

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102518\
 Data File : VX005583.D
 Acq On : 25 Oct 2018 12:30
 Operator : JC/MD
 Sample : VX1025WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Quant Time: Oct 26 05:20:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	217308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306794	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161703	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	130998	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
35) Dibromofluoromethane	5.50	113	101724	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
50) Toluene-d8	8.71	98	394024	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	
62) 4-Bromofluorobenzene	11.14	95	145649	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	55249	25.758	ug/l	100
3) Chloromethane	1.32	50	60501	22.149	ug/l	99
4) Vinyl Chloride	1.40	62	58406	21.745	ug/l	100
5) Bromomethane	1.64	94	35314	21.130	ug/l	100
6) Chloroethane	1.72	64	34113	19.881	ug/l	99
7) Trichlorofluoromethane	1.93	101	79426	21.282	ug/l	97
8) Diethyl Ether	2.19	74	29624	19.890	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45095	21.059	ug/l	100
10) Methyl Iodide	2.51	142	41478	20.262	ug/l	100
11) Tert butyl alcohol	3.06	59	73324	102.720	ug/l	99
12) 1,1-Dichloroethene	2.37	96	40845	20.023	ug/l	96
13) Acrolein	2.29	56	28919	79.420	ug/l	99
14) Allyl chloride	2.73	41	91155	20.023	ug/l	99
15) Acrylonitrile	3.15	53	157877	98.632	ug/l	99
16) Acetone	2.44	43	154935	110.533	ug/l	99
17) Carbon Disulfide	2.57	76	127086	20.438	ug/l	99
18) Methyl Acetate	2.78	43	74255	20.584	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	145450	19.989	ug/l	99
20) Methylene Chloride	2.85	84	48188	20.526	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	44700	20.070	ug/l	99
22) Diisopropyl ether	3.87	45	162789	20.476	ug/l	96
23) Vinyl Acetate	3.82	43	742087	105.986	ug/l	99
24) 1,1-Dichloroethane	3.70	63	87426	20.227	ug/l	99
25) 2-Butanone	4.70	43	215179	100.810	ug/l	100
26) 2,2-Dichloropropane	4.58	77	65329	19.577	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45599	18.991	ug/l	97
28) Bromochloromethane	5.01	49	42332	20.249	ug/l	100
29) Tetrahydrofuran	5.15	42	135308	97.408	ug/l	99
30) Chloroform	5.21	83	79892	19.760	ug/l	97
31) Cyclohexane	5.57	56	71957	20.121	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	69873	19.581	ug/l	99
36) 1,1-Dichloropropene	5.80	75	59785	20.080	ug/l	98
37) Ethyl Acetate	4.85	43	75830	19.959	ug/l	99
38) Carbon Tetrachloride	5.78	117	62053	19.789	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX1025WBS01

Quant Time: Oct 26 05:20:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69695	21.199	ug/l	95
40) Benzene	6.14	78	176176	20.642	ug/l	96
41) Methacrylonitrile	5.06	41	41668	19.689	ug/l	99
42) 1,2-Dichloroethane	6.20	62	66112	20.391	ug/l	100
43) Isopropyl Acetate	6.46	43	108962	19.139	ug/l	98
44) Trichloroethene	7.21	130	48544	20.878	ug/l	100
45) 1,2-Dichloropropane	7.51	63	47716	20.795	ug/l	97
46) Dibromomethane	7.66	93	30136	20.335	ug/l	100
47) Bromodichloromethane	7.90	83	59670	20.745	ug/l	99
48) Methyl methacrylate	7.77	41	58119	20.955	ug/l	99
49) 1,4-Dioxane	7.75	88	25504	420.779	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	399126	104.313	ug/l	99
52) Toluene	8.78	92	110240	21.253	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	64055	20.605	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	70839	21.166	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	45263	20.698	ug/l	99
56) Ethyl methacrylate	9.18	69	66793	20.477	ug/l	99
57) 1,3-Dichloropropane	9.37	76	76579	20.696	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	195988	107.579	ug/l	100
59) 2-Hexanone	9.49	43	320693	106.302	ug/l	99
60) Dibromochloromethane	9.59	129	47002	20.600	ug/l	100
61) 1,2-Dibromoethane	9.67	107	48803	21.571	ug/l	97
64) Tetrachloroethene	9.34	164	50417	21.082	ug/l	99
65) Chlorobenzene	10.14	112	124299	20.262	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	45342	20.270	ug/l	100
67) Ethyl Benzene	10.25	91	206929	20.502	ug/l	99
68) m/p-Xylenes	10.36	106	163308	41.704	ug/l	99
69) o-Xylene	10.70	106	76268	20.702	ug/l	98
70) Styrene	10.71	104	129739	21.037	ug/l	100
71) Bromoform	10.86	173	37561	18.818	ug/l	99
73) Isopropylbenzene	11.02	105	212474	21.495	ug/l	99
74) N-amyl acetate	10.90	43	98483	20.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	72046	19.756	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	85084	24.834	ug/l	86
77) Bromobenzene	11.26	156	58054	21.074	ug/l	97
78) n-propylbenzene	11.36	91	248617	21.996	ug/l	99
79) 2-Chlorotoluene	11.42	91	149505	21.333	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	181761	21.495	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	20905	19.937	ug/l	96
82) 4-Chlorotoluene	11.51	91	175696	21.261	ug/l	100
83) tert-Butylbenzene	11.77	119	174444	20.696	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	189223	22.080	ug/l	99
85) sec-Butylbenzene	11.94	105	216257	21.502	ug/l	100
86) p-Isopropyltoluene	12.07	119	196786	21.887	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	105783	20.421	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	106869	19.764	ug/l	97
89) n-Butylbenzene	12.39	91	172081	21.201	ug/l	100
90) Hexachloroethane	12.60	117	30710	19.804	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	104480	19.935	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17386	19.718	ug/l	99

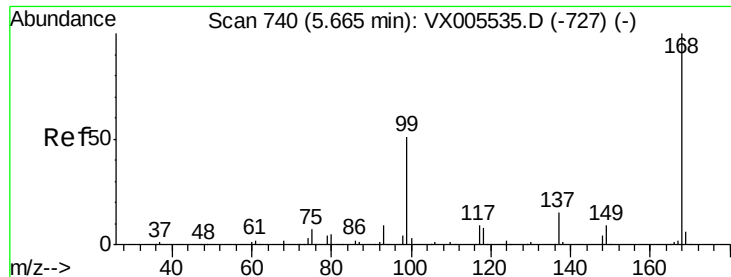
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102518\
Data File : VX005583.D
Acq On : 25 Oct 2018 12:30
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Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Oct 26 05:20:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	78775	20.735	ug/l	100
94) Hexachlorobutadiene	13.79	225	40715	20.680	ug/l	99
95) Naphthalene	13.83	128	232034	21.011	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	80317	20.855	ug/l	99

(#) = 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: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

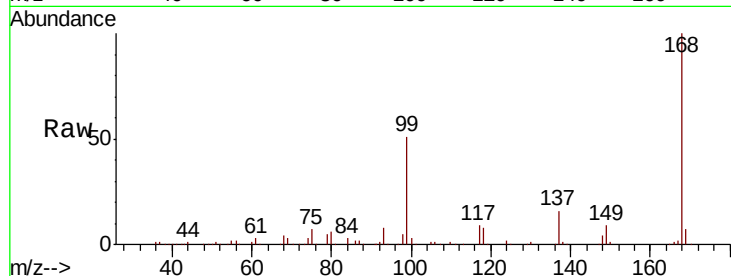
VX1025WBS01

Tot Ion:168 Resp: 217308

Ion Ratio Lower Upper

168 100

99 50.5 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

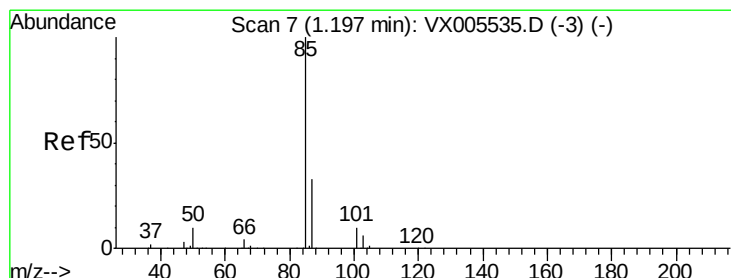
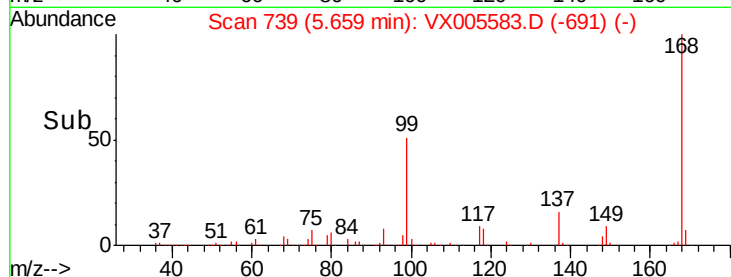
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 25.758 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005583.D

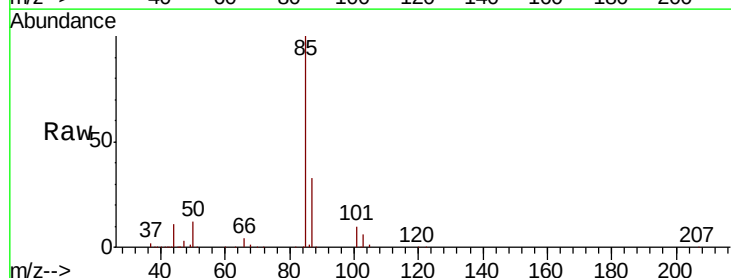
Acq: 25 Oct 2018 12:30

Tgt Ion: 85 Resp: 55249

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

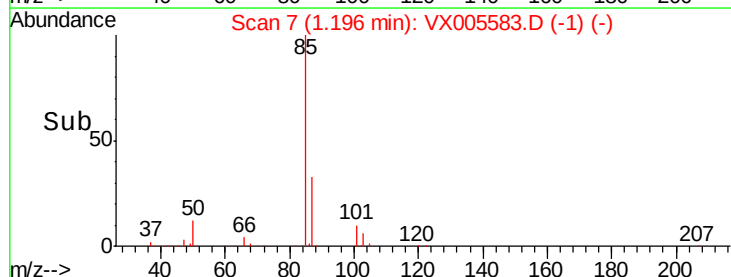
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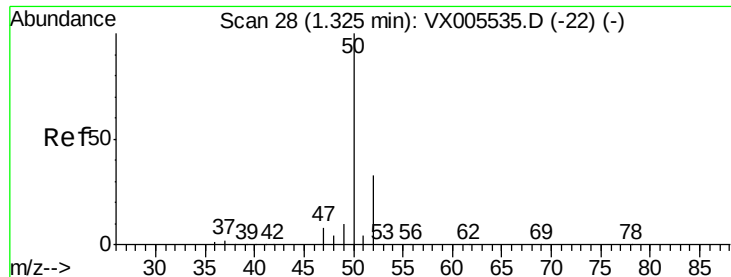
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 22.149 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

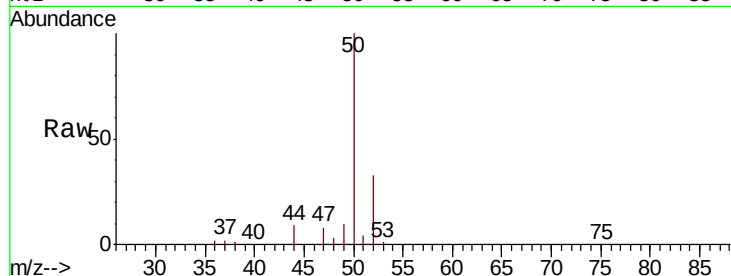
VX1025WBS01

Tot Ion: 50 Resp: 60501

Ion Ratio Lower Upper

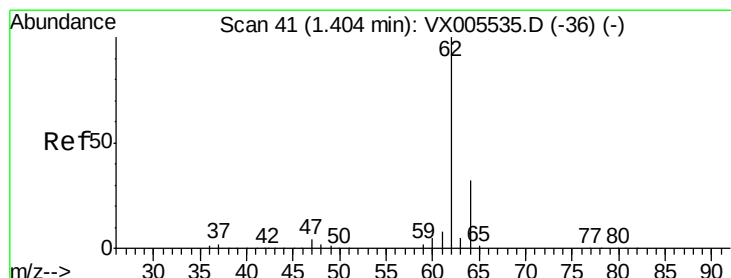
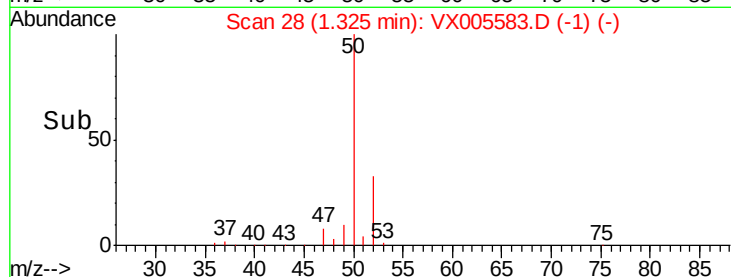
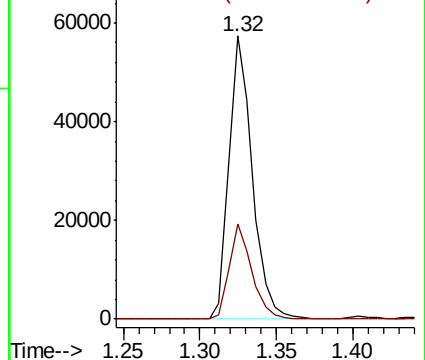
50 100

52 33.5 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: 21.745 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005583.D

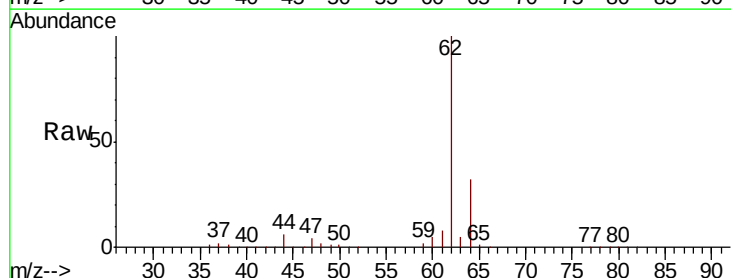
Acq: 25 Oct 2018 12:30

Tgt Ion: 62 Resp: 58406

Ion Ratio Lower Upper

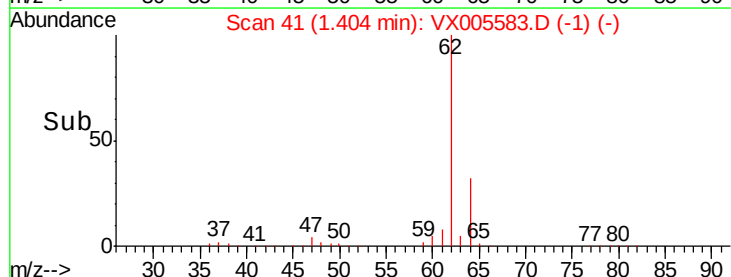
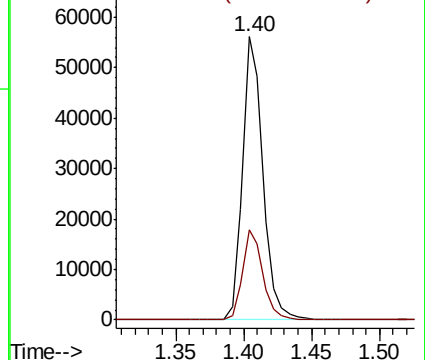
62 100

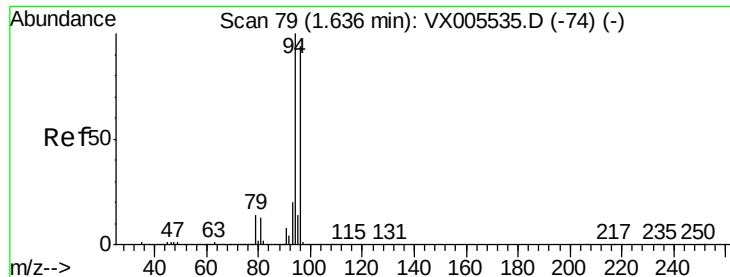
64 31.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.130 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

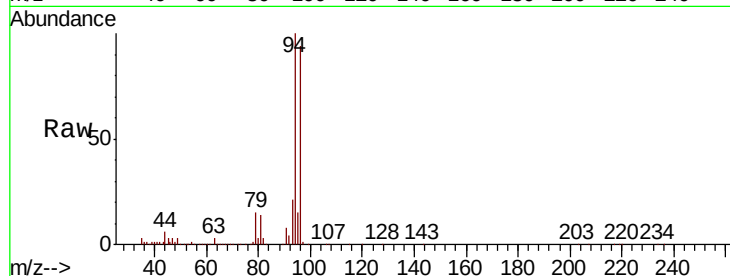
VX1025WBS01

Tot Ion: 94 Resp: 35314

Ion Ratio Lower Upper

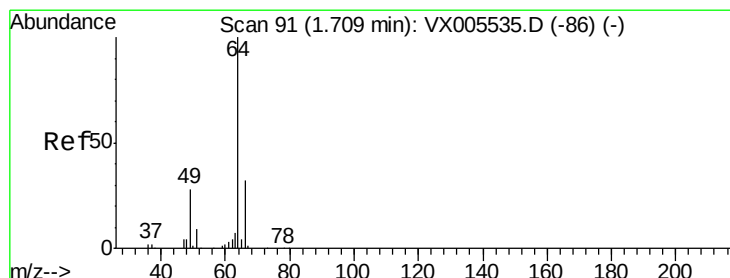
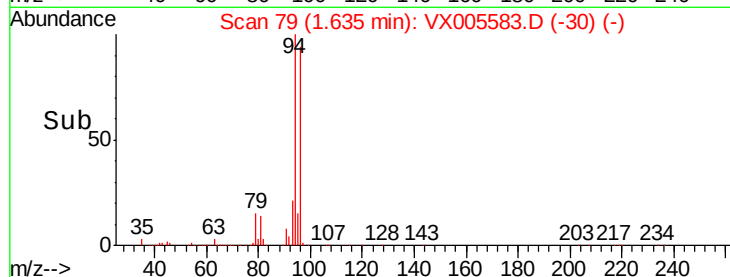
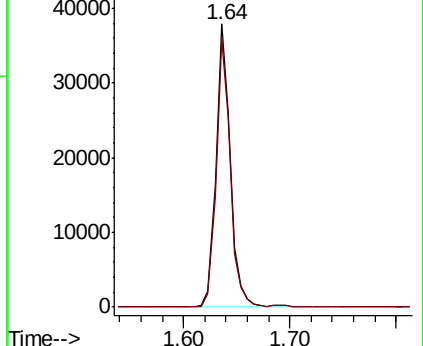
94 100

96 94.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.881 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005583.D

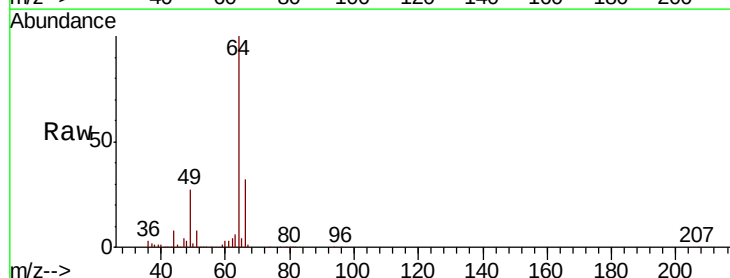
Acq: 25 Oct 2018 12:30

Tgt Ion: 64 Resp: 34113

Ion Ratio Lower Upper

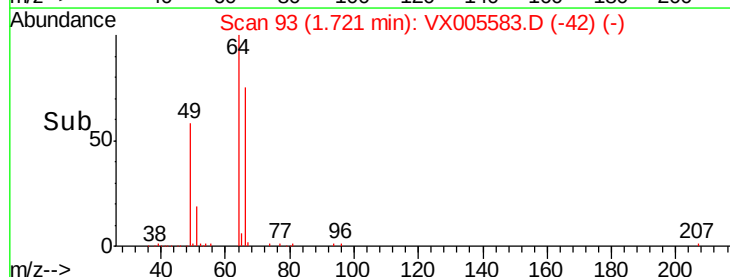
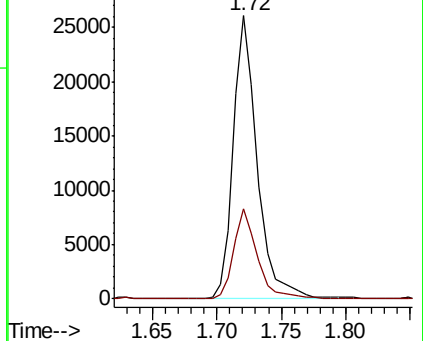
64 100

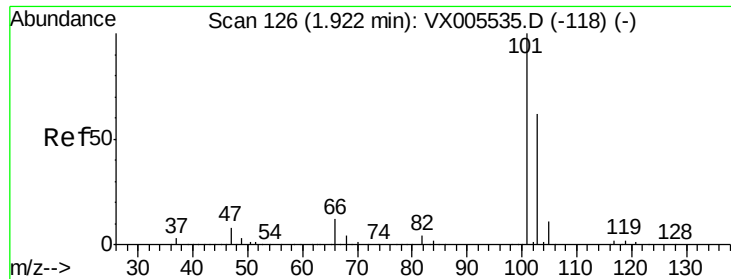
66 31.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



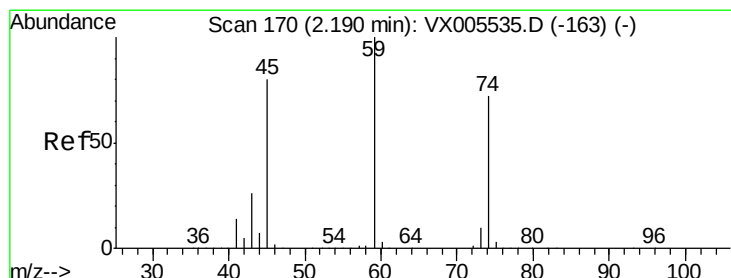
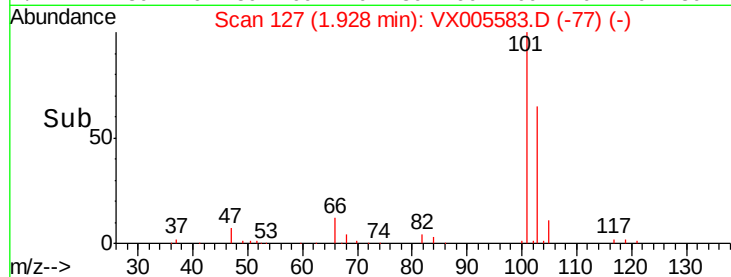
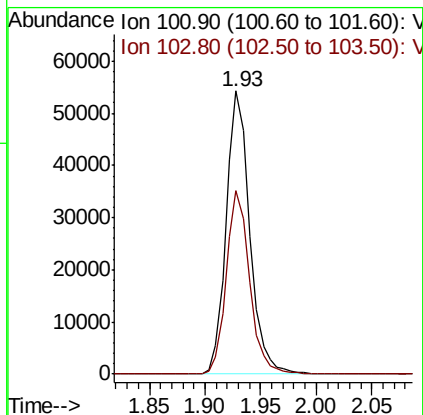
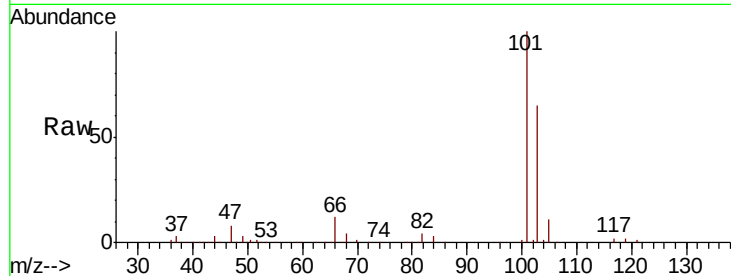


#7

Trichlorofluoromethane
Concen: 21.282 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

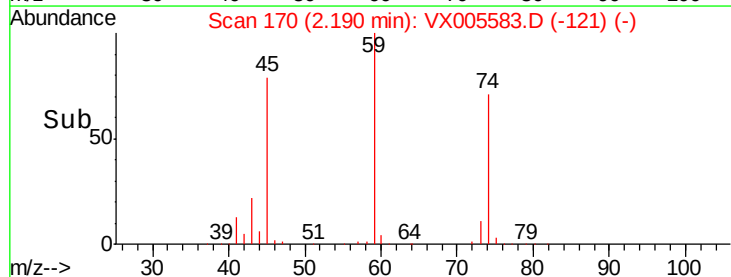
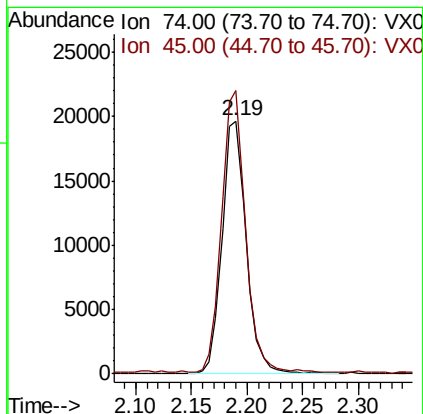
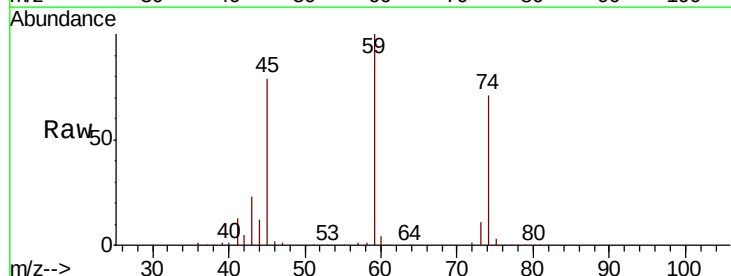
Tot Ion:101 Resp: 79426
Ion Ratio Lower Upper
101 100
103 64.7 50.0 75.0

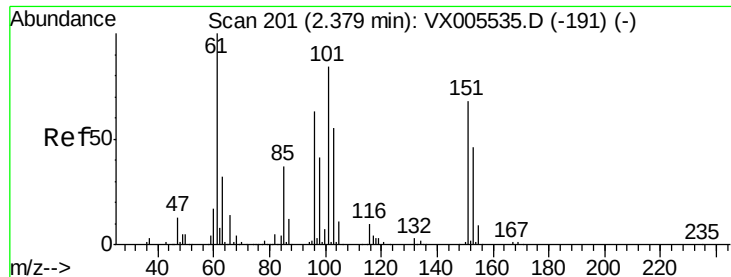


#8

Diethyl Ether
Concen: 19.890 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion: 74 Resp: 29624
Ion Ratio Lower Upper
74 100
45 110.1 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.059 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

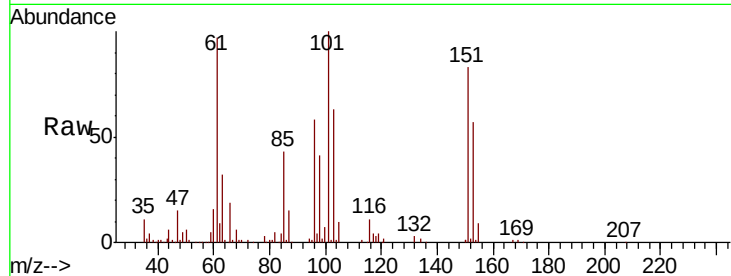
Tot Ion:101 Resp: 45095

Ion Ratio Lower Upper

101 100

85 43.8 35.0 52.4

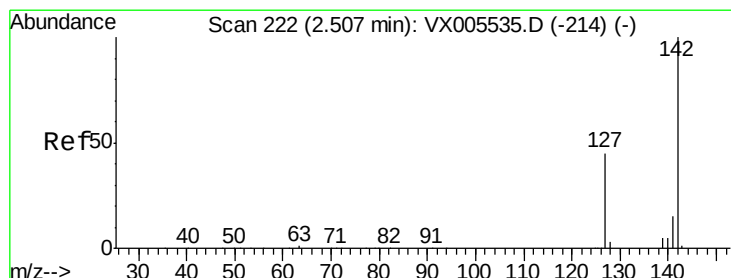
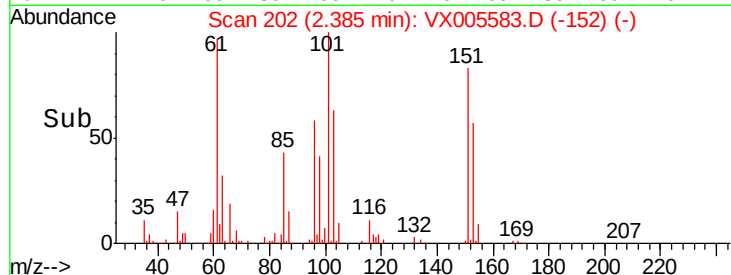
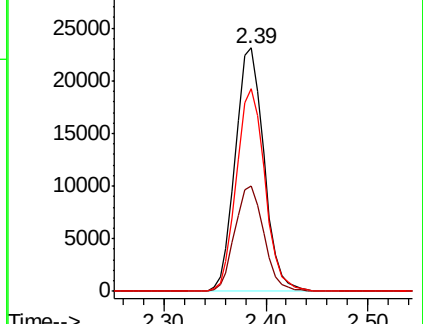
151 83.0 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.262 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

