

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\
 Data File : VX005654.D
 Acq On : 29 Oct 2018 12:25
 Operator : JC/MD
 Sample : VX1029WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS01

Quant Time: Oct 30 01:57:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	240757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	318903	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169431	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	124270	42.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.56%	
35) Dibromofluoromethane	5.51	113	101721	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
50) Toluene-d8	8.71	98	372274	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.14	95	139997	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56786	23.896	ug/l	91
3) Chloromethane	1.32	50	54959	18.160	ug/l	99
4) Vinyl Chloride	1.41	62	56401	18.954	ug/l	97
5) Bromomethane	1.64	94	32056	17.312	ug/l	98
6) Chloroethane	1.71	64	32638	17.169	ug/l	97
7) Trichlorofluoromethane	1.93	101	76510	18.504	ug/l	92
8) Diethyl Ether	2.19	74	28750	17.423	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	43584	18.371	ug/l	99
10) Methyl Iodide	2.51	142	35032	16.094	ug/l	99
11) Tert butyl alcohol	3.07	59	72188	91.279	ug/l	100
12) 1,1-Dichloroethene	2.37	96	39422	17.443	ug/l	95
13) Acrolein	2.29	56	29543	73.232	ug/l	97
14) Allyl chloride	2.73	41	87734	17.394	ug/l	97
15) Acrylonitrile	3.15	53	152887	86.212	ug/l	99
16) Acetone	2.45	43	148893	95.877	ug/l	100
17) Carbon Disulfide	2.57	76	120645	17.512	ug/l	99
18) Methyl Acetate	2.78	43	72880	18.063	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	143706	17.826	ug/l	97
20) Methylene Chloride	2.85	84	46522	17.887	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	43034	17.440	ug/l	86
22) Diisopropyl ether	3.87	45	157371	17.867	ug/l #	95
23) Vinyl Acetate	3.82	43	720561	92.889	ug/l	99
24) 1,1-Dichloroethane	3.70	63	85242	17.800	ug/l	99
25) 2-Butanone	4.70	43	225922	95.534	ug/l	98
26) 2,2-Dichloropropane	4.57	77	67340	18.214	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	48194	18.117	ug/l	99
28) Bromochloromethane	5.01	49	40304	17.401	ug/l	93
29) Tetrahydrofuran	5.15	42	138804	90.192	ug/l	99
30) Chloroform	5.21	83	79536	17.756	ug/l	97
31) Cyclohexane	5.57	56	74269	18.745	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	75908	19.200	ug/l	94
36) 1,1-Dichloropropene	5.79	75	62314	20.135	ug/l	96
37) Ethyl Acetate	4.85	43	78469	19.869	ug/l	99
38) Carbon Tetrachloride	5.78	117	65834	20.197	ug/l	95

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

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 ClientSampleId :
 VX1029WBS01

Quant Time: Oct 30 01:57:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68174	19.949	ug/l	98
40) Benzene	6.14	78	179443	20.227	ug/l	98
41) Methacrylonitrile	5.05	41	43068	19.578	ug/l	99
42) 1,2-Dichloroethane	6.20	62	66133	19.623	ug/l	99
43) Isopropyl Acetate	6.46	43	112650	19.035	ug/l	95
44) Trichloroethene	7.21	130	47028	19.458	ug/l	100
45) 1,2-Dichloropropane	7.51	63	46539	19.512	ug/l	100
46) Dibromomethane	7.66	93	30762	19.969	ug/l	99
47) Bromodichloromethane	7.90	83	58319	19.506	ug/l	96
48) Methyl methacrylate	7.77	41	55911	19.393	ug/l	99
49) 1,4-Dioxane	7.75	88	25167	399.453	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	380027	95.550	ug/l	100
52) Toluene	8.79	92	107415	19.922	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	63318	19.595	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	70611	20.296	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	43955	19.336	ug/l	98
56) Ethyl methacrylate	9.18	69	64694	19.080	ug/l	99
57) 1,3-Dichloropropane	9.37	76	73827	19.194	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	179464	94.768	ug/l	99
59) 2-Hexanone	9.49	43	304746	97.181	ug/l	100
60) Dibromochloromethane	9.59	129	46593	19.645	ug/l	97
61) 1,2-Dibromoethane	9.67	107	46342	19.706	ug/l	100
64) Tetrachloroethene	9.34	164	47921	19.576	ug/l	98
65) Chlorobenzene	10.14	112	120471	19.185	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	44395	19.389	ug/l	100
67) Ethyl Benzene	10.25	91	203443	19.692	ug/l	99
68) m/p-Xylenes	10.36	106	157588	39.315	ug/l	99
69) o-Xylene	10.70	106	75179	19.936	ug/l	100
70) Styrene	10.71	104	124850	19.777	ug/l	99
71) Bromoform	10.86	173	38147	18.670	ug/l #	100
73) Isopropylbenzene	11.02	105	210713	20.345	ug/l	99
74) N-amyl acetate	10.90	43	95161	18.543	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	70867	18.547	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	84893	23.648	ug/l	85
77) Bromobenzene	11.26	156	56286	19.500	ug/l	99
78) n-propylbenzene	11.36	91	243786	20.585	ug/l	99
79) 2-Chlorotoluene	11.42	91	144493	19.678	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	181337	20.467	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20967	19.084	ug/l	97
82) 4-Chlorotoluene	11.51	91	170430	19.684	ug/l	99
83) tert-Butylbenzene	11.77	119	175202	19.838	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	185647	20.675	ug/l	100
85) sec-Butylbenzene	11.94	105	214036	20.310	ug/l	100
86) p-Isopropyltoluene	12.07	119	194933	20.692	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	105197	19.381	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	108026	19.067	ug/l	99
89) n-Butylbenzene	12.39	91	170434	20.040	ug/l	100
90) Hexachloroethane	12.60	117	31624	19.463	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	105358	19.186	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17568	19.015	ug/l	99

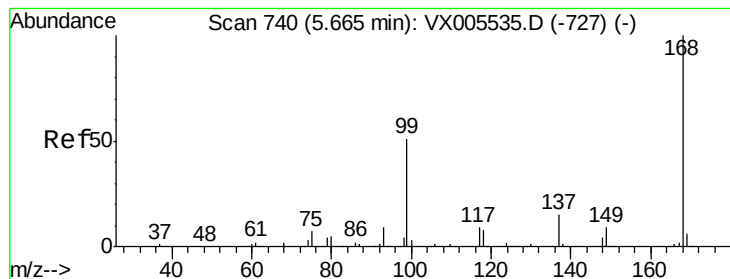
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102918\
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Quant Time: Oct 30 01:57:11 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	78983	19.841	ug/l	99
94) Hexachlorobutadiene	13.79	225	40470	19.618	ug/l	99
95) Naphthalene	13.83	128	230672	19.935	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	81166	20.114	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

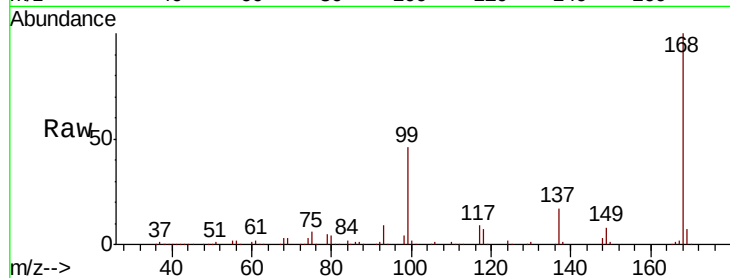
VX1029WBS01

Tot Ion:168 Resp: 240757

Ion Ratio Lower Upper

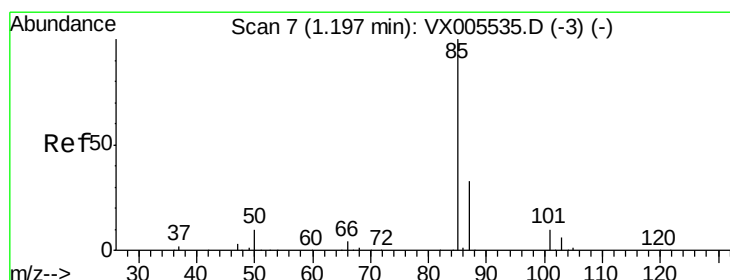
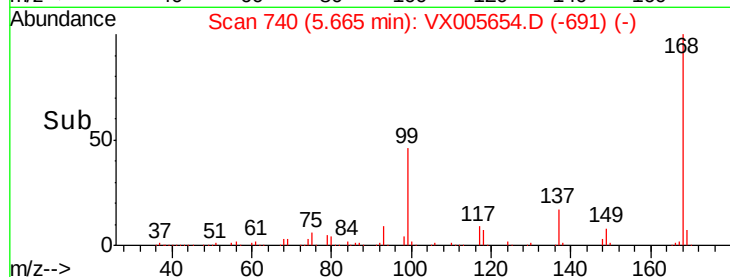
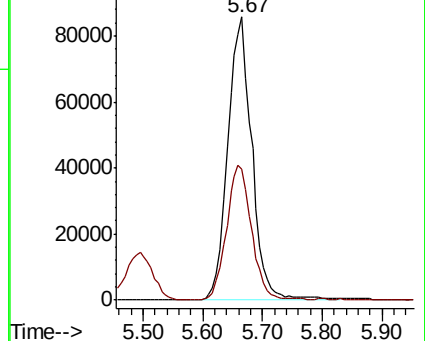
168 100

99 46.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 23.896 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005654.D

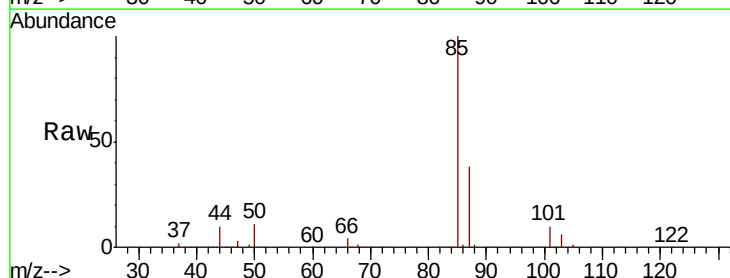
Acq: 29 Oct 2018 12:25

Tgt Ion: 85 Resp: 56786

Ion Ratio Lower Upper

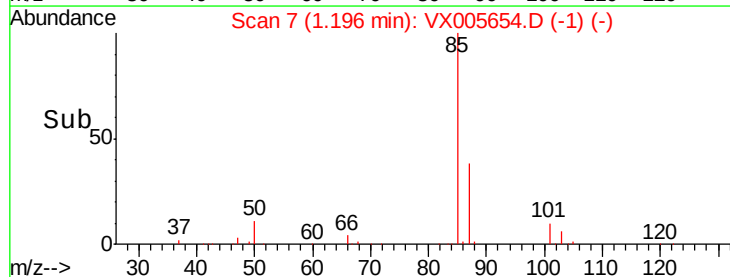
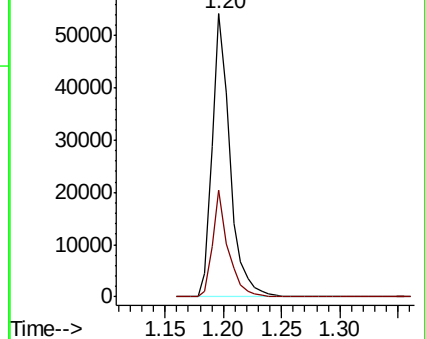
85 100

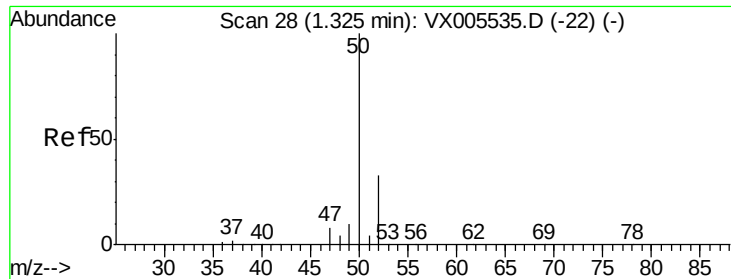
87 37.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.160 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

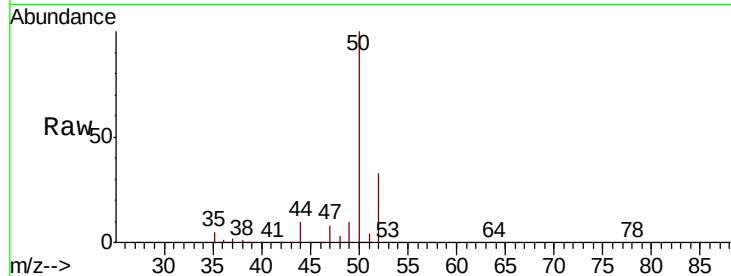
VX1029WBS01

Tot Ion: 50 Resp: 54959

Ion Ratio Lower Upper

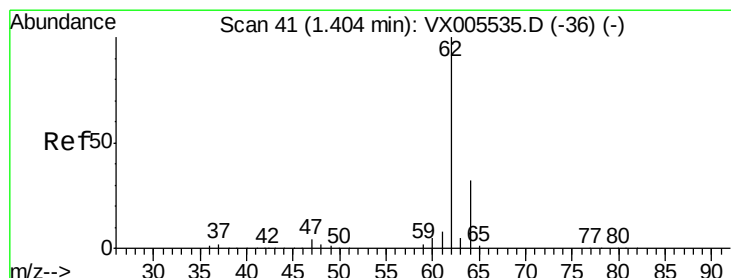
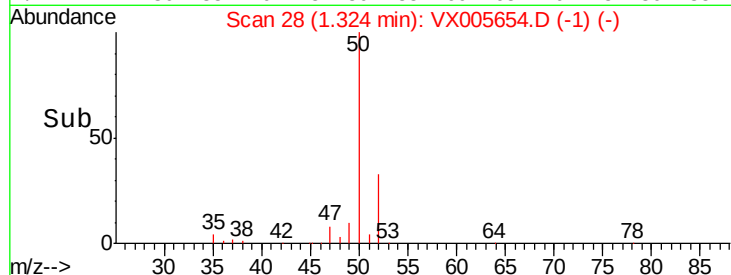
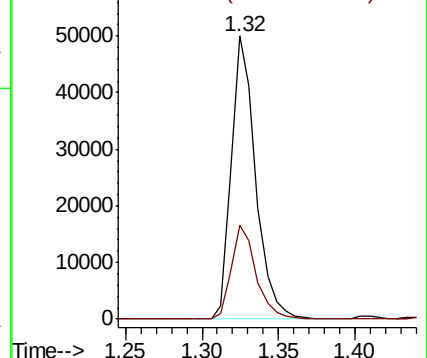
50 100

52 33.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.954 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005654.D

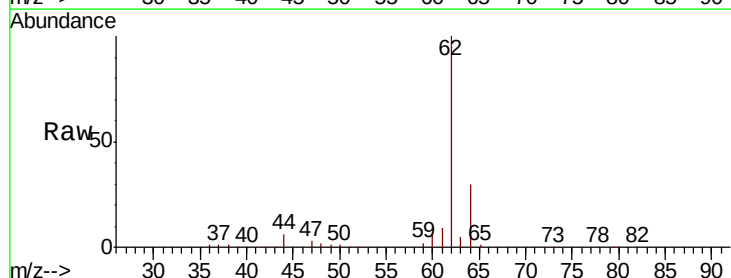
Acq: 29 Oct 2018 12:25

Tgt Ion: 62 Resp: 56401

Ion Ratio Lower Upper

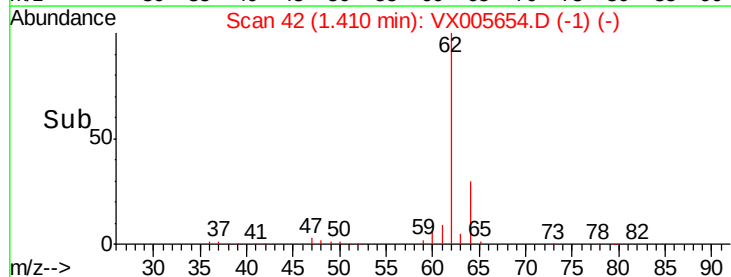
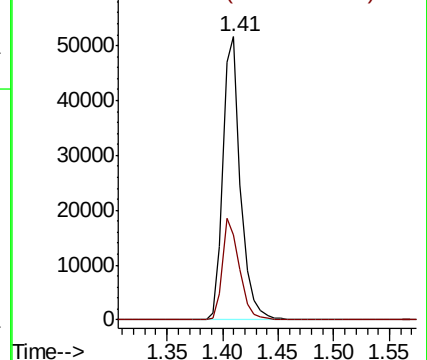
62 100

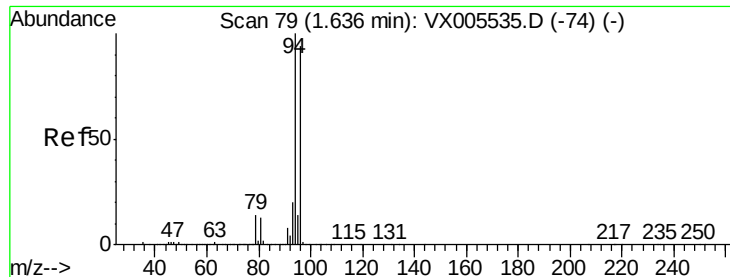
64 29.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.312 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

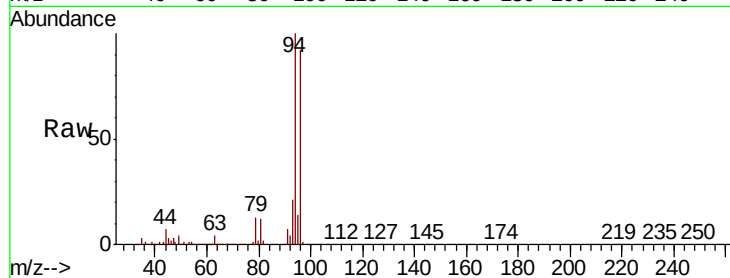
VX1029WBS01

Tot Ion: 94 Resp: 32056

Ion Ratio Lower Upper

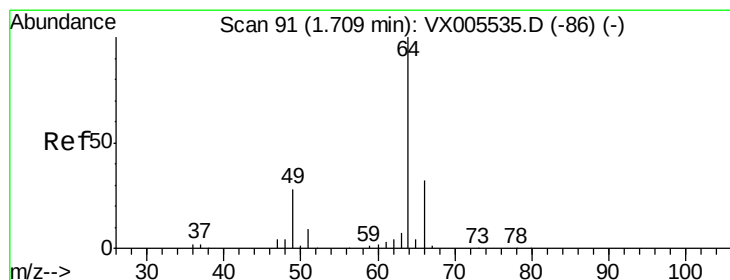
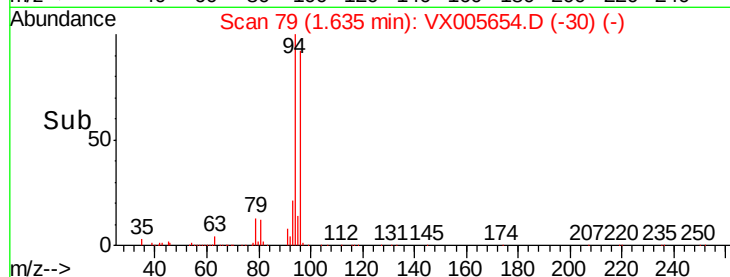
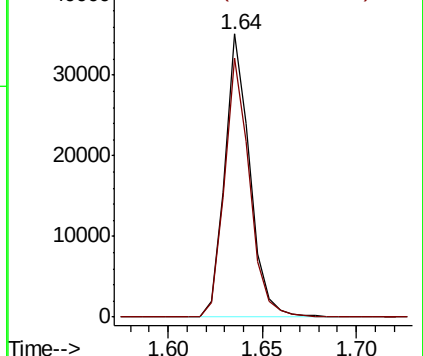
94 100

96 91.8 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: 17.169 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005654.D

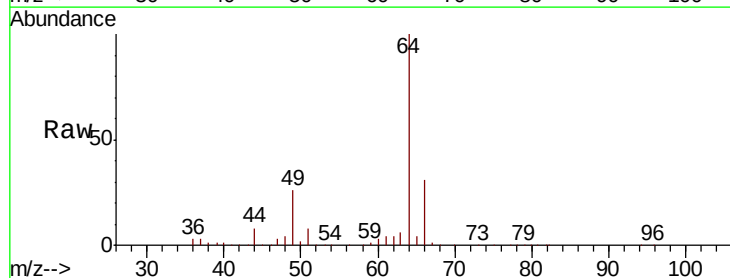
Acq: 29 Oct 2018 12:25

Tgt Ion: 64 Resp: 32638

Ion Ratio Lower Upper

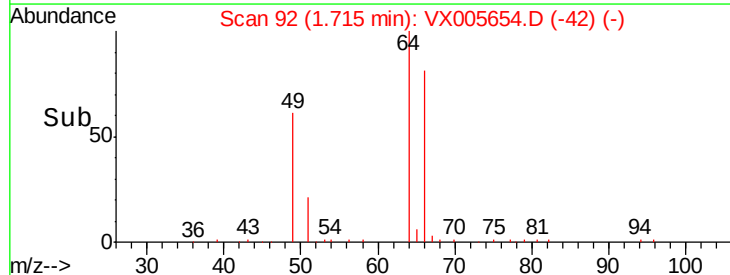
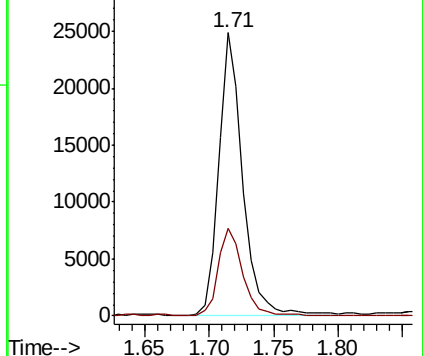
64 100

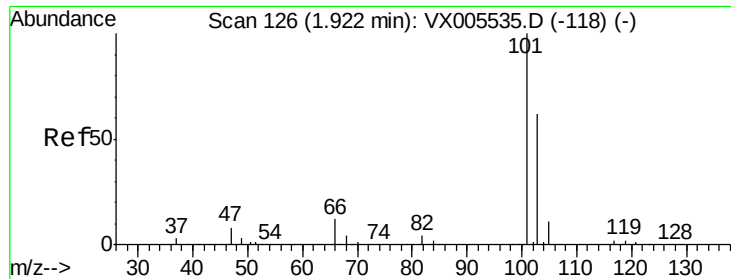
66 30.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



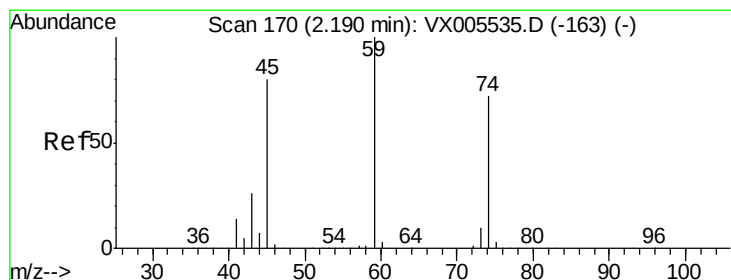
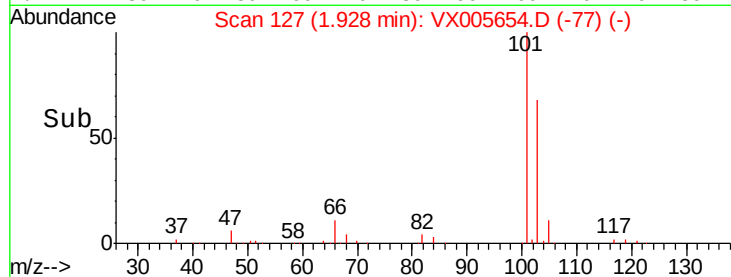
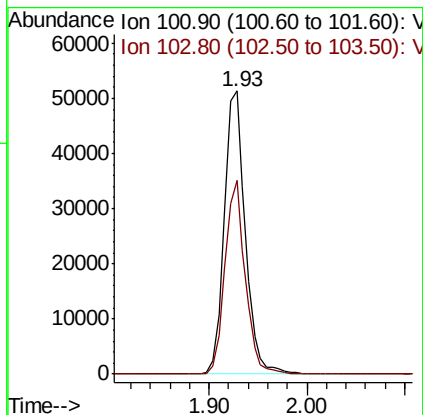
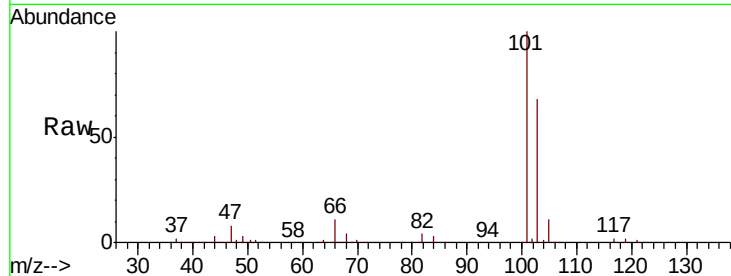


#7

Trichlorofluoromethane
Concen: 18.504 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

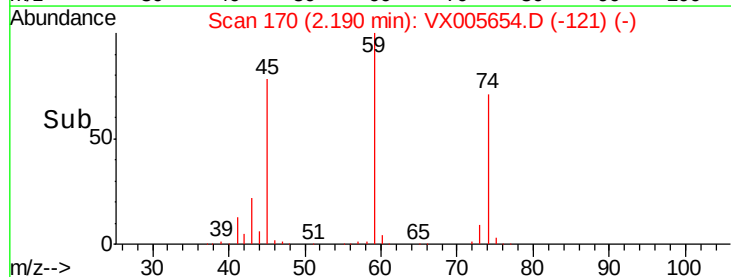
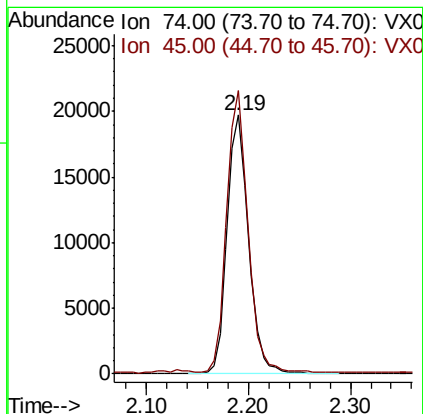
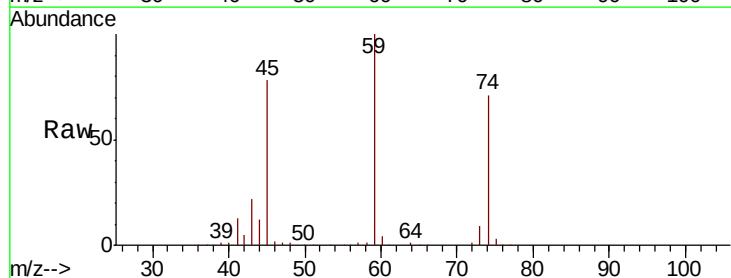
Tot Ion:101 Resp: 76510
Ion Ratio Lower Upper
101 100
103 68.4 50.0 75.0

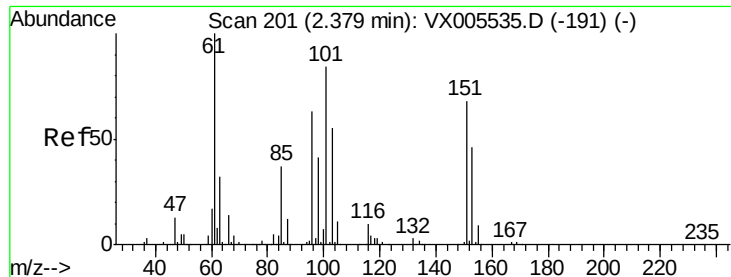


#8

Diethyl Ether
Concen: 17.423 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

Tgt Ion: 74 Resp: 28750
Ion Ratio Lower Upper
74 100
45 106.9 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.371 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBS01

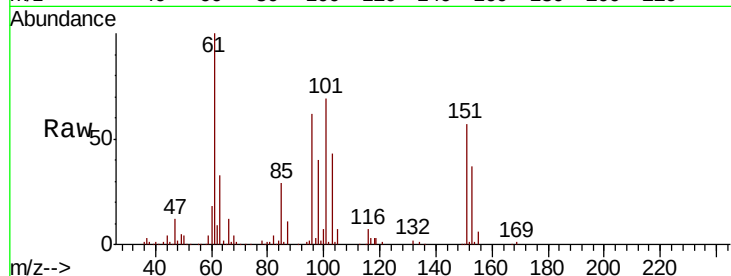
Tot Ion:101 Resp: 43584

Ion Ratio Lower Upper

101 100

85 43.3 35.0 52.4

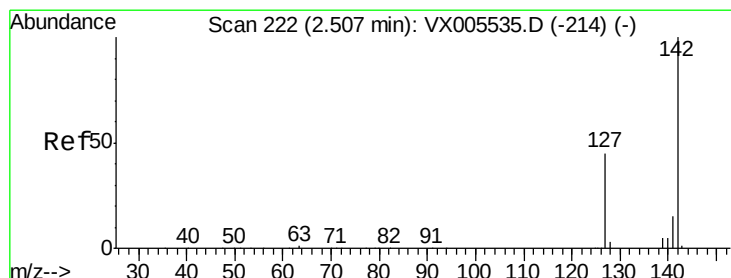
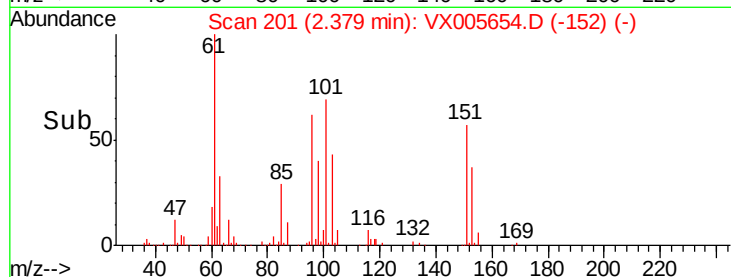
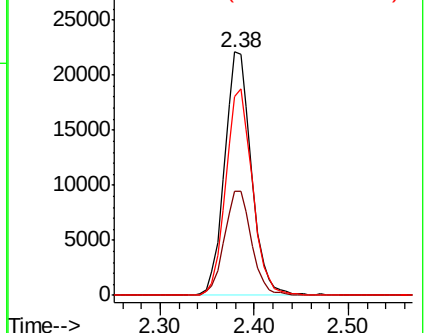
151 84.1 66.2 99.2



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: 16.094 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

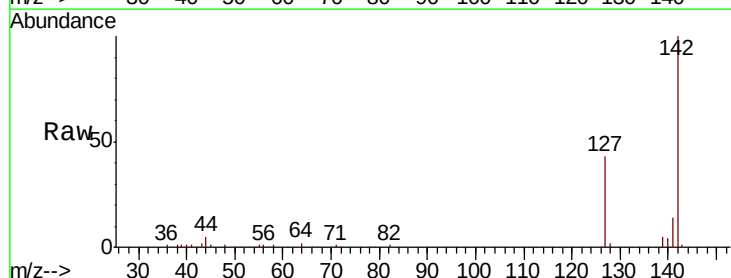
Tgt Ion:142 Resp: 35032

Ion Ratio Lower Upper

142 100

127 44.5 36.0 54.0

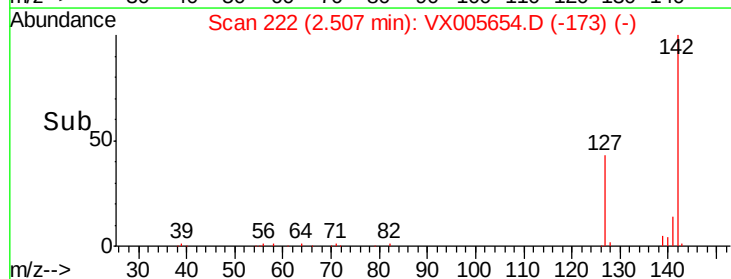
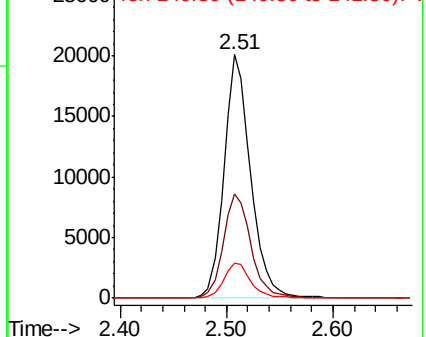
141 14.5 11.7 17.5

