

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005540.D
 Acq On : 24 Oct 2018 14:37
 Operator : JC/MD
 Sample : VX1024WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

Quant Time: Oct 25 04:52:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175628	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	138292	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
35) Dibromofluoromethane	5.50	113	107671	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
50) Toluene-d8	8.71	98	418630	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.14	95	154954	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	33239	14.469	ug/l	100
3) Chloromethane	1.32	50	48291	16.507	ug/l	99
4) Vinyl Chloride	1.40	62	48106	16.723	ug/l	99
5) Bromomethane	1.64	94	30406	16.987	ug/l	99
6) Chloroethane	1.71	64	31573	17.181	ug/l	98
7) Trichlorofluoromethane	1.93	101	72733	18.197	ug/l	96
8) Diethyl Ether	2.19	74	29420	18.444	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	43118	18.801	ug/l	99
10) Methyl Iodide	2.51	142	29021	14.182	ug/l	97
11) Tert butyl alcohol	3.07	59	71702	93.790	ug/l	98
12) 1,1-Dichloroethene	2.37	96	38851	17.783	ug/l	91
13) Acrolein	2.29	56	37801	96.931	ug/l	96
14) Allyl chloride	2.73	41	90356	18.532	ug/l	96
15) Acrylonitrile	3.15	53	156495	91.288	ug/l	98
16) Acetone	2.45	43	138219	92.072	ug/l	97
17) Carbon Disulfide	2.57	76	117779	17.685	ug/l	100
18) Methyl Acetate	2.78	43	73234	18.836	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	146201	18.760	ug/l	98
20) Methylene Chloride	2.85	84	46311	18.419	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	44119	18.496	ug/l	96
22) Diisopropyl ether	3.87	45	163382	19.189	ug/l	91
23) Vinyl Acetate	3.82	43	742684	99.040	ug/l #	93
24) 1,1-Dichloroethane	3.70	63	86941	18.781	ug/l	98
25) 2-Butanone	4.70	43	209308	91.559	ug/l	93
26) 2,2-Dichloropropane	4.58	77	65720	18.389	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	46127	17.937	ug/l	92
28) Bromochloromethane	5.01	49	42649	19.049	ug/l	88
29) Tetrahydrofuran	5.15	42	135478	91.065	ug/l	91
30) Chloroform	5.21	83	79790	18.427	ug/l	97
31) Cyclohexane	5.57	56	71758	18.735	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	69235	18.116	ug/l	99
36) 1,1-Dichloropropene	5.80	75	60189	18.548	ug/l	99
37) Ethyl Acetate	4.85	43	77018	18.599	ug/l	97
38) Carbon Tetrachloride	5.78	117	61981	18.135	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005540.D
 Acq On : 24 Oct 2018 14:37
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 Sample : VX1024WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

Quant Time: Oct 25 04:52:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70869	19.778	ug/l	93
40) Benzene	6.14	78	176561	18.980	ug/l	98
41) Methacrylonitrile	5.06	41	43096	18.683	ug/l	95
42) 1,2-Dichloroethane	6.20	62	65357	18.495	ug/l	96
43) Isopropyl Acetate	6.46	43	113275	18.255	ug/l	96
44) Trichloroethene	7.21	130	48640	19.194	ug/l	97
45) 1,2-Dichloropropane	7.52	63	49432	19.765	ug/l	93
46) Dibromomethane	7.66	93	31214	19.324	ug/l	98
47) Bromodichloromethane	7.90	83	59202	18.884	ug/l	100
48) Methyl methacrylate	7.77	41	59082	19.544	ug/l	94
49) 1,4-Dioxane	7.75	88	25896	391.996	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	402614	96.543	ug/l	93
52) Toluene	8.79	92	112691	19.933	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	65435	19.313	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	71286	19.542	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	46280	19.417	ug/l	96
56) Ethyl methacrylate	9.18	69	67784	19.066	ug/l	91
57) 1,3-Dichloropropane	9.37	76	77257	19.156	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	201350	101.403	ug/l	94
59) 2-Hexanone	9.49	43	318012	96.717	ug/l	91
60) Dibromochloromethane	9.59	129	47491	19.097	ug/l	100
61) 1,2-Dibromoethane	9.67	107	48076	19.497	ug/l	99
64) Tetrachloroethene	9.34	164	50287	19.392	ug/l	98
65) Chlorobenzene	10.14	112	126844	19.068	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	45071	18.582	ug/l	99
67) Ethyl Benzene	10.25	91	213025	19.464	ug/l	96
68) m/p-Xylenes	10.36	106	165567	38.992	ug/l	93
69) o-Xylene	10.70	106	78101	19.550	ug/l	93
70) Styrene	10.71	104	130193	19.468	ug/l	95
71) Bromoform	10.86	173	38387	17.736	ug/l #	99
73) Isopropylbenzene	11.02	105	218016	20.307	ug/l	99
74) N-amyl acetate	10.90	43	101236	19.031	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	74161	18.724	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	85813	23.988	ug/l	87
77) Bromobenzene	11.26	156	58575	19.577	ug/l	98
78) n-propylbenzene	11.36	91	252897	20.601	ug/l	99
79) 2-Chlorotoluene	11.42	91	151811	19.945	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	187269	20.391	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	20840	18.300	ug/l	92
82) 4-Chlorotoluene	11.51	91	180350	20.094	ug/l	99
83) tert-Butylbenzene	11.77	119	181132	19.786	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	193136	20.750	ug/l	97
85) sec-Butylbenzene	11.94	105	221960	20.319	ug/l	98
86) p-Isopropyltoluene	12.07	119	201698	20.655	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	108864	19.349	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	111355	18.922	ug/l	98
89) n-Butylbenzene	12.39	91	175490	19.906	ug/l	98
90) Hexachloroethane	12.60	117	31495	18.700	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	108933	19.137	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17792	18.578	ug/l	93

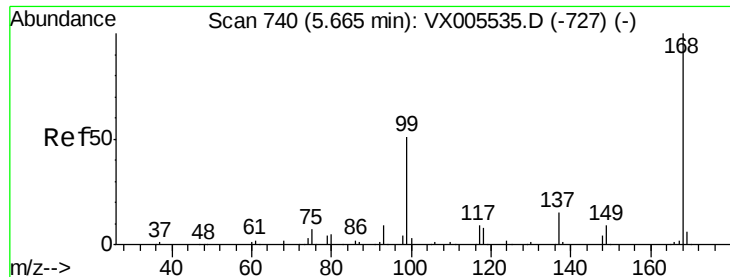
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102418\
Data File : VX005540.D
Acq On : 24 Oct 2018 14:37
Operator : JC/MD
Sample : VX1024WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Quant Time: Oct 25 04:52:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	81598	19.775	ug/l	99
94) Hexachlorobutadiene	13.79	225	41126	19.232	ug/l	96
95) Naphthalene	13.83	128	239611	19.977	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	83221	19.896	ug/l	98

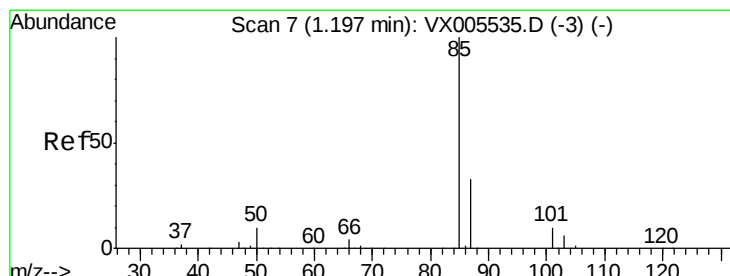
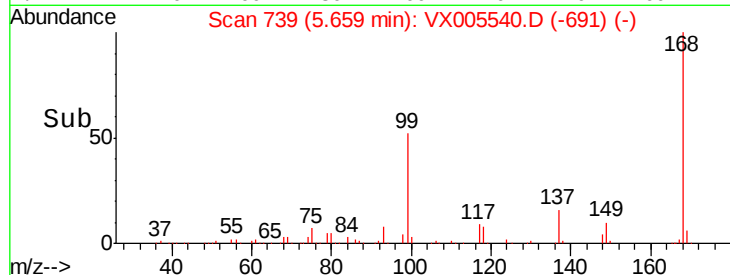
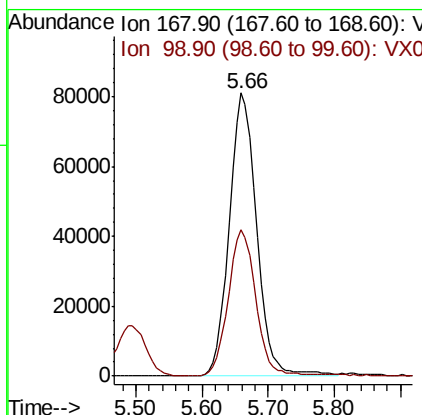
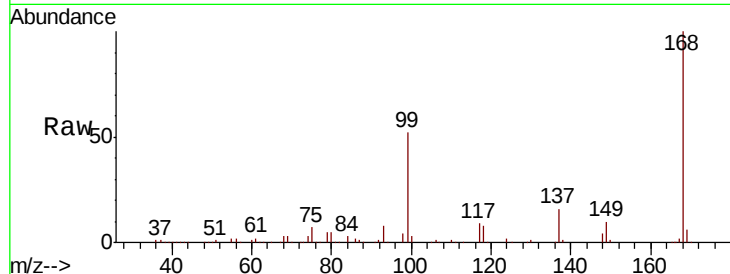
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

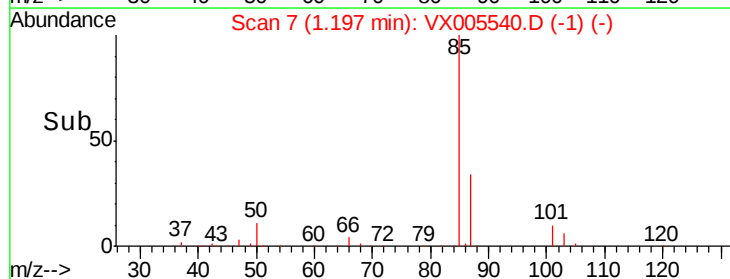
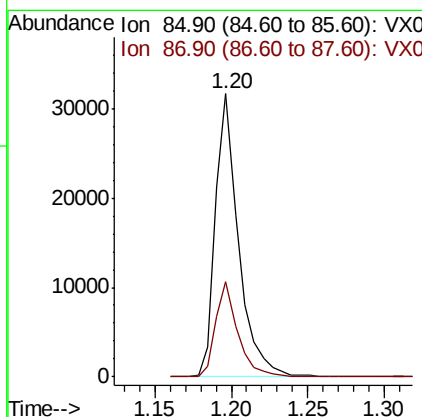
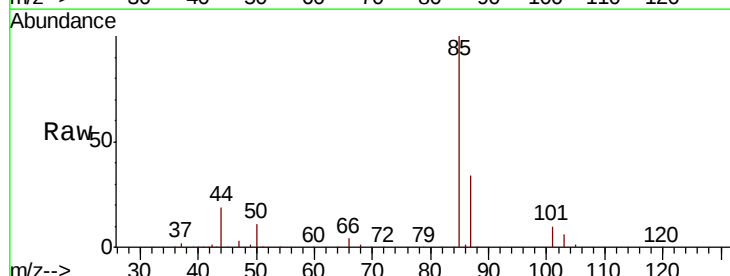
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

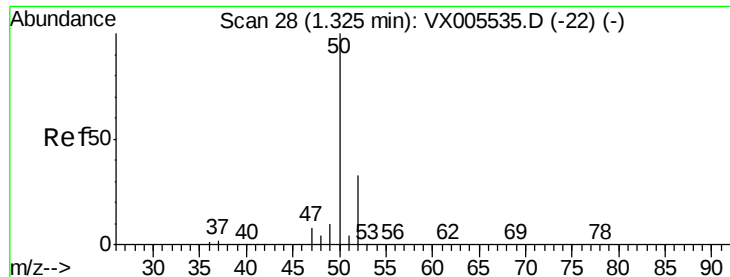
Tot Ion:168 Resp: 232735
Ion Ratio Lower Upper
168 100
99 51.5 39.9 59.9



#2
Dichlorodifluoromethane
Concen: 14.469 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion: 85 Resp: 33239
Ion Ratio Lower Upper
85 100
87 33.7 17.0 50.9





#3

Chloromethane

Concen: 16.507 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

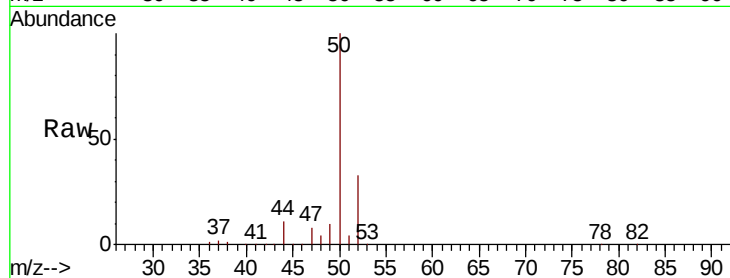
VX1024WBS01

Tot Ion: 50 Resp: 48291

Ion Ratio Lower Upper

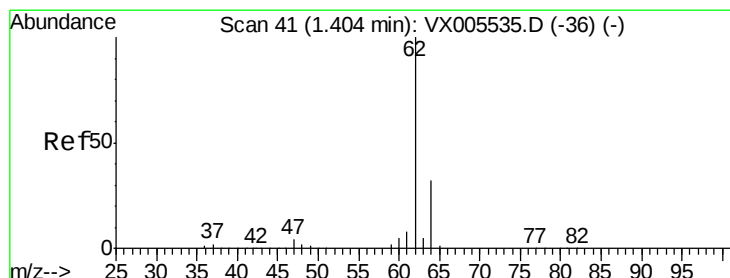
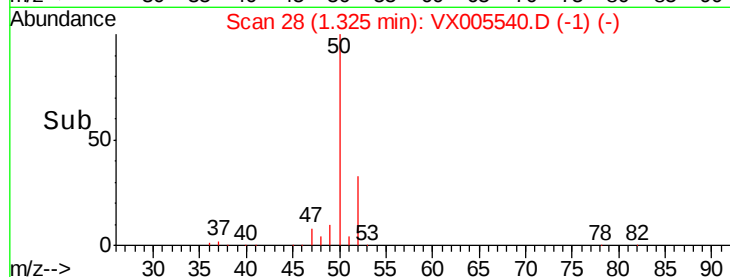
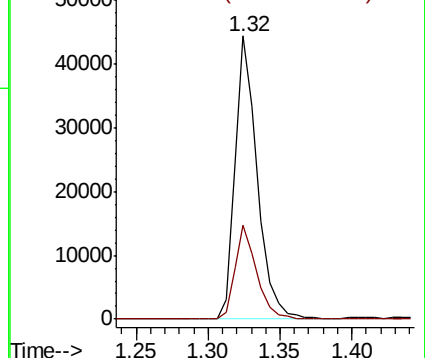
50 100

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: 16.723 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005540.D

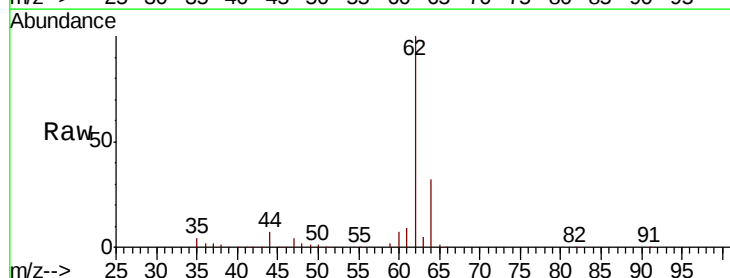
Acq: 24 Oct 2018 14:37

Tgt Ion: 62 Resp: 48106

Ion Ratio Lower Upper

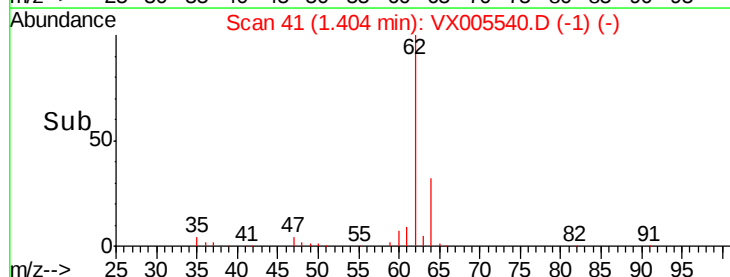
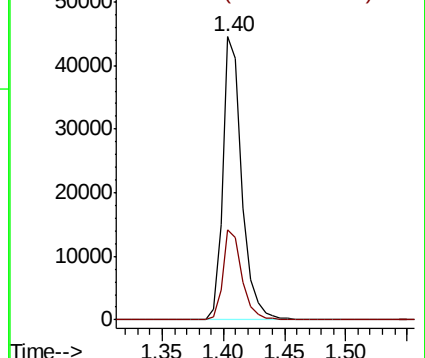
62 100

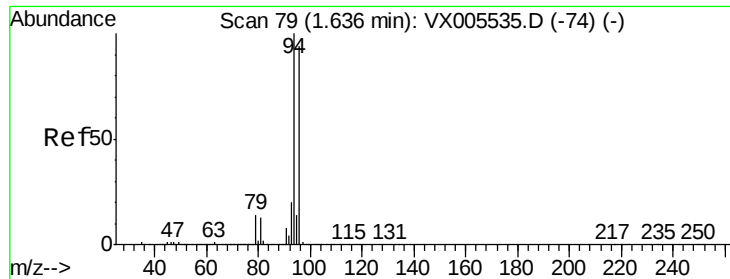
64 31.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.987 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

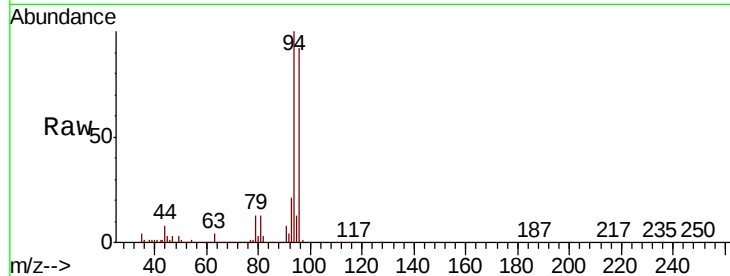
VX1024WBS01

Tot Ion: 94 Resp: 30406

Ion Ratio Lower Upper

94 100

96 92.5 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

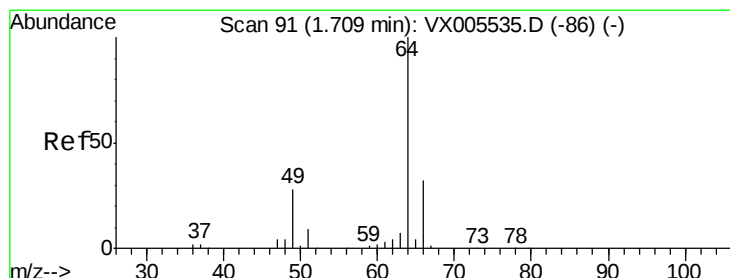
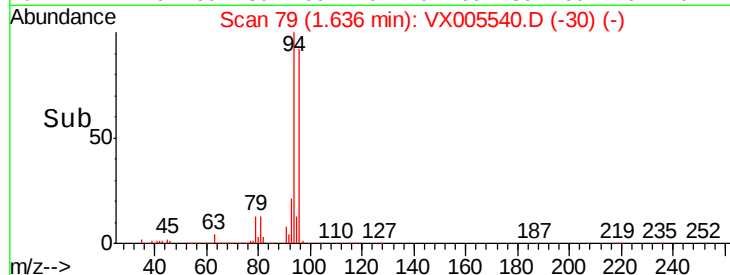
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 17.181 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005540.D

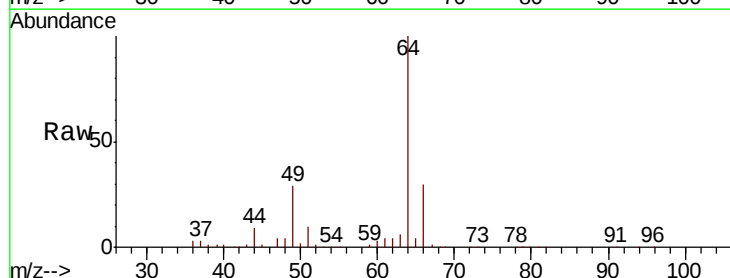
Acq: 24 Oct 2018 14:37

Tgt Ion: 64 Resp: 31573

Ion Ratio Lower Upper

64 100

66 29.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

25000

20000

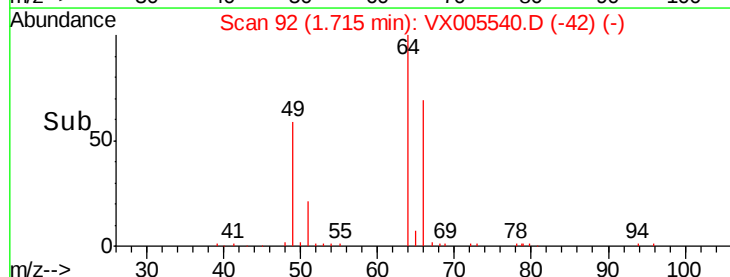
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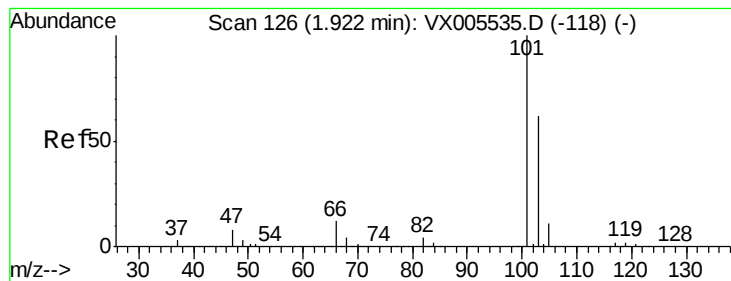
10000

5000

0

Time--> 1.60 1.70 1.80 1.90



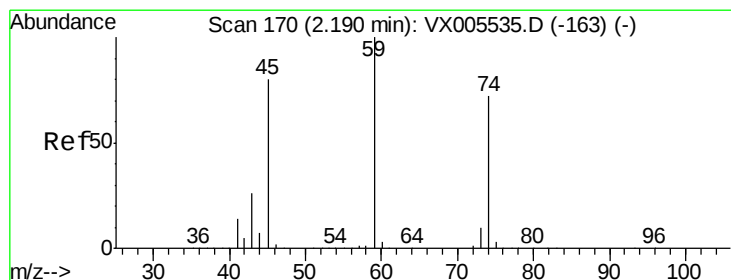
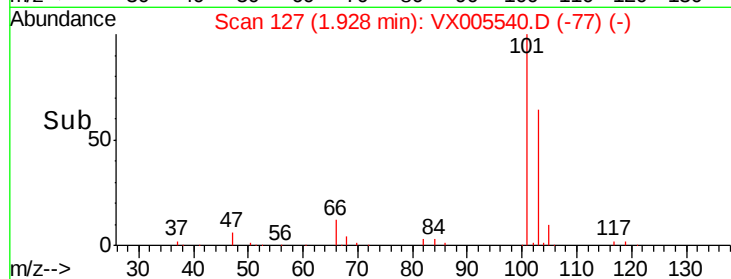
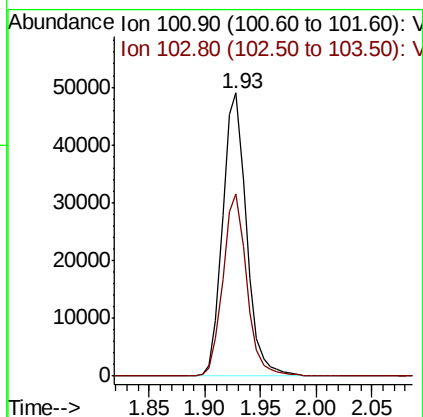
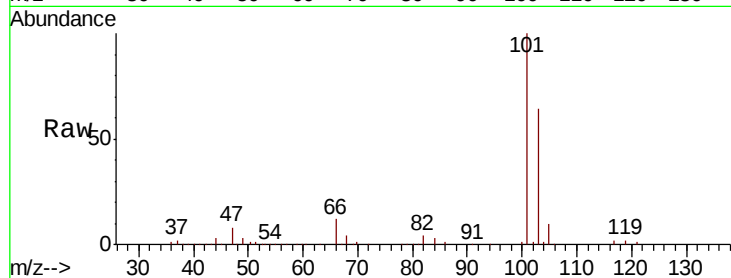


#7

Trichlorofluoromethane
 Concen: 18.197 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

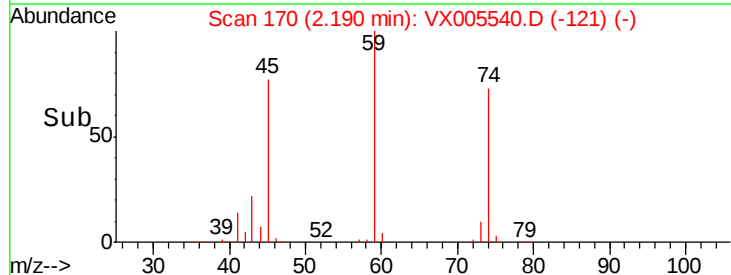
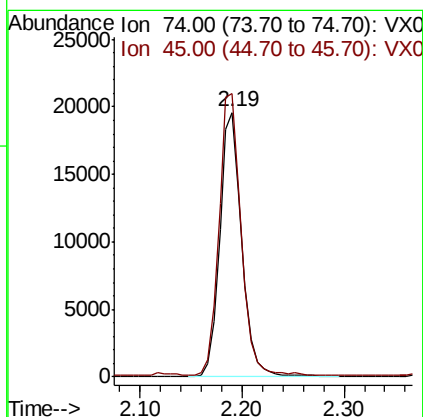
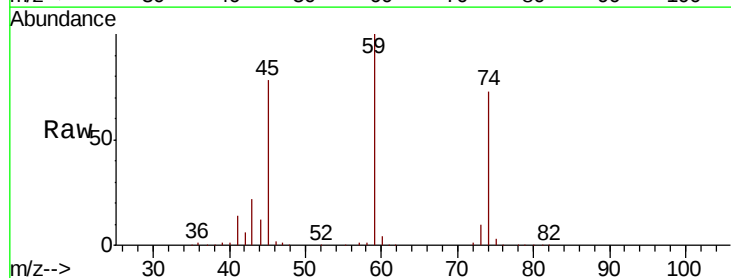
Tot Ion:101 Resp: 72733
 Ion Ratio Lower Upper
 101 100
 103 64.5 48.9 73.3

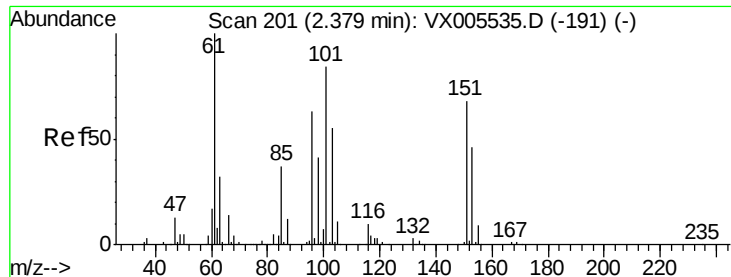


#8

Diethyl Ether
 Concen: 18.444 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Tgt Ion: 74 Resp: 29420
 Ion Ratio Lower Upper
 74 100
 45 107.7 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.801 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

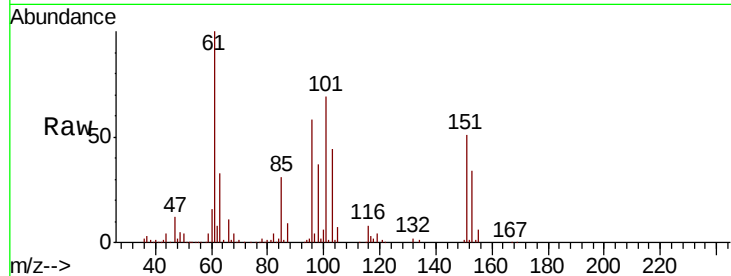
Tot Ion:101 Resp: 43118

Ion Ratio Lower Upper

101 100

85 45.1 34.2 51.4

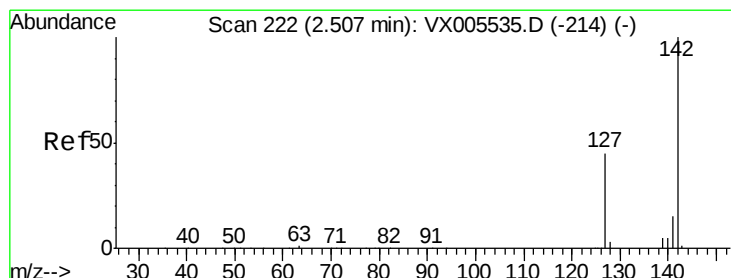
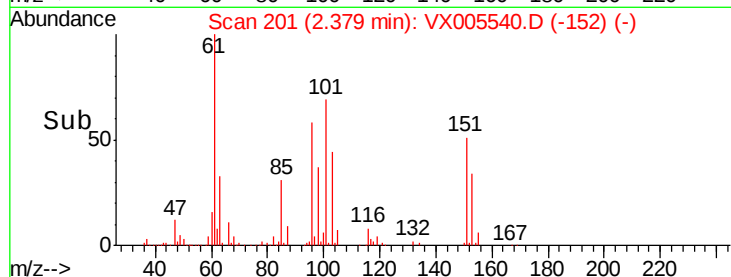
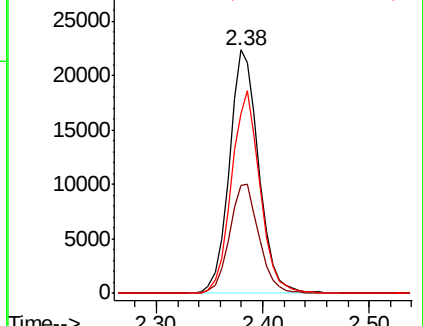
151 81.0 65.0 97.6



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: 14.182 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

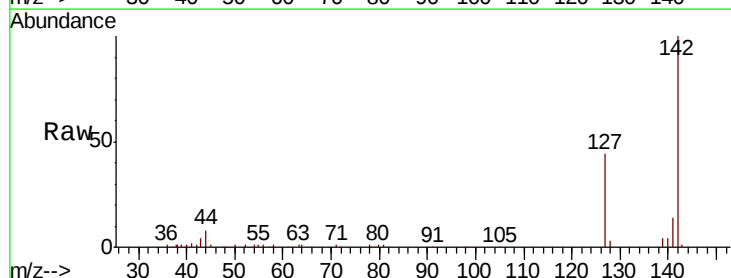
Tgt Ion:142 Resp: 29021

Ion Ratio Lower Upper

142 100

127 44.7 33.8 50.6

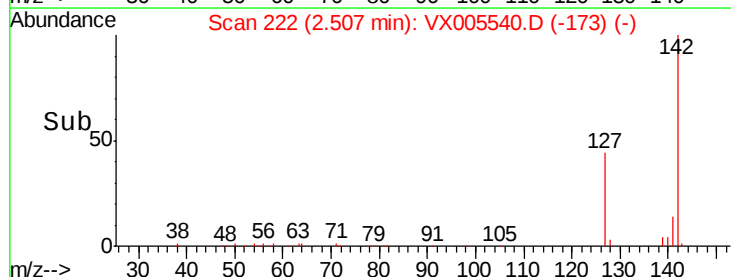
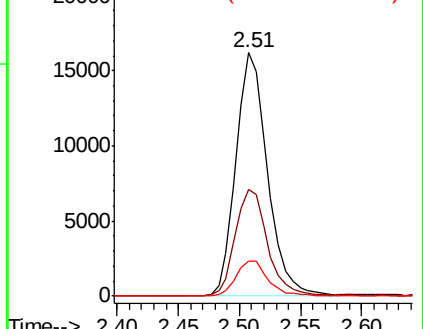
141 14.3 11.4 17.0