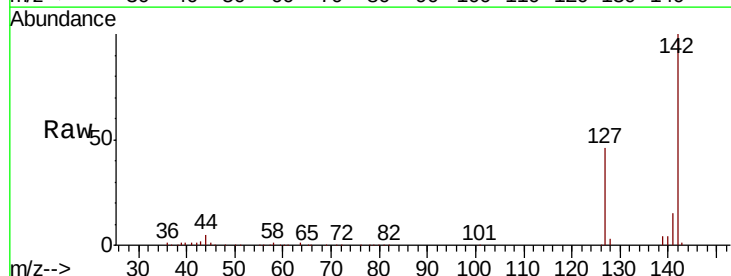
Tgt Ion:142 Resp: 41478

Ion Ratio Lower Upper

142 100

127 45.3 36.0 54.0

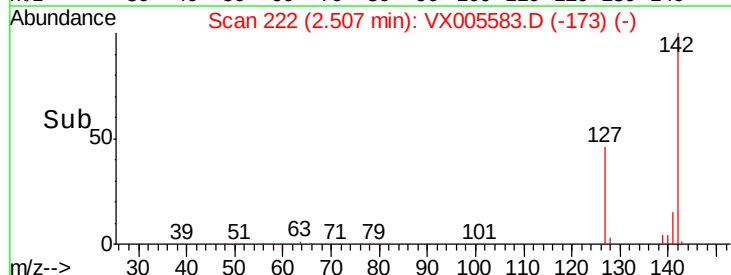
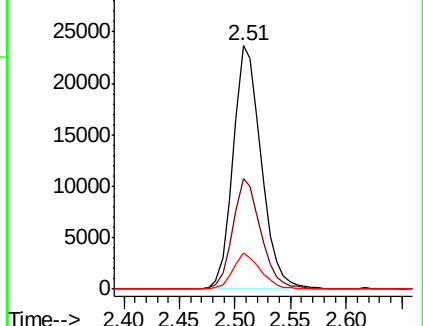
141 14.5 11.7 17.5

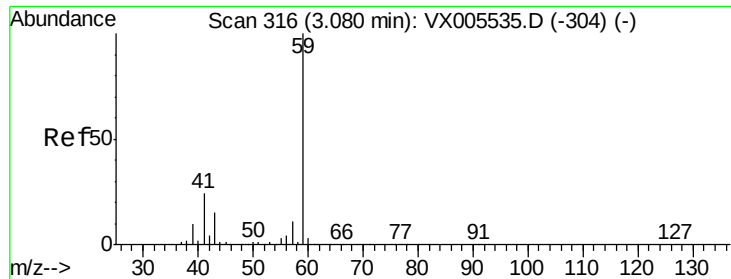


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



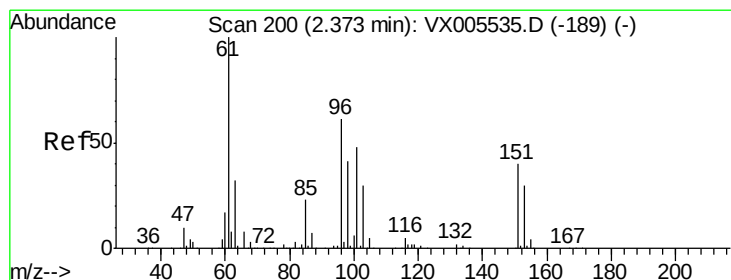
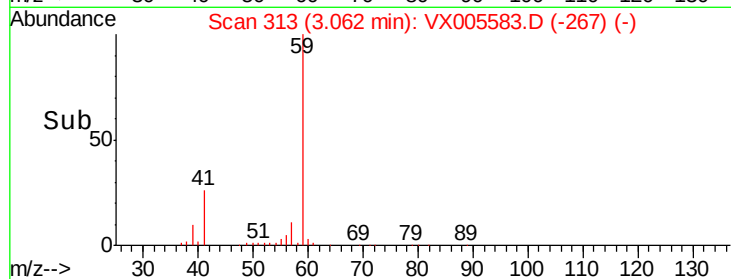
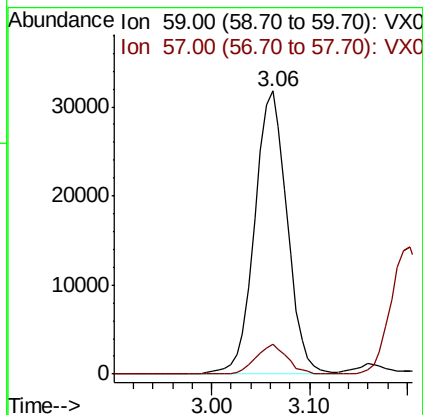
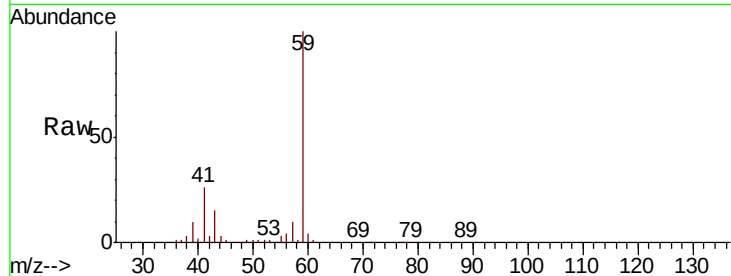


#11

Tert butyl alcohol
 Concen: 102.720 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

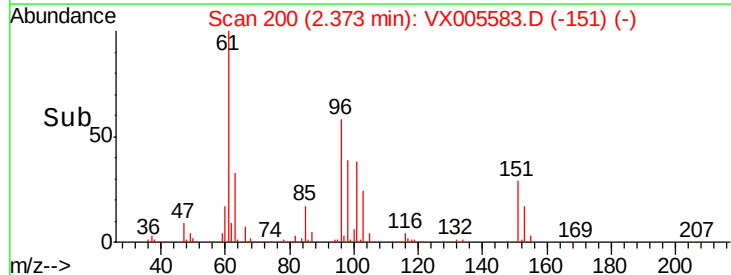
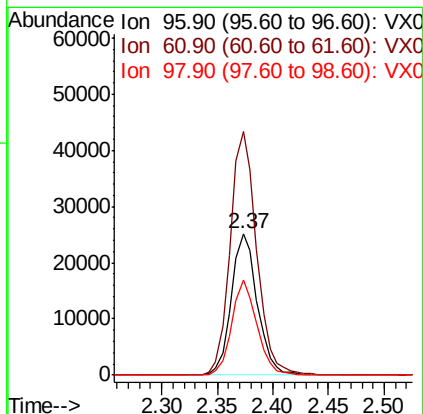
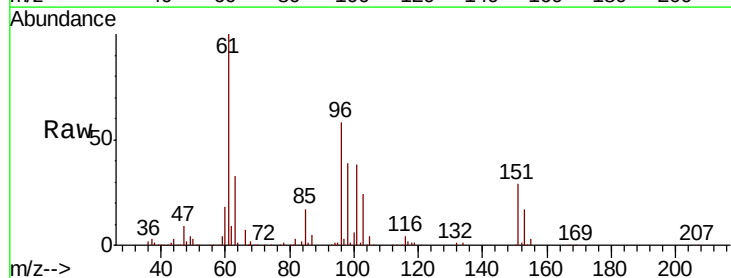
Tot Ion: 59 Resp: 73324
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

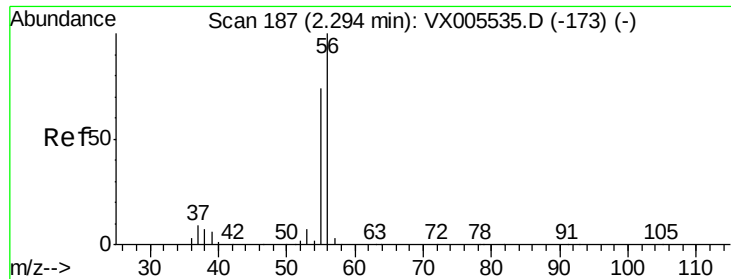


#12

1,1-Dichloroethene
 Concen: 20.023 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Tgt Ion: 96 Resp: 40845
 Ion Ratio Lower Upper
 96 100
 61 171.7 131.8 197.8
 98 66.8 53.4 80.2

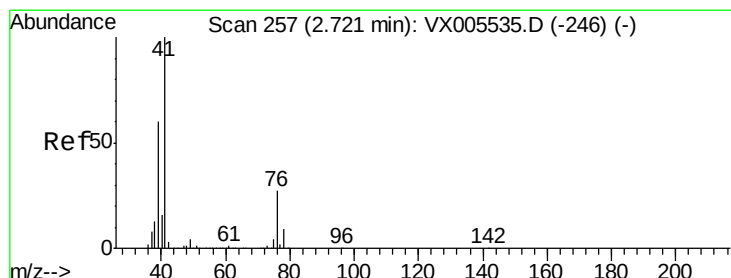
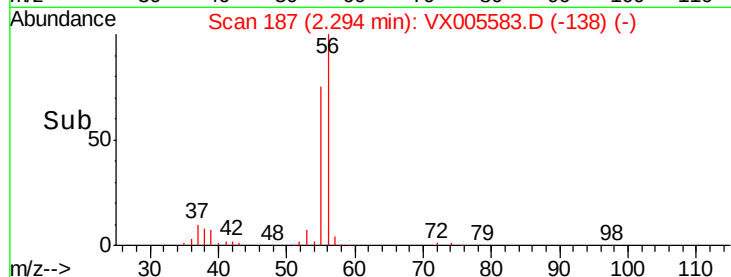
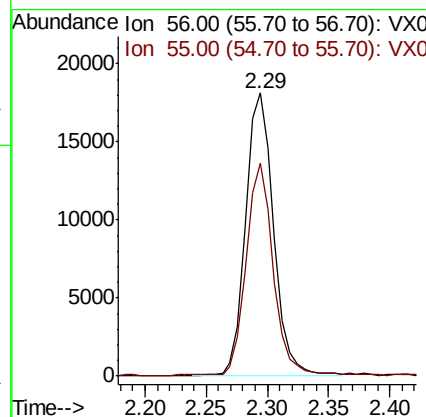
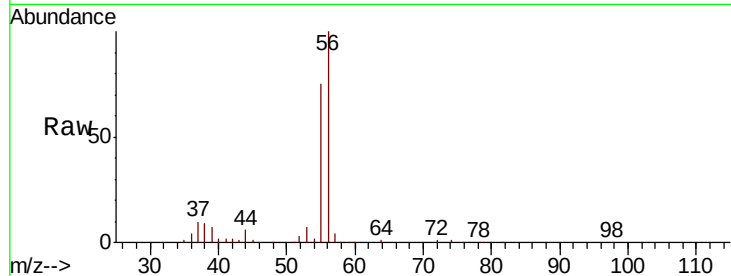




#13
Acrolein
Concen: 79.420 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

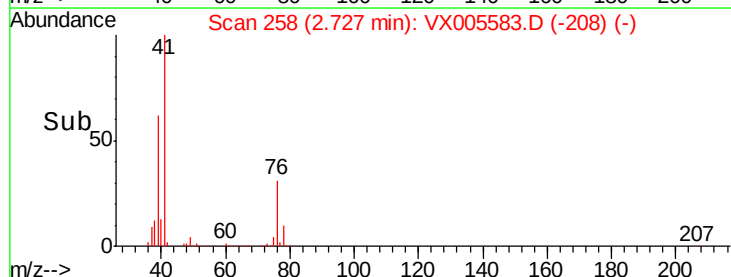
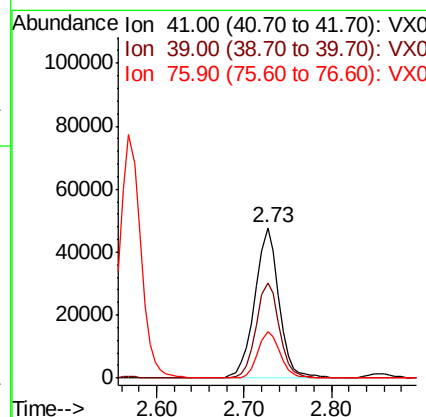
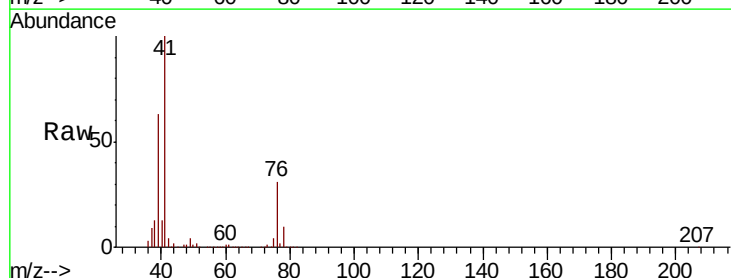
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

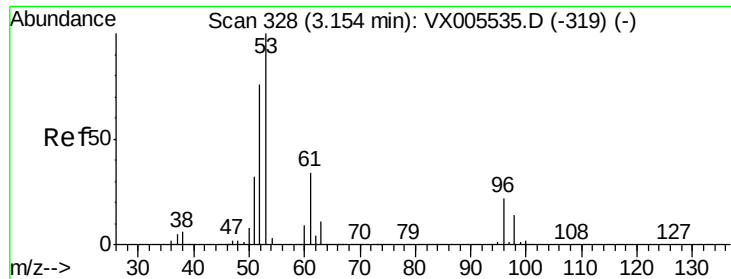
Tot Ion: 56 Resp: 28919
Ion Ratio Lower Upper
56 100
55 71.1 57.3 85.9



#14
Allyl chloride
Concen: 20.023 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion: 41 Resp: 91155
Ion Ratio Lower Upper
41 100
39 60.6 48.2 72.4
76 28.8 21.9 32.9





#15

Acrylonitrile

Concen: 98.632 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampled :

VX1025WBS01

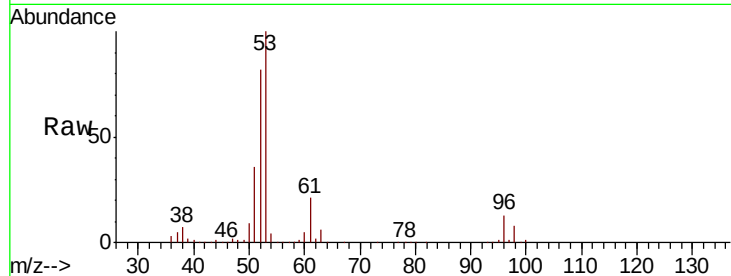
Tot Ion: 53 Resp: 157877

Ion Ratio Lower Upper

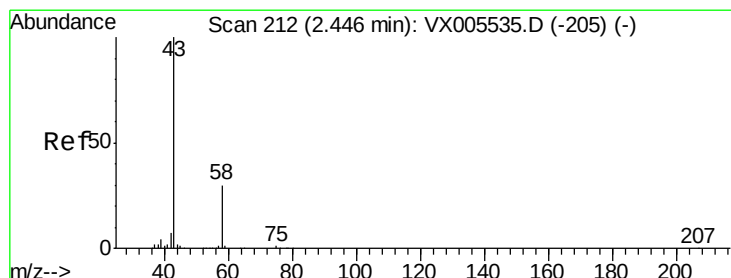
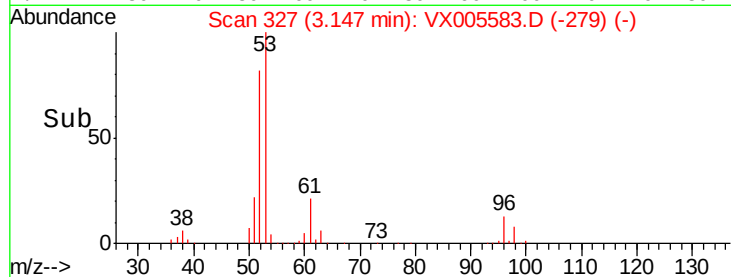
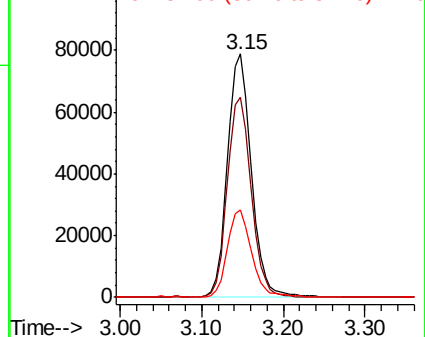
53 100

52 82.9 66.6 99.8

51 36.4 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 110.533 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005583.D

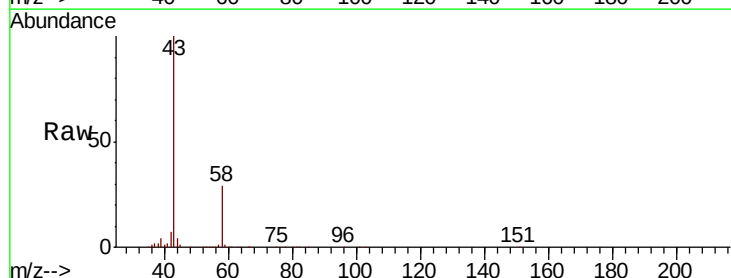
Acq: 25 Oct 2018 12:30

Tgt Ion: 43 Resp: 154935

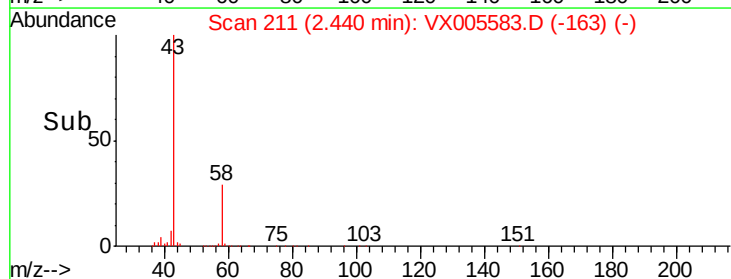
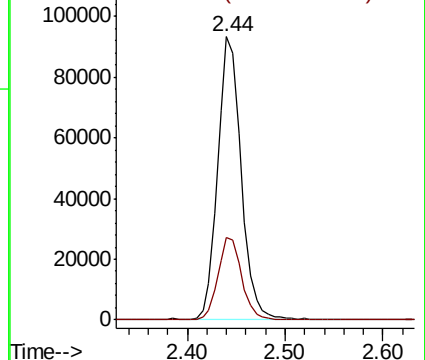
Ion Ratio Lower Upper

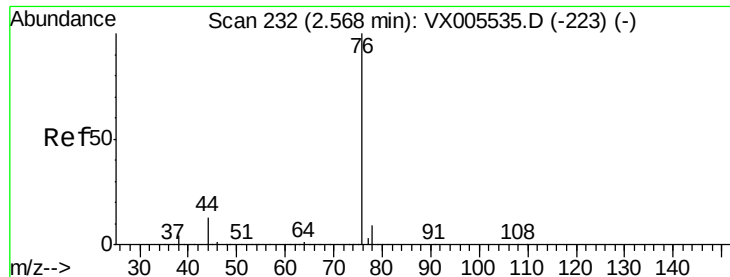
43 100

58 29.1 23.8 35.6



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

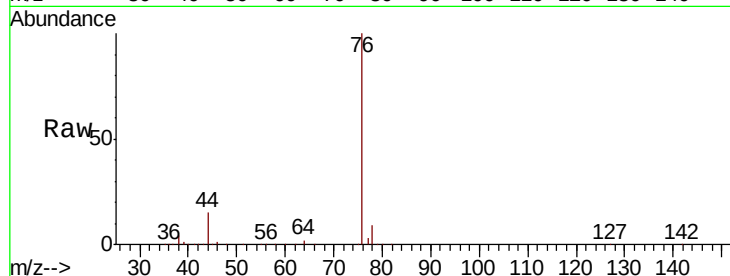




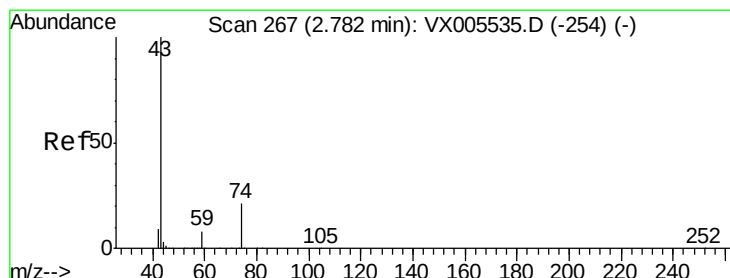
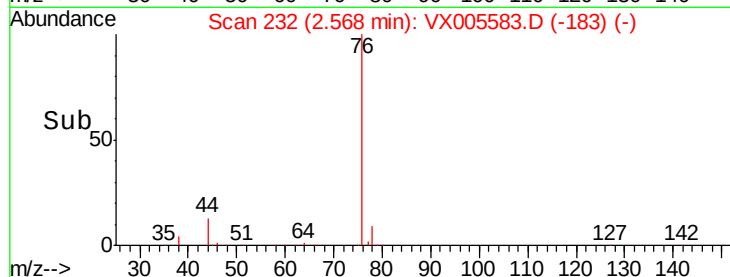
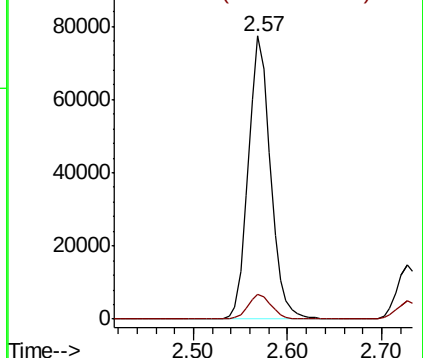
#17
Carbon Disulfide
Concen: 20.438 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion: 76 Resp: 127086
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

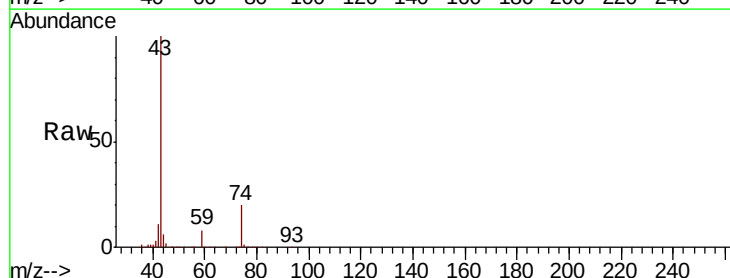


Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0

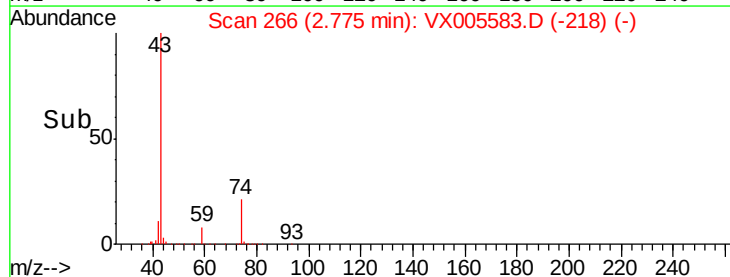
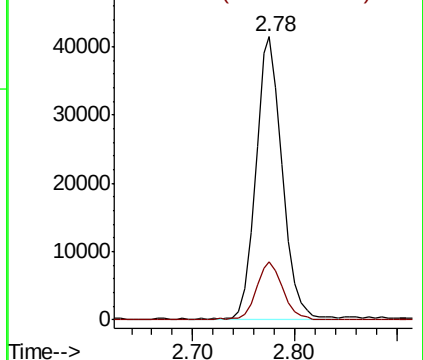


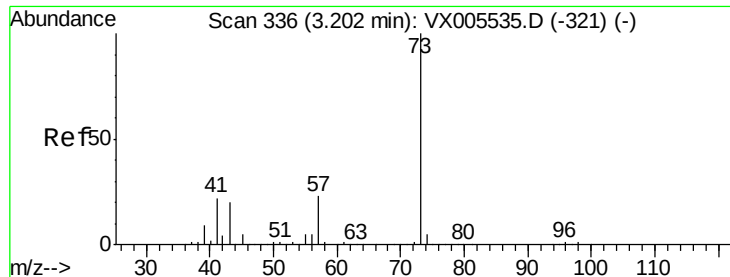
#18
Methyl Acetate
Concen: 20.584 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion: 43 Resp: 74255
Ion Ratio Lower Upper
43 100
74 21.0 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0

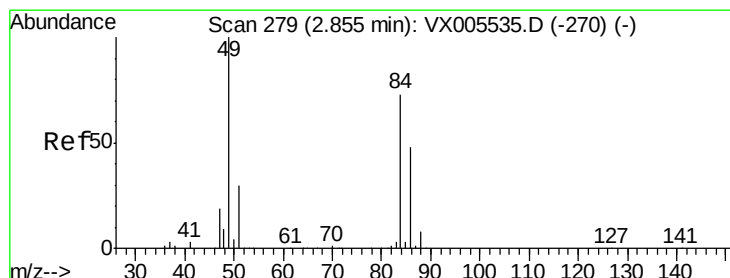
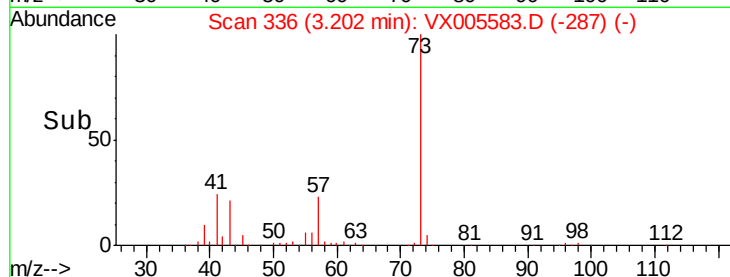
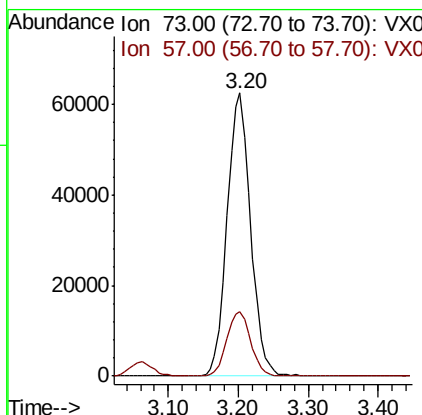
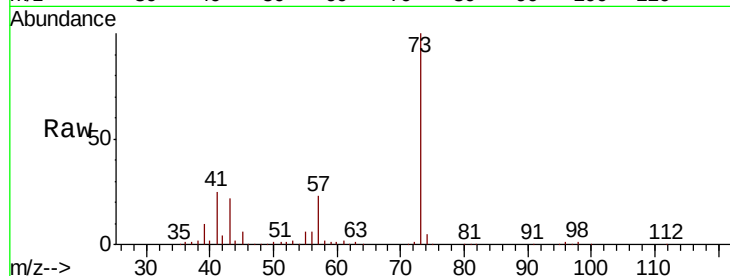




#19
Methvl tert-butyl Ether
Concen: 19.989 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

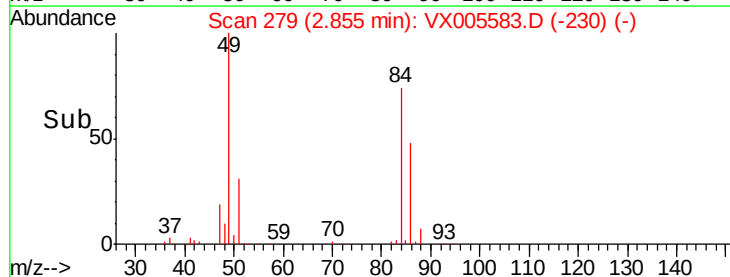
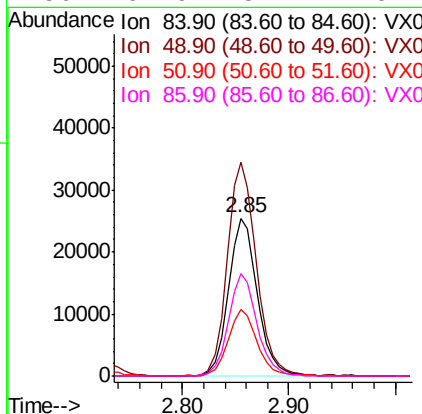
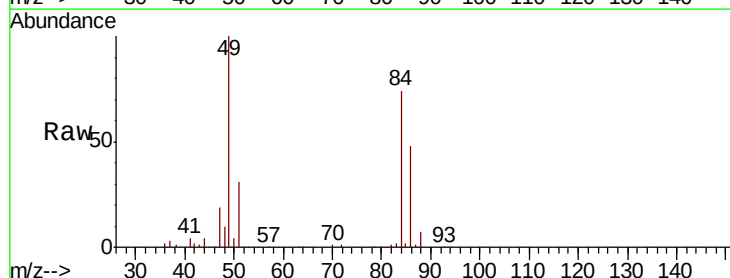
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

