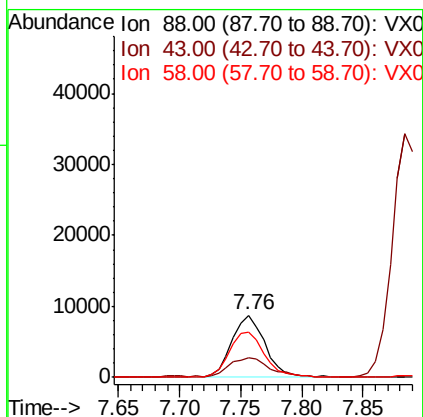
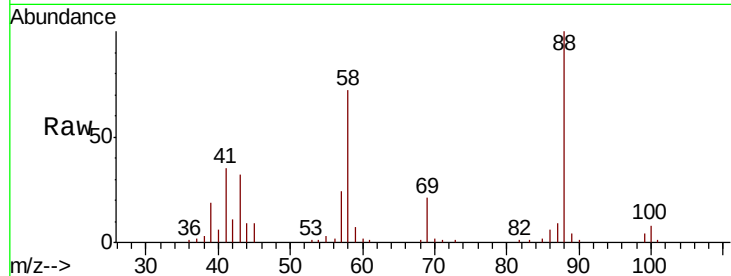




#49
1,4-Dioxane
Concen: 399.173 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

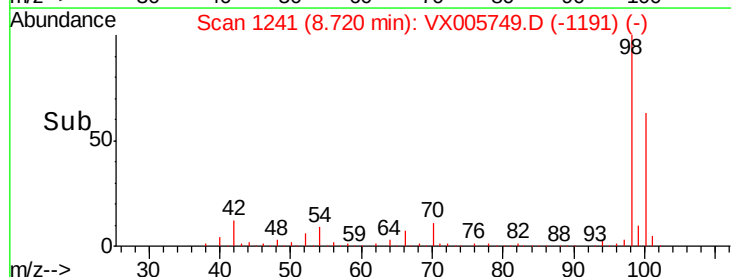
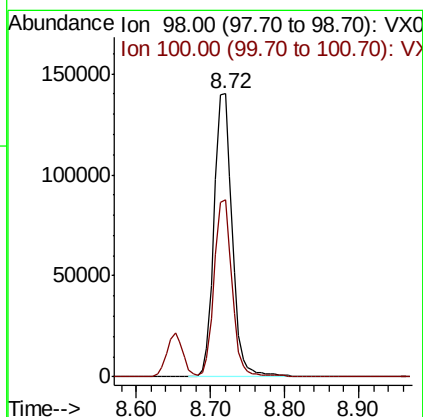
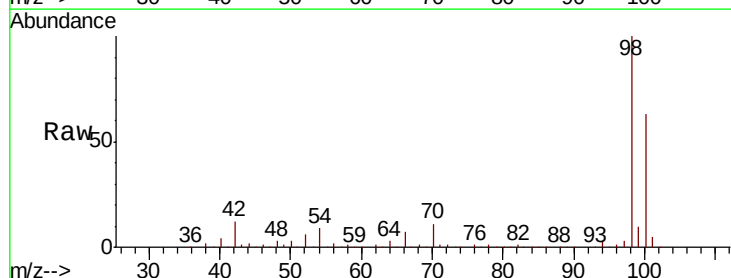
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

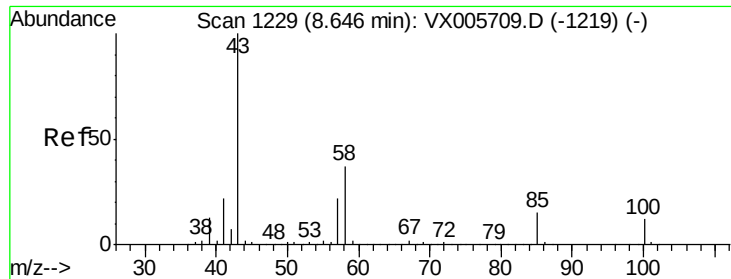
Tot Ion: 88 Resp: 16446
Ion Ratio Lower Upper
88 100
43 36.4 27.4 41.0
58 77.0 59.4 89.2



#50
Toluene-d8
Concen: 49.761 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion: 98 Resp: 234164
Ion Ratio Lower Upper
98 100
100 62.1 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 97.413 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

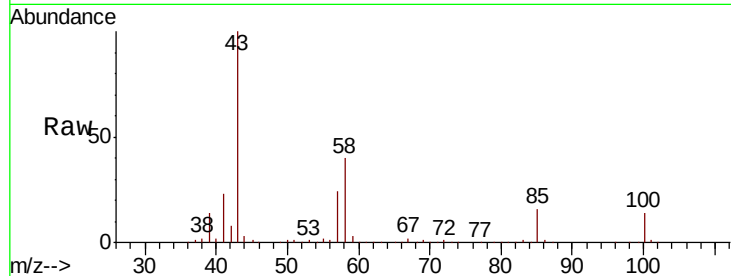
VX1102WBSD01

Tot Ion: 43 Resp: 253920

Ion Ratio Lower Upper

43 100

58 38.4 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

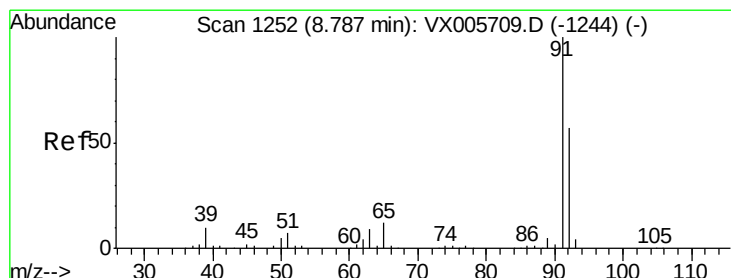
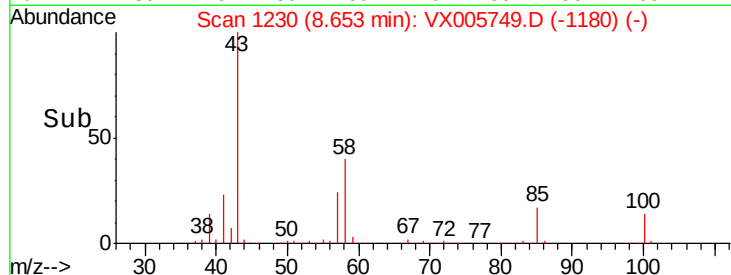
150000

100000

50000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 19.691 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005749.D

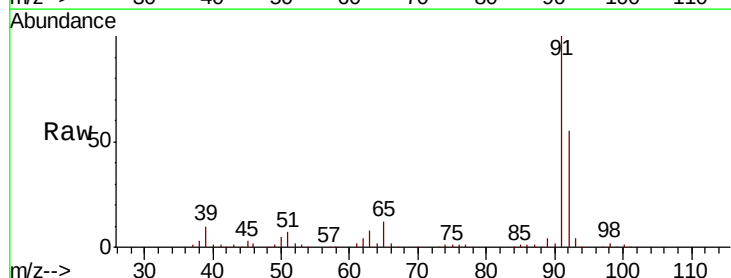
Acq: 02 Nov 2018 12:00

Tgt Ion: 92 Resp: 65415

Ion Ratio Lower Upper

92 100

91 175.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

80000

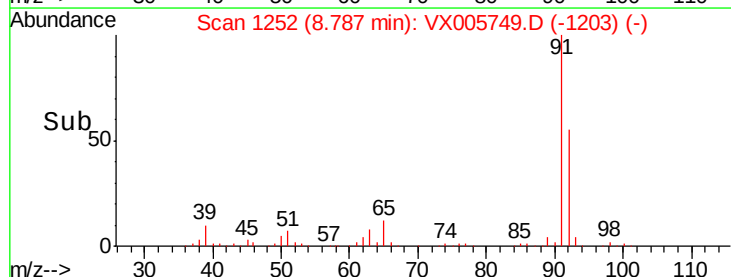
60000

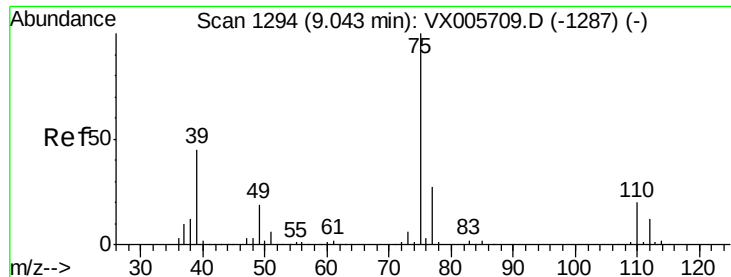
40000

20000

0

Time--> 8.70 8.80 8.90





#53

t-1,3-Dichloropropene

Concen: 18.534 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

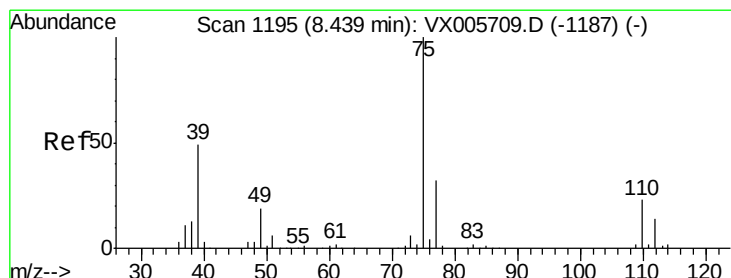
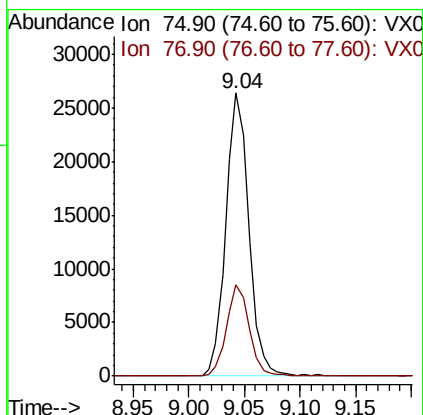
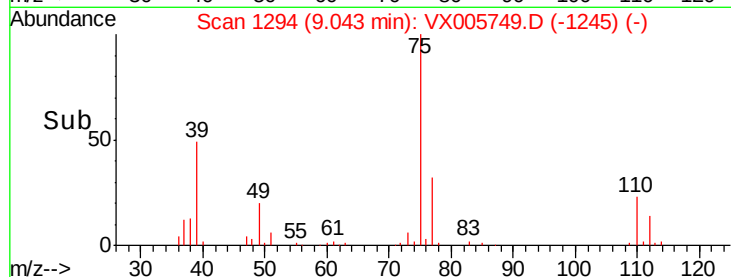
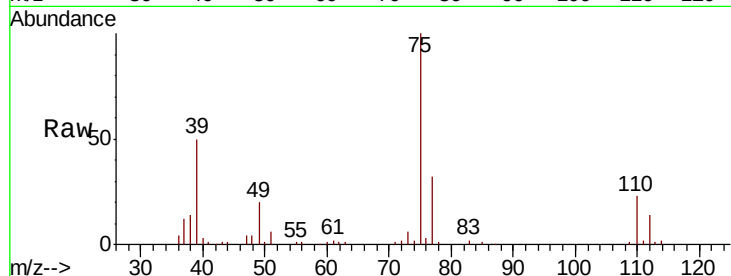
VX1102WBSD01

Tot Ion: 75 Resp: 37897

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.406 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

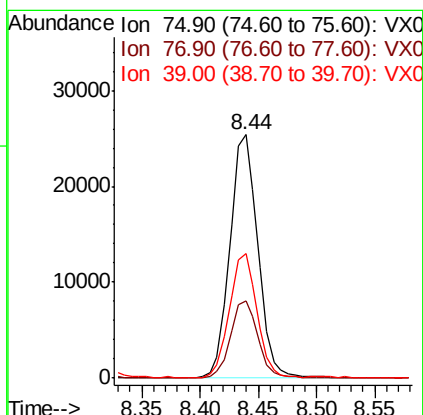
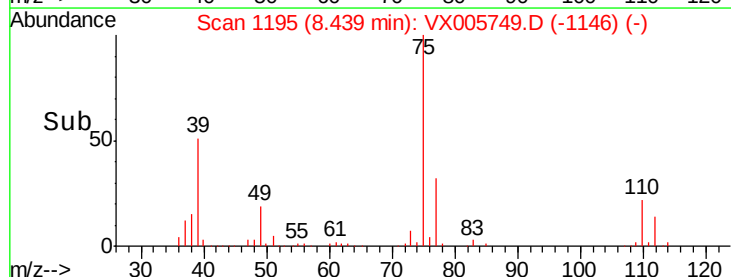
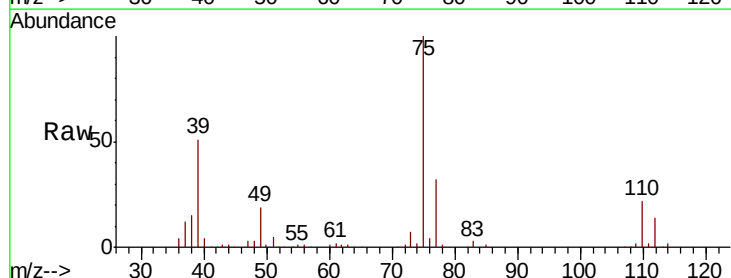
Tgt Ion: 75 Resp: 42513

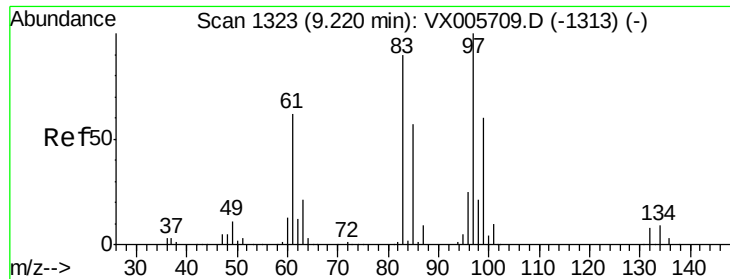
Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

39 51.2 38.2 57.2

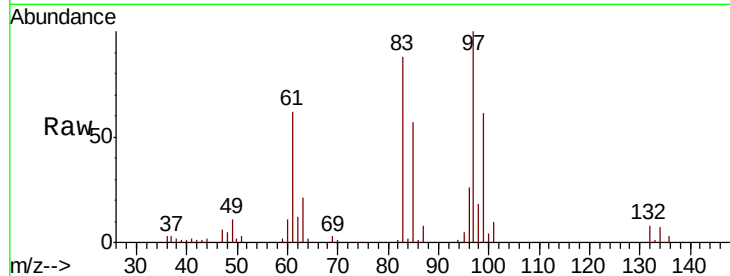




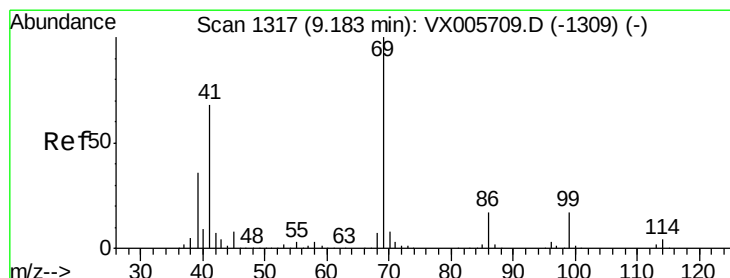
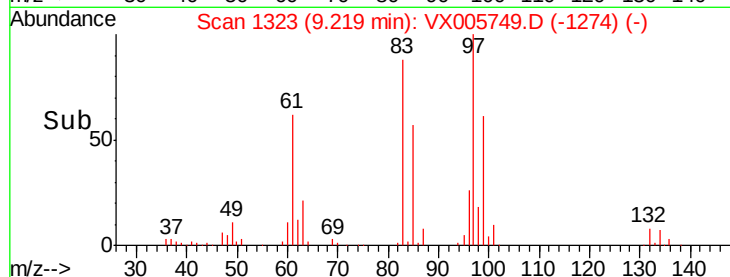
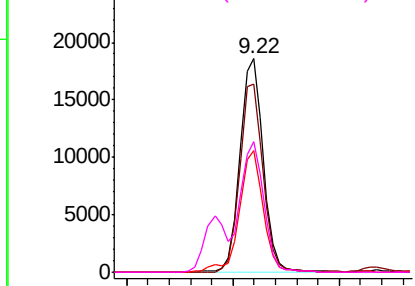
#55
 1,1,2-Trichloroethane
 Concen: 19.770 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