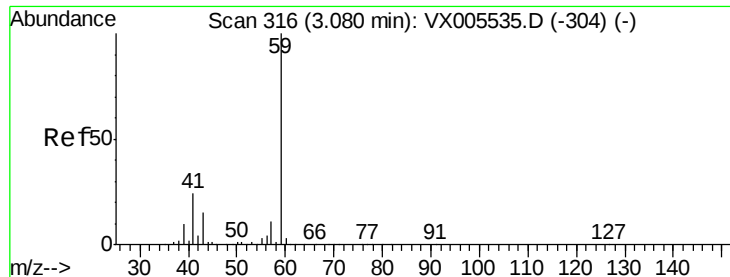


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

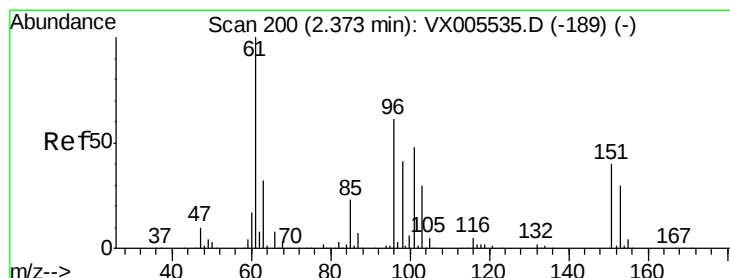
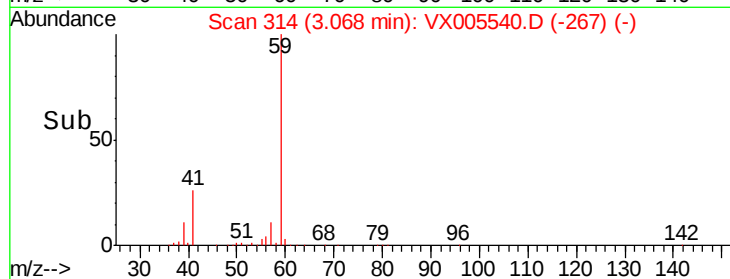
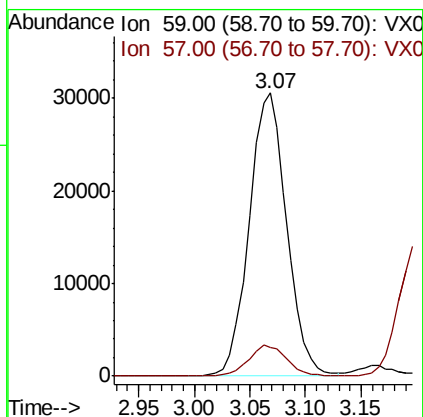
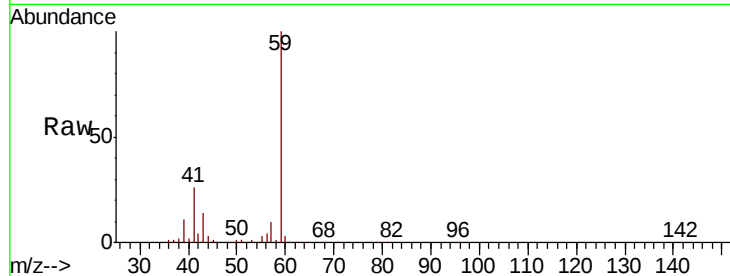




#11
Tert butyl alcohol
Concen: 93.790 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

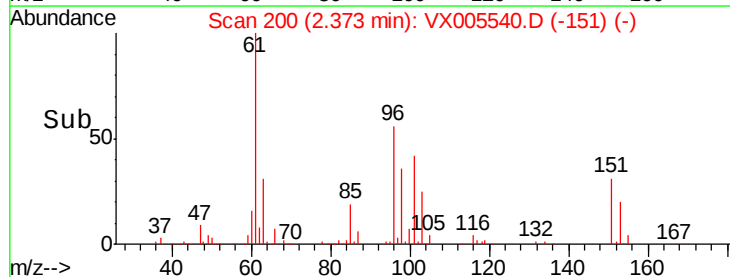
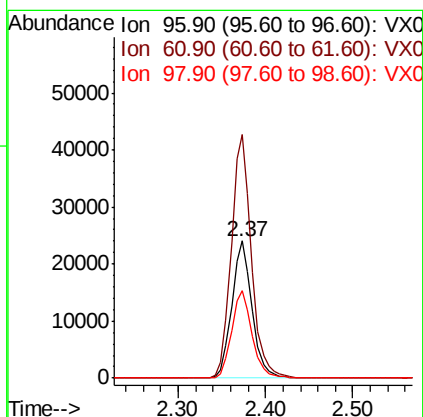
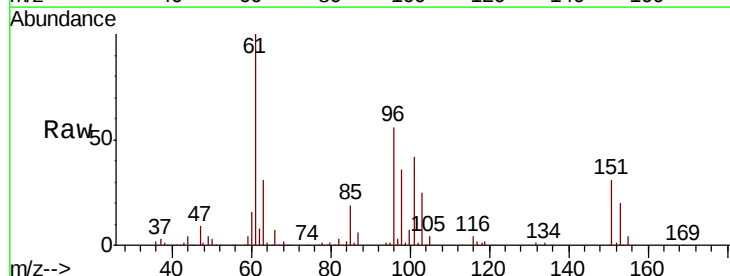
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

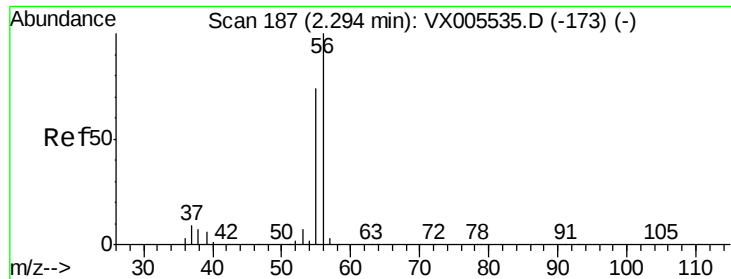
Tot Ion: 59 Resp: 71702
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.783 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion: 96 Resp: 38851
Ion Ratio Lower Upper
96 100
61 177.7 128.8 193.2
98 64.2 52.2 78.2





#13

Acrolein

Concen: 96.931 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

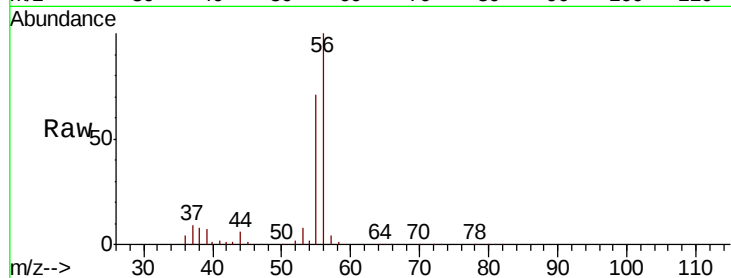
VX1024WBS01

Tot Ion: 56 Resp: 37801

Ion Ratio Lower Upper

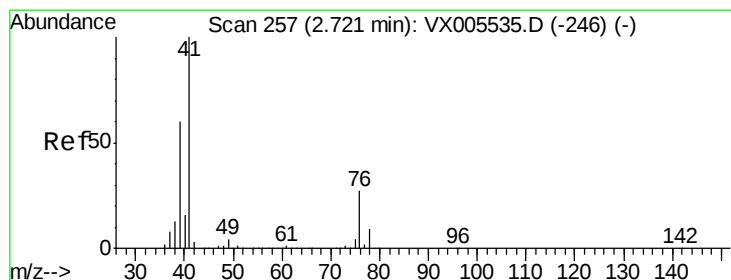
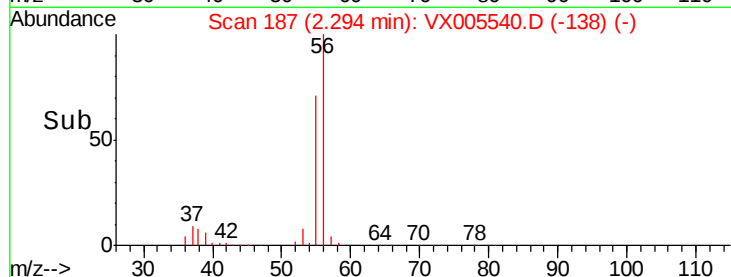
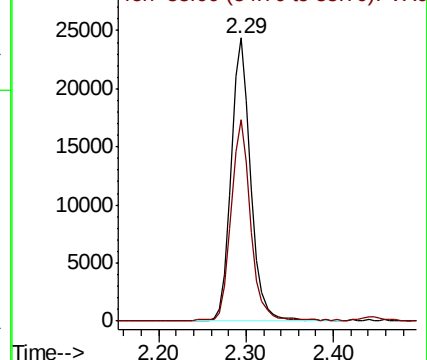
56 100

55 71.5 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.532 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

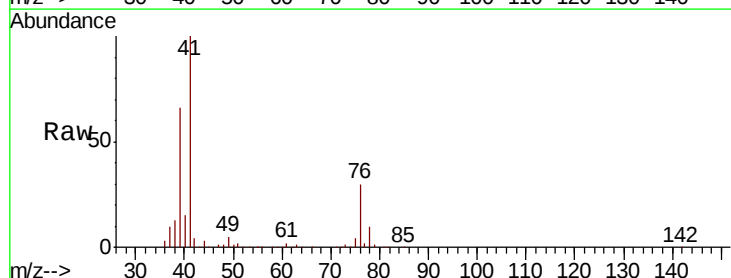
Tgt Ion: 41 Resp: 90356

Ion Ratio Lower Upper

41 100

39 60.5 48.9 73.3

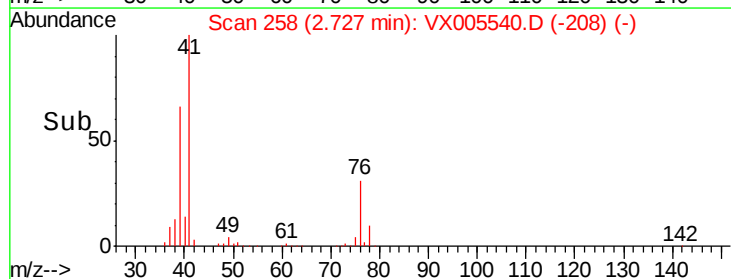
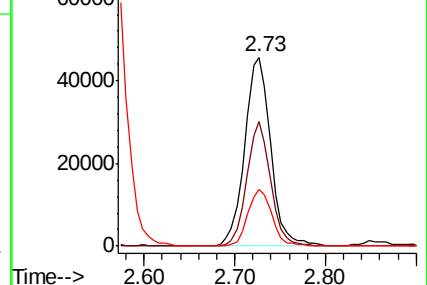
76 28.3 26.7 40.1

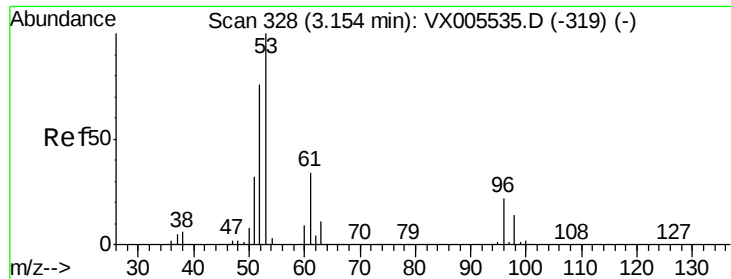


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 91.288 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampled :

VX1024WBS01

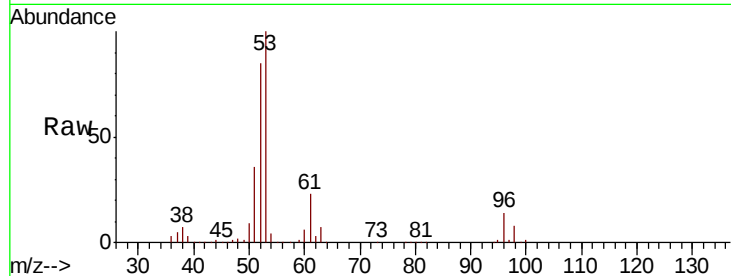
Tot Ion: 53 Resp: 156495

Ion Ratio Lower Upper

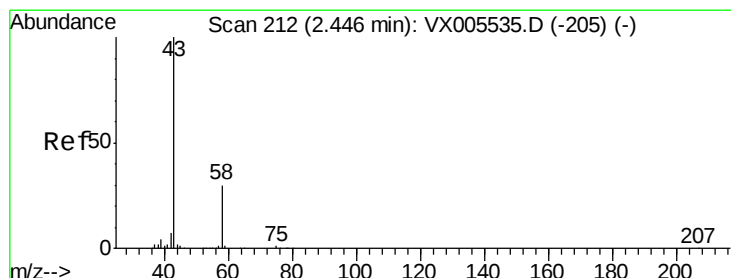
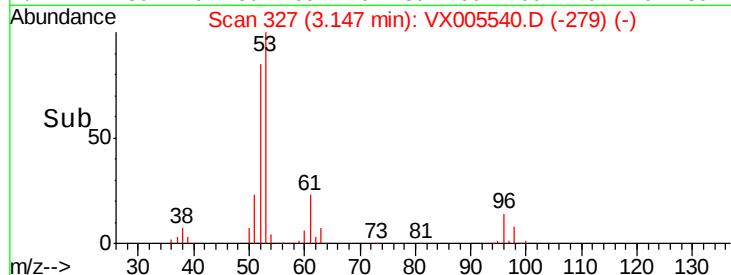
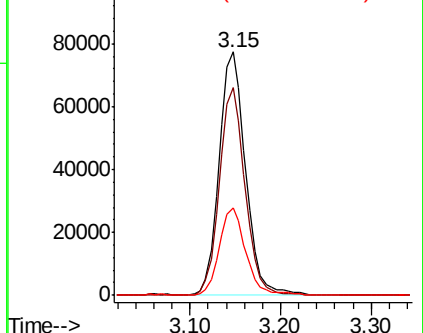
53 100

52 83.1 65.2 97.8

51 36.1 28.2 42.2



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: 92.072 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005540.D

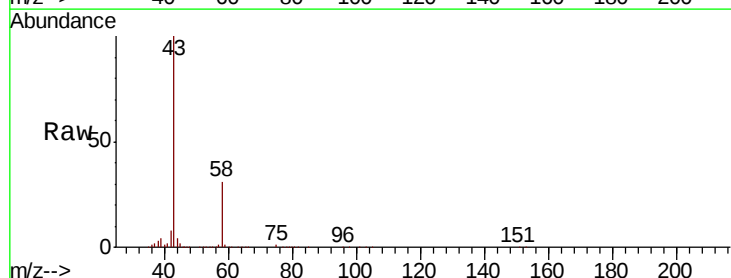
Acq: 24 Oct 2018 14:37

Tgt Ion: 43 Resp: 138219

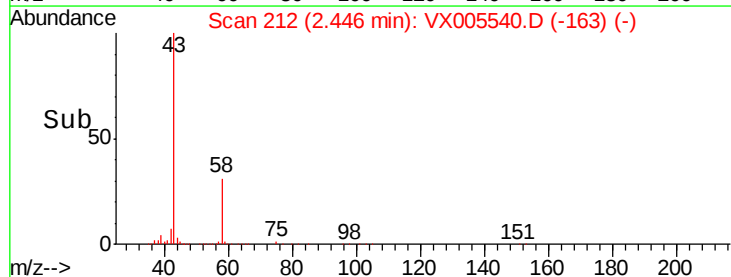
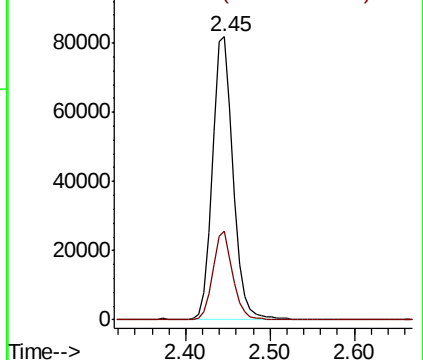
Ion Ratio Lower Upper

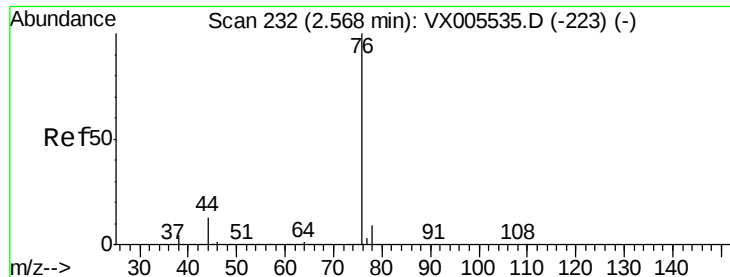
43 100

58 31.3 26.2 39.4



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

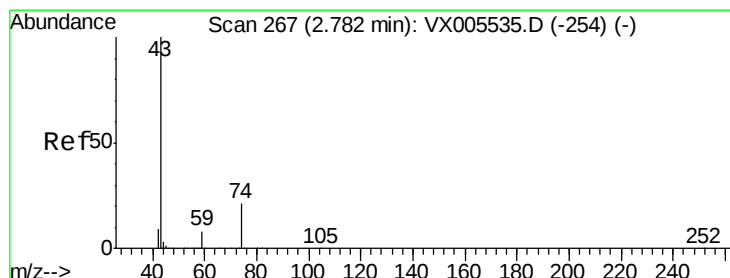
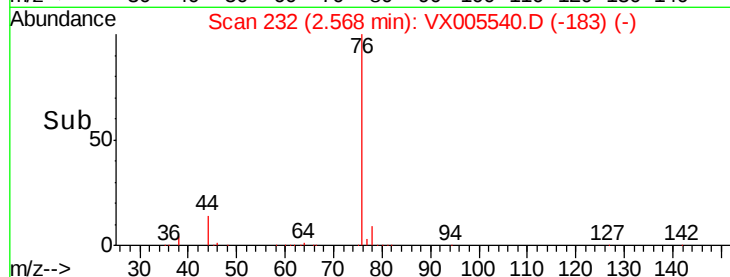
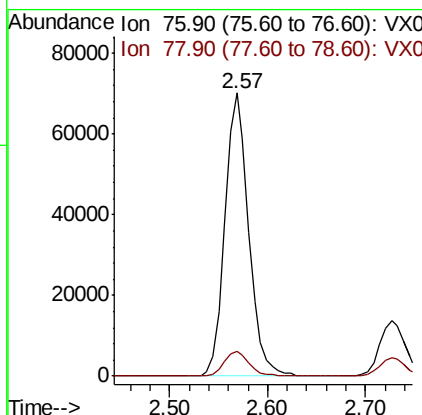
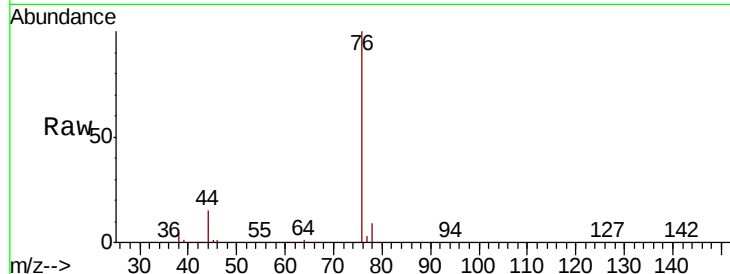




#17
Carbon Disulfide
Concen: 17.685 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

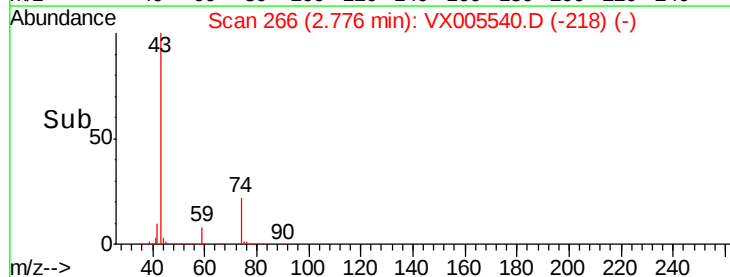
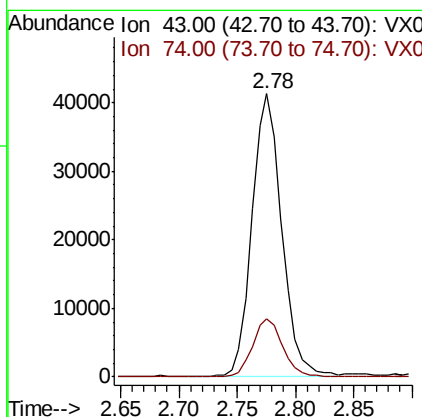
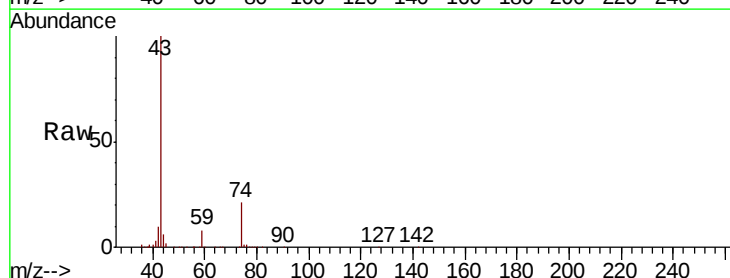
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

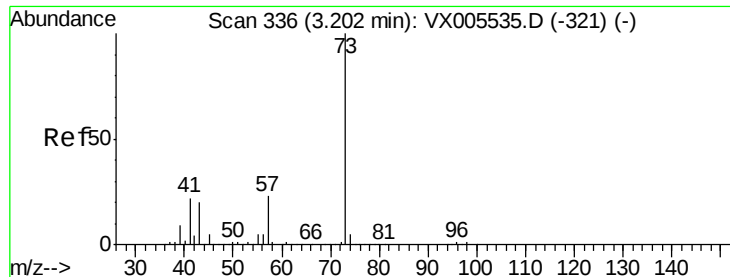
Tot Ion: 76 Resp: 117779
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 18.836 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion: 43 Resp: 73234
Ion Ratio Lower Upper
43 100
74 21.5 19.4 29.2

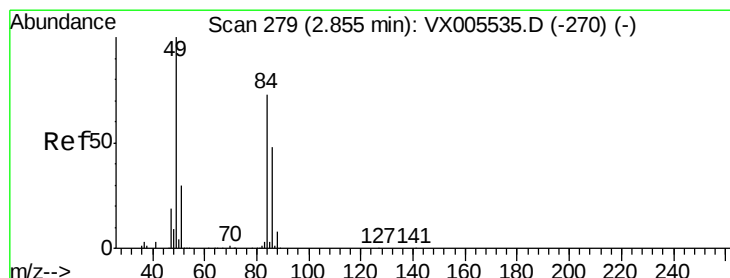
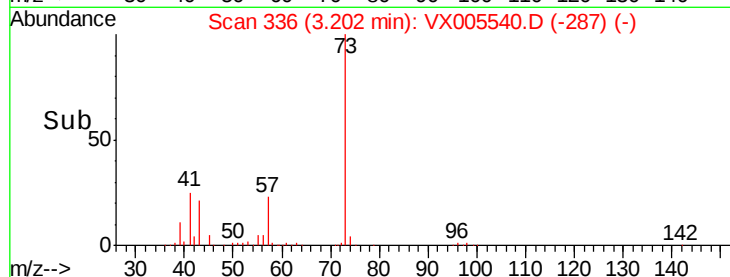
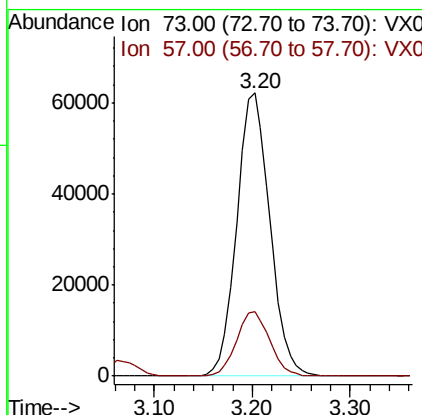
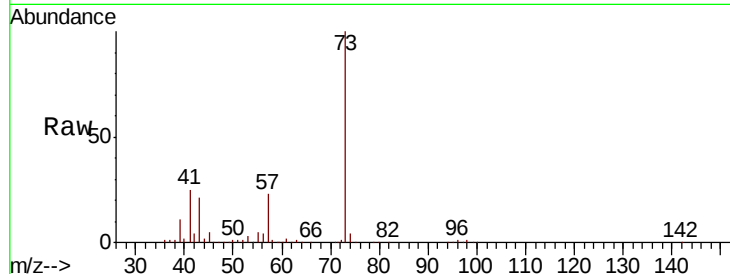




#19
Methyl tert-butyl Ether
Concen: 18.760 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

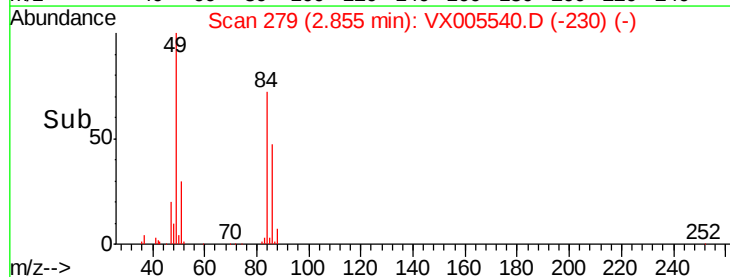
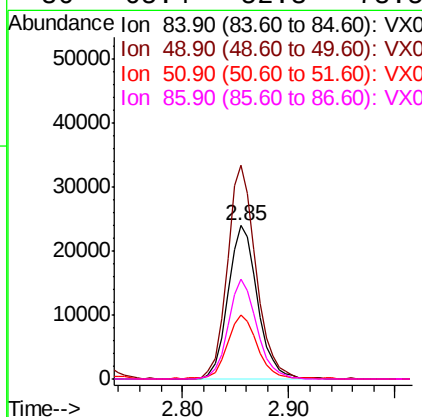
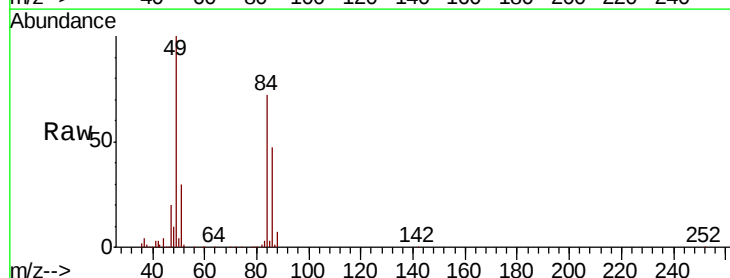
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

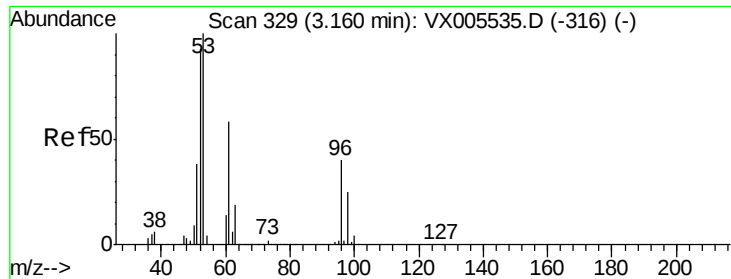
Tot Ion: 73 Resp: 146201
Ion Ratio Lower Upper
73 100
57 22.5 17.1 25.7



#20
Methylene Chloride
Concen: 18.419 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion: 84 Resp: 46311
Ion Ratio Lower Upper
84 100
49 139.3 101.2 151.8
51 41.3 29.5 44.3
86 65.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.496 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampled :

VX1024WBS01

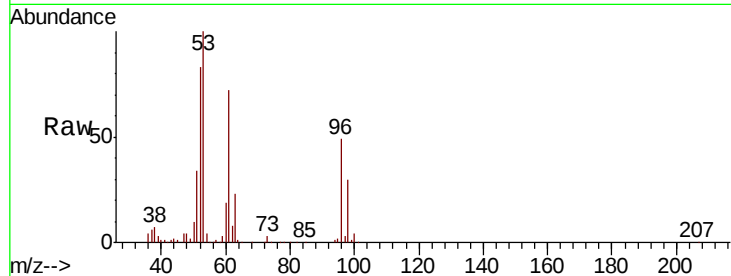
Tot Ion: 96 Resp: 44119

Ion Ratio Lower Upper

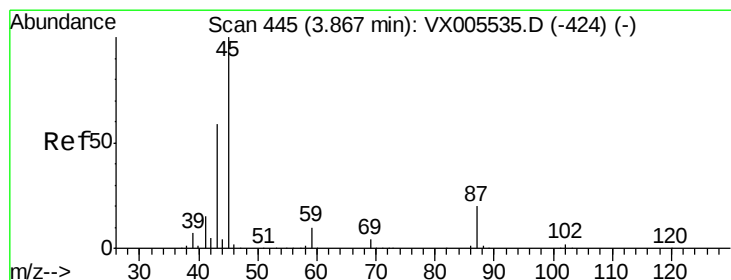
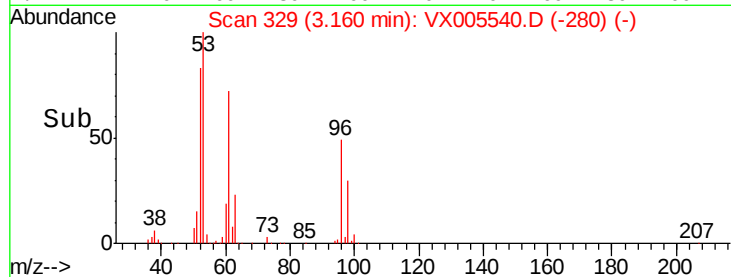
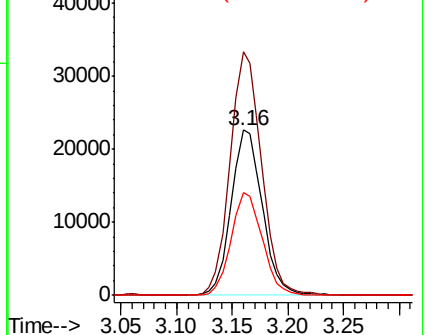
96 100

61 147.4 113.8 170.6

98 61.9 51.8 77.8



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



#22

Diisopropyl ether

Concen: 19.189 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Tgt Ion: 45 Resp: 163382

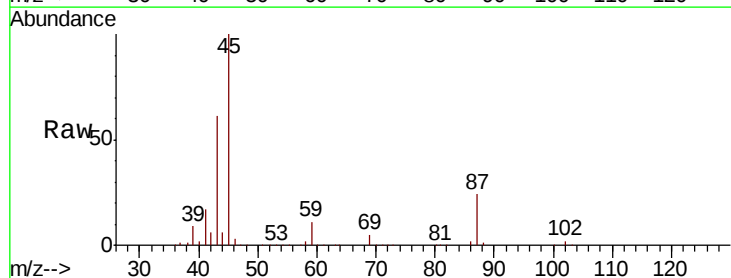
Ion Ratio Lower Upper

45 100

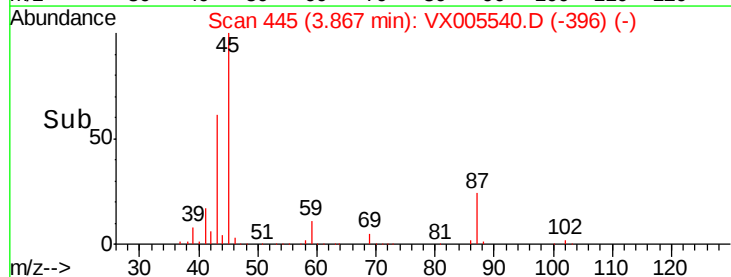
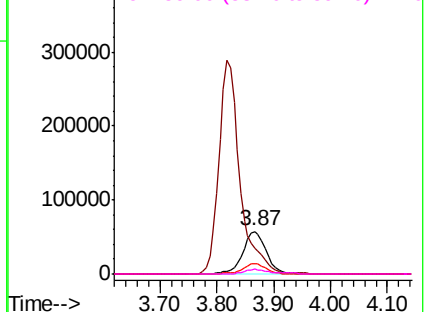
43 60.8 42.8 64.2

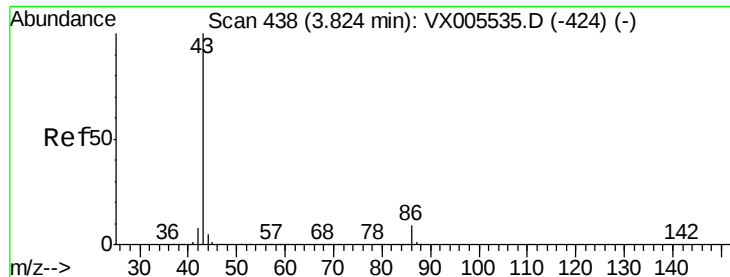
87 23.8 22.6 34.0

59 11.0 9.6 14.4



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: 99.040 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