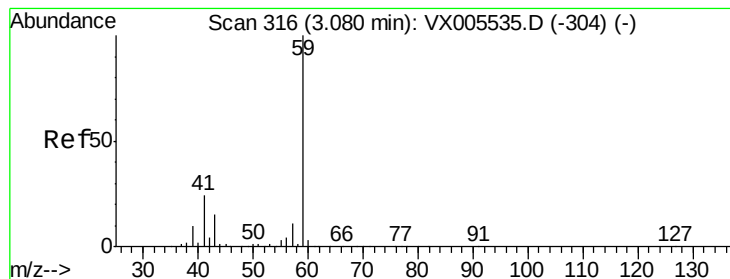


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 91.279 ug/l

RT: 3.07 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

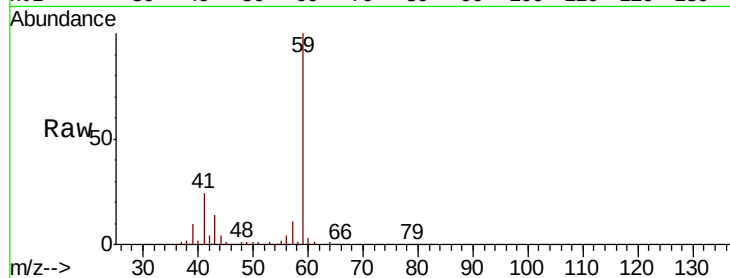
VX1029WBS01

Tot Ion: 59 Resp: 72188

Ion Ratio Lower Upper

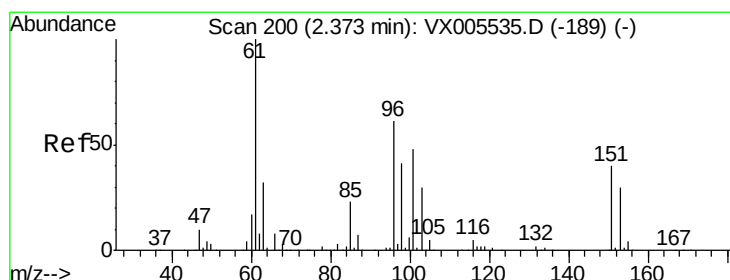
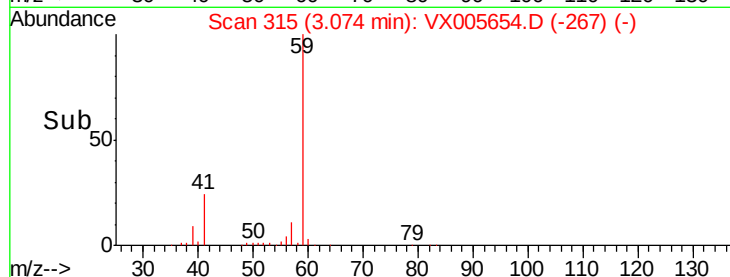
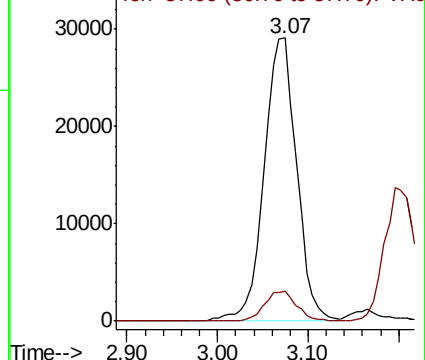
59 100

57 10.5 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 17.443 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

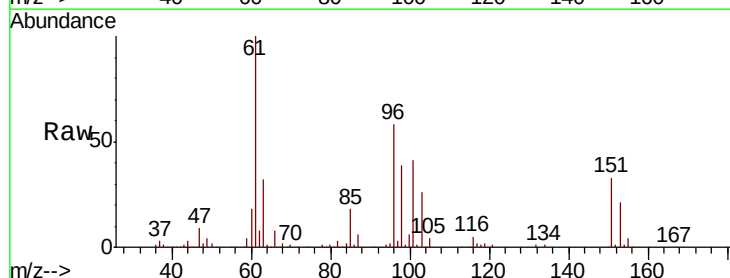
Tgt Ion: 96 Resp: 39422

Ion Ratio Lower Upper

96 100

61 173.9 131.8 197.8

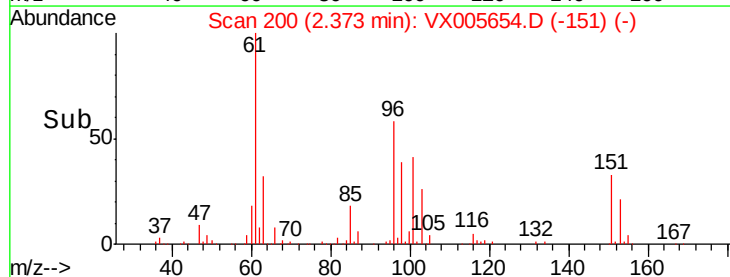
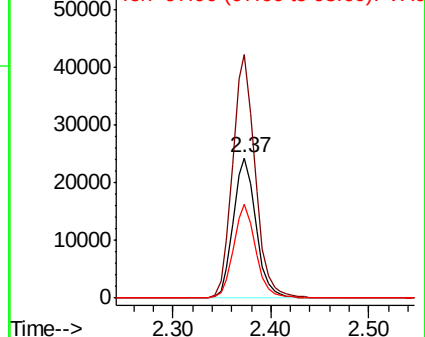
98 67.0 53.4 80.2

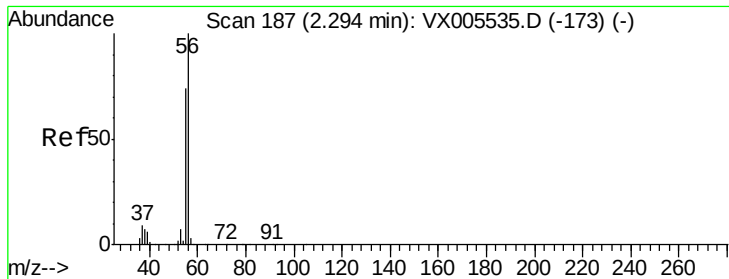


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 73.232 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

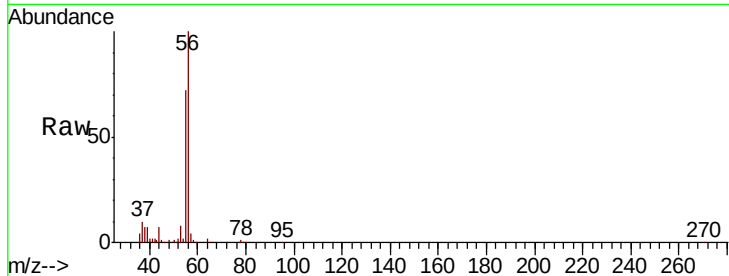
VX1029WBS01

Tot Ion: 56 Resp: 29543

Ion Ratio Lower Upper

56 100

55 74.5 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

20000

15000

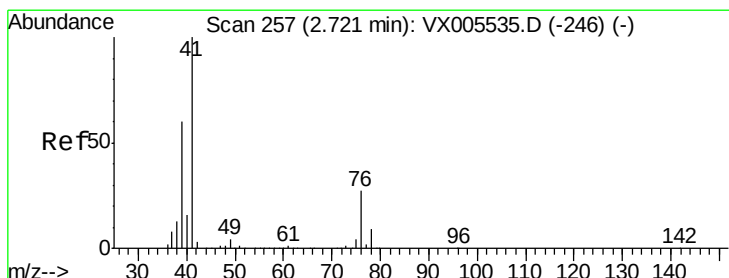
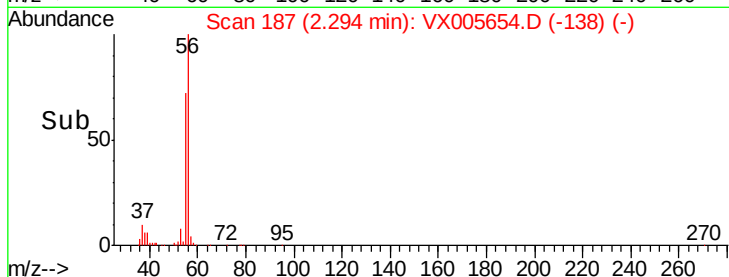
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 17.394 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

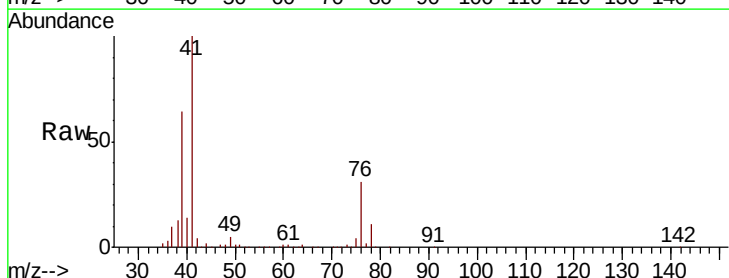
Tgt Ion: 41 Resp: 87734

Ion Ratio Lower Upper

41 100

39 62.2 48.2 72.4

76 29.6 21.9 32.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

50000

40000

30000

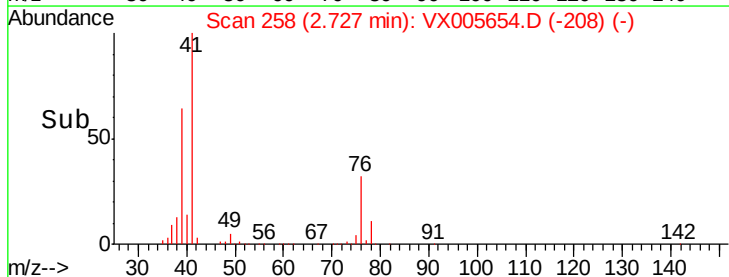
20000

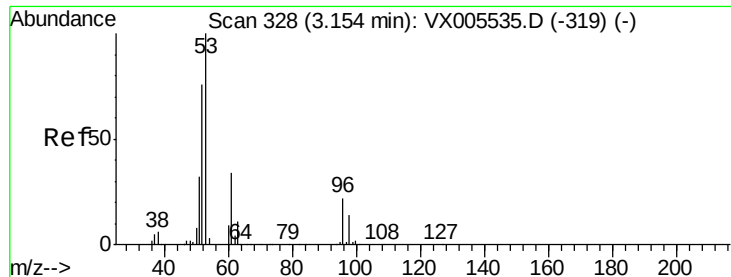
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 86.212 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

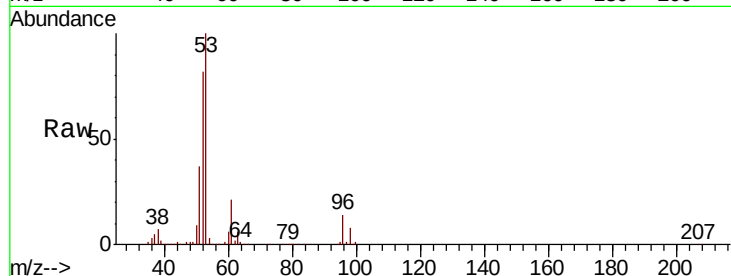
MSVOA_X

ClientSampleId :

VX1029WBS01

Tot Ion: 53 Resp: 152887

Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.6	99.8
51	36.9	28.4	42.6

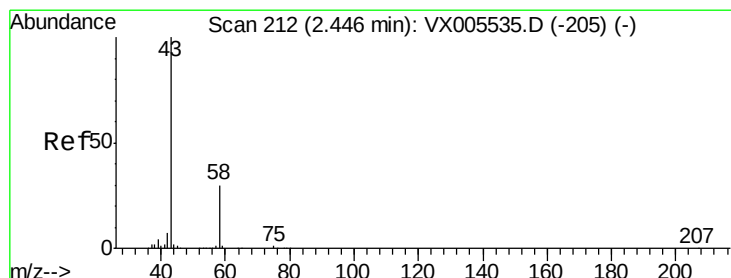
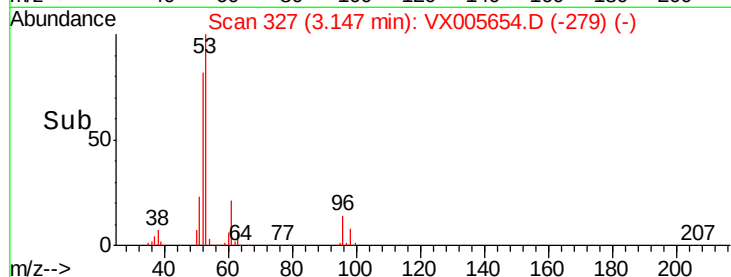
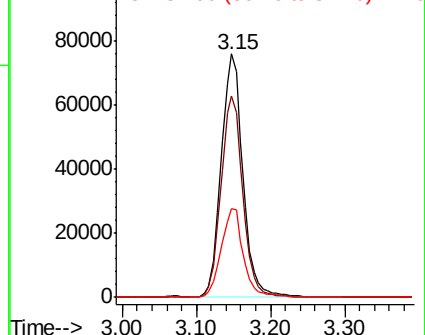


Abundance

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: 95.877 ug/l

RT: 2.45 min Scan# 212

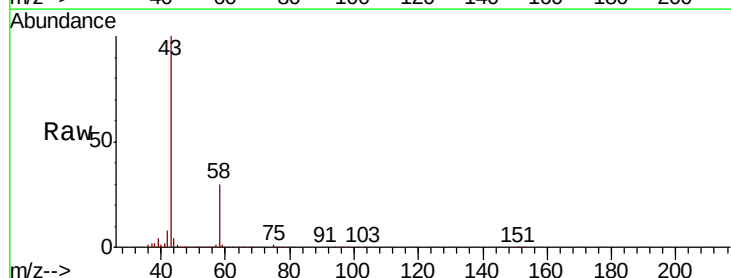
Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Tgt Ion: 43 Resp: 148893

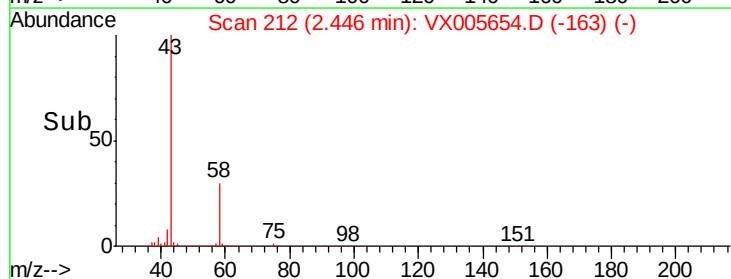
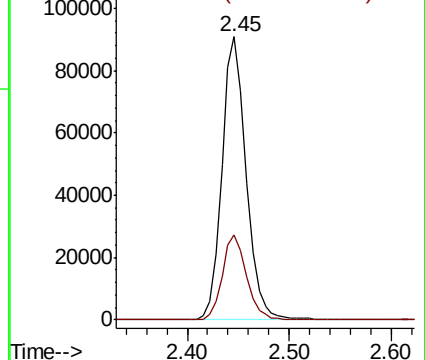
Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.8	35.6

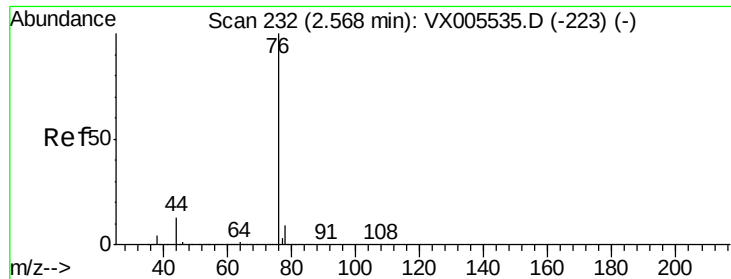


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.512 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

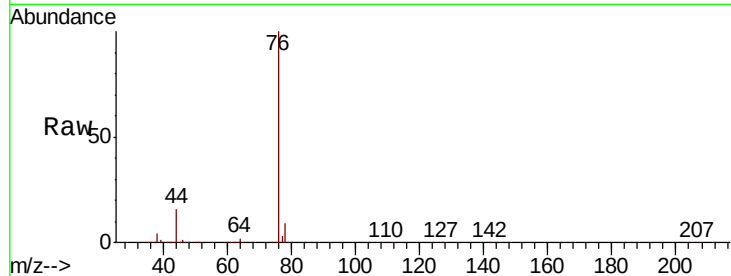
VX1029WBS01

Tot Ion: 76 Resp: 120645

Ion Ratio Lower Upper

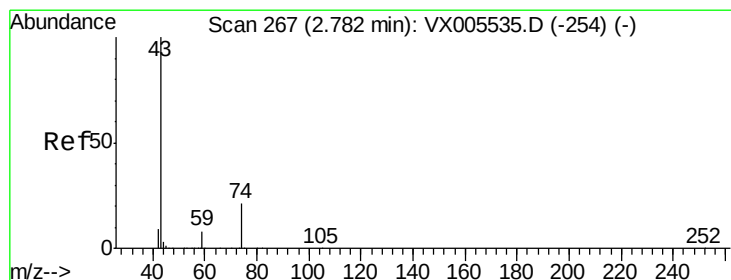
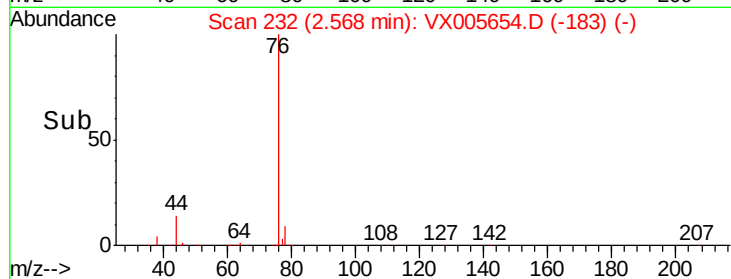
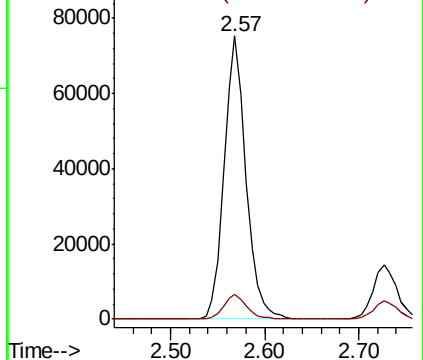
76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.063 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005654.D

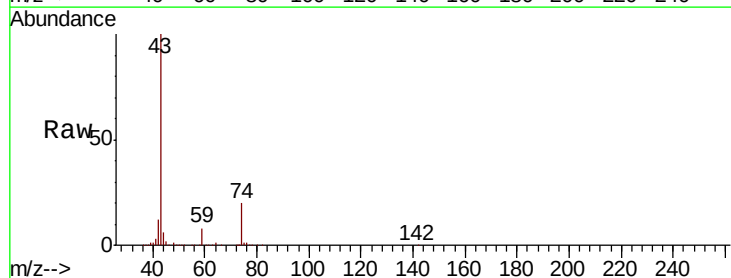
Acq: 29 Oct 2018 12:25

Tgt Ion: 43 Resp: 72880

Ion Ratio Lower Upper

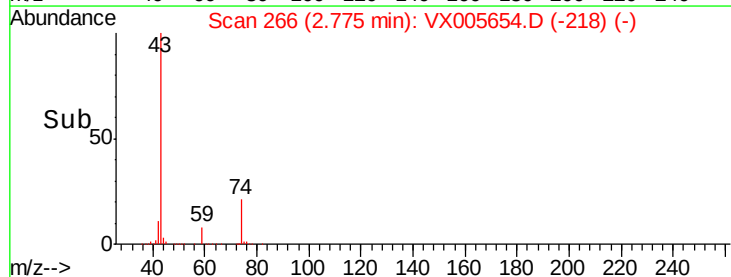
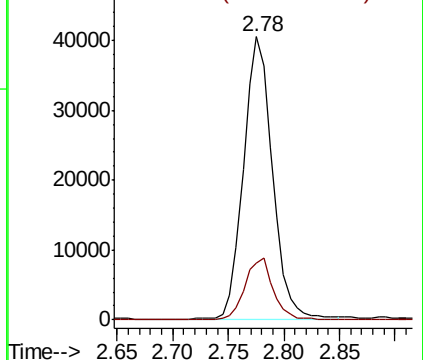
43 100

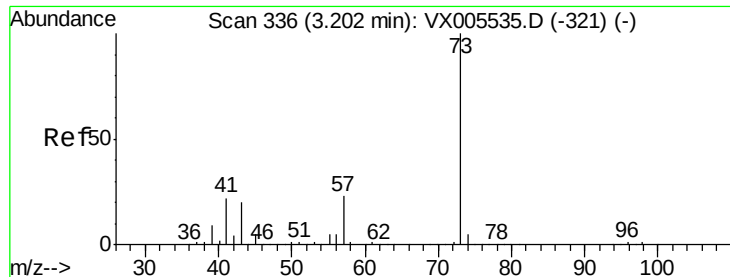
74 21.4 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

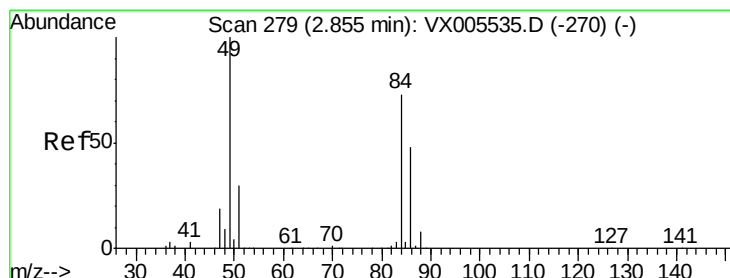
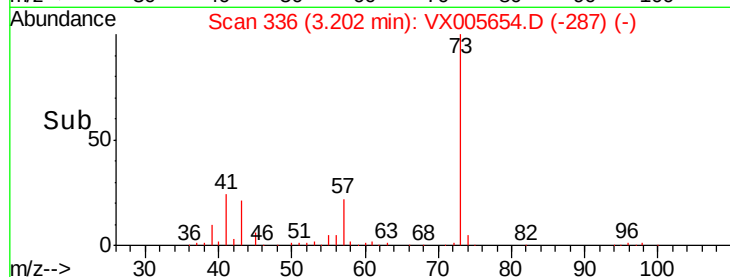
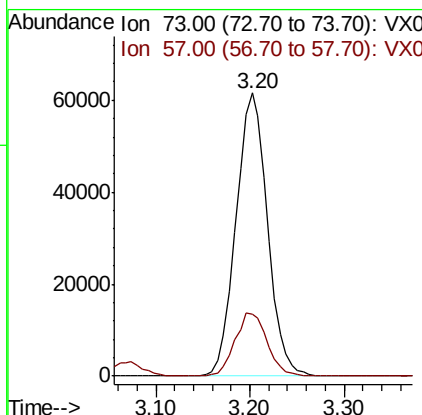
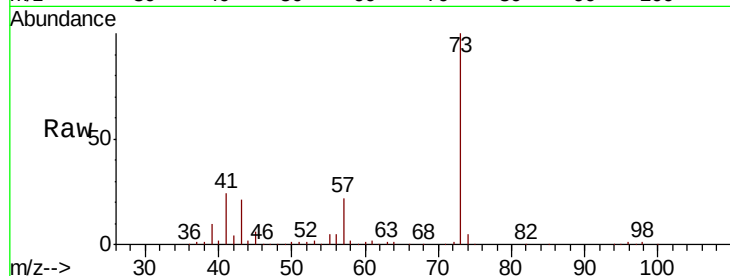




#19
Methyl tert-butyl Ether
Concen: 17.826 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

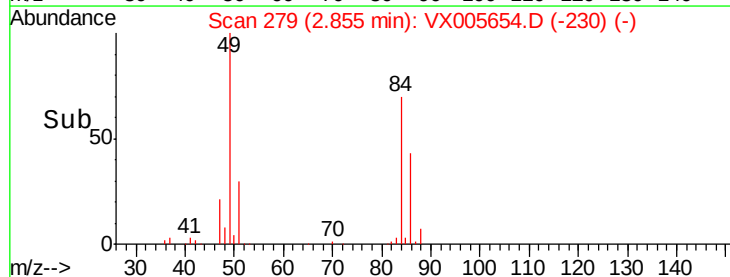
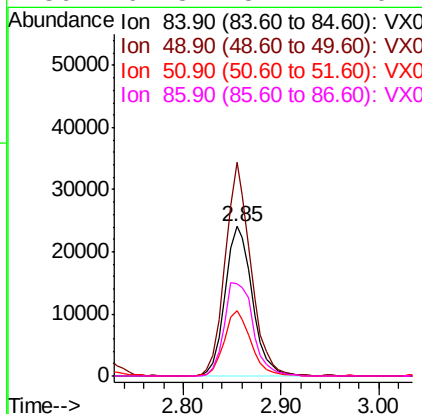
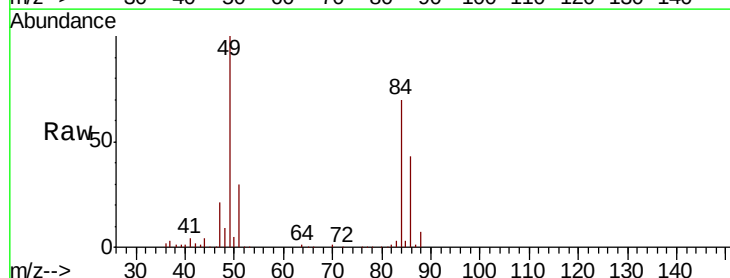
Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

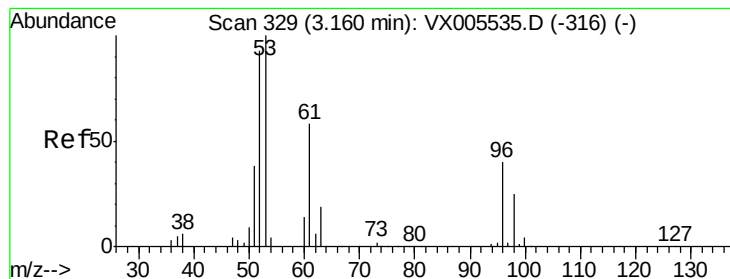
Tot Ion: 73 Resp: 143706
Ion Ratio Lower Upper
73 100
57 21.9 18.8 28.2



#20
Methylene Chloride
Concen: 17.887 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

Tgt Ion: 84 Resp: 46522
Ion Ratio Lower Upper
84 100
49 143.1 109.5 164.3
51 43.1 33.3 49.9
86 61.8 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 17.440 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBS01

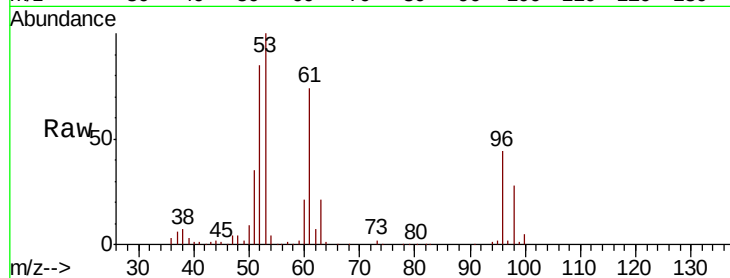
Tot Ion: 96 Resp: 43034

Ion Ratio Lower Upper

96 100

61 168.2 115.6 173.4

98 63.2 50.2 75.2

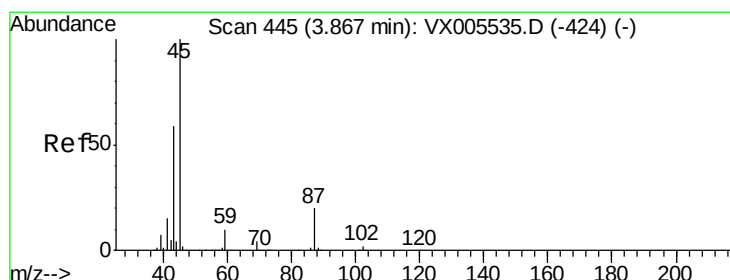
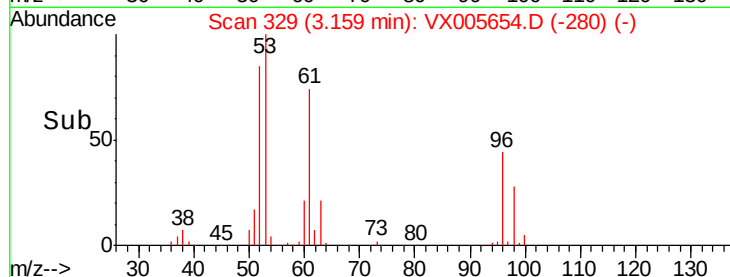
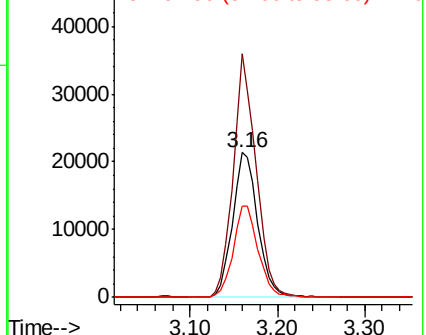


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.867 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Tgt Ion: 45 Resp: 157371

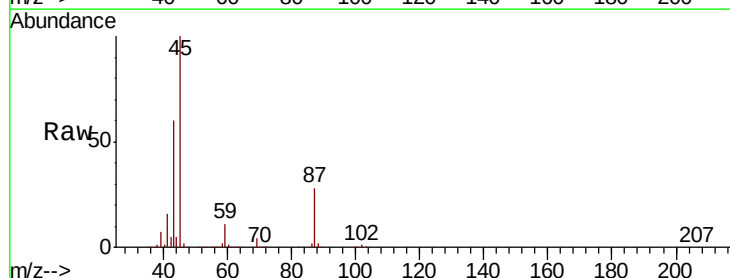
Ion Ratio Lower Upper

45 100

43 58.9 47.4 71.2

87 28.4 15.9 23.9#

59 10.5 7.7 11.5



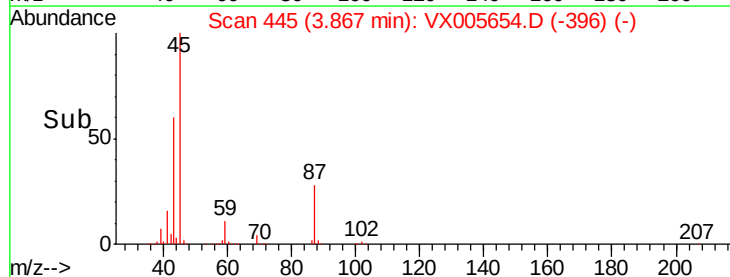
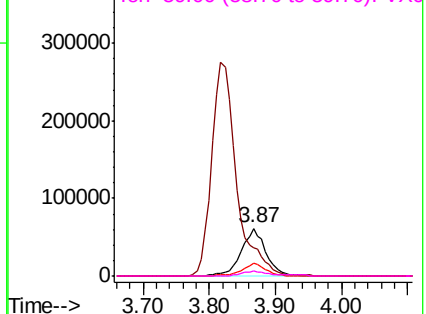
Abundance

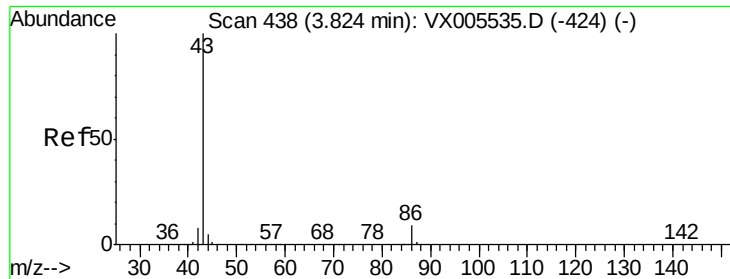
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 92.889 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

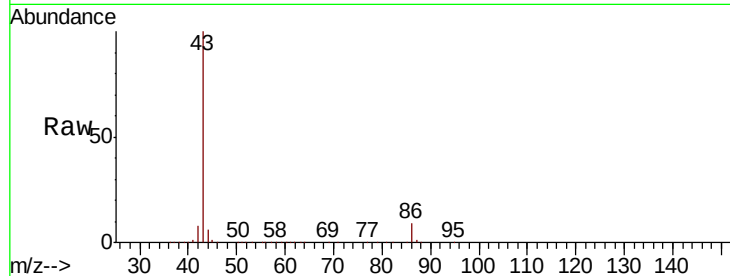
VX1029WBS01

Tot Ion: 43 Resp: 720561

Ion Ratio Lower Upper

43 100

86 8.8 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX005535.D (-424) (-)