Tot Ion: 97 Resp: 28523
 Ion Ratio Lower Upper
 97 100
 83 88.0 70.7 106.1
 85 56.9 45.8 68.6
 99 60.9 51.8 77.8

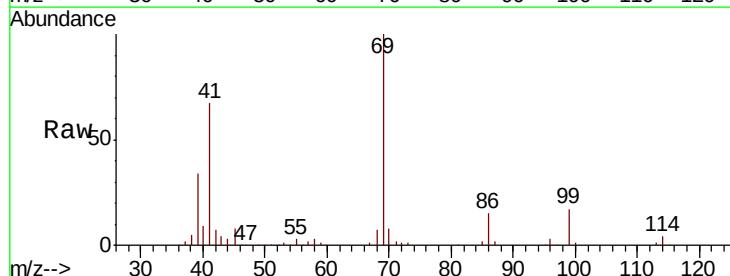


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

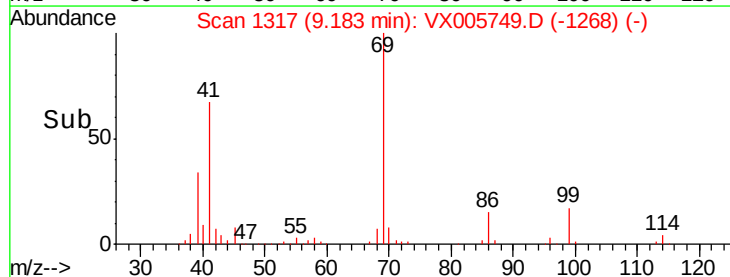
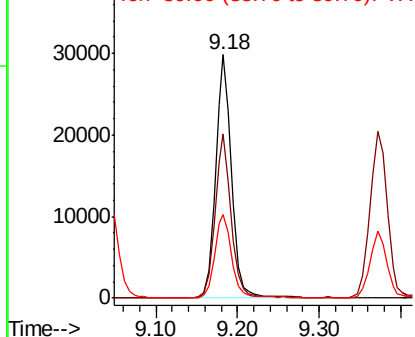


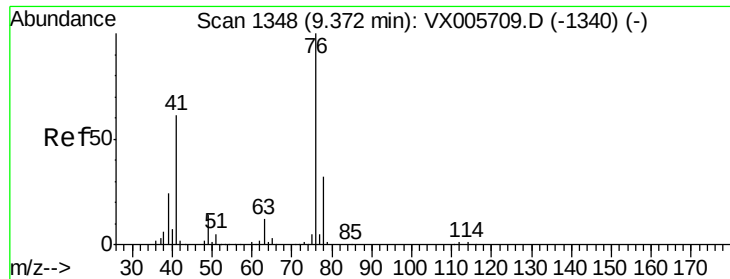
#56
 Ethyl methacrylate
 Concen: 18.470 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion: 69 Resp: 41218
 Ion Ratio Lower Upper
 69 100
 41 69.1 57.0 85.6
 39 37.1 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: 19.243 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

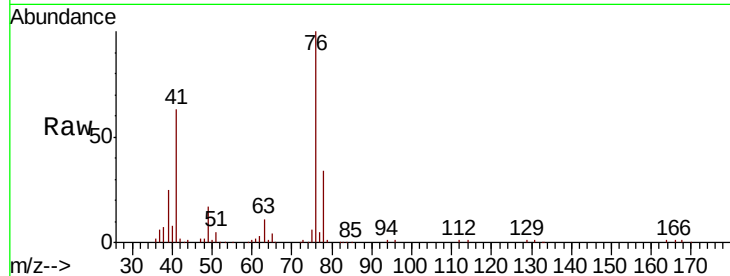
VX1102WBSD01

Tot Ion: 76 Resp: 47690

Ion Ratio Lower Upper

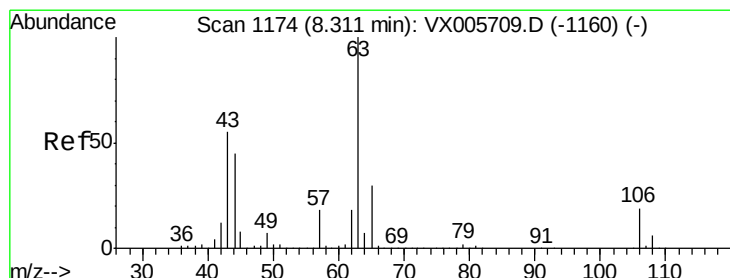
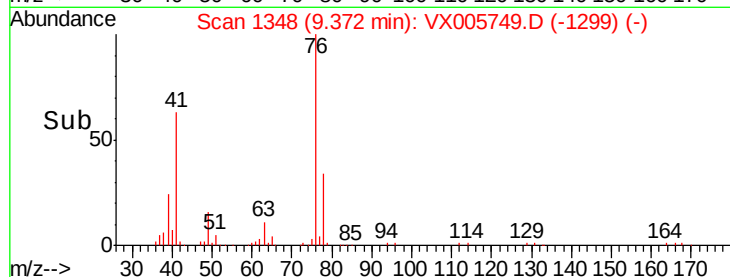
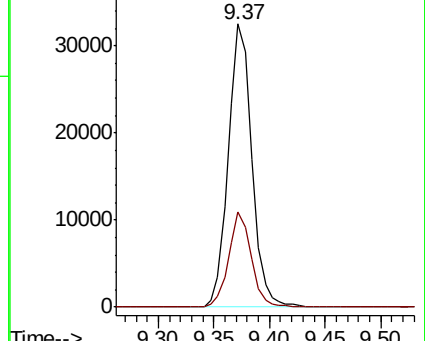
76 100

78 32.2 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: 97.954 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX005749.D

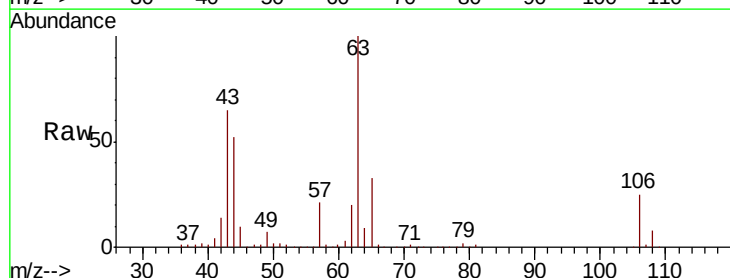
Acq: 02 Nov 2018 12:00

Tgt Ion: 63 Resp: 127125

Ion Ratio Lower Upper

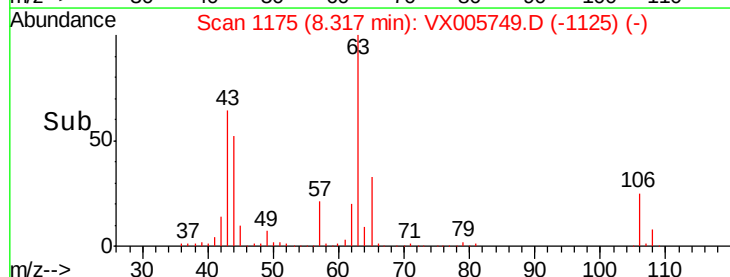
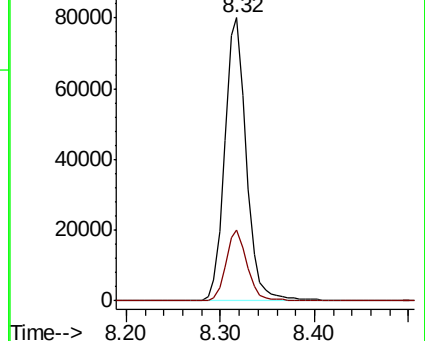
63 100

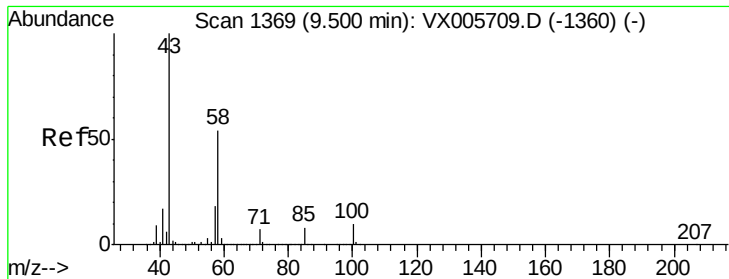
106 24.6 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

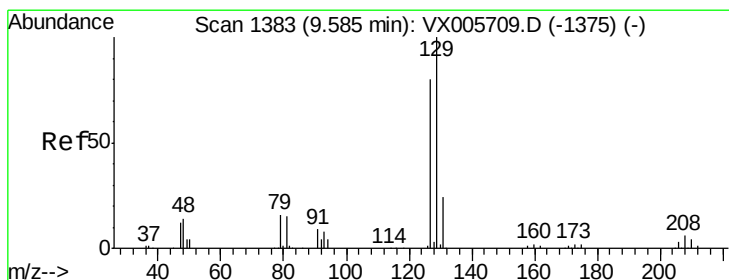
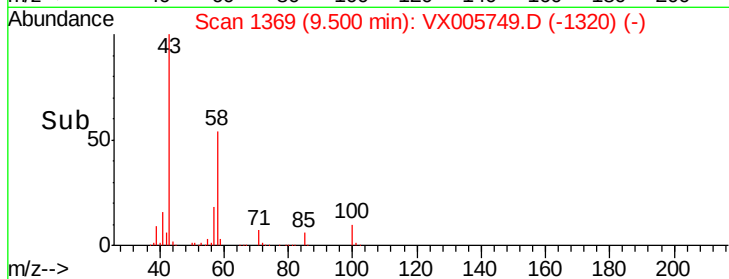
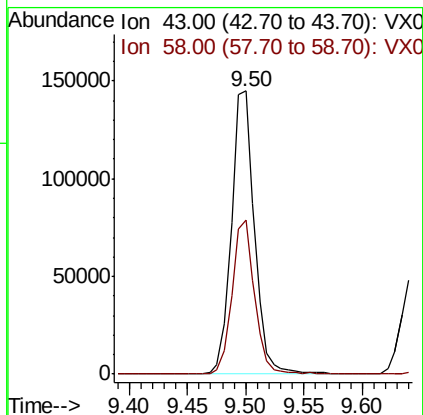
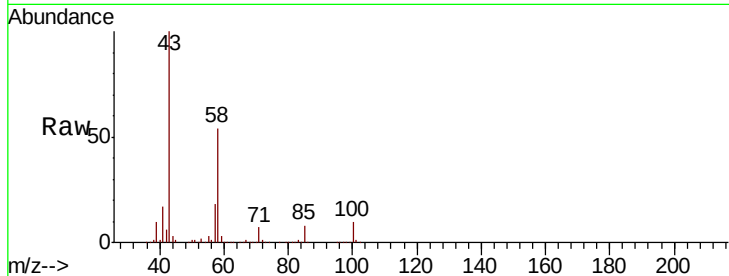




#59
2-Hexanone
Concen: 94.549 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

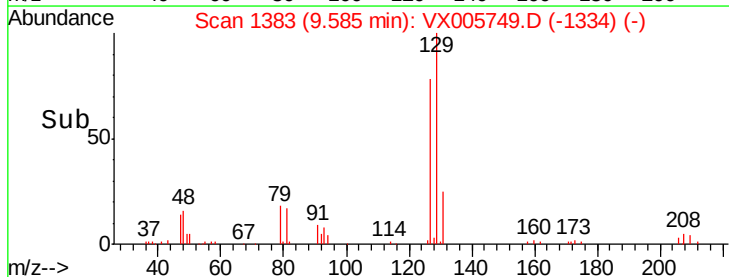
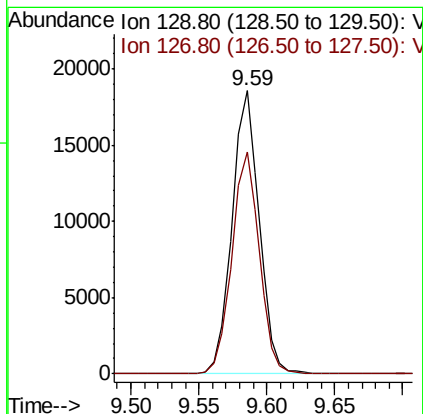
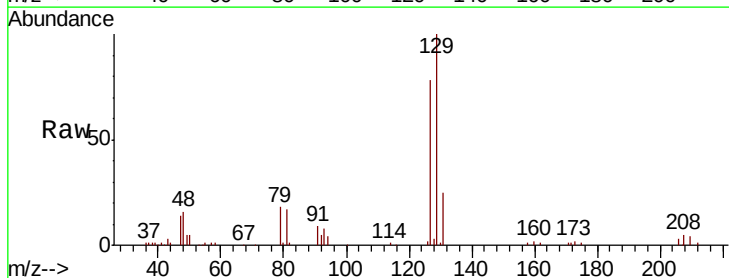
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

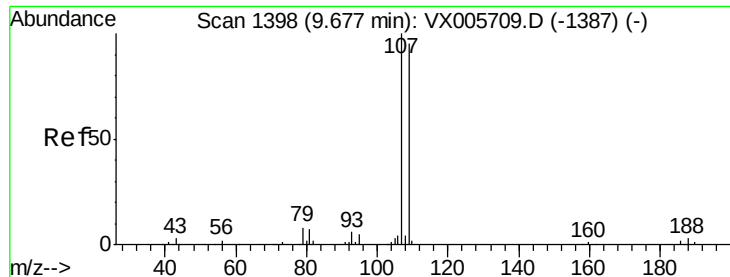
Tot Ion: 43 Resp: 200565
Ion Ratio Lower Upper
43 100
58 53.2 25.9 77.8



#60
Dibromochloromethane
Concen: 18.506 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion:129 Resp: 25800
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.285 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