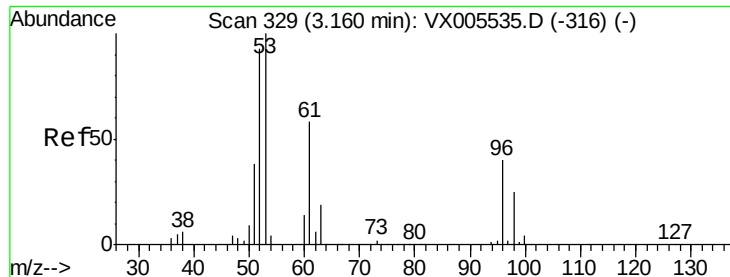
Tot Ion: 73 Resp: 145450
Ion Ratio Lower Upper
73 100
57 22.8 18.8 28.2



#20
Methylene Chloride
Concen: 20.526 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion: 84 Resp: 48188
Ion Ratio Lower Upper
84 100
49 135.4 109.5 164.3
51 42.5 33.3 49.9
86 64.9 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 20.070 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

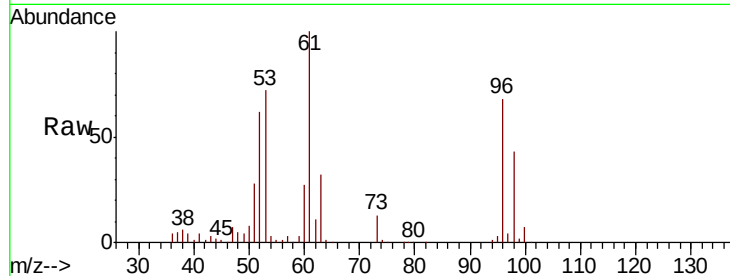
Tot Ion: 96 Resp: 44700

Ion Ratio Lower Upper

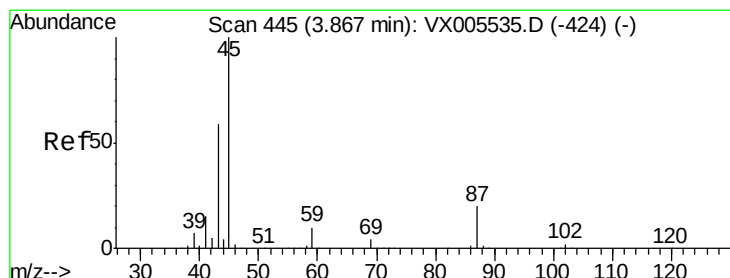
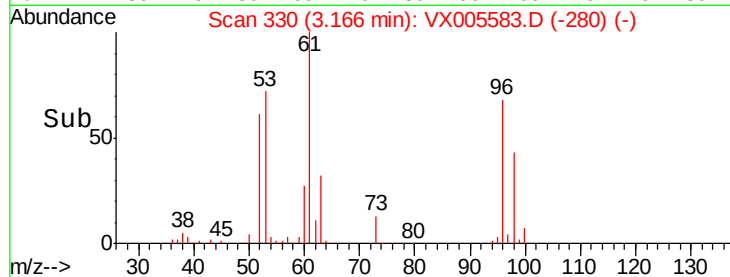
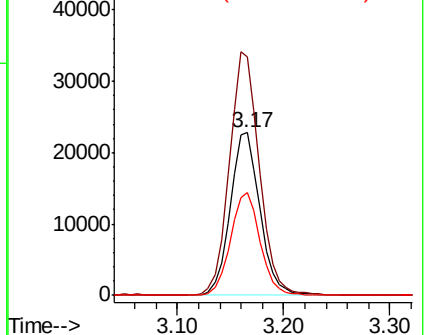
96 100

61 146.2 115.6 173.4

98 63.3 50.2 75.2



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



#22

Diisopropyl ether

Concen: 20.476 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Tgt Ion: 45 Resp: 162789

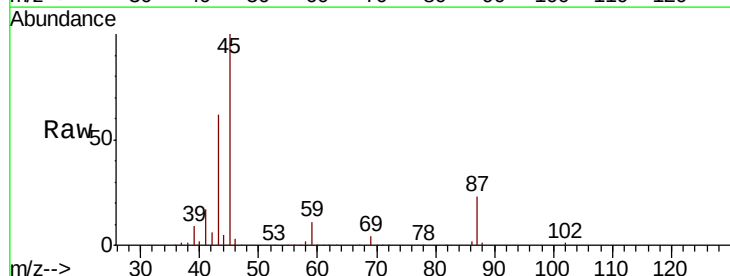
Ion Ratio Lower Upper

45 100

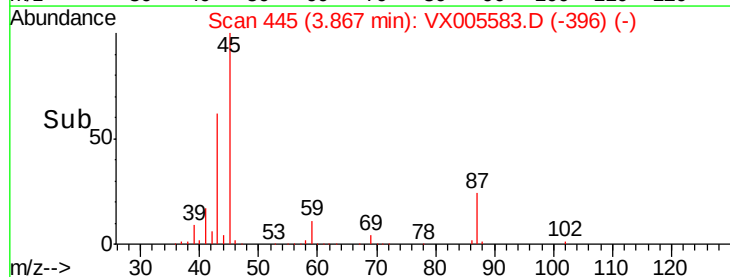
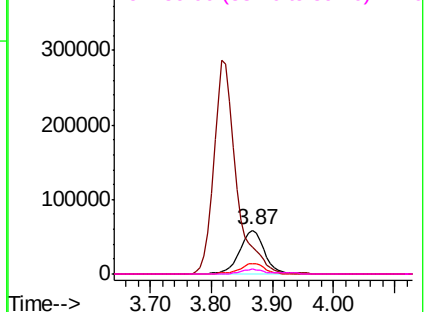
43 61.5 47.4 71.2

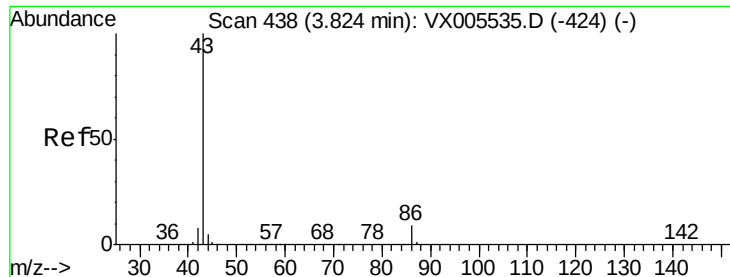
87 23.5 15.9 23.9

59 11.1 7.7 11.5



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 105.986 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

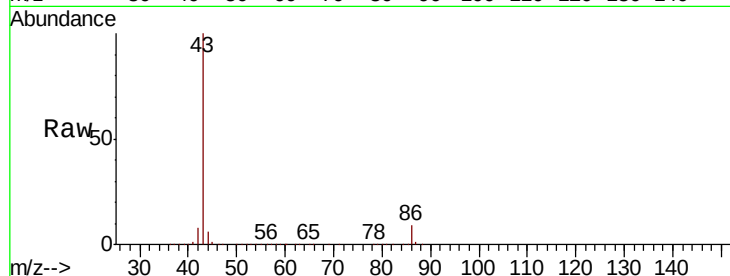
VX1025WBS01

Tot Ion: 43 Resp: 742087

Ion Ratio Lower Upper

43 100

86 9.0 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

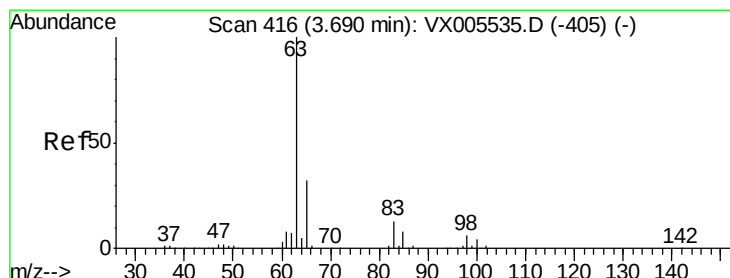
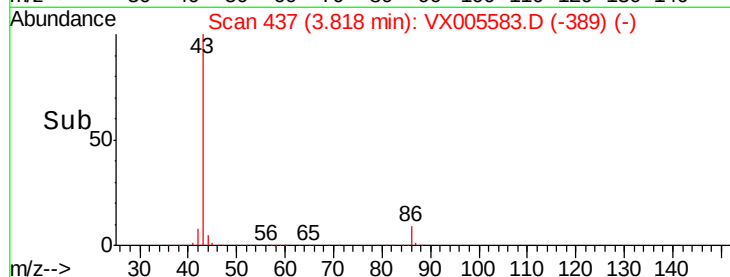
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.227 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

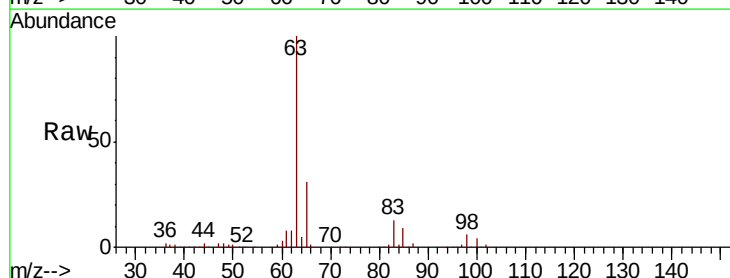
Tgt Ion: 63 Resp: 87426

Ion Ratio Lower Upper

63 100

98 5.8 3.2 9.6

100 3.8 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

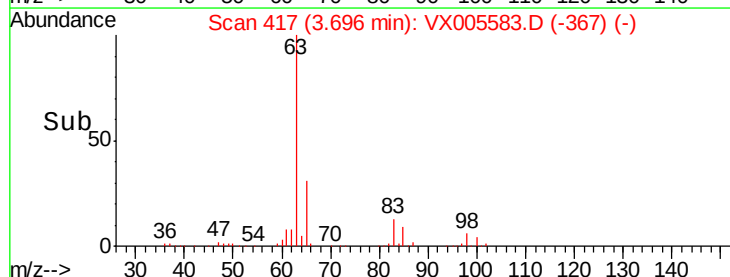
30000

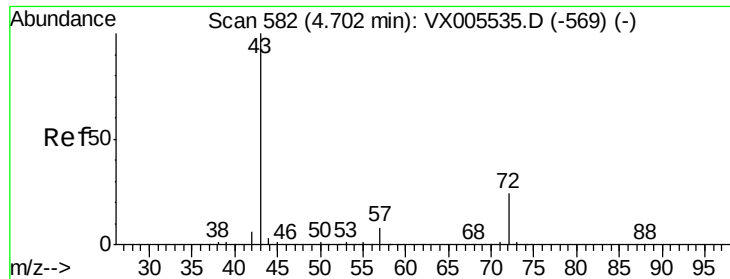
20000

10000

0

Time-->





#25

2-Butanone

Concen: 100.810 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

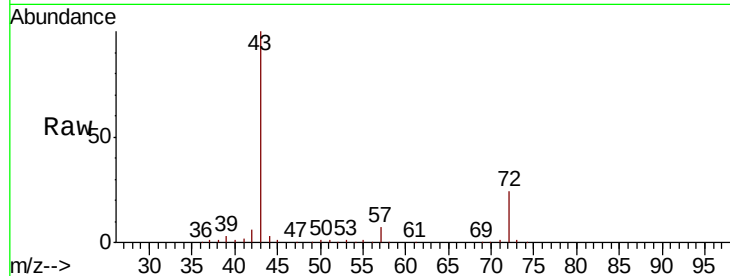
VX1025WBS01

Tot Ion: 43 Resp: 215179

Ion Ratio Lower Upper

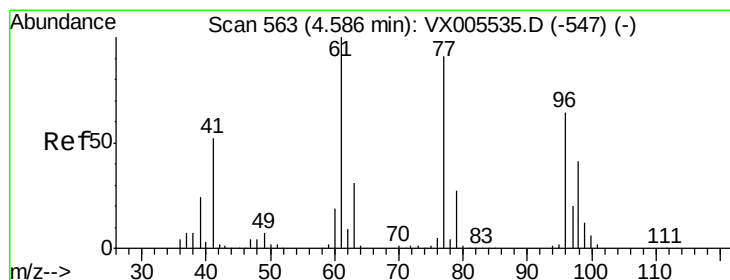
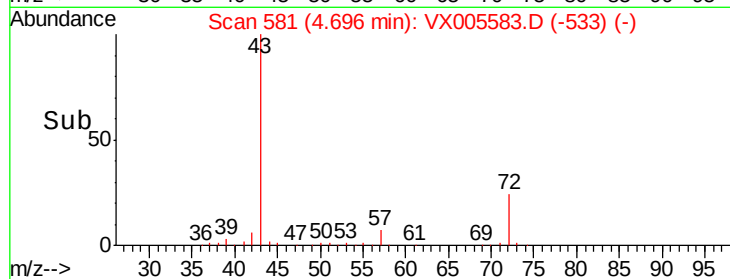
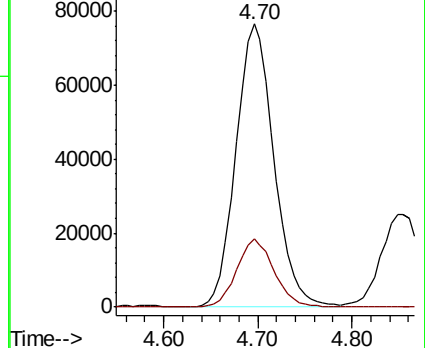
43 100

72 23.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.577 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005583.D

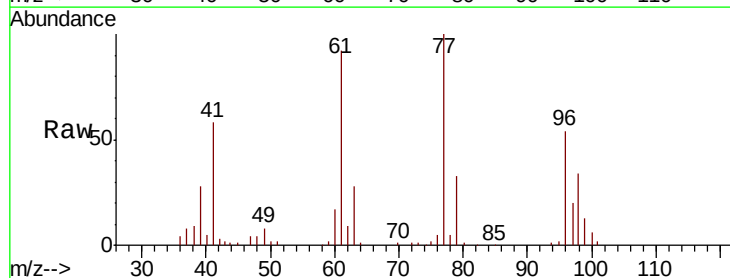
Acq: 25 Oct 2018 12:30

Tgt Ion: 77 Resp: 65329

Ion Ratio Lower Upper

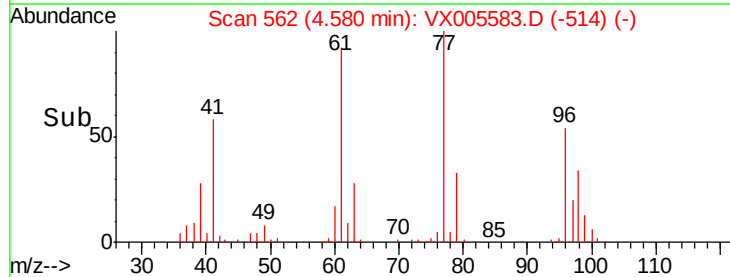
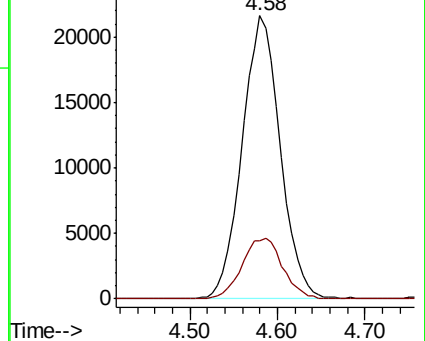
77 100

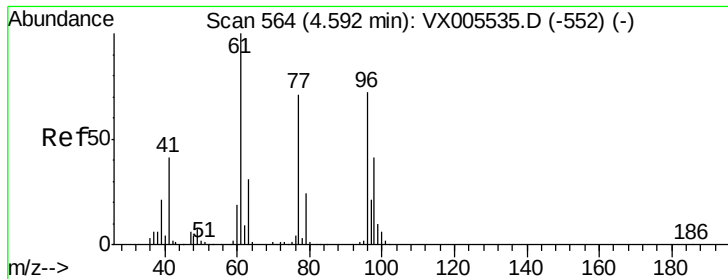
97 22.8 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



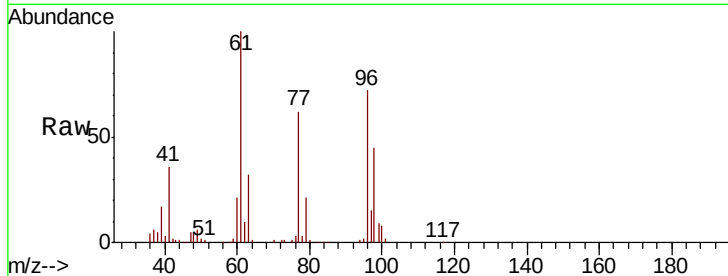


#27

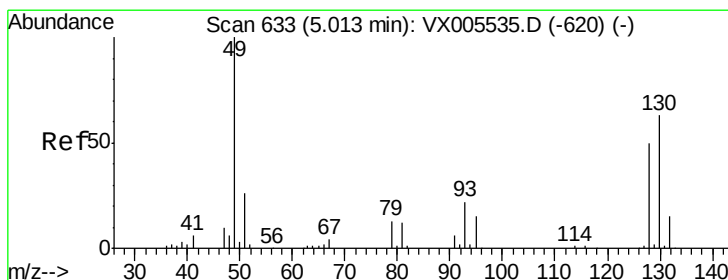
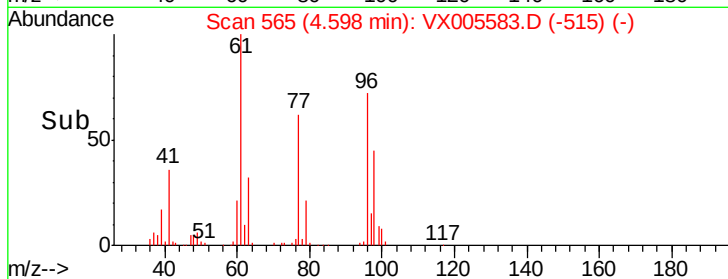
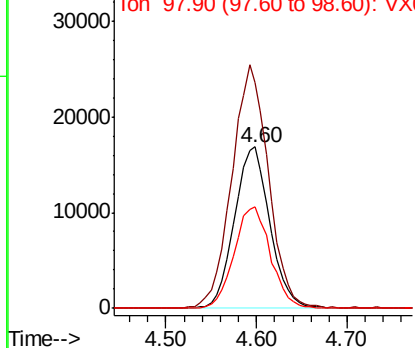
cis-1,2-Dichloroethene
Concen: 18.991 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.5	0.0	304.6
98	64.6	0.0	127.4



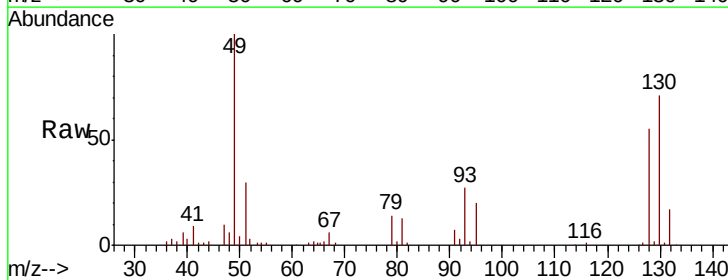
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



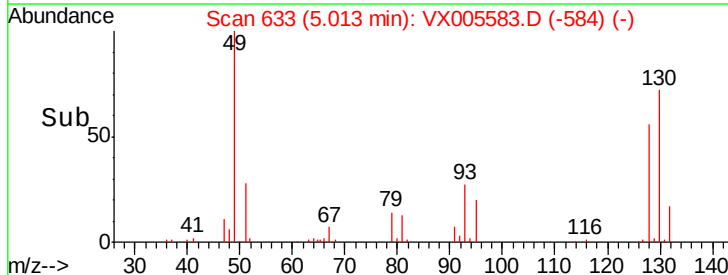
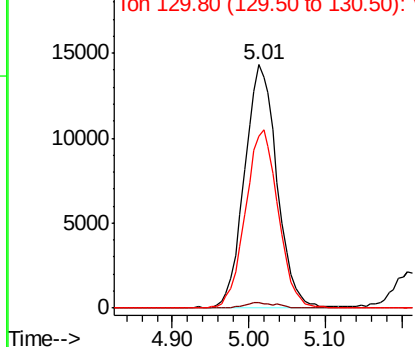
#28

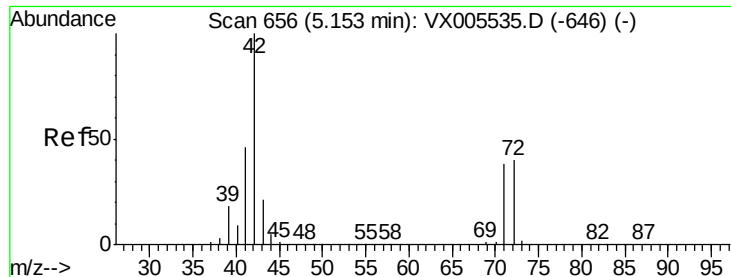
Bromochloromethane
Concen: 20.249 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	73.8	58.9	88.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

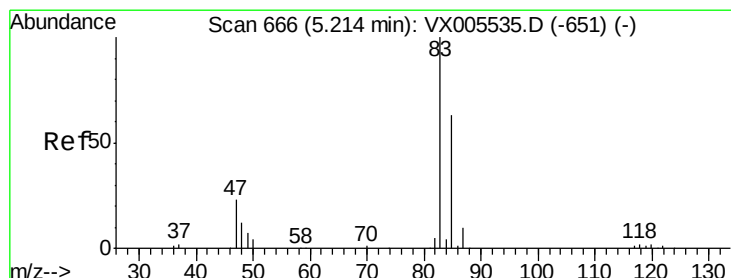
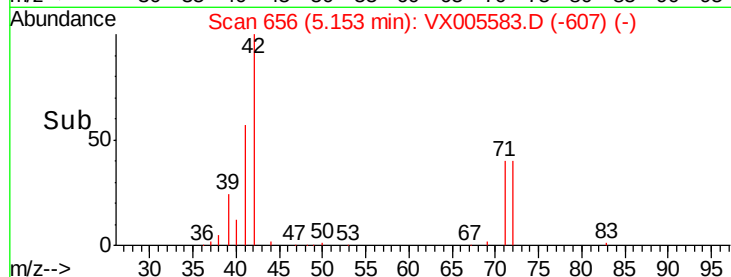
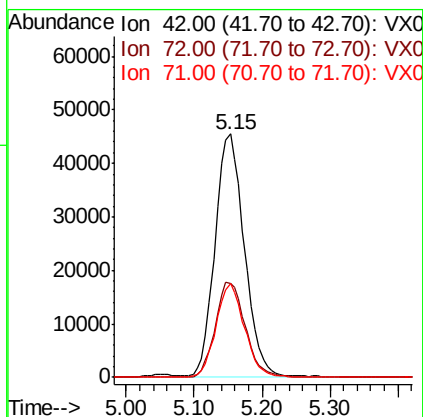
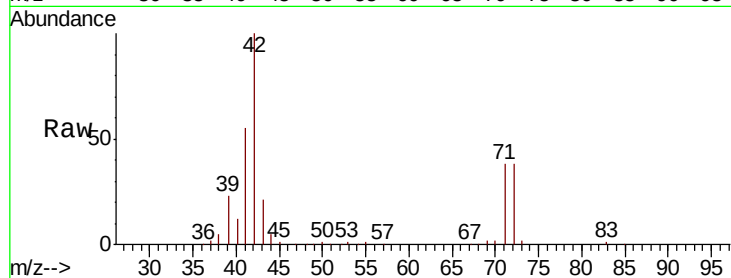




#29
Tetrahydrofuran
Concen: 97.408 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

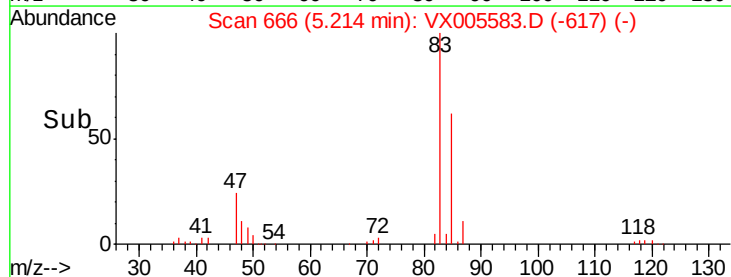
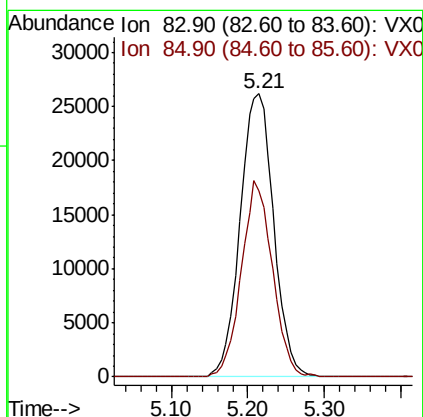
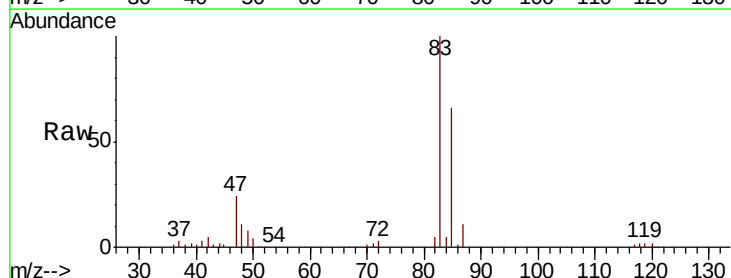
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

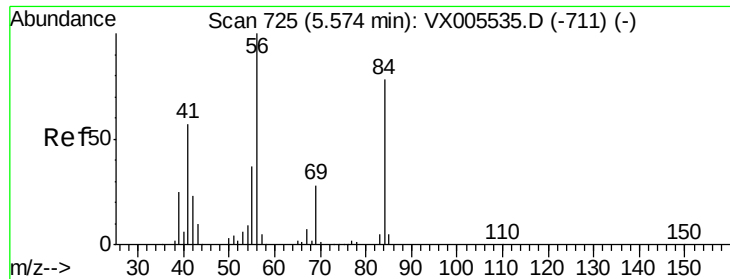
Tot Ion: 42 Resp: 135308
Ion Ratio Lower Upper
42 100
72 40.5 32.0 48.0
71 37.6 29.8 44.8



#30
Chloroform
Concen: 19.760 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion: 83 Resp: 79892
Ion Ratio Lower Upper
83 100
85 65.6 50.6 76.0

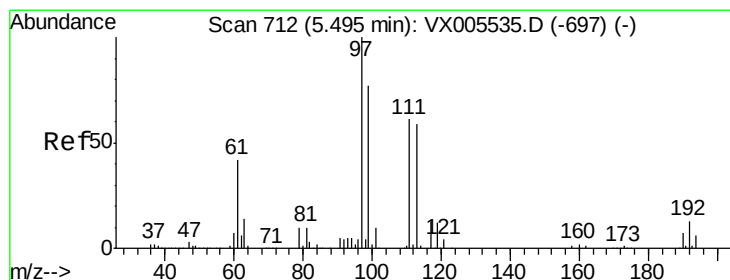
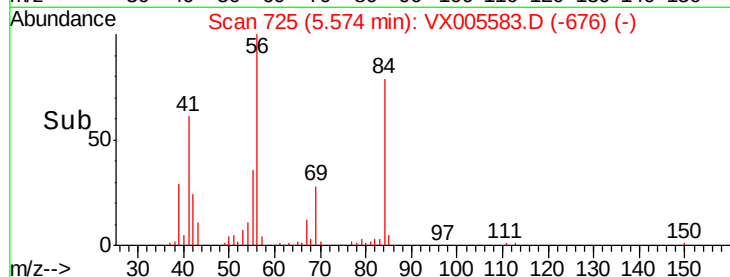
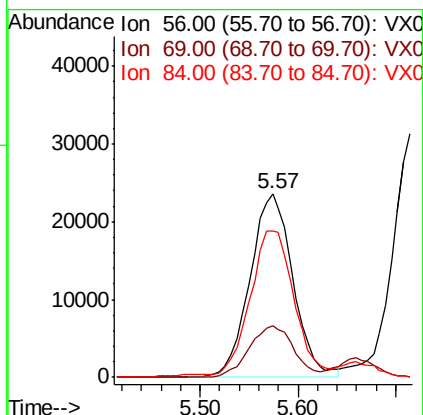
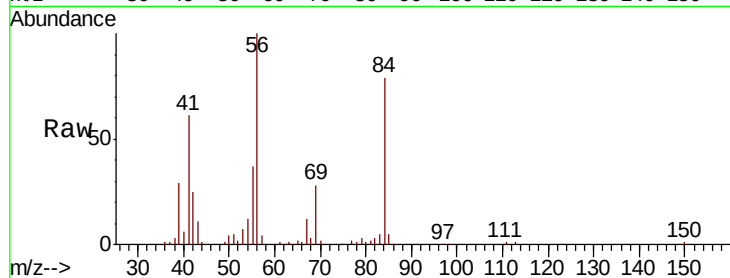