Ion 86.00 (85.70 to 86.70): VX005535.D (-424) (-)

3.82

300000

250000

200000

150000

100000

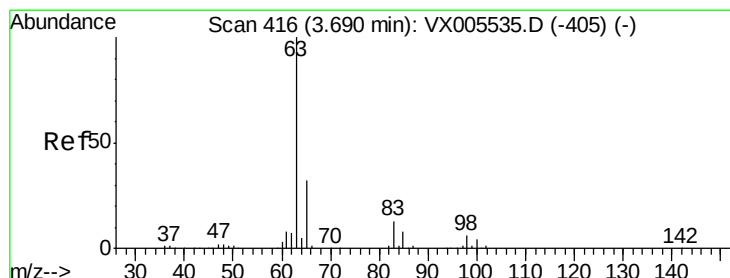
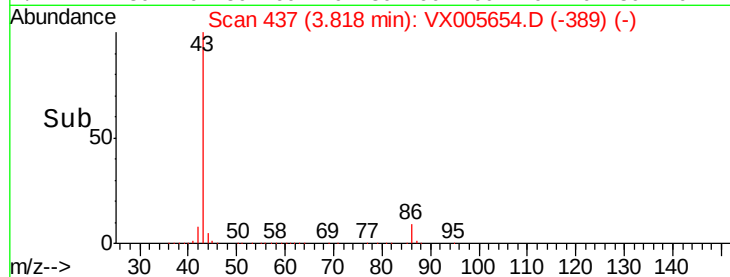
50000

0

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 17.800 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

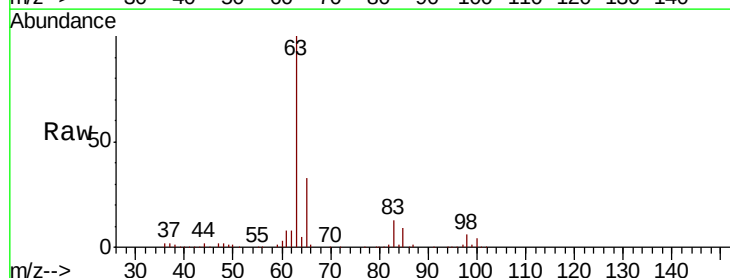
Tgt Ion: 63 Resp: 85242

Ion Ratio Lower Upper

63 100

98 5.8 3.2 9.6

100 4.0 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX005535.D (-405) (-)

Ion 97.90 (97.60 to 98.60): VX005535.D (-405) (-)

Ion 99.90 (99.60 to 100.60): VX005535.D (-405) (-)

3.70

50000

40000

30000

20000

10000

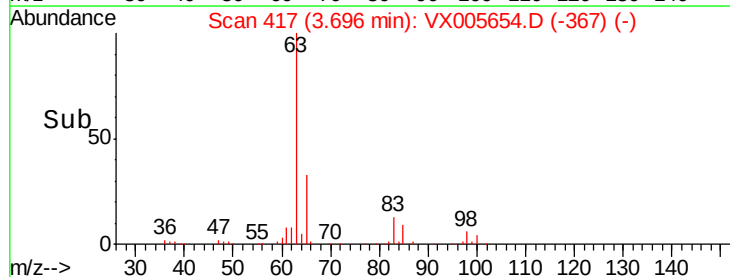
0

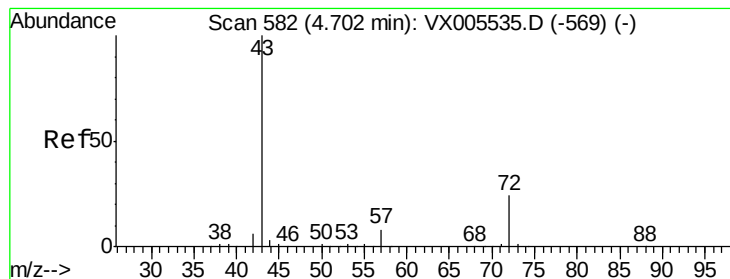
3.60

3.70

3.80

Time-->





#25

2-Butanone

Concen: 95.534 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

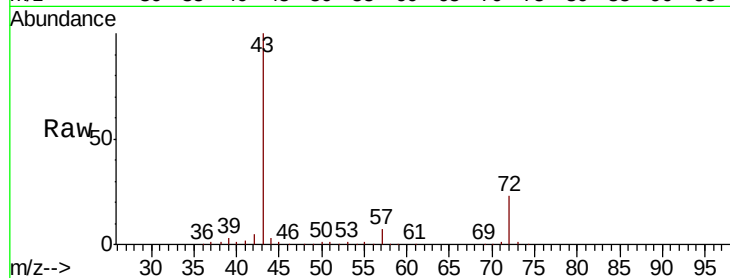
VX1029WBS01

Tot Ion: 43 Resp: 225922

Ion Ratio Lower Upper

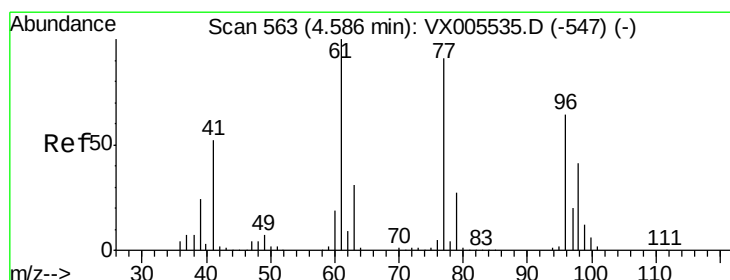
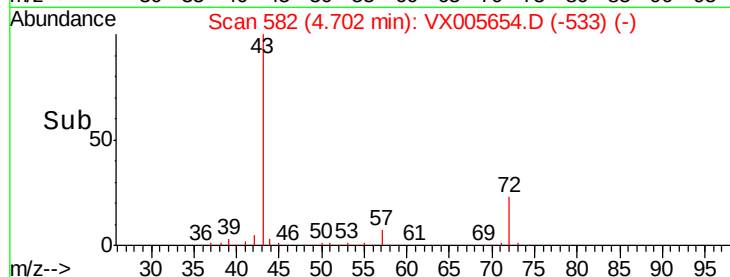
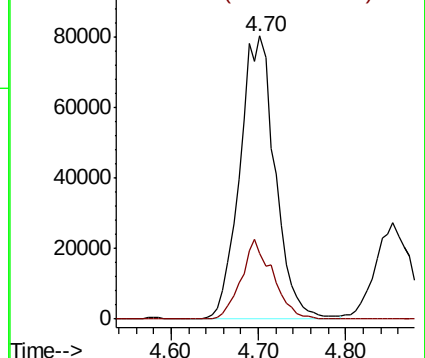
43 100

72 23.2 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: 18.214 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX005654.D

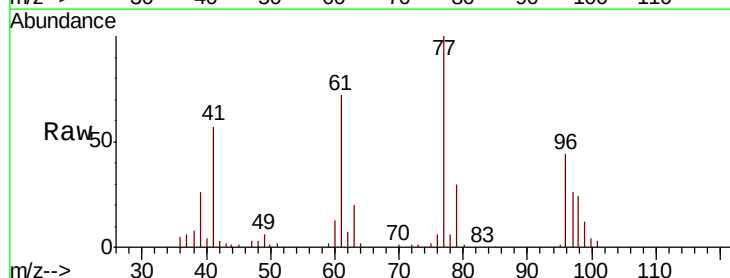
Acq: 29 Oct 2018 12:25

Tgt Ion: 77 Resp: 67340

Ion Ratio Lower Upper

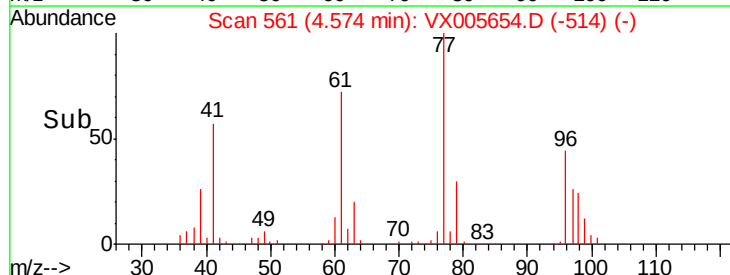
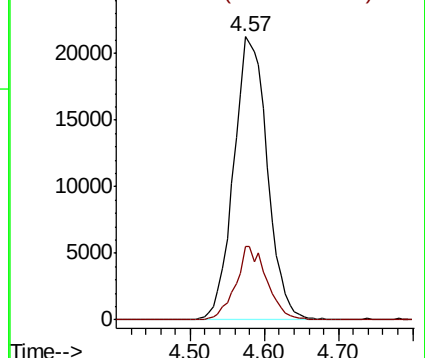
77 100

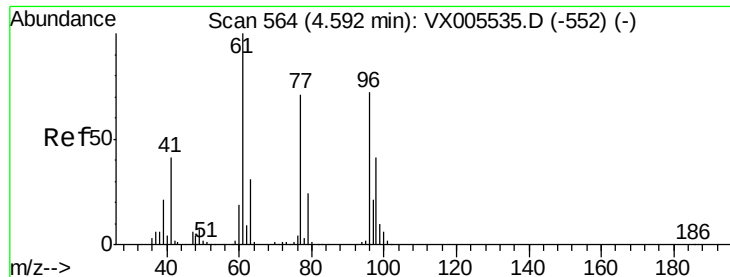
97 23.9 11.5 34.5



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: 18.117 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBS01

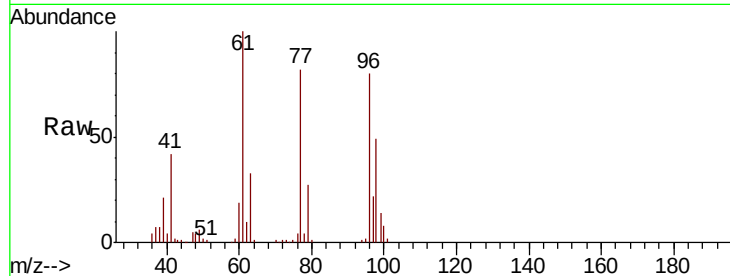
Tot Ion: 96 Resp: 48194

Ion Ratio Lower Upper

96 100

61 154.1 0.0 304.6

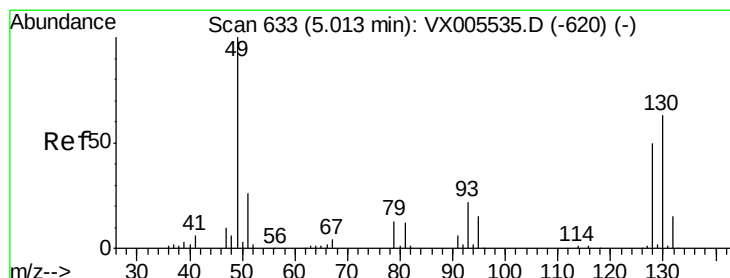
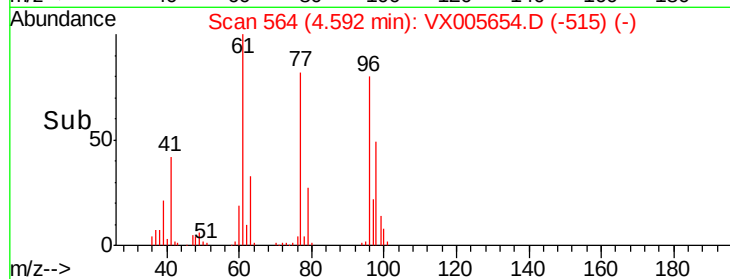
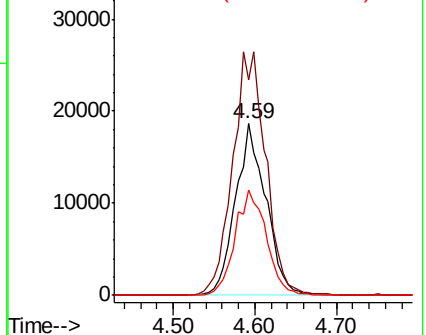
98 63.0 0.0 127.4



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: 17.401 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

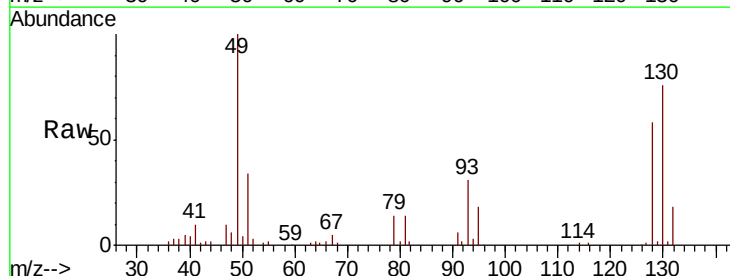
Tgt Ion: 49 Resp: 40304

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

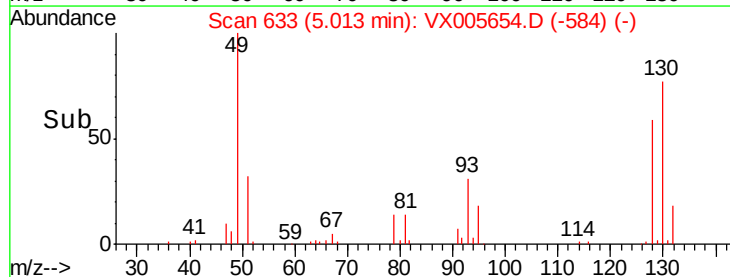
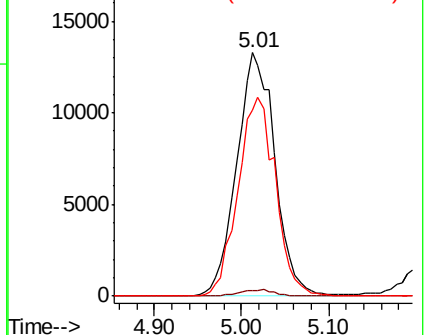
130 80.0 58.9 88.3

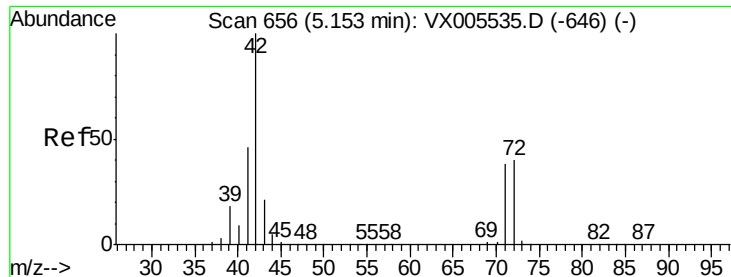


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 90.192 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampled :

VX1029WBS01

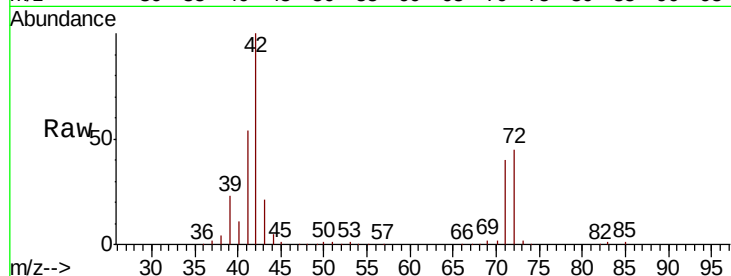
Tot Ion: 42 Resp: 138804

Ion Ratio Lower Upper

42 100

72 41.0 32.0 48.0

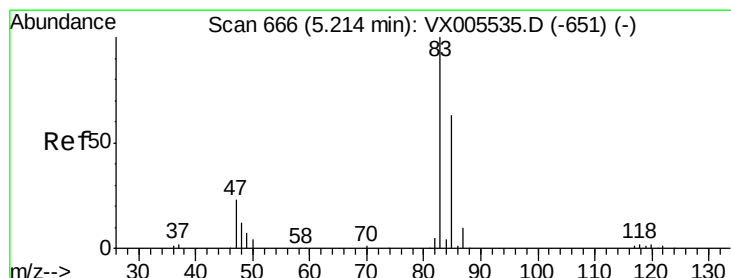
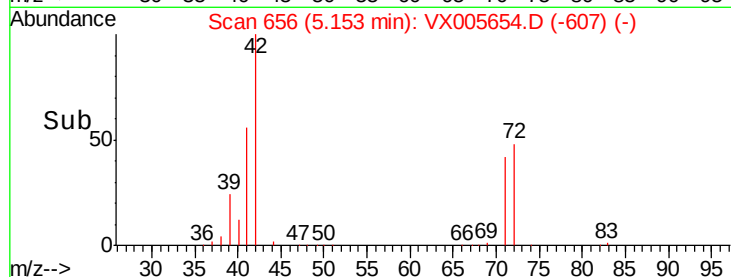
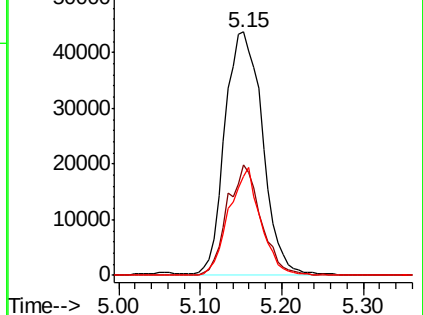
71 37.7 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.756 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005654.D

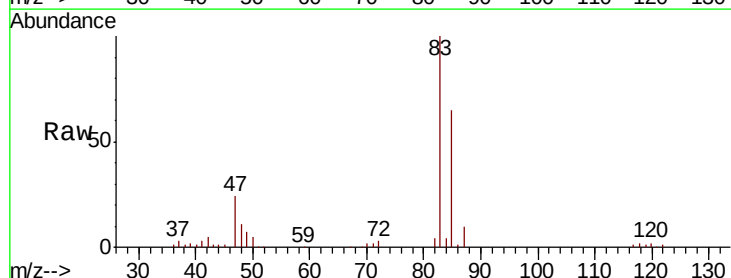
Acq: 29 Oct 2018 12:25

Tgt Ion: 83 Resp: 79536

Ion Ratio Lower Upper

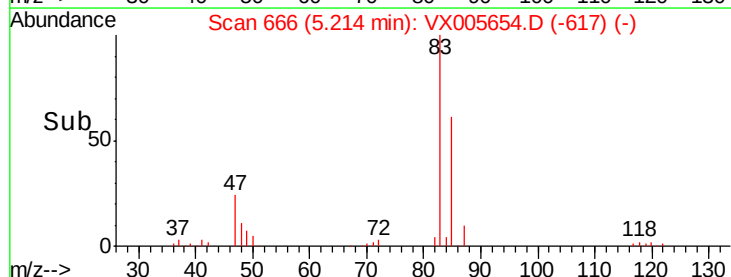
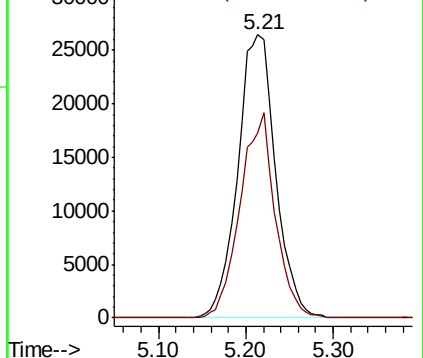
83 100

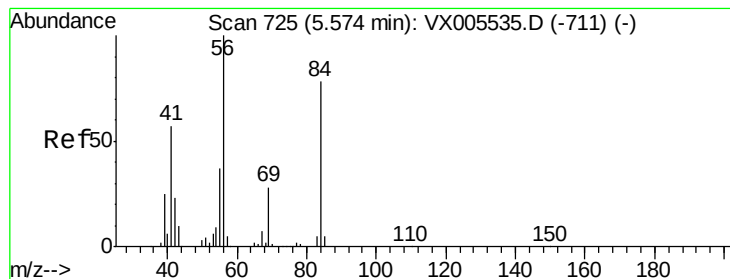
85 65.2 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.745 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBS01

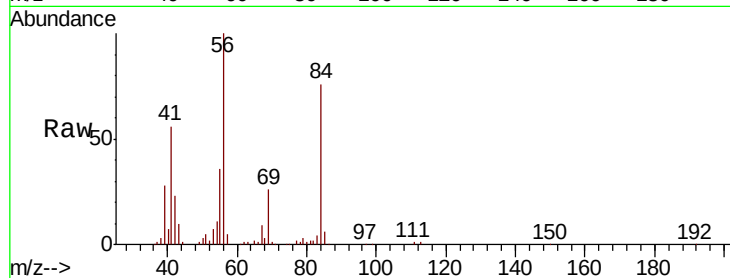
Tot Ion: 56 Resp: 74269

Ion Ratio Lower Upper

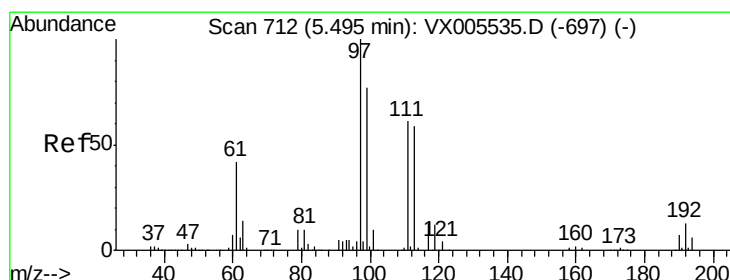
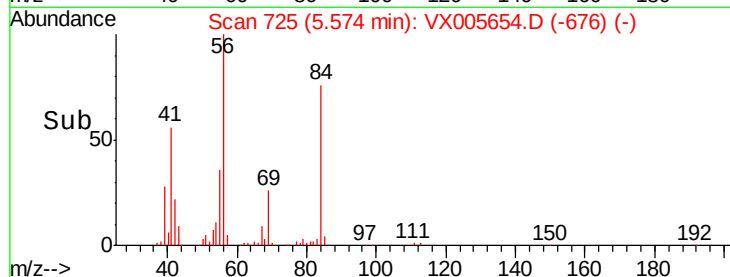
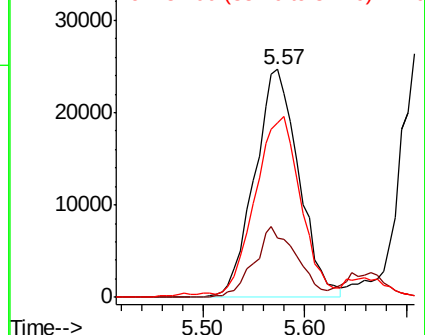
56 100

69 25.8 22.6 34.0

84 74.8 62.7 94.1



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



#32

1,1,1-Trichloroethane

Concen: 19.200 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

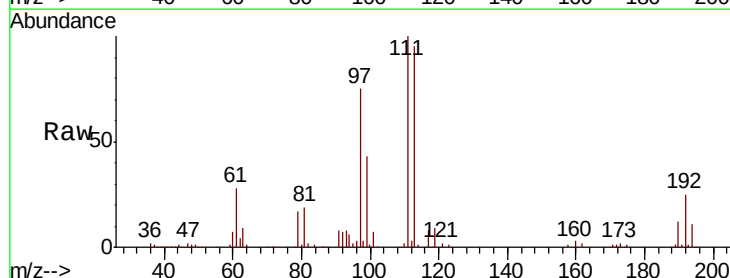
Tgt Ion: 97 Resp: 75908

Ion Ratio Lower Upper

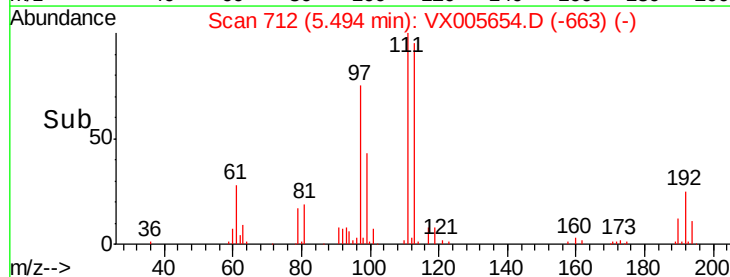
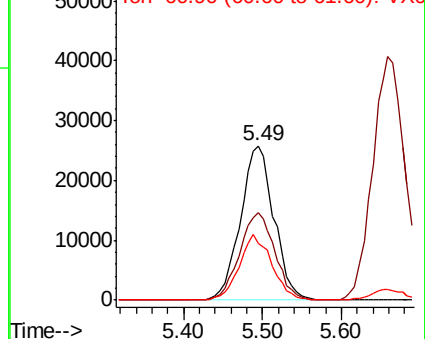
97 100

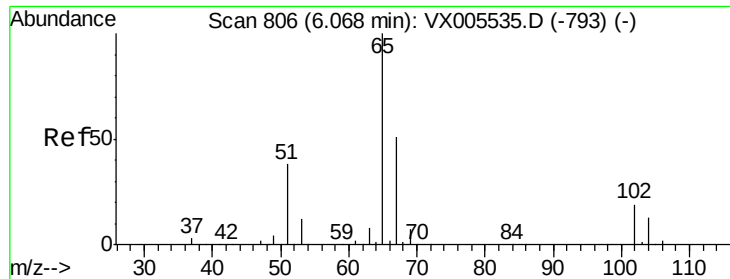
99 59.9 52.3 78.5

61 41.6 35.2 52.8



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

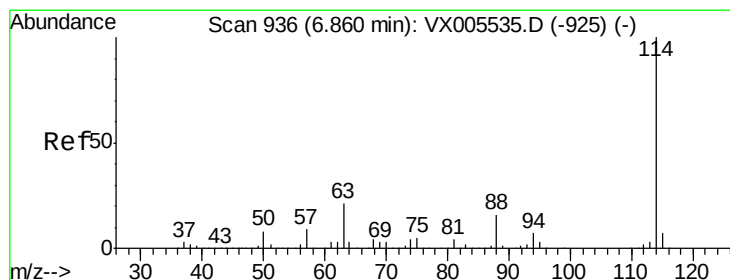
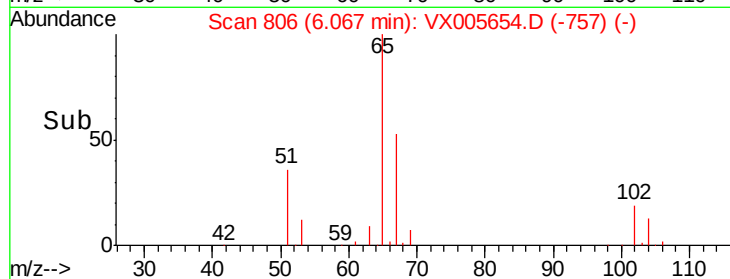
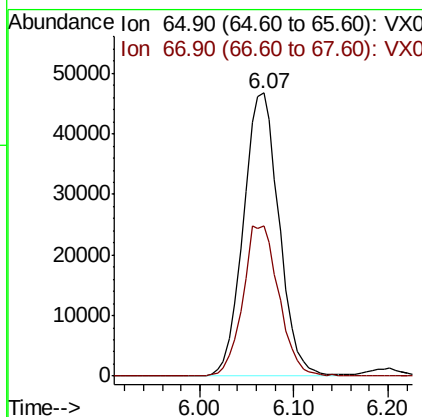
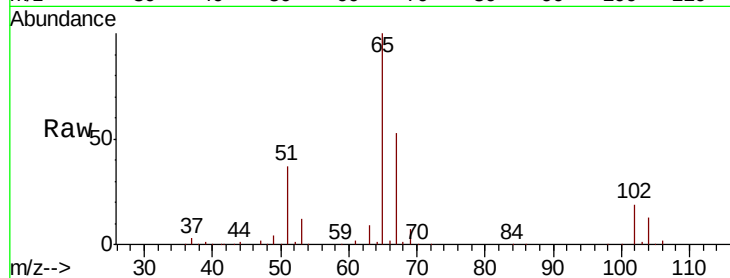




#33
 1,2-Dichloroethane-d4
 Concen: 42.285 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

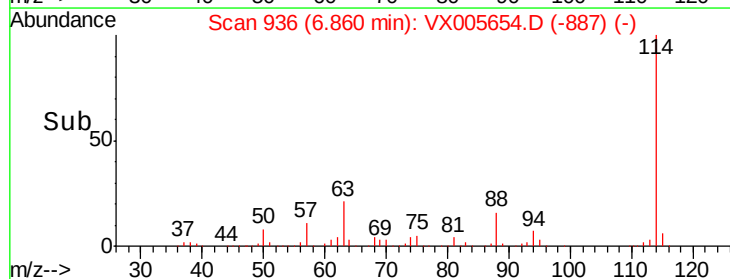
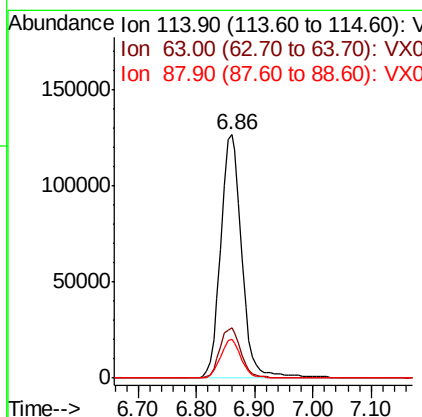
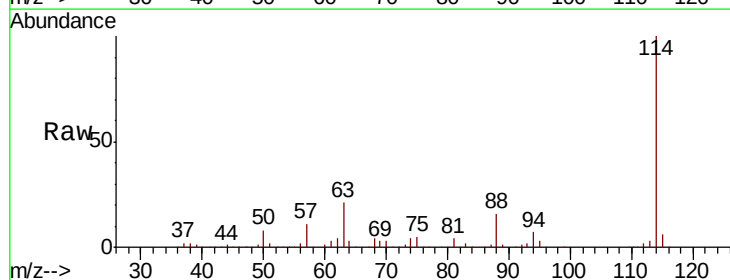
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS01

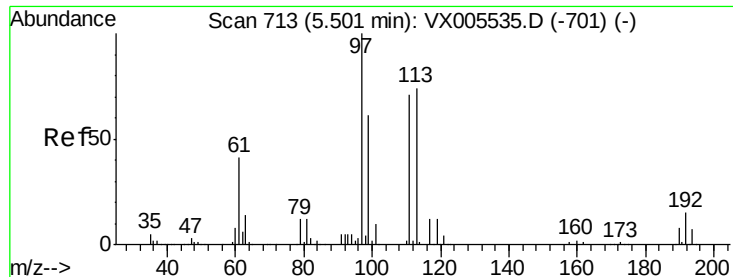
Tot Ion: 65 Resp: 124270
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

Tgt Ion: 114 Resp: 318903
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.8
 88 15.9 0.0 31.2

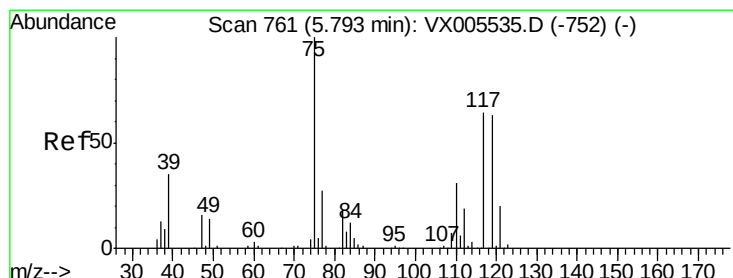
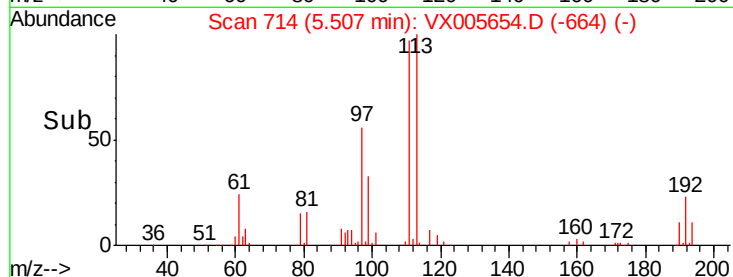
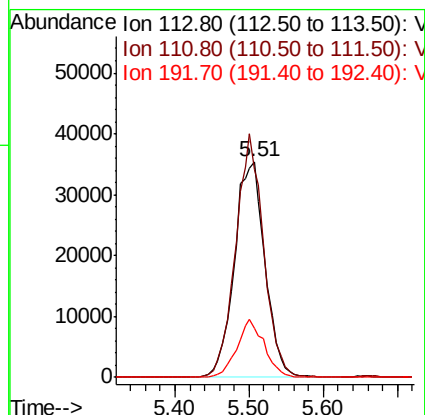
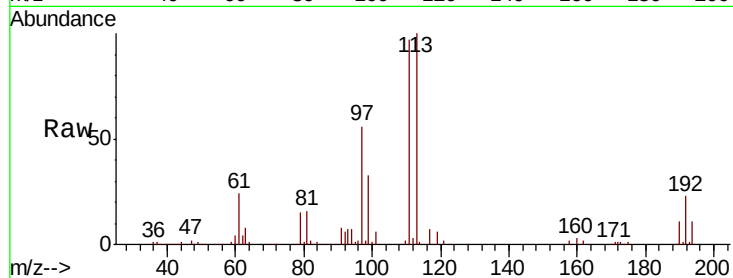