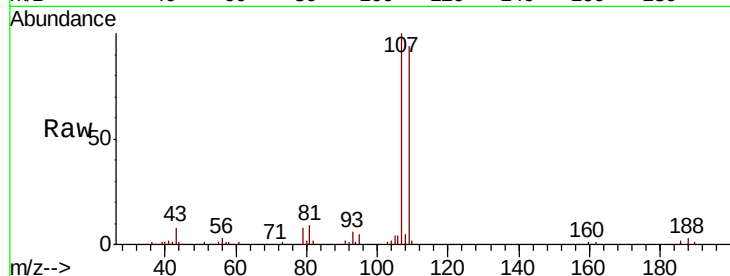
VX1102WBSD01

Tot Ion:107 Resp: 28351

Ion Ratio Lower Upper

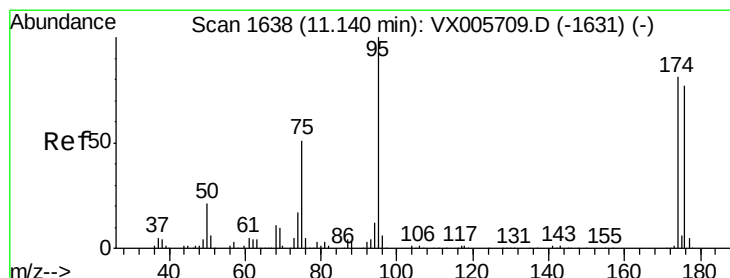
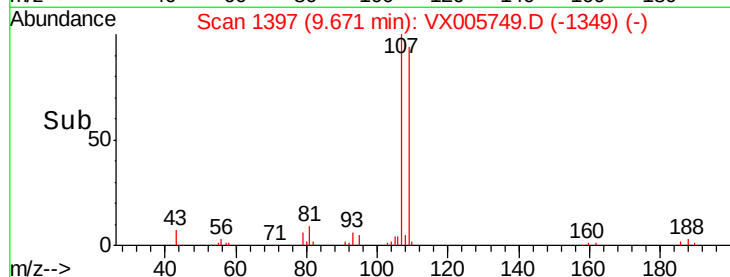
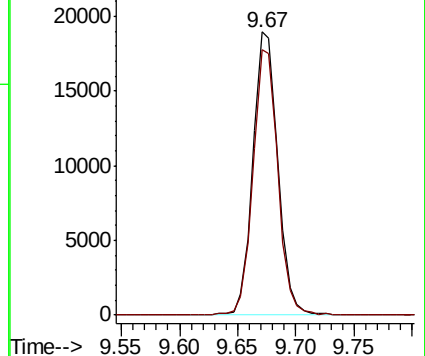
107 100

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



#62

4-Bromofluorobenzene

Concen: 48.272 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

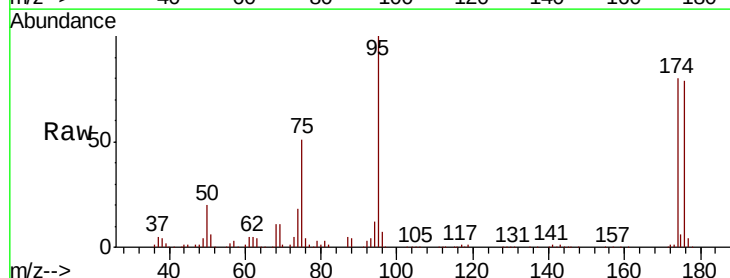
Tgt Ion: 95 Resp: 83836

Ion Ratio Lower Upper

95 100

174 78.6 0.0 184.4

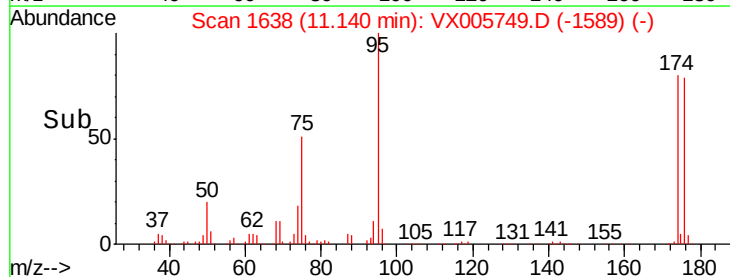
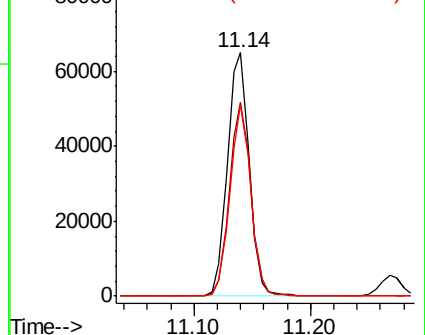
176 75.9 0.0 177.4

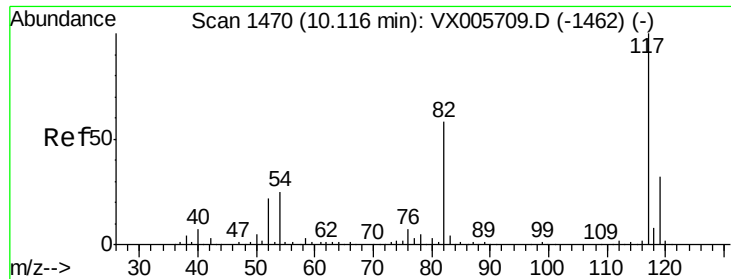


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

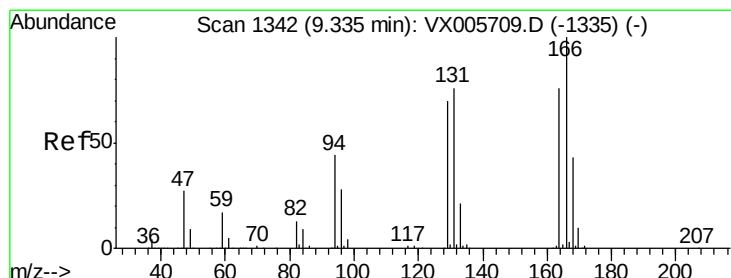
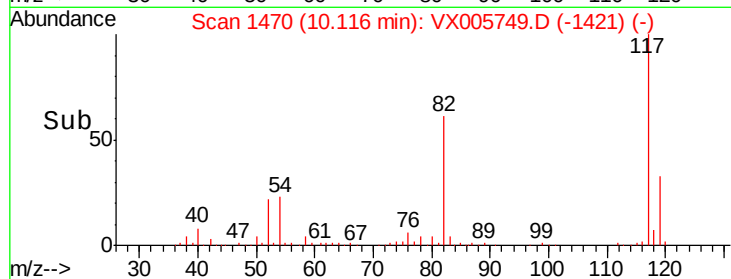
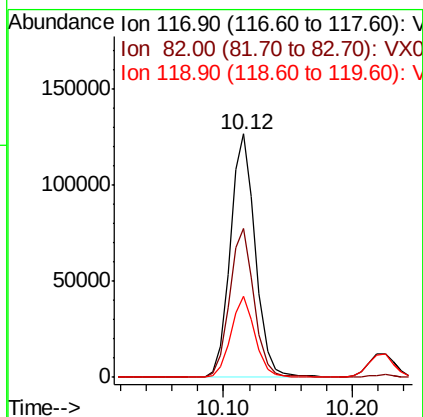
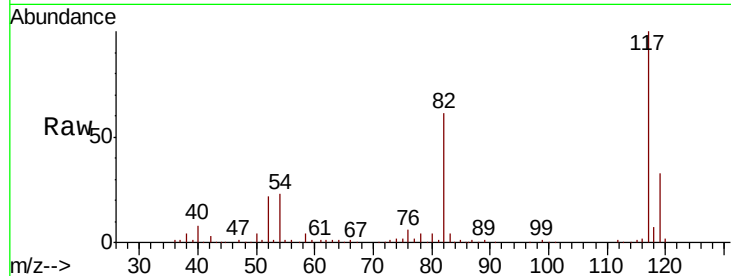




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

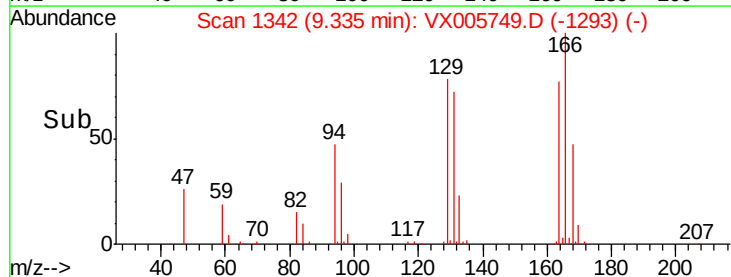
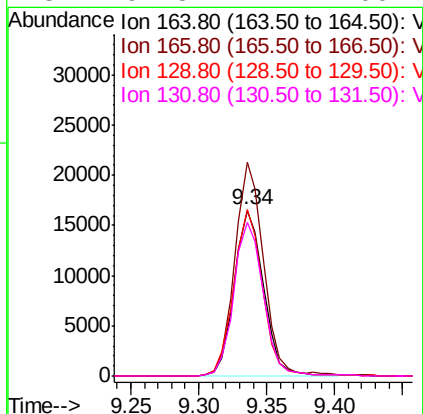
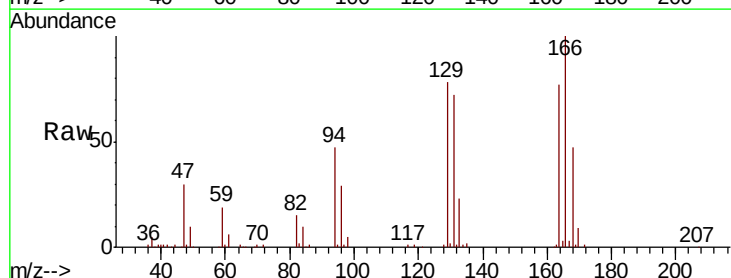
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

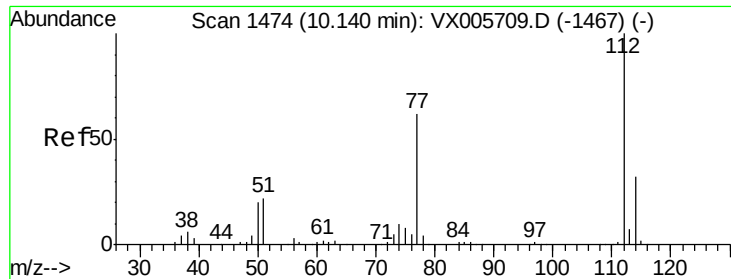
Tot Ion:117 Resp: 172045
Ion Ratio Lower Upper
117 100
82 61.0 44.1 66.1
119 33.3 26.2 39.2



#64
Tetrachloroethene
Concen: 19.745 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion:164 Resp: 24818
Ion Ratio Lower Upper
164 100
166 129.0 101.9 152.9
129 100.6 72.6 109.0
131 92.8 71.1 106.7

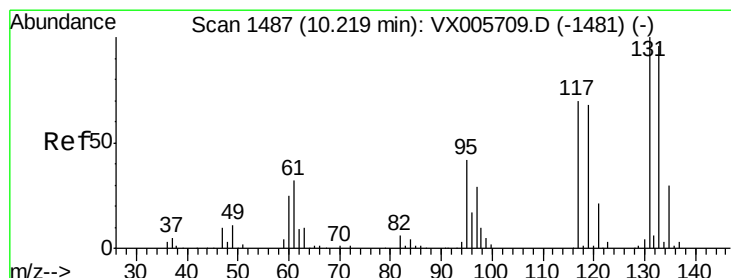
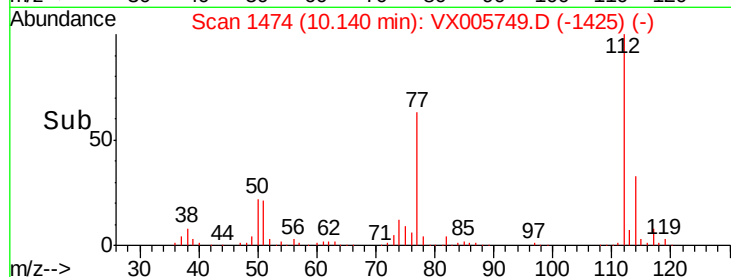
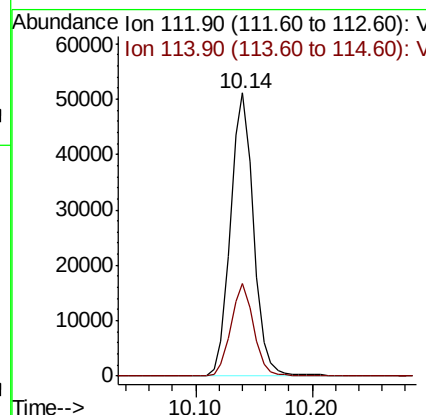
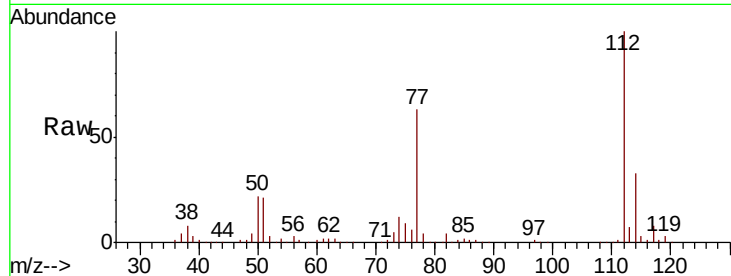




#65
Chlorobenzene
Concen: 19.286 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

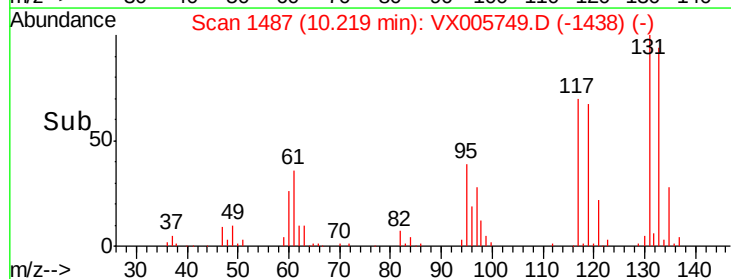
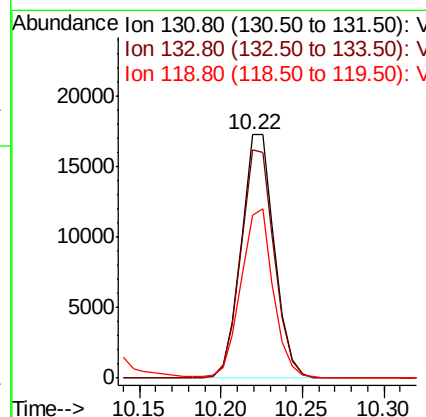
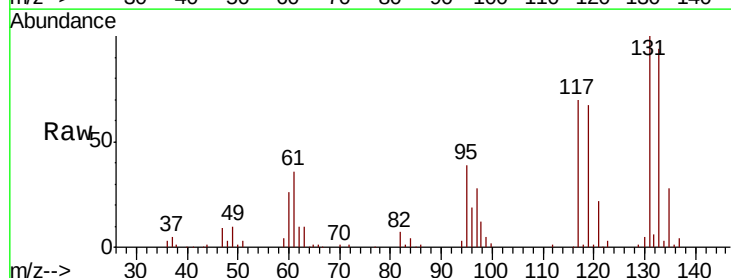
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

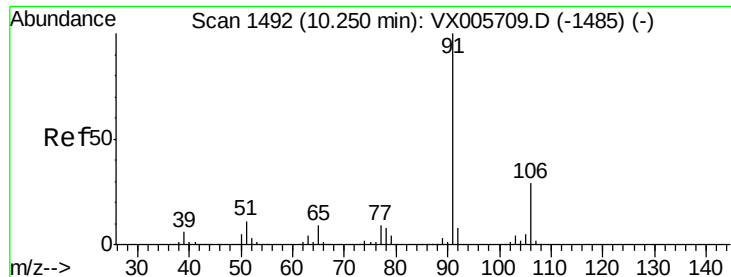
Tot Ion:112 Resp: 70508
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.487 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion:131 Resp: 24389
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.5
119 68.1 31.8 95.3