#31
Cyclohexane
Concen: 20.121 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

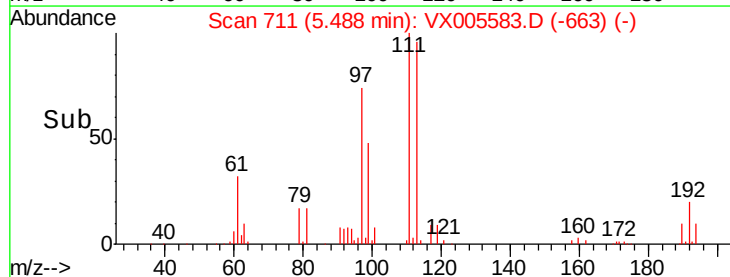
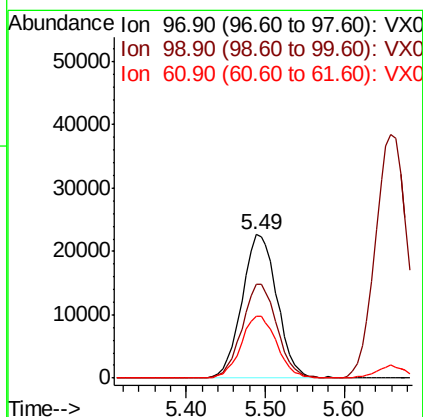
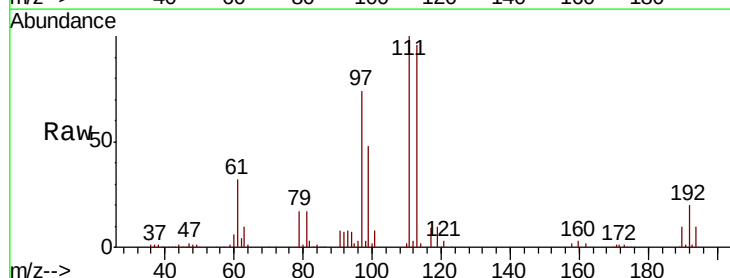
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

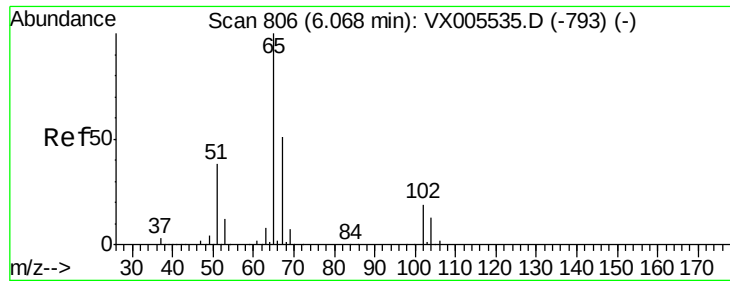
Tot Ion: 56 Resp: 71957
Ion Ratio Lower Upper
56 100
69 27.8 22.6 34.0
84 77.4 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 19.581 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion: 97 Resp: 69873
Ion Ratio Lower Upper
97 100
99 65.0 52.3 78.5
61 44.4 35.2 52.8

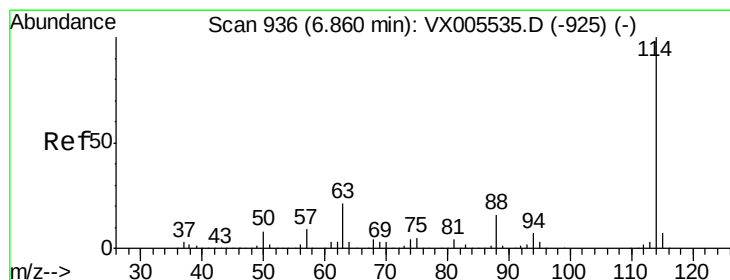
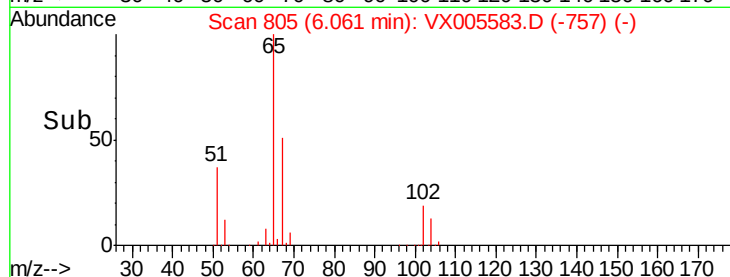
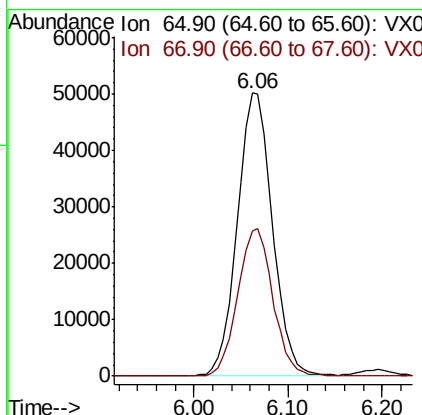
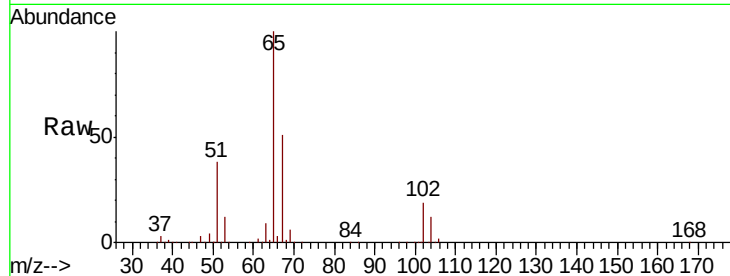




#33
 1,2-Dichloroethane-d4
 Concen: 49.384 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

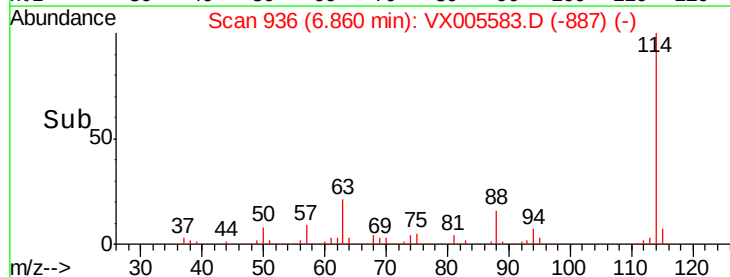
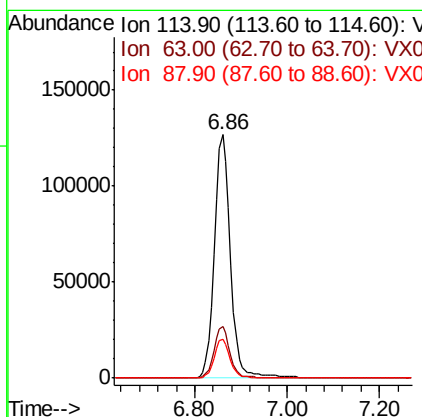
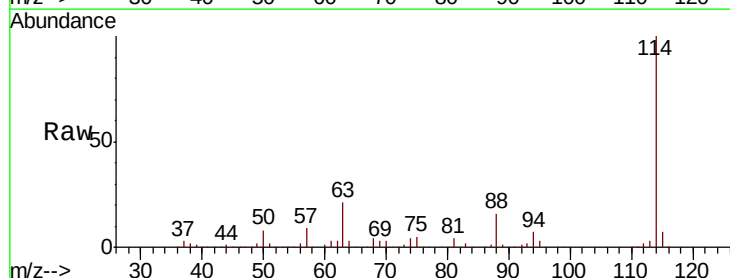
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

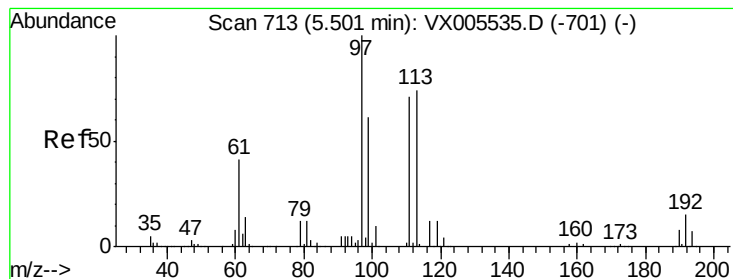
Tot Ion: 65 Resp: 130998
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Tgt Ion: 114 Resp: 306794
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.968 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

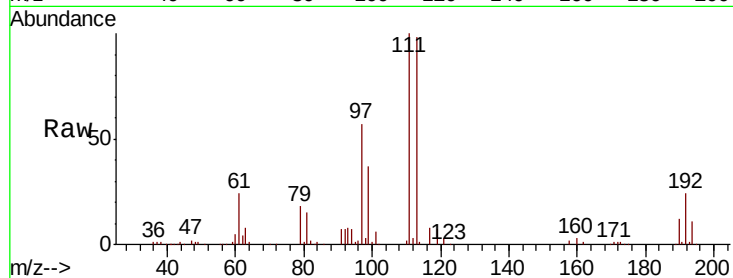
Tot Ion:113 Resp: 101724

Ion Ratio Lower Upper

113 100

111 103.5 82.3 123.5

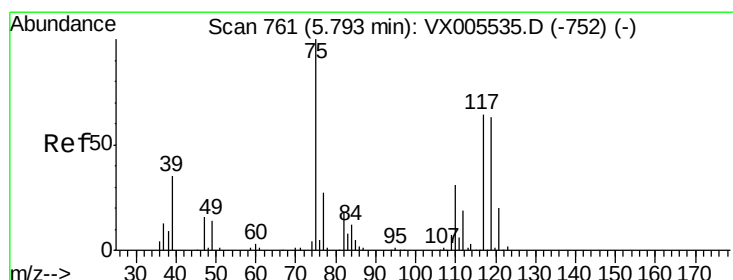
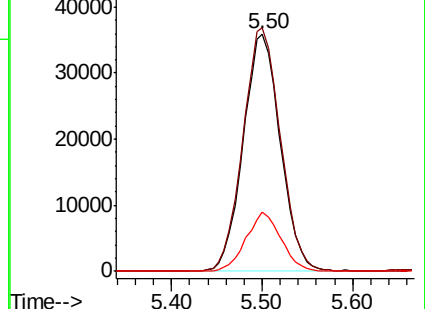
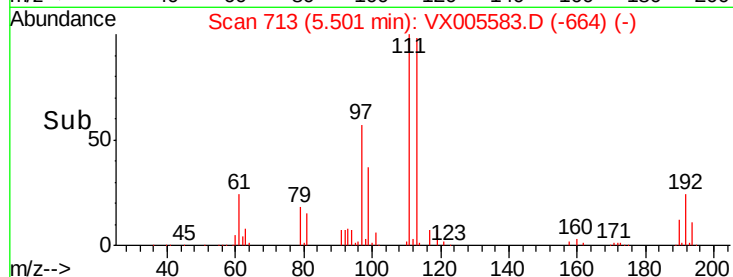
192 23.6 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.080 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

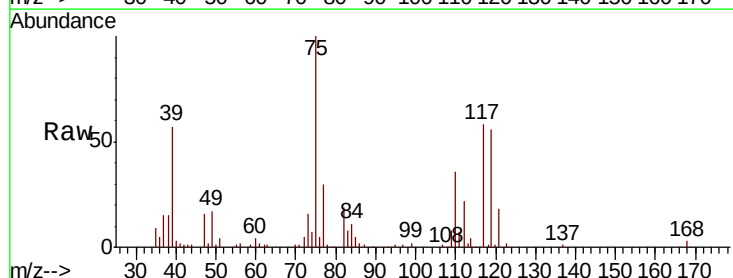
Tgt Ion: 75 Resp: 59785

Ion Ratio Lower Upper

75 100

110 36.4 17.4 52.2

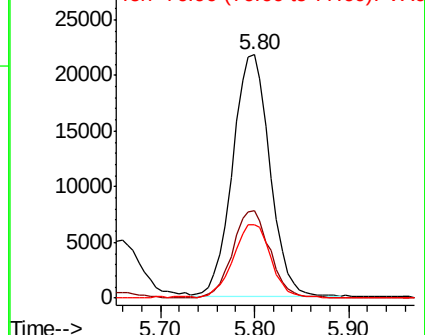
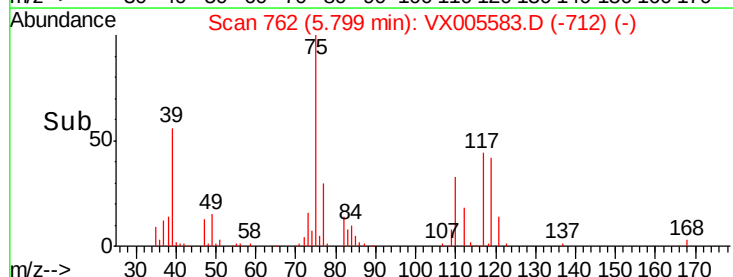
77 31.3 25.8 38.6

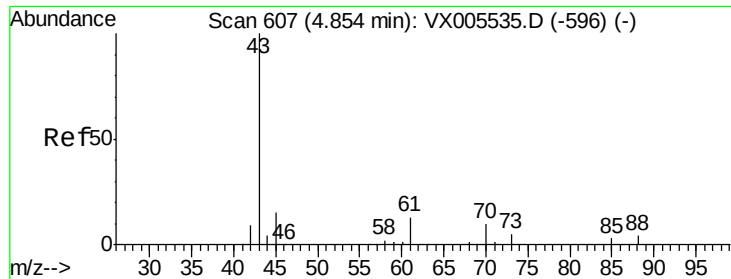


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

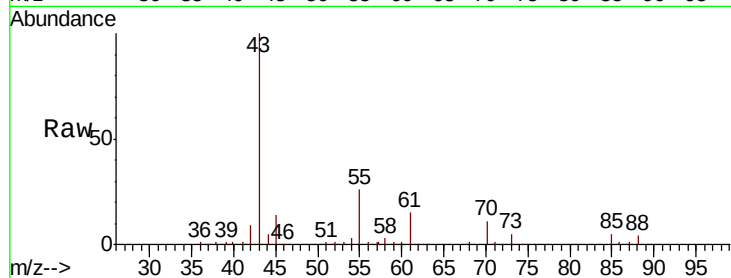




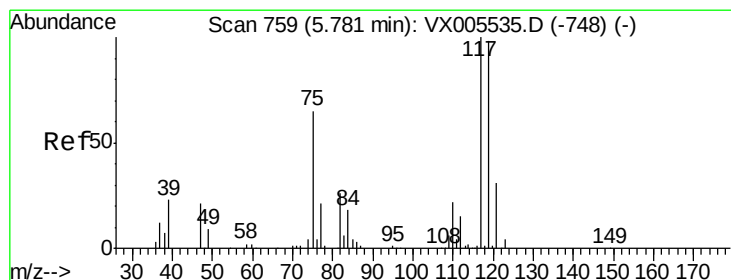
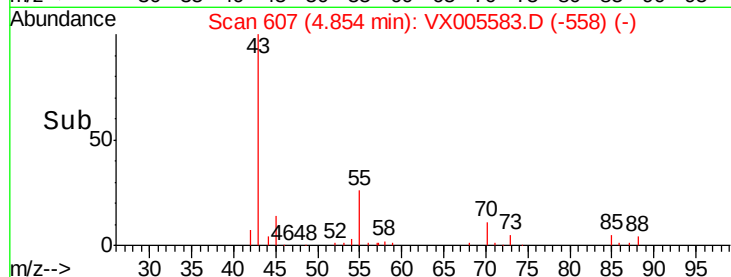
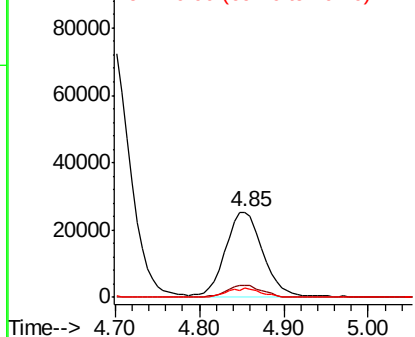
#37
Ethyl Acetate
Concen: 19.959 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion: 43 Resp: 75830
Ion Ratio Lower Upper
43 100
61 14.0 10.8 16.2
70 10.0 7.8 11.8

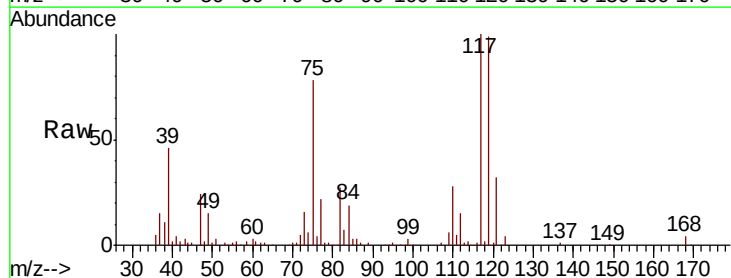


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

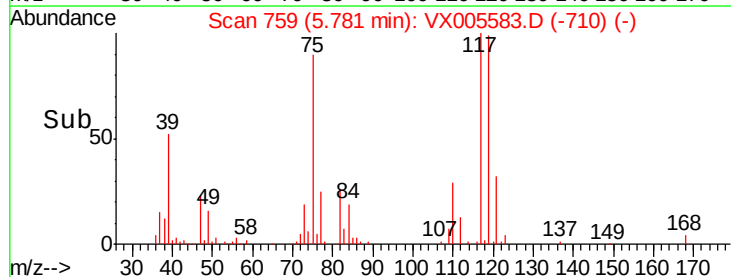
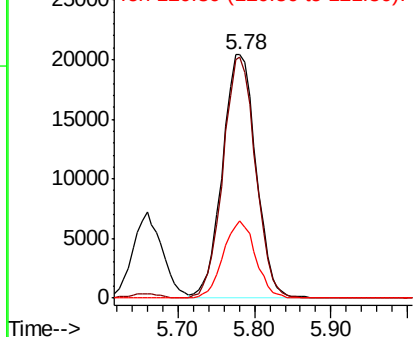


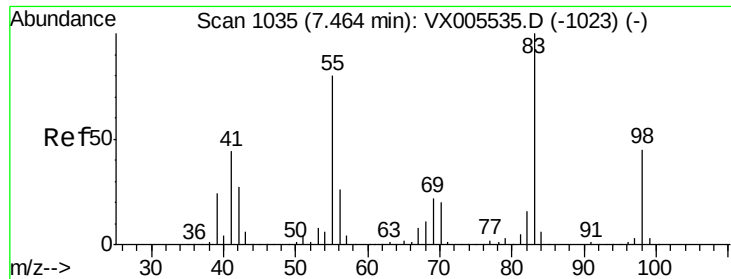
#38
Carbon Tetrachloride
Concen: 19.789 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion: 117 Resp: 62053
Ion Ratio Lower Upper
117 100
119 98.9 78.1 117.1
121 31.7 24.6 36.8



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

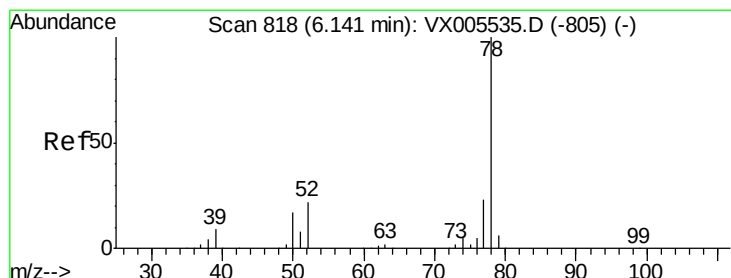
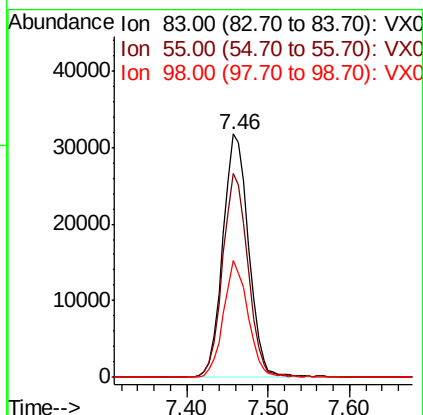
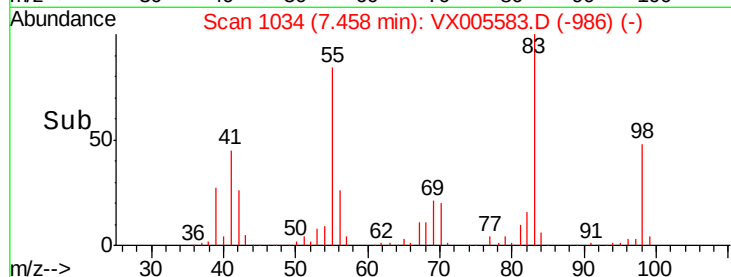
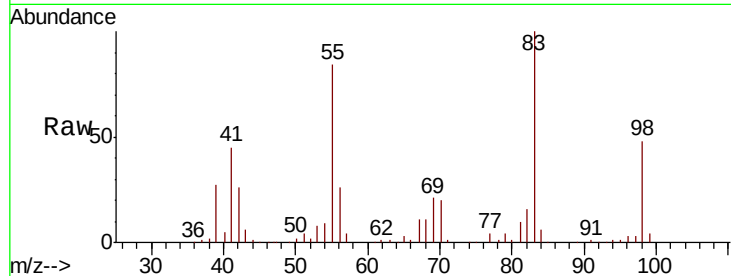




#39
Methylvlcyclohexane
Concen: 21.199 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

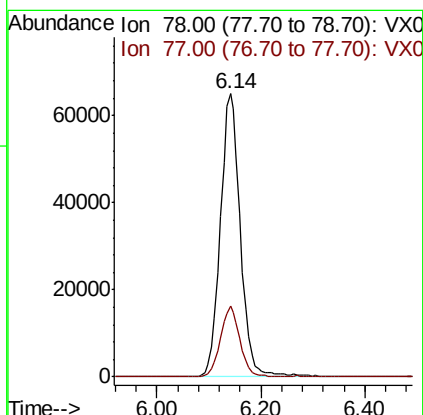
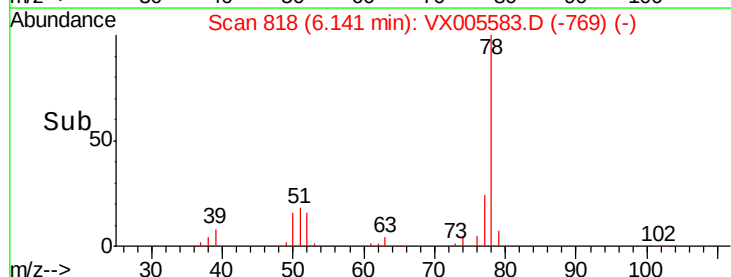
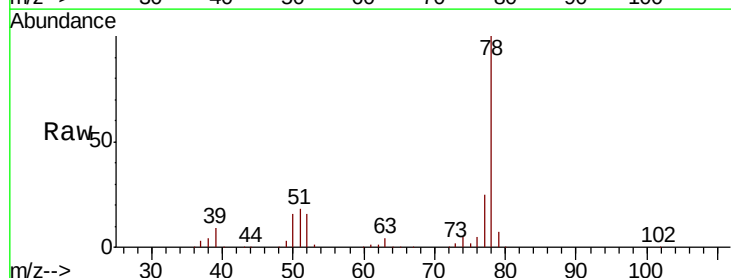
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

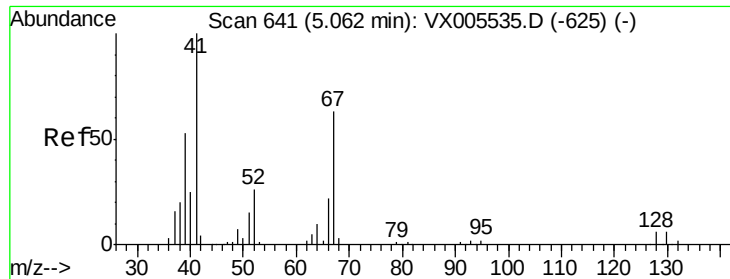
Tot Ion: 83 Resp: 69695
Ion Ratio Lower Upper
83 100
55 83.8 63.7 95.5
98 48.2 36.2 54.2



#40
Benzene
Concen: 20.642 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion: 78 Resp: 176176
Ion Ratio Lower Upper
78 100
77 24.9 18.4 27.6





#41

Methacrylonitrile

Concen: 19.689 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion: 41 Resp: 41668

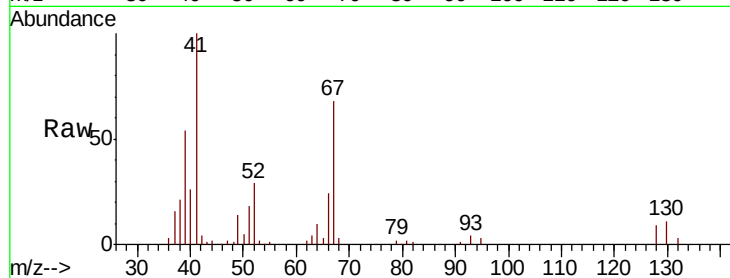
Ion Ratio Lower Upper

41 100

39 54.2 42.2 63.2

67 66.2 53.4 80.0

52 28.8 23.4 35.2

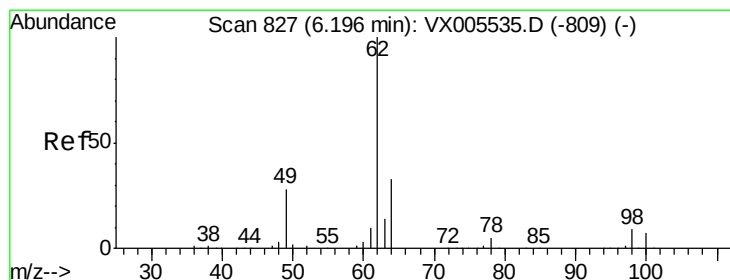
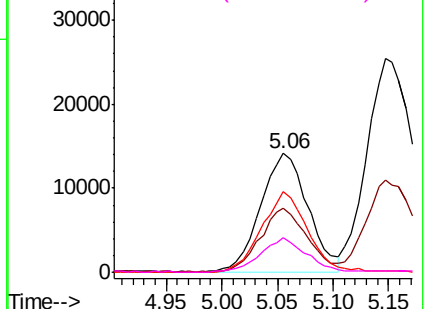
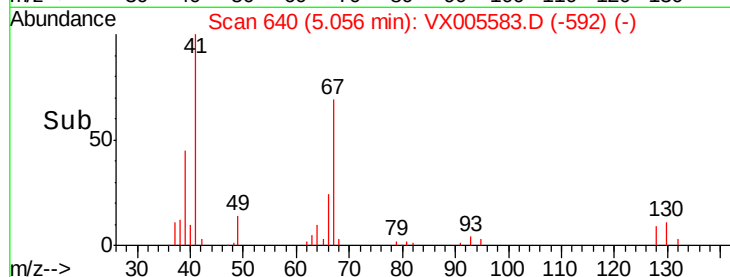


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.391 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX005583.D

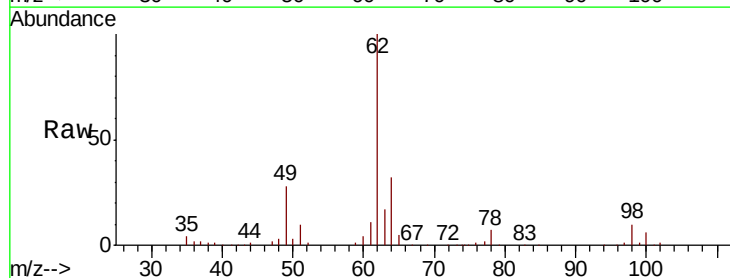
Acq: 25 Oct 2018 12:30

Tgt Ion: 62 Resp: 66112

Ion Ratio Lower Upper

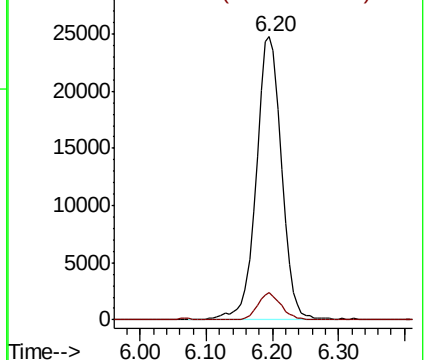
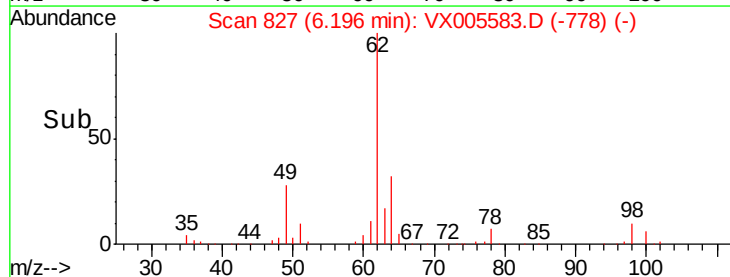
62 100