#35
 Dibromofluoromethane
 Concen: 47.107 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

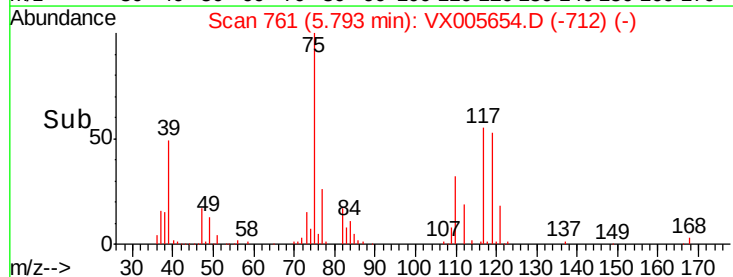
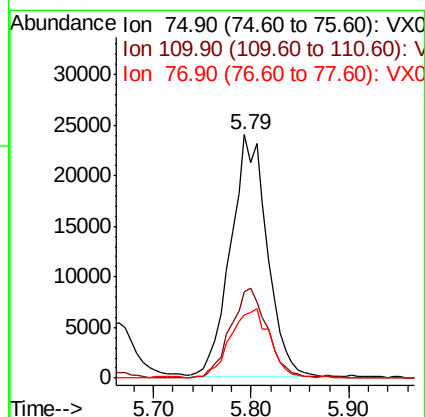
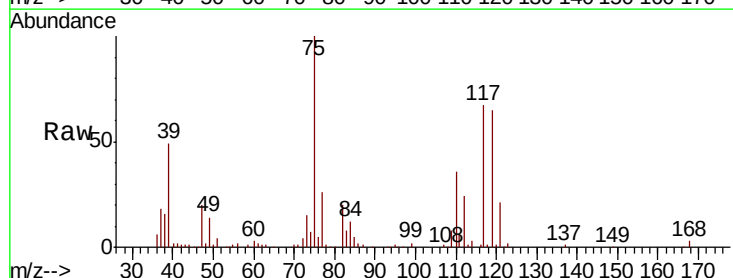
Instrument :
 MSVOA_X
 ClientSampled :
 VX1029WBS01

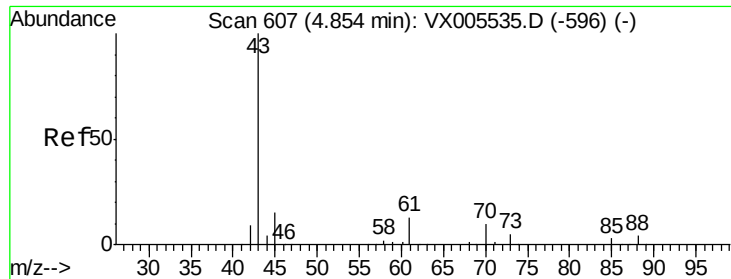
Tot Ion:113 Resp: 101721
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.3 123.5
 192 24.2 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 20.135 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

Tgt Ion: 75 Resp: 62314
 Ion Ratio Lower Upper
 75 100
 110 37.7 17.4 52.2
 77 31.0 25.8 38.6

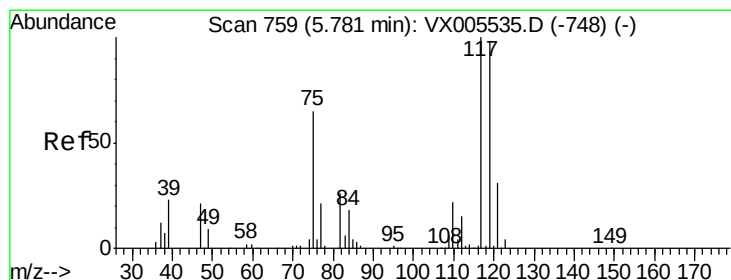
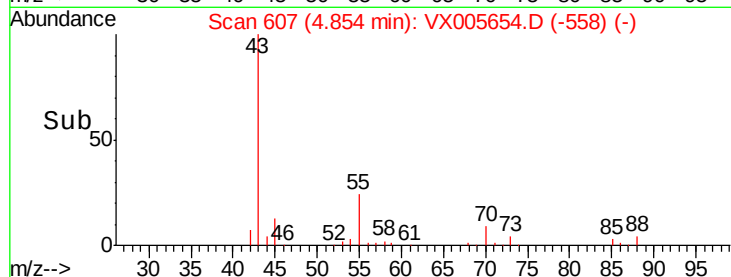
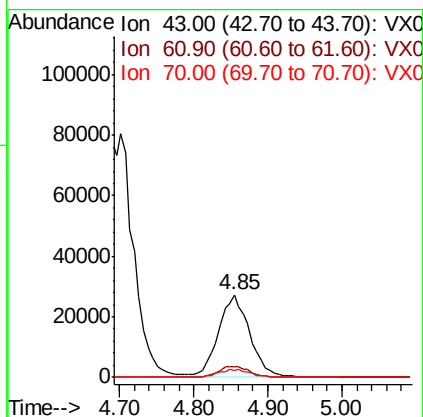
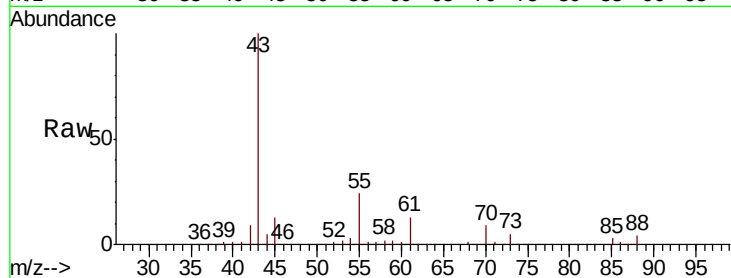




#37
Ethyl Acetate
Concen: 19.869 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

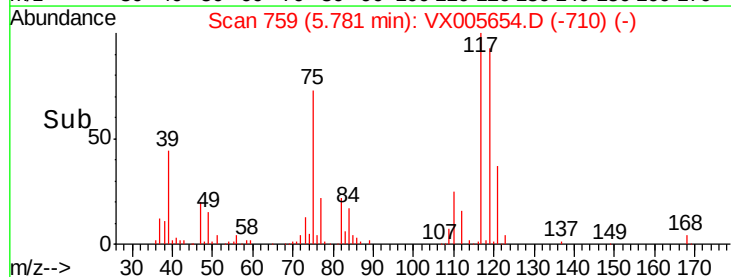
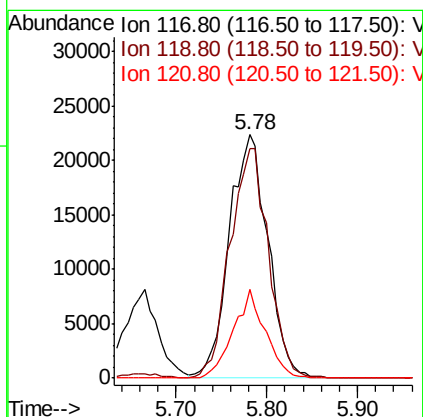
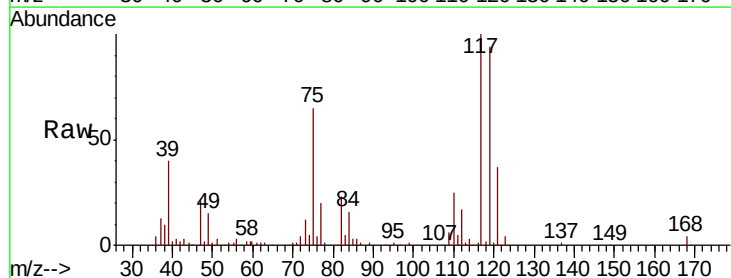
Instrument :
MSVOA_X
ClientSampled :
VX1029WBS01

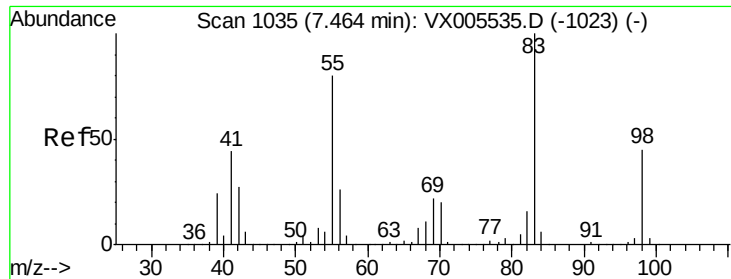
Tot Ion: 43 Resp: 78469
Ion Ratio Lower Upper
43 100
61 14.1 10.8 16.2
70 9.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.197 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

Tgt Ion: 117 Resp: 65834
Ion Ratio Lower Upper
117 100
119 94.0 78.1 117.1
121 36.7 24.6 36.8

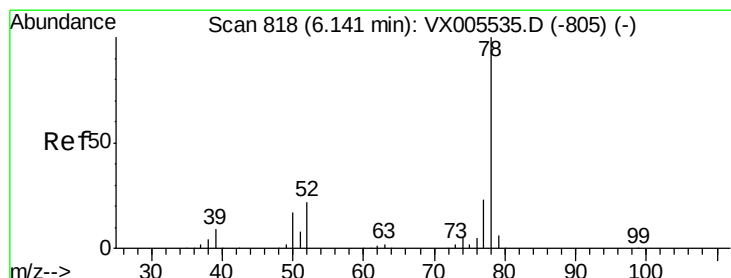
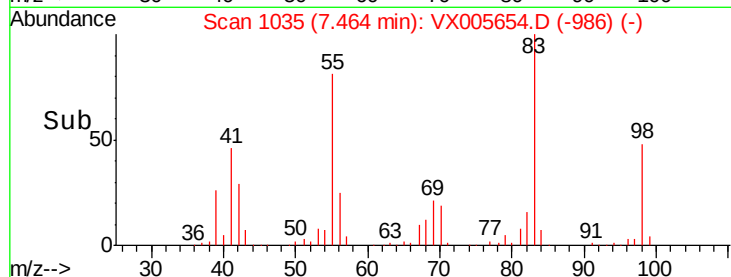
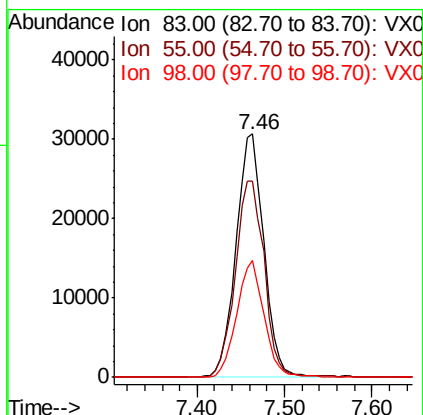
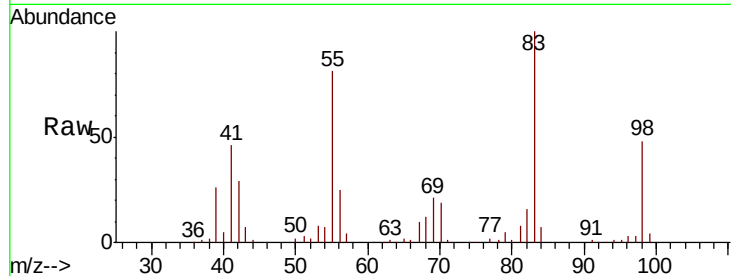




#39
Methylvlcyclohexane
Concen: 19.949 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

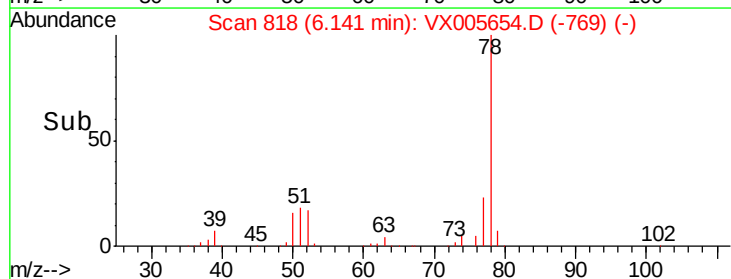
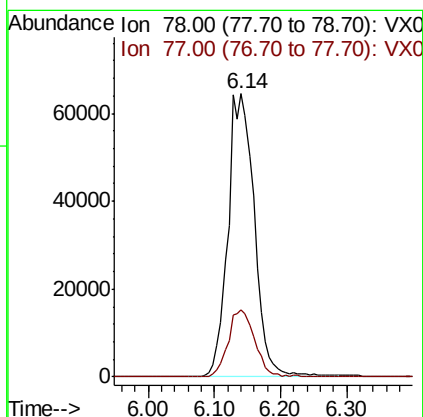
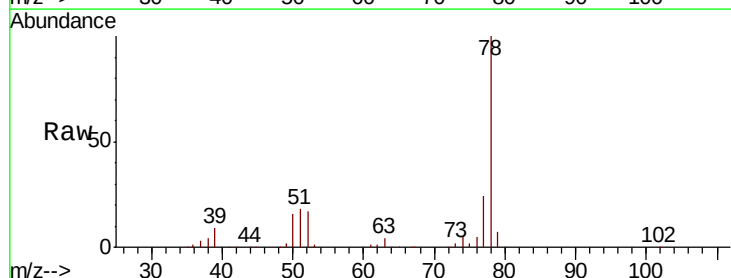
Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

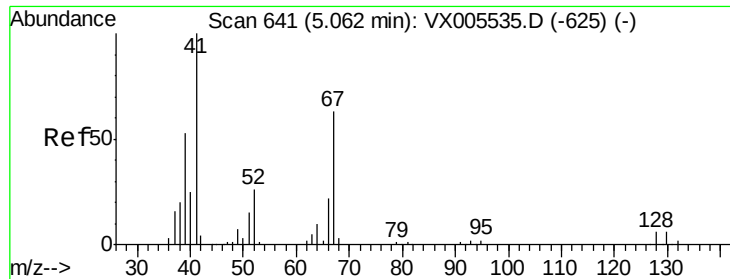
Tot Ion: 83 Resp: 68174
Ion Ratio Lower Upper
83 100
55 80.9 63.7 95.5
98 47.8 36.2 54.2



#40
Benzene
Concen: 20.227 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

Tgt Ion: 78 Resp: 179443
Ion Ratio Lower Upper
78 100
77 23.8 18.4 27.6

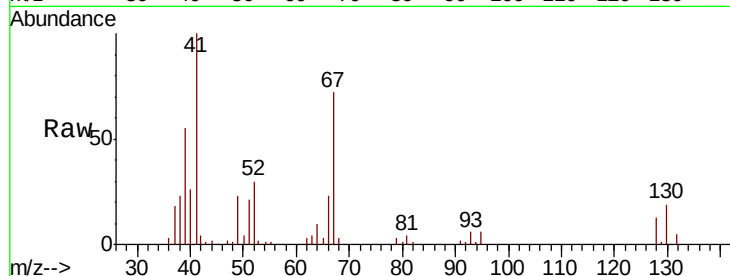




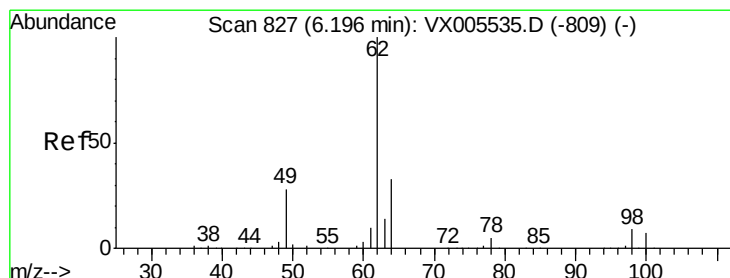
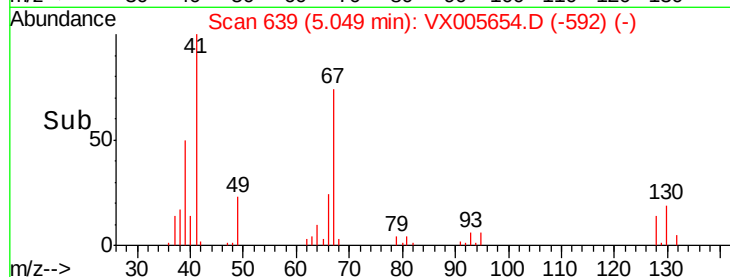
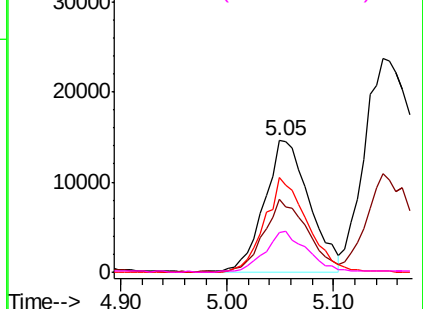
#41
Methacrylonitrile
Concen: 19.578 ug/l
RT: 5.05 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tot Ion:	41	Resp:	43068
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.2	63.2
67	67.9	53.4	80.0
52	29.3	23.4	35.2

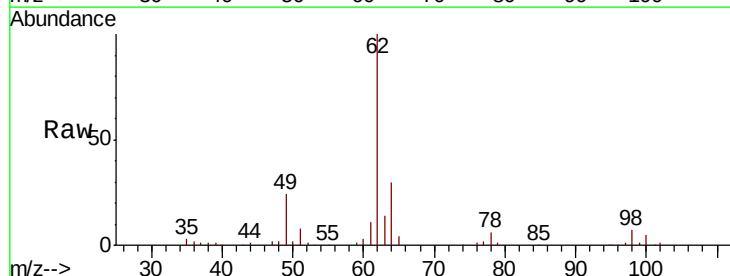


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

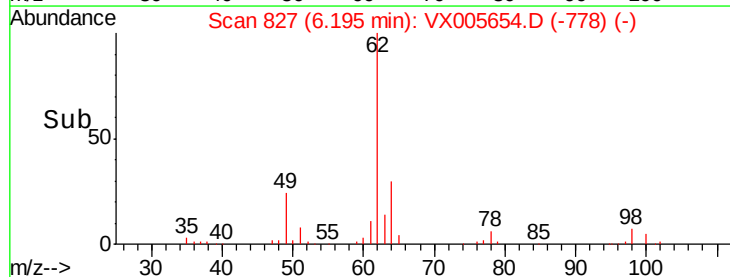
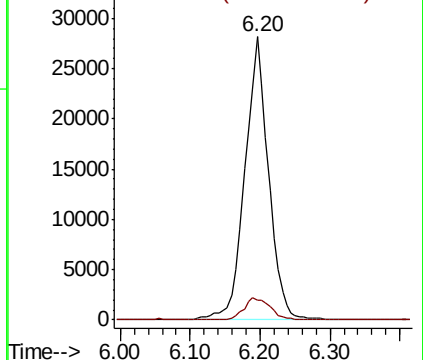


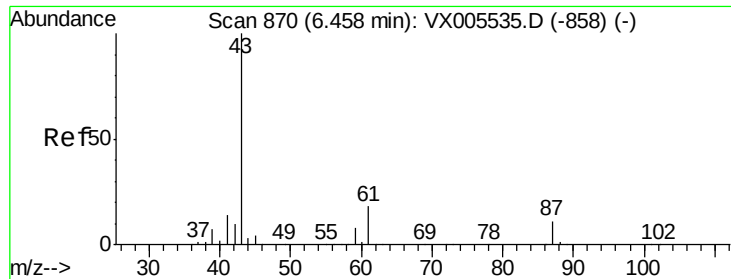
#42
1,2-Dichloroethane
Concen: 19.623 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

Tgt Ion:	62	Resp:	66133
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 19.035 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBS01

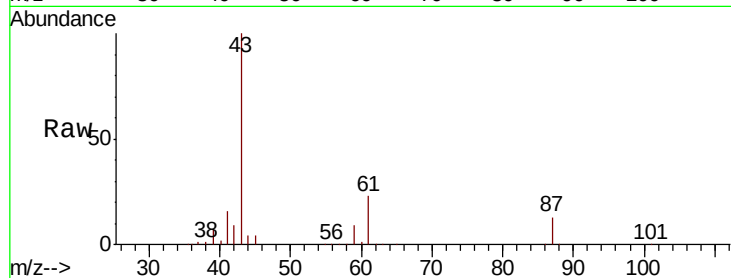
Tot Ion: 43 Resp: 112650

Ion Ratio Lower Upper

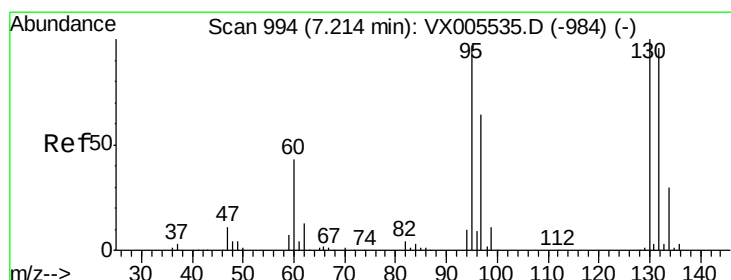
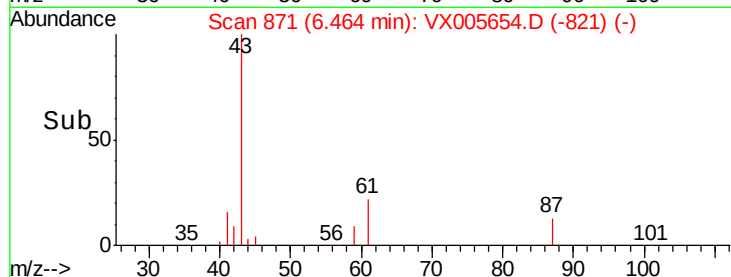
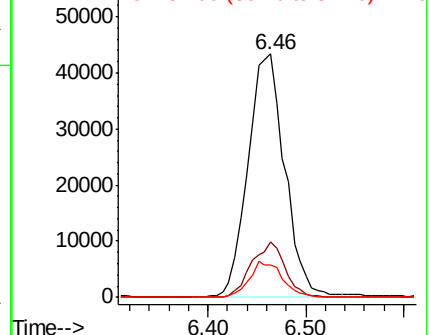
43 100

61 21.2 14.6 22.0

87 13.5 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: 19.458 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005654.D

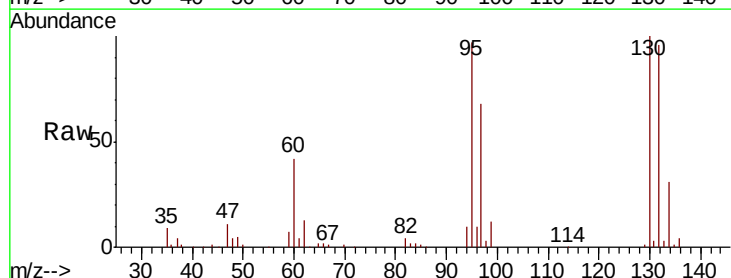
Acq: 29 Oct 2018 12:25

Tgt Ion:130 Resp: 47028

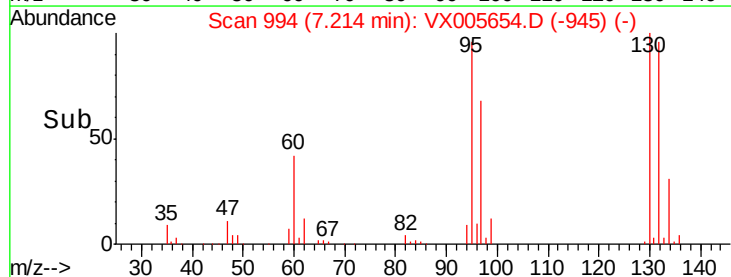
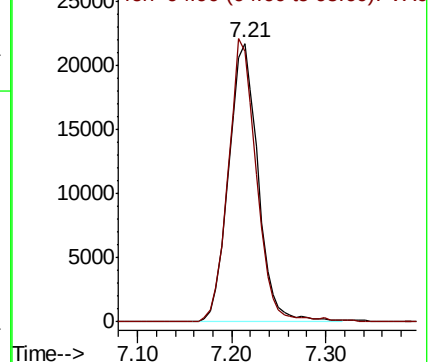
Ion Ratio Lower Upper

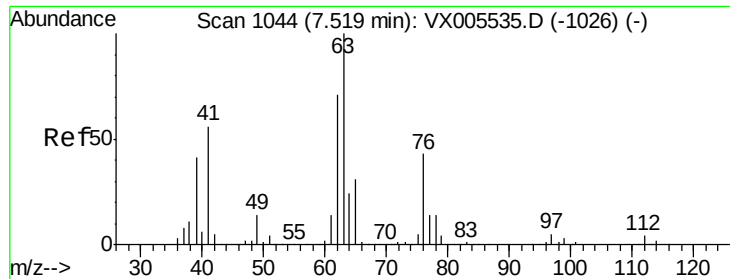
130 100

95 97.1 0.0 194.2



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

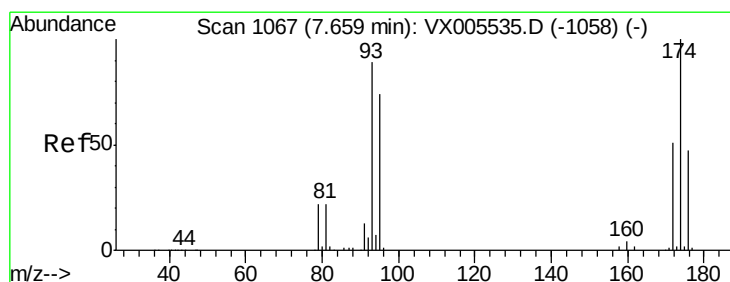
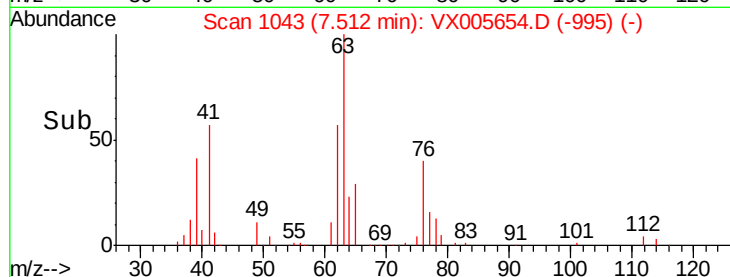
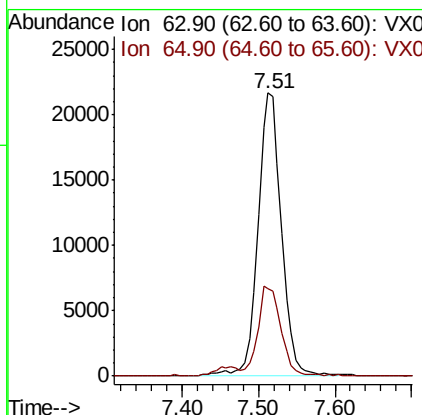
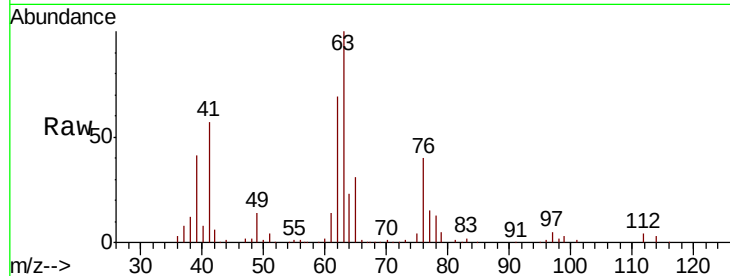




#45
 1,2-Dichloropropane
 Concen: 19.512 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

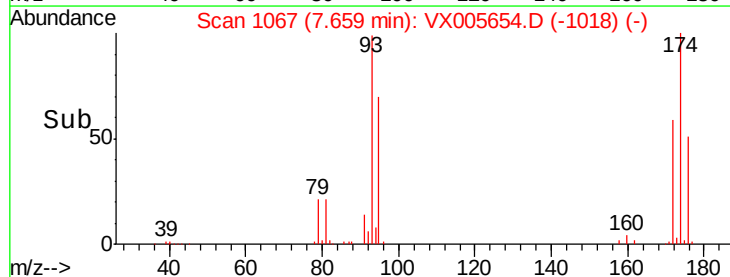
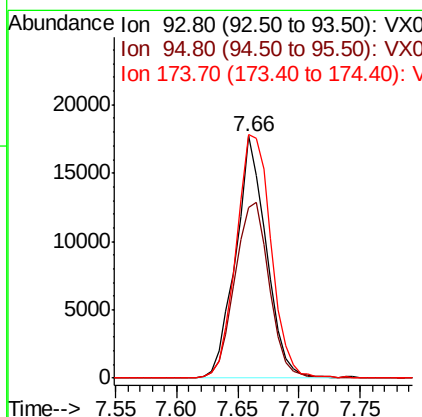
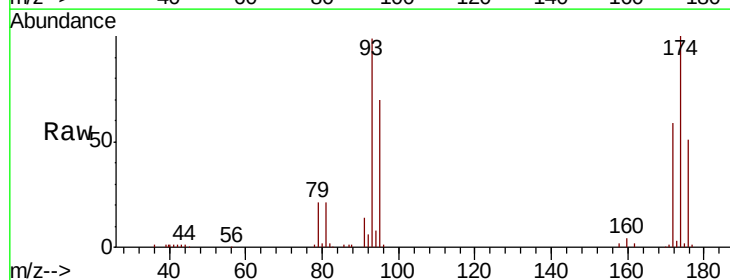
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS01

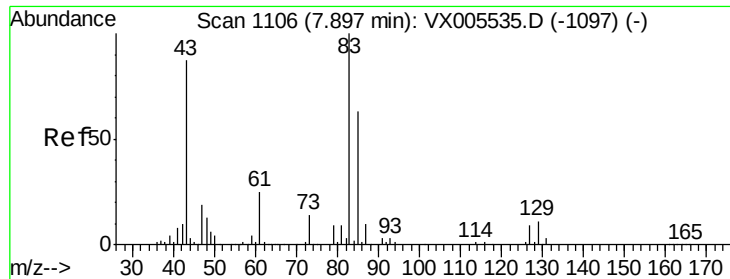
Tot Ion: 63 Resp: 46539
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.8 37.2



#46
 Dibromomethane
 Concen: 19.969 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

Tgt Ion: 93 Resp: 30762
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.4 101.0
 174 114.9 91.5 137.3