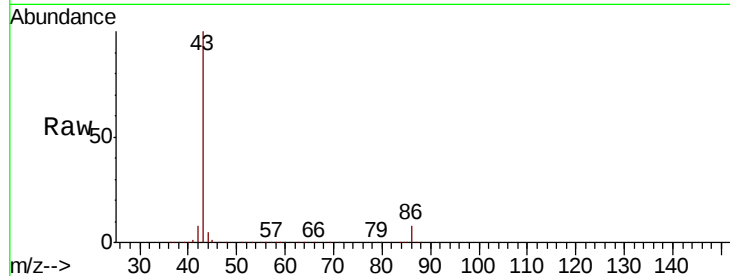
VX1024WBS01

Tot Ion: 43 Resp: 742684

Ion Ratio Lower Upper

43 100

86 8.5 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

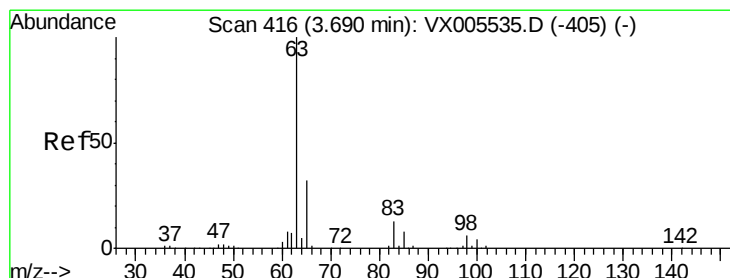
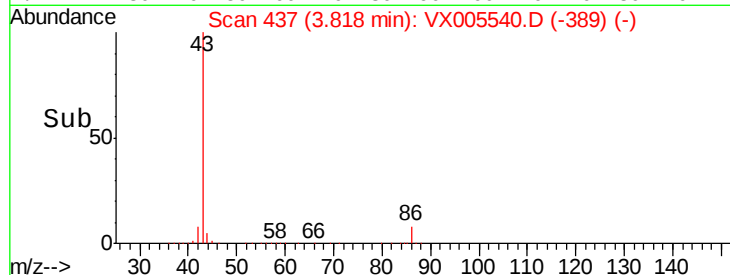
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.781 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

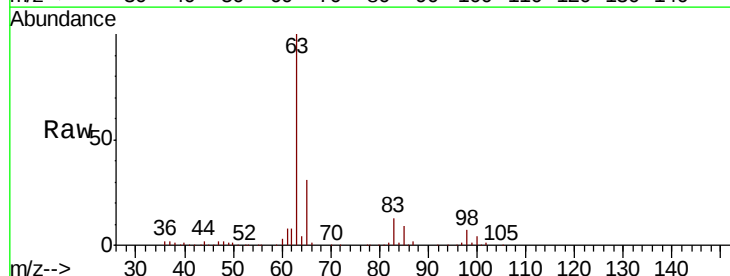
Tgt Ion: 63 Resp: 86941

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 4.0 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

50000

40000

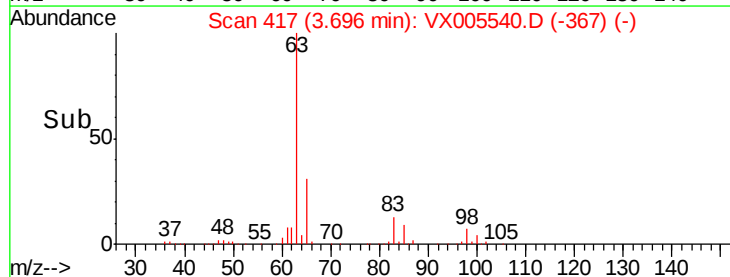
30000

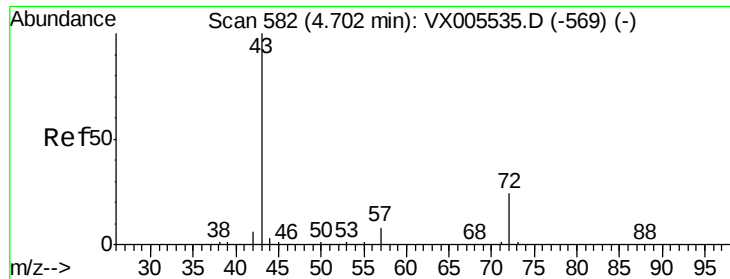
20000

10000

0

Time-->





#25

2-Butanone

Concen: 91.559 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

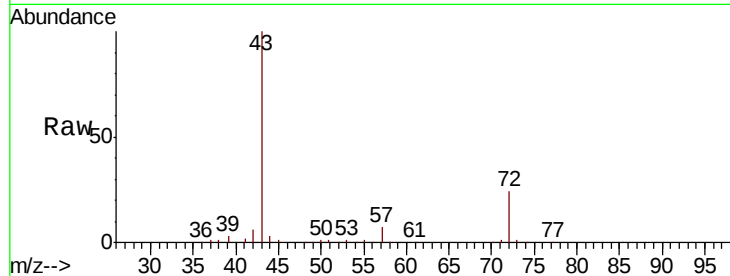
VX1024WBS01

Tot Ion: 43 Resp: 209308

Ion Ratio Lower Upper

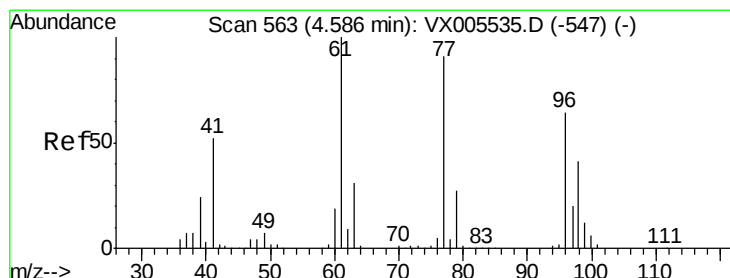
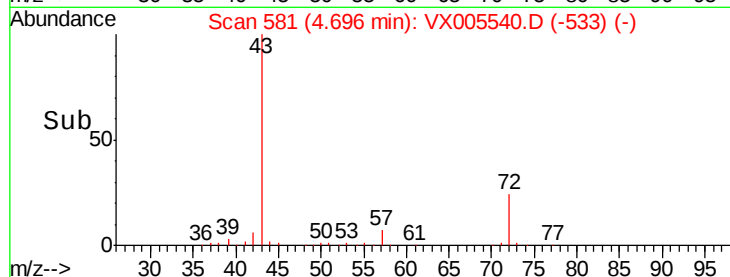
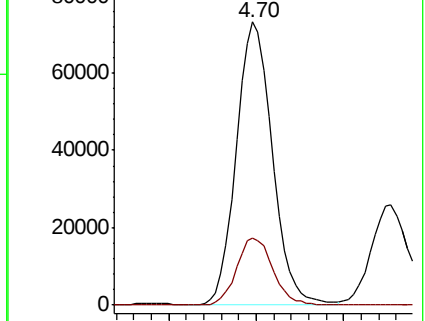
43 100

72 23.8 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.389 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005540.D

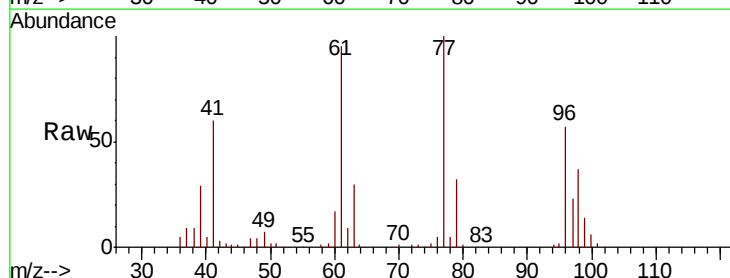
Acq: 24 Oct 2018 14:37

Tgt Ion: 77 Resp: 65720

Ion Ratio Lower Upper

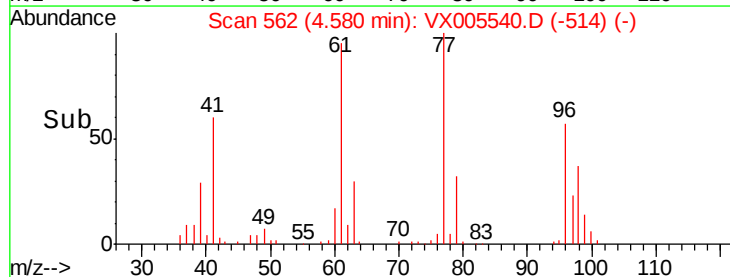
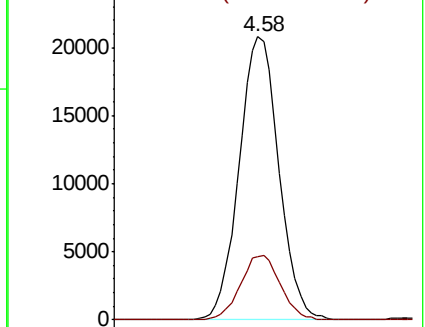
77 100

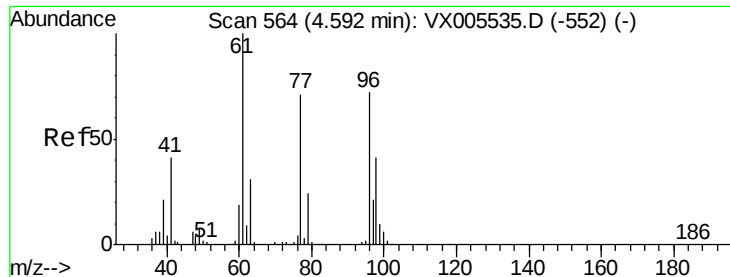
97 22.9 11.7 35.0



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: 17.937 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

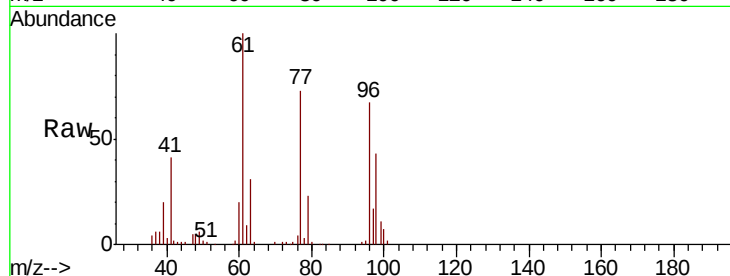
Tot Ion: 96 Resp: 46127

Ion Ratio Lower Upper

96 100

61 155.2 0.0 282.6

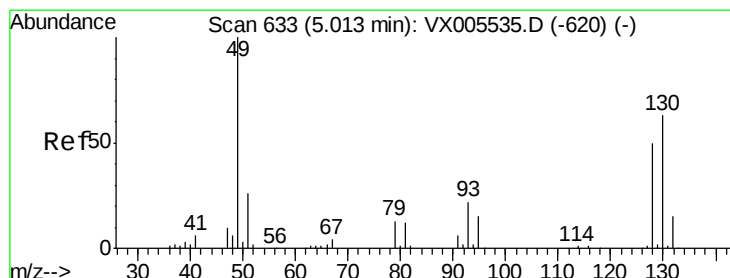
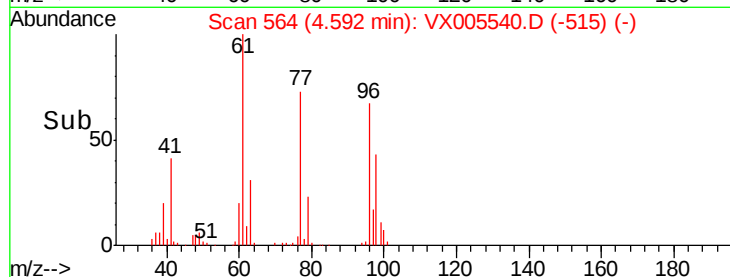
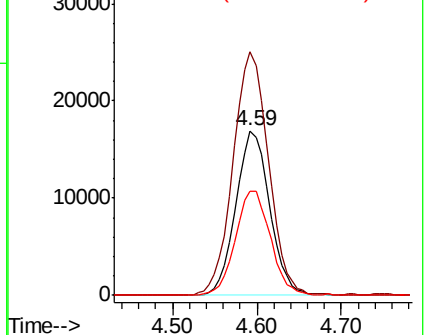
98 65.2 0.0 130.2



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



#28

Bromochloromethane

Concen: 19.049 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

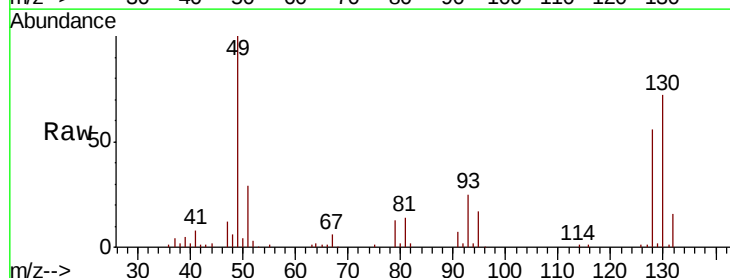
Tgt Ion: 49 Resp: 42649

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

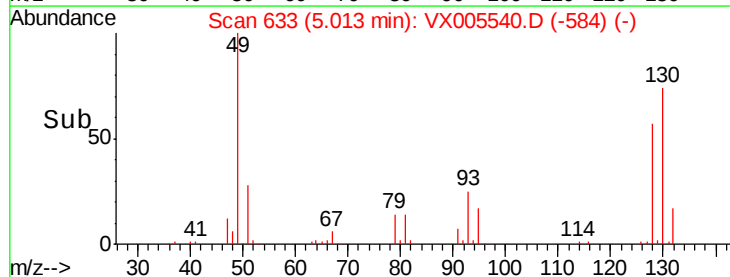
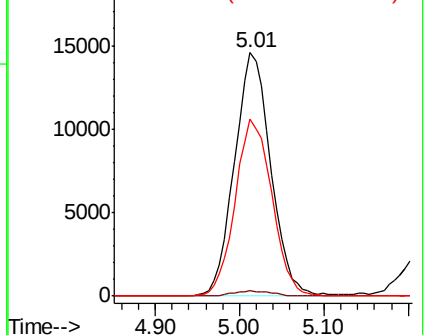
130 73.1 67.5 101.3

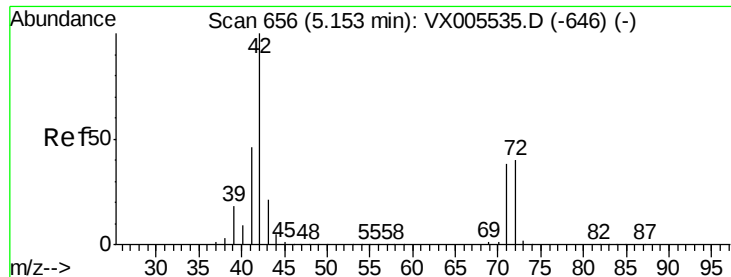


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

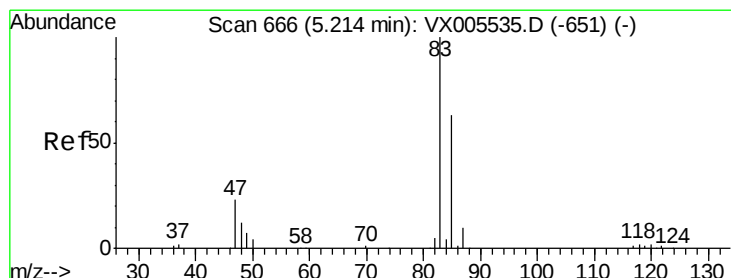
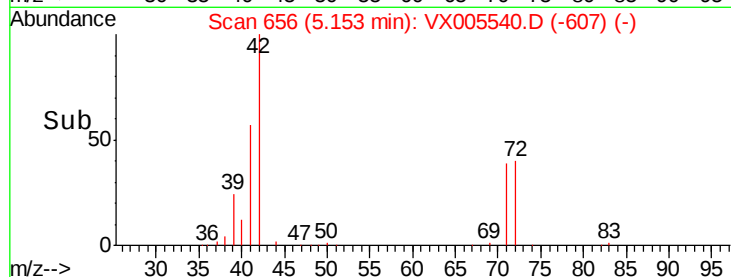
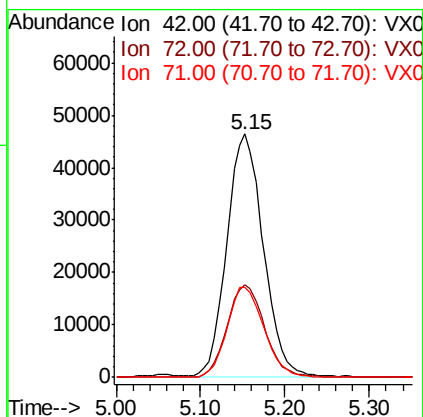
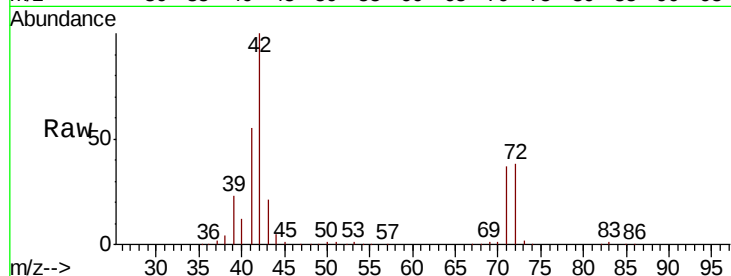




#29
Tetrahydrofuran
Concen: 91.065 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

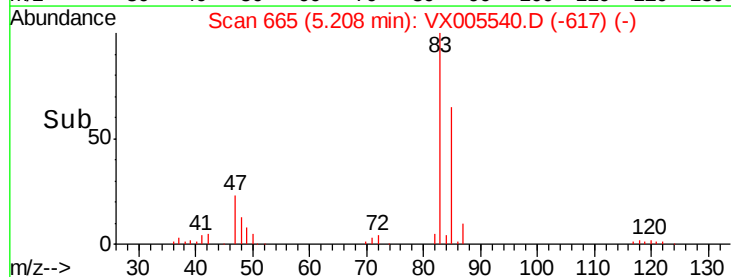
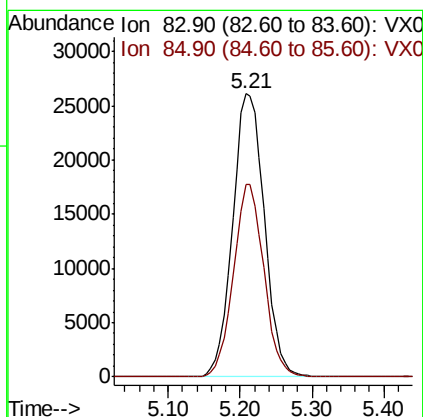
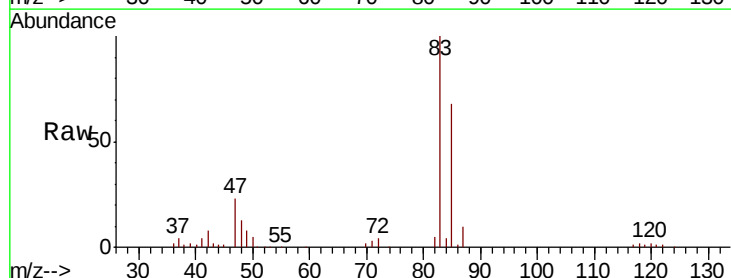
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

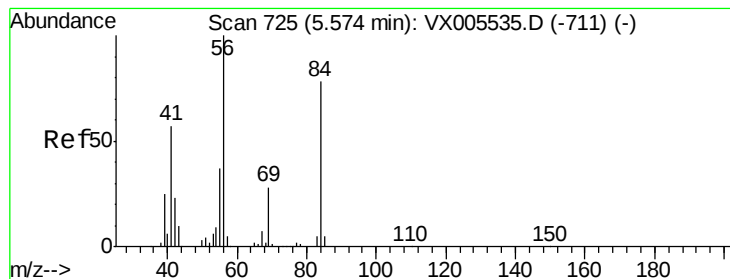
Tot Ion: 42 Resp: 135478
Ion Ratio Lower Upper
42 100
72 39.6 37.4 56.0
71 37.9 34.5 51.7



#30
Chloroform
Concen: 18.427 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion: 83 Resp: 79790
Ion Ratio Lower Upper
83 100
85 68.1 52.6 79.0





#31

Cyclohexane

Concen: 18.735 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

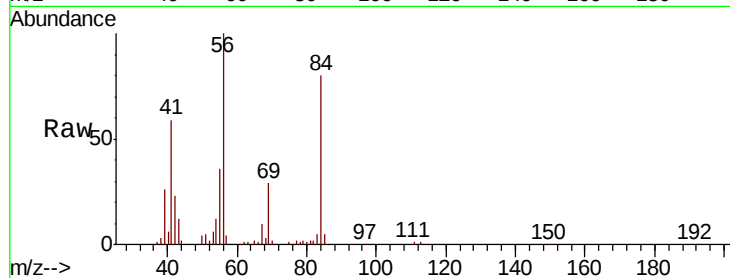
Tot Ion: 56 Resp: 71758

Ion Ratio Lower Upper

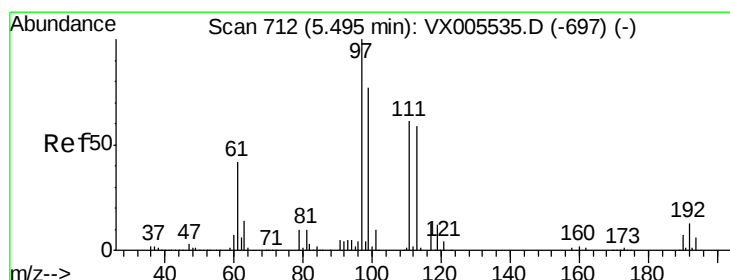
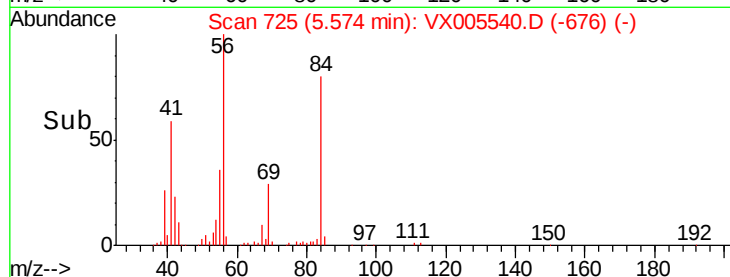
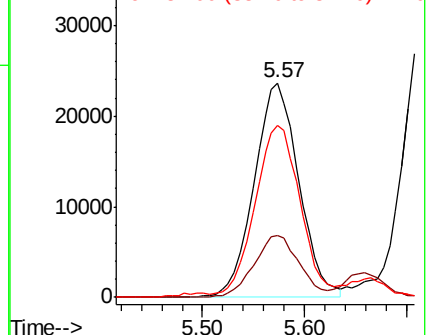
56 100

69 28.9 25.4 38.2

84 78.6 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 18.116 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

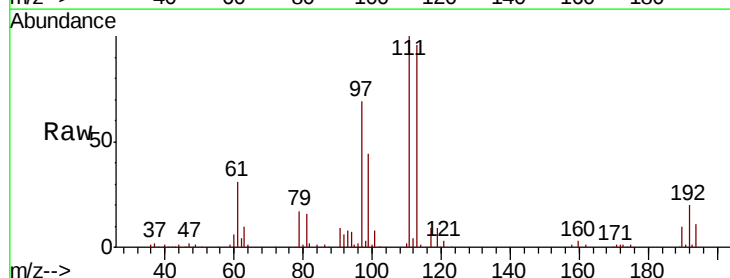
Tgt Ion: 97 Resp: 69235

Ion Ratio Lower Upper

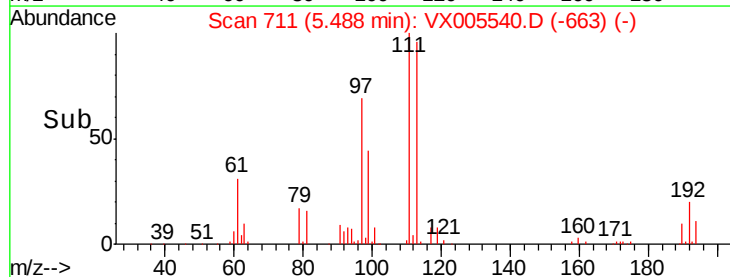
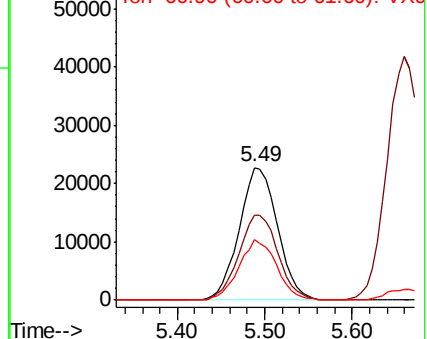
97 100

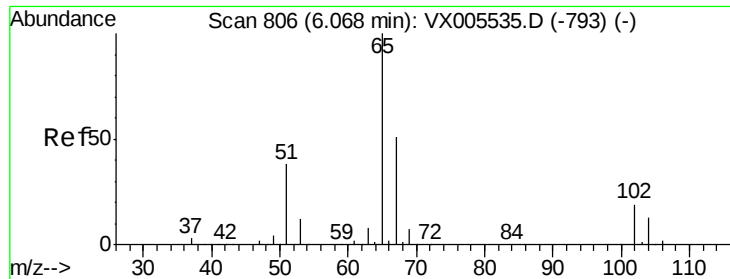
99 65.5 52.0 78.0

61 45.4 34.9 52.3



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

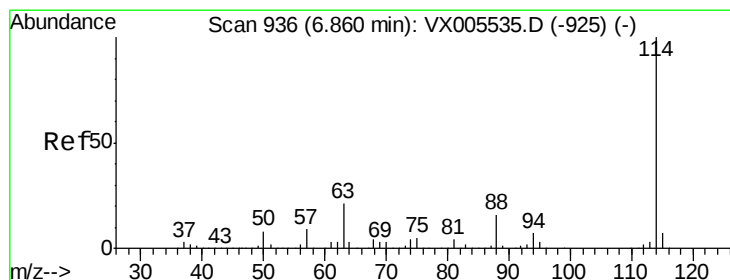
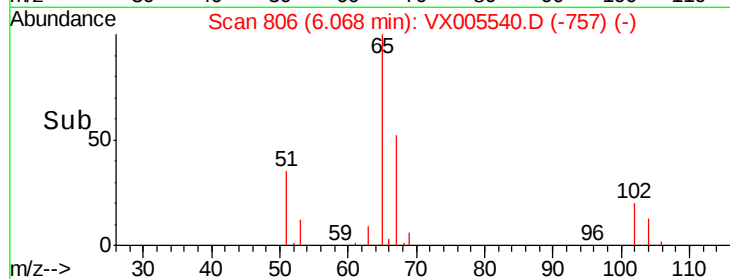
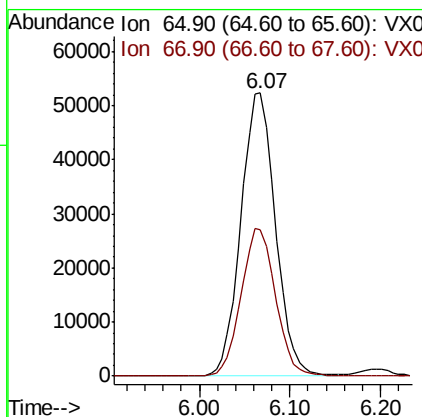
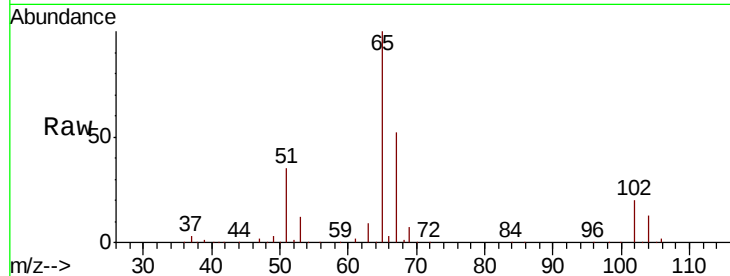




#33
 1,2-Dichloroethane-d4
 Concen: 48.678 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

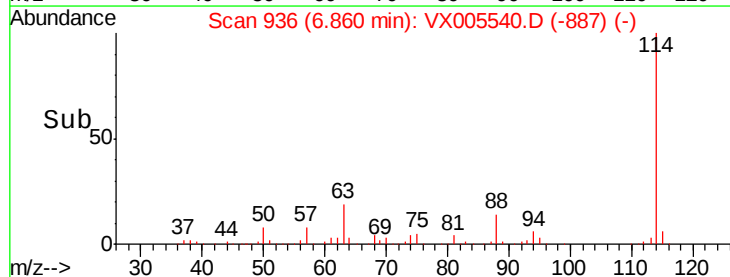
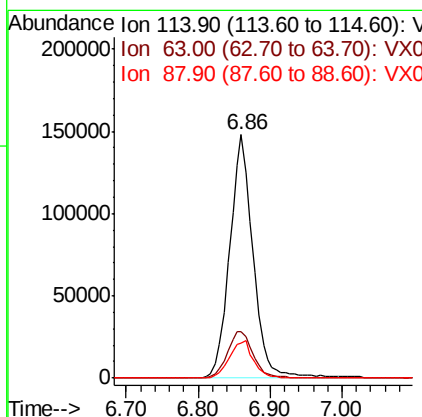
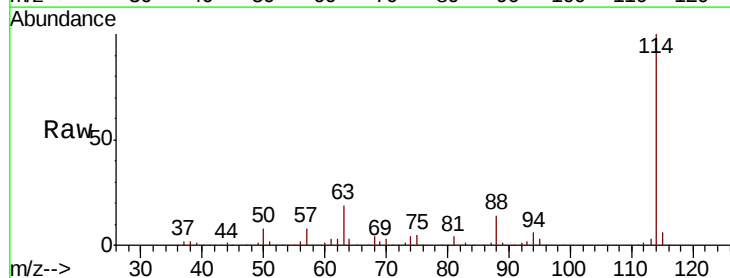
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

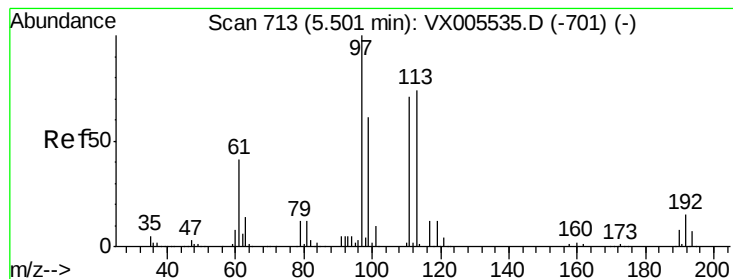
Tot Ion: 65 Resp: 138292
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Tgt Ion: 114 Resp: 334382
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.0
 88 14.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 47.555 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