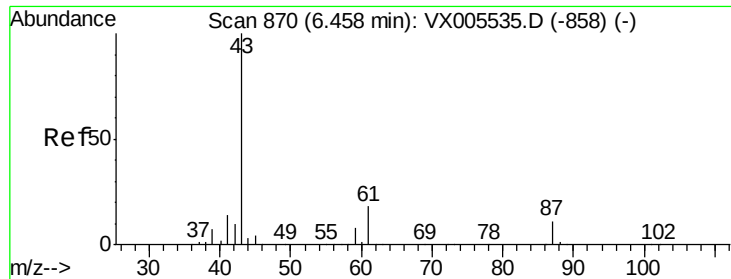
98 8.9 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.139 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

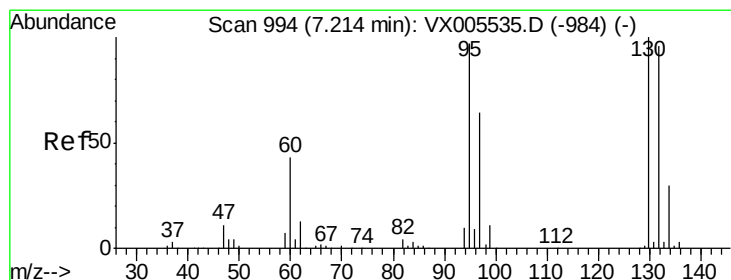
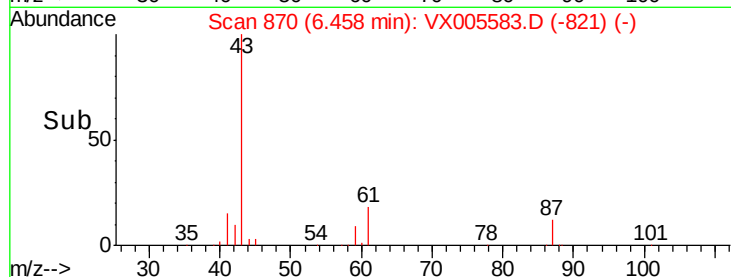
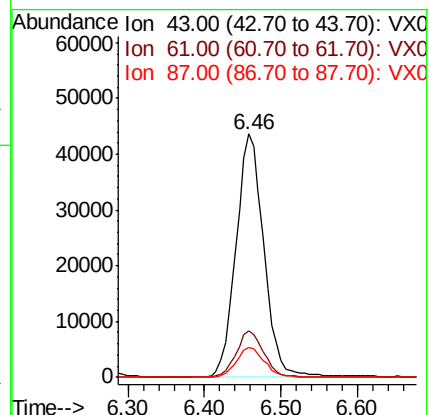
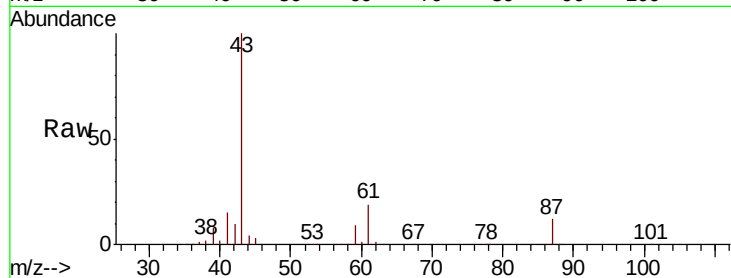
Tot Ion: 43 Resp: 108962

Ion Ratio Lower Upper

43 100

61 19.0 14.6 22.0

87 12.7 9.6 14.4



#44

Trichloroethene

Concen: 20.878 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005583.D

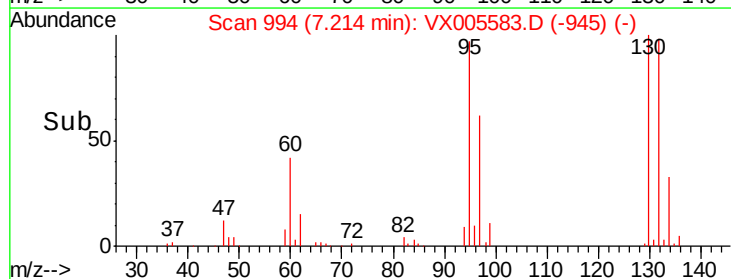
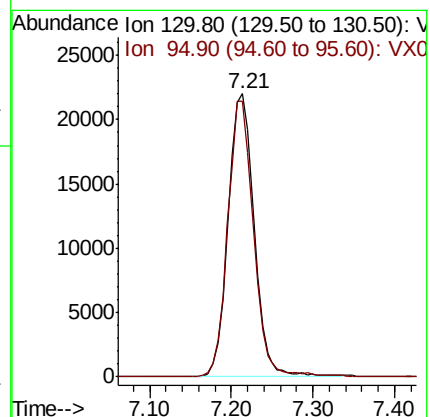
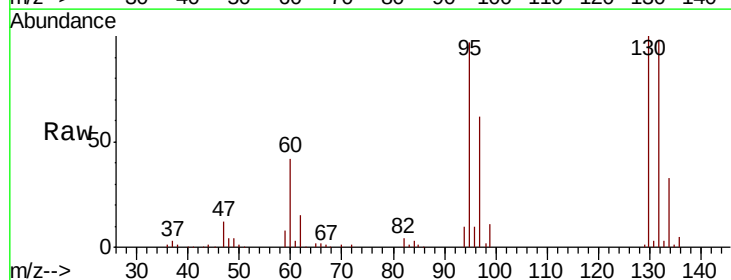
Acq: 25 Oct 2018 12:30

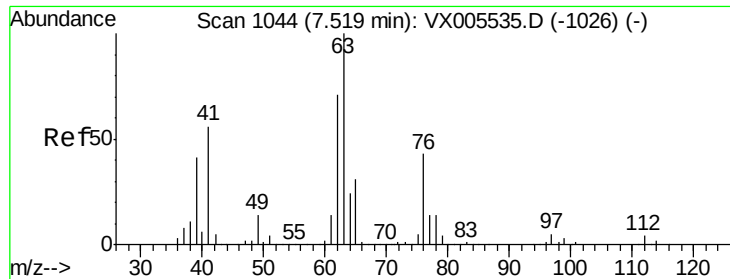
Tgt Ion:130 Resp: 48544

Ion Ratio Lower Upper

130 100

95 97.5 0.0 194.2

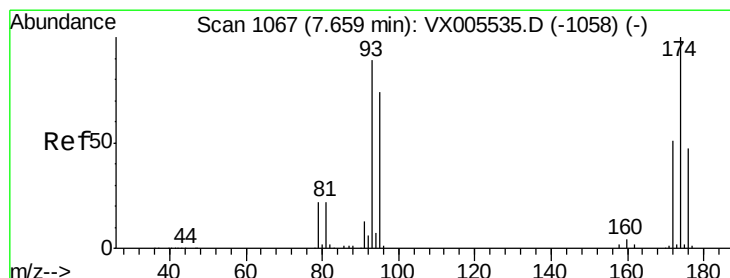
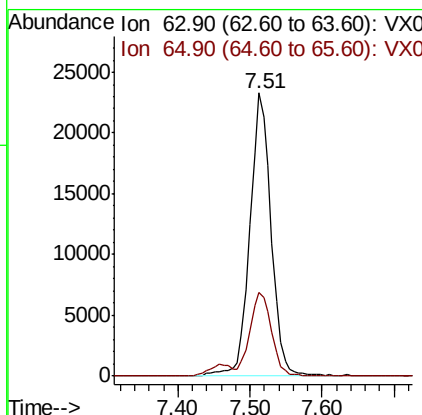
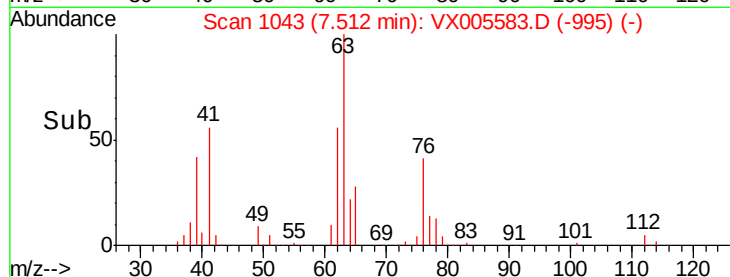
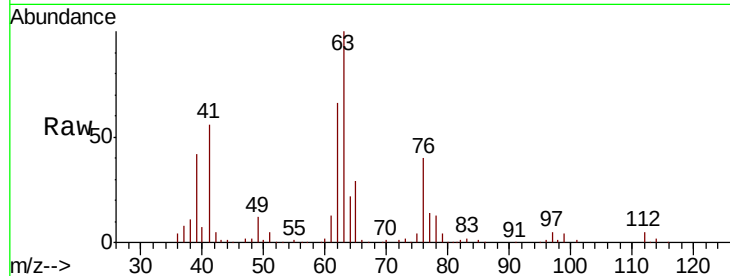




#45
 1,2-Dichloropropane
 Concen: 20.795 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

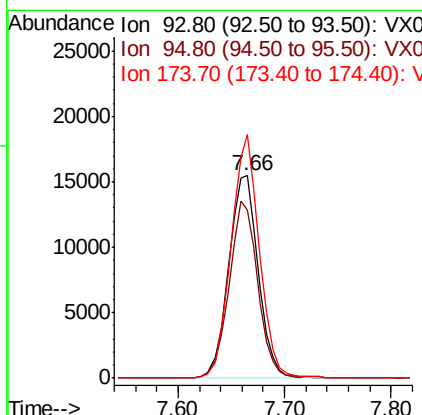
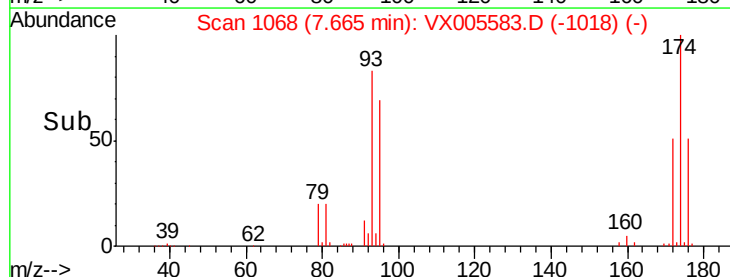
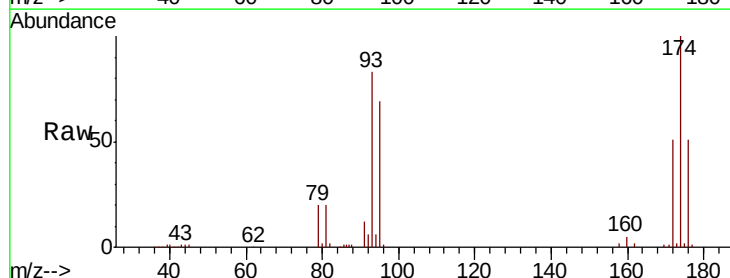
Instrument :
 MSVOA_X
 ClientSampled :
 VX1025WBS01

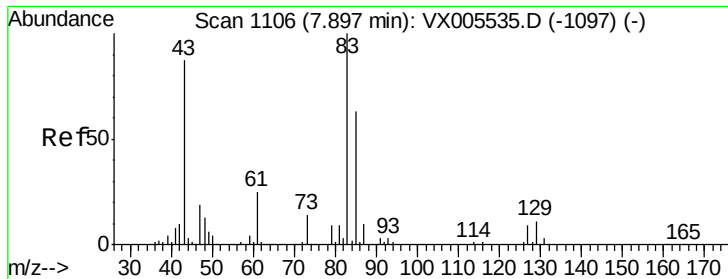
Tot Ion: 63 Resp: 47716
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.8 37.2



#46
 Dibromomethane
 Concen: 20.335 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Tgt Ion: 93 Resp: 30136
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.4 101.0
 174 114.8 91.5 137.3





#47

Bromodichloromethane

Concen: 20.745 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

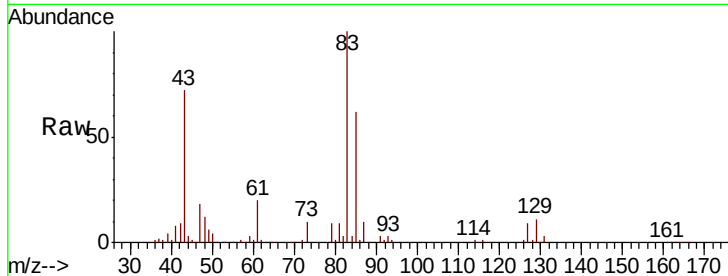
Tot Ion: 83 Resp: 59670

Ion Ratio Lower Upper

83 100

85 62.2 50.2 75.4

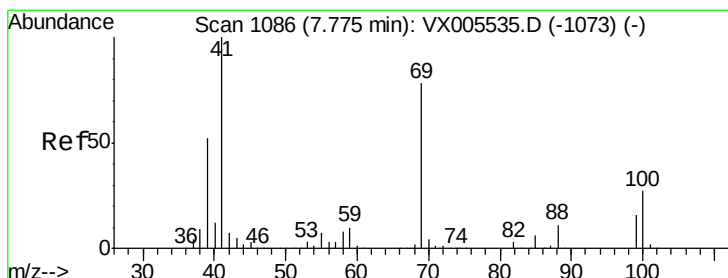
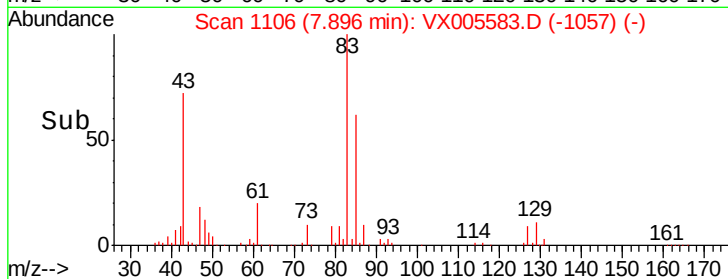
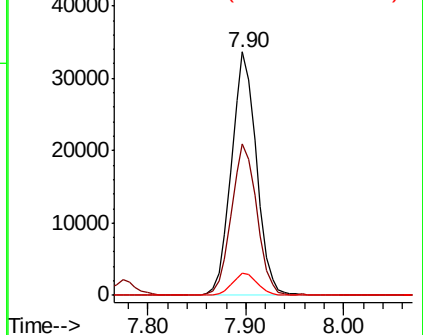
127 9.0 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.955 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

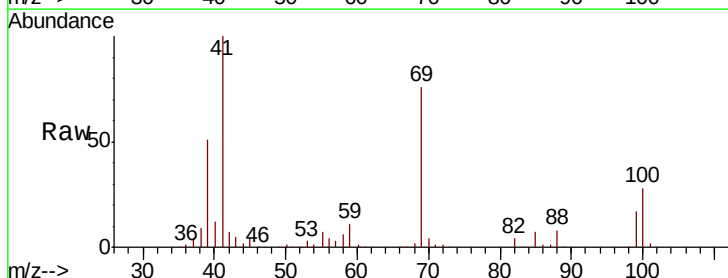
Tgt Ion: 41 Resp: 58119

Ion Ratio Lower Upper

41 100

69 77.6 63.2 94.8

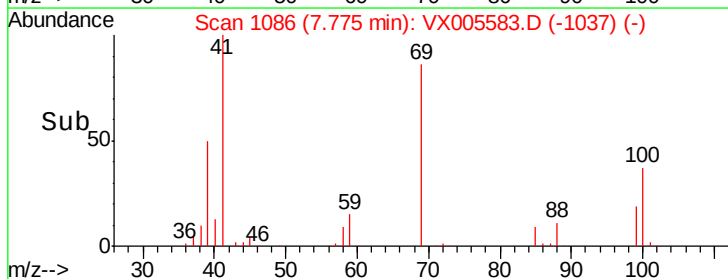
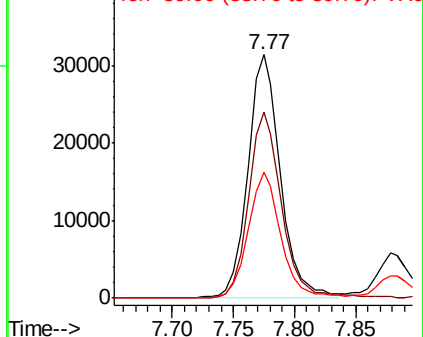
39 52.0 42.2 63.2

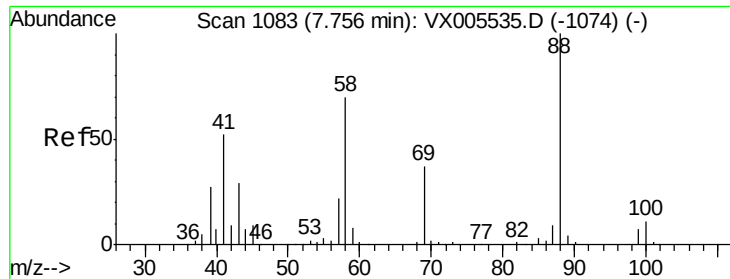


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

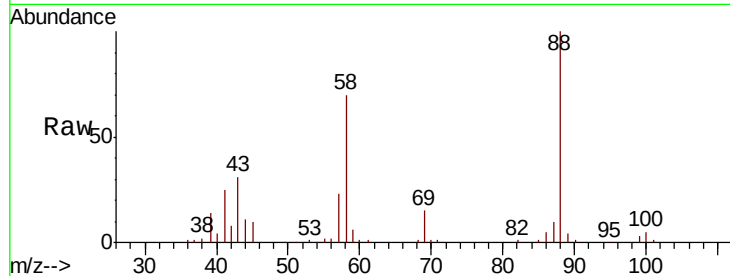




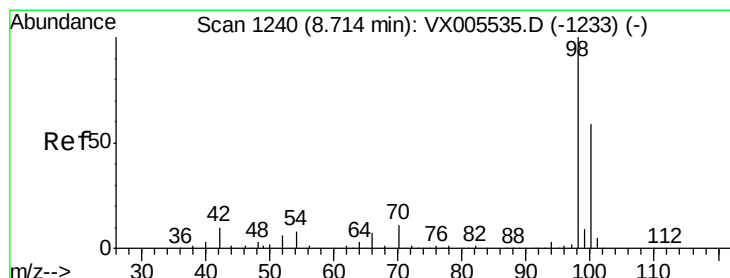
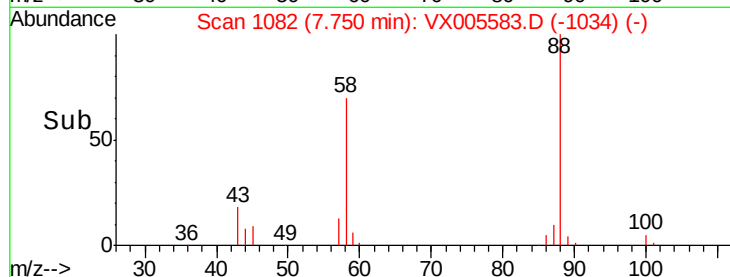
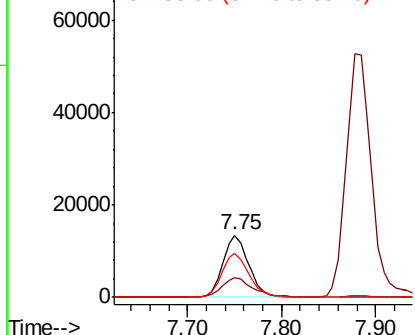
#49
1,4-Dioxane
Concen: 420.779 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion: 88 Resp: 25504
Ion Ratio Lower Upper
88 100
43 35.7 27.4 41.0
58 74.1 59.4 89.2

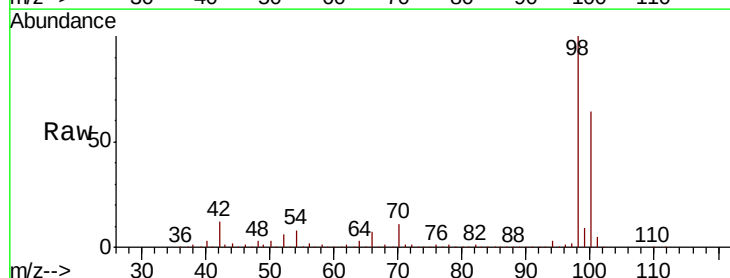


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

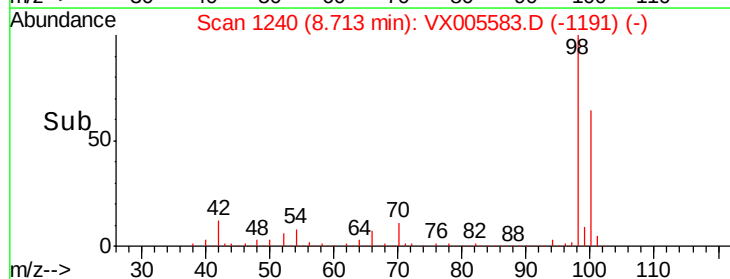
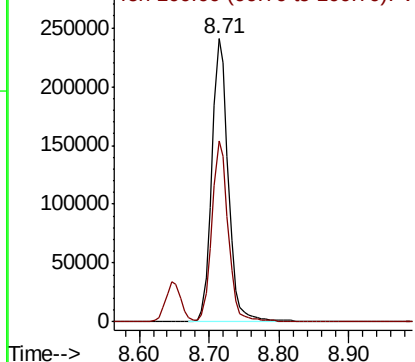


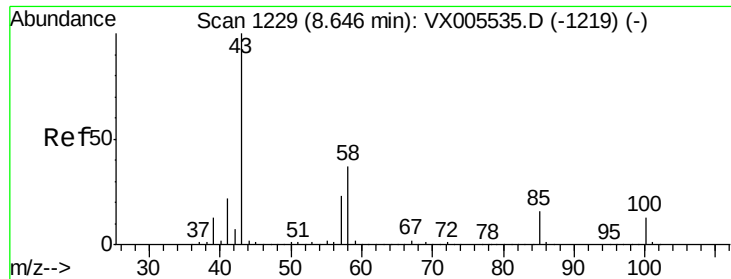
#50
Toluene-d8
Concen: 52.787 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion: 98 Resp: 394024
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9



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





#51

4-Methyl-2-Pentanone

Concen: 104.313 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

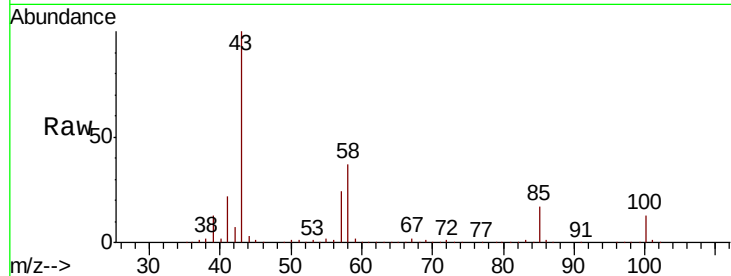
VX1025WBS01

Tot Ion: 43 Resp: 399126

Ion Ratio Lower Upper

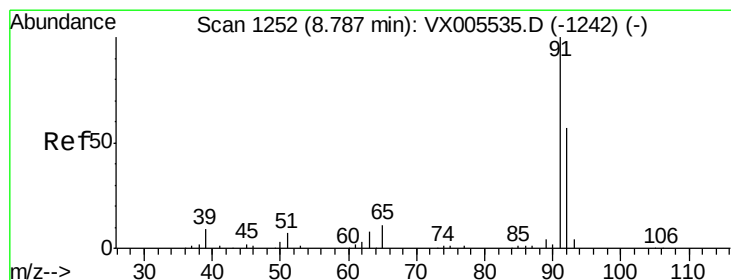
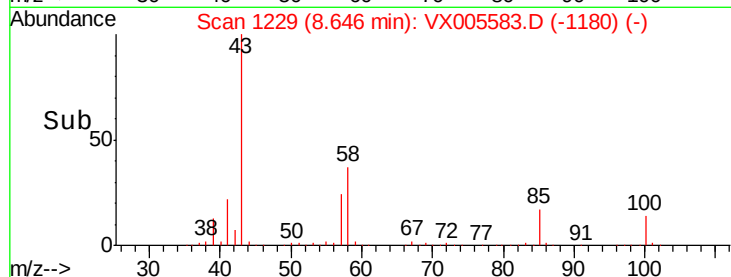
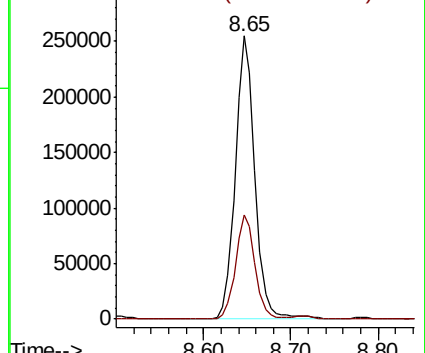
43 100

58 36.6 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 21.253 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX005583.D

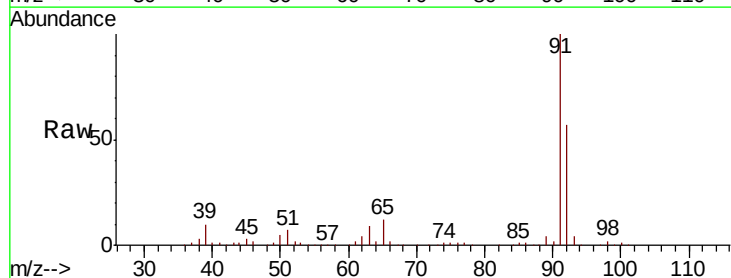
Acq: 25 Oct 2018 12:30

Tgt Ion: 92 Resp: 110240

Ion Ratio Lower Upper

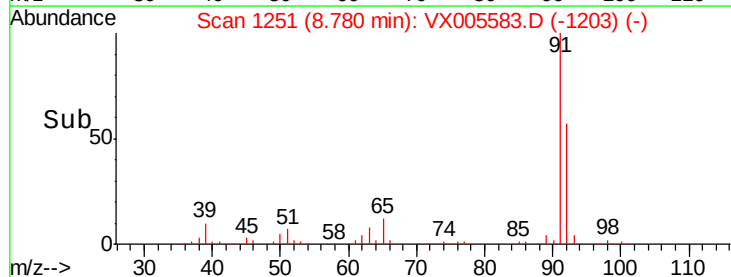
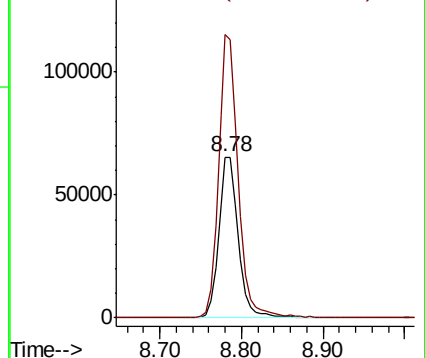
92 100

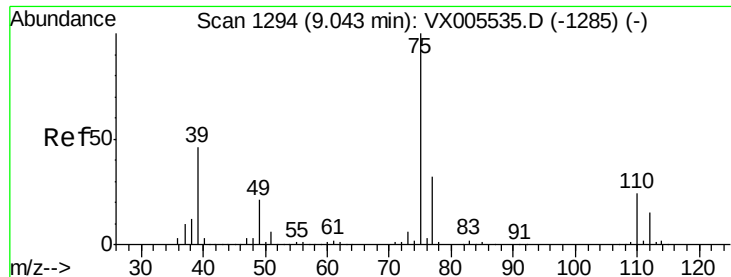
91 175.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