#47

Bromodichloromethane

Concen: 19.506 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBS01

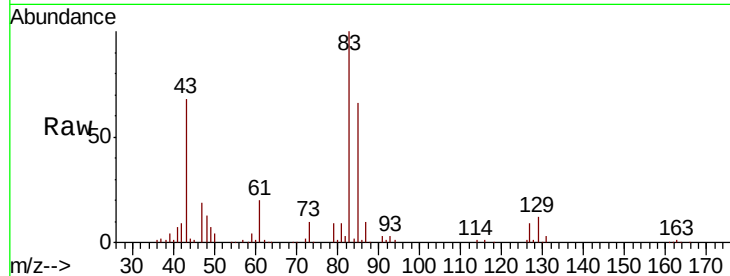
Tot Ion: 83 Resp: 58319

Ion Ratio Lower Upper

83 100

85 65.7 50.2 75.4

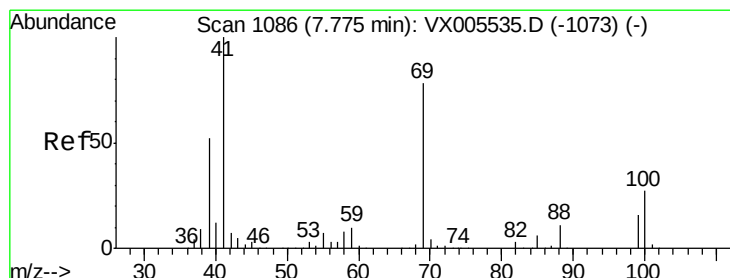
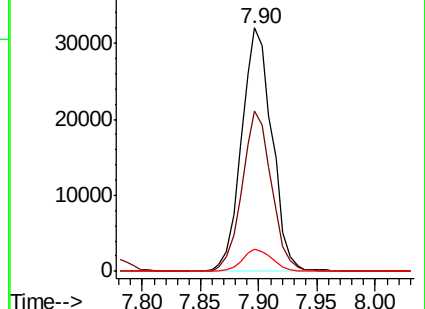
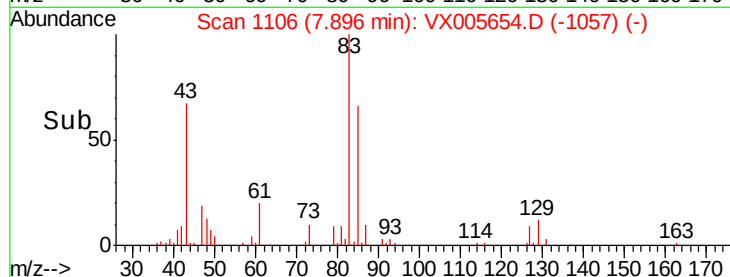
127 9.2 6.9 10.3



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: 19.393 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

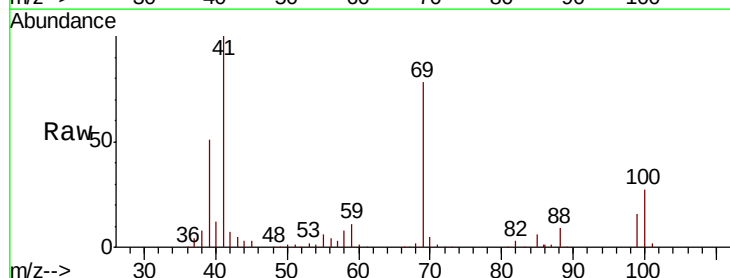
Tgt Ion: 41 Resp: 55911

Ion Ratio Lower Upper

41 100

69 79.5 63.2 94.8

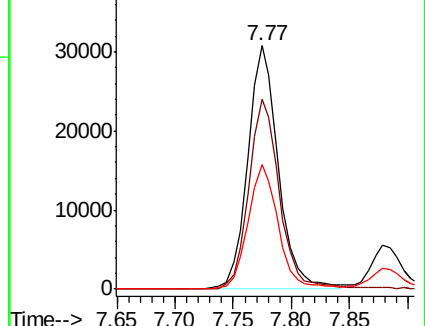
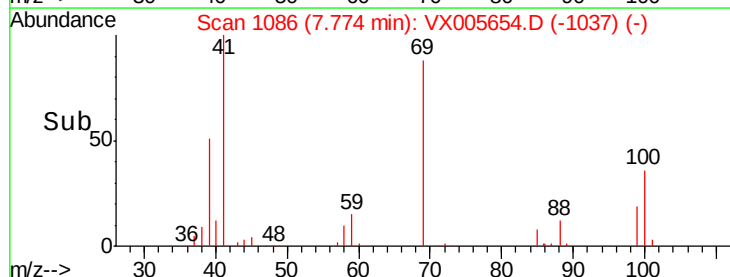
39 51.3 42.2 63.2

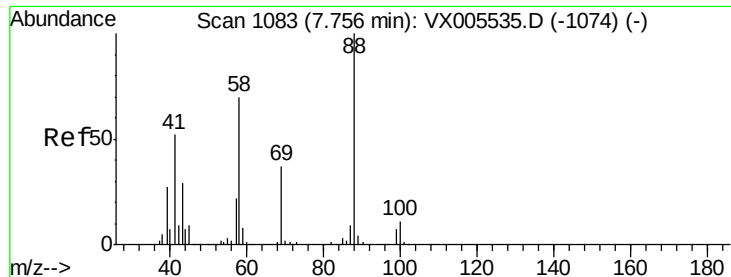


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

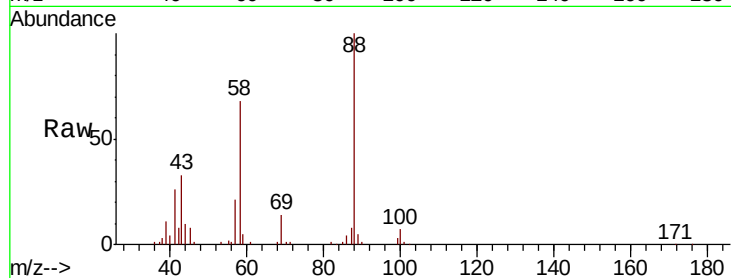




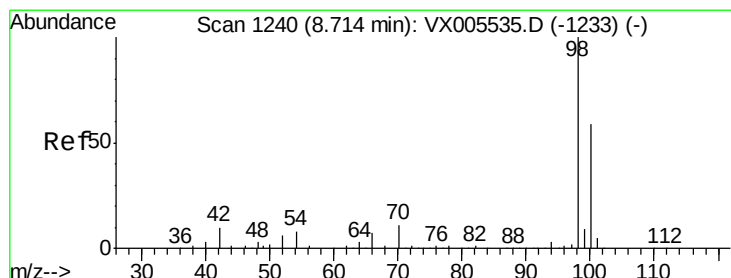
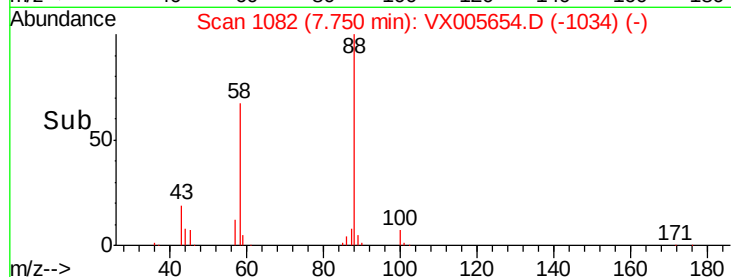
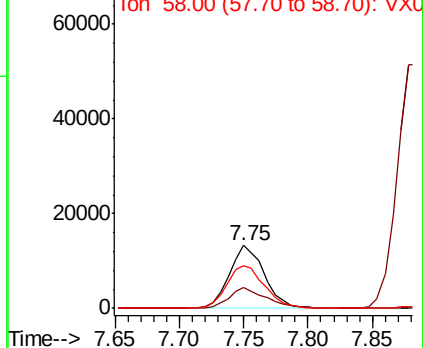
#49
1,4-Dioxane
Concen: 399.453 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tot Ion: 88 Resp: 25167
Ion Ratio Lower Upper
88 100
43 36.7 27.4 41.0
58 74.2 59.4 89.2

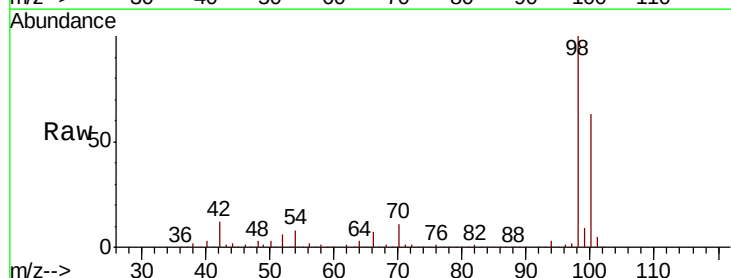


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

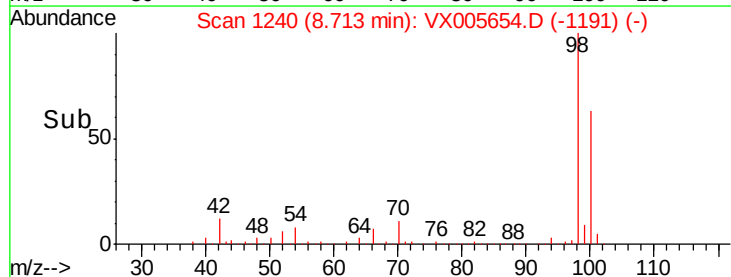
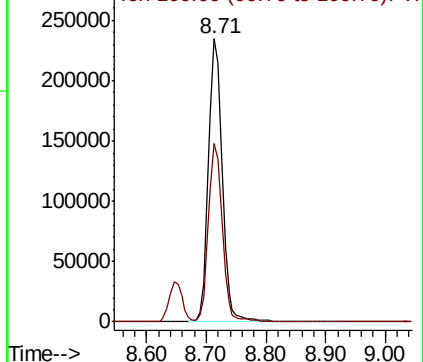


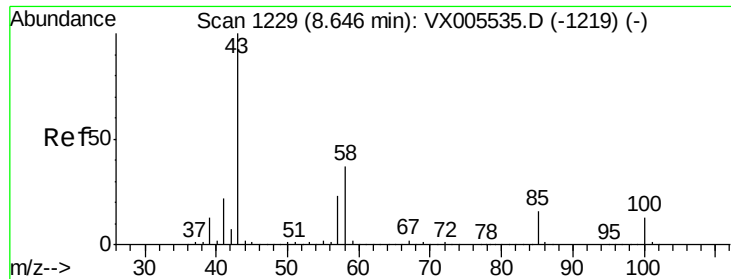
#50
Toluene-d8
Concen: 47.980 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

Tgt Ion: 98 Resp: 372274
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9



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

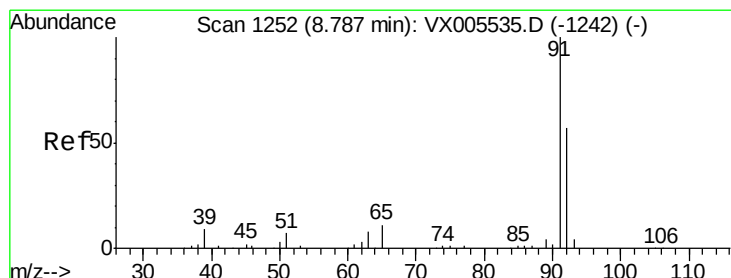
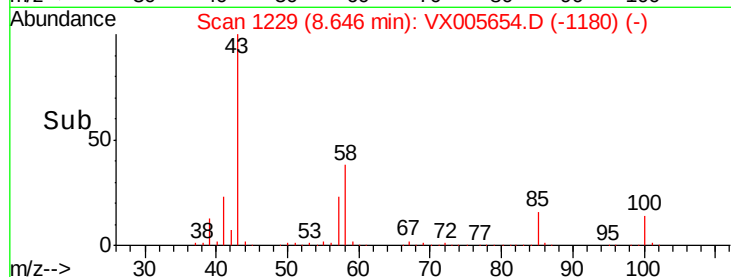
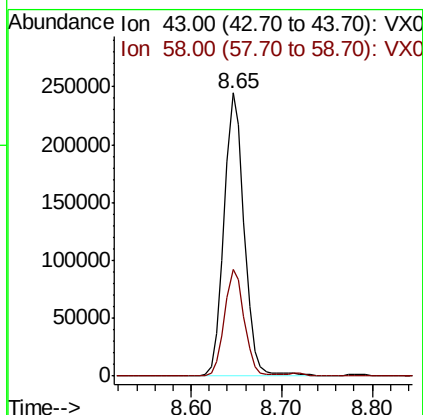
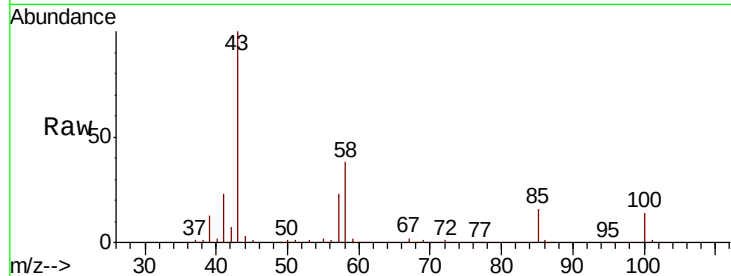




#51
 4-Methyl-2-Pentanone
 Concen: 95.550 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

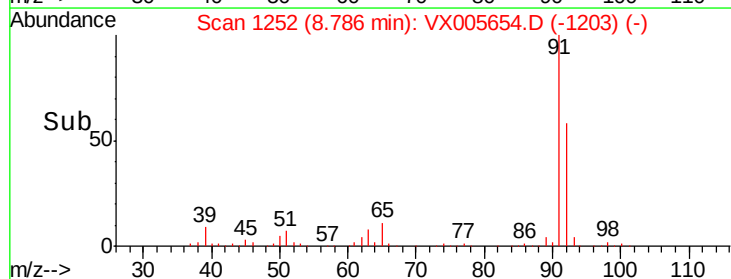
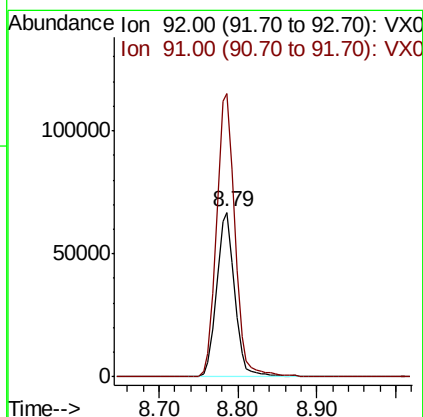
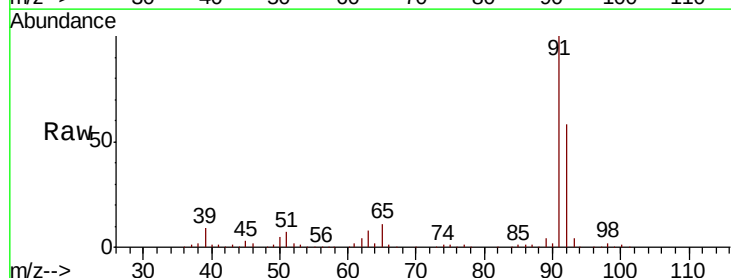
Instrument :
 MSVOA_X
 ClientSampled :
 VX1029WBS01

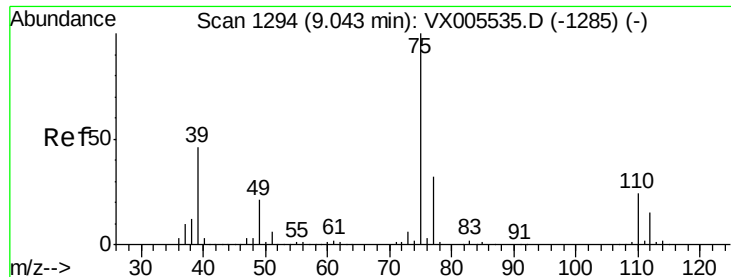
Tot Ion: 43 Resp: 380027
 Ion Ratio Lower Upper
 43 100
 58 37.0 29.7 44.5



#52
 Toluene
 Concen: 19.922 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

Tgt Ion: 92 Resp: 107415
 Ion Ratio Lower Upper
 92 100
 91 175.4 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.595 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

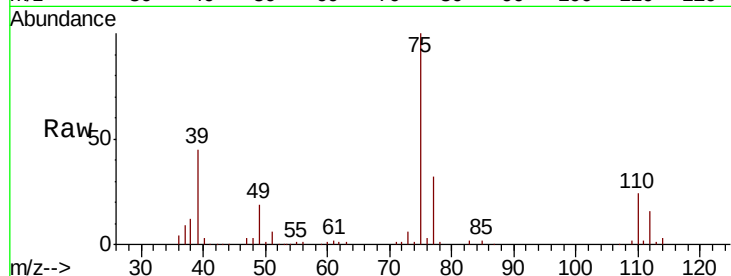
VX1029WBS01

Tot Ion: 75 Resp: 63318

Ion Ratio Lower Upper

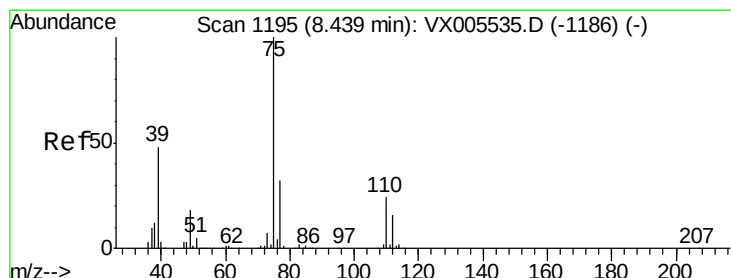
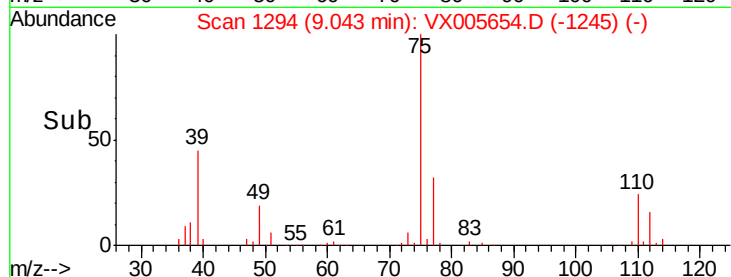
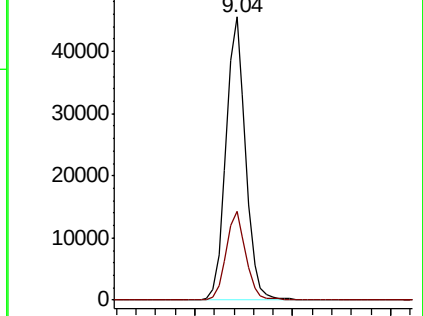
75 100

77 31.6 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.296 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

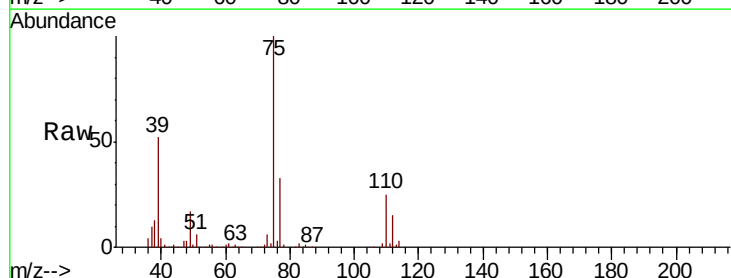
Tgt Ion: 75 Resp: 70611

Ion Ratio Lower Upper

75 100

77 32.7 25.2 37.8

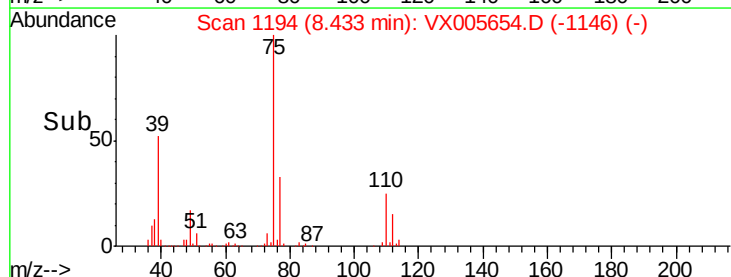
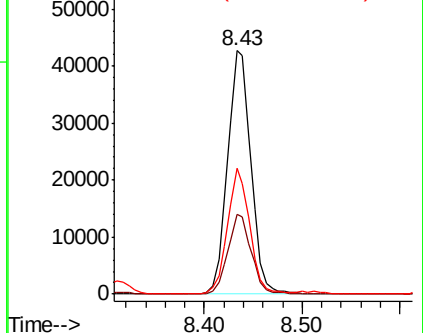
39 51.6 38.2 57.2

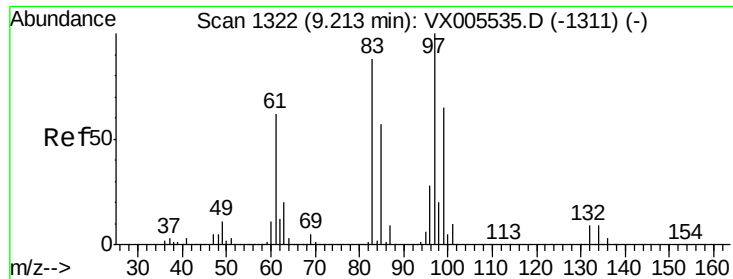


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

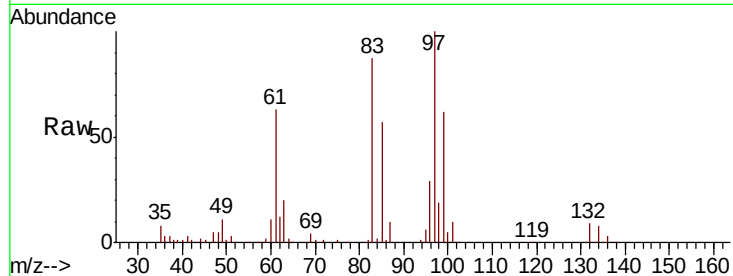




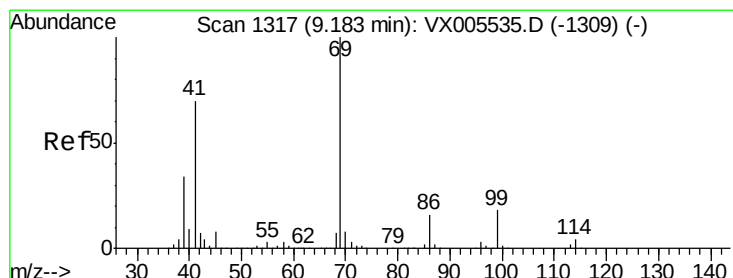
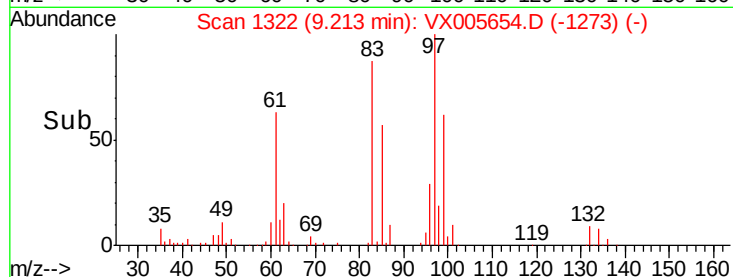
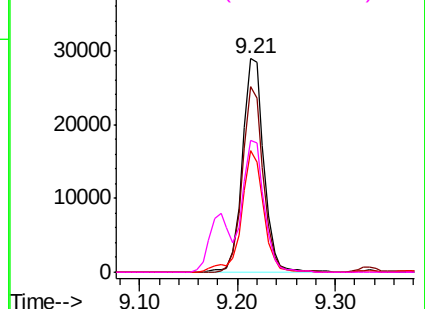
#55
 1,1,2-Trichloroethane
 Concen: 19.336 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS01

Tot Ion: 97 Resp: 43955
 Ion Ratio Lower Upper
 97 100
 83 87.0 70.7 106.1
 85 56.9 45.8 68.6
 99 61.9 51.8 77.8

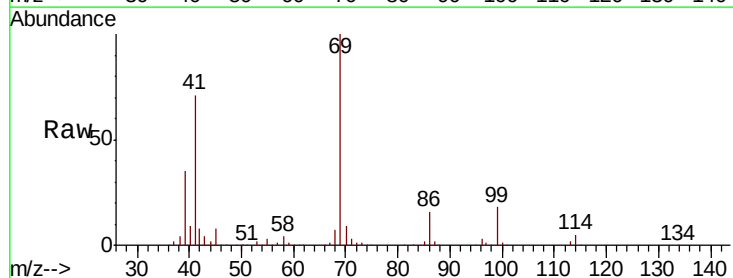


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

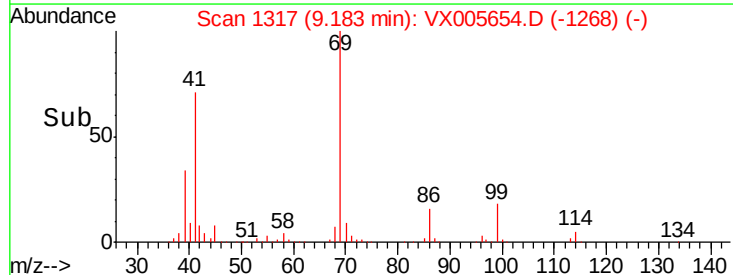
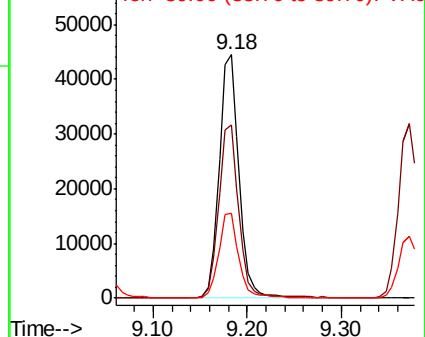


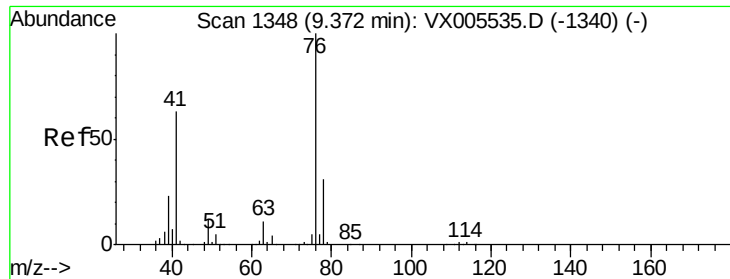
#56
 Ethyl methacrylate
 Concen: 19.080 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

Tgt Ion: 69 Resp: 64694
 Ion Ratio Lower Upper
 69 100
 41 72.4 57.0 85.6
 39 34.6 28.3 42.5



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





#57

1,3-Dichloropropane

Concen: 19.194 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

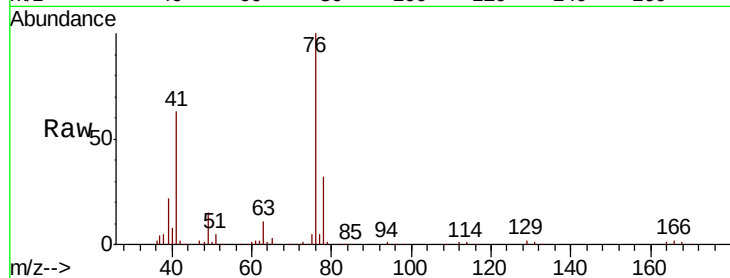
VX1029WBS01

Tot Ion: 76 Resp: 73827

Ion Ratio Lower Upper

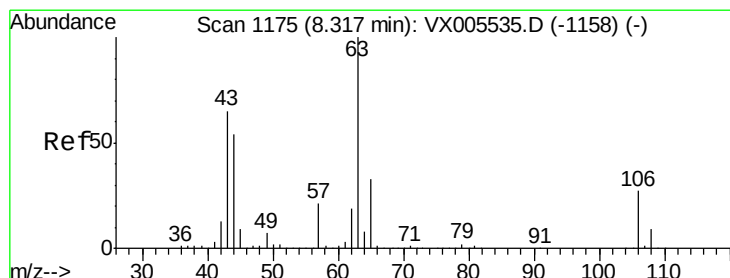
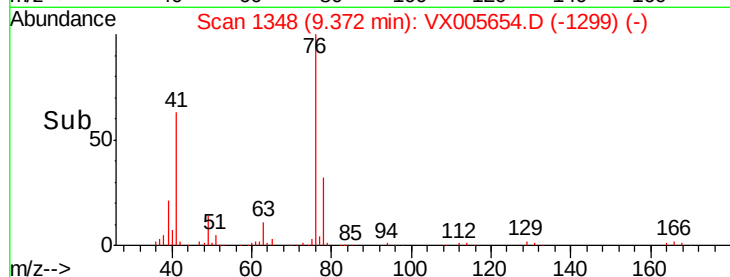
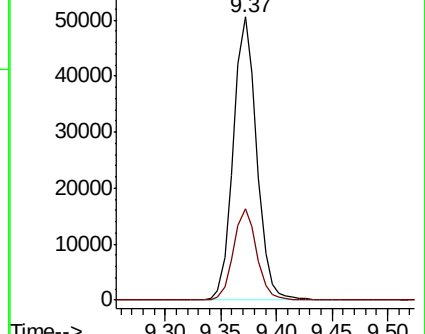
76 100

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: 94.768 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005654.D

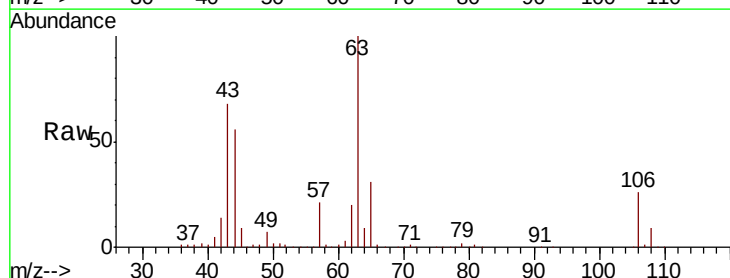
Acq: 29 Oct 2018 12:25

Tgt Ion: 63 Resp: 179464

Ion Ratio Lower Upper

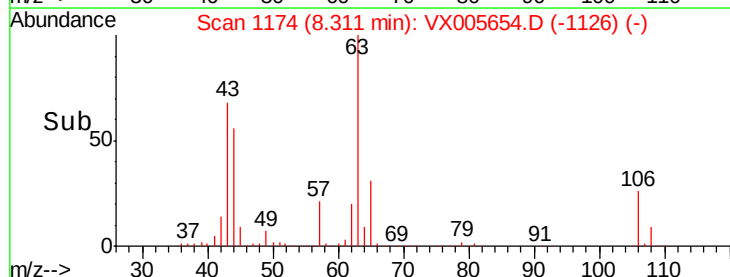
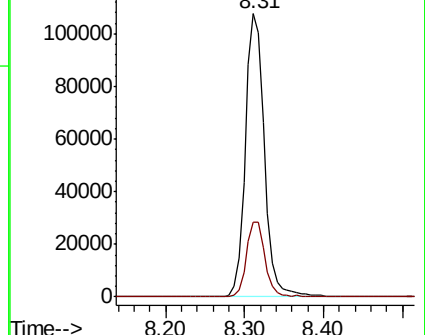
63 100

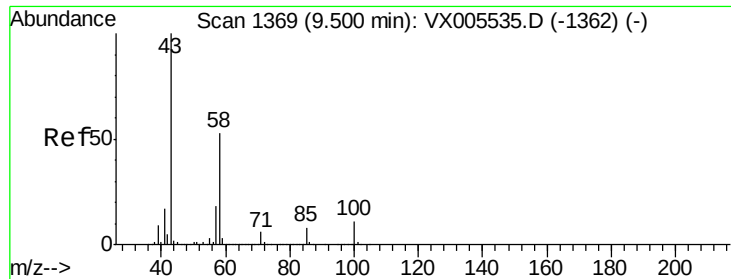
106 26.2 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

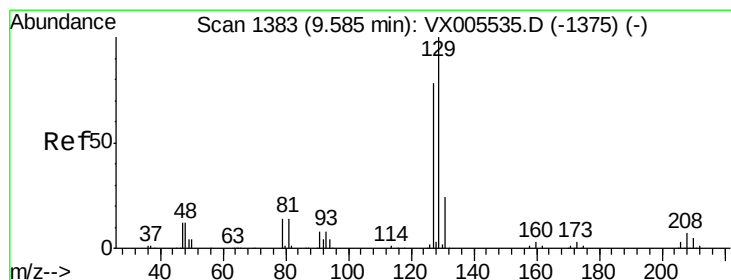
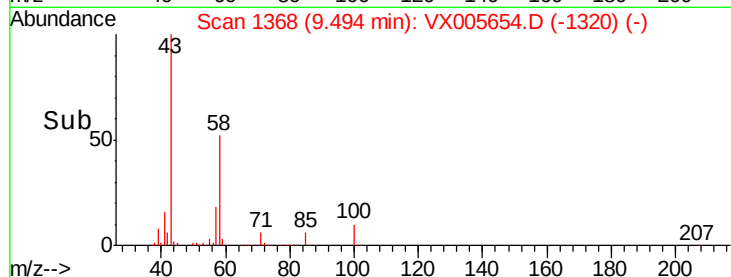
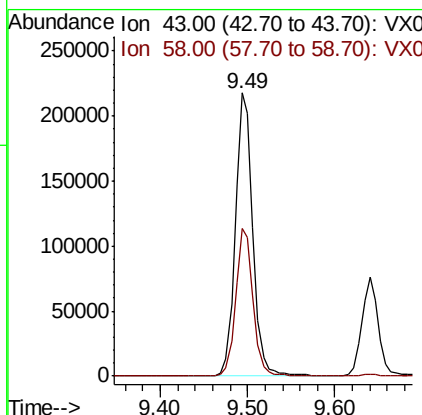
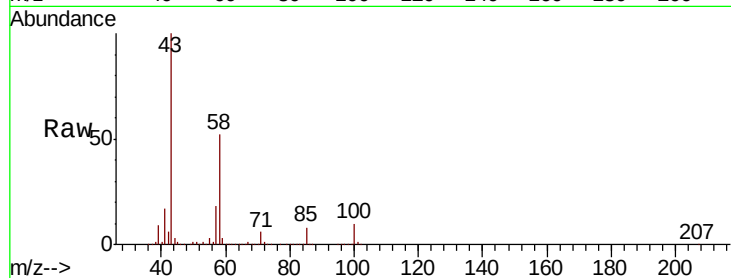