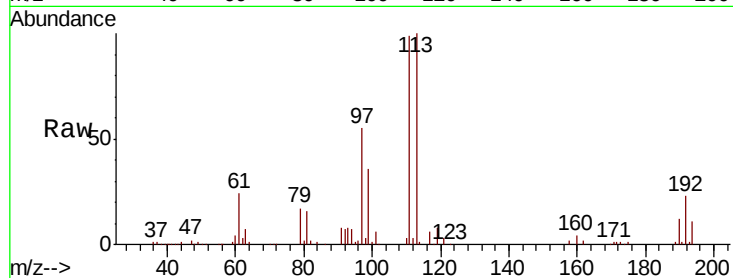
Tot Ion:113 Resp: 107671

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

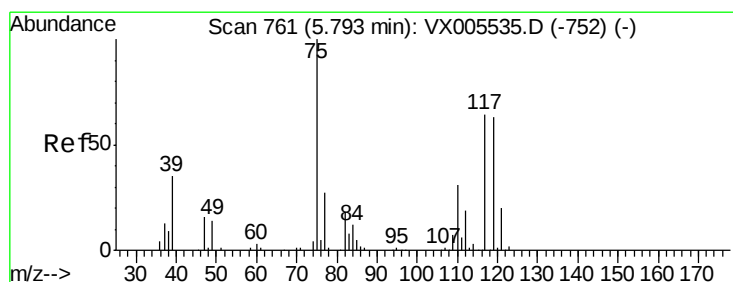
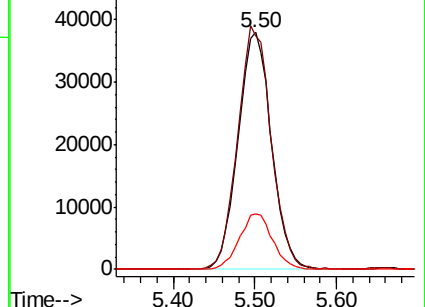
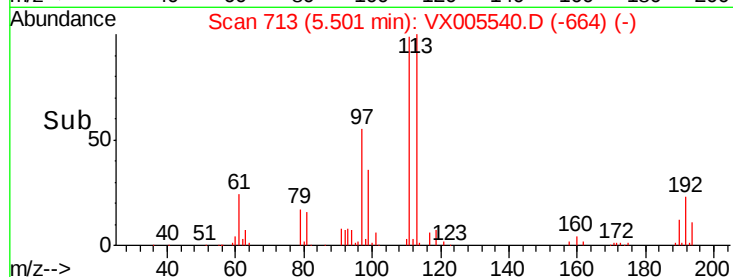
192 23.3 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.548 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

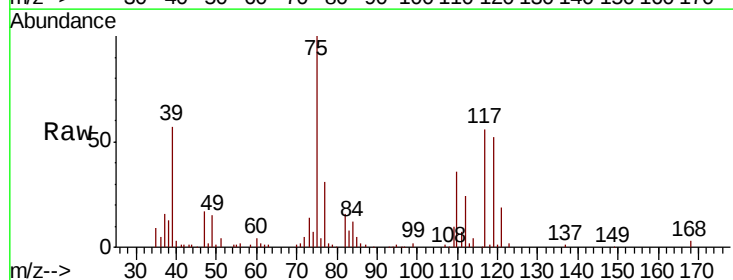
Tgt Ion: 75 Resp: 60189

Ion Ratio Lower Upper

75 100

110 35.6 18.0 54.0

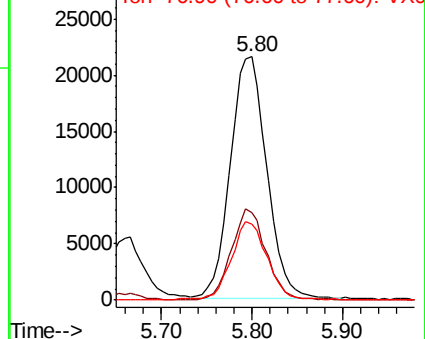
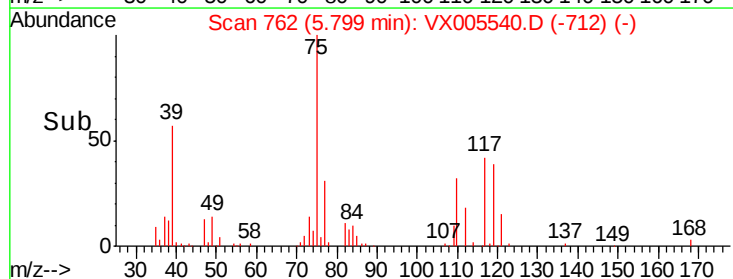
77 31.9 24.6 36.8

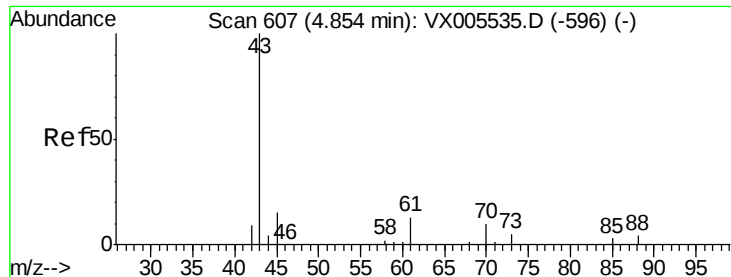


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.599 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

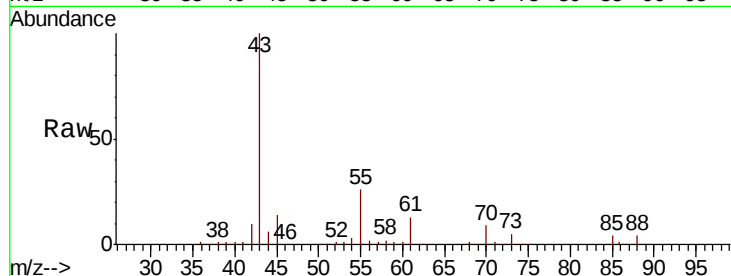
Tot Ion: 43 Resp: 77018

Ion Ratio Lower Upper

43 100

61 13.4 11.5 17.3

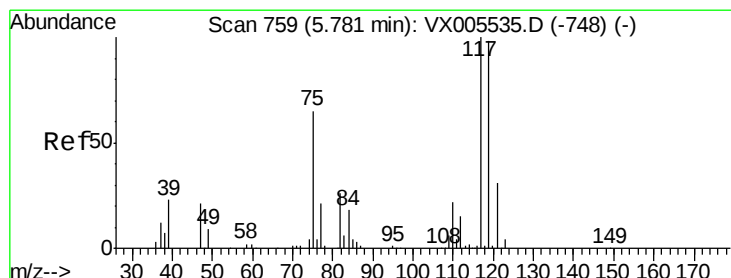
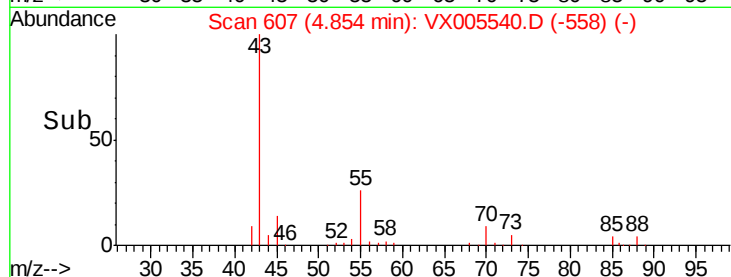
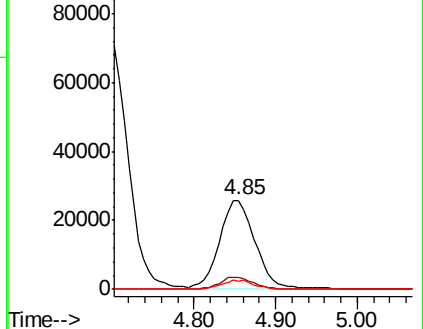
70 9.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX005535.D (-596) (-)

Ion 60.90 (60.60 to 61.60): VX005535.D (-596) (-)

Ion 70.00 (69.70 to 70.70): VX005535.D (-596) (-)



#38

Carbon Tetrachloride

Concen: 18.135 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

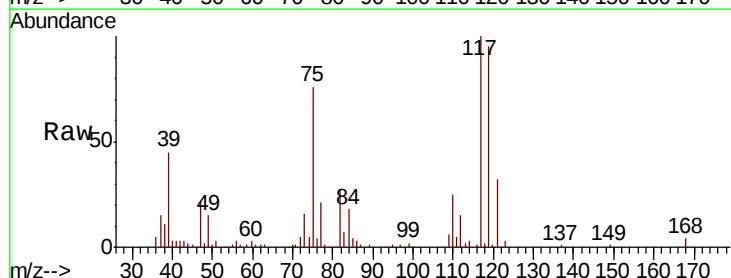
Tgt Ion: 117 Resp: 61981

Ion Ratio Lower Upper

117 100

119 95.0 78.8 118.2

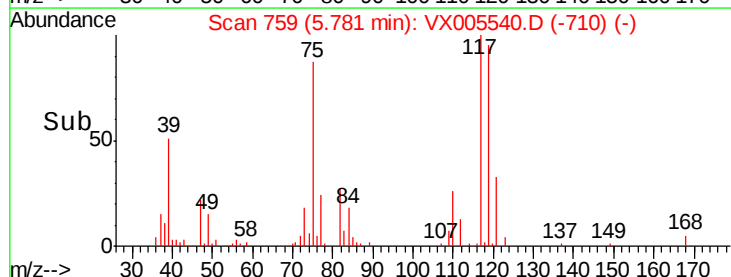
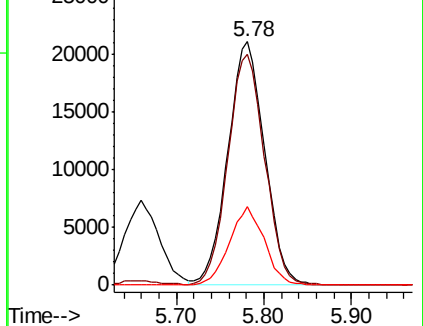
121 32.4 24.9 37.3

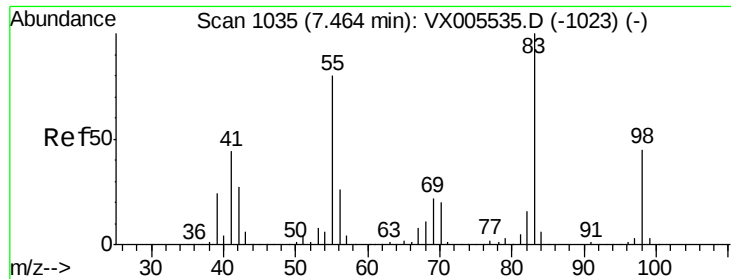


Abundance Ion 116.80 (116.50 to 117.50): VX005535.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX005535.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX005535.D (-748) (-)

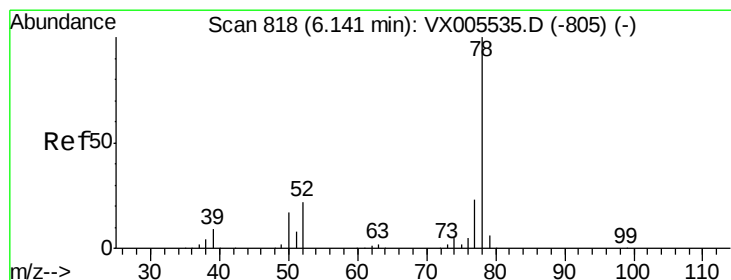
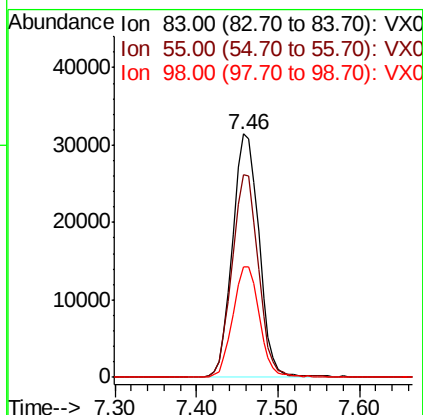
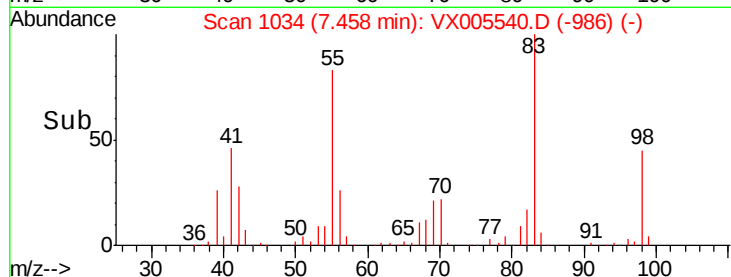
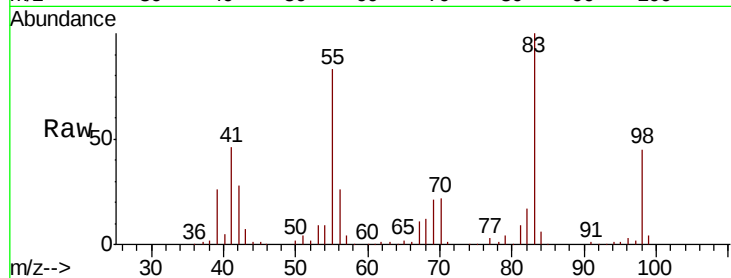




#39
Methvlcvclohexane
Concen: 19.778 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

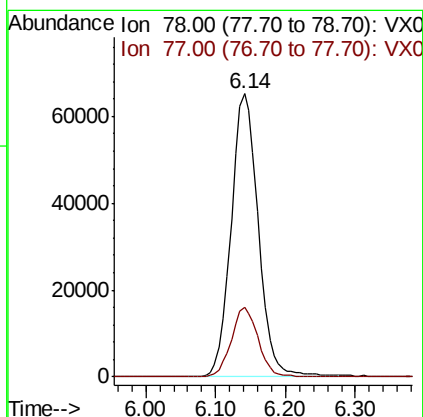
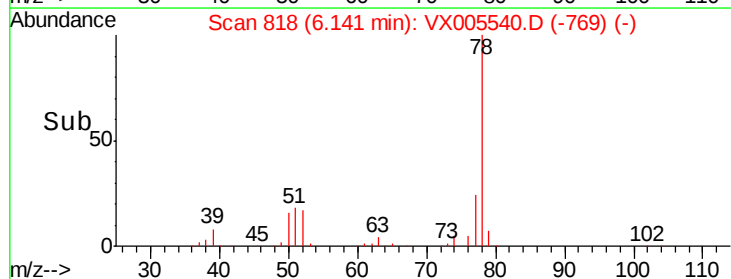
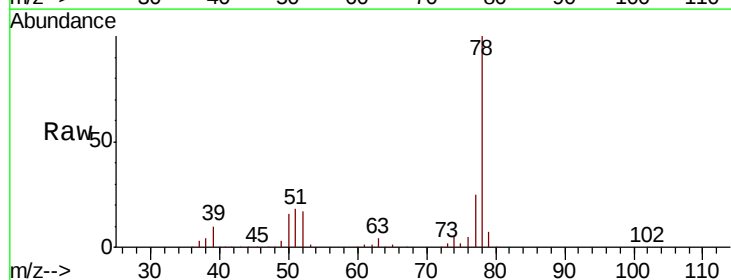
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

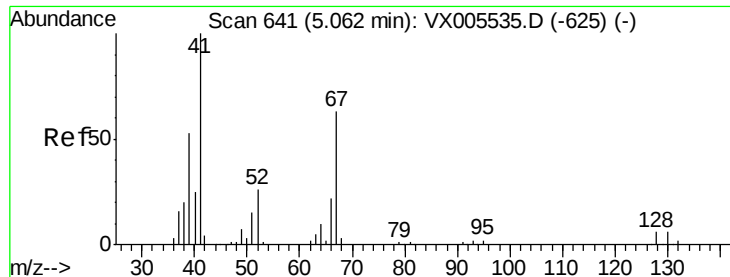
Tot Ion: 83 Resp: 70869
Ion Ratio Lower Upper
83 100
55 83.3 61.0 91.4
98 45.5 39.6 59.4



#40
Benzene
Concen: 18.980 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion: 78 Resp: 176561
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.4

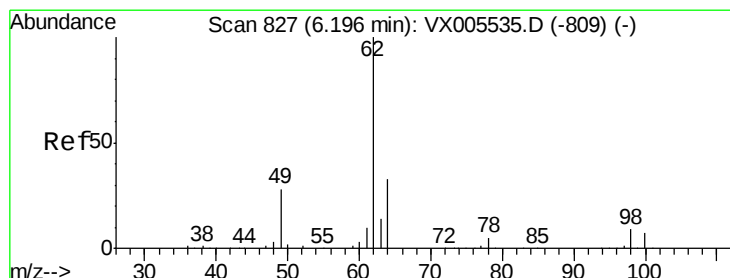
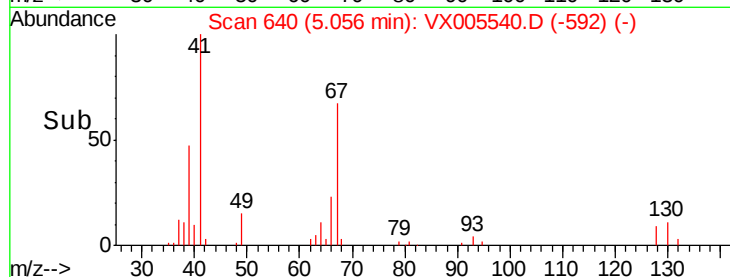
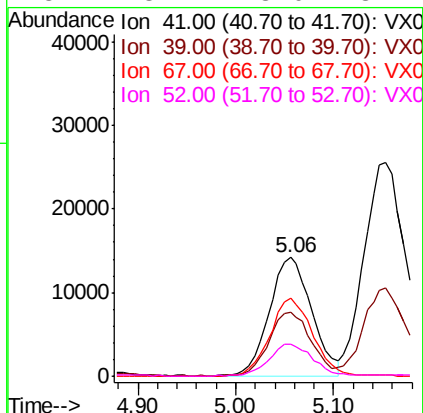
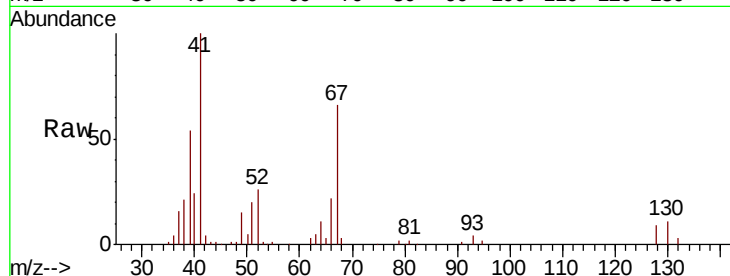




#41
Methacrylonitrile
Concen: 18.683 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

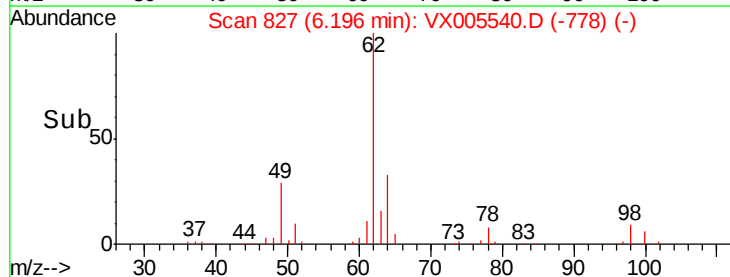
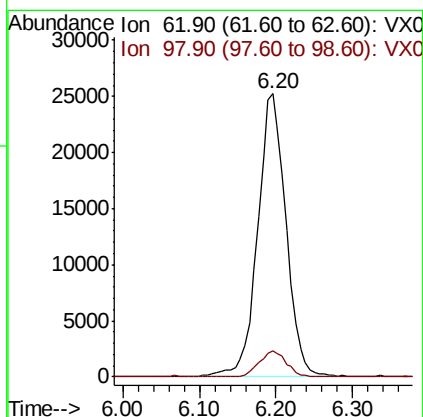
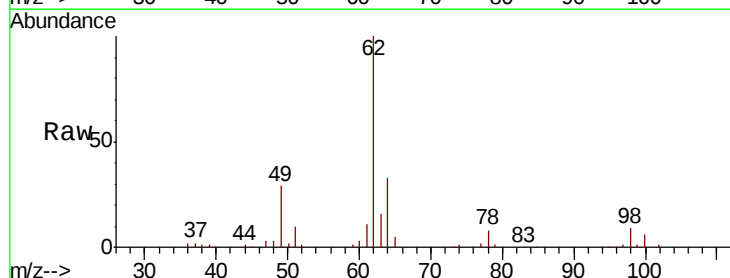
Instrument :
MSVOA_X
ClientSampleID :
VX1024WBS01

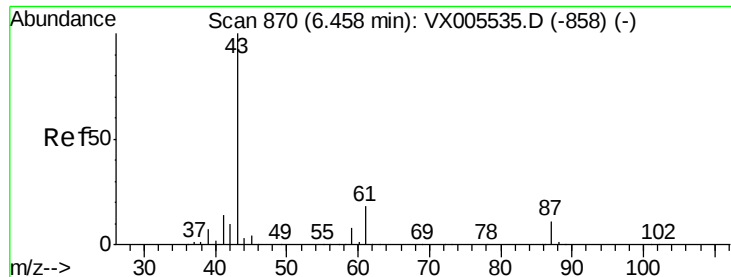
Tot Ion:	41	Resp:	43096
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.4	63.6
67	65.9	59.2	88.8
52	28.1	23.0	34.4



#42
1,2-Dichloroethane
Concen: 18.495 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion:	62	Resp:	65357
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	20.6





#43

Isopropyl Acetate

Concen: 18.255 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

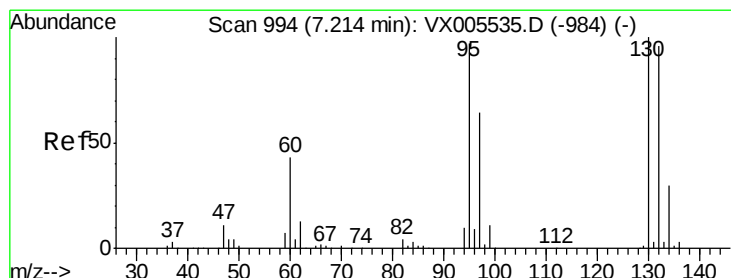
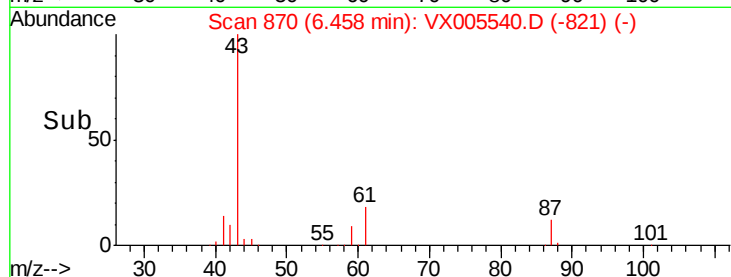
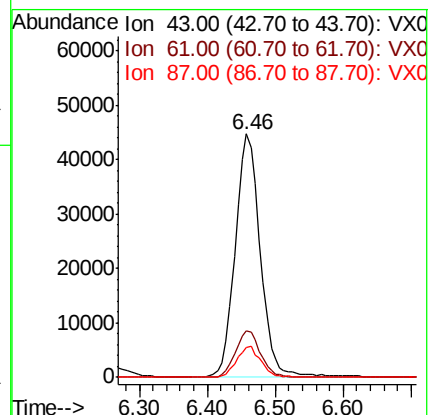
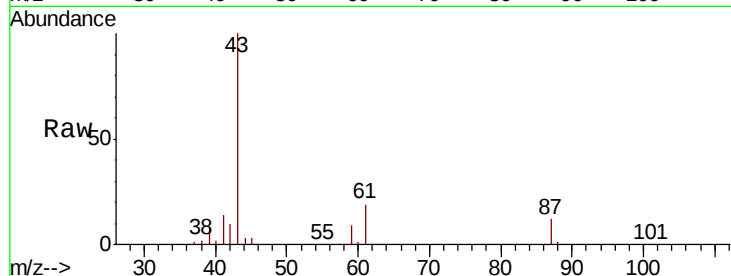
Tot Ion: 43 Resp: 113275

Ion Ratio Lower Upper

43 100

61 19.2 17.0 25.4

87 12.3 11.4 17.2



#44

Trichloroethene

Concen: 19.194 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005540.D

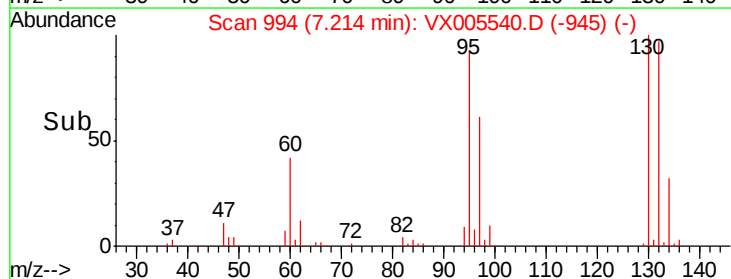
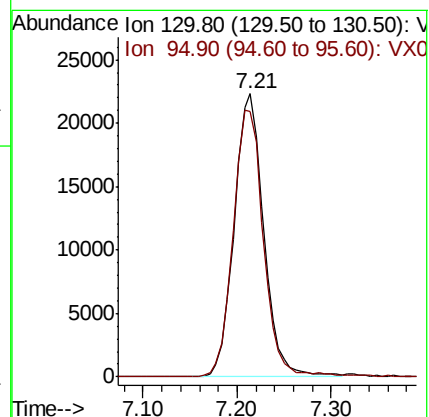
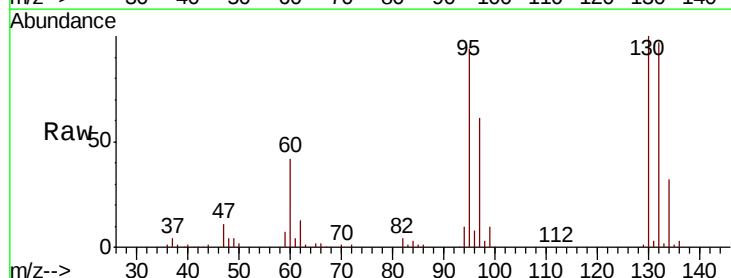
Acq: 24 Oct 2018 14:37

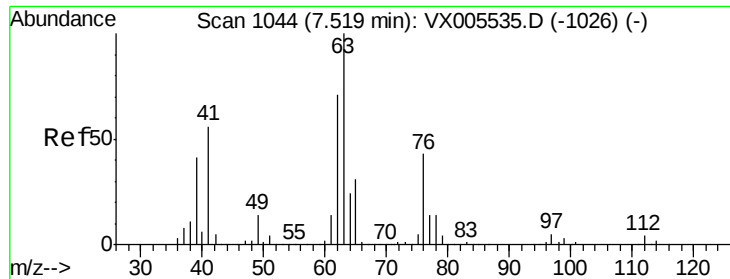
Tgt Ion:130 Resp: 48640

Ion Ratio Lower Upper

130 100

95 93.6 0.0 181.6





#45

1,2-Dichloropropane

Concen: 19.765 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampled :

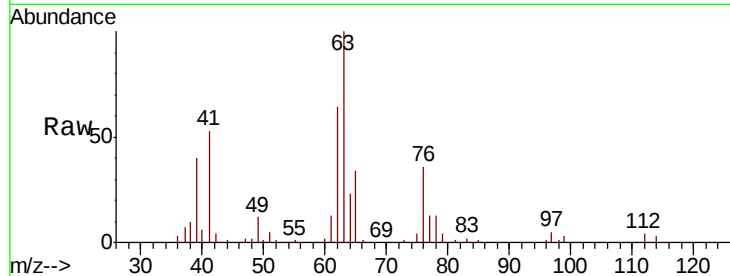
VX1024WBS01

Tot Ion: 63 Resp: 49432

Ion Ratio Lower Upper

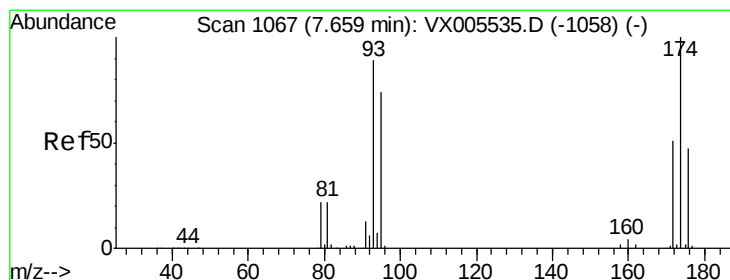
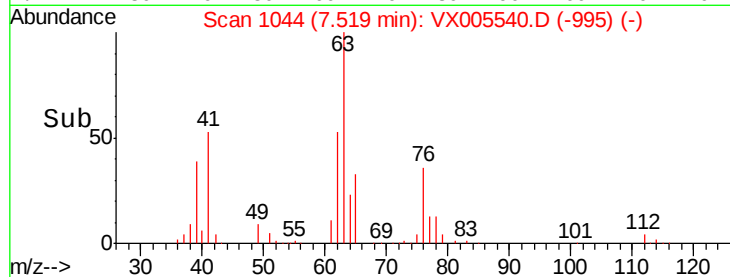
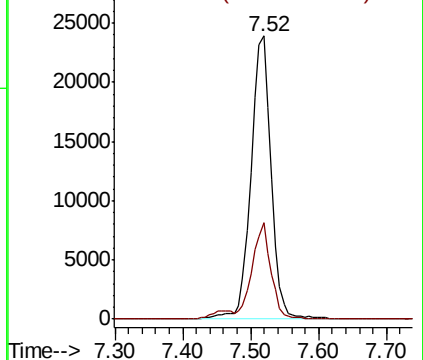
63 100

65 34.3 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.324 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

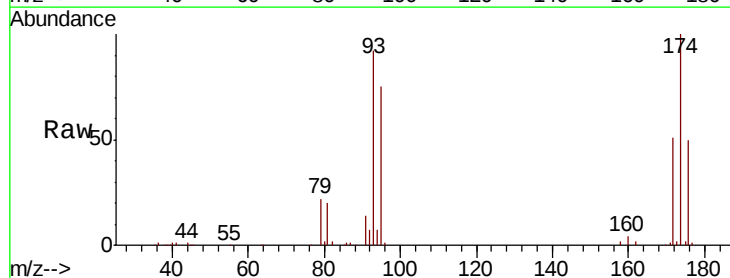
Tgt Ion: 93 Resp: 31214

Ion Ratio Lower Upper

93 100

95 82.4 65.5 98.3

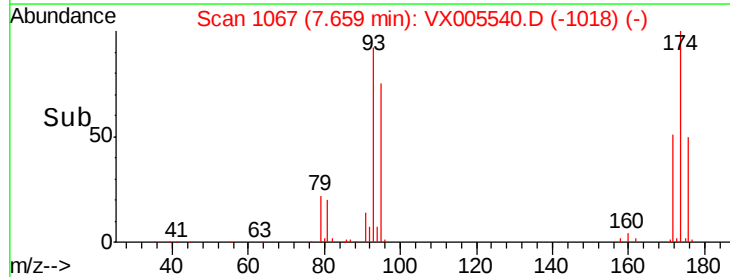
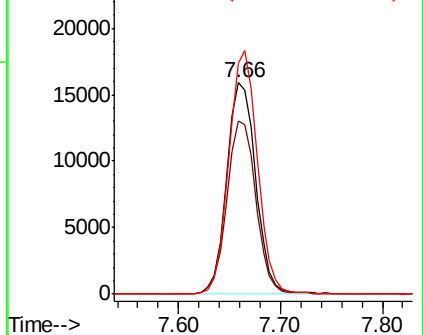
174 113.6 94.2 141.4

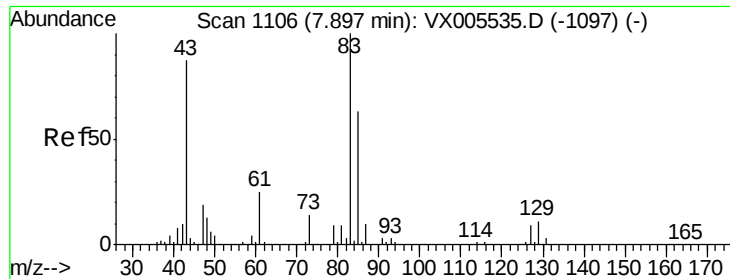


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.884 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