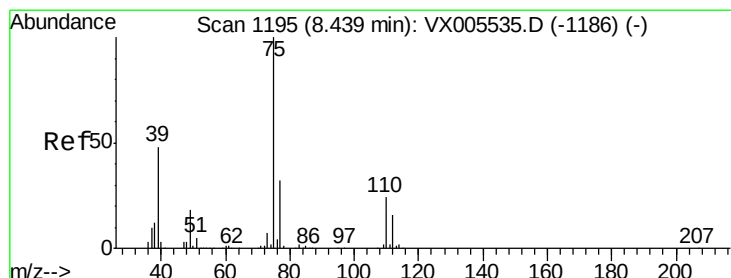
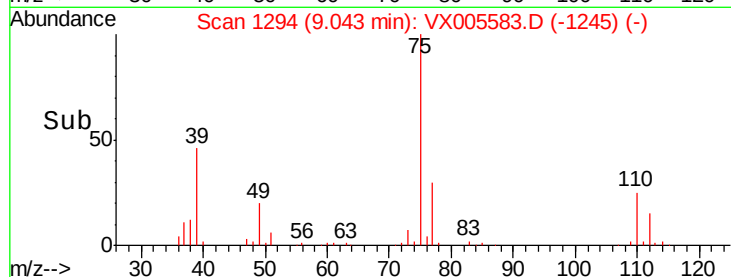
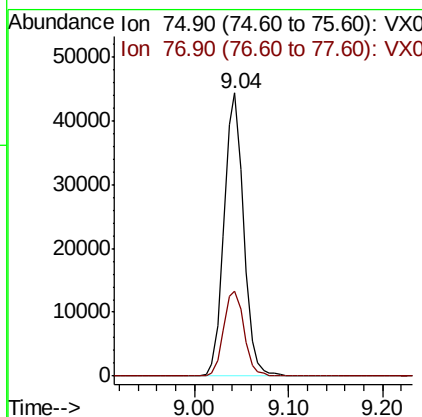
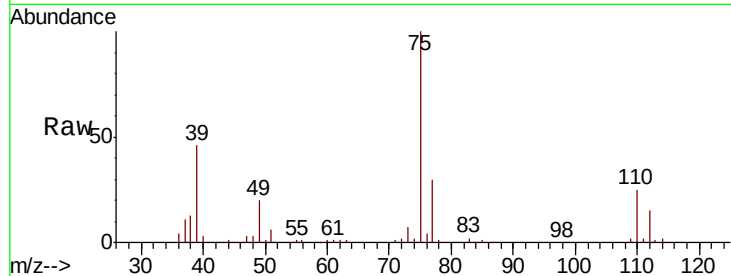




#53
t-1,3-Dichloropropene
Concen: 20.605 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

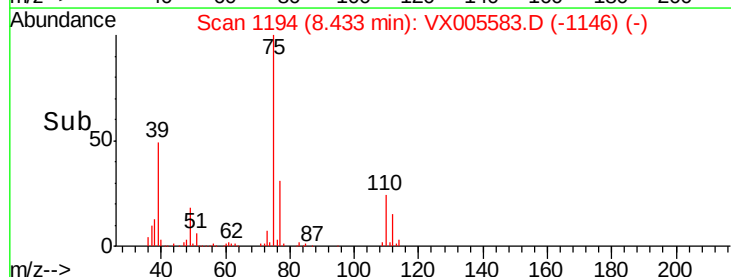
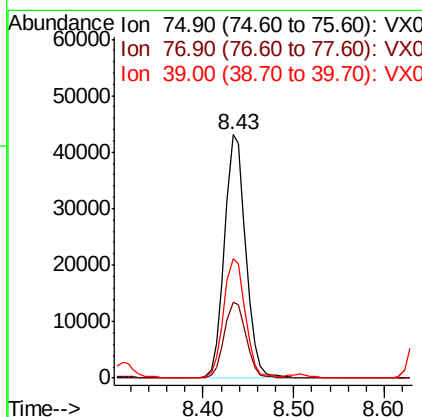
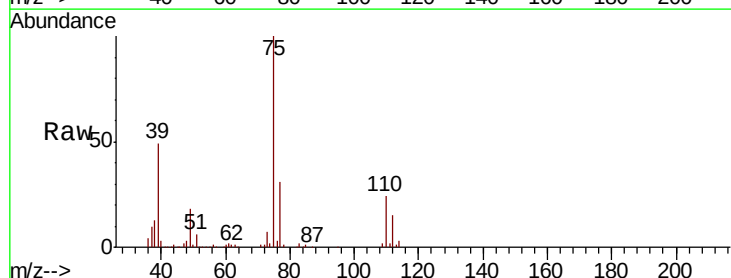
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

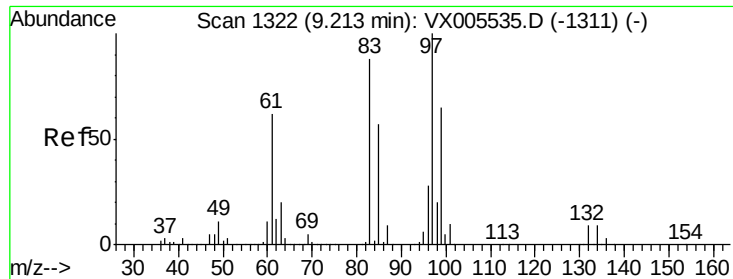
Tot Ion: 75 Resp: 64055
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 21.166 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion: 75 Resp: 70839
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8
39 49.1 38.2 57.2

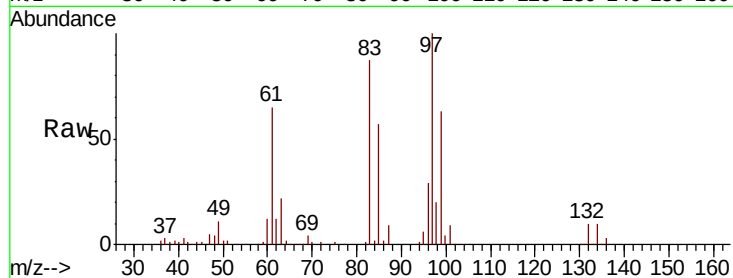




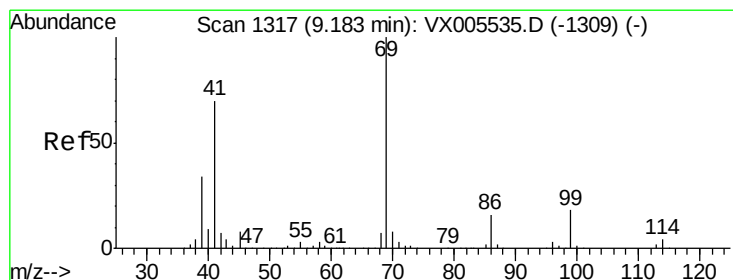
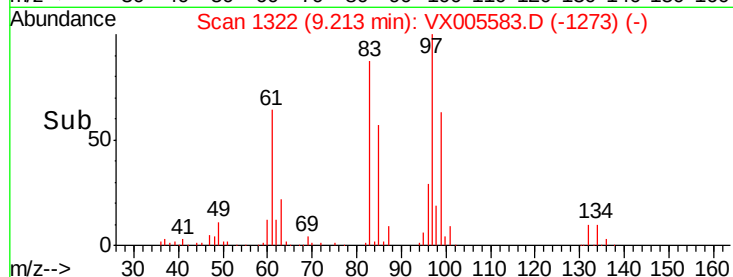
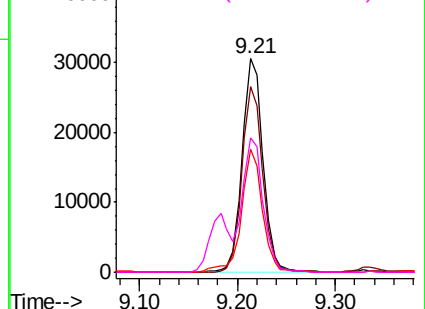
#55
 1,1,2-Trichloroethane
 Concen: 20.698 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Tot Ion: 97 Resp: 45263
 Ion Ratio Lower Upper
 97 100
 83 87.0 70.7 106.1
 85 57.5 45.8 68.6
 99 63.2 51.8 77.8

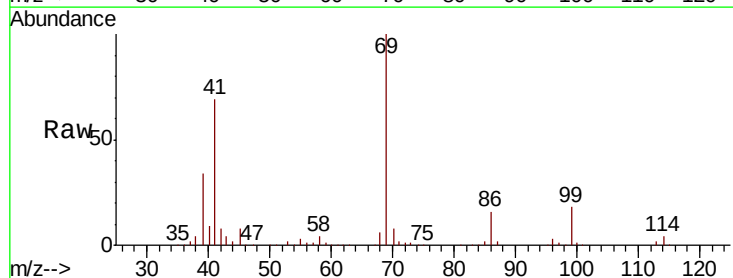


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

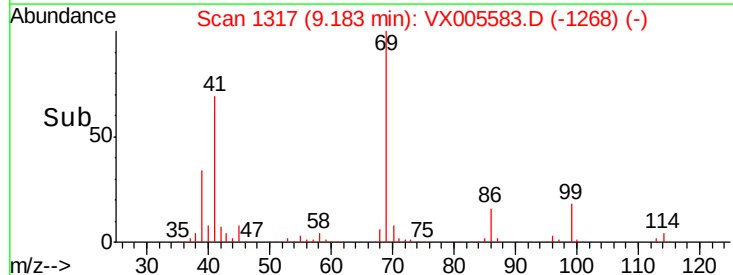
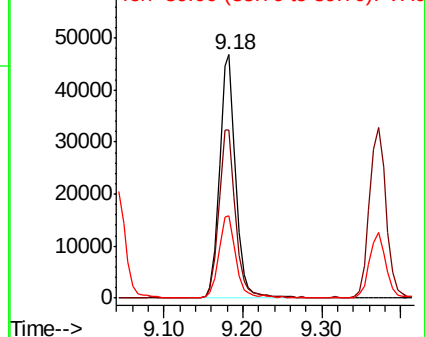


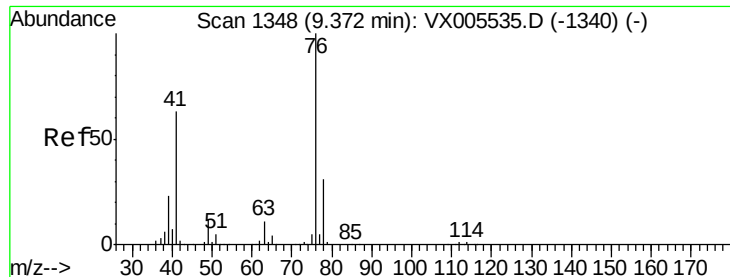
#56
 Ethyl methacrylate
 Concen: 20.477 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Tgt Ion: 69 Resp: 66793
 Ion Ratio Lower Upper
 69 100
 41 72.3 57.0 85.6
 39 35.6 28.3 42.5



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





#57

1,3-Dichloropropane

Concen: 20.696 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

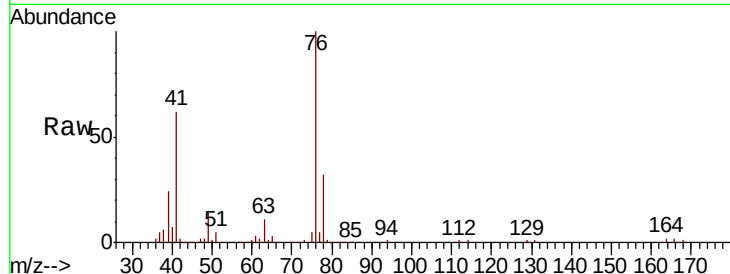
VX1025WBS01

Tot Ion: 76 Resp: 76579

Ion Ratio Lower Upper

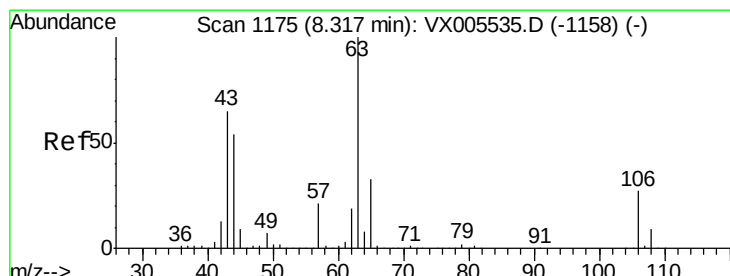
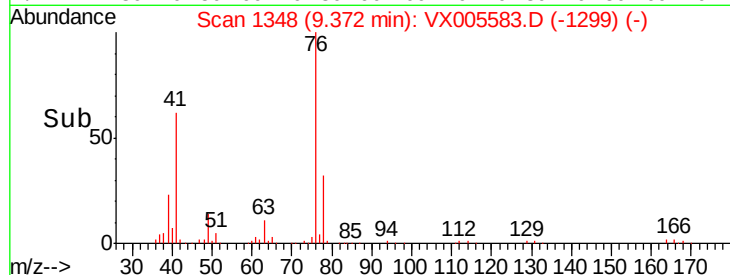
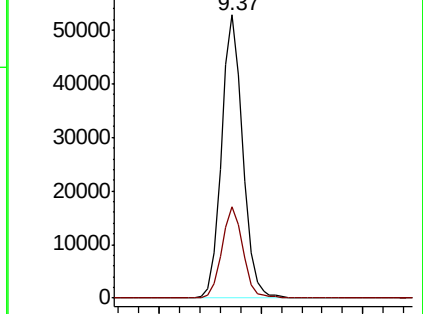
76 100

78 32.3 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 107.579 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005583.D

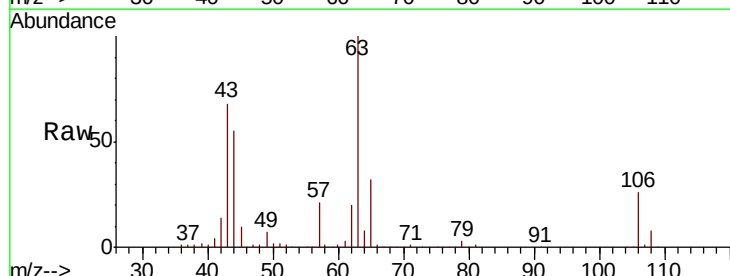
Acq: 25 Oct 2018 12:30

Tgt Ion: 63 Resp: 195988

Ion Ratio Lower Upper

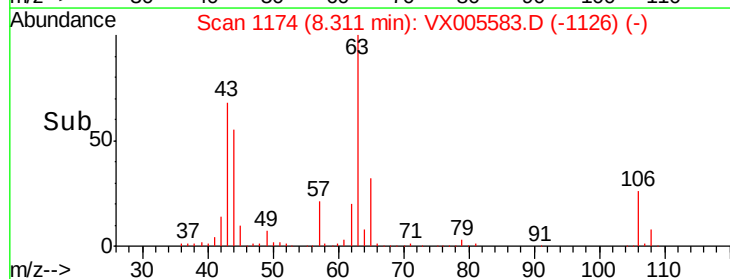
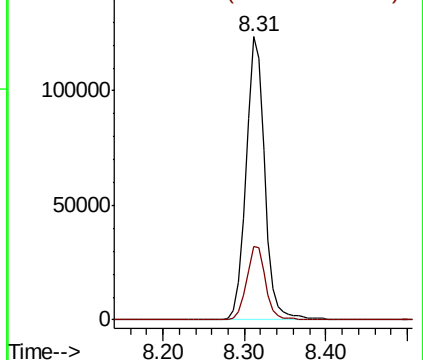
63 100

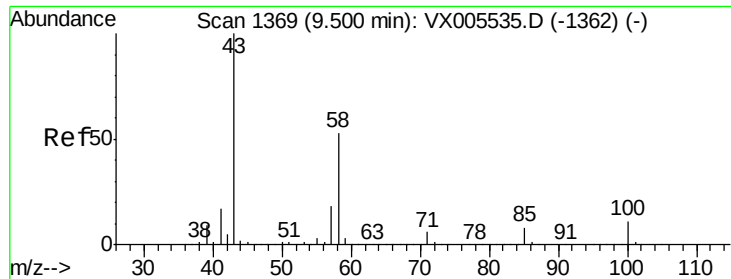
106 26.5 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

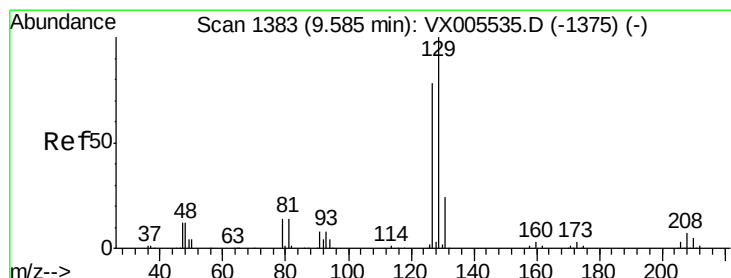
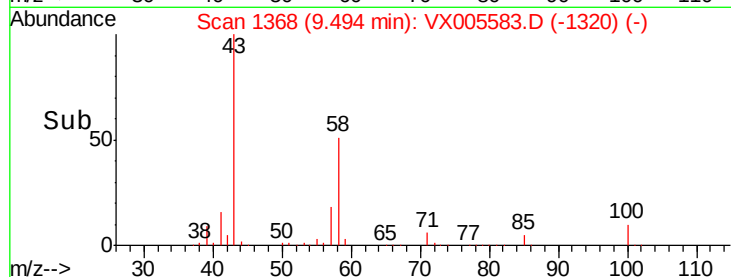
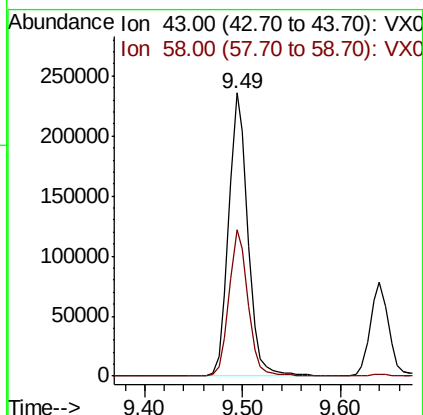
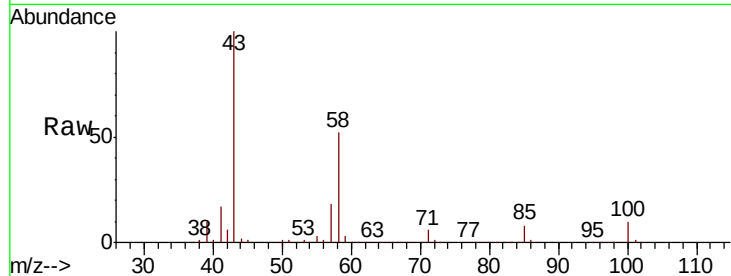




#59
2-Hexanone
Concen: 106.302 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

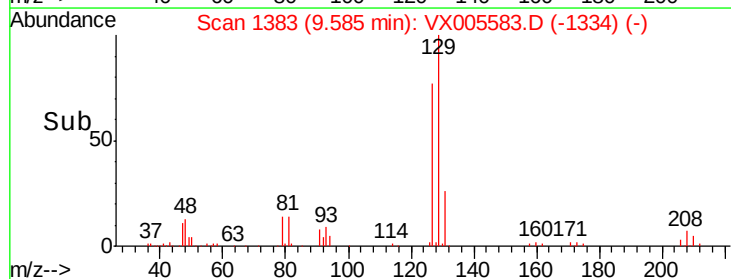
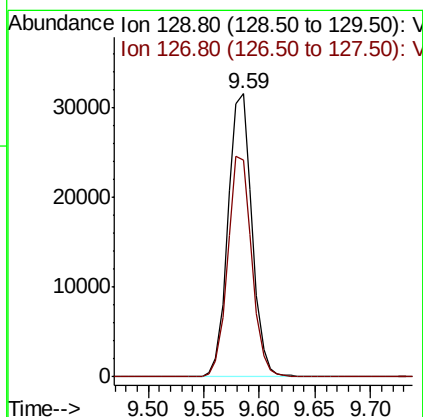
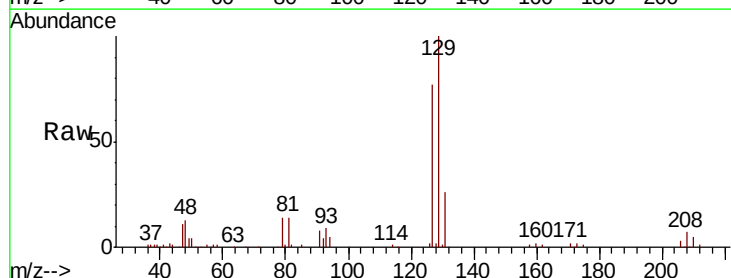
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

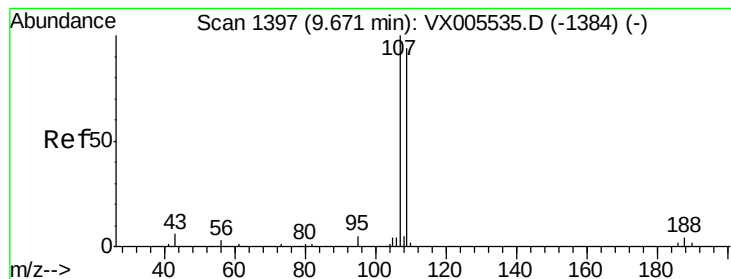
Tot Ion: 43 Resp: 320693
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.8



#60
Dibromochloromethane
Concen: 20.600 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion:129 Resp: 47002
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 21.571 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

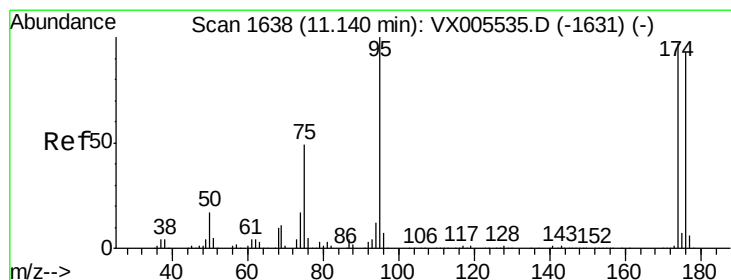
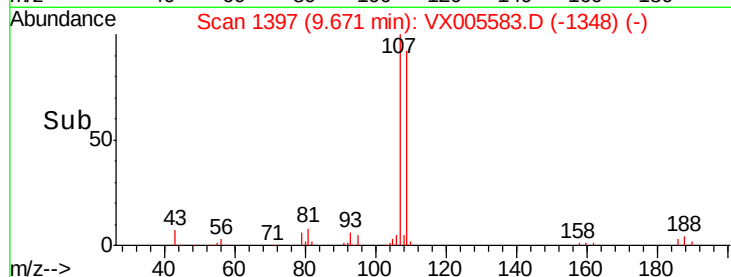
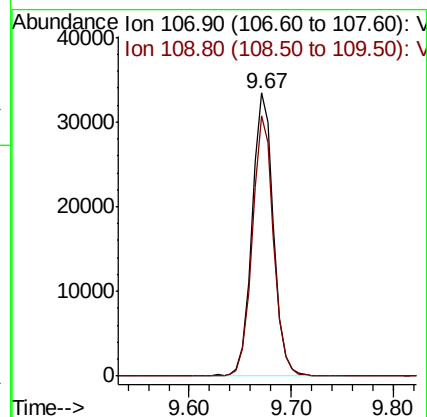
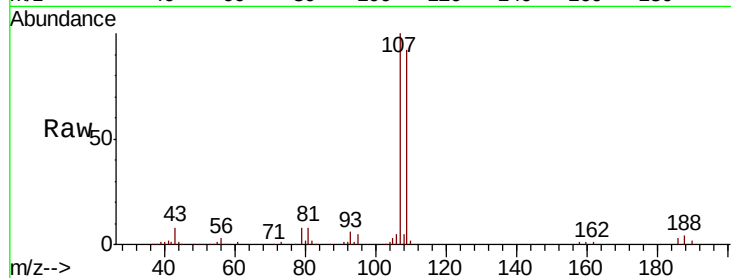
VX1025WBS01

Tot Ion:107 Resp: 48803

Ion Ratio Lower Upper

107 100

109 91.6 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 51.669 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

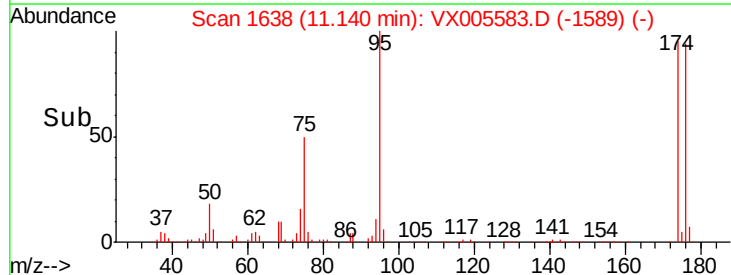
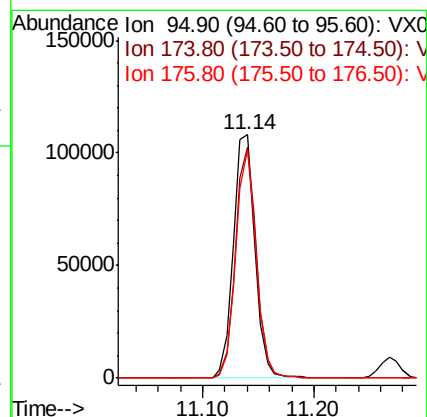
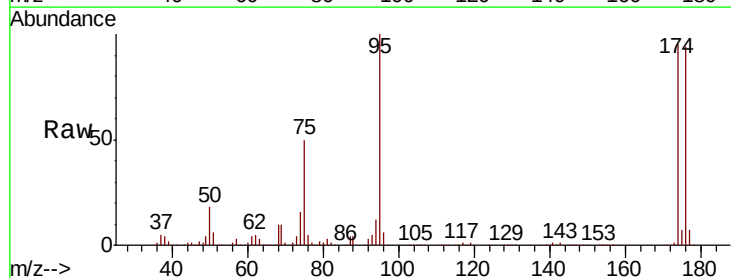
Tgt Ion: 95 Resp: 145649

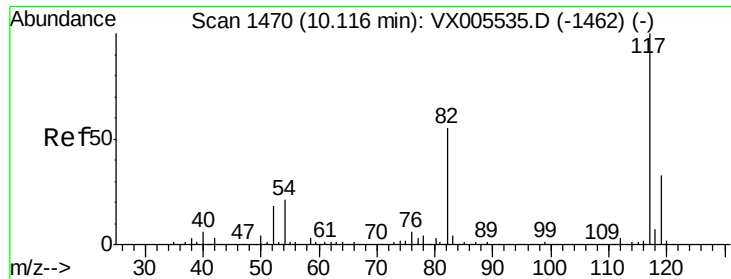
Ion Ratio Lower Upper

95 100

174 91.7 0.0 184.4

176 88.6 0.0 177.4

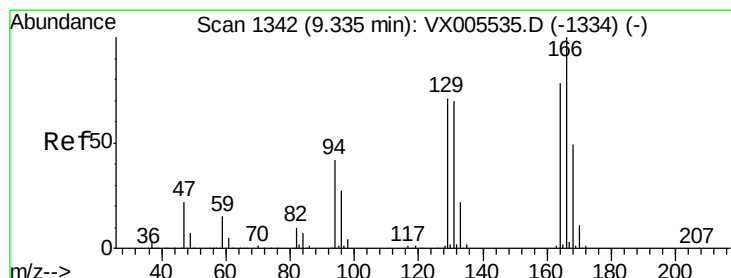
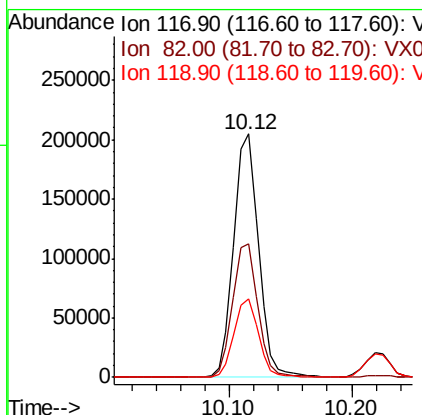
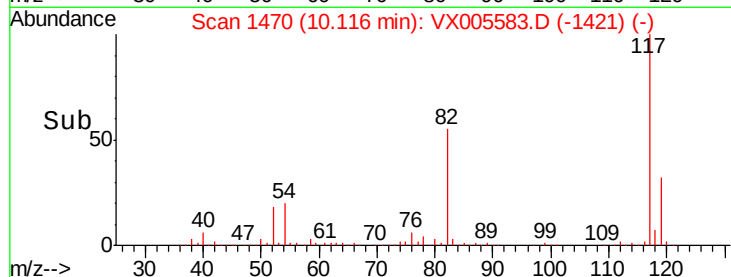
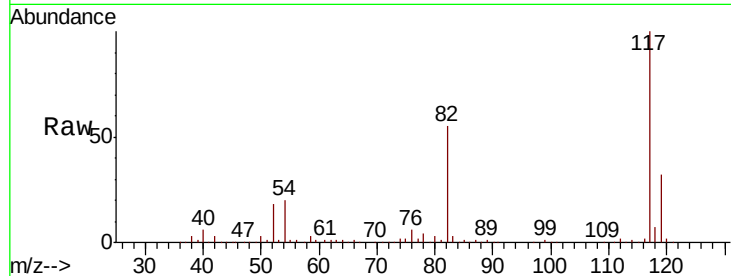