#59
2-Hexanone
Concen: 97.181 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

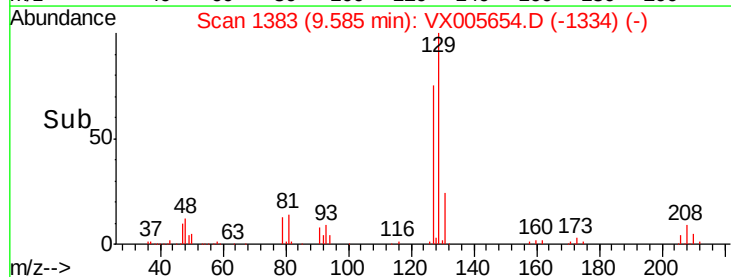
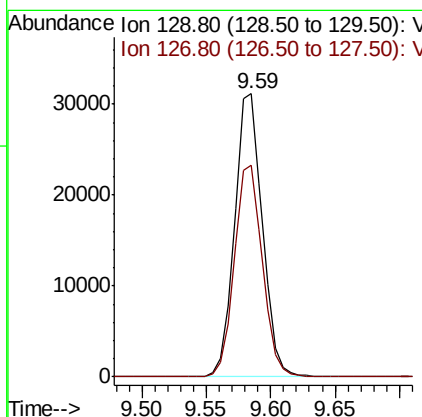
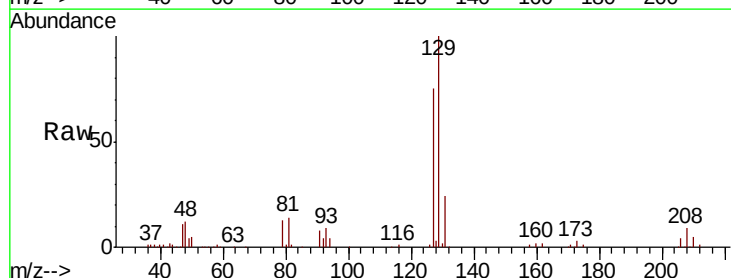
Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

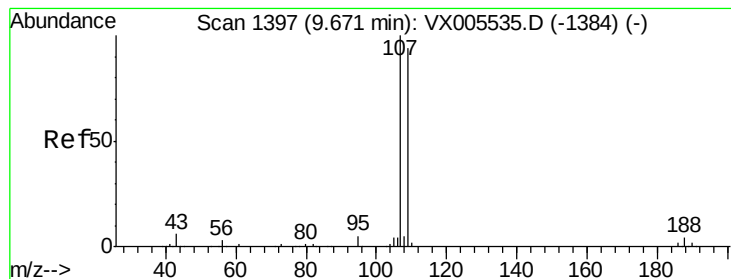
Tot Ion: 43 Resp: 304746
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.8



#60
Dibromochloromethane
Concen: 19.645 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

Tgt Ion: 129 Resp: 46593
Ion Ratio Lower Upper
129 100
127 75.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.706 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

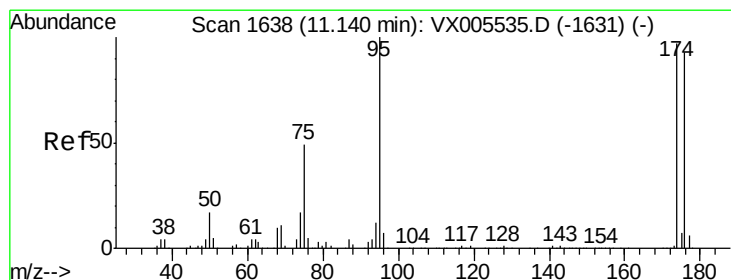
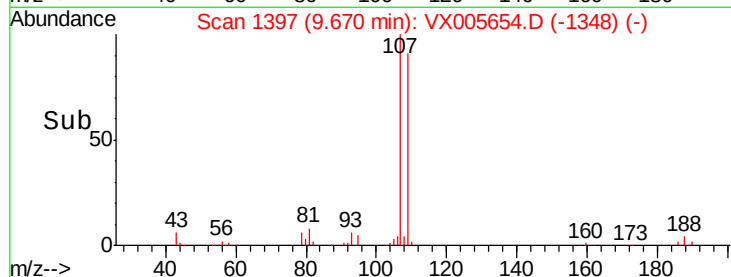
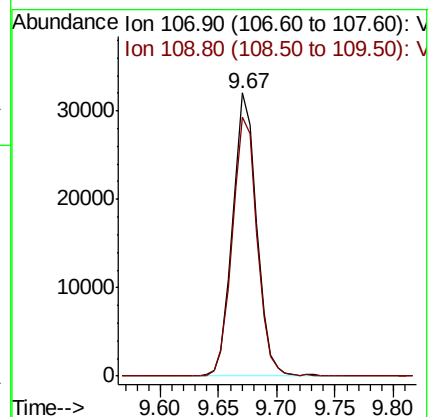
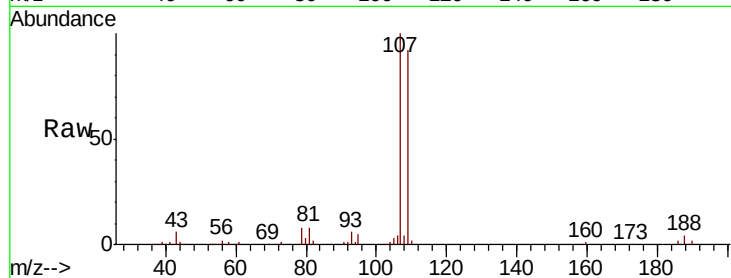
VX1029WBS01

Tot Ion:107 Resp: 46342

Ion Ratio Lower Upper

107 100

109 94.3 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 47.778 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

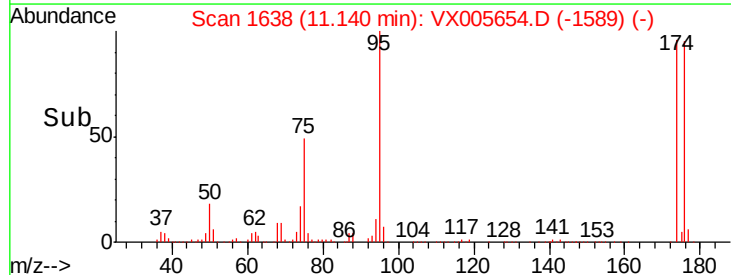
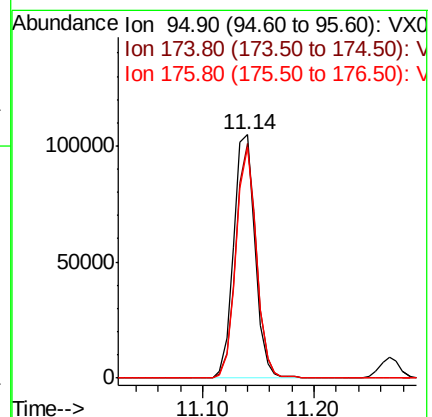
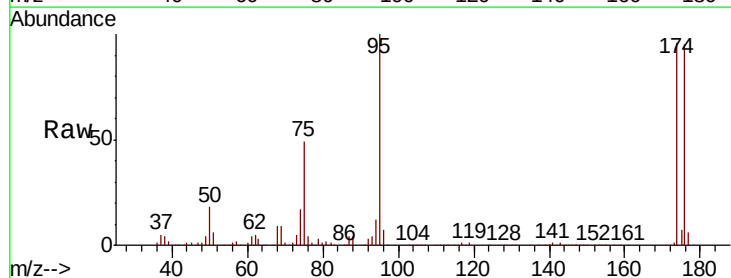
Tgt Ion: 95 Resp: 139997

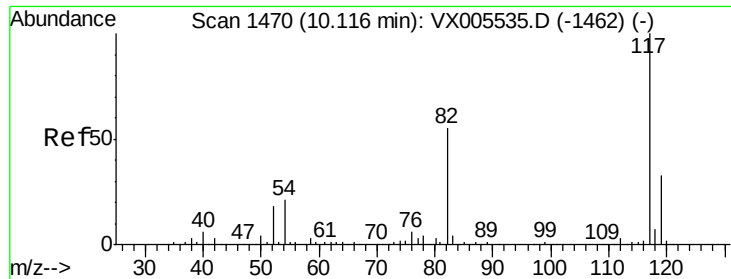
Ion Ratio Lower Upper

95 100

174 92.1 0.0 184.4

176 90.1 0.0 177.4

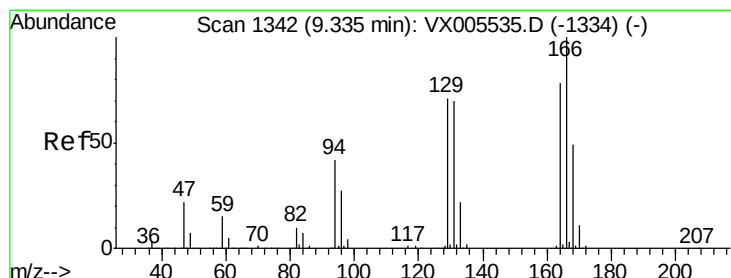
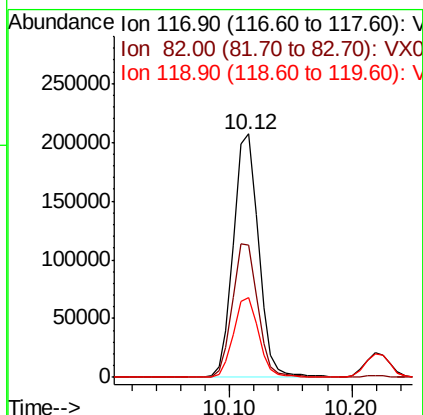
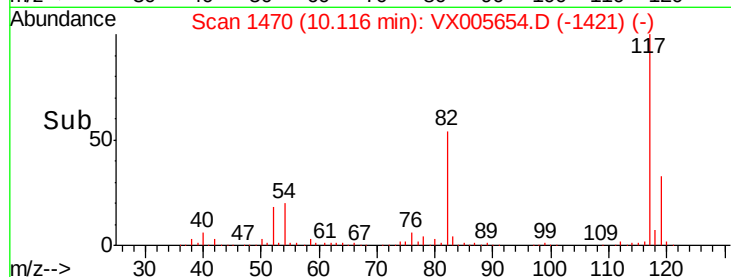
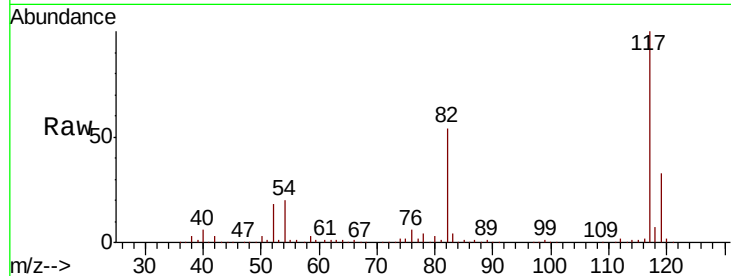




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

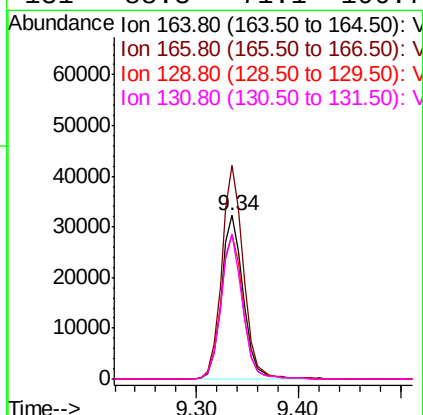
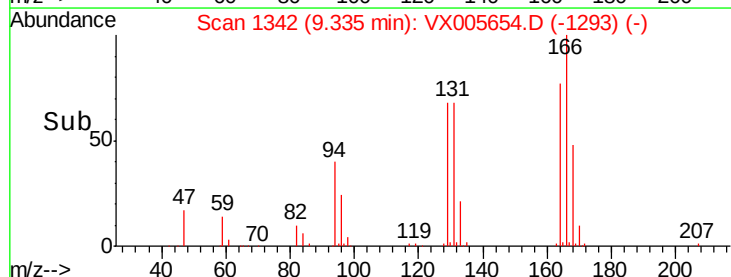
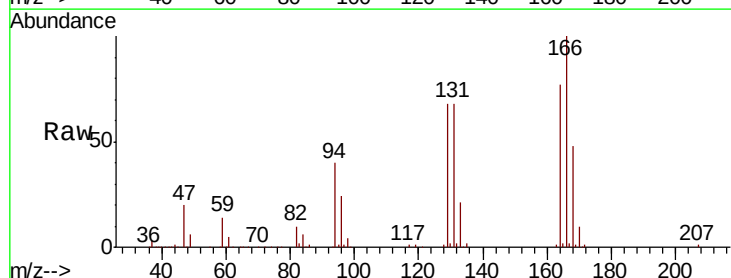
Instrument :
MSVOA_X
ClientSampled :
VX1029WBS01

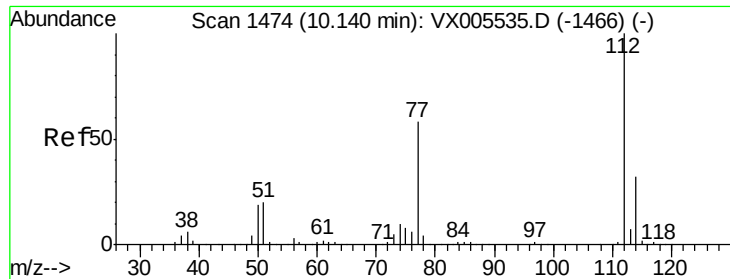
Tot Ion:117 Resp: 294888
Ion Ratio Lower Upper
117 100
82 54.1 44.1 66.1
119 32.6 26.2 39.2



#64
Tetrachloroethene
Concen: 19.576 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

Tgt Ion:164 Resp: 47921
Ion Ratio Lower Upper
164 100
166 130.5 101.9 152.9
129 88.3 72.6 109.0
131 88.3 71.1 106.7

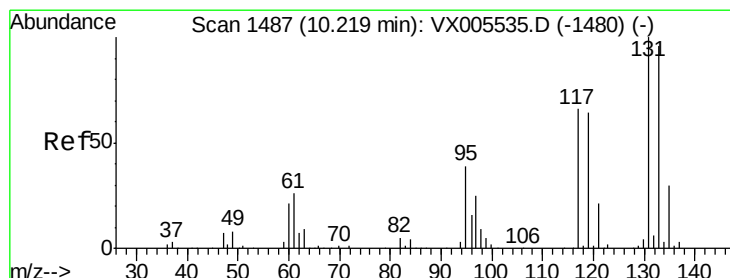
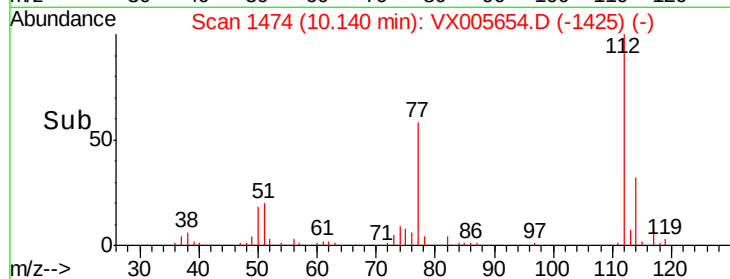
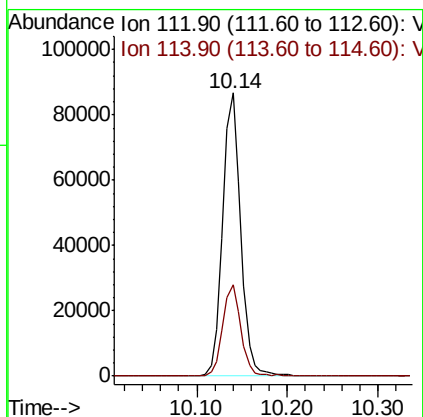
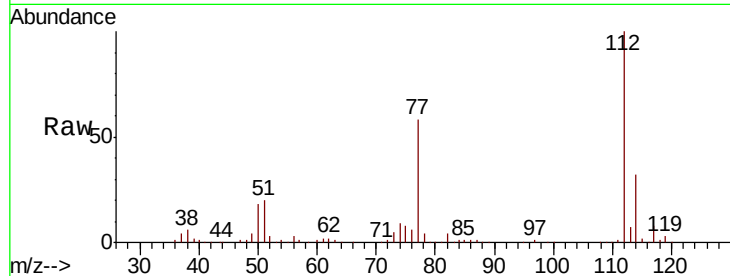




#65
Chlorobenzene
Concen: 19.185 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

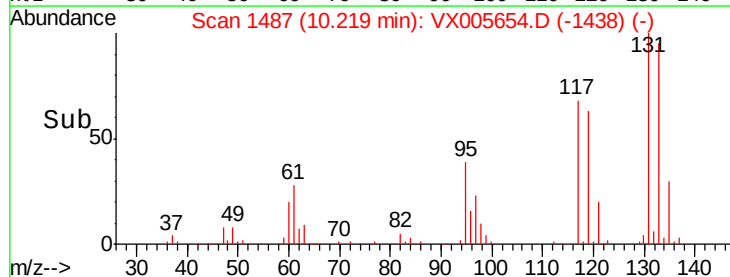
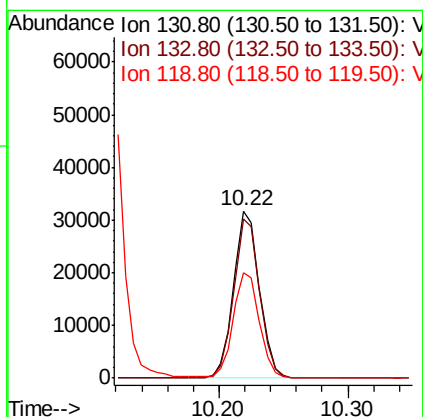
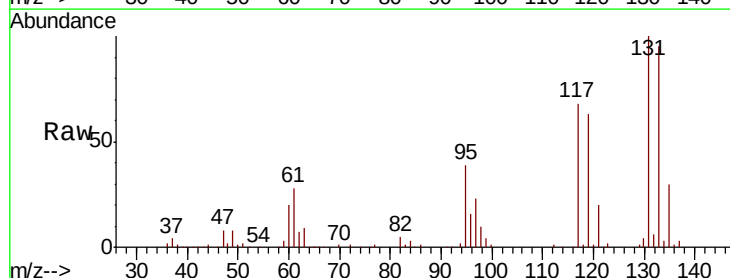
Instrument :
MSVOA_X
ClientSampled :
VX1029WBS01

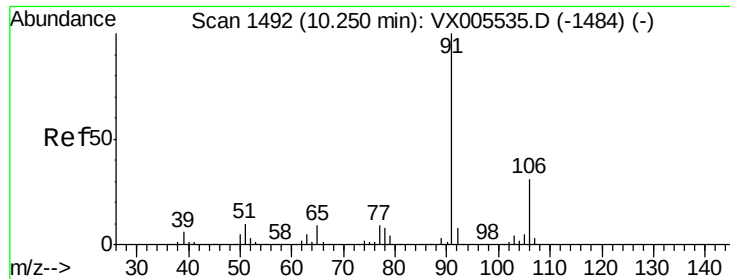
Tot Ion:112 Resp: 120471
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.389 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

Tgt Ion:131 Resp: 44395
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.5
119 64.0 31.8 95.3





#67

Ethyl Benzene

Concen: 19.692 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

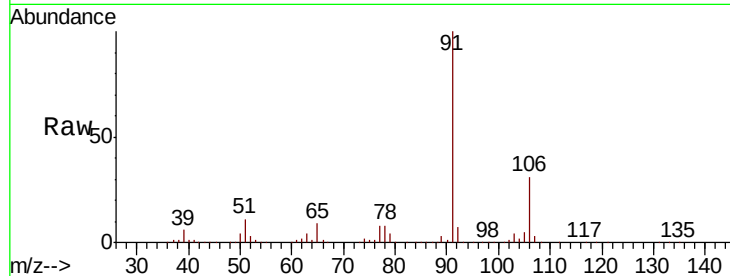
VX1029WBS01

Tot Ion: 91 Resp: 203443

Ion Ratio Lower Upper

91 100

106 31.0 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1484) (-)

Ion 106.00 (105.70 to 106.70): VX005535.D (-1484) (-)

250000

200000

150000

100000

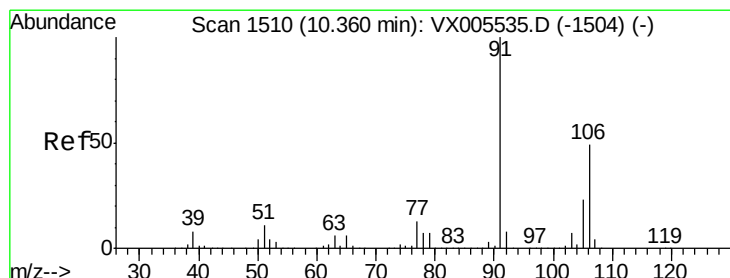
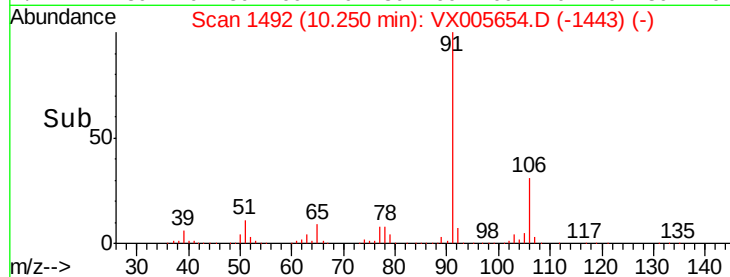
50000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 39.315 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005654.D

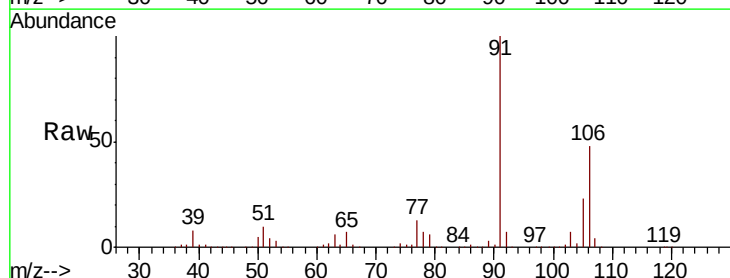
Acq: 29 Oct 2018 12:25

Tgt Ion: 106 Resp: 157588

Ion Ratio Lower Upper

106 100

91 206.3 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005535.D (-1504) (-)

Ion 91.00 (90.70 to 91.70): VX005535.D (-1504) (-)

250000

200000

150000

100000

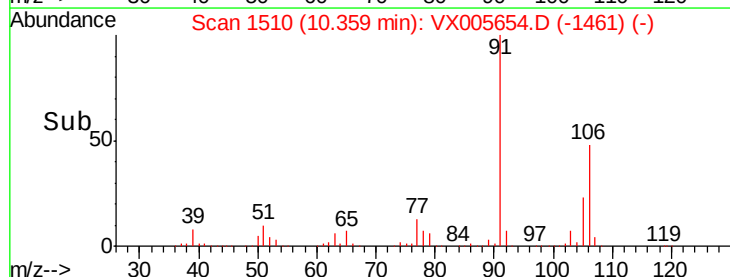
50000

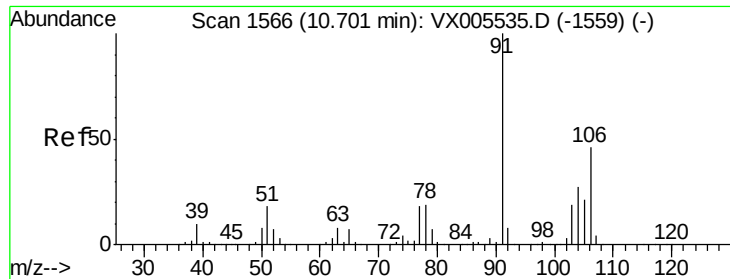
0

10.30

10.40

Time-->

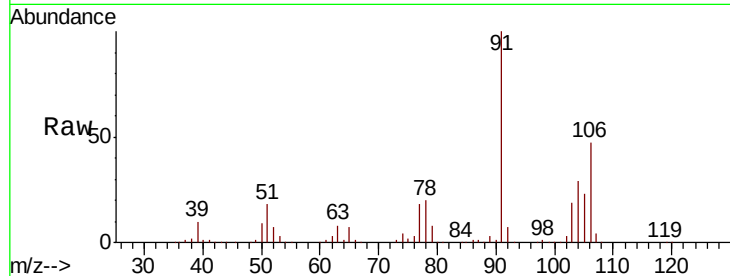




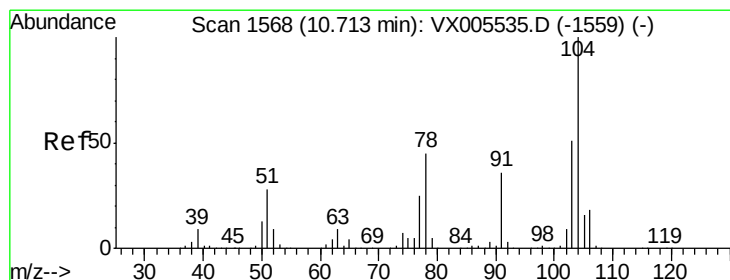
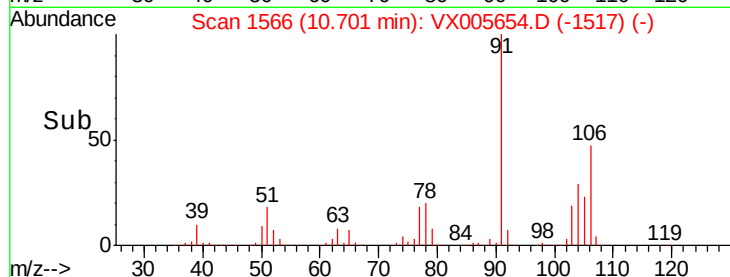
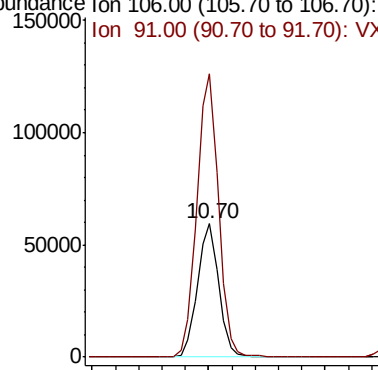
#69
o-Xylene
Concen: 19.936 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampled :
VX1029WBS01

Tot Ion:106 Resp: 75179
Ion Ratio Lower Upper
106 100
91 216.7 108.5 325.5

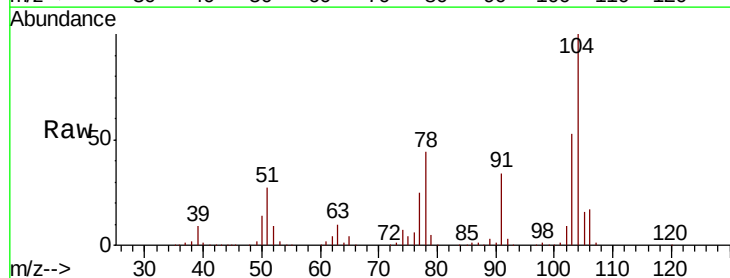


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

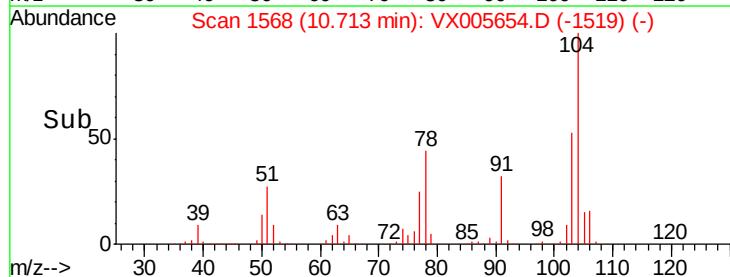
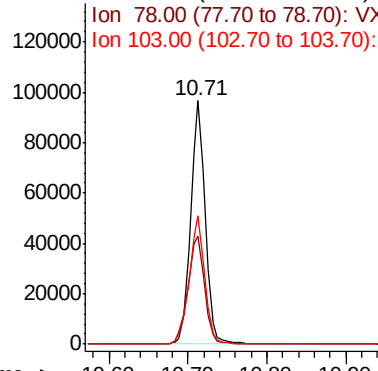


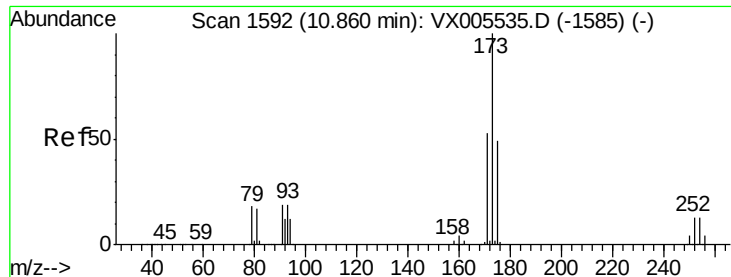
#70
Styrene
Concen: 19.777 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

Tgt Ion:104 Resp: 124850
Ion Ratio Lower Upper
104 100
78 51.3 40.2 60.4
103 56.1 44.9 67.3



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





#71

Bromoform

Concen: 18.670 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBS01

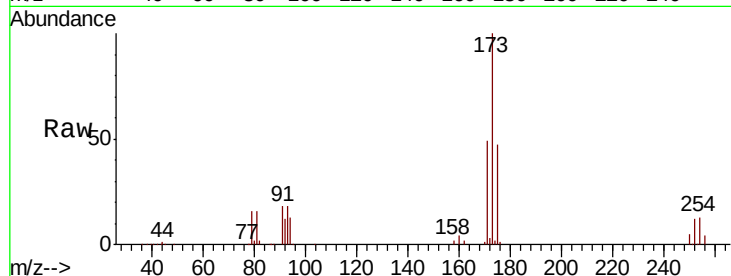
Tot Ion:173 Resp: 38147

Ion Ratio Lower Upper

173 100

175 49.3 24.8 74.3

254 0.0 0.2 0.2#

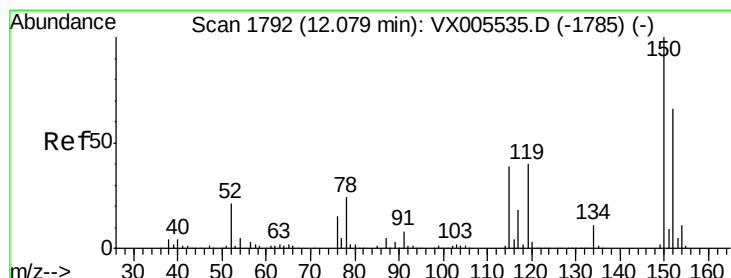
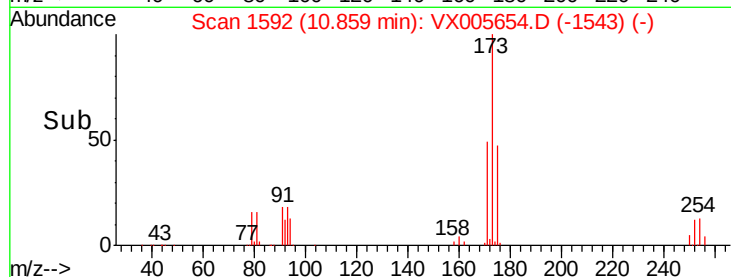
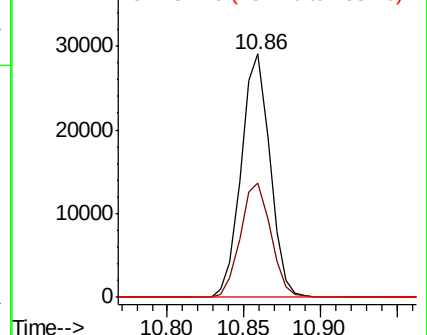