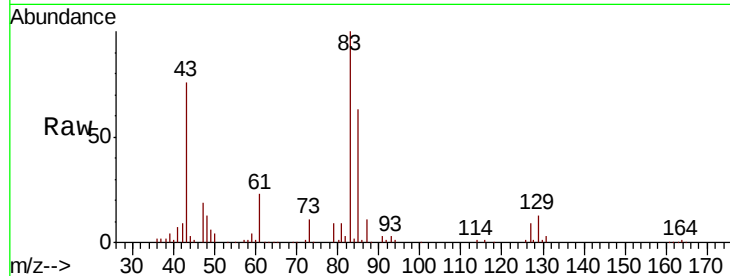
Tot Ion: 83 Resp: 59202

Ion Ratio Lower Upper

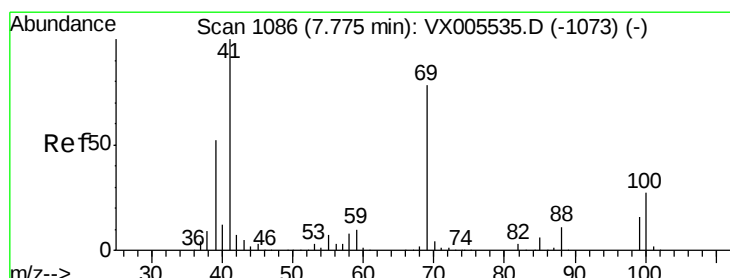
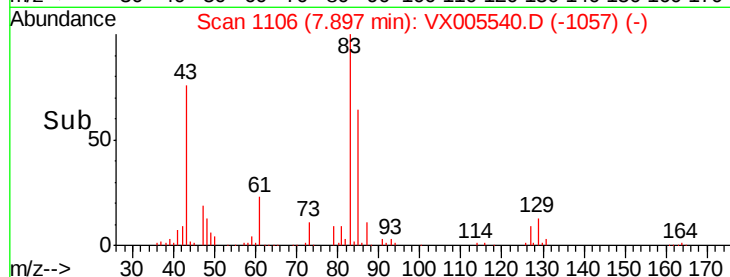
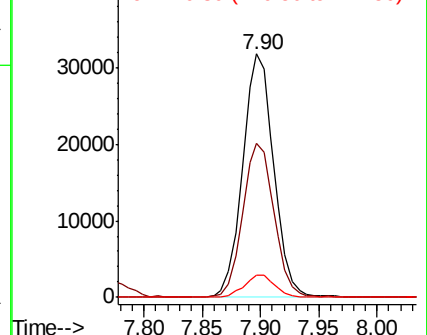
83 100

85 63.2 50.9 76.3

127 9.0 7.3 10.9



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: 19.544 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

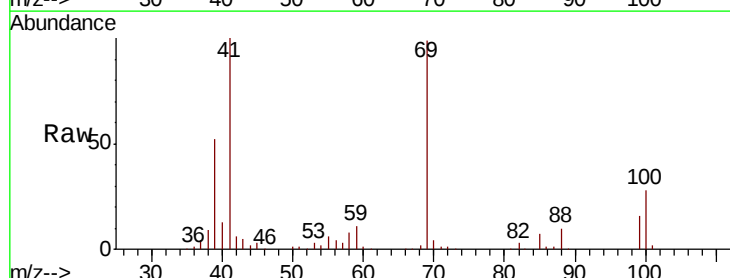
Tgt Ion: 41 Resp: 59082

Ion Ratio Lower Upper

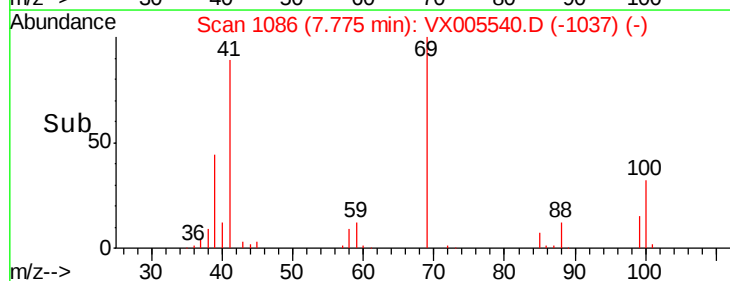
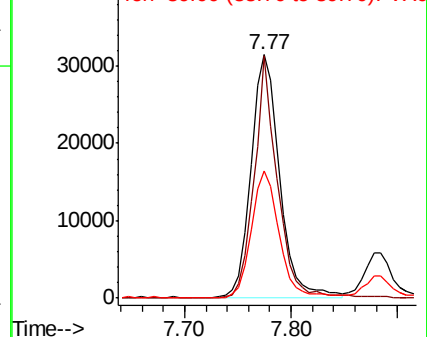
41 100

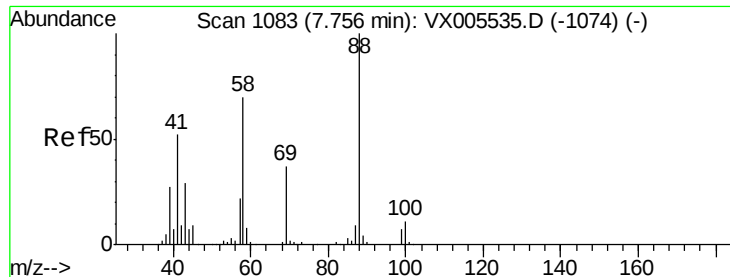
69 81.0 70.2 105.4

39 50.8 42.7 64.1



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

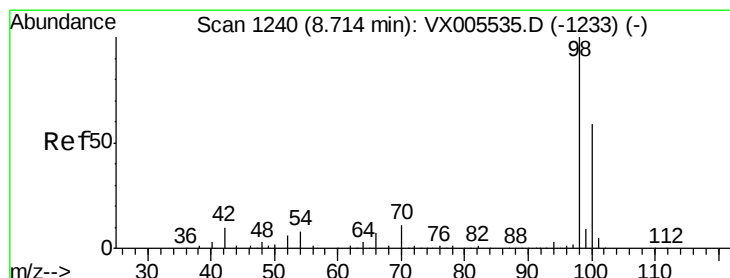
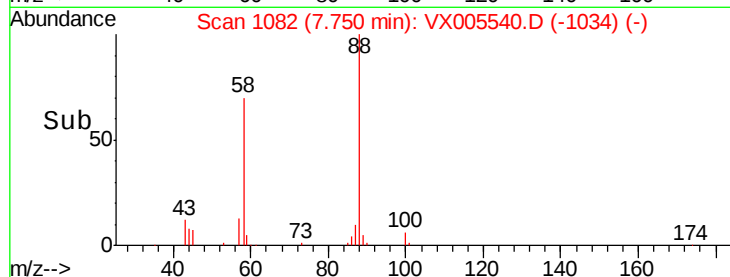
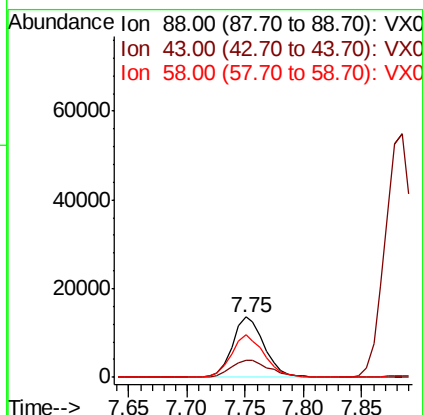
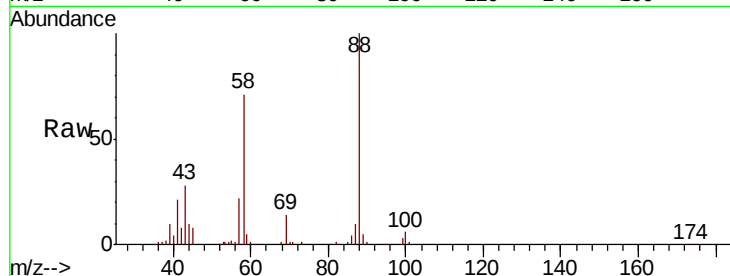




#49
1,4-Dioxane
Concen: 391.996 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

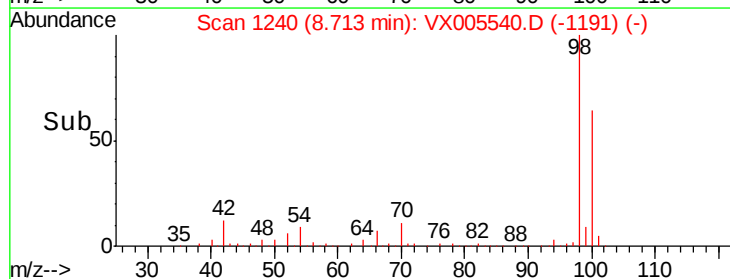
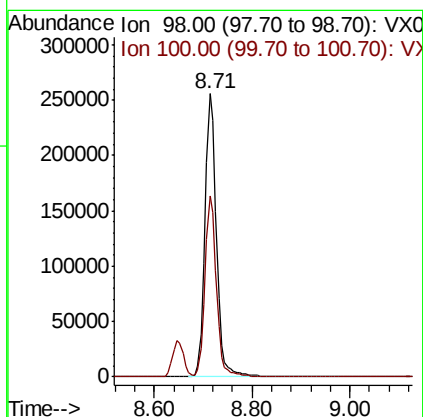
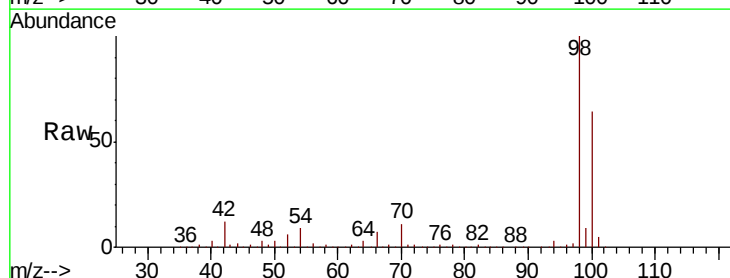
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

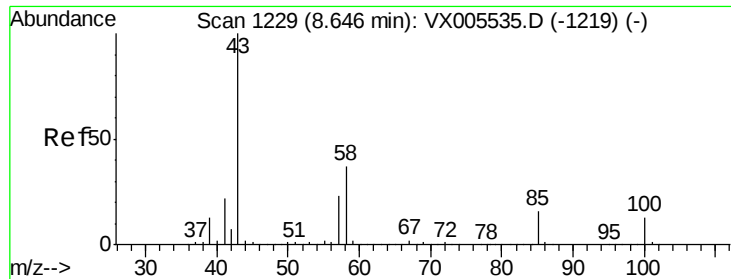
Tot Ion: 88 Resp: 25896
Ion Ratio Lower Upper
88 100
43 35.5 24.7 37.1
58 74.0 55.3 82.9



#50
Toluene-d8
Concen: 51.457 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion: 98 Resp: 418630
Ion Ratio Lower Upper
98 100
100 63.9 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 96.543 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

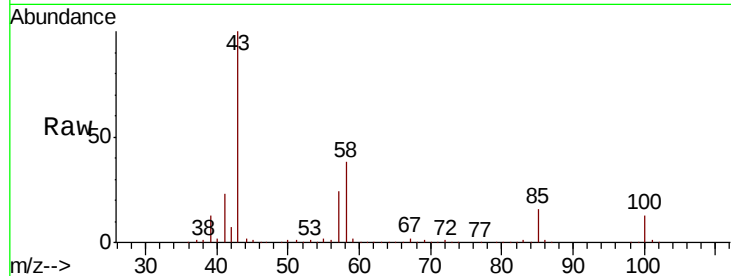
VX1024WBS01

Tot Ion: 43 Resp: 402614

Ion Ratio Lower Upper

43 100

58 37.0 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

250000

200000

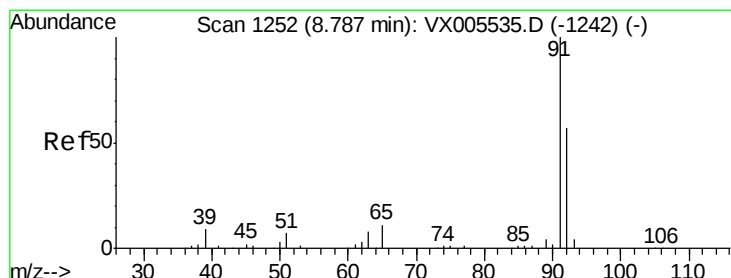
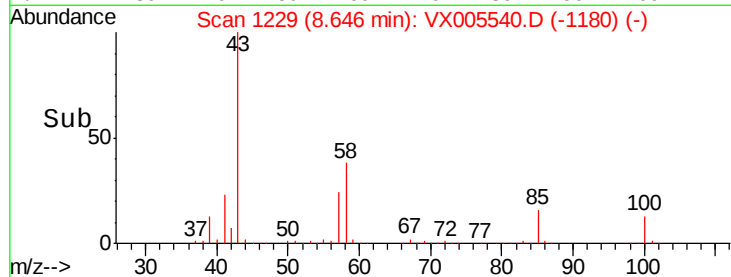
150000

100000

50000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 19.933 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005540.D

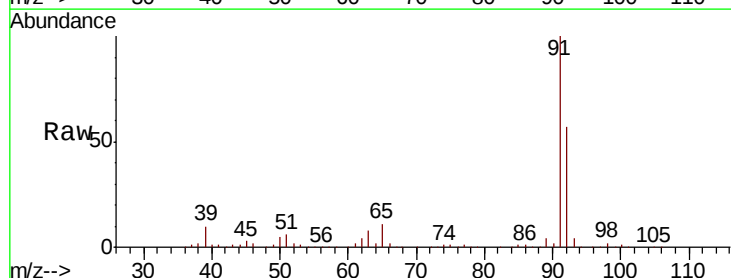
Acq: 24 Oct 2018 14:37

Tgt Ion: 92 Resp: 112691

Ion Ratio Lower Upper

92 100

91 174.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

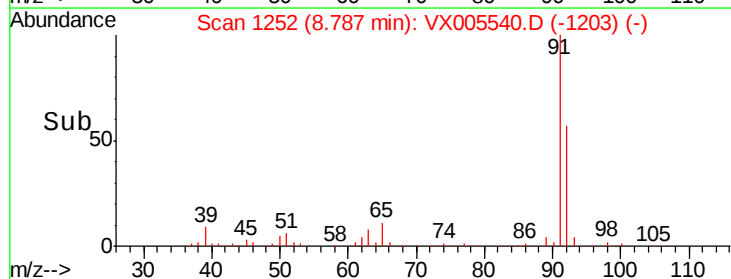
8.79

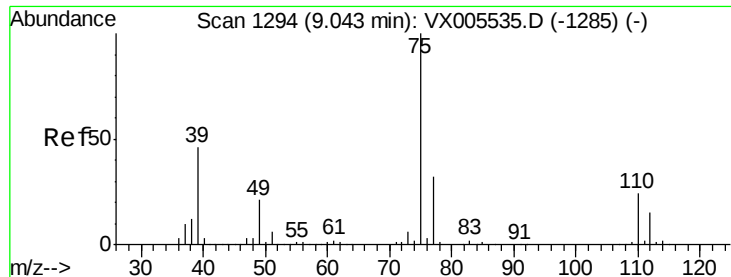
100000

50000

0

Time--> 8.70 8.80 8.90 9.00

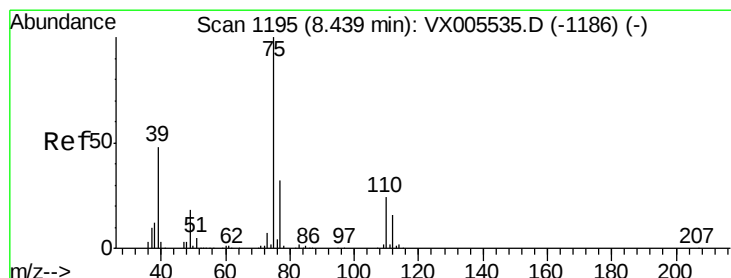
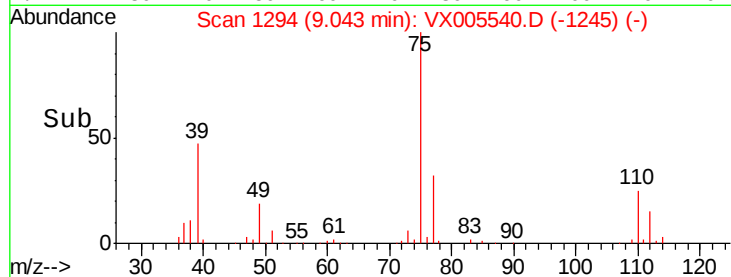
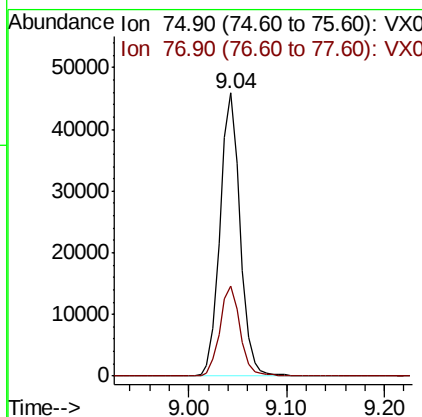
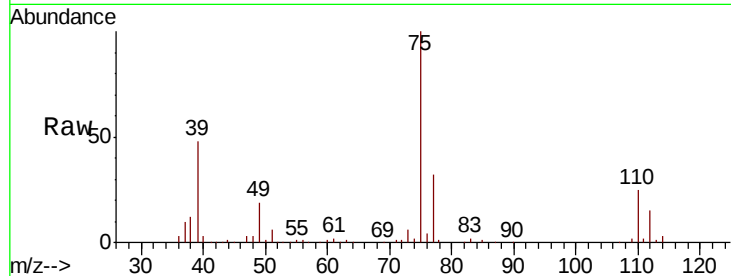




#53
 t-1,3-Dichloropropene
 Concen: 19.313 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

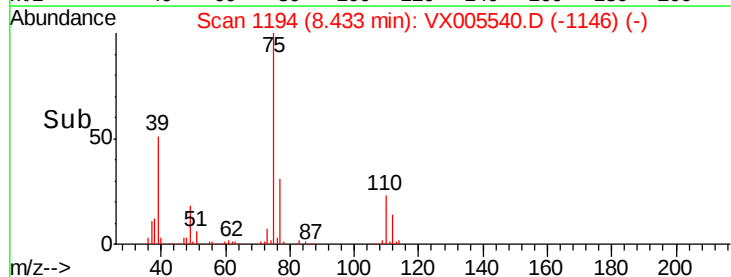
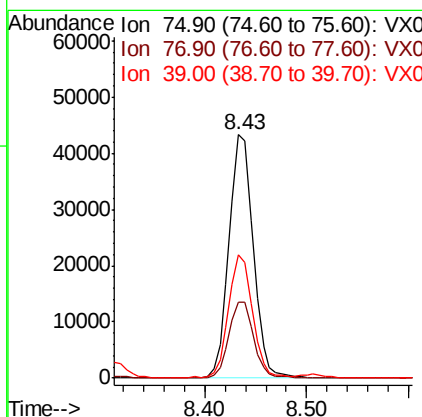
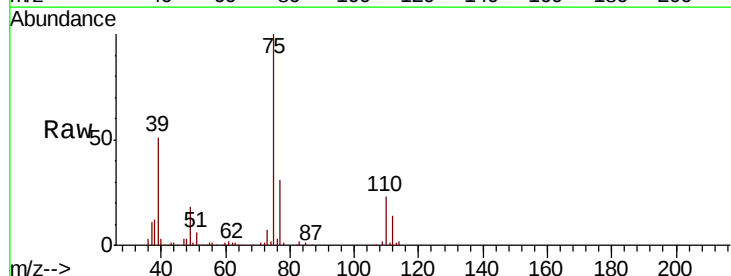
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

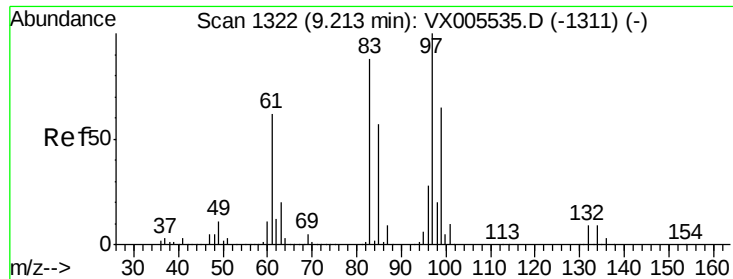
Tot Ion: 75 Resp: 65435
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.542 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Tgt Ion: 75 Resp: 71286
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.2 39.2
 39 50.6 36.4 54.6

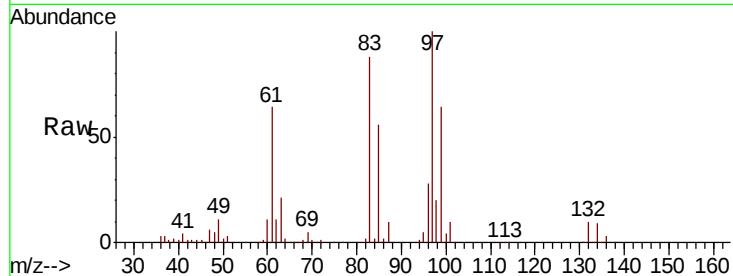




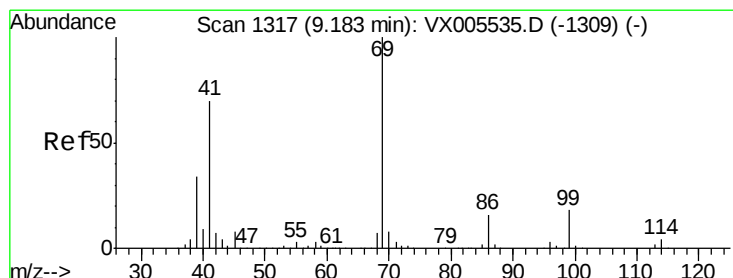
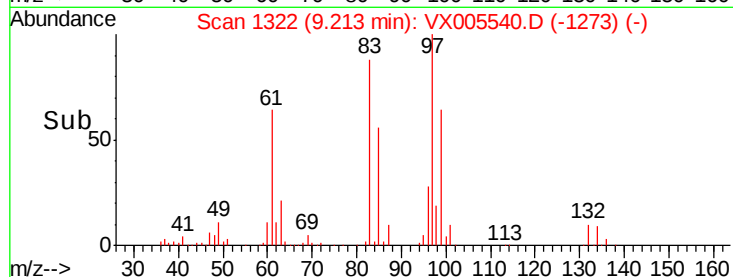
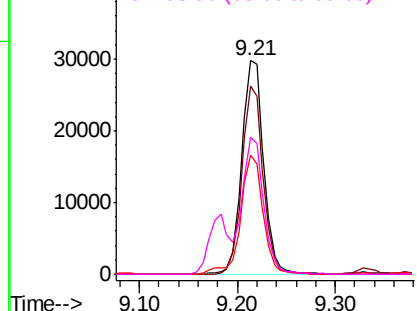
#55
 1,1,2-Trichloroethane
 Concen: 19.417 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

Tot Ion: 97 Resp: 46280
 Ion Ratio Lower Upper
 97 100
 83 88.3 66.4 99.6
 85 55.7 43.3 64.9
 99 64.1 49.0 73.4

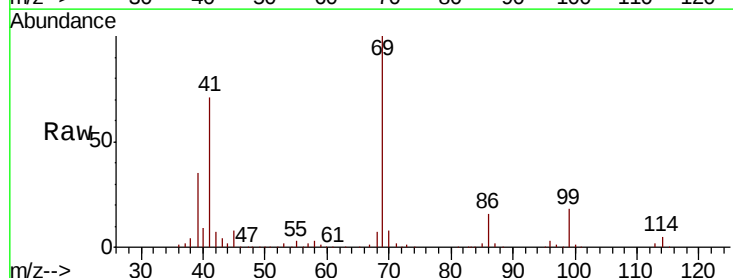


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

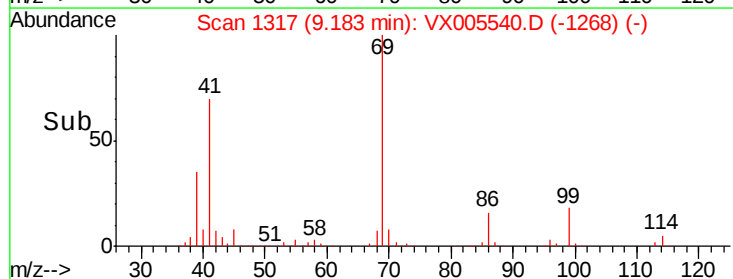
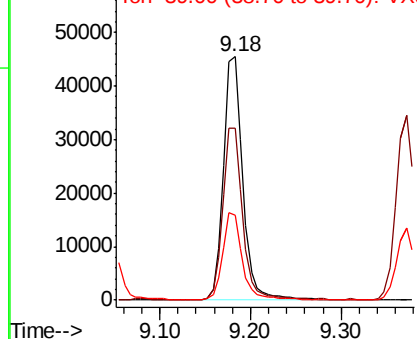


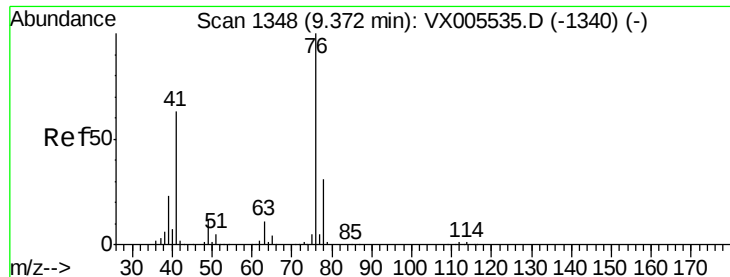
#56
 Ethyl methacrylate
 Concen: 19.066 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Tgt Ion: 69 Resp: 67784
 Ion Ratio Lower Upper
 69 100
 41 71.7 51.0 76.4
 39 36.0 26.1 39.1



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: 19.156 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

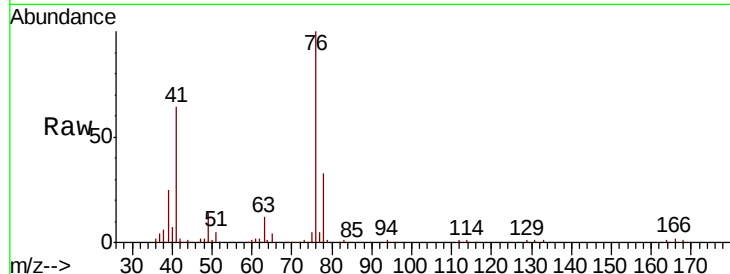
VX1024WBS01

Tot Ion: 76 Resp: 77257

Ion Ratio Lower Upper

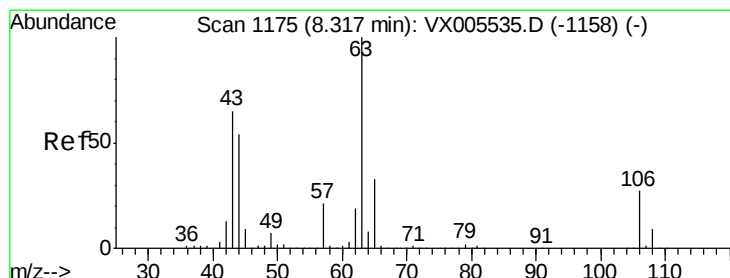
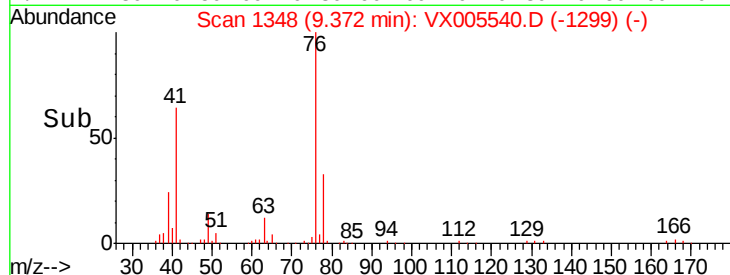
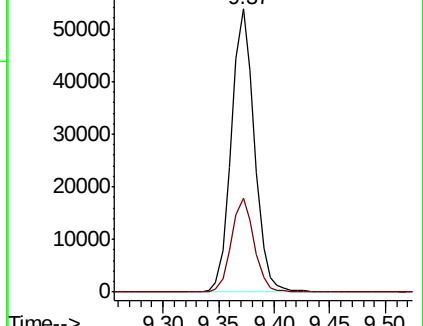
76 100

78 32.9 25.5 38.3



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: 101.403 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005540.D

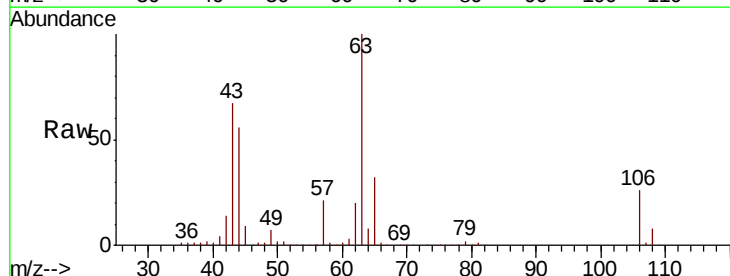
Acq: 24 Oct 2018 14:37

Tgt Ion: 63 Resp: 201350

Ion Ratio Lower Upper

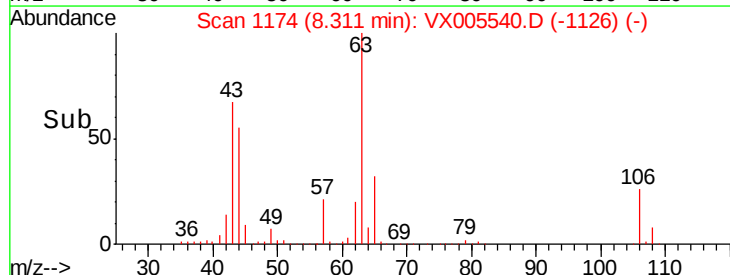
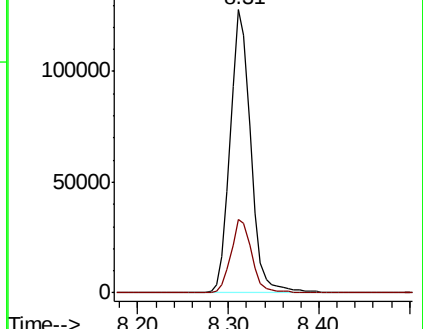
63 100

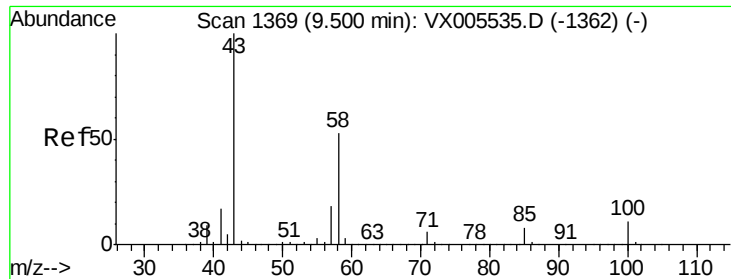
106 26.6 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

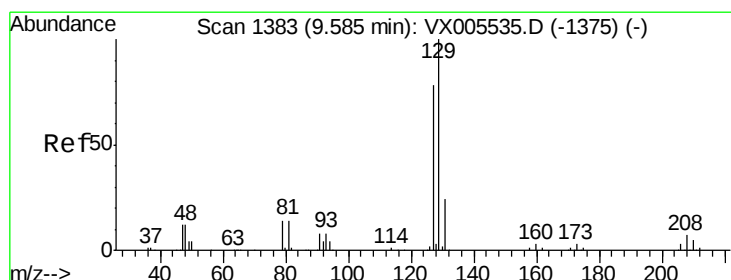
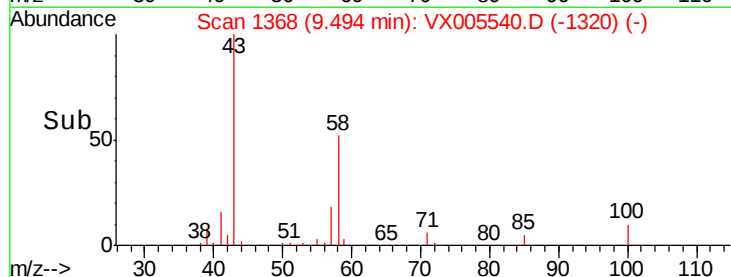
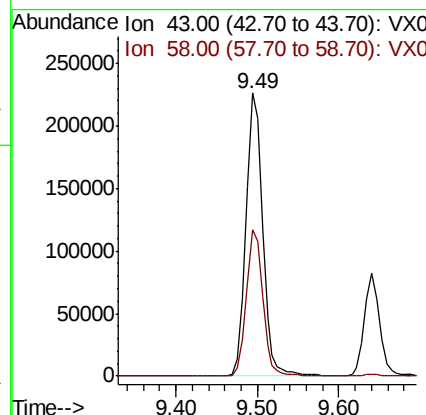
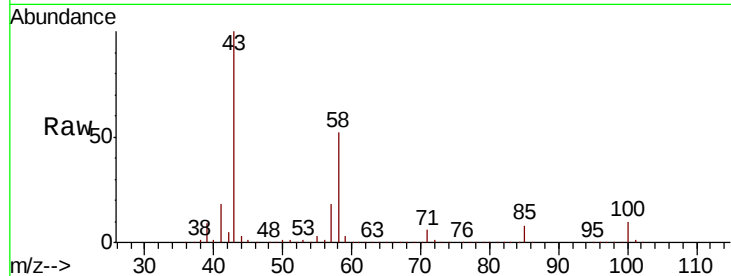