#67

Ethyl Benzene

Concen: 19.347 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

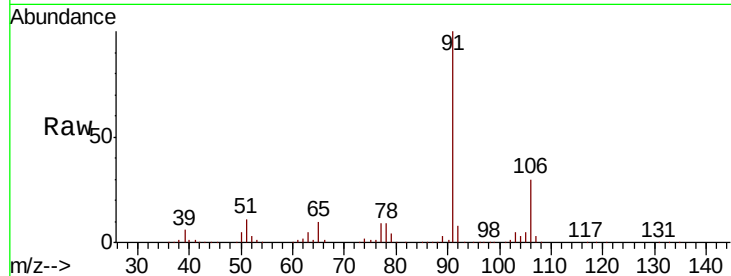
VX1102WBSD01

Tot Ion: 91 Resp: 120715

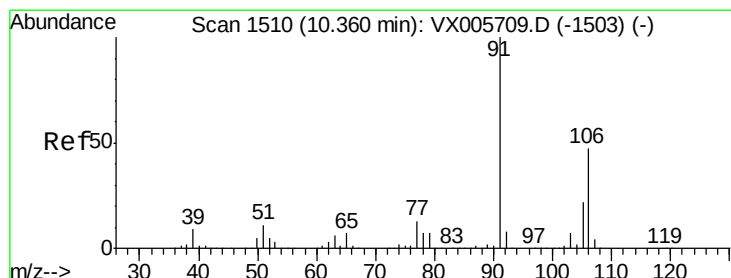
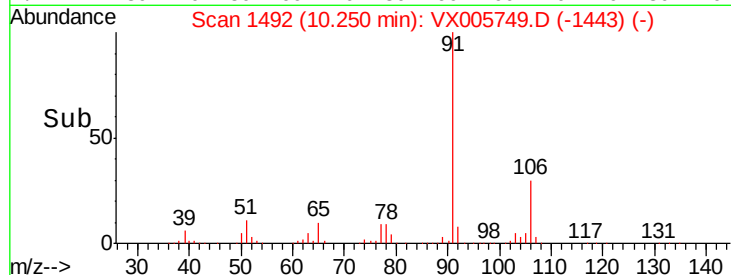
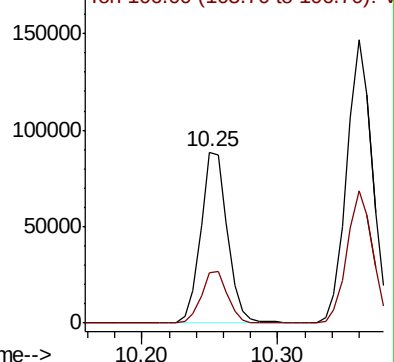
Ion Ratio Lower Upper

91 100

106 29.8 24.4 36.6



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



#68

m/p-Xylenes

Concen: 39.225 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005749.D

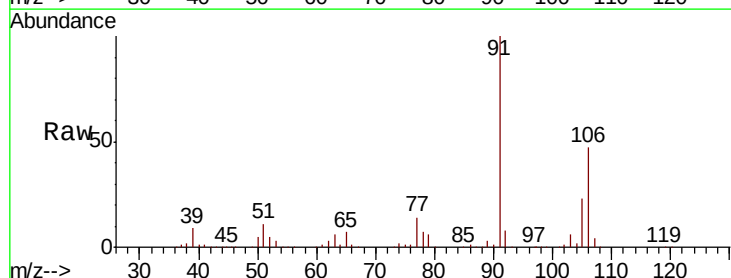
Acq: 02 Nov 2018 12:00

Tgt Ion: 106 Resp: 90943

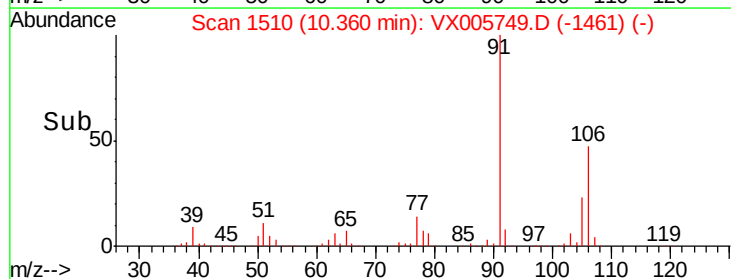
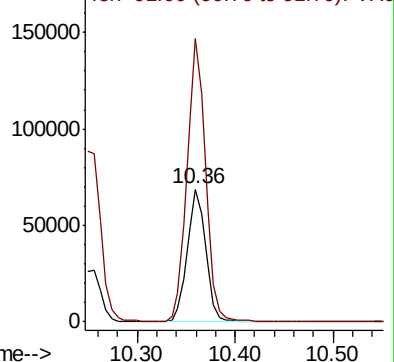
Ion Ratio Lower Upper

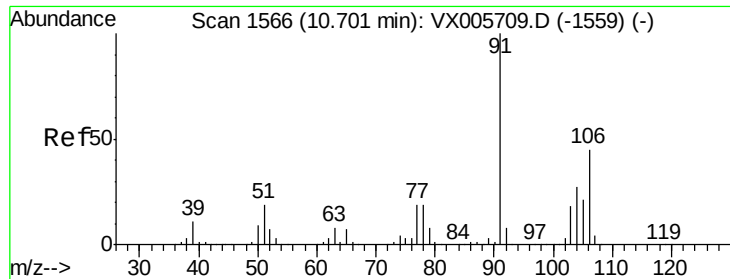
106 100

91 212.0 164.2 246.4



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

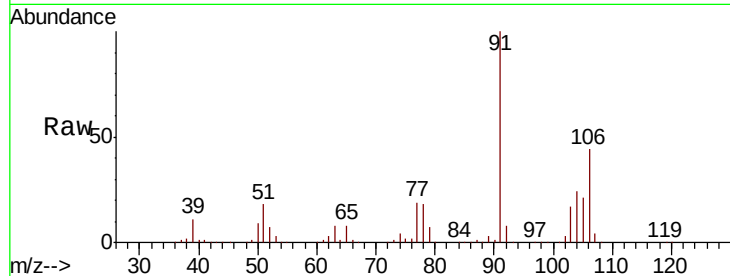




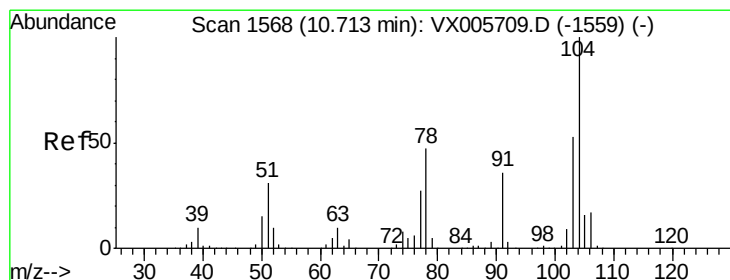
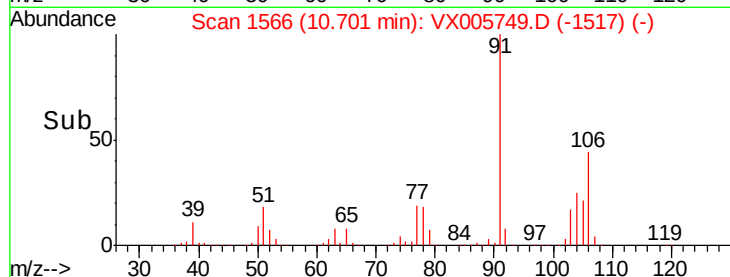
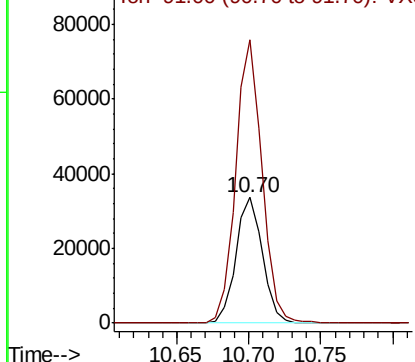
#69
o-Xylene
Concen: 19.663 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion:106 Resp: 43602
Ion Ratio Lower Upper
106 100
91 222.1 108.5 325.5

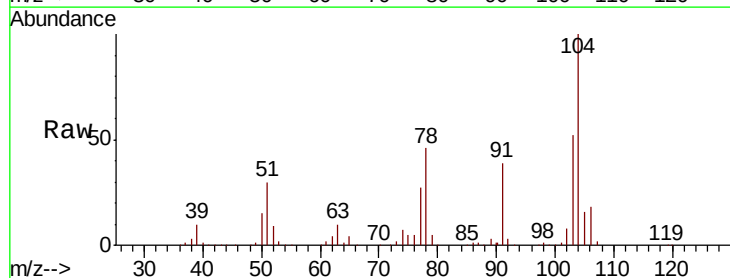


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

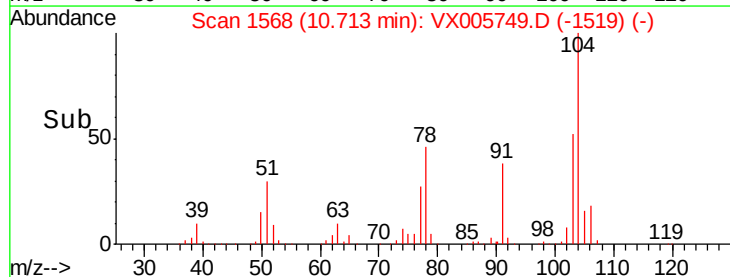
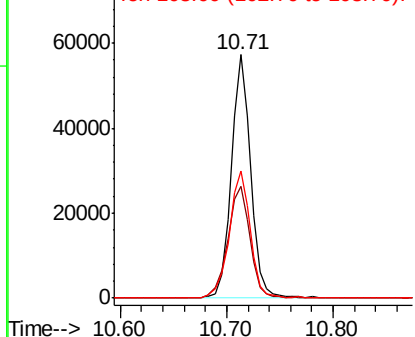


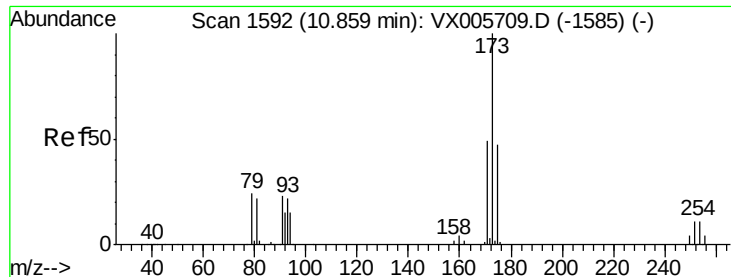
#70
Styrene
Concen: 19.895 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion:104 Resp: 73274
Ion Ratio Lower Upper
104 100
78 52.7 40.2 60.4
103 56.8 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: 19.126 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBSD01

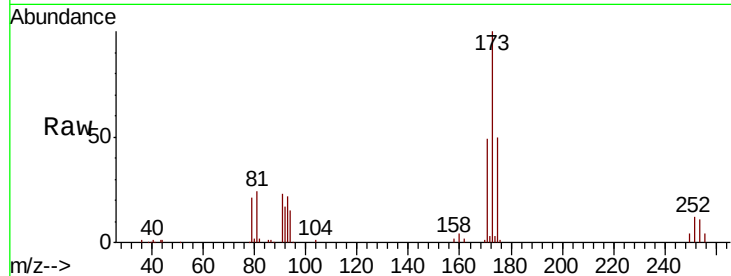
Tot Ion:173 Resp: 19395

Ion Ratio Lower Upper

173 100

175 47.9 24.8 74.3

254 0.0 0.2 0.2#

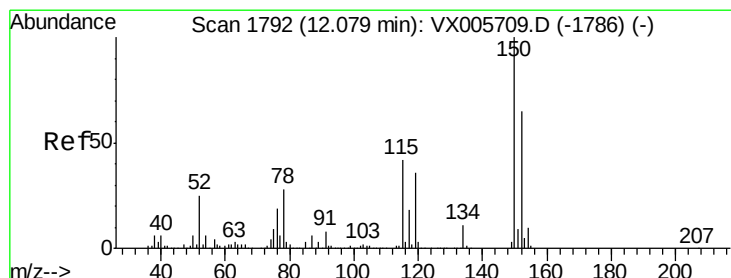
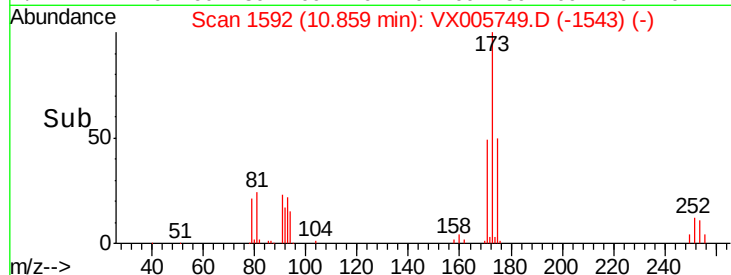
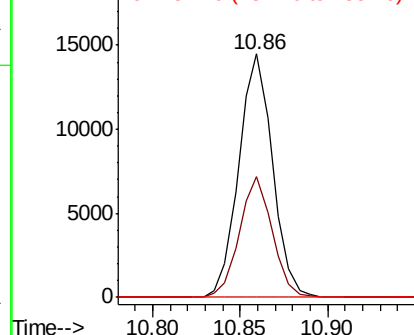


Abundance

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: VX005749.D

Acq: 02 Nov 2018 12:00

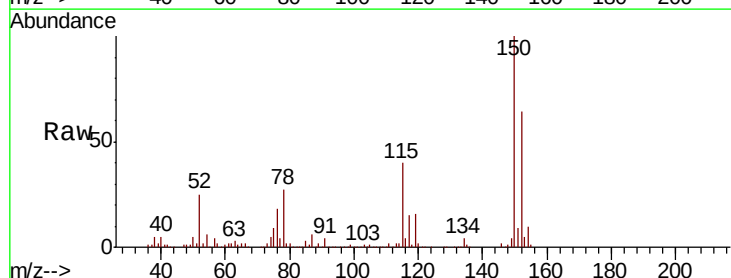
Tgt Ion:152 Resp: 88510

Ion Ratio Lower Upper

152 100

115 69.2 39.4 118.1

150 163.4 0.0 346.4

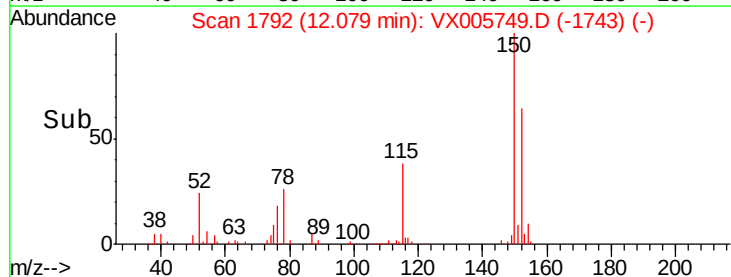
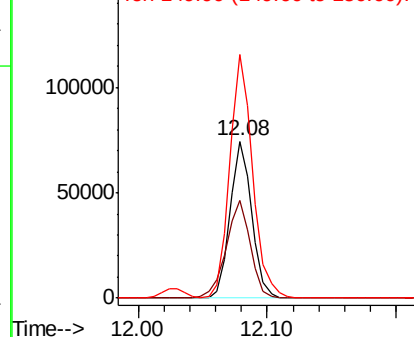