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

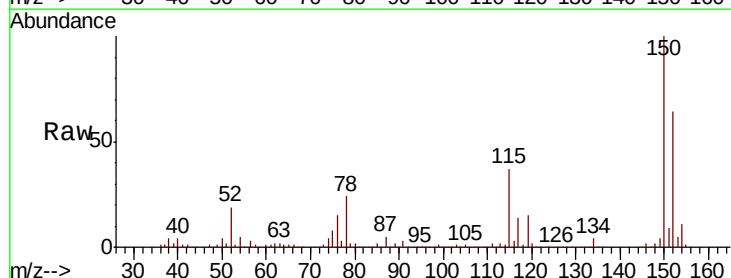
Tgt Ion:152 Resp: 169431

Ion Ratio Lower Upper

152 100

115 64.5 39.4 118.1

150 162.3 0.0 346.4

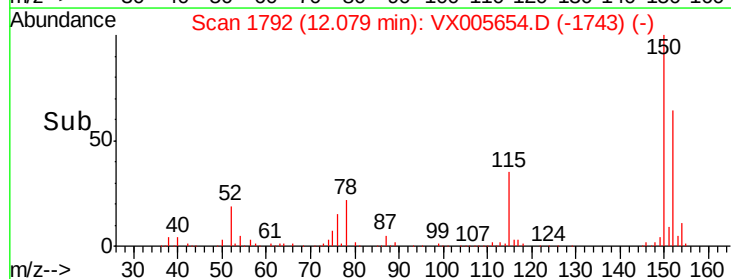
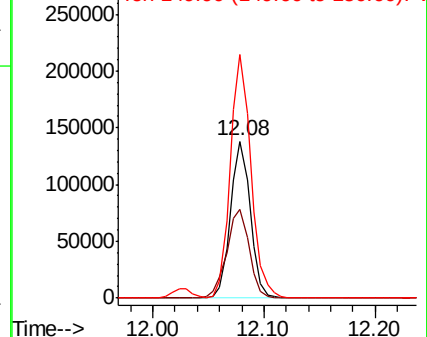


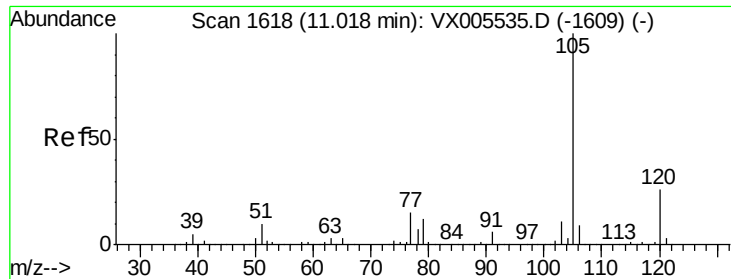
Abundance

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: 20.345 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

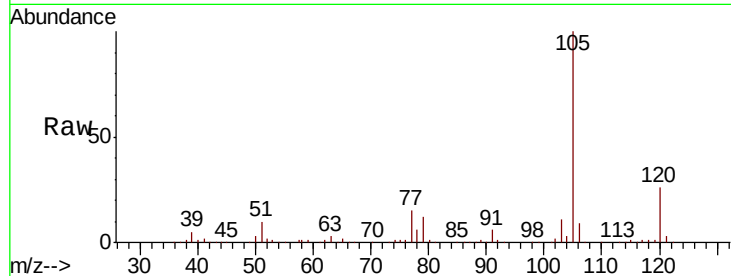
VX1029WBS01

Tot Ion:105 Resp: 210713

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

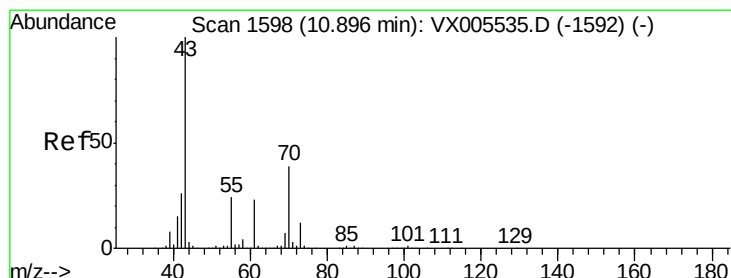
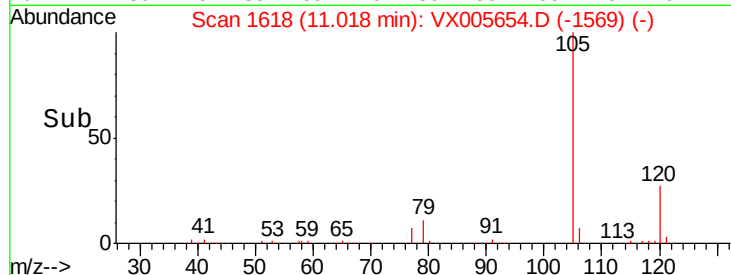
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 18.543 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Tgt Ion: 43 Resp: 95161

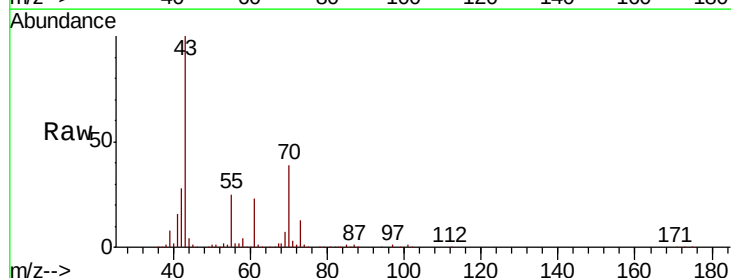
Ion Ratio Lower Upper

43 100

70 40.1 31.6 47.4

55 26.3 19.7 29.5

61 23.2 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

120000

100000

80000

60000

40000

20000

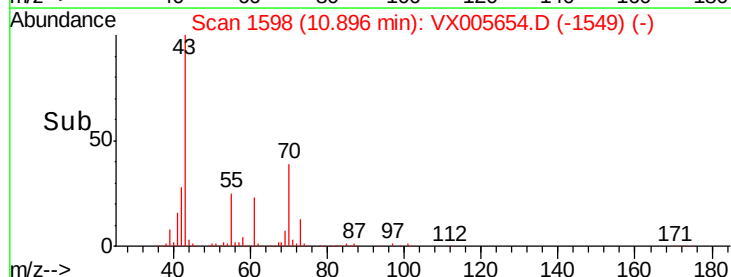
0

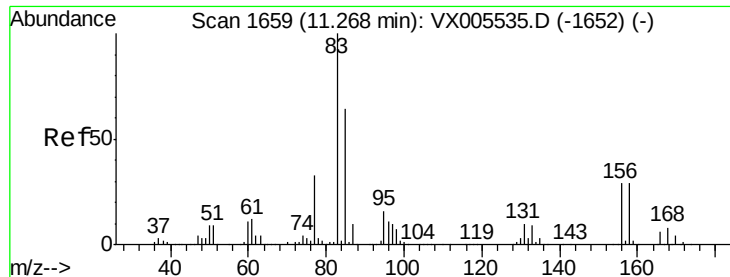
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.547 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBS01

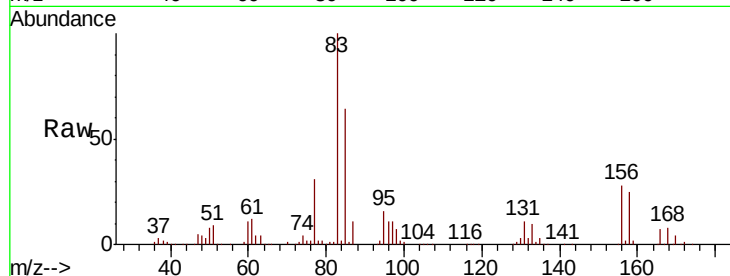
Tot Ion: 83 Resp: 70867

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.9

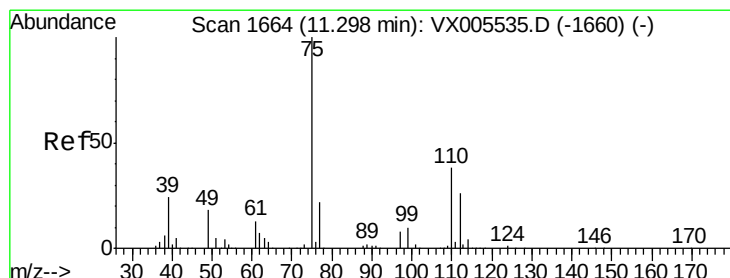
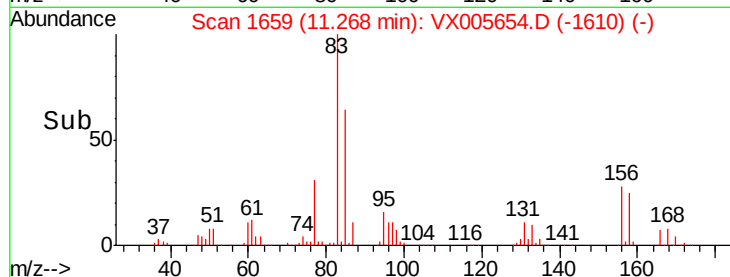
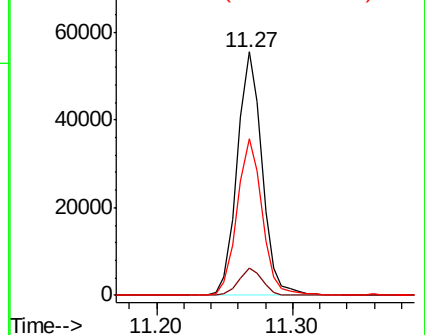
85 64.7 32.0 96.2



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: 23.648 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005654.D

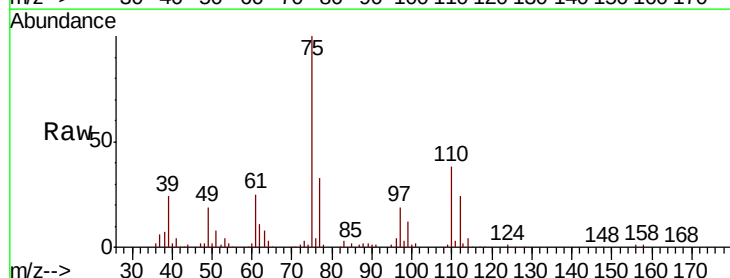
Acq: 29 Oct 2018 12:25

Tgt Ion: 75 Resp: 84893

Ion Ratio Lower Upper

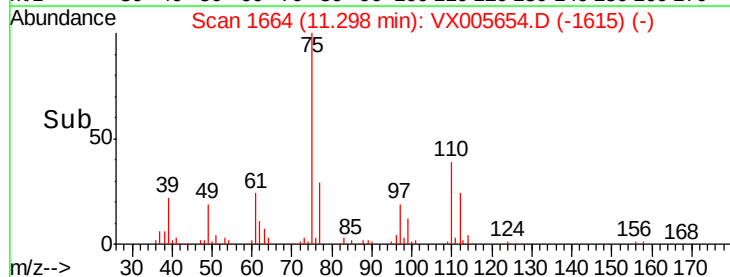
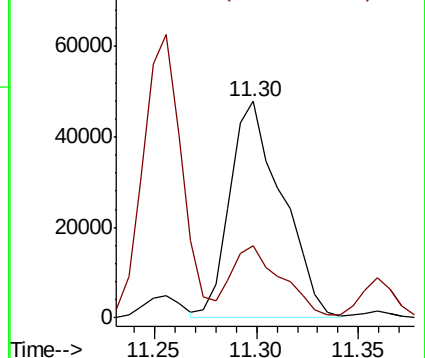
75 100

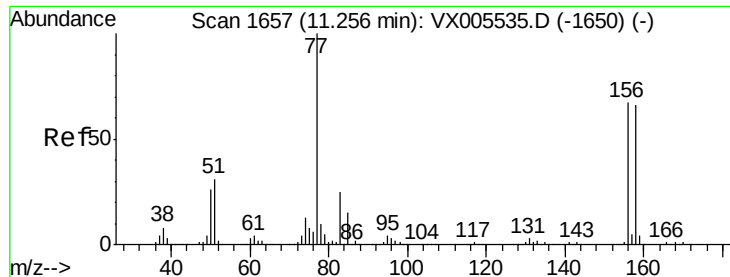
77 31.9 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.500 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBS01

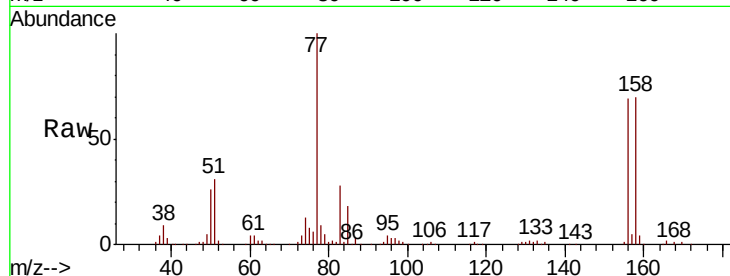
Tot Ion:156 Resp: 56286

Ion Ratio Lower Upper

156 100

77 146.6 74.8 224.4

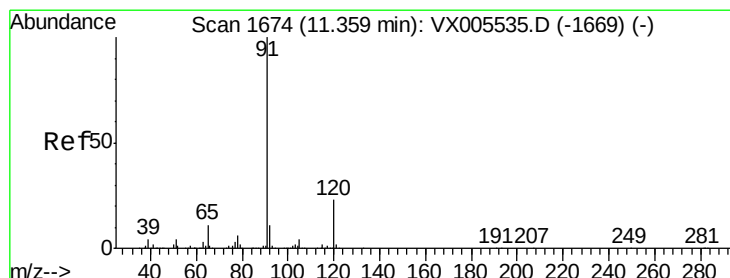
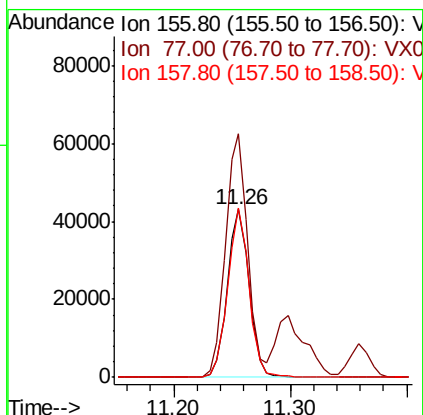
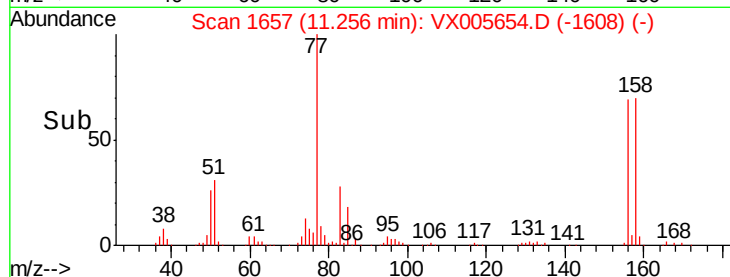
158 98.2 49.1 147.3



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: 20.585 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005654.D

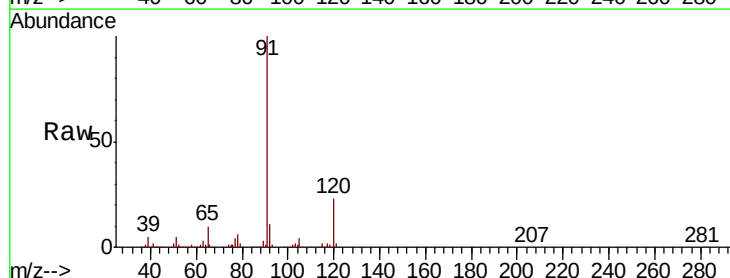
Acq: 29 Oct 2018 12:25

Tgt Ion: 91 Resp: 243786

Ion Ratio Lower Upper

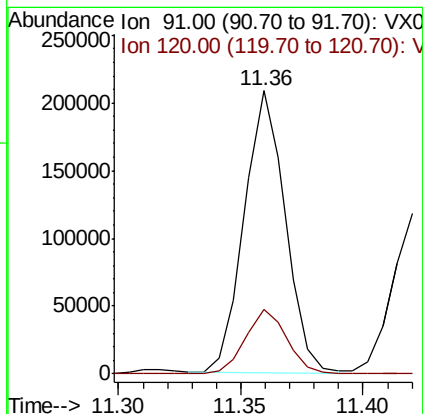
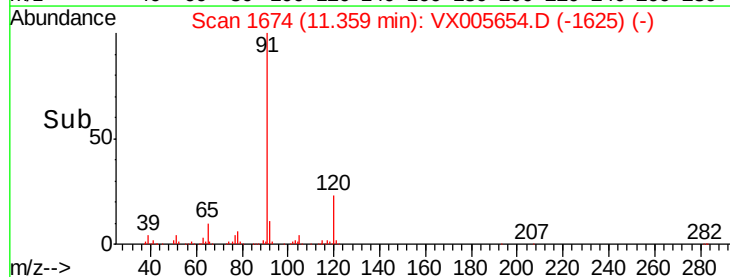
91 100

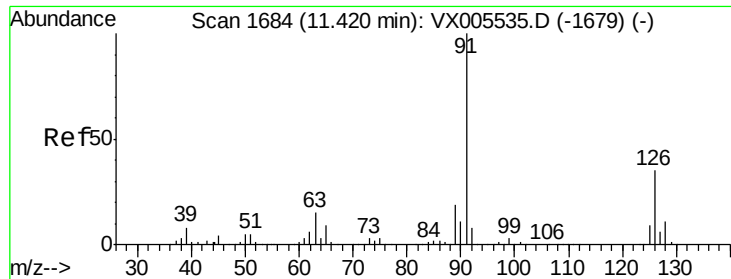
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

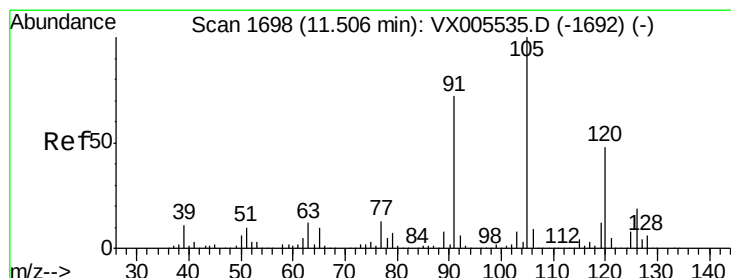
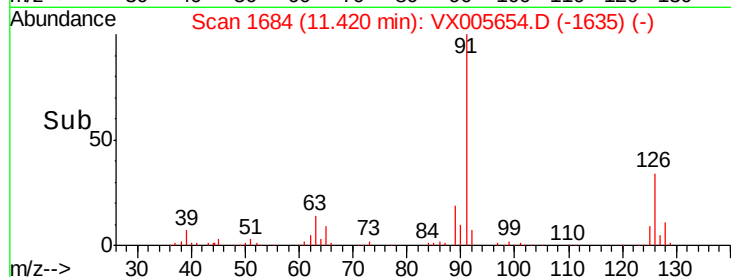
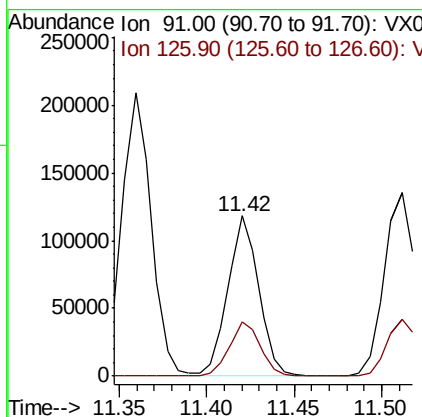
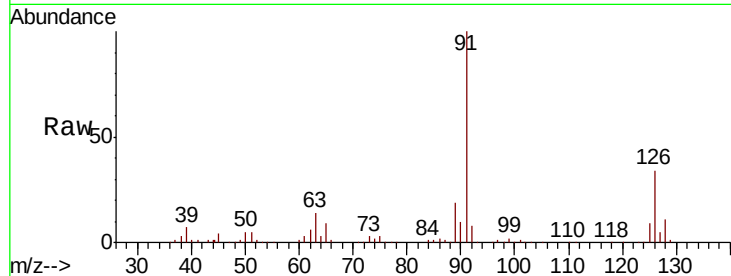




#79
 2-Chlorotoluene
 Concen: 19.678 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

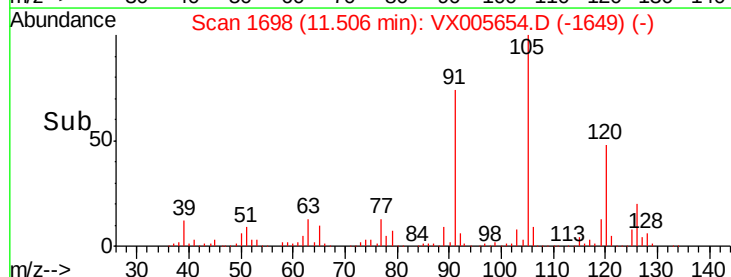
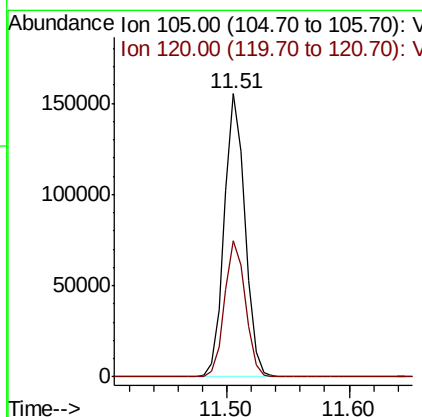
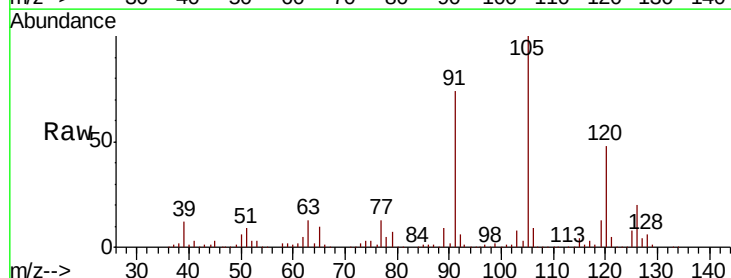
Instrument :
 MSVOA_X
 ClientSampled :
 VX1029WBS01

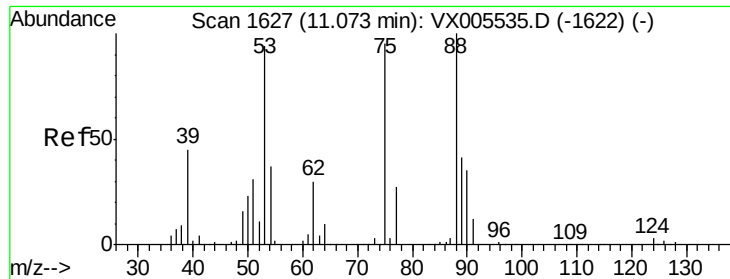
Tot Ion: 91 Resp: 144493
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.467 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

Tgt Ion: 105 Resp: 181337
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.1 72.2

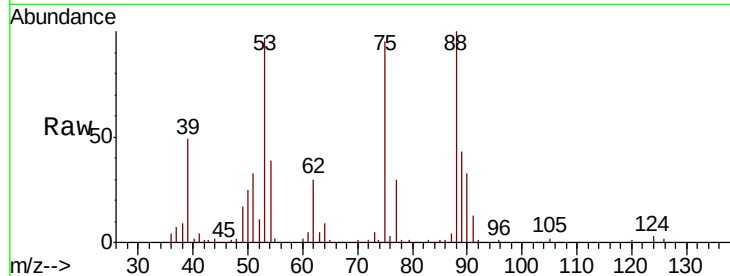




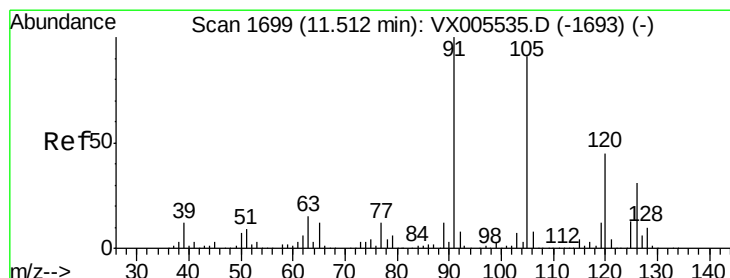
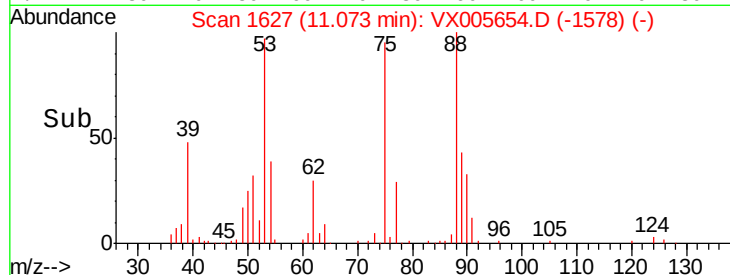
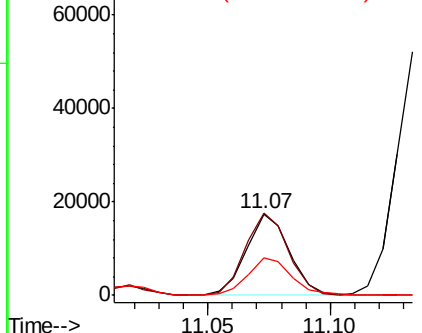
#81
trans-1,4-Dichloro-2-butene
Concen: 19.084 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tot Ion: 75 Resp: 20967
Ion Ratio Lower Upper
75 100
53 103.7 80.2 120.2
89 47.8 39.8 59.8

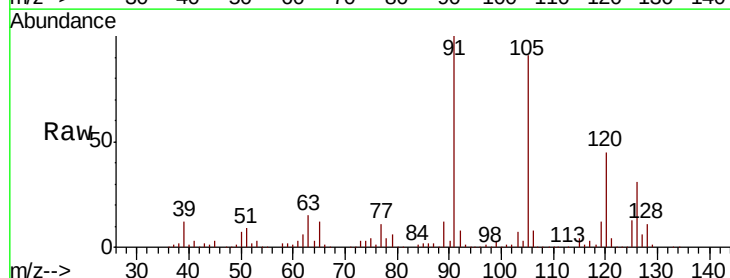


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

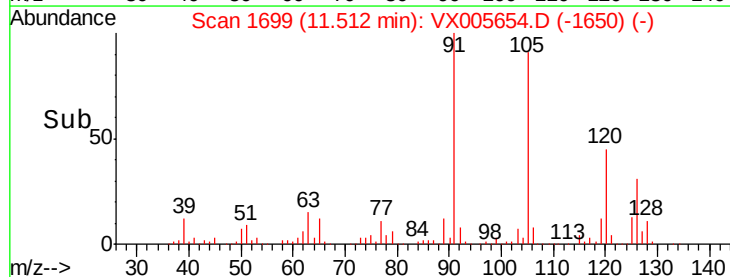
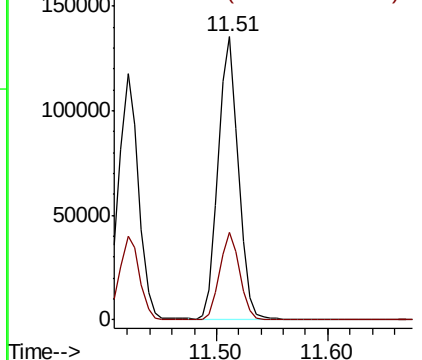


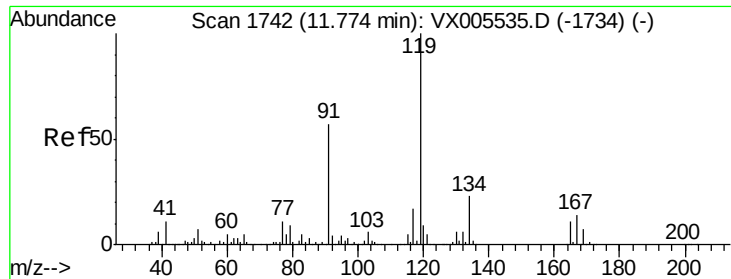
#82
4-Chlorotoluene
Concen: 19.684 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005654.D
Acq: 29 Oct 2018 12:25

Tgt Ion: 91 Resp: 170430
Ion Ratio Lower Upper
91 100
126 30.7 15.2 45.6



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

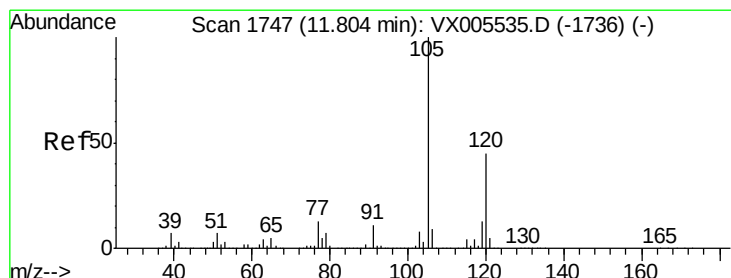
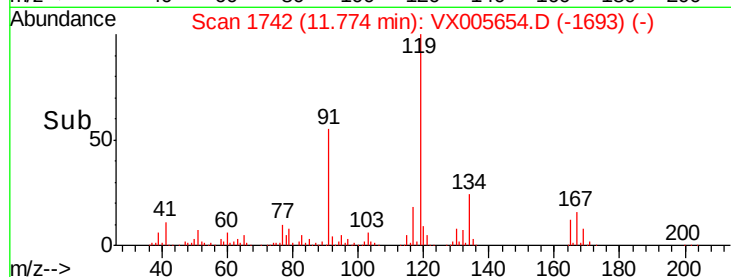
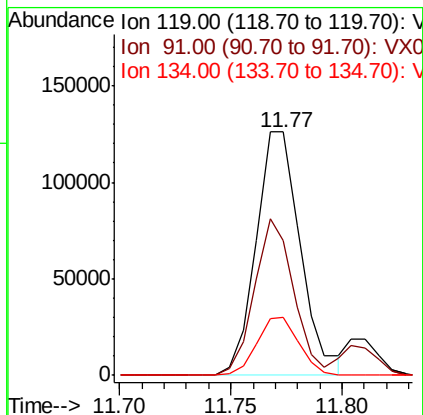
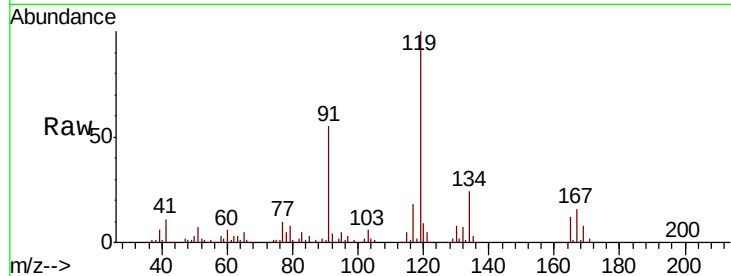




#83
 tert-Butylbenzene
 Concen: 19.838 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