#59
2-Hexanone
Concen: 96.717 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

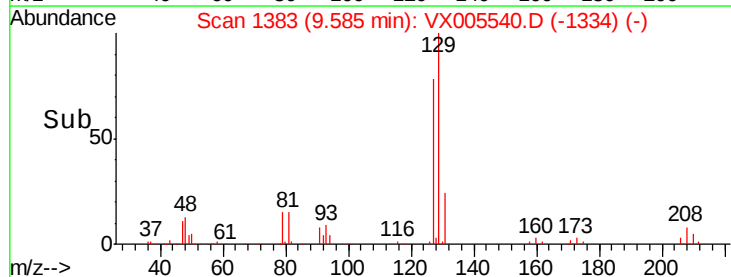
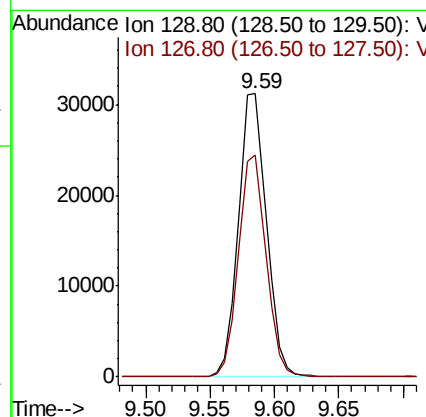
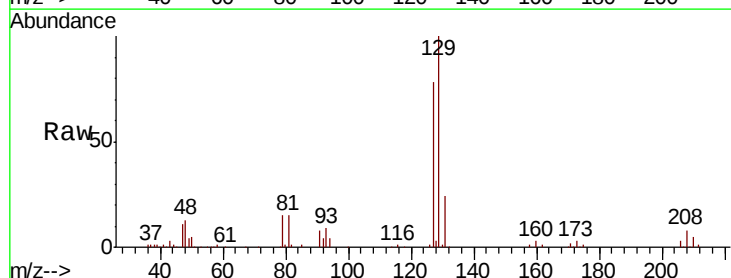
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

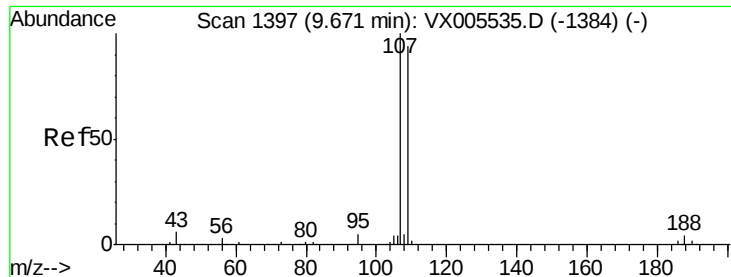
Tot Ion: 43 Resp: 318012
Ion Ratio Lower Upper
43 100
58 51.6 29.0 87.0



#60
Dibromochloromethane
Concen: 19.097 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion: 129 Resp: 47491
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.497 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

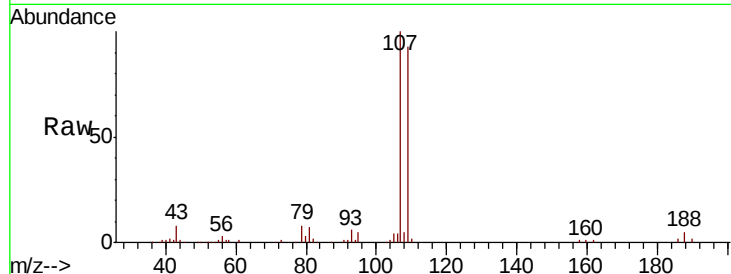
VX1024WBS01

Tot Ion:107 Resp: 48076

Ion Ratio Lower Upper

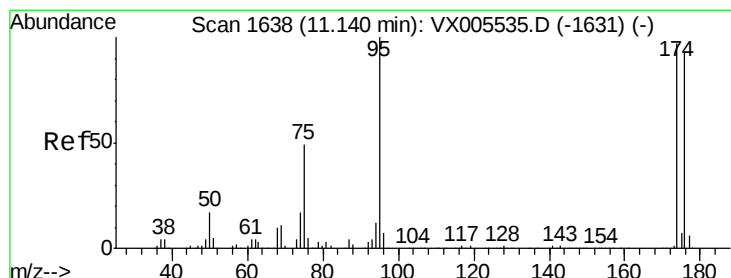
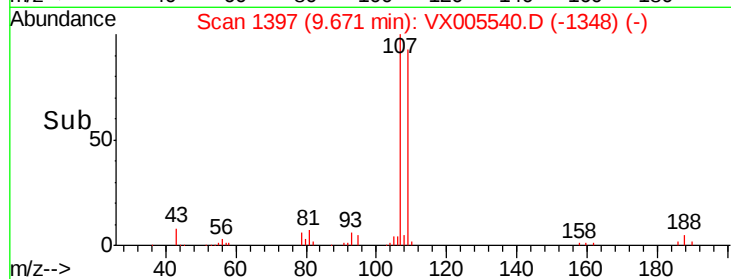
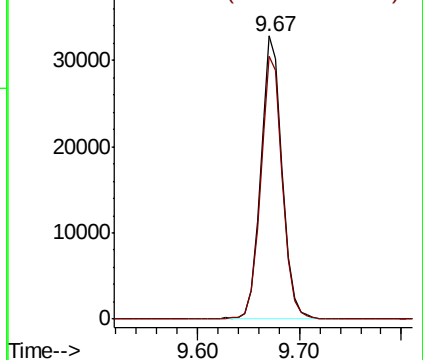
107 100

109 94.5 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.435 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

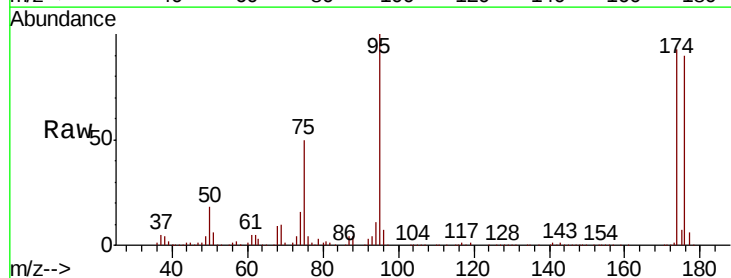
Tgt Ion: 95 Resp: 154954

Ion Ratio Lower Upper

95 100

174 91.0 0.0 185.2

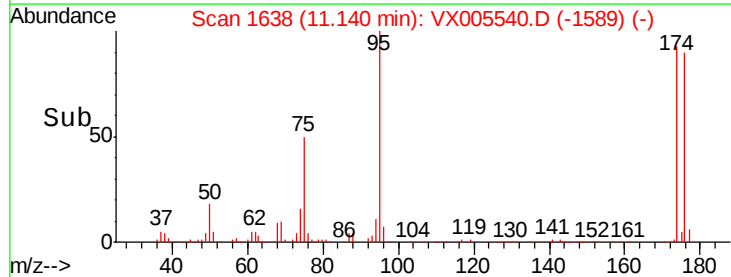
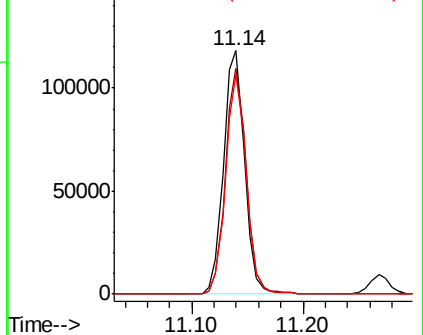
176 88.0 0.0 178.6

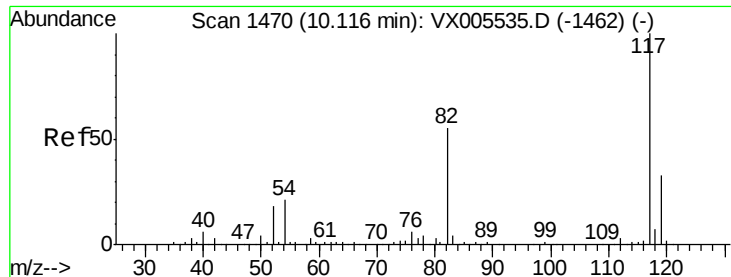


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

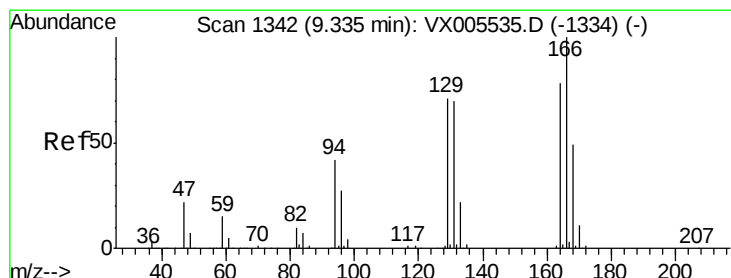
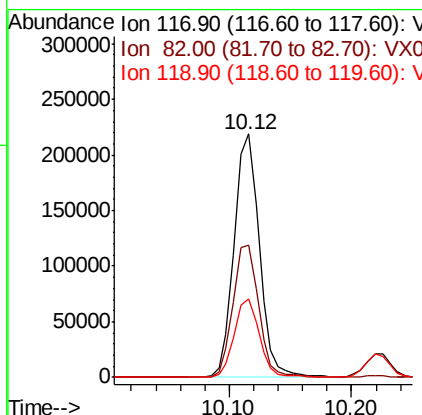
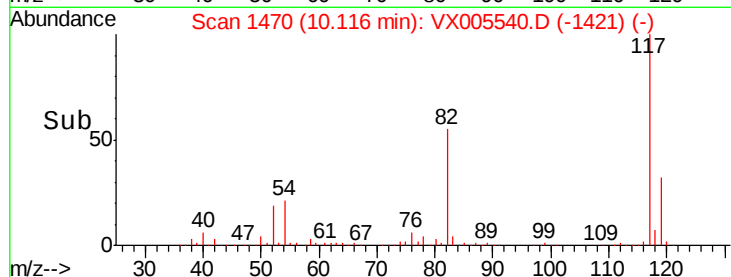
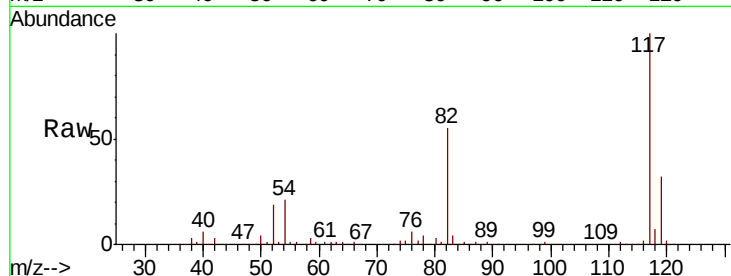




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

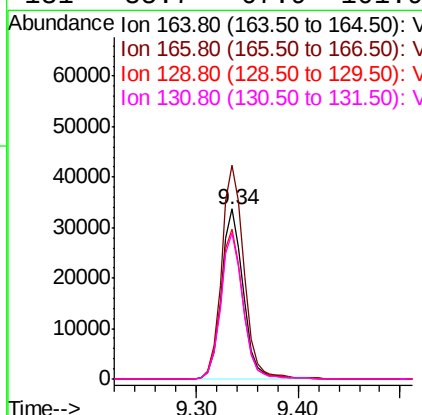
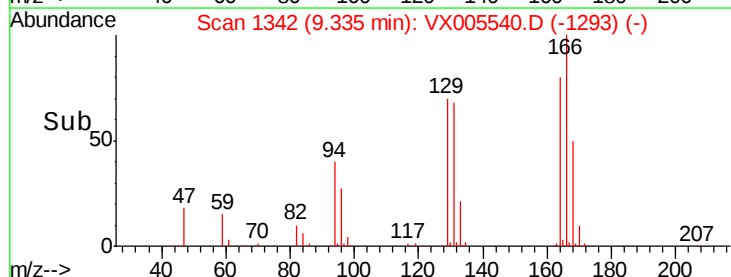
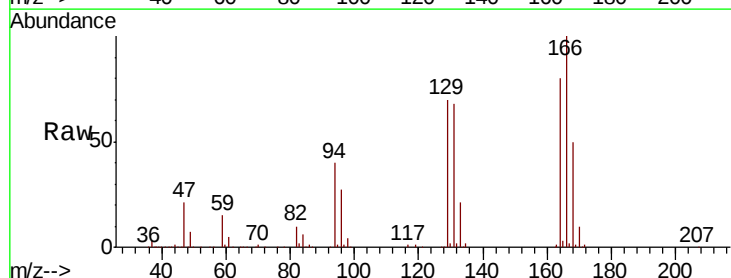
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

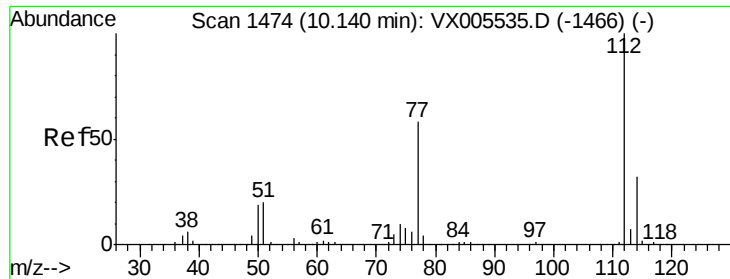
Tot Ion:117 Resp: 312384
Ion Ratio Lower Upper
117 100
82 54.5 47.8 71.6
119 32.1 29.3 43.9



#64
Tetrachloroethene
Concen: 19.392 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion:164 Resp: 50287
Ion Ratio Lower Upper
164 100
166 125.5 102.8 154.2
129 88.1 69.4 104.0
131 85.7 67.9 101.9

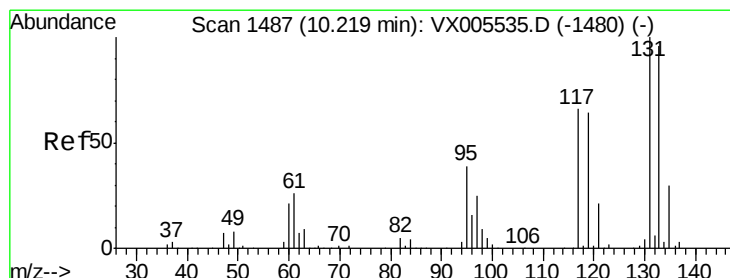
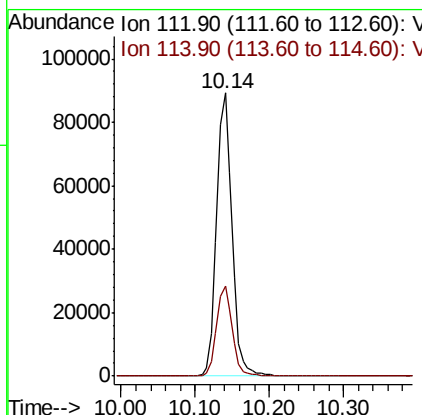
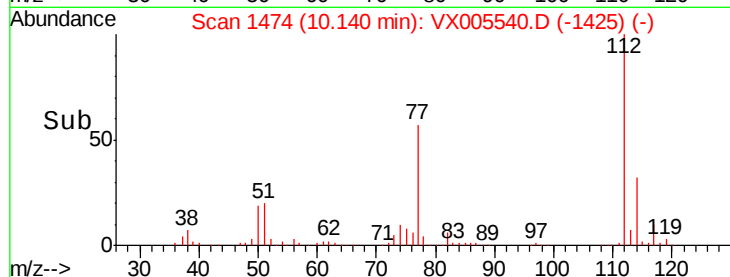
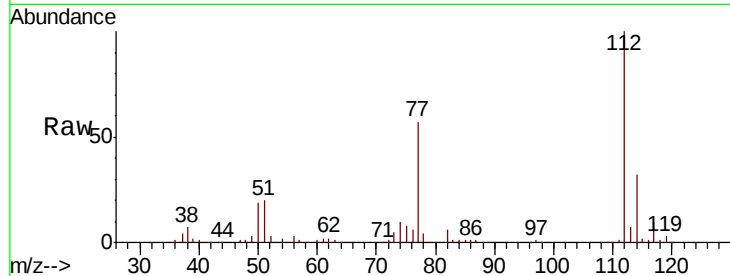




#65
Chlorobenzene
Concen: 19.068 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

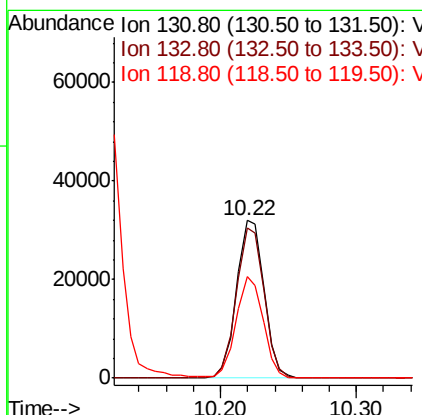
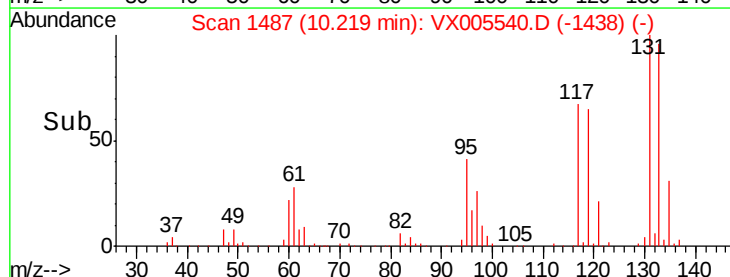
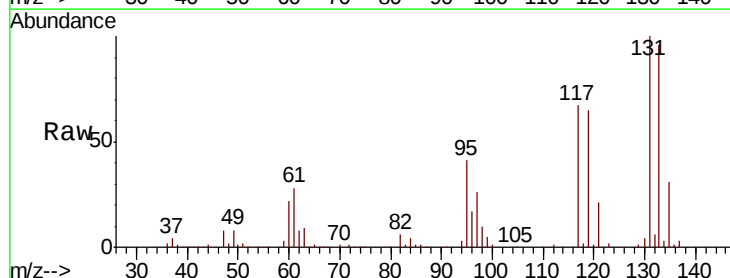
Instrument :
MSVOA_X
ClientSampled :
VX1024WBS01

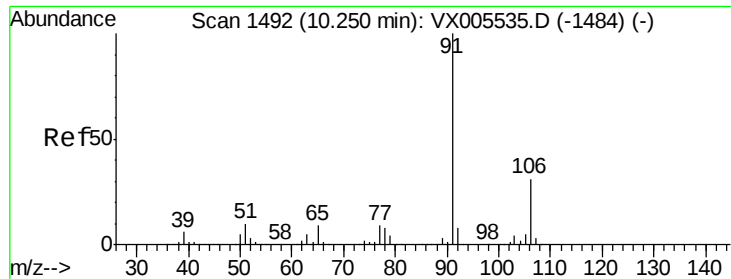
Tot Ion:112 Resp: 126844
Ion Ratio Lower Upper
112 100
114 32.0 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.582 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion:131 Resp: 45071
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.4
119 64.3 32.9 98.6





#67

Ethyl Benzene

Concen: 19.464 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampled :

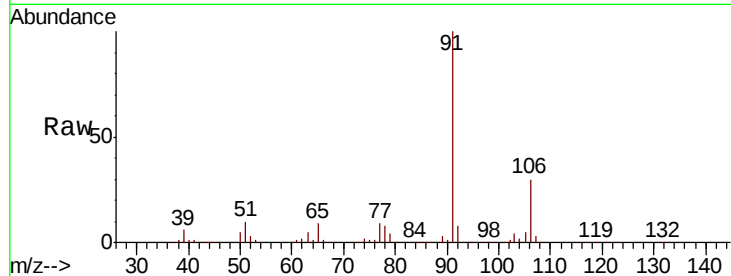
VX1024WBS01

Tot Ion: 91 Resp: 213025

Ion Ratio Lower Upper

91 100

106 30.3 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

250000

200000

150000

100000

50000

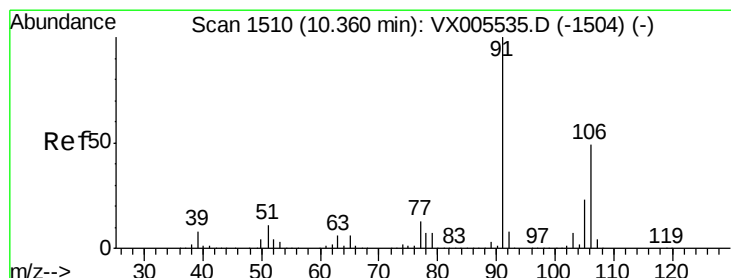
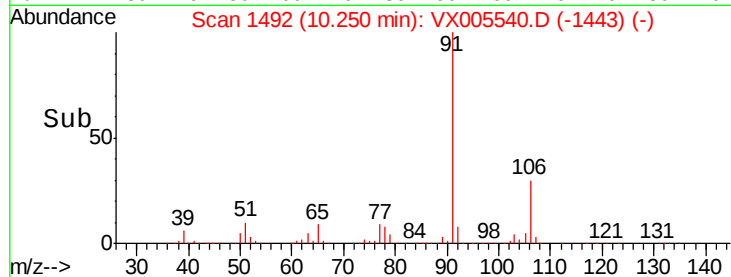
0

10.20

10.25

10.30

Time-->



#68

m/p-Xylenes

Concen: 38.992 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005540.D

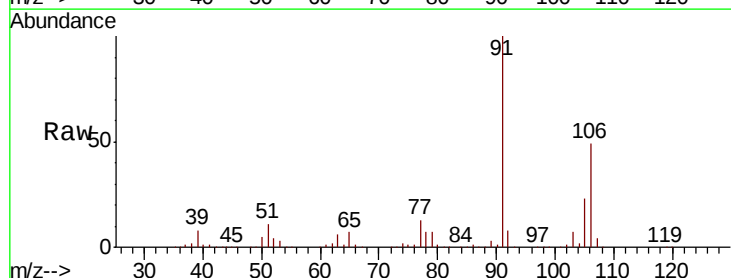
Acq: 24 Oct 2018 14:37

Tgt Ion: 106 Resp: 165567

Ion Ratio Lower Upper

106 100

91 206.8 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

100000

50000

0

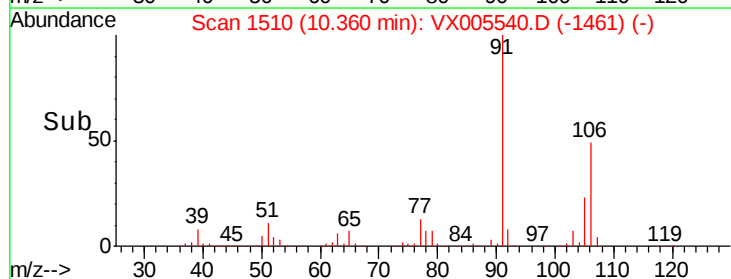
10.30

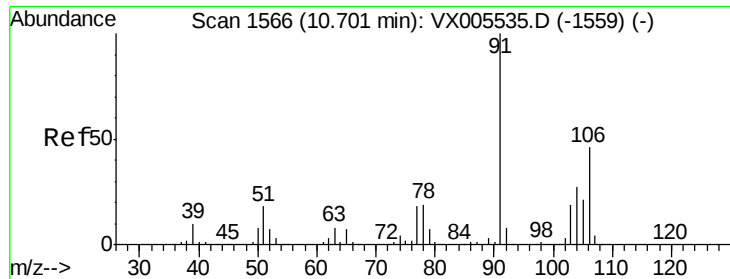
10.36

10.40

10.50

Time-->

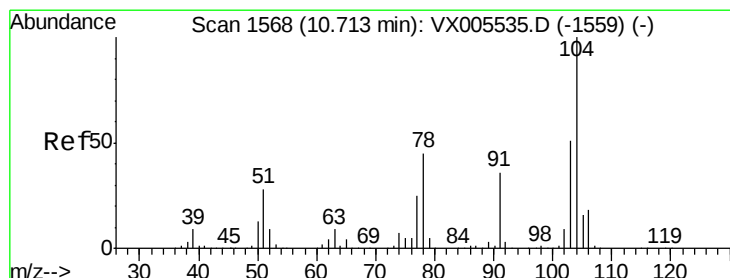
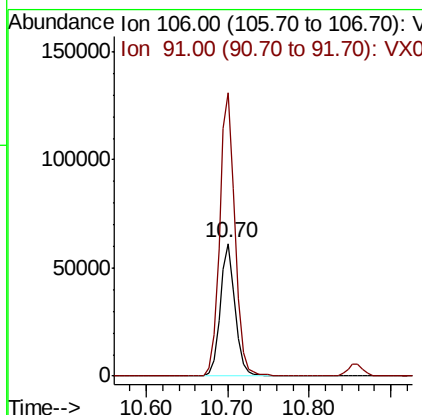
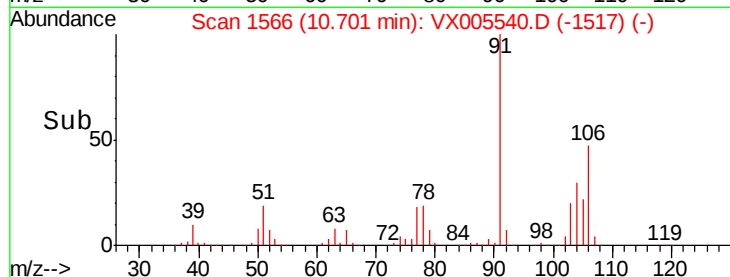
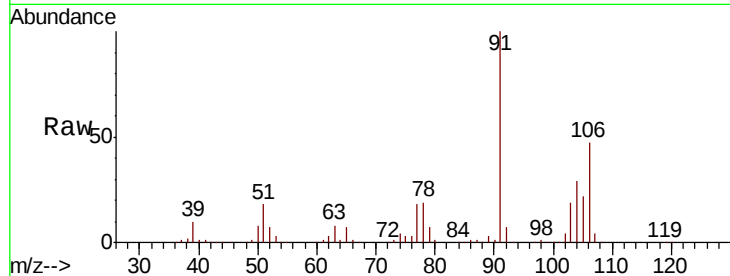




#69
o-Xylene
Concen: 19.550 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

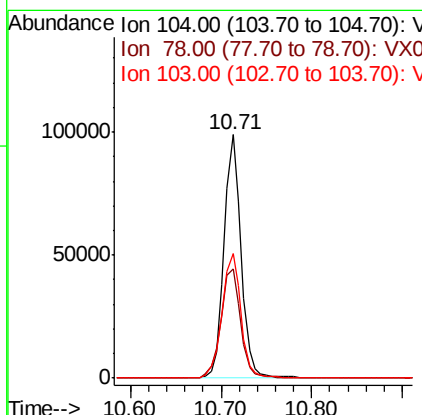
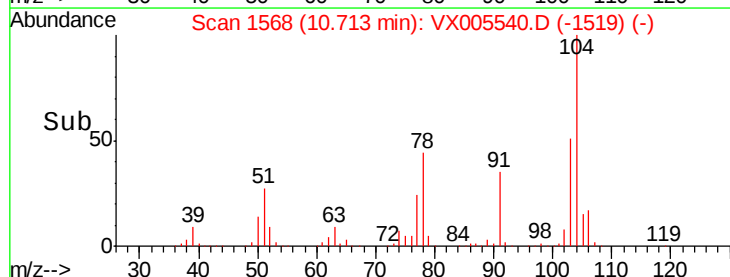
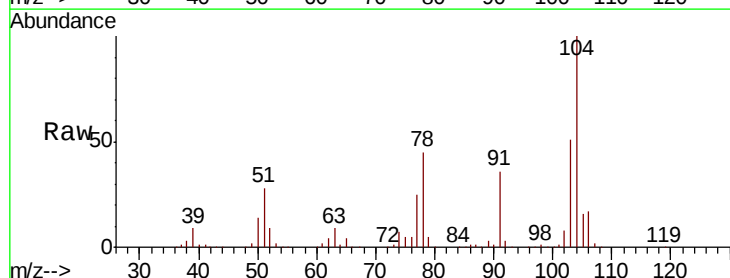
Instrument :
MSVOA_X
ClientSampled :
VX1024WBS01

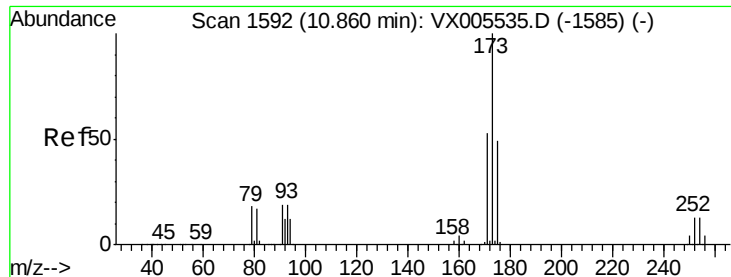
Tot Ion:106 Resp: 78101
Ion Ratio Lower Upper
106 100
91 221.2 105.1 315.1



#70
Styrene
Concen: 19.468 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion:104 Resp: 130193
Ion Ratio Lower Upper
104 100
78 51.8 37.4 56.0
103 56.9 43.8 65.6





#71

Bromoform

Concen: 17.736 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

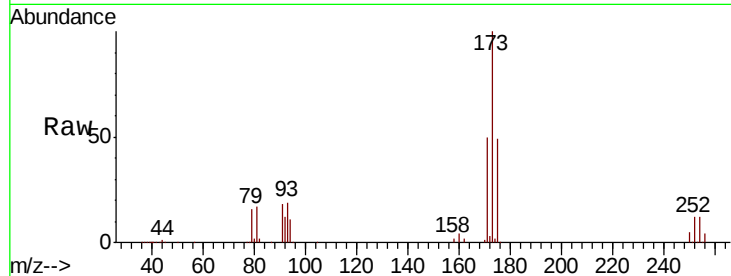
Tot Ion:173 Resp: 38387

Ion Ratio Lower Upper

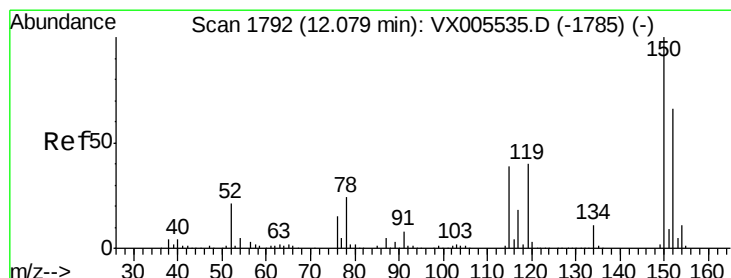
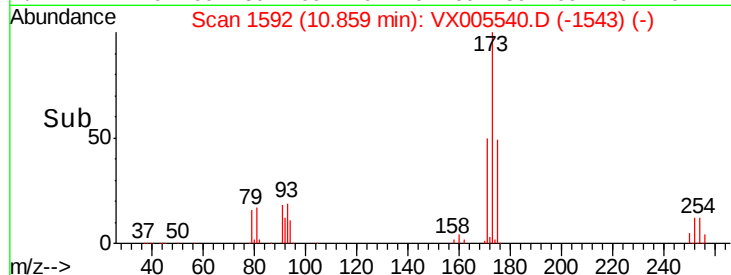
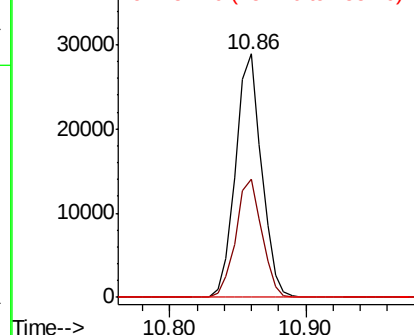
173 100