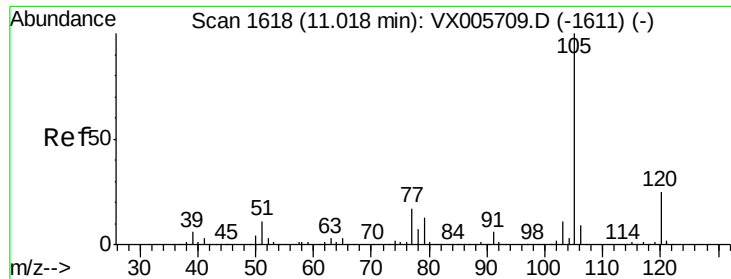
Abundance

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: 20.393 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

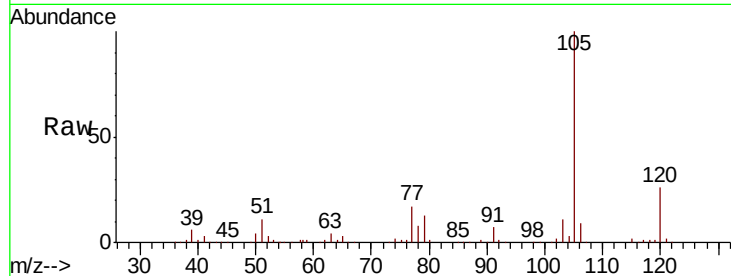
VX1102WBSD01

Tot Ion:105 Resp: 119081

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

100000

80000

60000

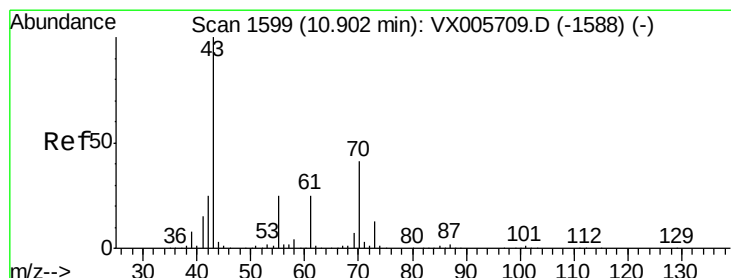
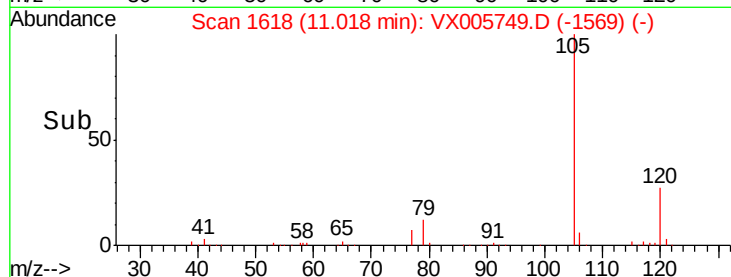
40000

20000

0

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 19.092 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Tgt Ion: 43 Resp: 59356

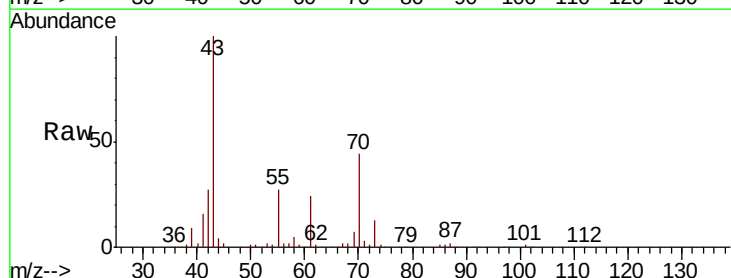
Ion Ratio Lower Upper

43 100

70 41.3 31.6 47.4

55 27.0 19.7 29.5

61 23.0 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

60000

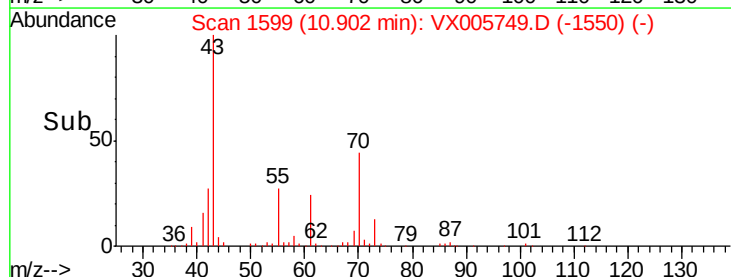
40000

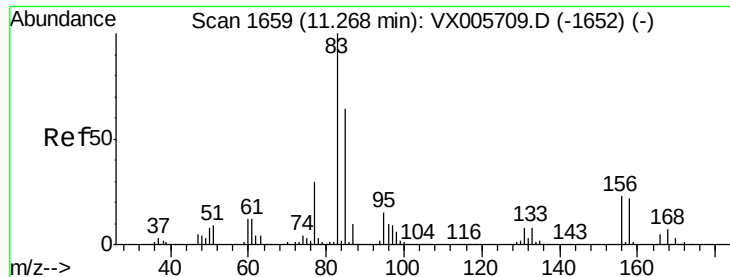
20000

0

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.883 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBSD01

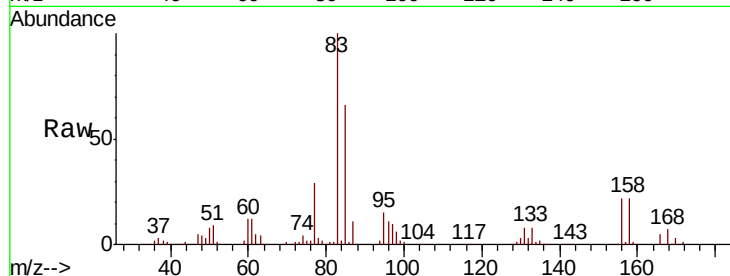
Tot Ion: 83 Resp: 48168

Ion Ratio Lower Upper

83 100

131 8.6 5.3 15.9

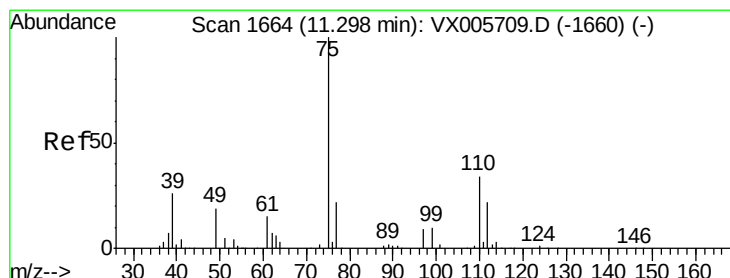
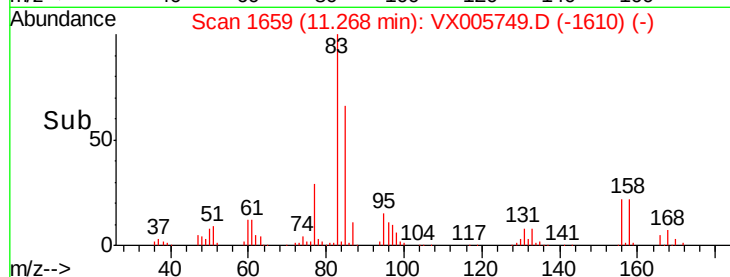
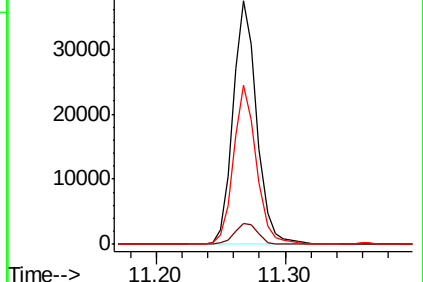
85 63.4 32.0 96.2



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: 24.760 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005749.D

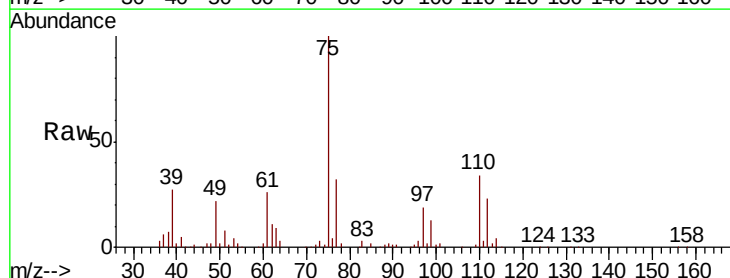
Acq: 02 Nov 2018 12:00

Tgt Ion: 75 Resp: 54583

Ion Ratio Lower Upper

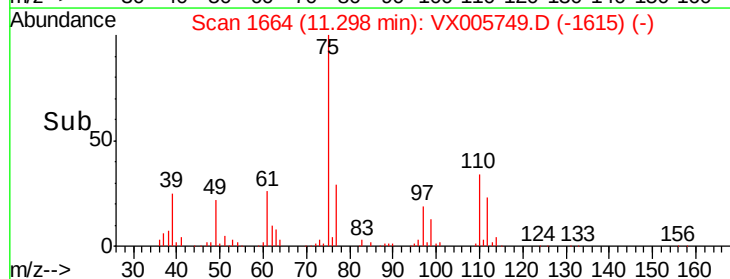
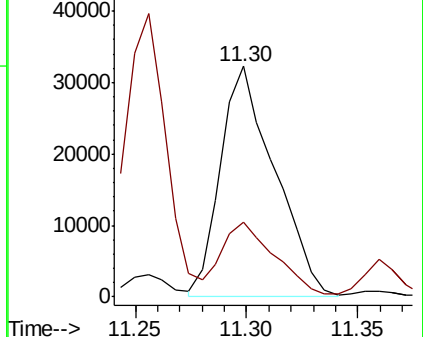
75 100

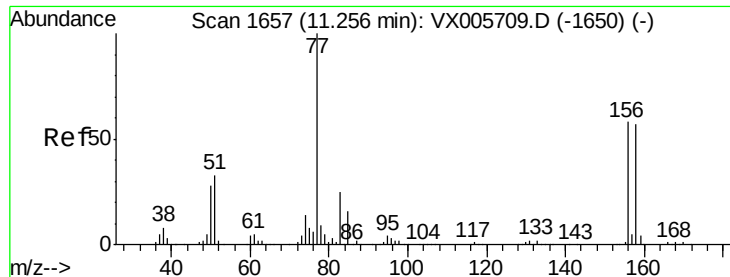
77 31.7 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.826 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBSD01

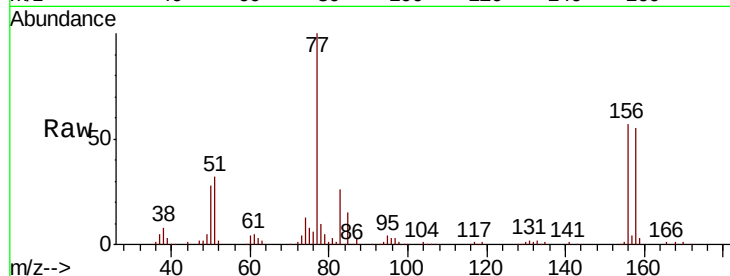
Tot Ion:156 Resp: 28719

Ion Ratio Lower Upper

156 100

77 179.1 74.8 224.4

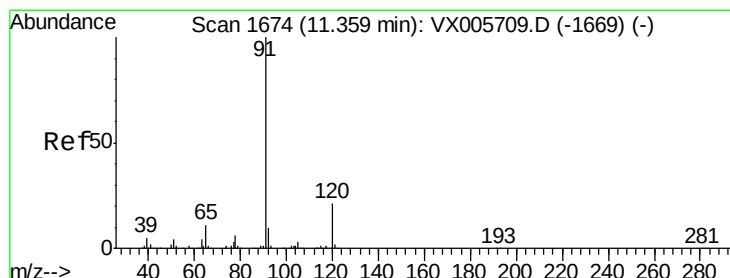
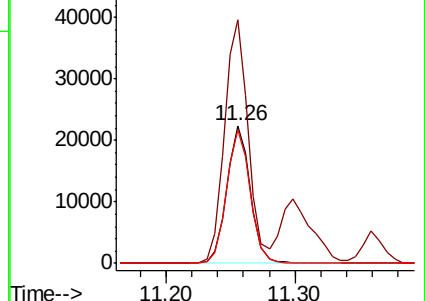
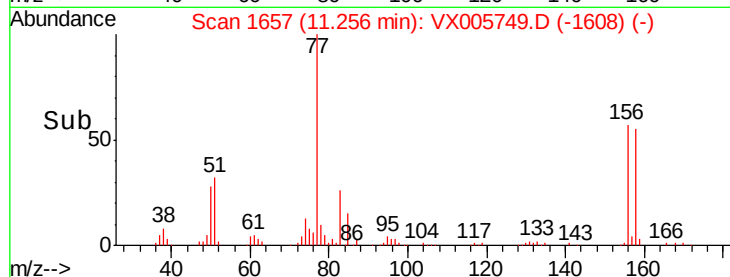
158 97.5 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.287 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005749.D

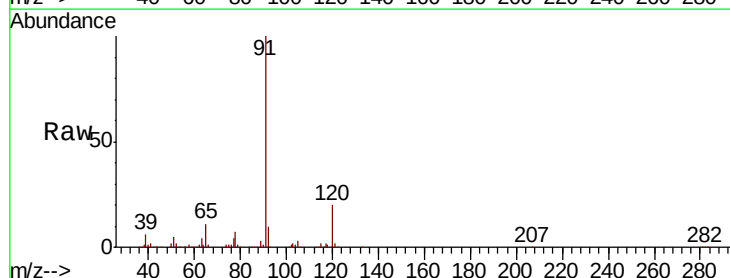
Acq: 02 Nov 2018 12:00

Tgt Ion: 91 Resp: 144108

Ion Ratio Lower Upper

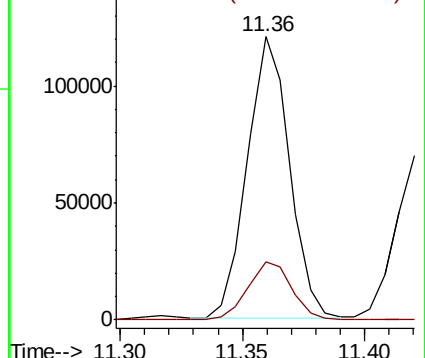
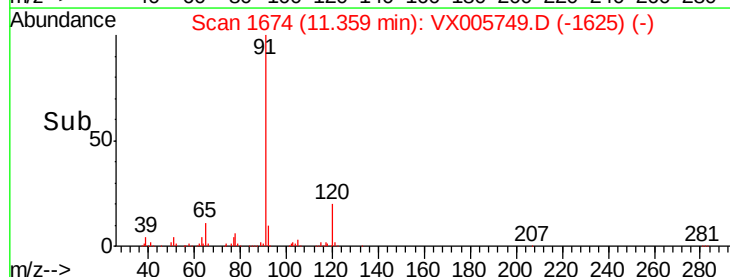
91 100

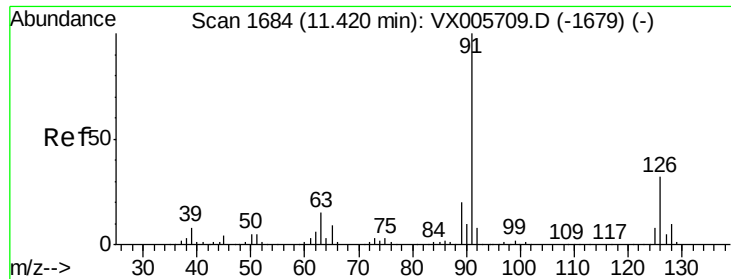
120 21.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