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

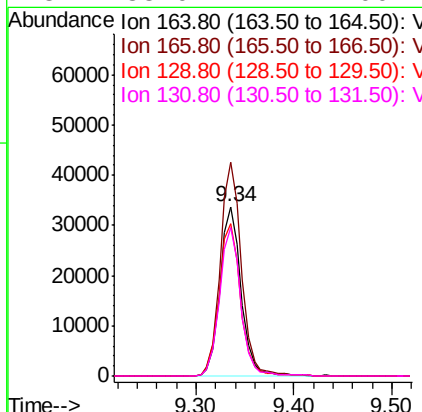
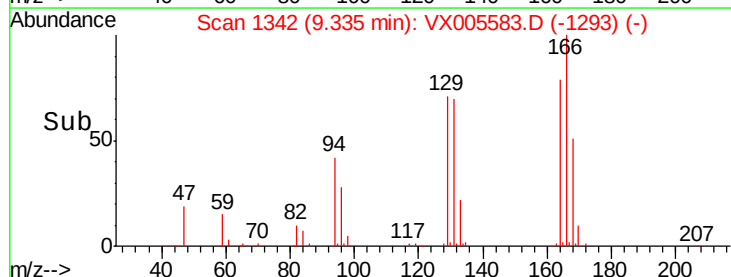
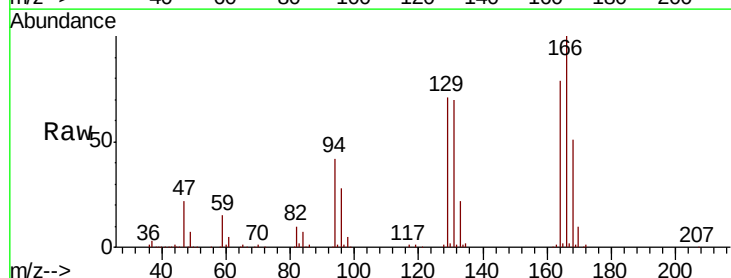
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

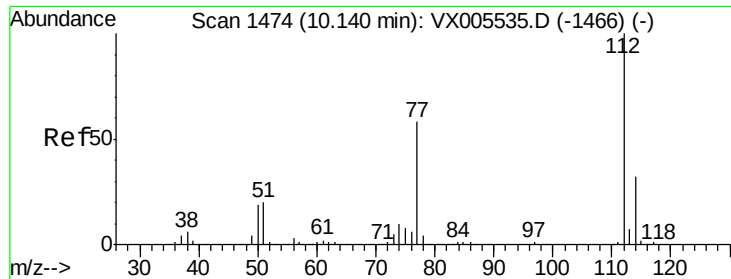
Tot Ion:117 Resp: 288085
Ion Ratio Lower Upper
117 100
82 55.0 44.1 66.1
119 32.4 26.2 39.2



#64
Tetrachloroethene
Concen: 21.082 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion:164 Resp: 50417
Ion Ratio Lower Upper
164 100
166 126.4 101.9 152.9
129 90.2 72.6 109.0
131 88.0 71.1 106.7

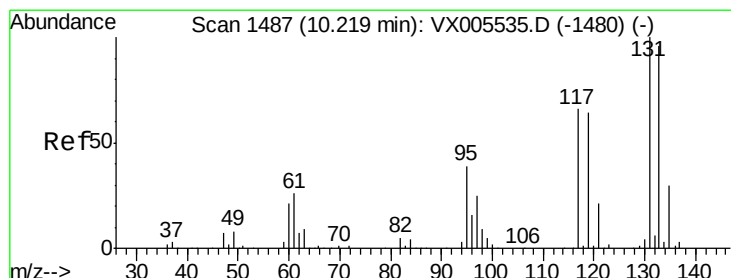
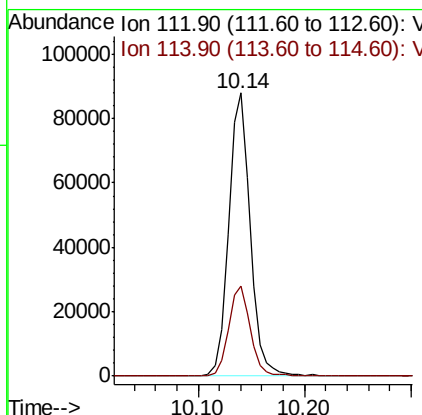
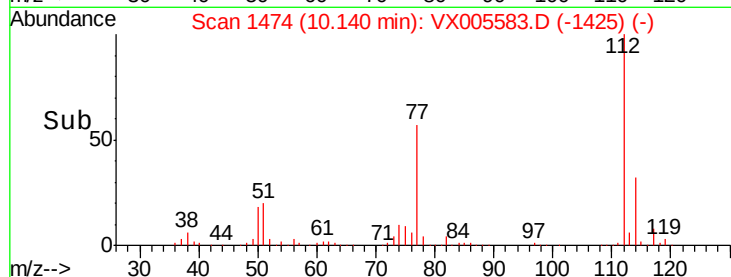
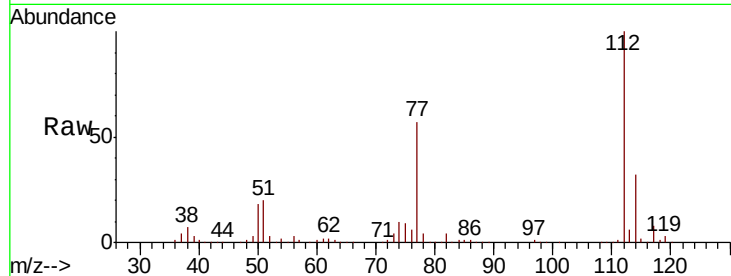




#65
Chlorobenzene
Concen: 20.262 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

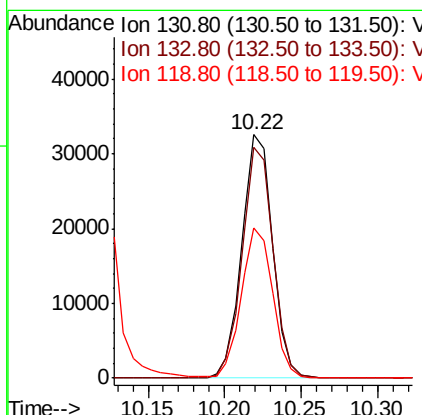
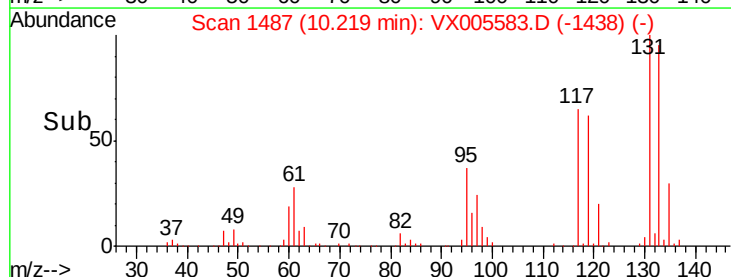
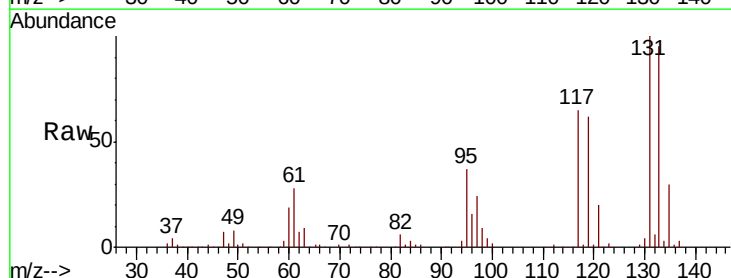
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

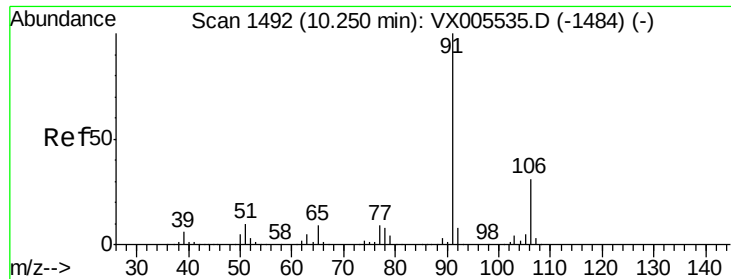
Tot Ion:112 Resp: 124299
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.270 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion:131 Resp: 45342
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 63.3 31.8 95.3





#67

Ethyl Benzene

Concen: 20.502 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampled :

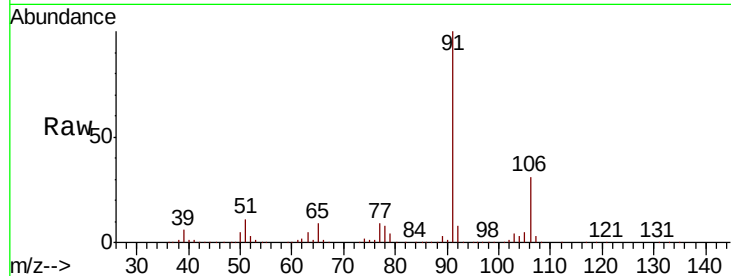
VX1025WBS01

Tot Ion: 91 Resp: 206929

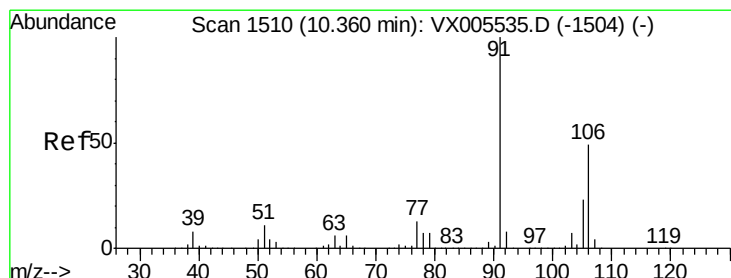
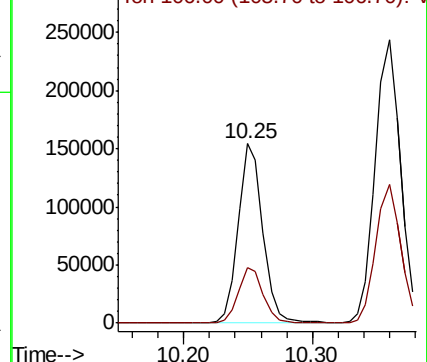
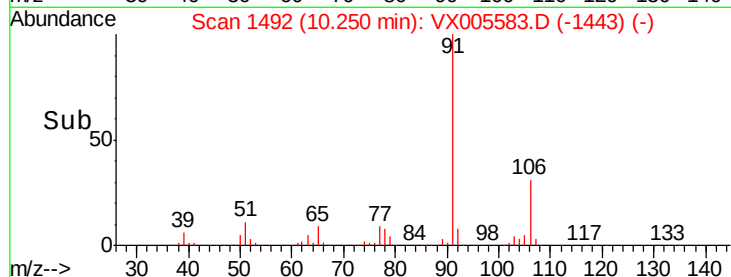
Ion Ratio Lower Upper

91 100

106 30.9 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005583.D (-1443) (-)



#68

m/p-Xylenes

Concen: 41.704 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005583.D

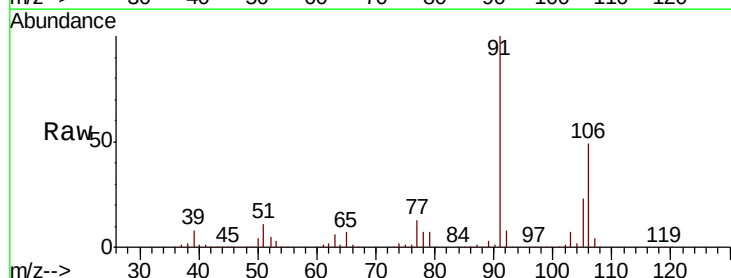
Acq: 25 Oct 2018 12:30

Tgt Ion: 106 Resp: 163308

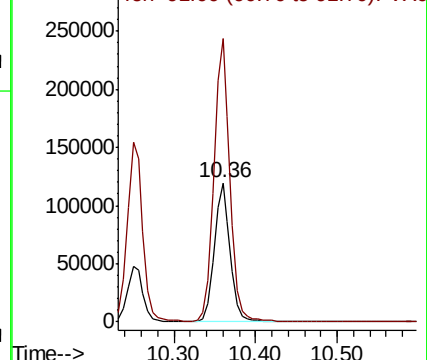
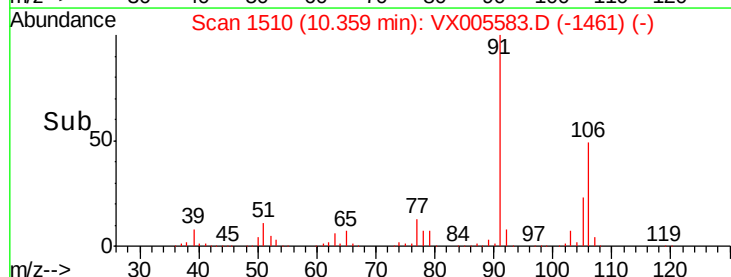
Ion Ratio Lower Upper

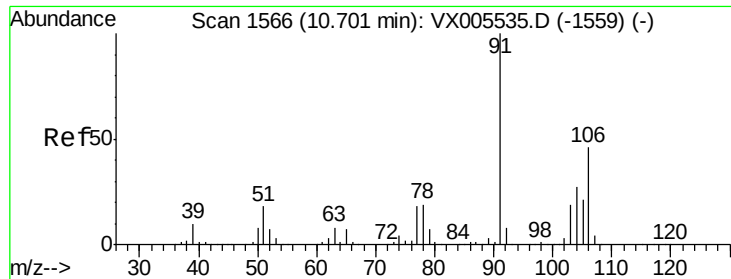
106 100

91 206.7 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005583.D (-1461) (-)

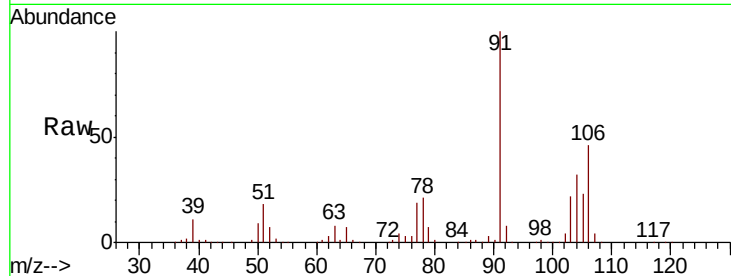




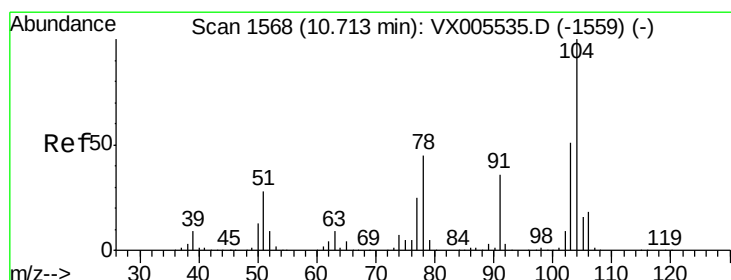
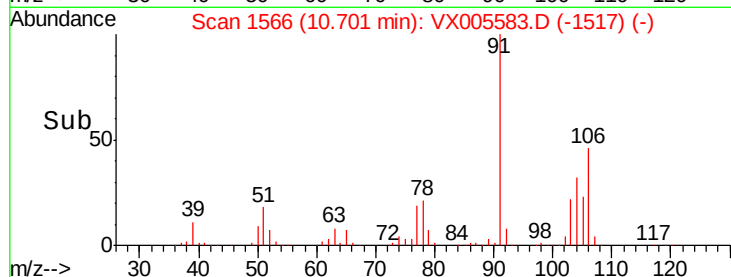
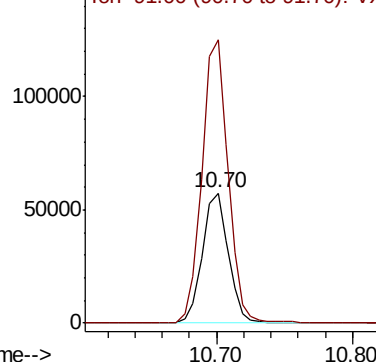
#69
o-Xylene
Concen: 20.702 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampled :
VX1025WBS01

Tot Ion:106 Resp: 76268
Ion Ratio Lower Upper
106 100
91 220.4 108.5 325.5

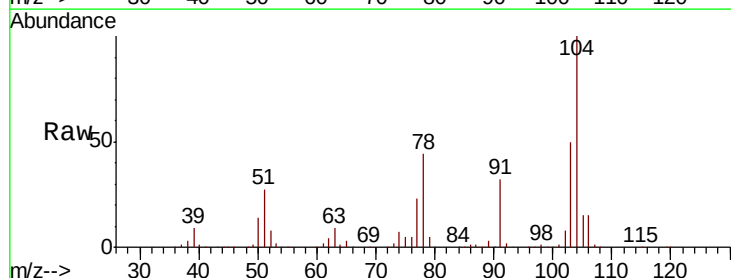


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

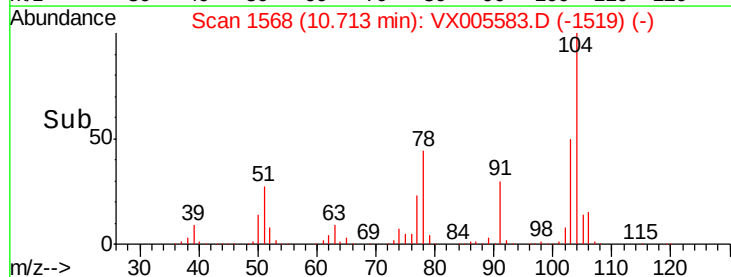
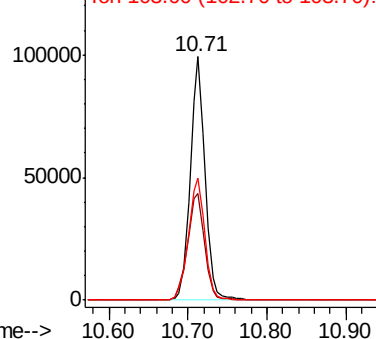


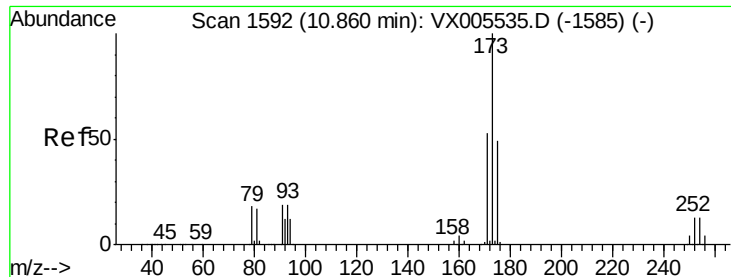
#70
Styrene
Concen: 21.037 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion:104 Resp: 129739
Ion Ratio Lower Upper
104 100
78 50.7 40.2 60.4
103 55.9 44.9 67.3



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

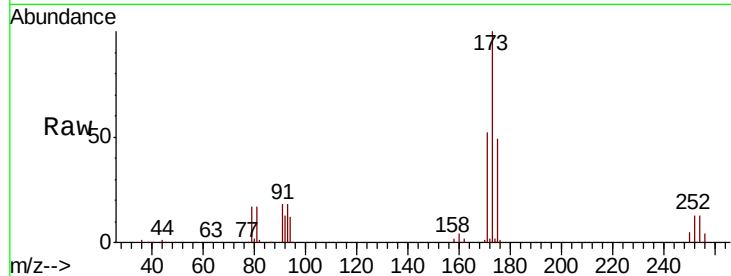




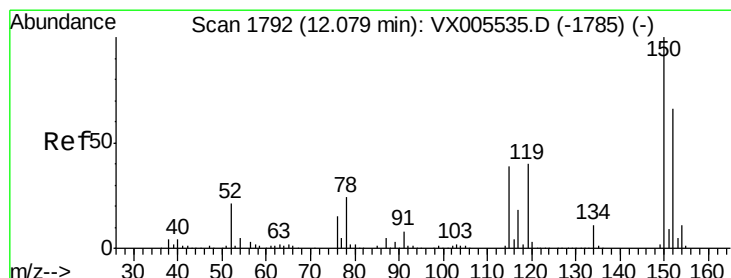
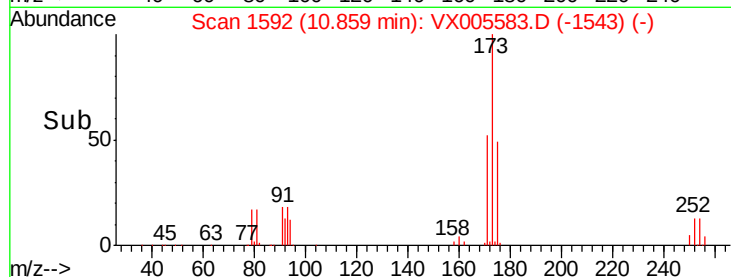
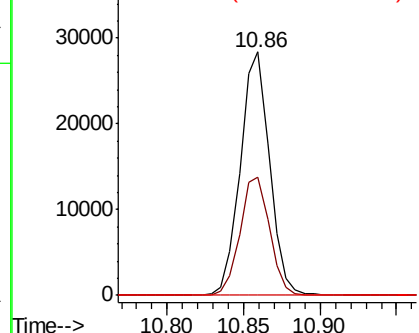
#71
Bromoform
Concen: 18.818 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion:173 Resp: 37561
Ion Ratio Lower Upper
173 100
175 49.1 24.8 74.3
254 0.2 0.2 0.2

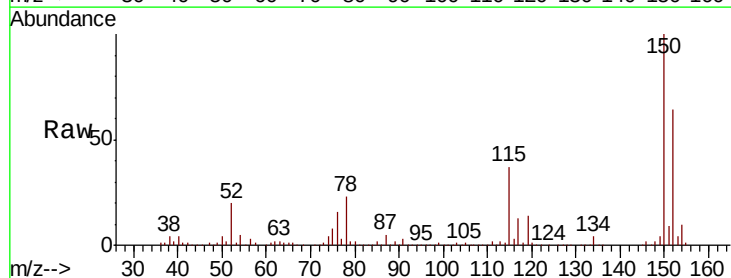


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

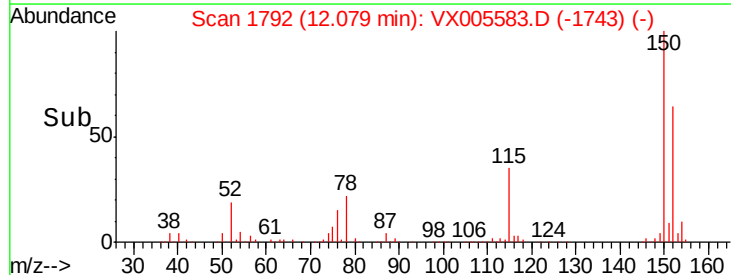
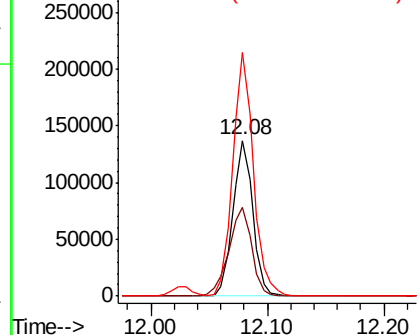


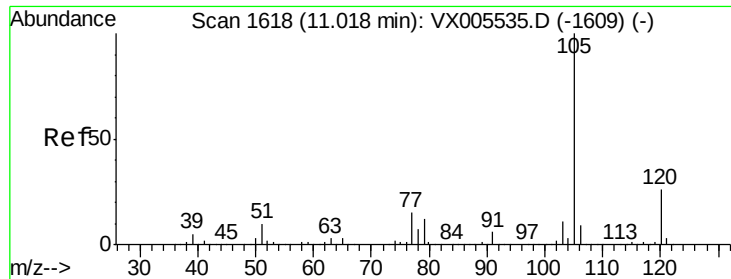
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion:152 Resp: 161703
Ion Ratio Lower Upper
152 100
115 65.4 39.4 118.1
150 162.9 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.495 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

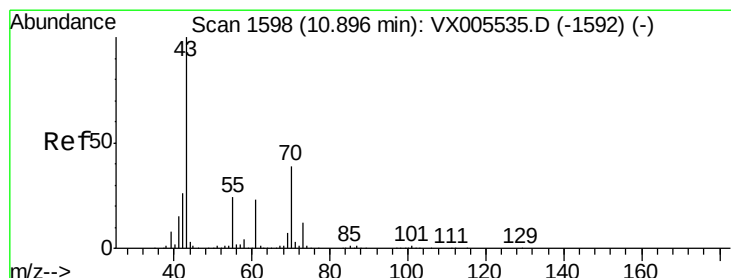
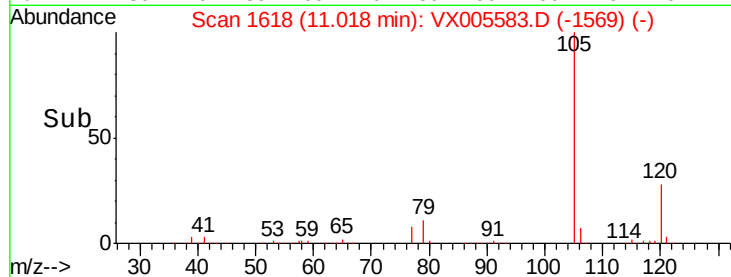
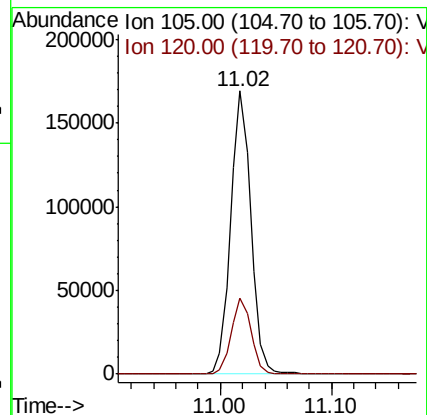
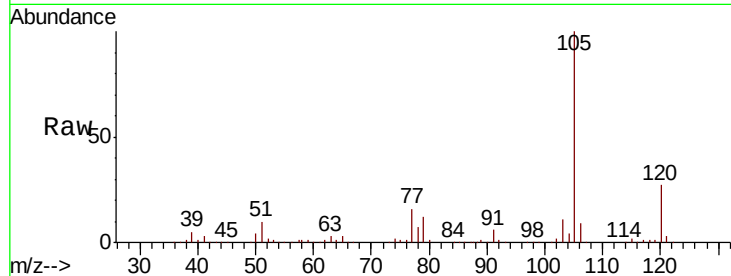
VX1025WBS01

Tot Ion:105 Resp: 212474

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.3



#74

N-ethyl acetate

Concen: 20.107 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Tgt Ion: 43 Resp: 98483

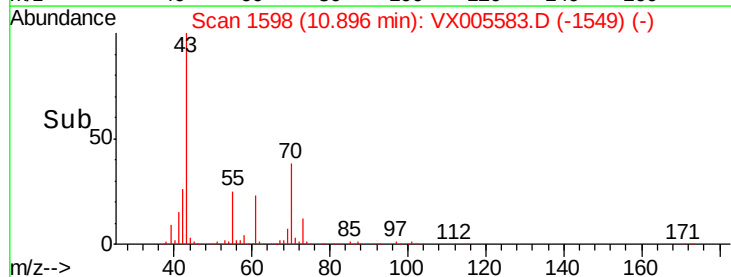
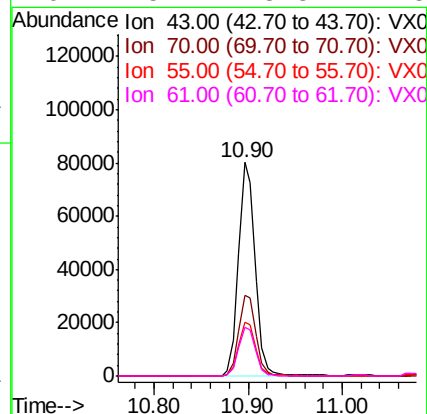
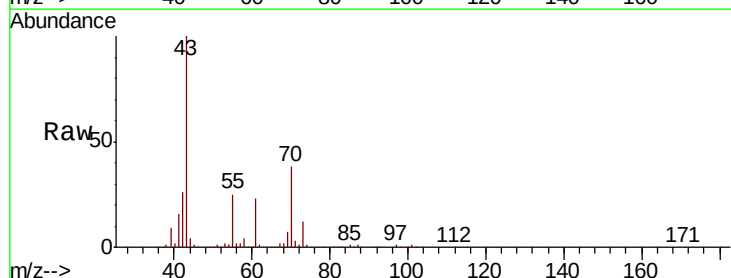
Ion Ratio Lower Upper

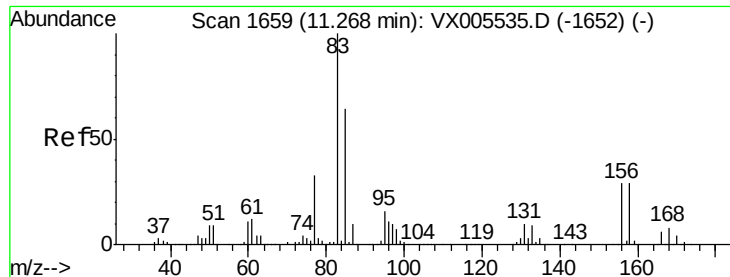
43 100

70 39.3 31.6 47.4

55 25.8 19.7 29.5

61 23.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.756 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