175 48.9 24.1 72.3

254 0.1 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: VX005540.D

Acq: 24 Oct 2018 14:37

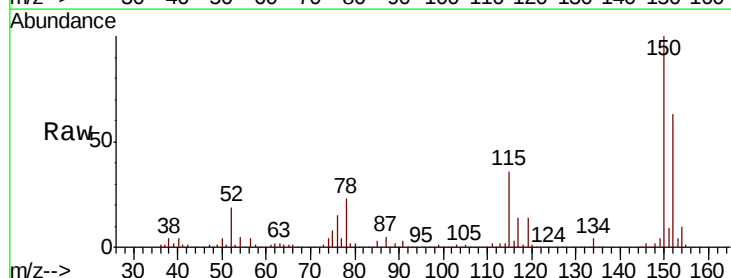
Tgt Ion:152 Resp: 175628

Ion Ratio Lower Upper

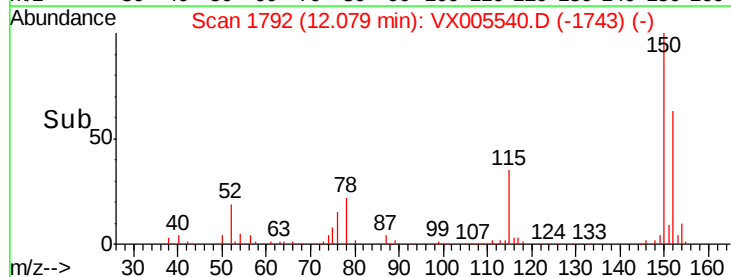
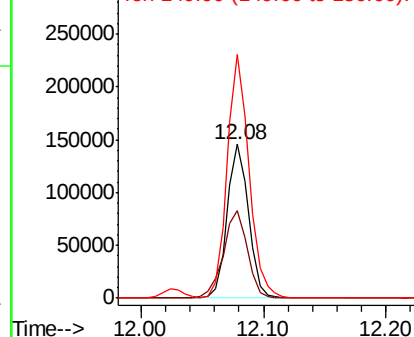
152 100

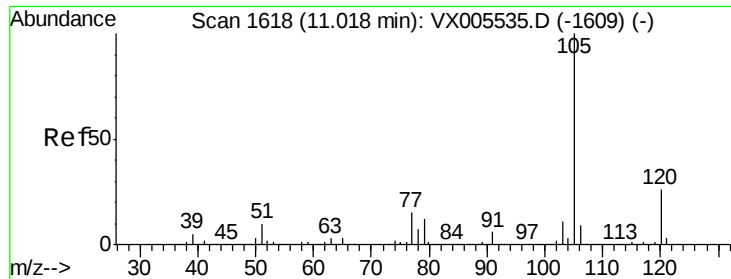
115 64.4 39.0 117.0

150 162.8 0.0 351.0



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: 20.307 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

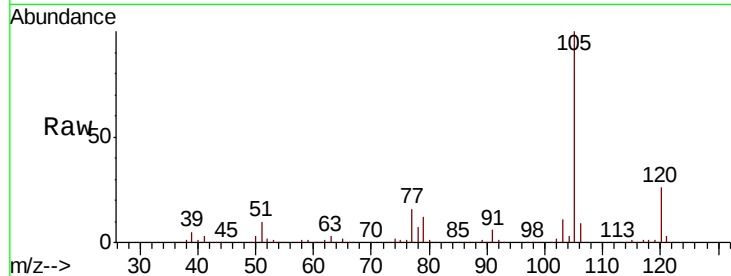
VX1024WBS01

Tot Ion:105 Resp: 218016

Ion Ratio Lower Upper

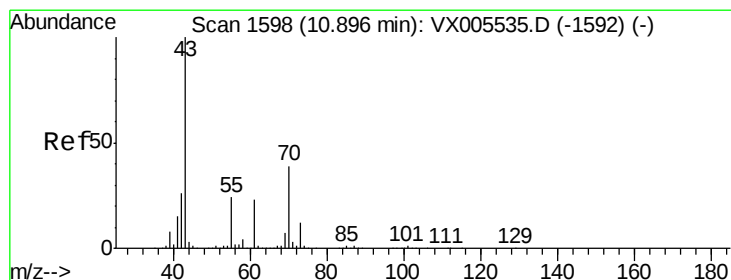
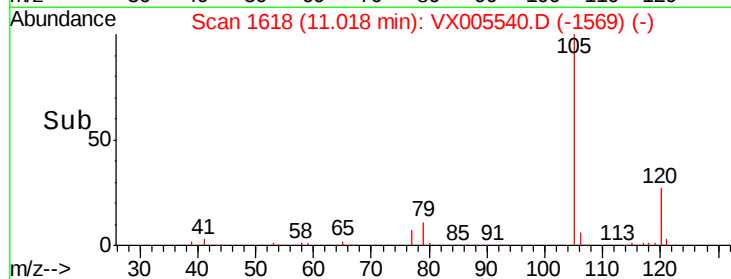
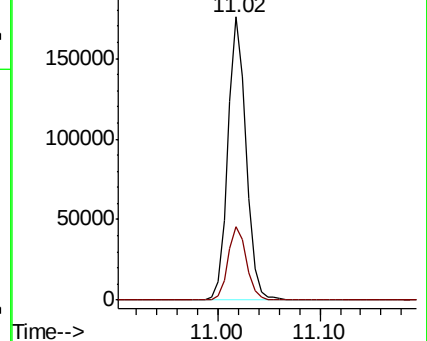
105 100

120 26.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.031 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Tgt Ion: 43 Resp: 101236

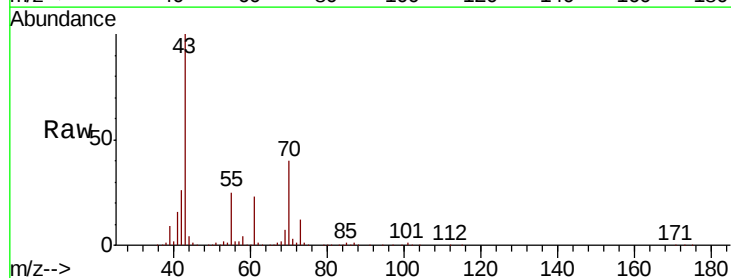
Ion Ratio Lower Upper

43 100

70 40.6 37.4 56.0

55 25.6 21.8 32.8

61 23.0 20.6 30.8

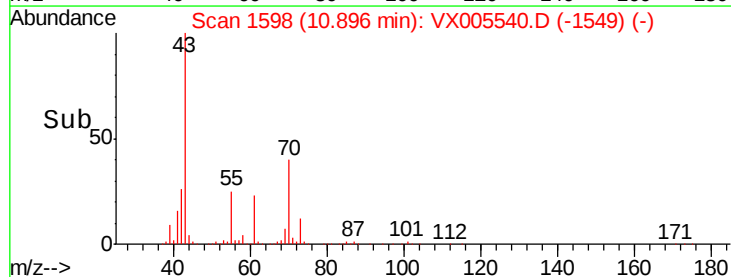
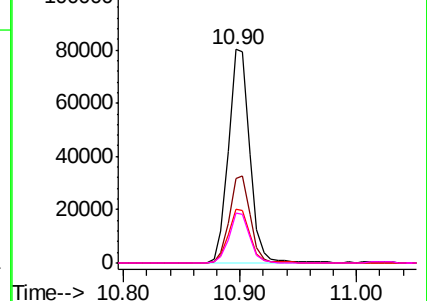


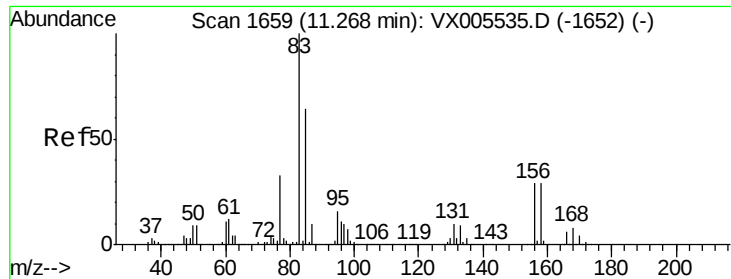
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.724 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

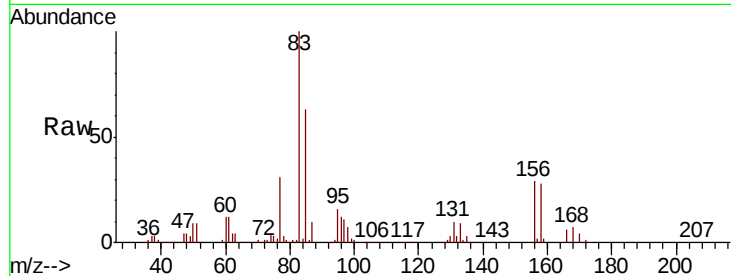
Tot Ion: 83 Resp: 74161

Ion Ratio Lower Upper

83 100

131 10.8 5.2 15.6

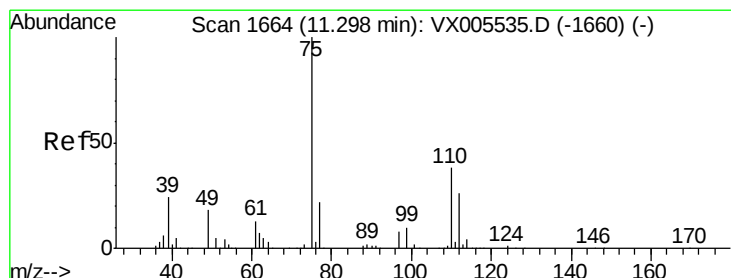
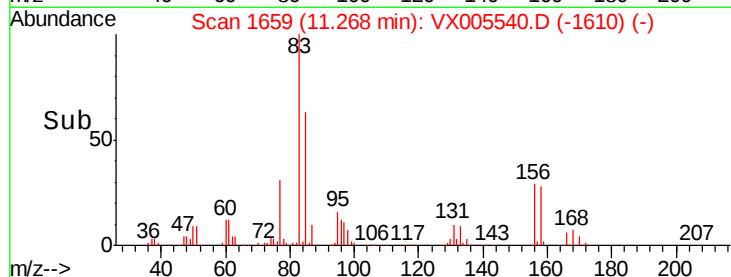
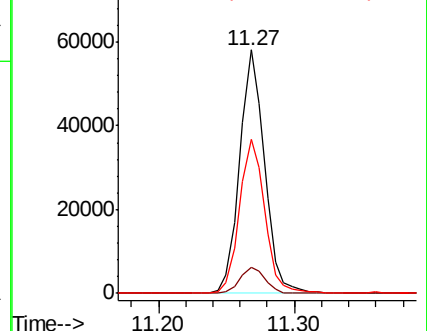
85 64.3 32.3 96.8



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: 23.988 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005540.D

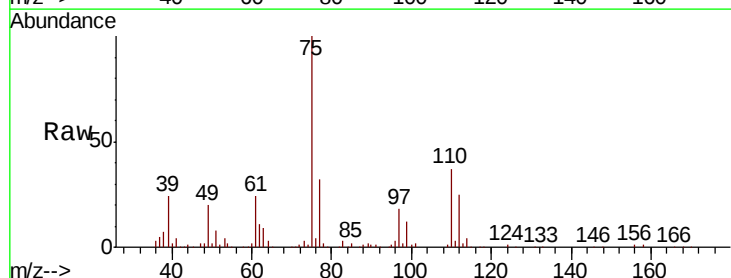
Acq: 24 Oct 2018 14:37

Tgt Ion: 75 Resp: 85813

Ion Ratio Lower Upper

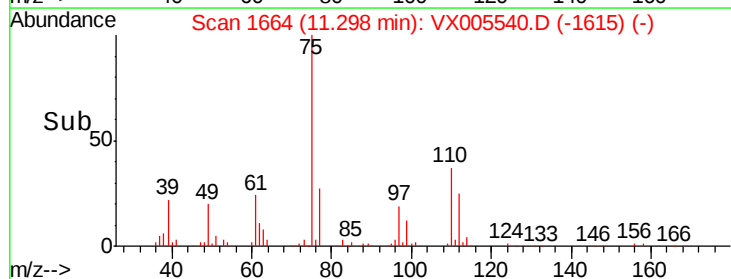
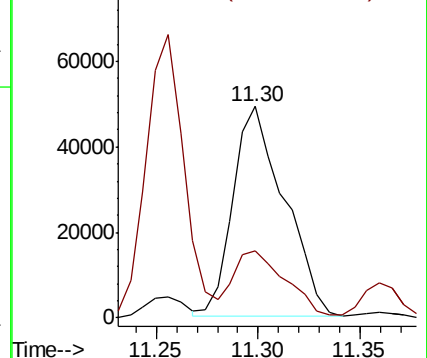
75 100

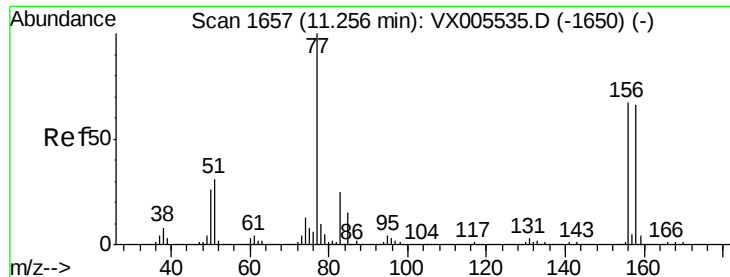
77 32.5 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.577 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

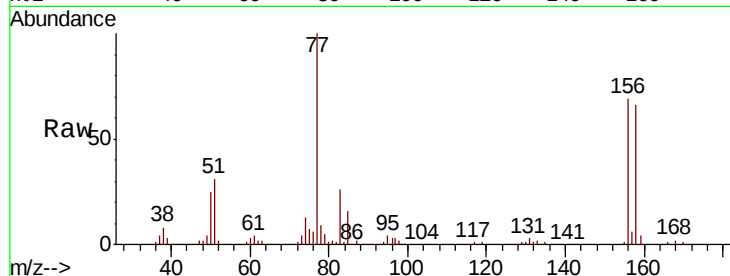
Tot Ion:156 Resp: 58575

Ion Ratio Lower Upper

156 100

77 147.3 71.5 214.3

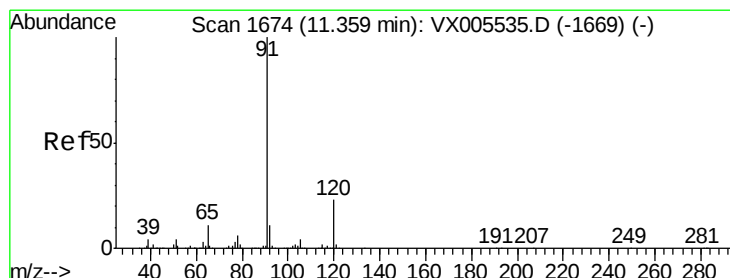
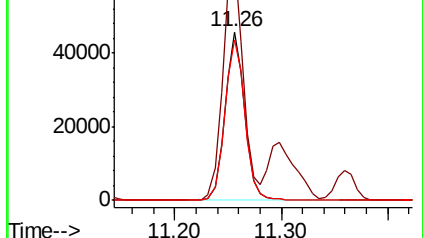
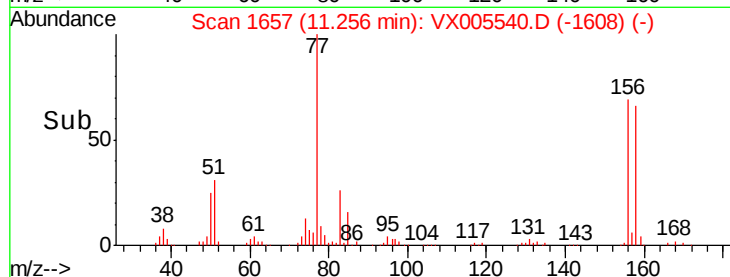
158 98.0 48.9 146.8



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: 20.601 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005540.D

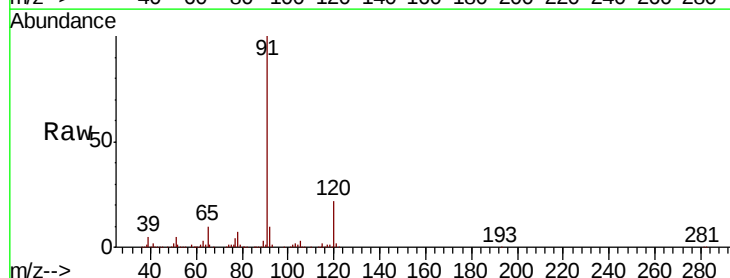
Acq: 24 Oct 2018 14:37

Tgt Ion: 91 Resp: 252897

Ion Ratio Lower Upper

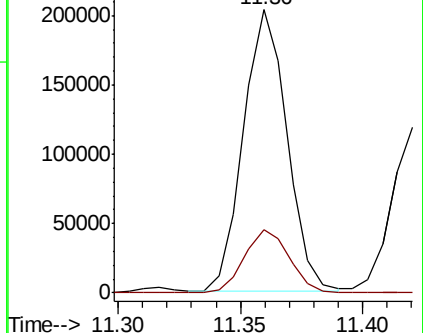
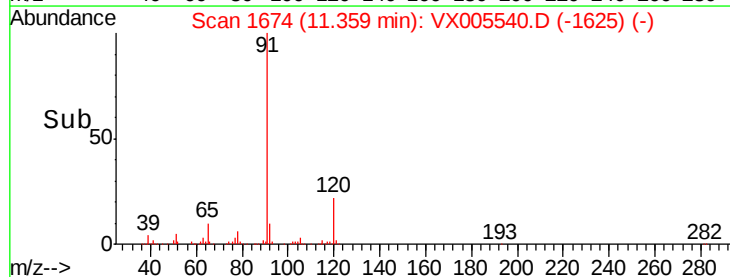
91 100

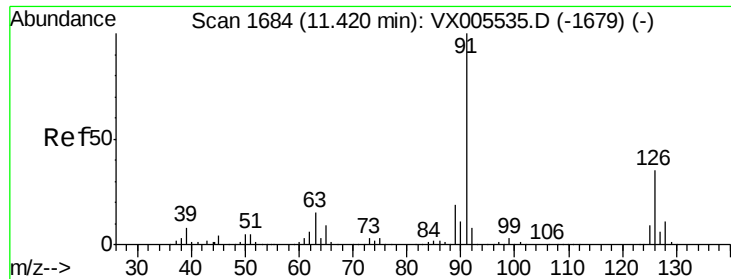
120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.945 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampled :

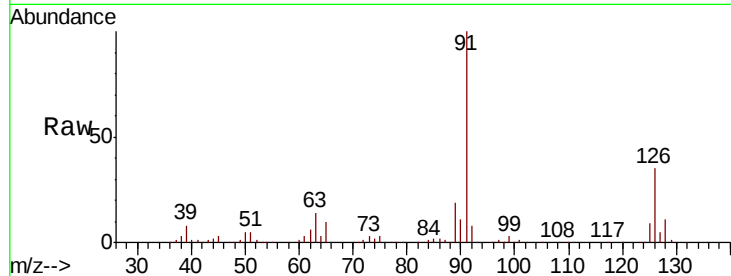
VX1024WBS01

Tot Ion: 91 Resp: 151811

Ion Ratio Lower Upper

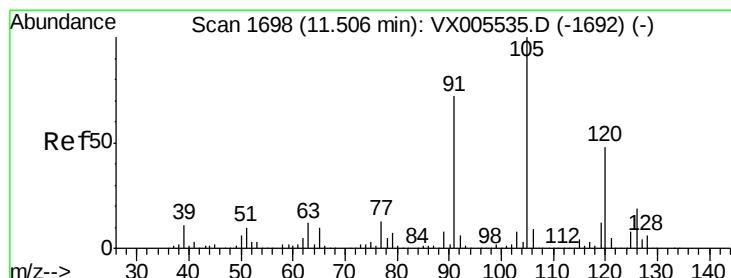
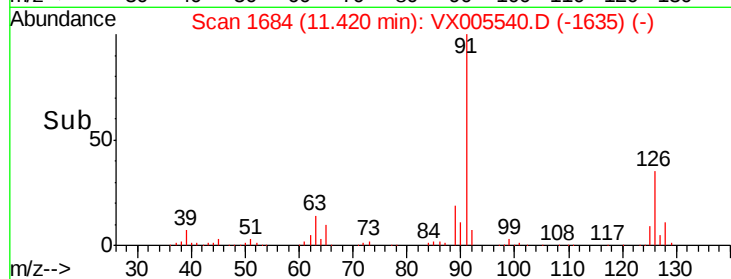
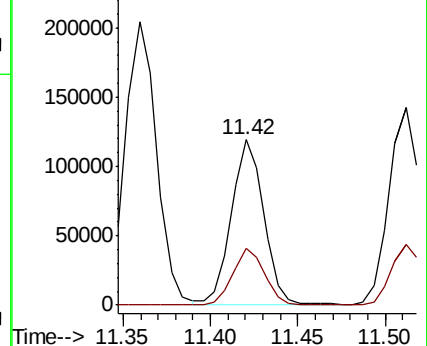
91 100

126 34.4 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.391 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005540.D

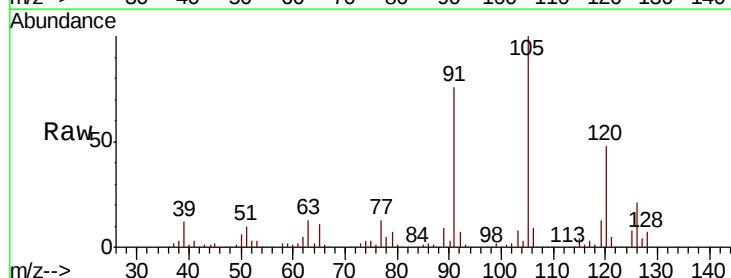
Acq: 24 Oct 2018 14:37

Tgt Ion:105 Resp: 187269

Ion Ratio Lower Upper

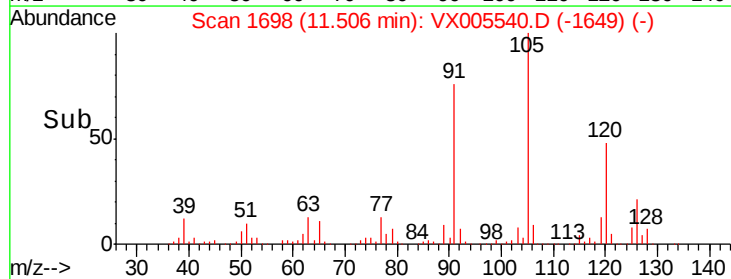
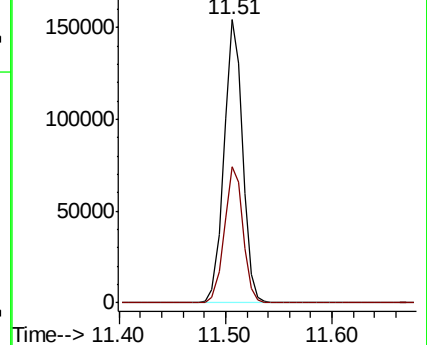
105 100

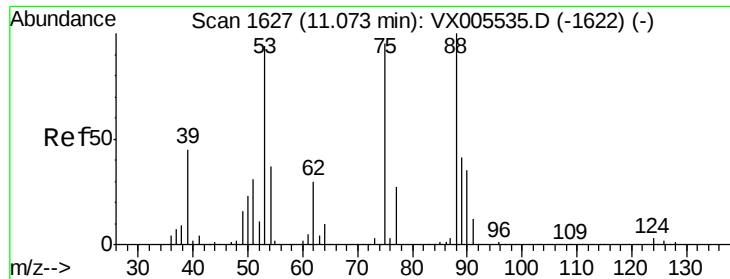
120 48.2 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.300 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

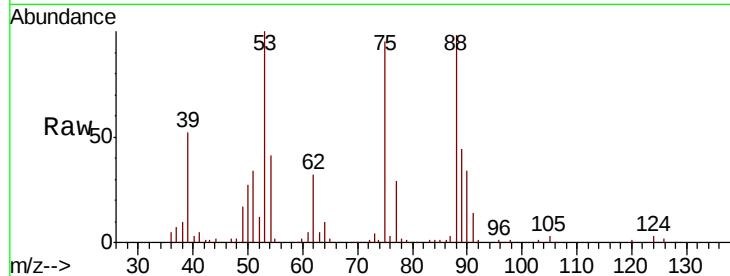
Tot Ion: 75 Resp: 20840

Ion Ratio Lower Upper

75 100

53 106.5 80.1 120.1

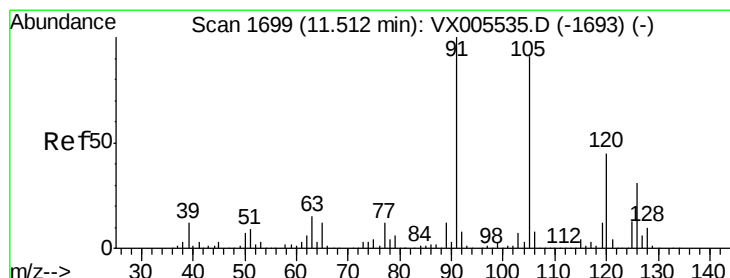
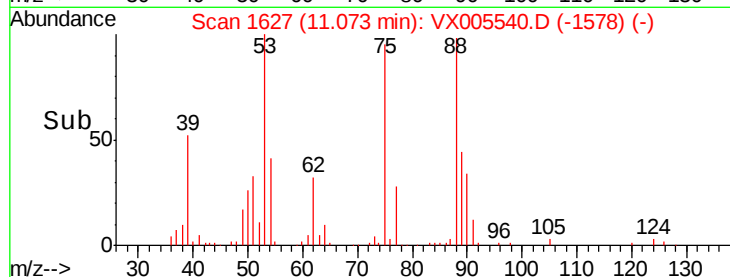
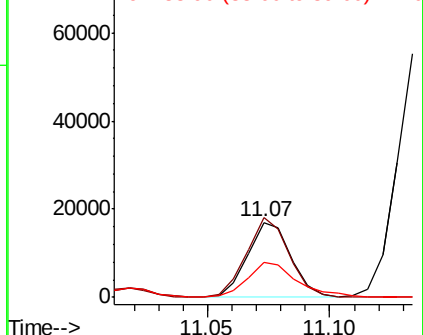
89 53.7 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.094 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005540.D

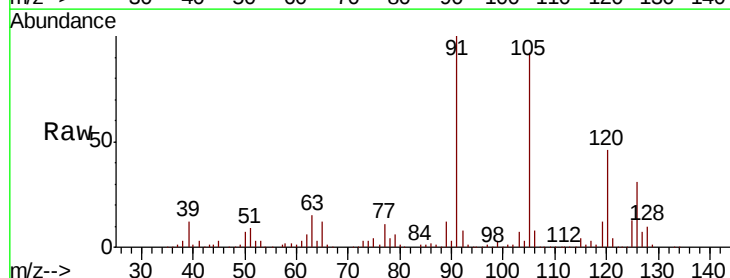
Acq: 24 Oct 2018 14:37

Tgt Ion: 91 Resp: 180350

Ion Ratio Lower Upper

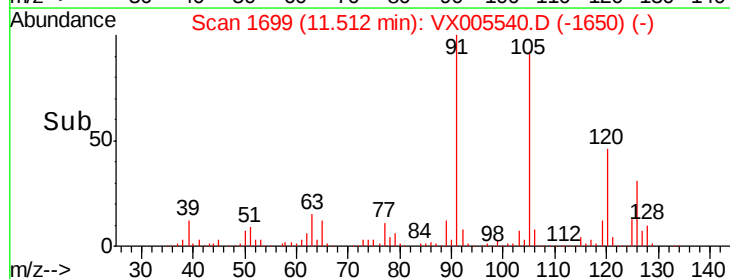
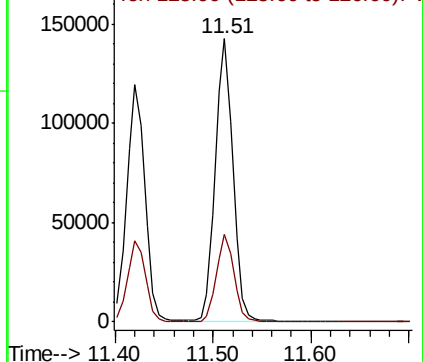
91 100

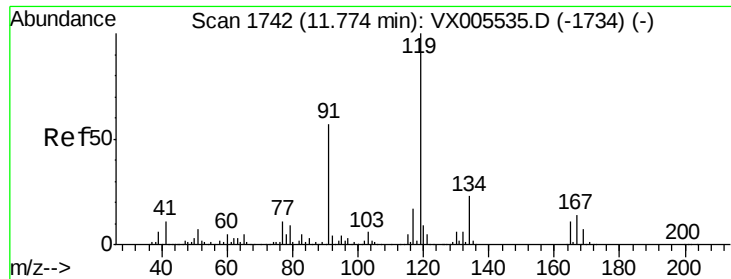
126 30.5 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

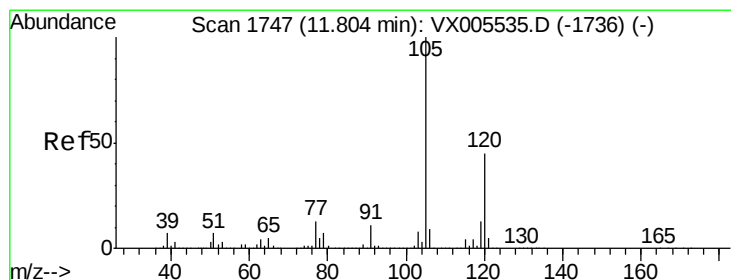
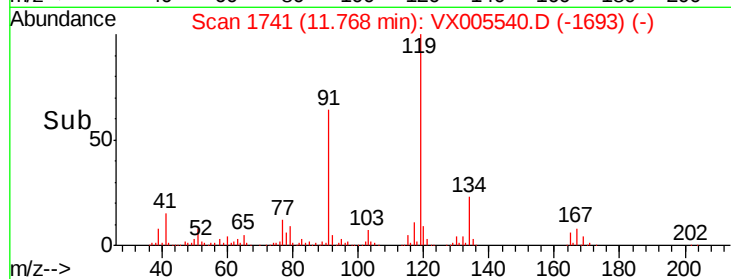
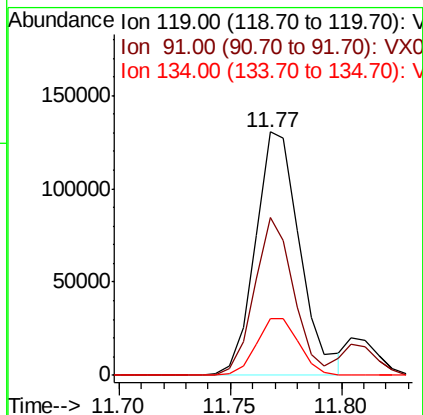
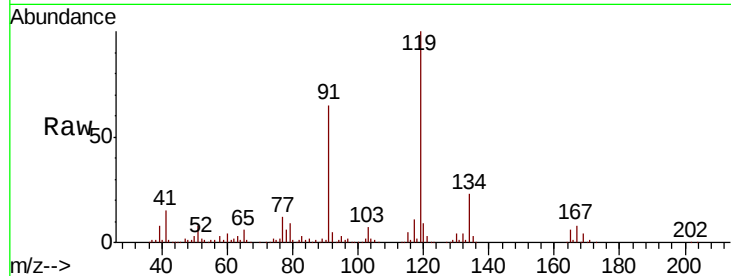




#83
 tert-Butylbenzene
 Concen: 19.786 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