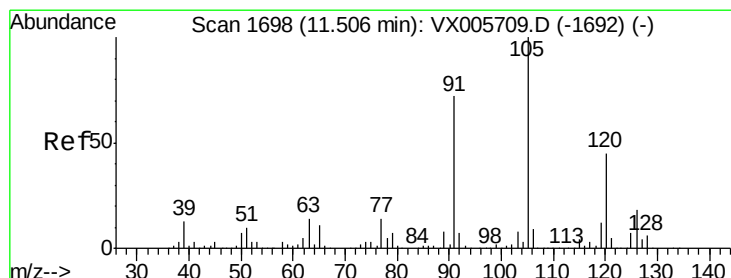
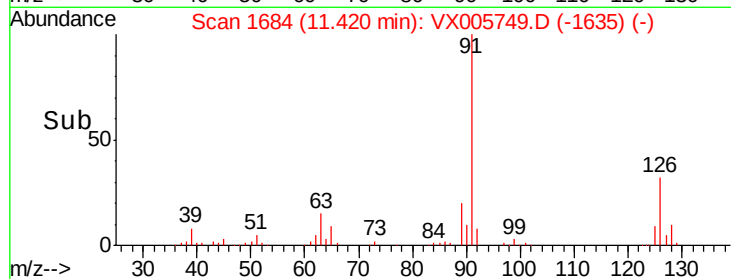
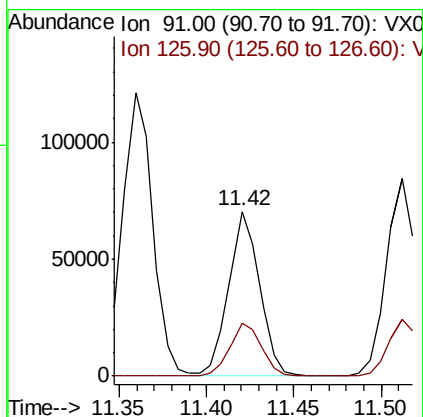
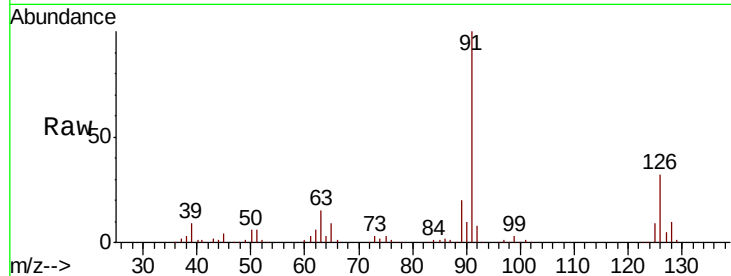




#79
 2-Chlorotoluene
 Concen: 20.266 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

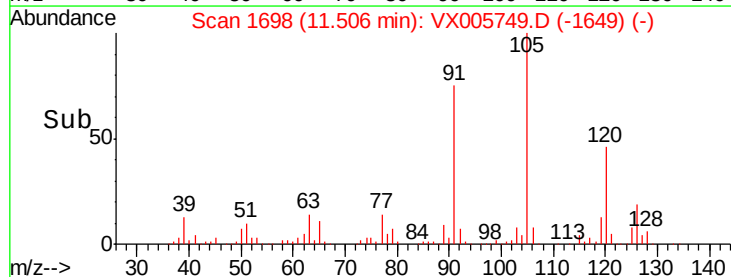
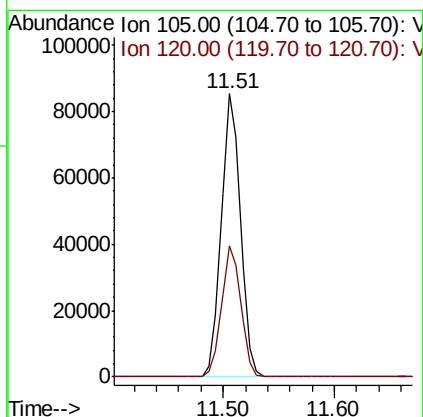
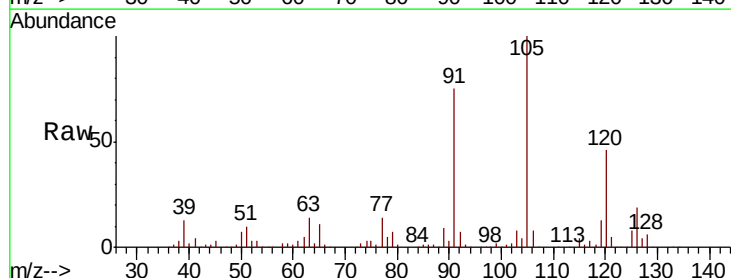
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1102WBSD01

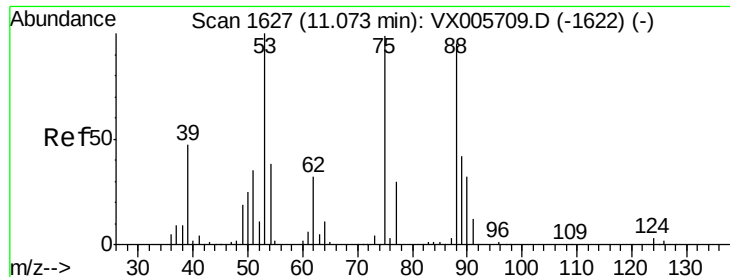
Tot Ion: 91 Resp: 85981
 Ion Ratio Lower Upper
 91 100
 126 33.5 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.632 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion: 105 Resp: 102295
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.727 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBSD01

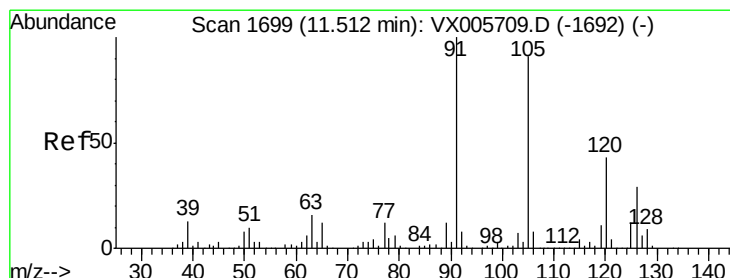
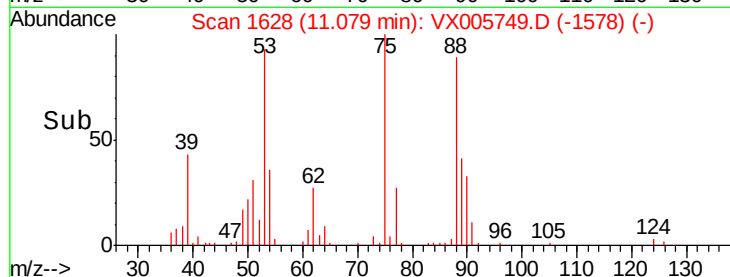
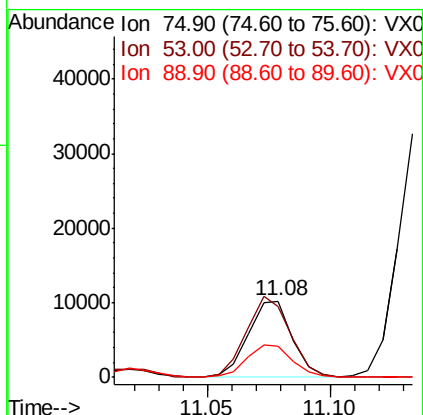
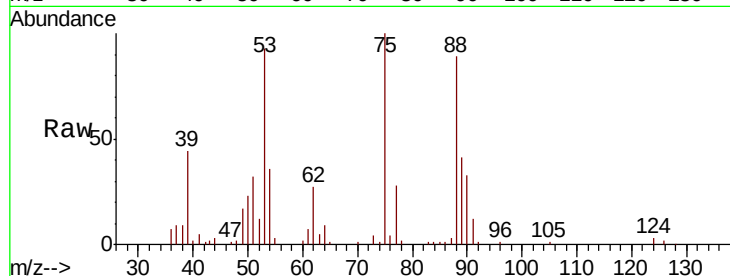
Tot Ion: 75 Resp: 12777

Ion Ratio Lower Upper

75 100

53 106.3 80.2 120.2

89 44.1 39.8 59.8



#82

4-Chlorotoluene

Concen: 20.172 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005749.D

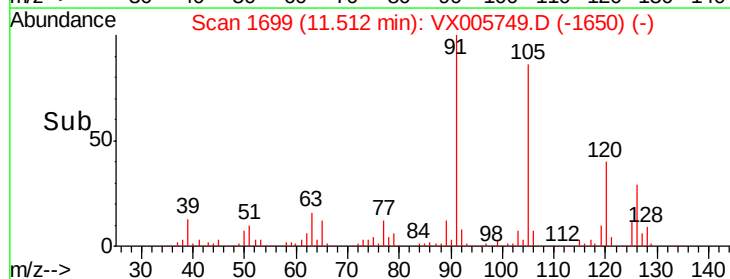
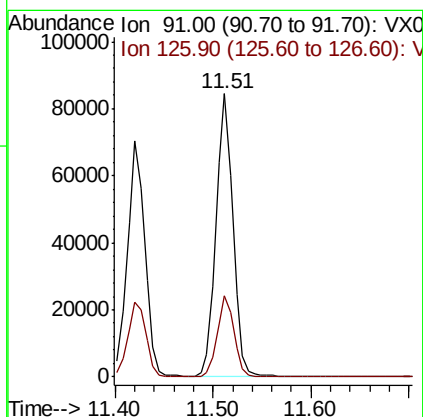
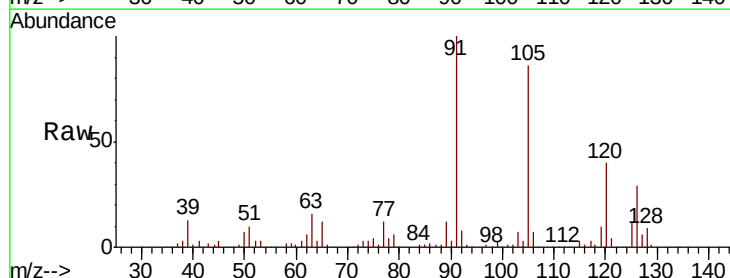
Acq: 02 Nov 2018 12:00

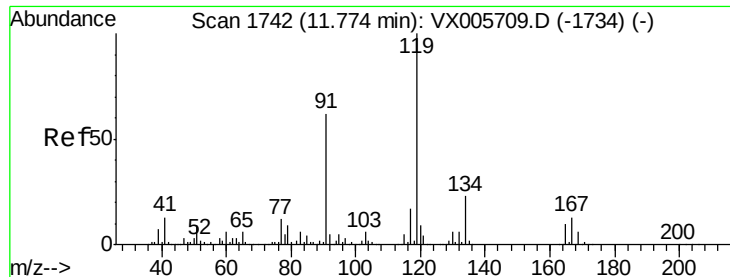
Tgt Ion: 91 Resp: 102175

Ion Ratio Lower Upper

91 100

126 28.3 15.2 45.6

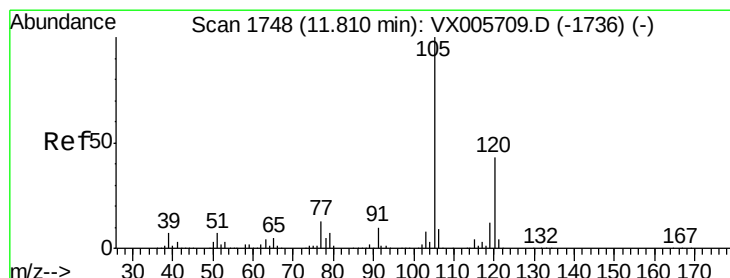
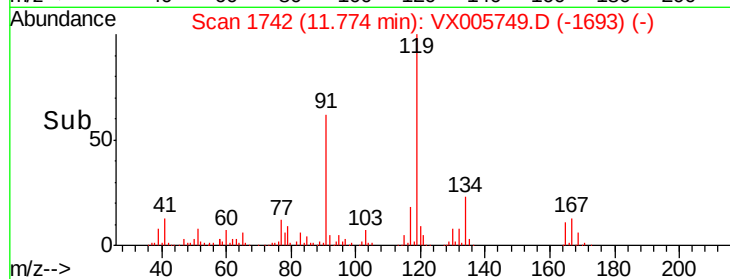
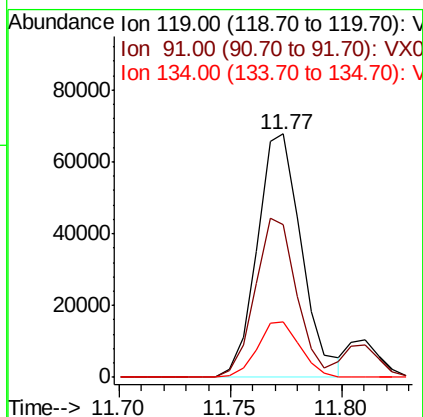
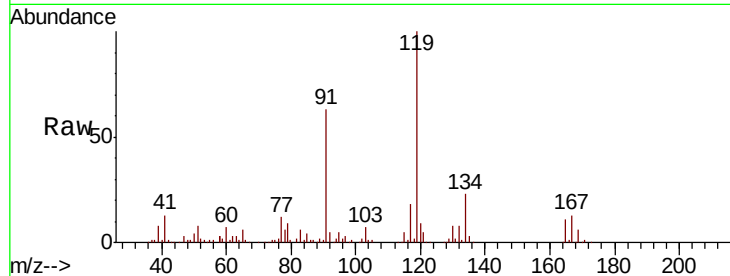




#83
 tert-Butylbenzene
 Concen: 19.833 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

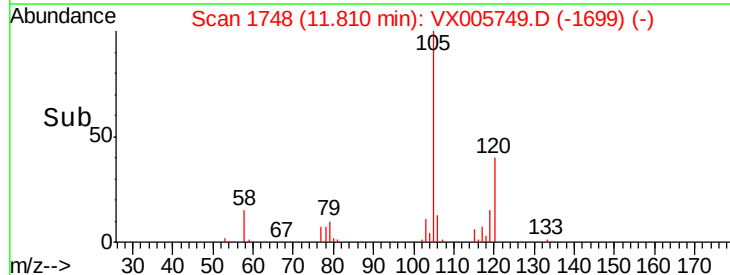
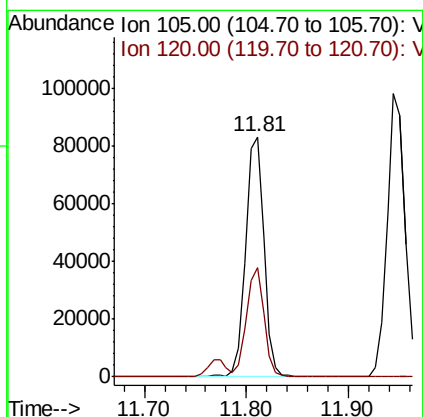
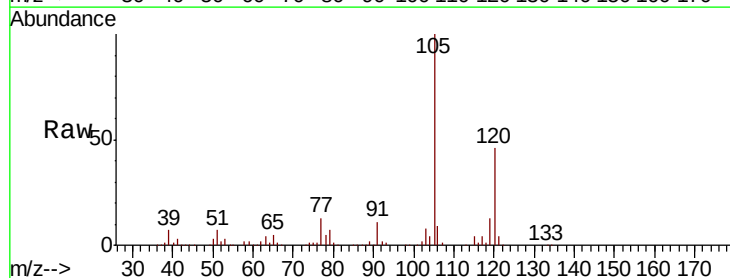
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