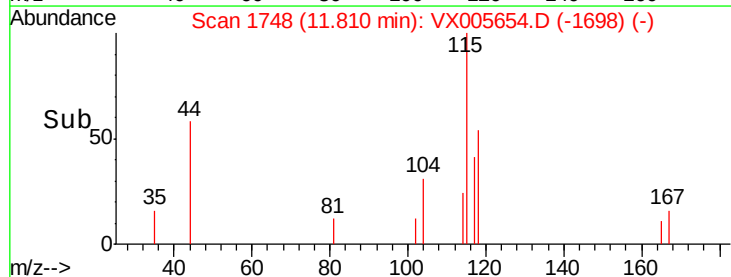
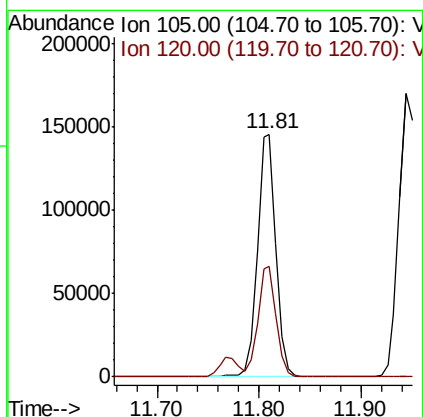
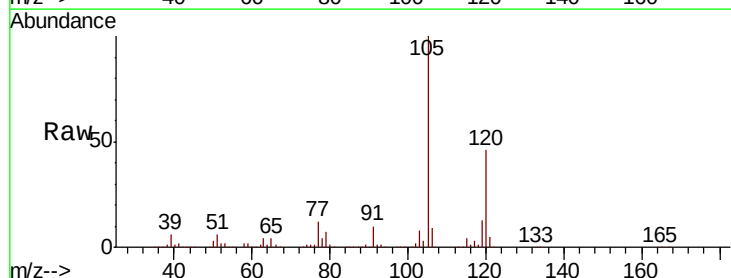
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS01

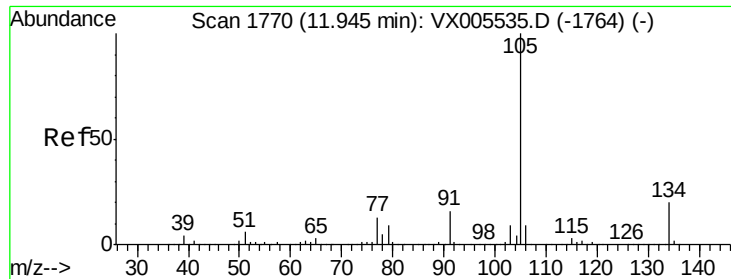
Tot Ion:119 Resp: 175202
 Ion Ratio Lower Upper
 119 100
 91 56.7 28.5 85.5
 134 22.8 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.675 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

Tgt Ion:105 Resp: 185647
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.0

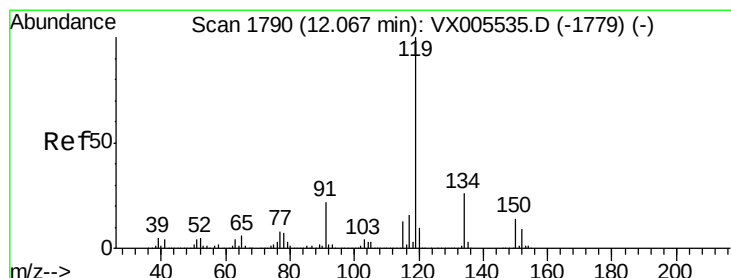
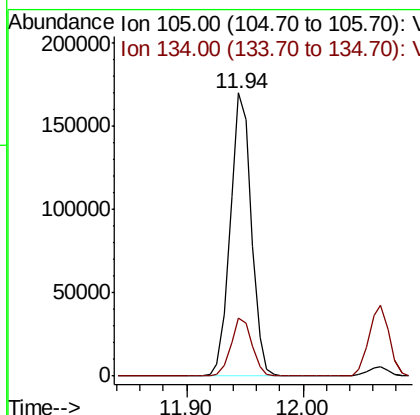
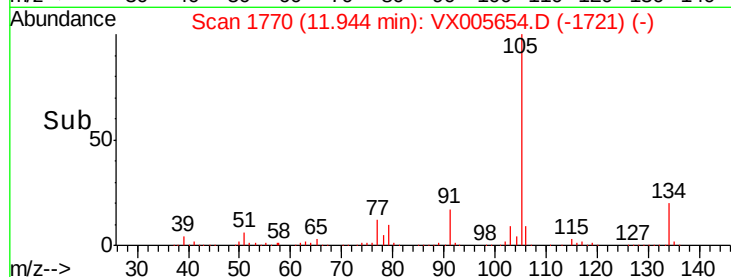
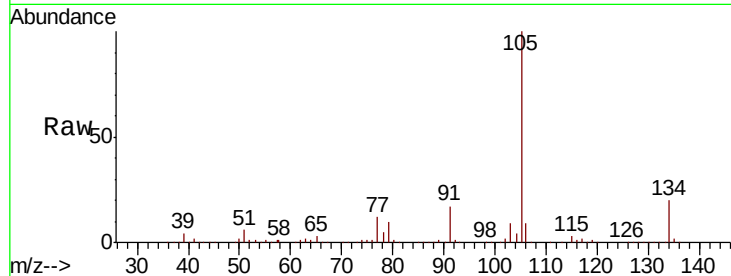




#85
 sec-Butylbenzene
 Concen: 20.310 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

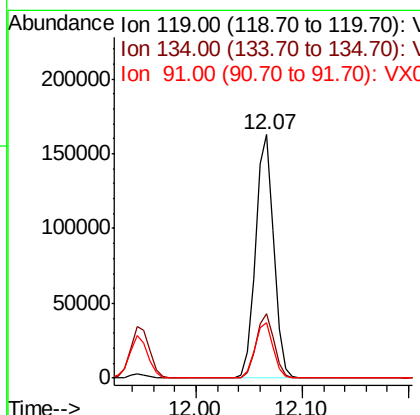
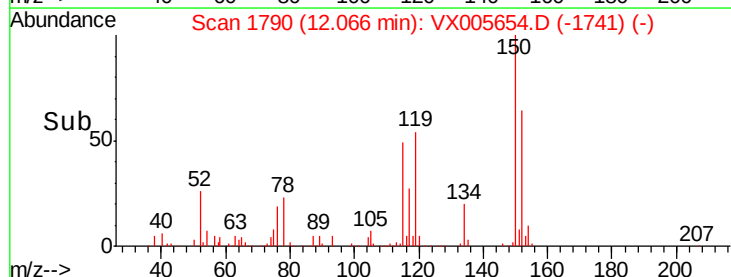
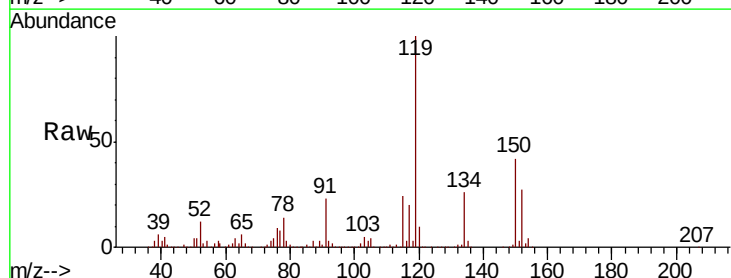
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS01

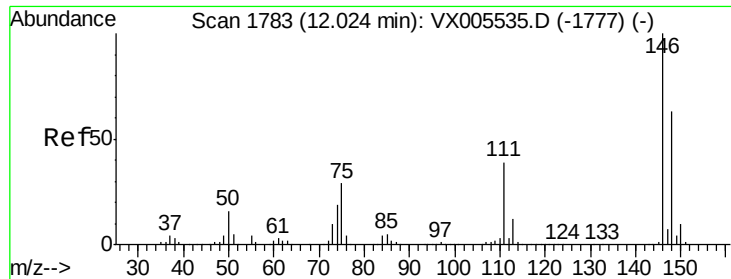
Tot Ion:105 Resp: 214036
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 20.692 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

Tgt Ion:119 Resp: 194933
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 23.1 11.4 34.2

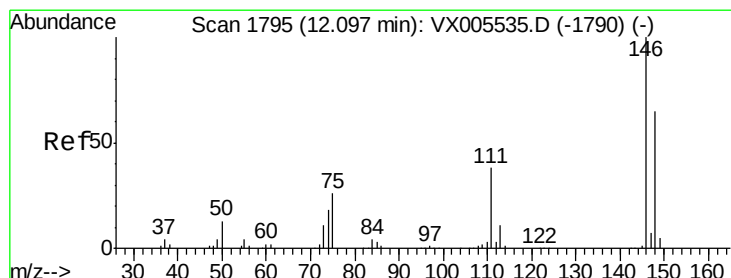
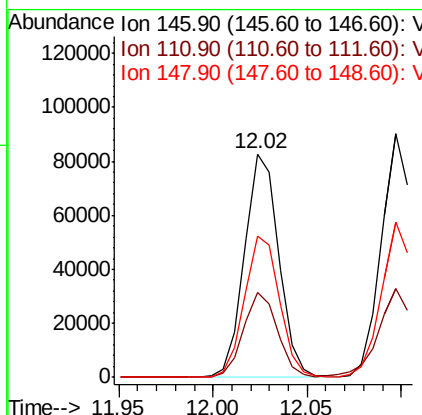
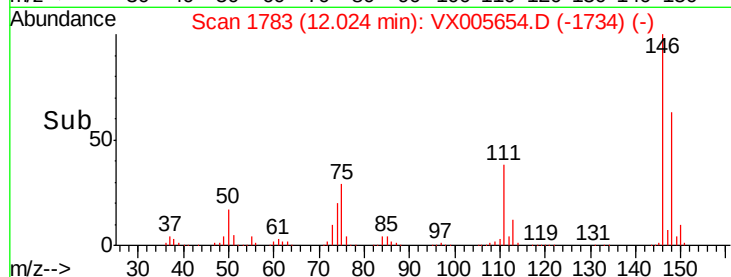
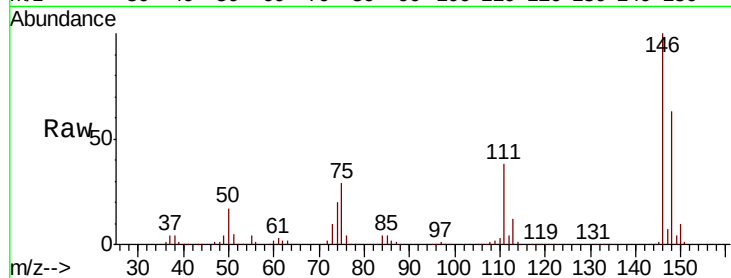




#87
 1,3-Dichlorobenzene
 Concen: 19.381 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

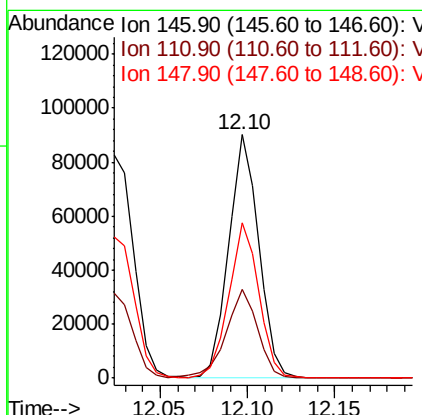
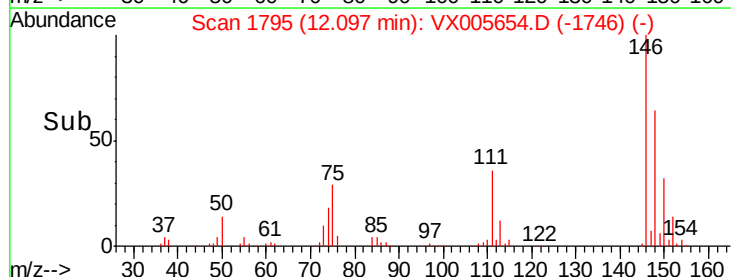
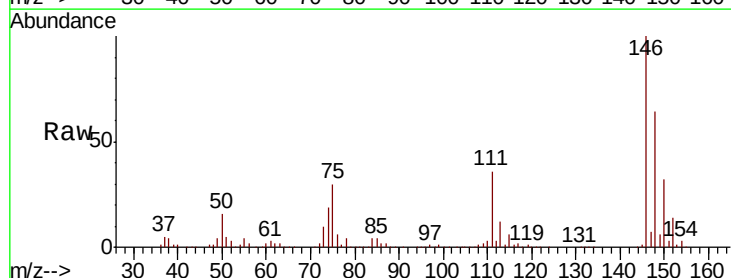
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS01

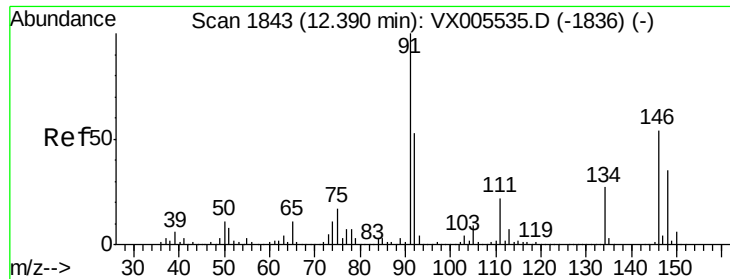
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.0	57.0
148	64.5	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.067 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.6	55.8
148	64.2	32.1	96.3





#89

n-Butylbenzene

Concen: 20.040 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBS01

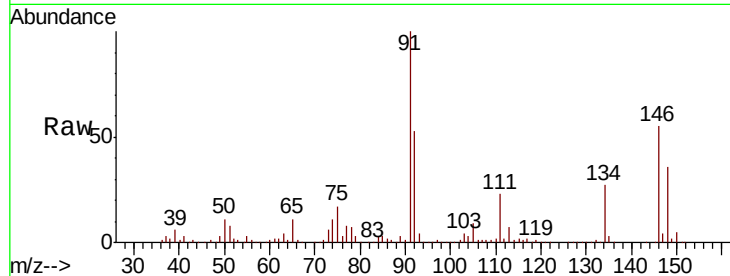
Tot Ion: 91 Resp: 170434

Ion Ratio Lower Upper

91 100

92 52.1 26.1 78.2

134 26.0 13.1 39.3

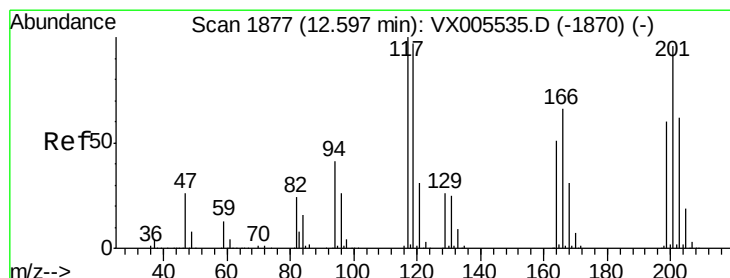
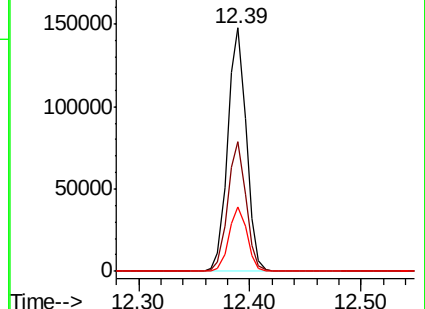
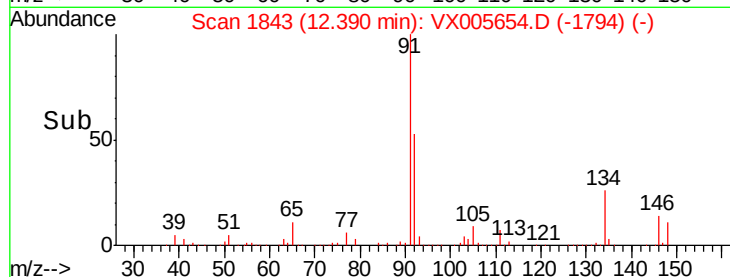


Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX005535.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX005535.D (-1836) (-)

Time-->



#90

Hexachloroethane

Concen: 19.463 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005654.D

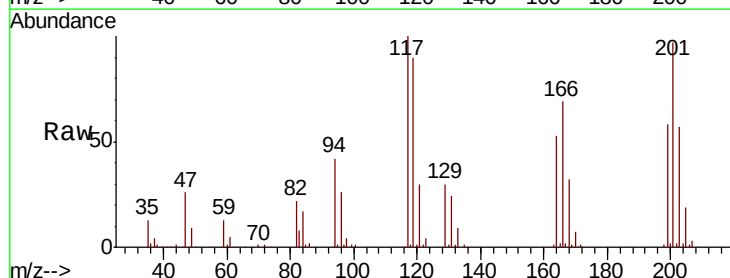
Acq: 29 Oct 2018 12:25

Tgt Ion: 117 Resp: 31624

Ion Ratio Lower Upper

117 100

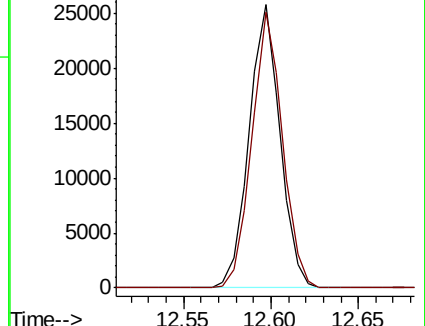
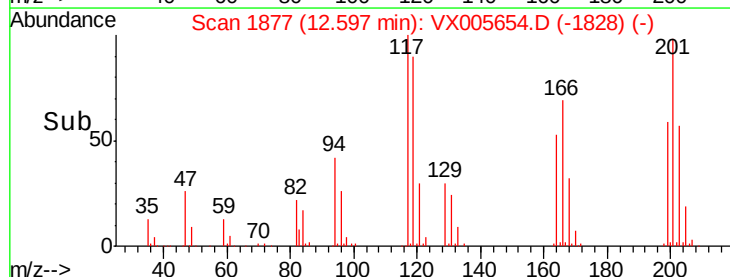
201 96.2 47.9 143.6

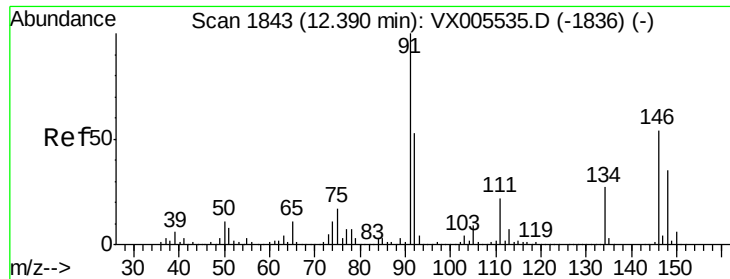


Abundance Ion 116.80 (116.50 to 117.50): VX005535.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX005535.D (-1870) (-)

Time-->

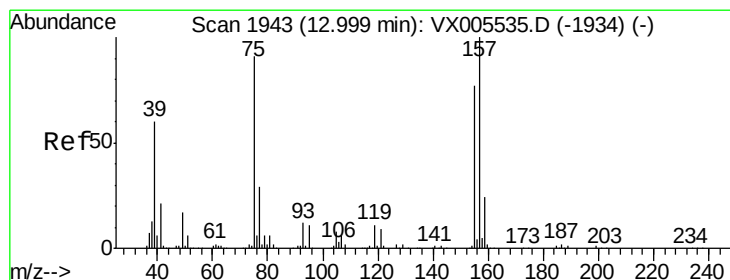
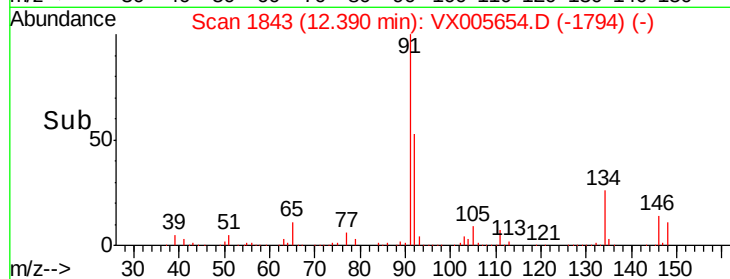
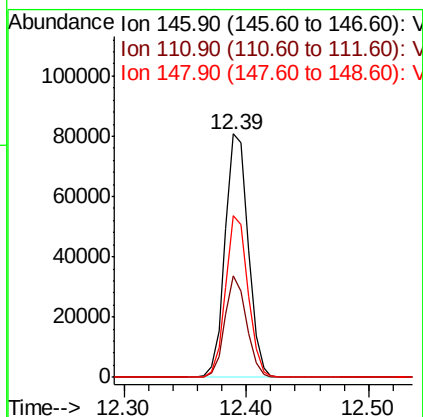
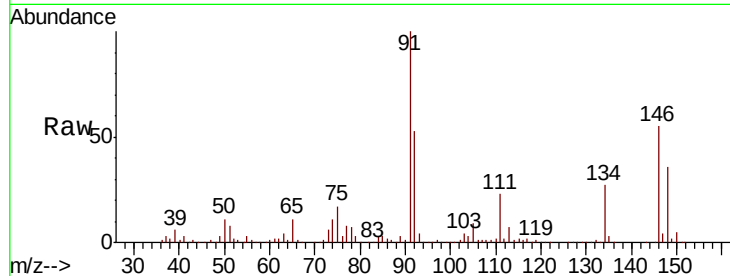




#91
 1,2-Dichlorobenzene
 Concen: 19.186 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

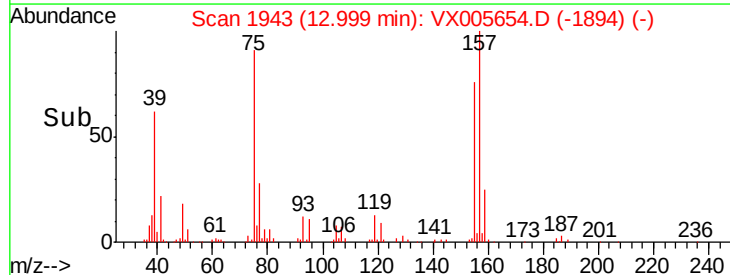
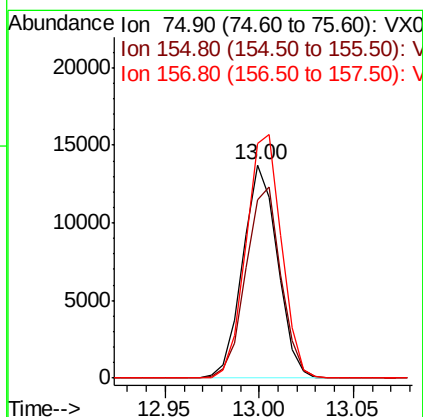
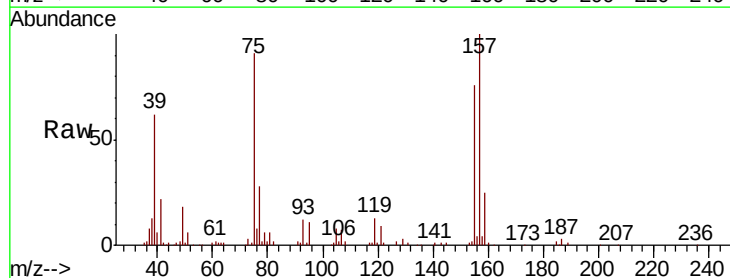
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS01

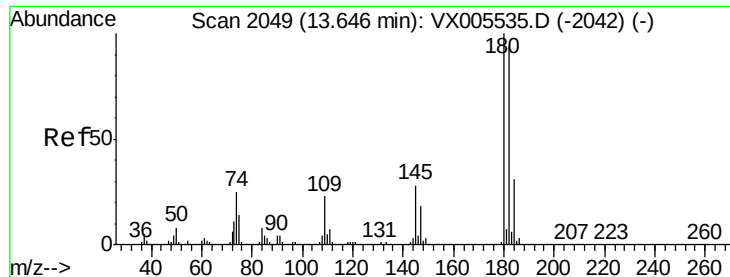
Tot Ion:146 Resp: 105358
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.0 59.9
 148 64.5 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.015 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

Tgt Ion: 75 Resp: 17568
 Ion Ratio Lower Upper
 75 100
 155 90.9 45.4 136.1
 157 116.2 57.4 172.0

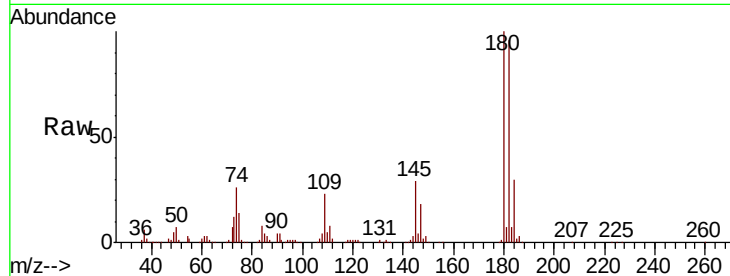




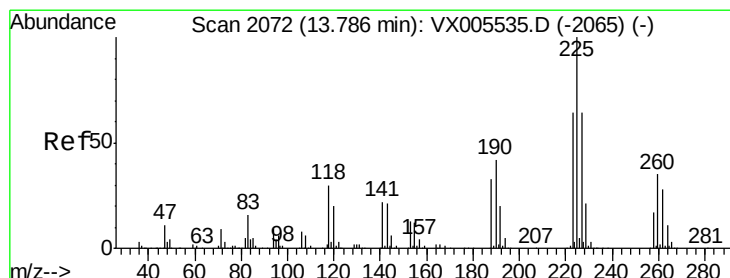
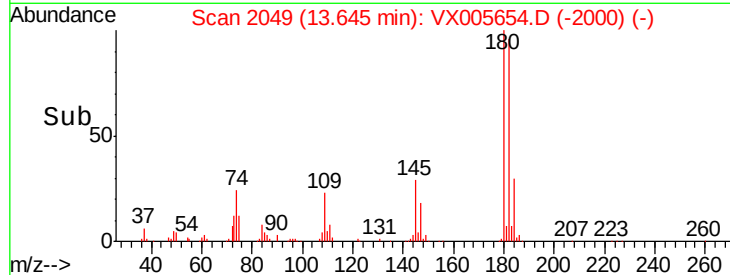
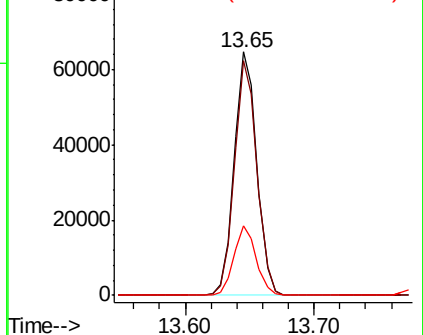
#93
 1,2,4-Trichlorobenzene
 Concen: 19.841 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS01

Tot Ion:180 Resp: 78983
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.6 142.8
 145 28.4 14.1 42.2

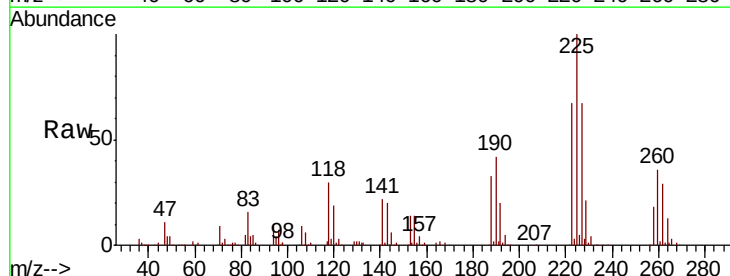


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

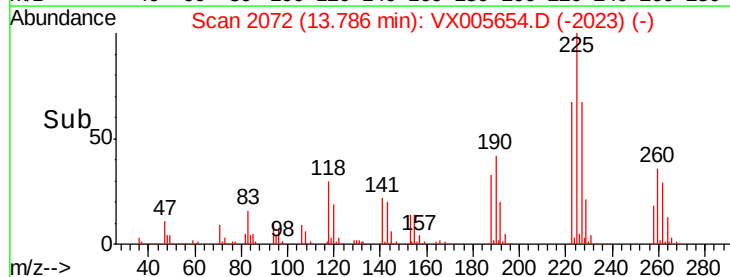
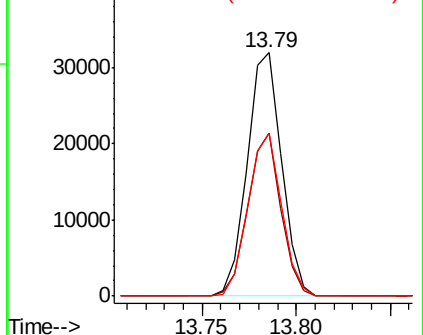


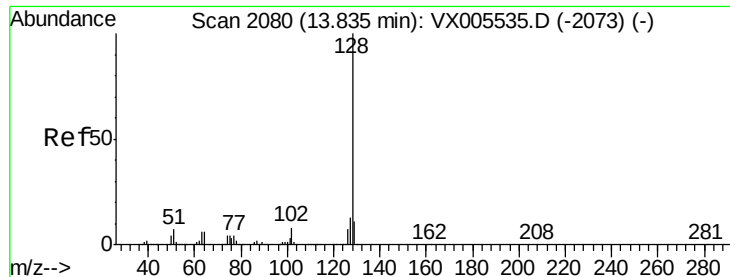
#94
 Hexachlorobutadiene
 Concen: 19.618 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005654.D
 Acq: 29 Oct 2018 12:25

Tgt Ion:225 Resp: 40470
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.7 95.1
 227 65.4 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.935 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBS01

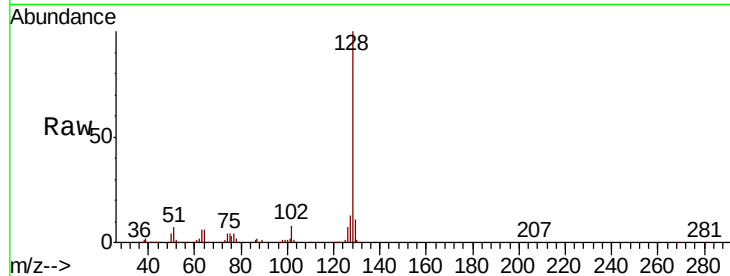
Tot Ion:128 Resp: 230672

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.0 8.7 13.1

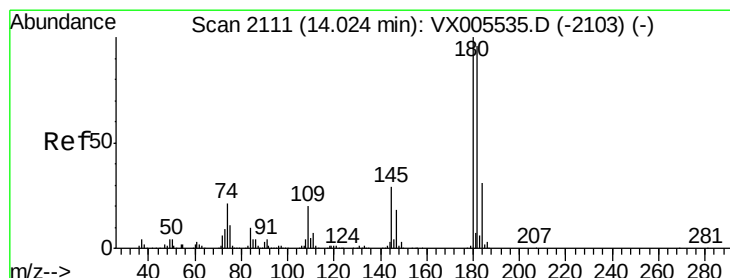
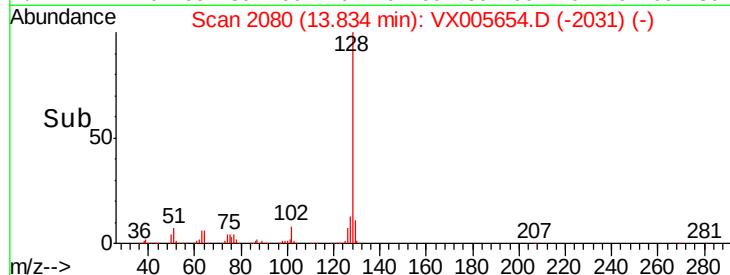
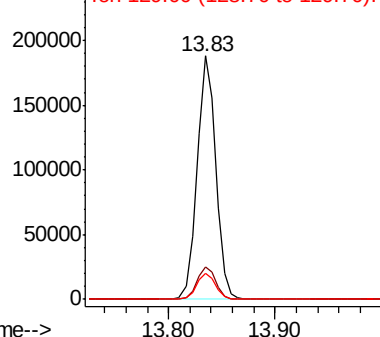


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.114 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005654.D

Acq: 29 Oct 2018 12:25

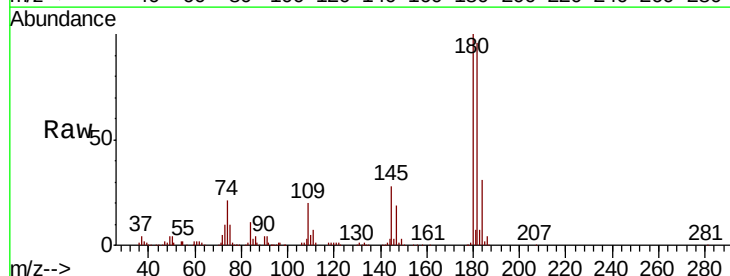
Tgt Ion:180 Resp: 81166

Ion Ratio Lower Upper

180 100

182 94.5 48.0 144.2

145 30.5 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