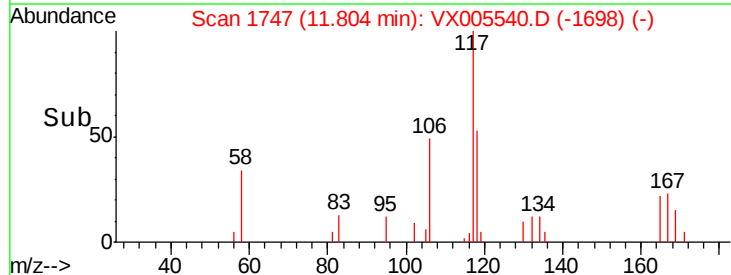
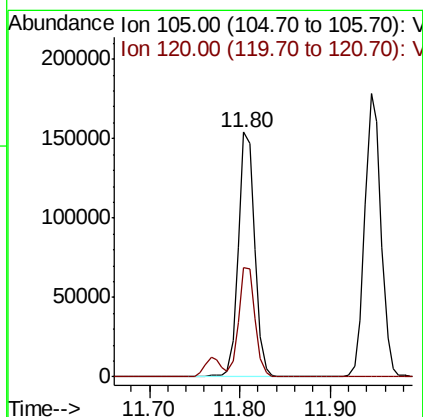
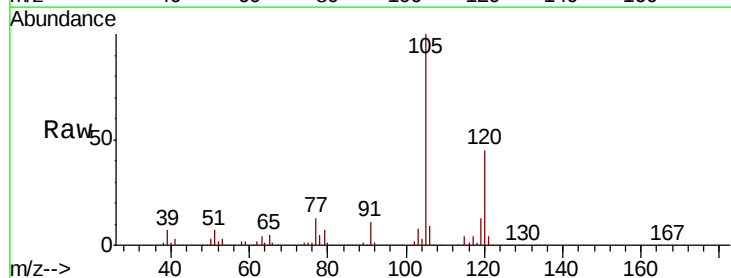
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

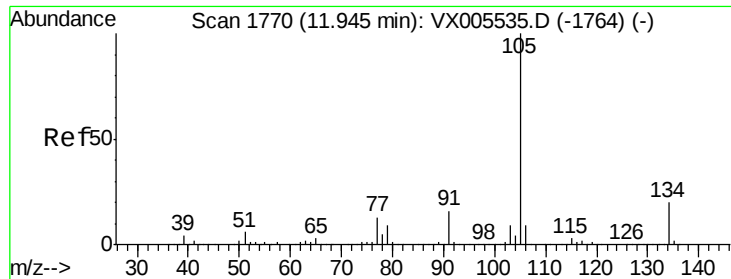
Tot Ion:119 Resp: 181132
 Ion Ratio Lower Upper
 119 100
 91 57.3 27.0 81.0
 134 22.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.750 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Tgt Ion:105 Resp: 193136
 Ion Ratio Lower Upper
 105 100
 120 44.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.319 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

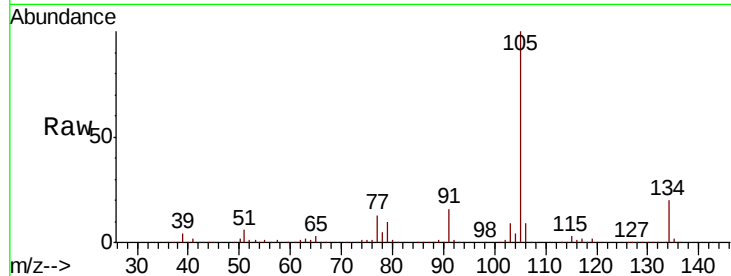
VX1024WBS01

Tot Ion:105 Resp: 221960

Ion Ratio Lower Upper

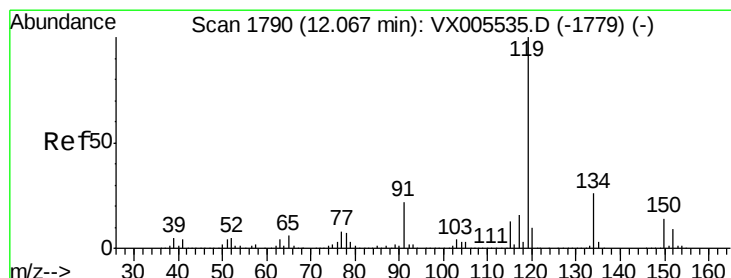
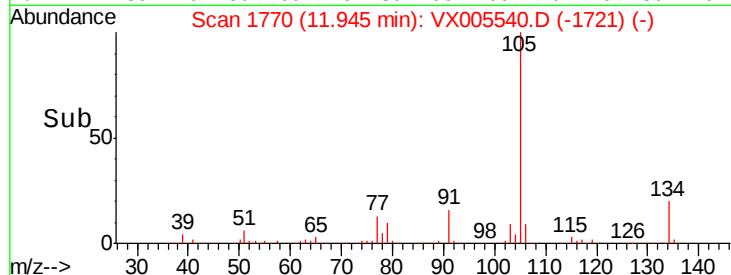
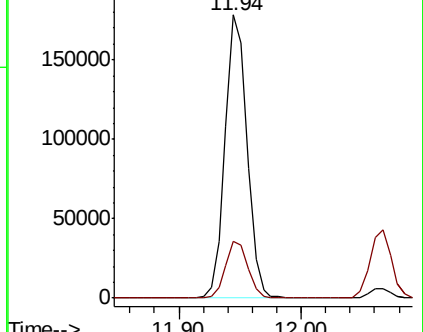
105 100

134 20.3 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.655 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

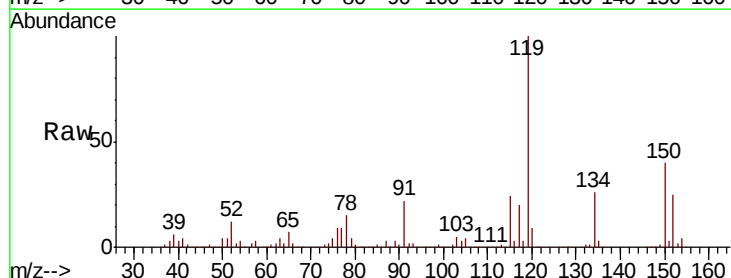
Tgt Ion:119 Resp: 201698

Ion Ratio Lower Upper

119 100

134 26.0 13.4 40.2

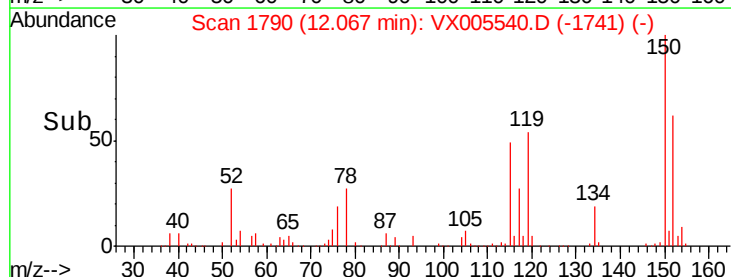
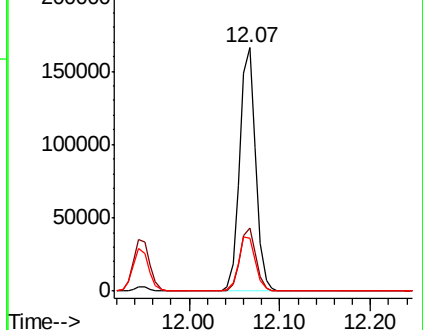
91 23.2 10.9 32.7

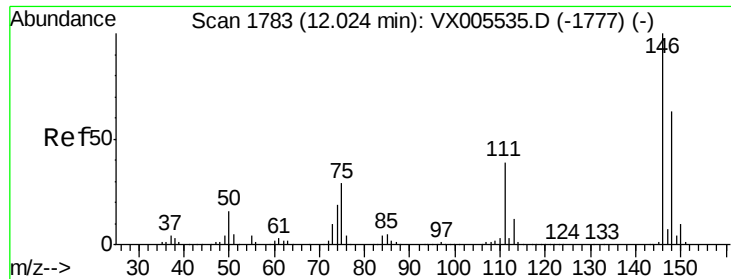


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

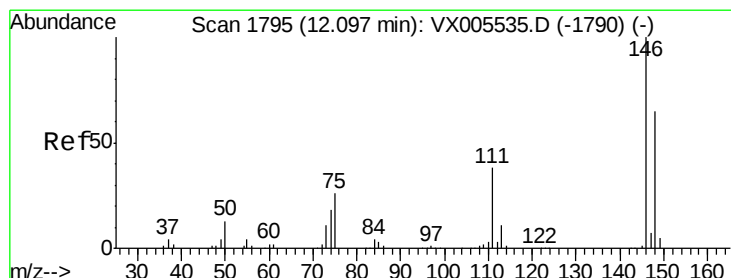
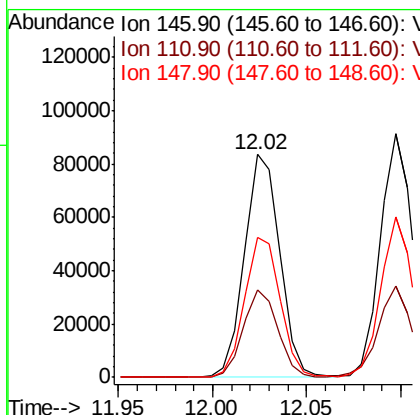
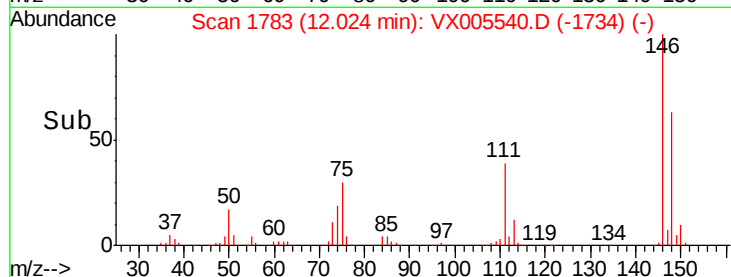
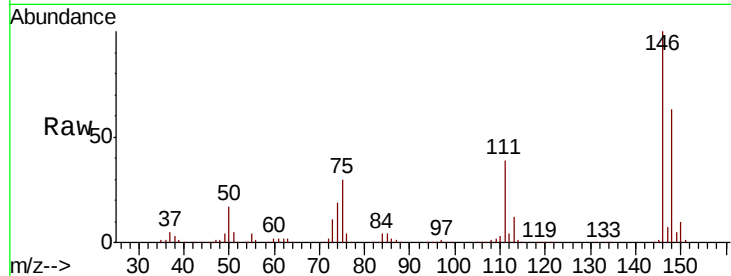




#87
 1,3-Dichlorobenzene
 Concen: 19.349 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

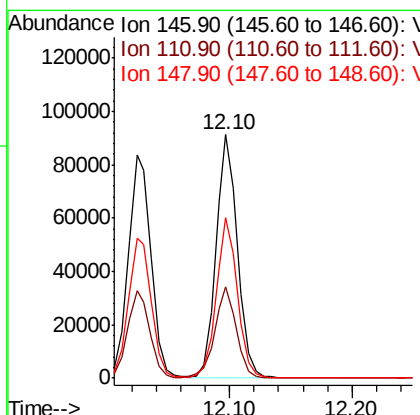
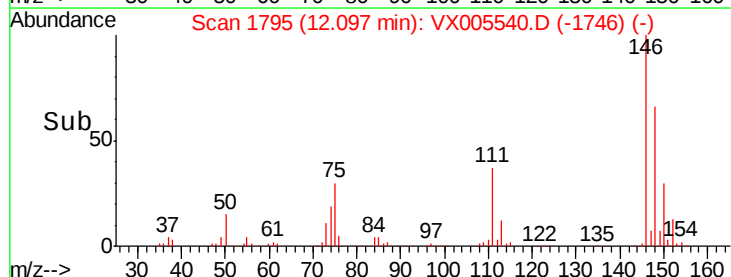
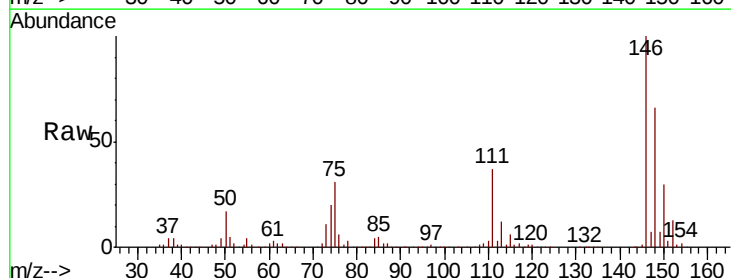
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

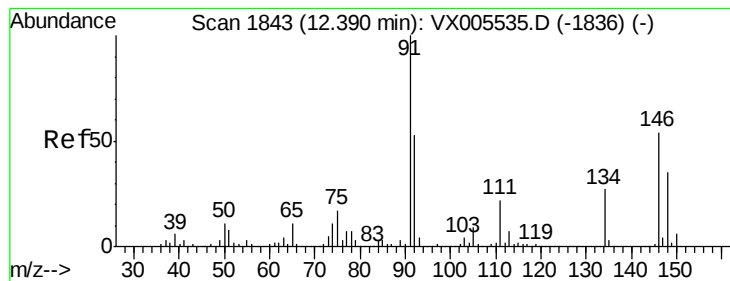
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	63.5	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.922 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.1	54.1
148	65.1	32.0	96.0





#89

n-Butylbenzene

Concen: 19.906 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

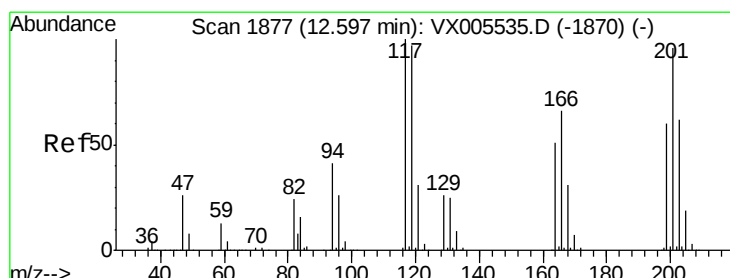
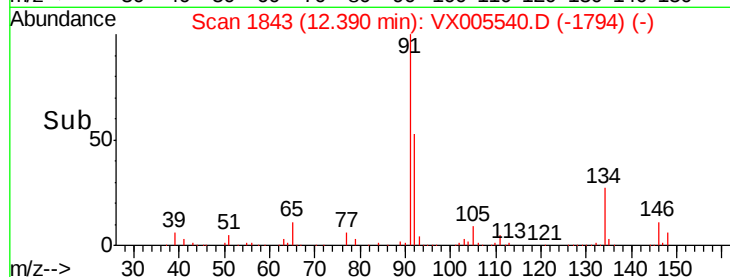
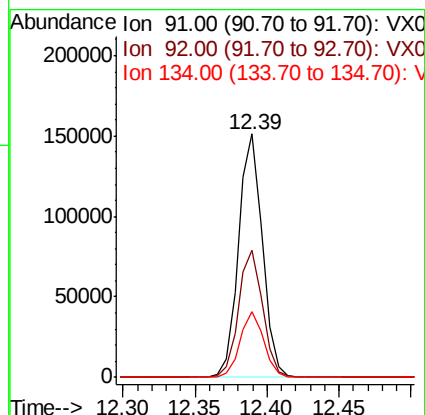
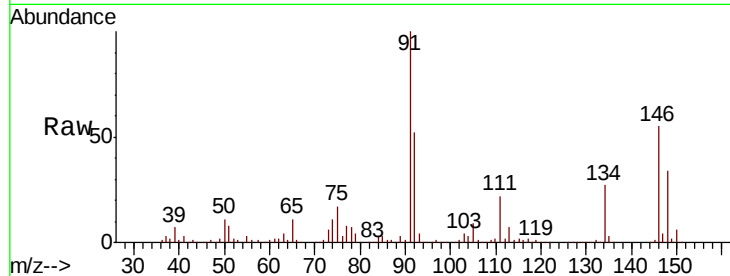
Tot Ion: 91 Resp: 175490

Ion Ratio Lower Upper

91 100

92 52.7 27.3 81.9

134 26.6 13.6 40.7



#90

Hexachloroethane

Concen: 18.700 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005540.D

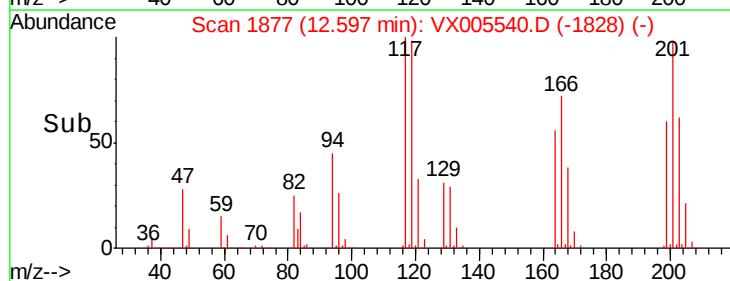
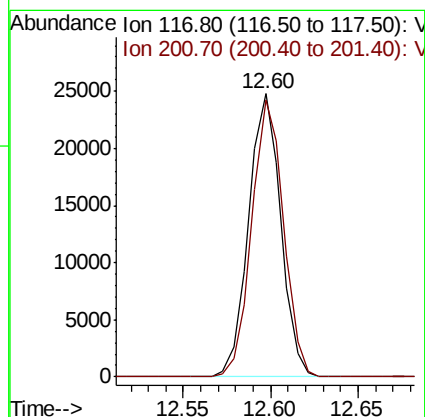
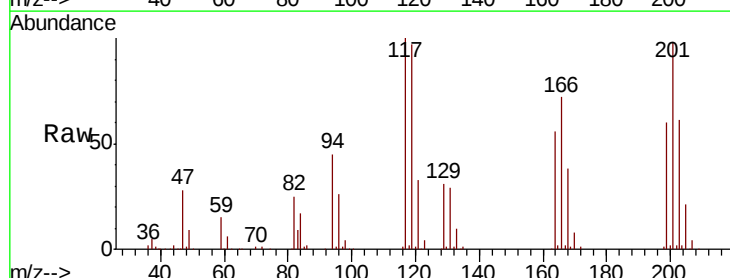
Acq: 24 Oct 2018 14:37

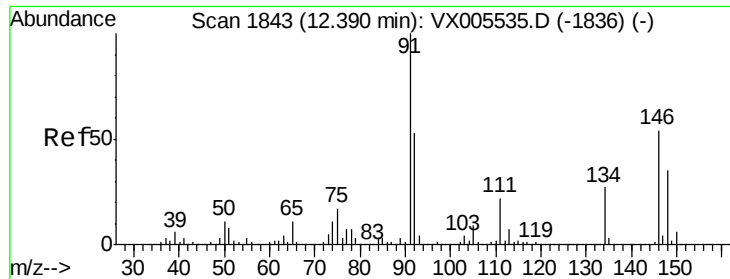
Tgt Ion: 117 Resp: 31495

Ion Ratio Lower Upper

117 100

201 97.2 46.9 140.6

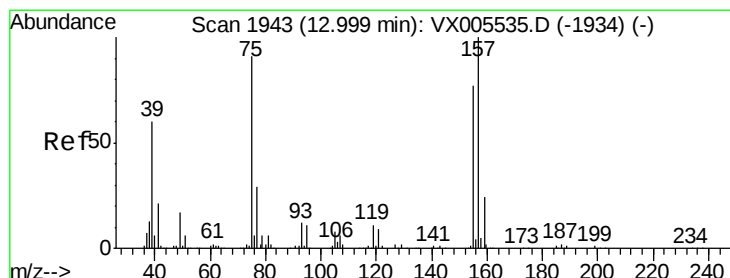
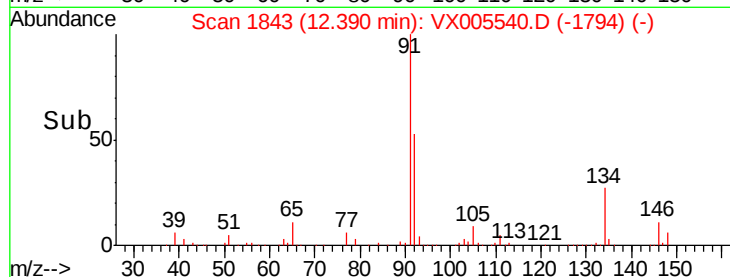
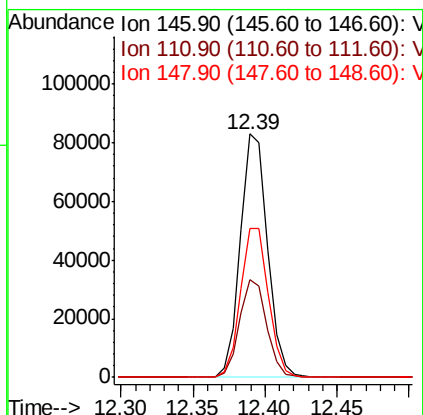
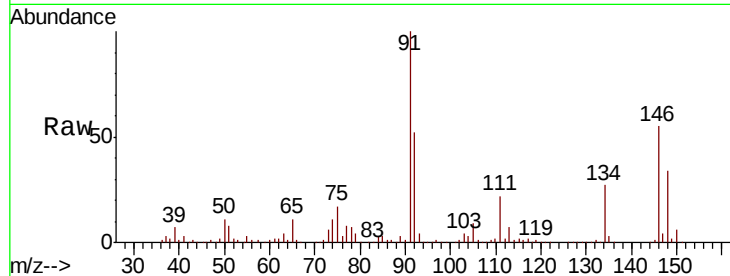




#91
 1,2-Dichlorobenzene
 Concen: 19.137 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

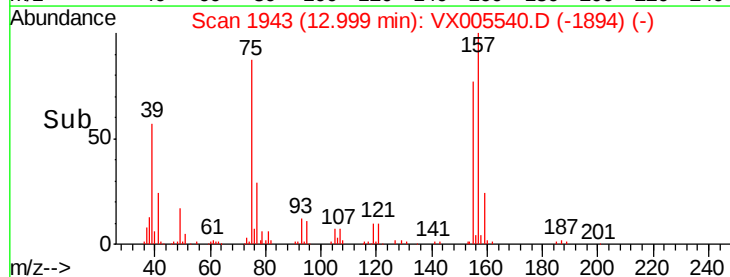
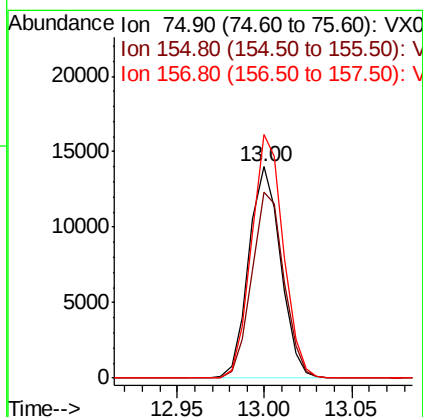
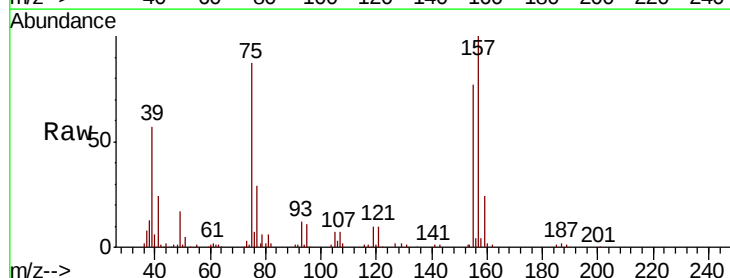
Instrument :
 MSVOA_X
 ClientSampled :
 VX1024WBS01

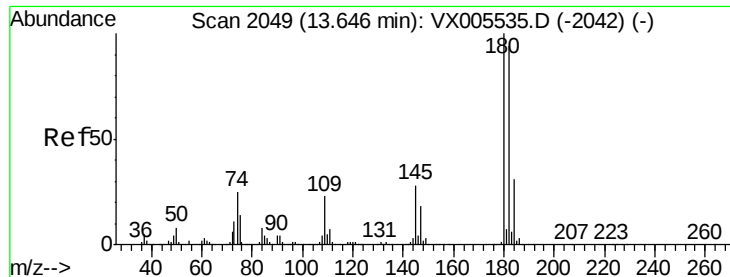
Tot Ion:146 Resp: 108933
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.4 58.1
 148 63.0 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.578 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Tgt Ion: 75 Resp: 17792
 Ion Ratio Lower Upper
 75 100
 155 88.9 48.0 144.2
 157 114.6 61.4 184.1

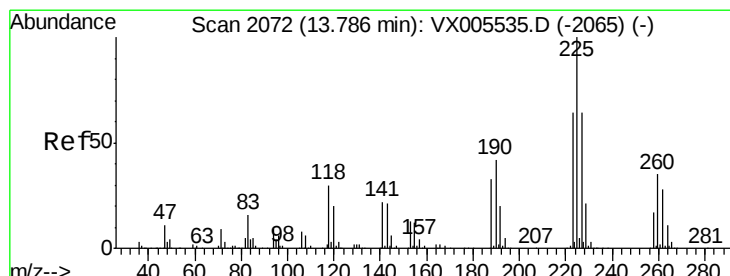
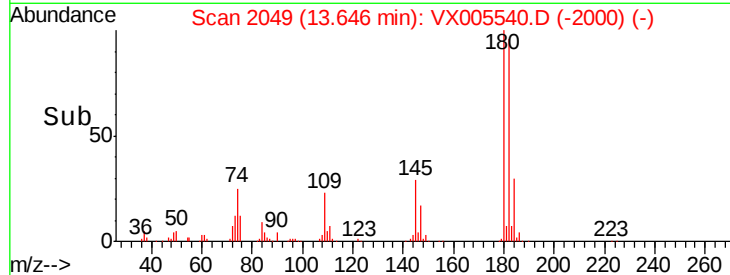
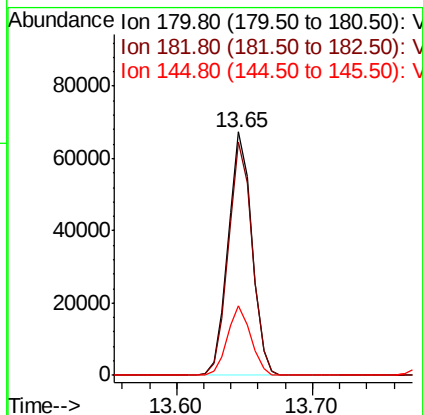
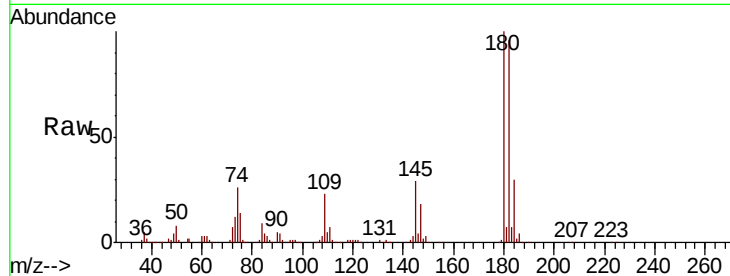




#93
 1,2,4-Trichlorobenzene
 Concen: 19.775 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

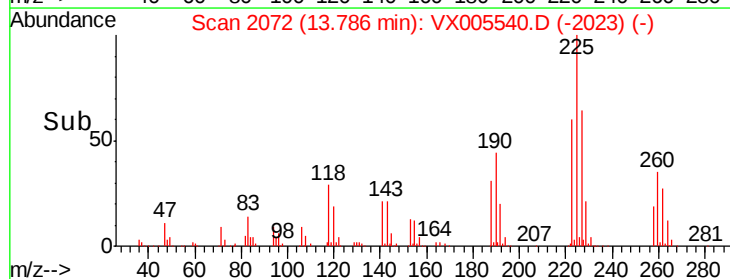
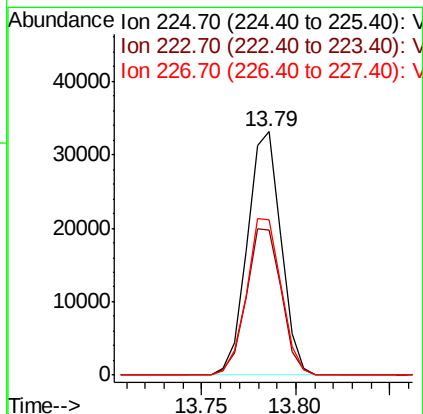
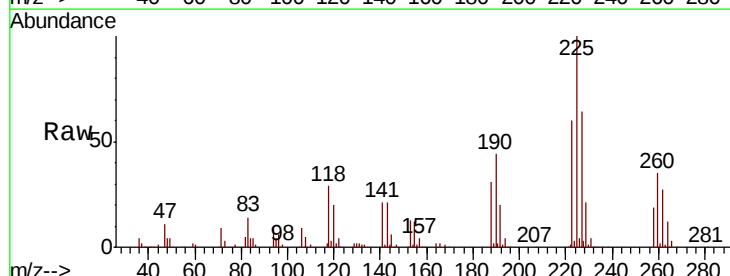
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

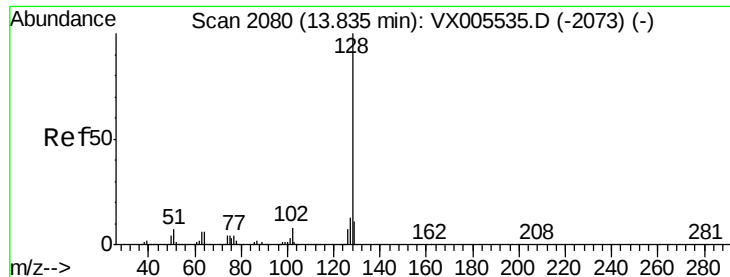
Tot Ion:180 Resp: 81598
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.4 145.0
 145 28.1 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 19.232 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Tgt Ion:225 Resp: 41126
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.1 90.5
 227 66.1 30.8 92.4





#95

Naphthalene

Concen: 19.977 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

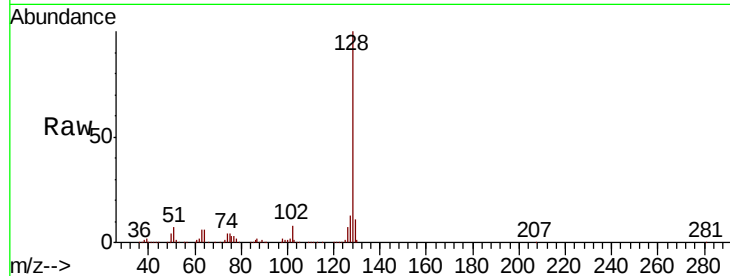
Tot Ion:128 Resp: 239611

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

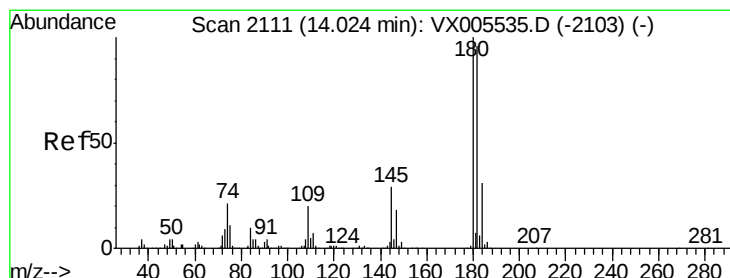
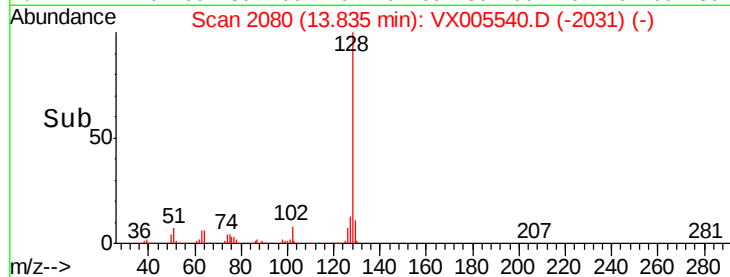
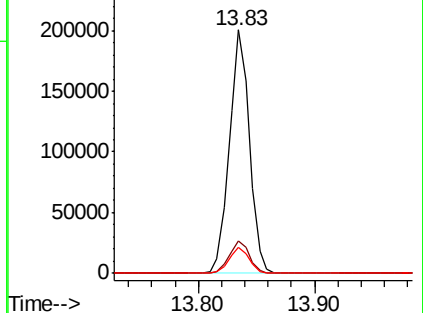
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.896 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

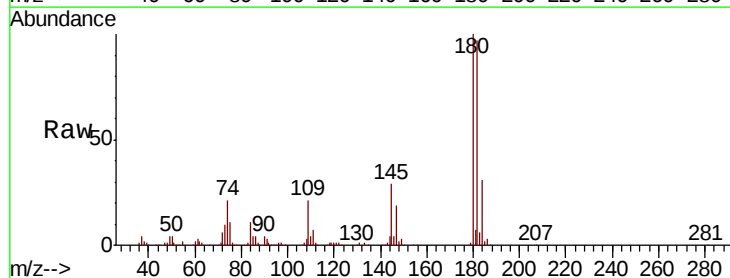
Tgt Ion:180 Resp: 83221

Ion Ratio Lower Upper

180 100

182 95.2 48.5 145.6

145 30.4 14.9 44.9



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