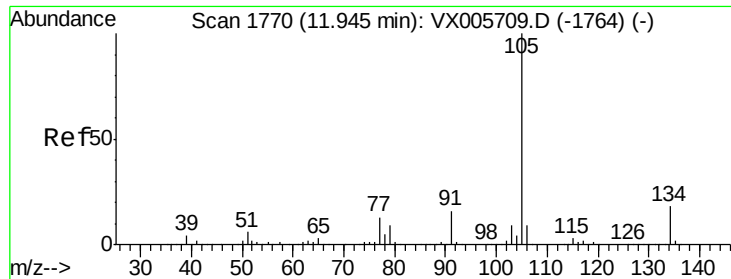
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.4	28.5	85.5
134	22.2	11.3	33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.787 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.4	67.0





#85

sec-Butylbenzene

Concen: 20.081 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

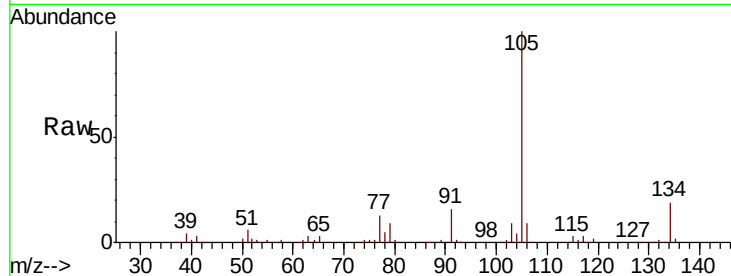
VX1102WBSD01

Tot Ion:105 Resp: 121859

Ion Ratio Lower Upper

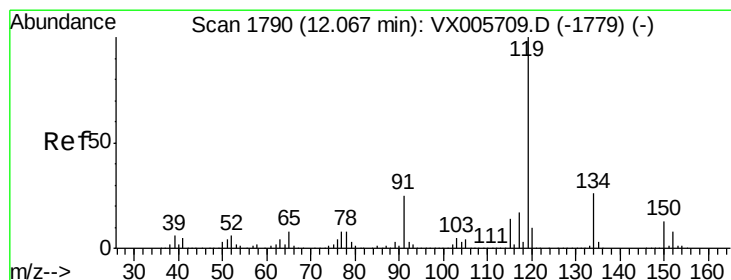
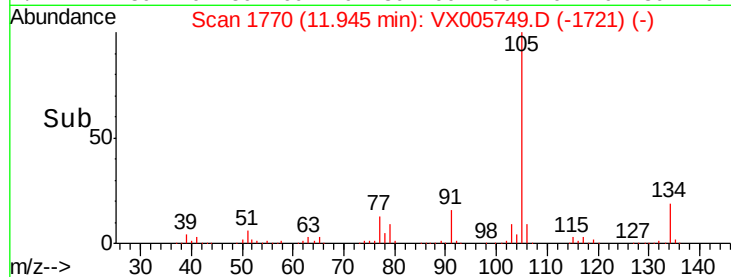
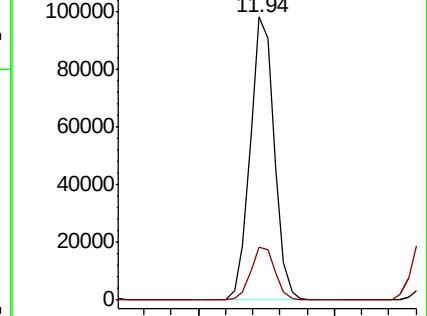
105 100

134 18.8 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.935 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

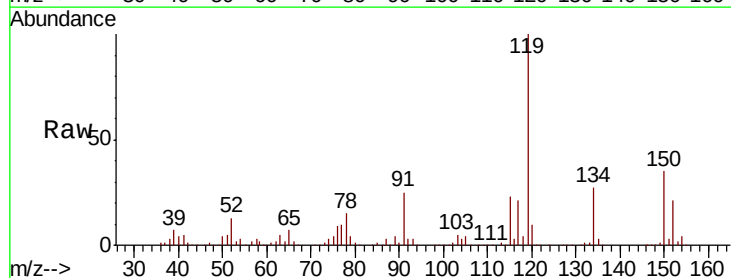
Tgt Ion:119 Resp: 102887

Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

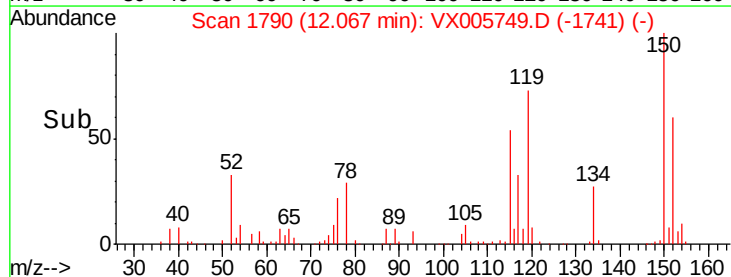
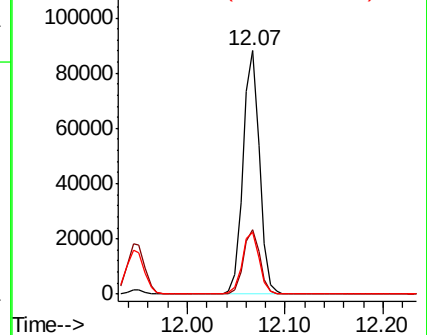
91 26.1 11.4 34.2

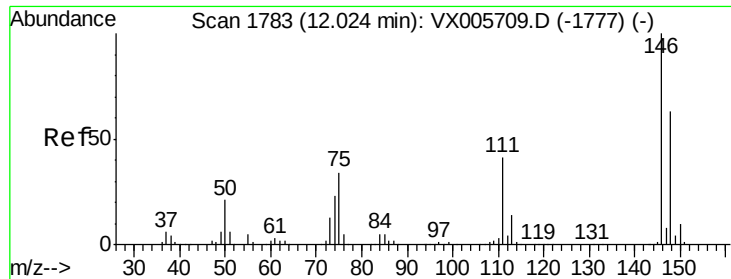


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

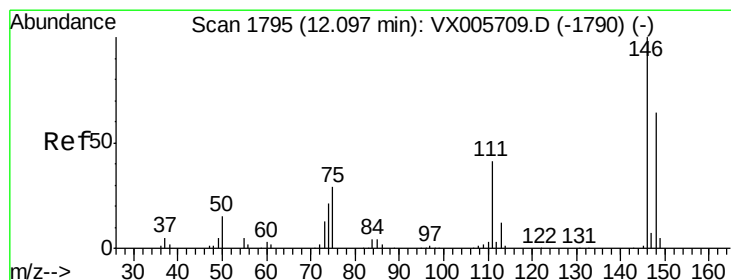
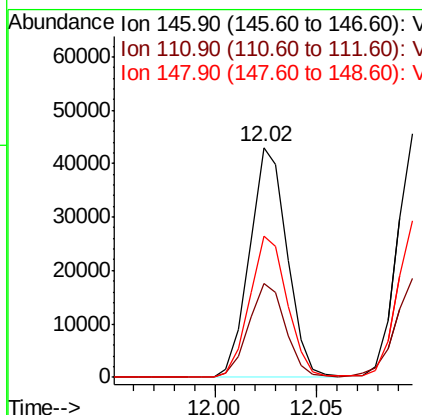
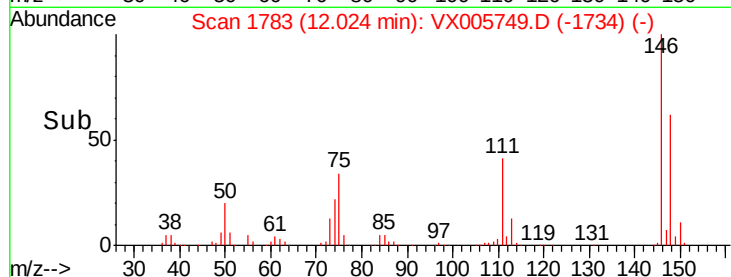
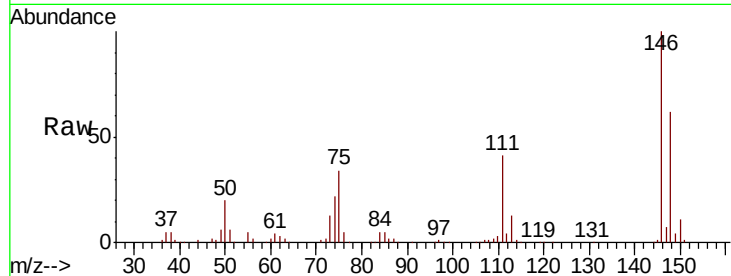




#87
 1,3-Dichlorobenzene
 Concen: 19.647 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

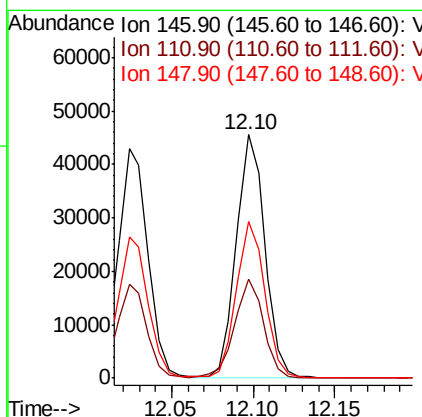
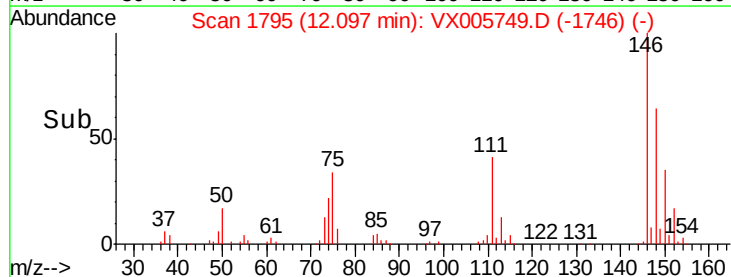
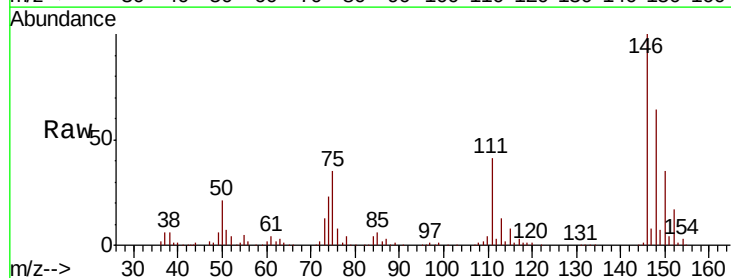
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

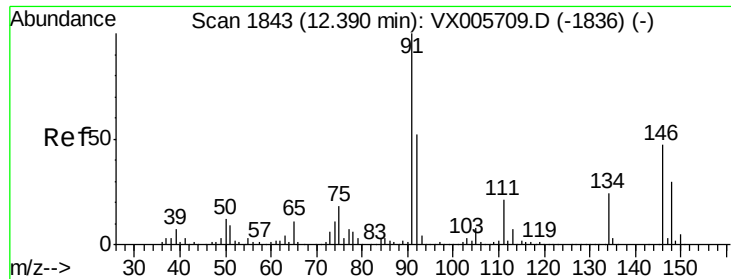
Tot Ion:146 Resp: 55027
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.0 57.0
 148 61.8 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 18.561 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion:146 Resp: 55849
 Ion Ratio Lower Upper
 146 100
 111 41.4 18.6 55.8
 148 64.0 32.1 96.3





#89

n-Butylbenzene

Concen: 18.351 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleID :

VX1102WBSD01

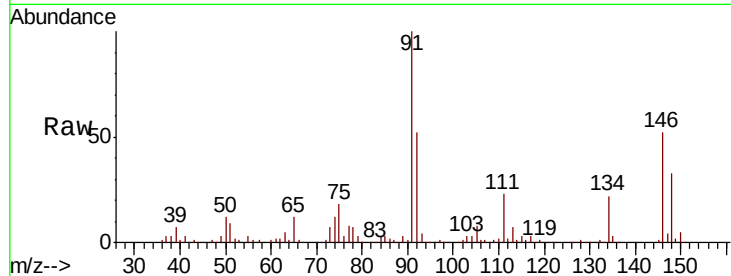
Tot Ion: 91 Resp: 95556

Ion Ratio Lower Upper

91 100

92 50.9 26.1 78.2

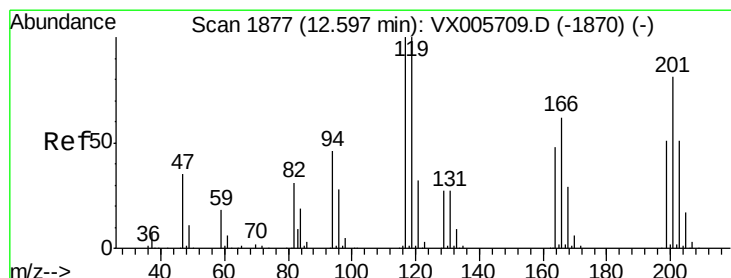
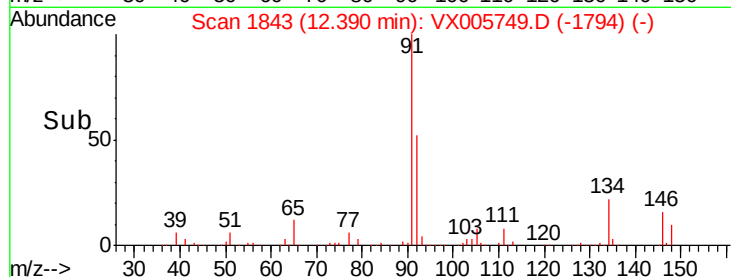
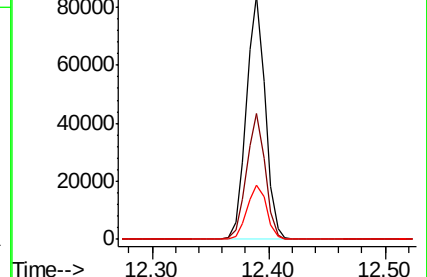
134 23.1 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX005709.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX005709.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX005709.D (-1836) (-)



#90

Hexachloroethane

Concen: 19.018 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005749.D

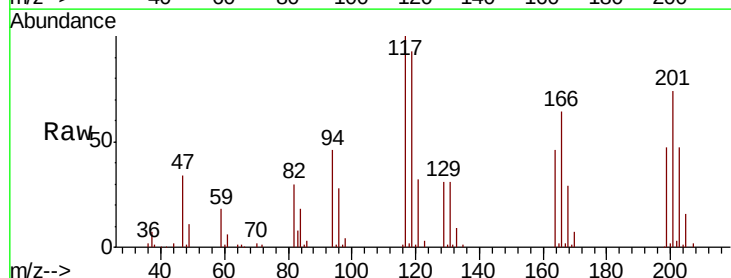
Acq: 02 Nov 2018 12:00

Tgt Ion: 117 Resp: 17414

Ion Ratio Lower Upper

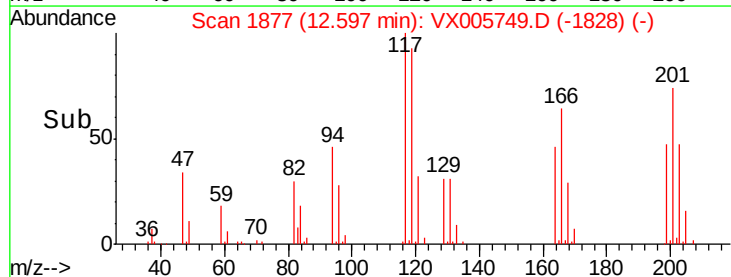
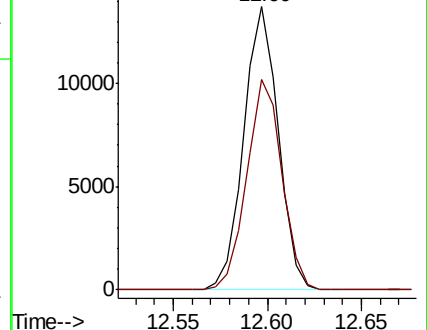
117 100

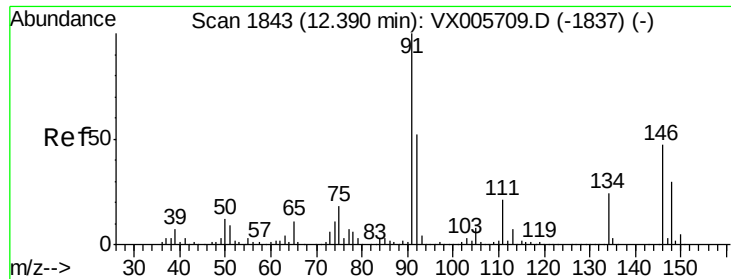
201 75.6 47.9 143.6



Abundance Ion 116.80 (116.50 to 117.50): VX005709.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX005709.D (-1870) (-)





#91

1,2-Dichlorobenzene

Concen: 19.093 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBSD01

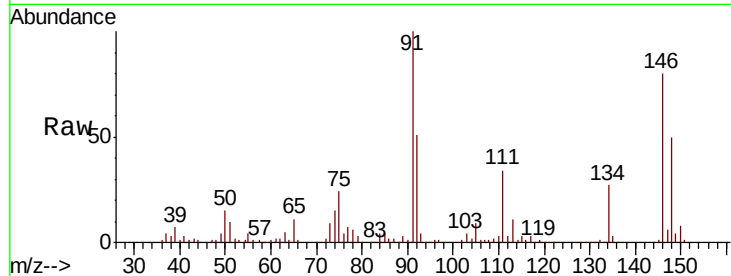
Tot Ion:146 Resp: 55868

Ion Ratio Lower Upper

146 100

111 42.6 20.0 59.9

148 62.8 32.2 96.6

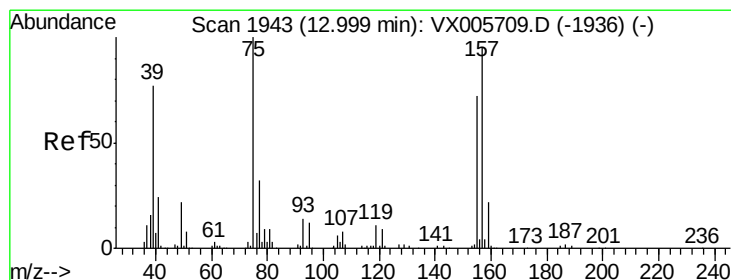
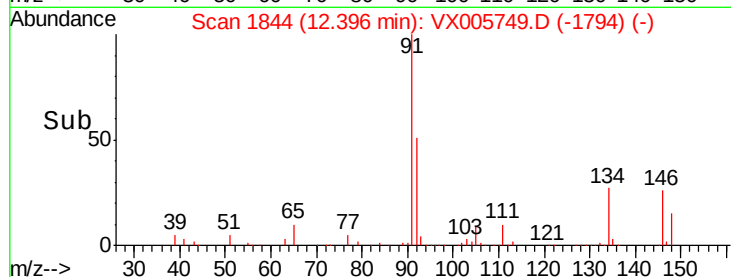
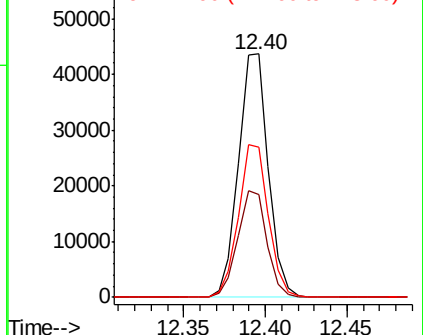


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.449 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

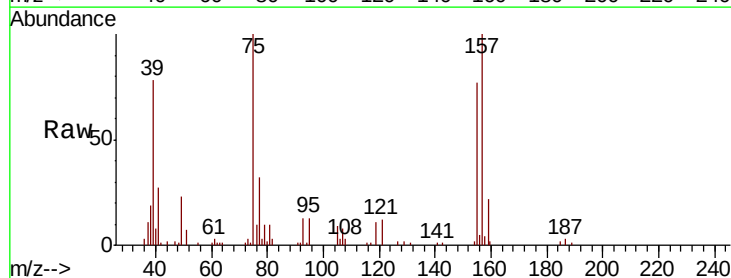
Tgt Ion: 75 Resp: 11051

Ion Ratio Lower Upper

75 100

155 78.4 45.4 136.1

157 102.6 57.4 172.0

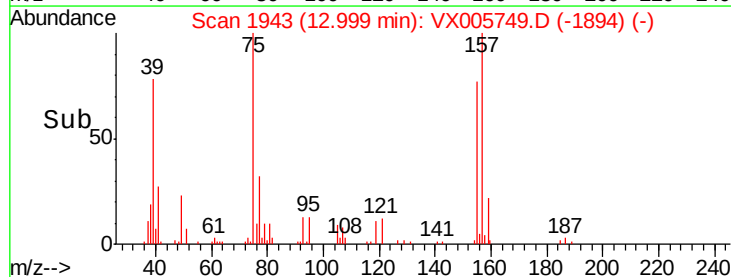
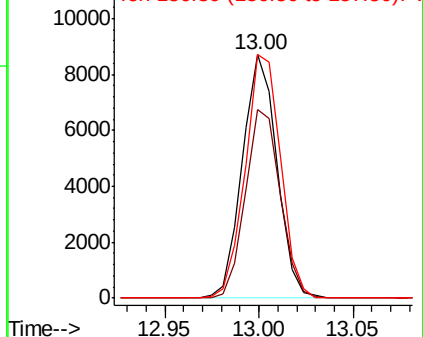


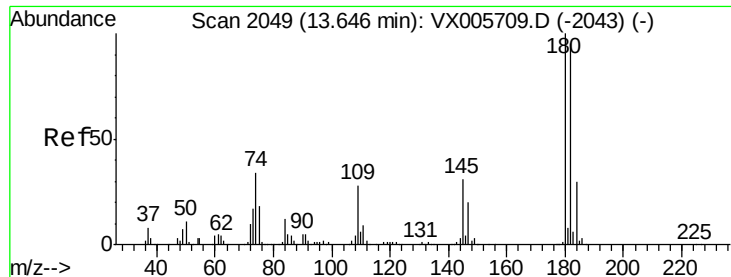
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

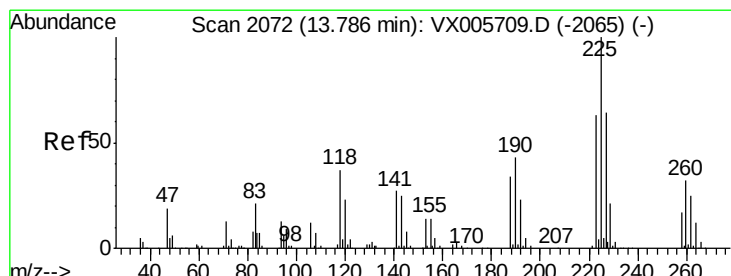
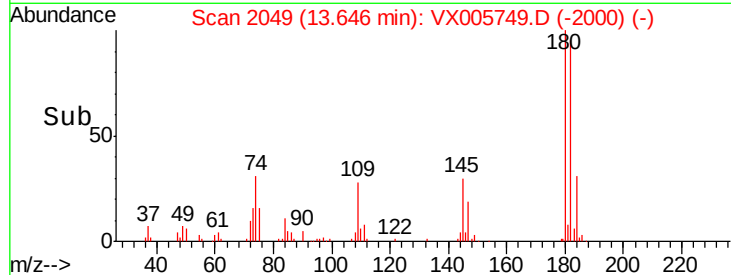
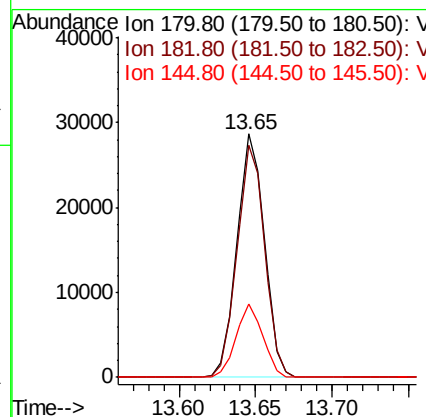
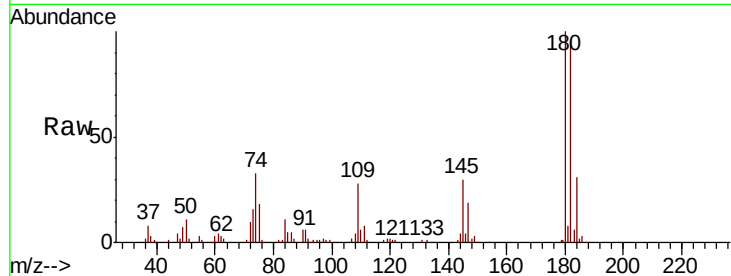




#93
 1,2,4-Trichlorobenzene
 Concen: 19.008 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

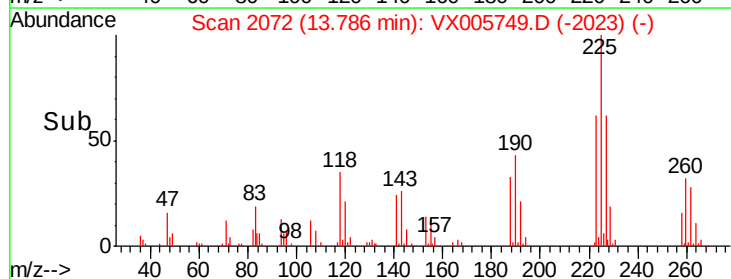
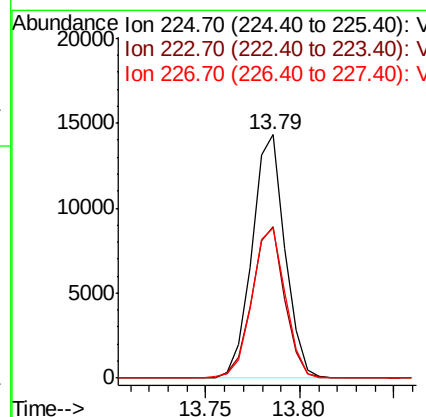
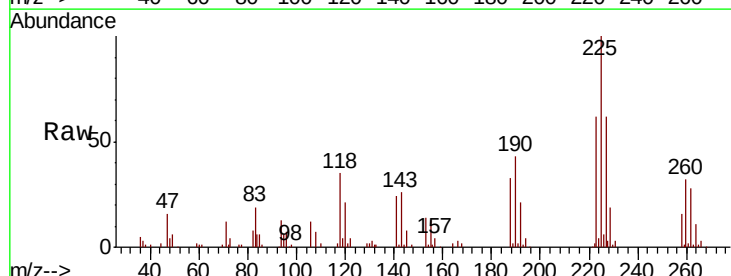
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

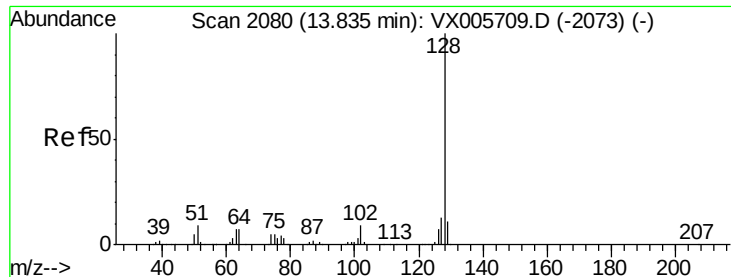
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.6	142.8
145	29.3	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 19.089 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	31.7	95.1
227	62.5	32.3	96.9





#95

Naphthalene

Concen: 19.928 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBSD01

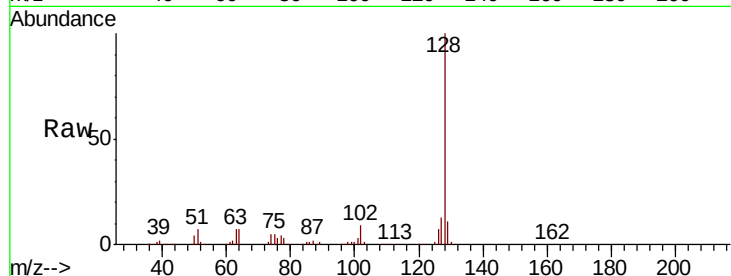
Tot Ion:128 Resp: 122995

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

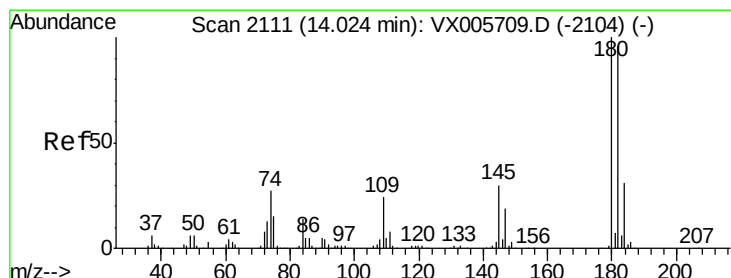
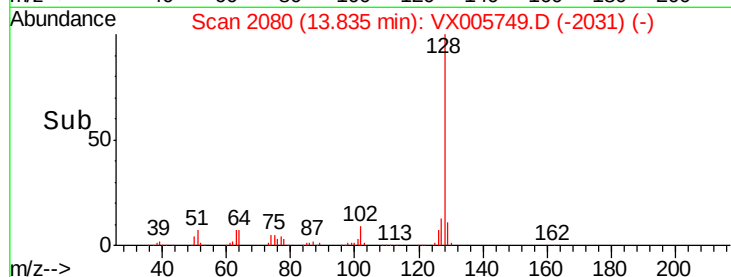
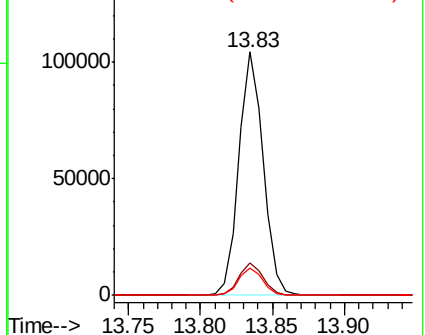
129 11.1 8.7 13.1



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: 19.701 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

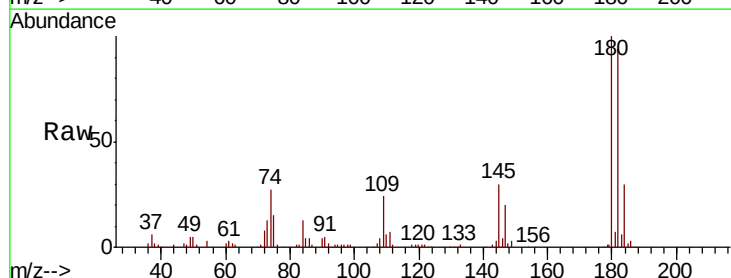
Tgt Ion:180 Resp: 37641

Ion Ratio Lower Upper

180 100

182 96.6 48.0 144.2

145 31.2 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