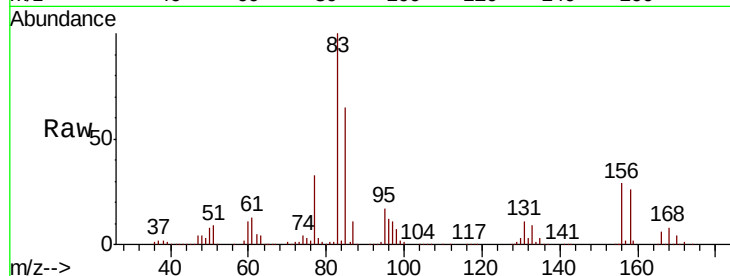
Tot Ion: 83 Resp: 72046

Ion Ratio Lower Upper

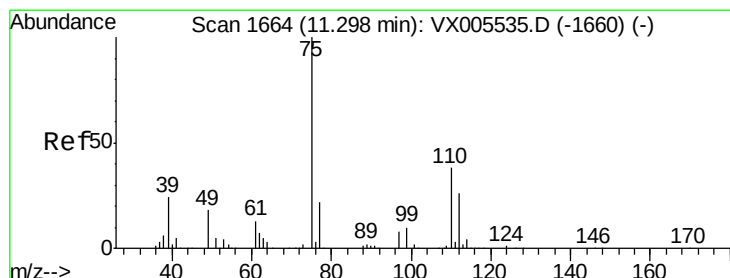
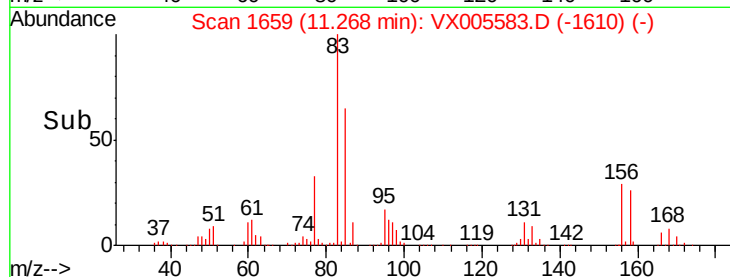
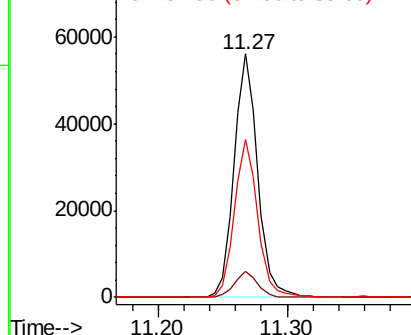
83 100

131 10.2 5.3 15.9

85 63.9 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.834 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005583.D

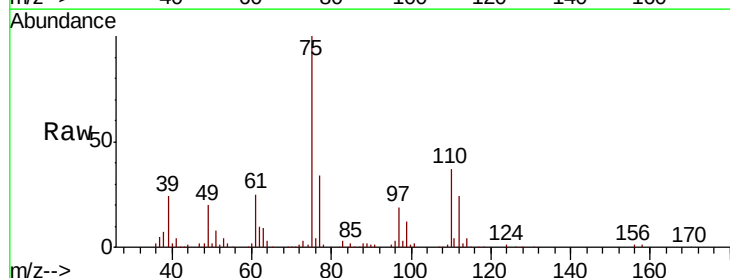
Acq: 25 Oct 2018 12:30

Tgt Ion: 75 Resp: 85084

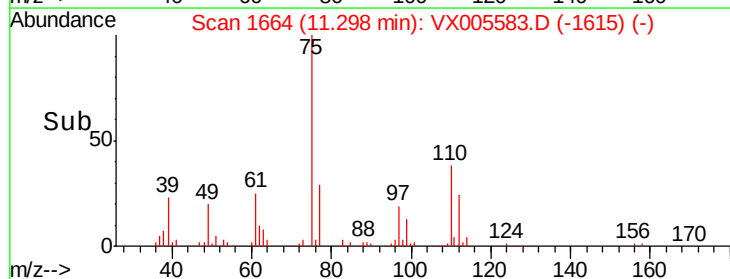
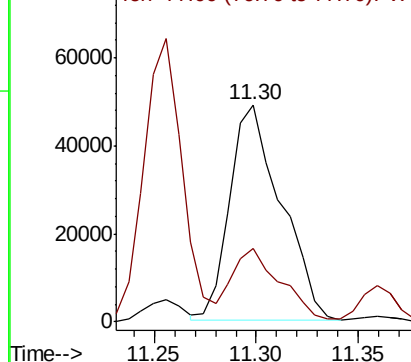
Ion Ratio Lower Upper

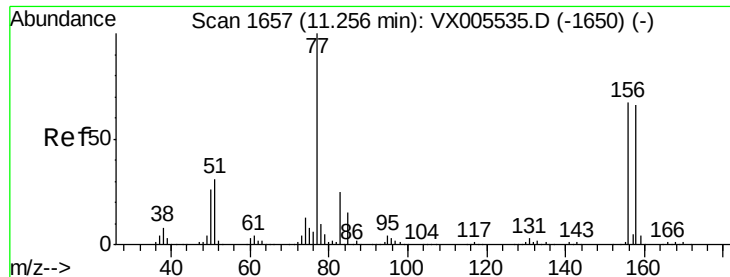
75 100

77 32.1 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.074 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

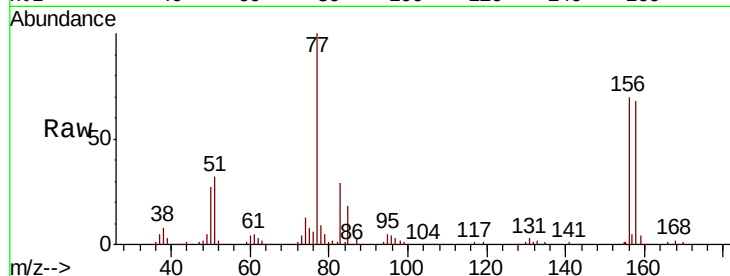
Tot Ion:156 Resp: 58054

Ion Ratio Lower Upper

156 100

77 145.7 74.8 224.4

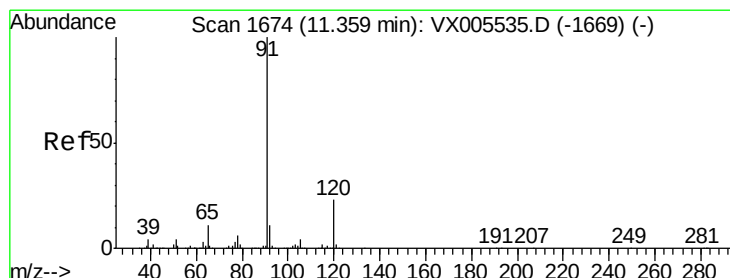
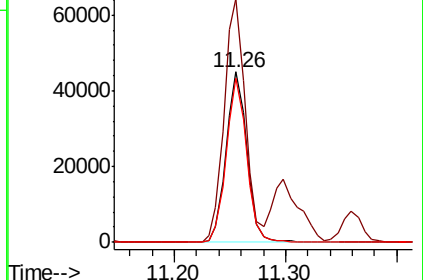
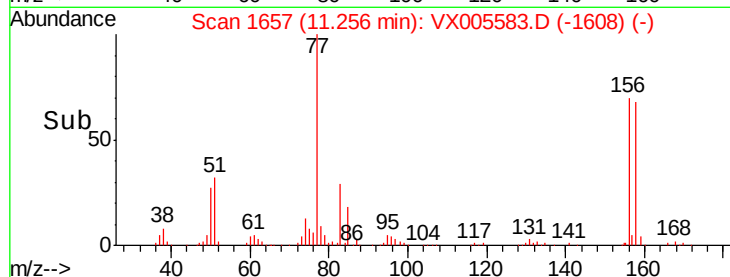
158 94.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.996 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005583.D

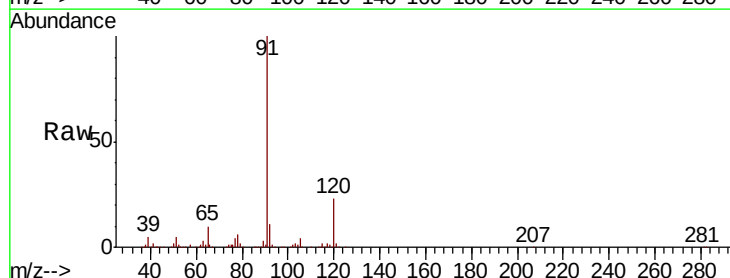
Acq: 25 Oct 2018 12:30

Tgt Ion: 91 Resp: 248617

Ion Ratio Lower Upper

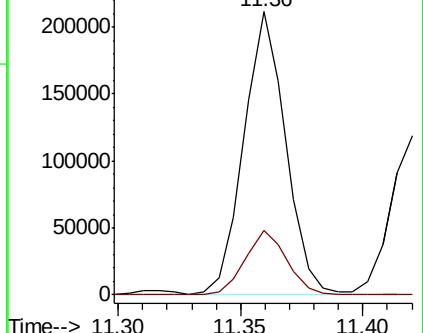
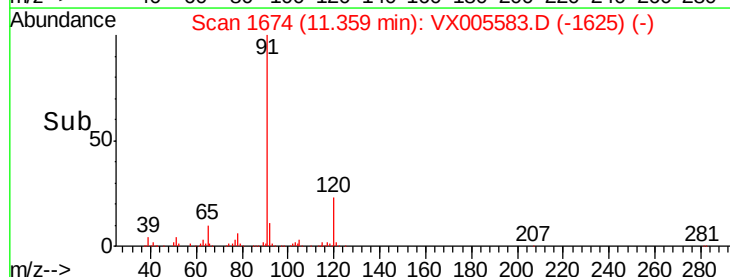
91 100

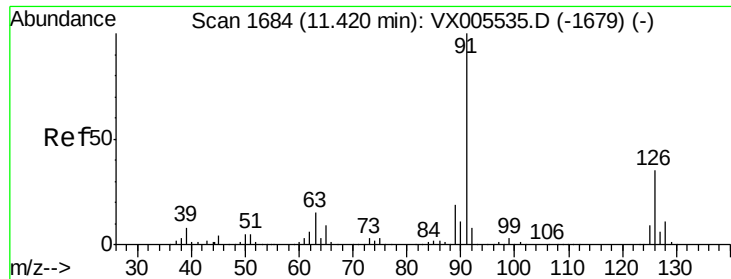
120 23.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.333 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

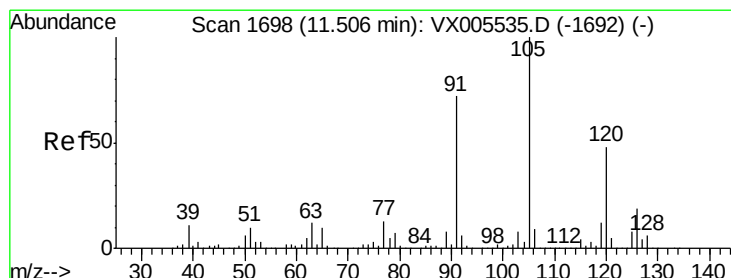
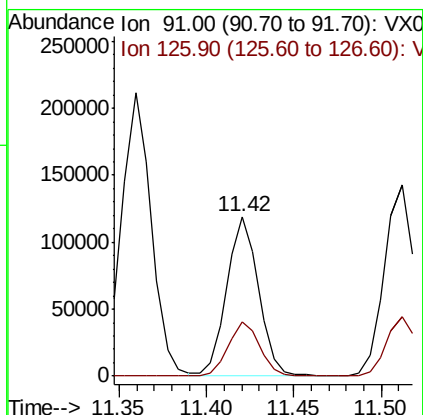
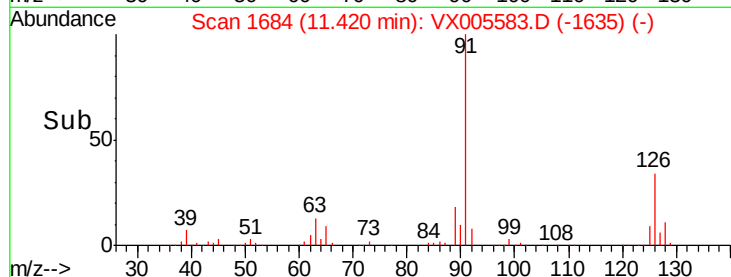
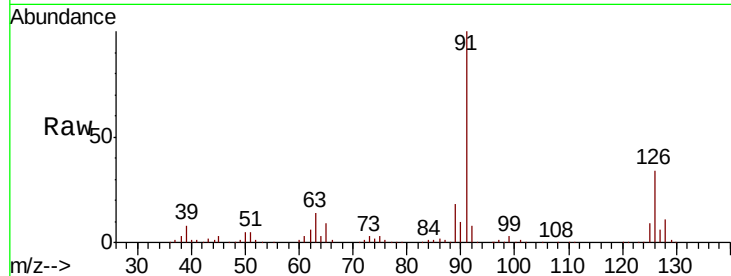
VX1025WBS01

Tot Ion: 91 Resp: 149505

Ion Ratio Lower Upper

91 100

126 34.2 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 21.495 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005583.D

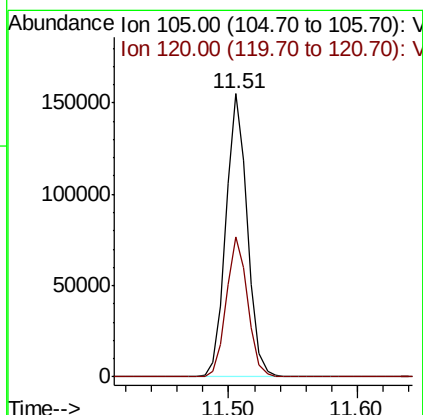
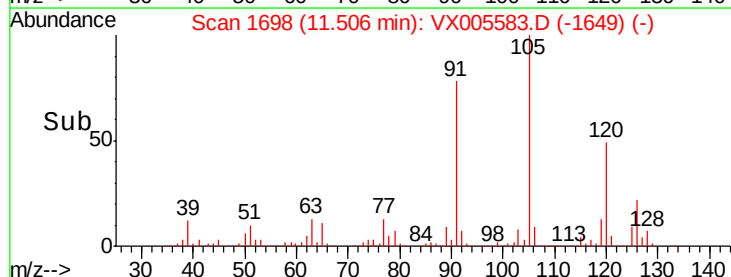
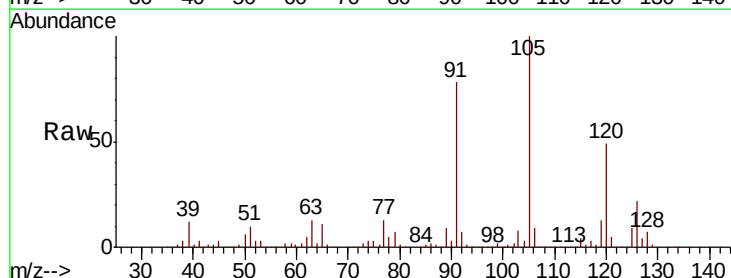
Acq: 25 Oct 2018 12:30

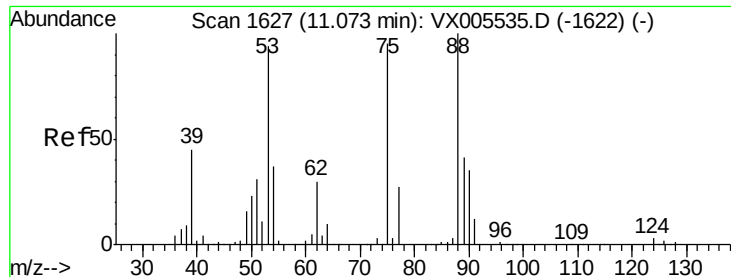
Tgt Ion:105 Resp: 181761

Ion Ratio Lower Upper

105 100

120 49.3 24.1 72.2

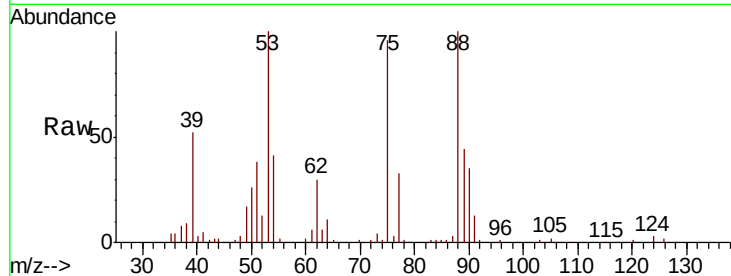




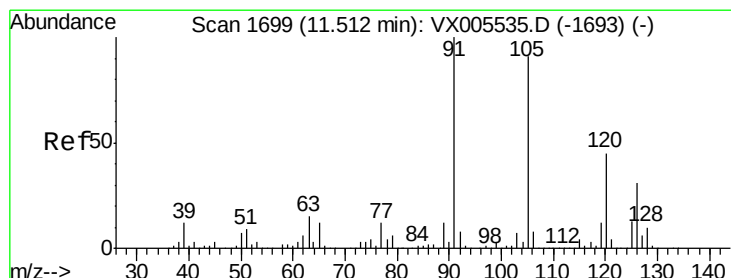
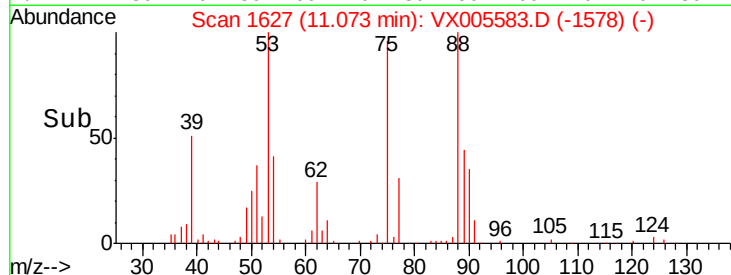
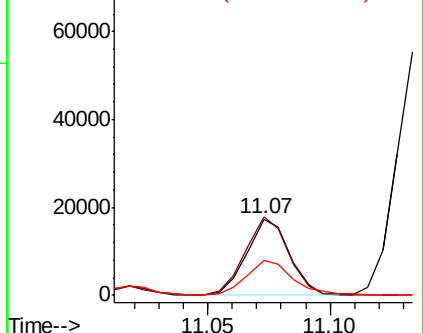
#81
trans-1,4-Dichloro-2-butene
Concen: 19.937 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampled :
VX1025WBS01

Tot Ion: 75 Resp: 20905
Ion Ratio Lower Upper
75 100
53 105.9 80.2 120.2
89 51.1 39.8 59.8

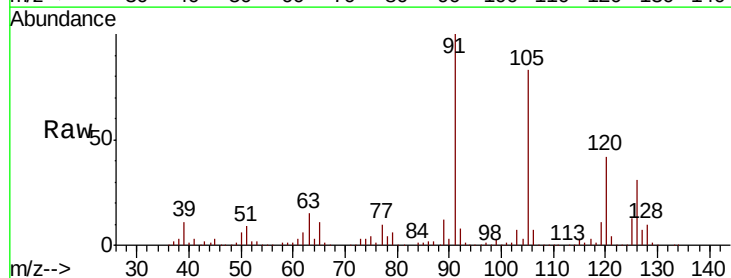


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

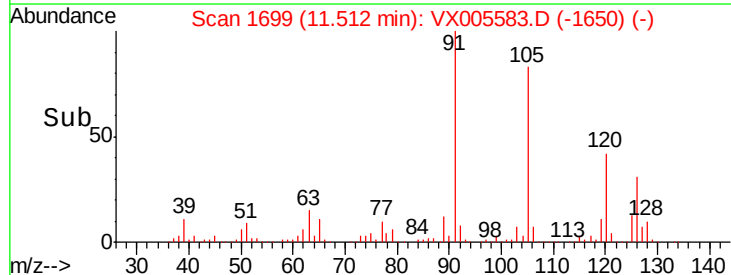
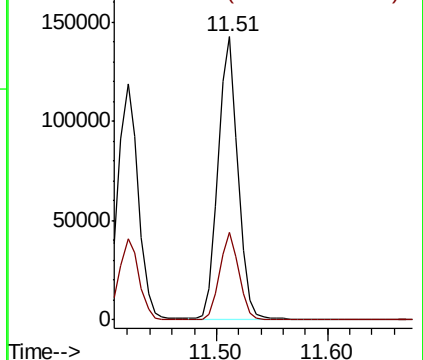


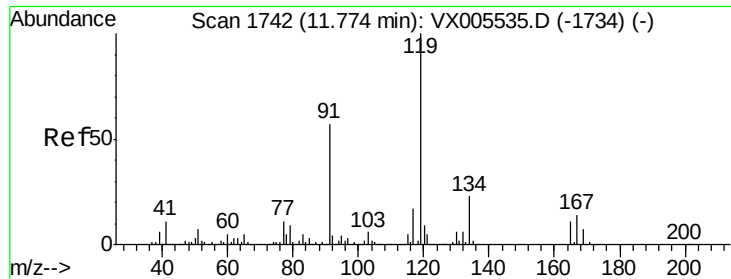
#82
4-Chlorotoluene
Concen: 21.261 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion: 91 Resp: 175696
Ion Ratio Lower Upper
91 100
126 30.2 15.2 45.6



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

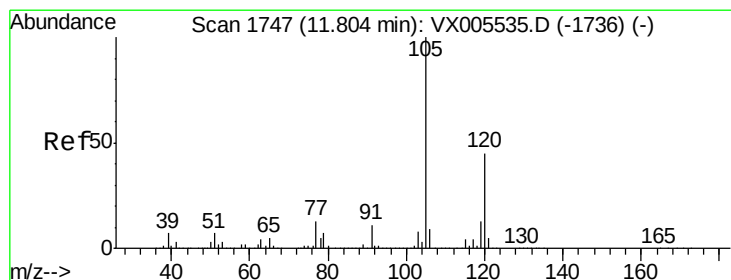
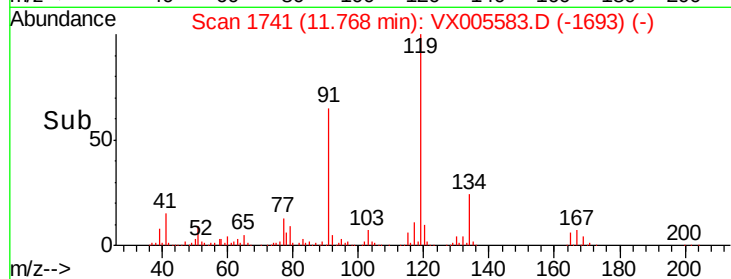
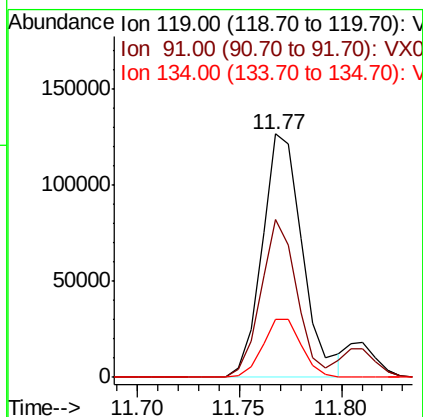
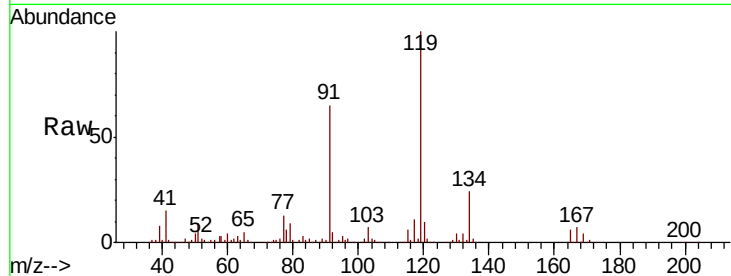




#83
 tert-Butylbenzene
 Concen: 20.696 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

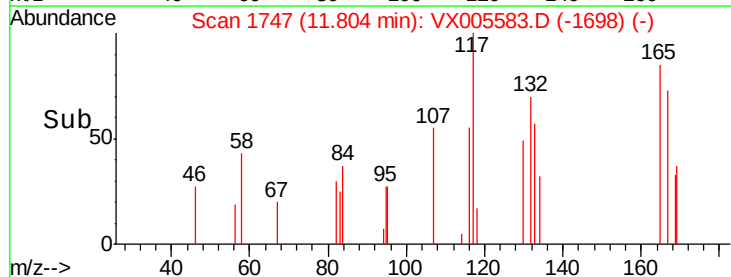
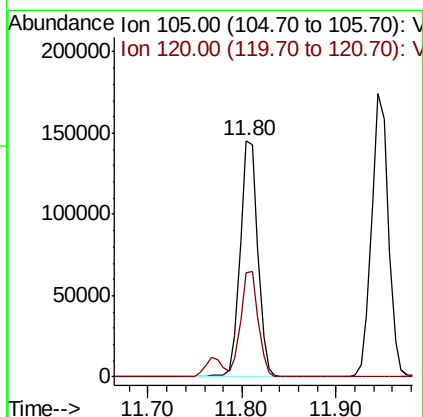
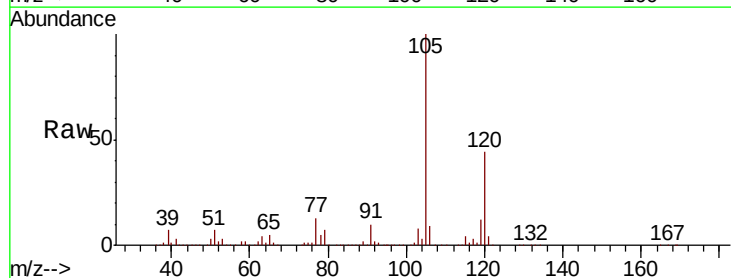
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

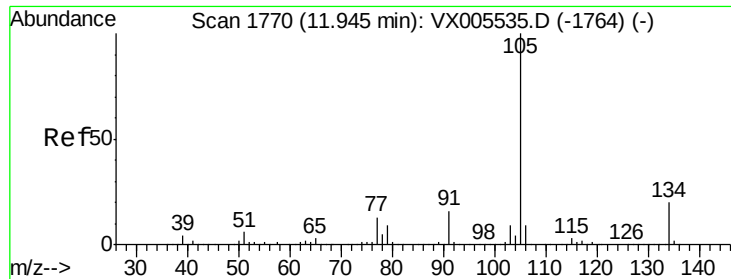
Tot Ion:119 Resp: 174444
 Ion Ratio Lower Upper
 119 100
 91 58.0 28.5 85.5
 134 23.0 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 22.080 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Tgt Ion:105 Resp: 189223
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.4 67.0





#85

sec-Butylbenzene

Concen: 21.502 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

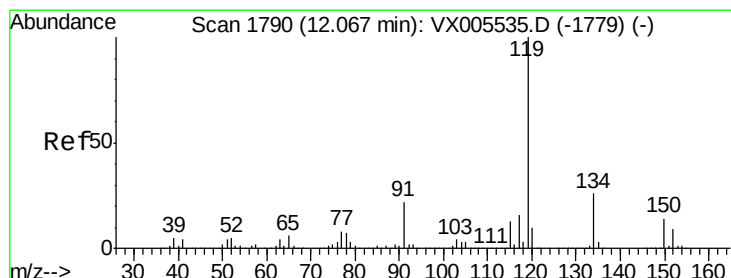
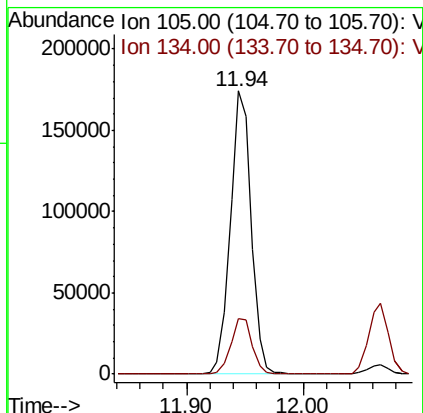
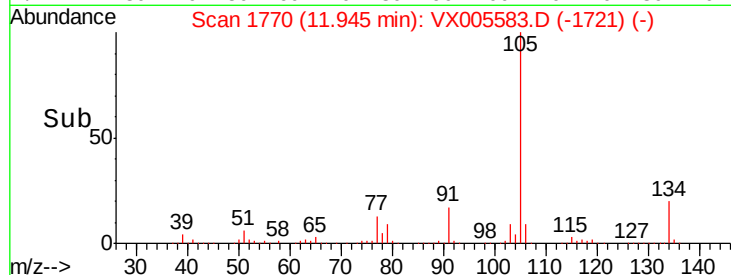
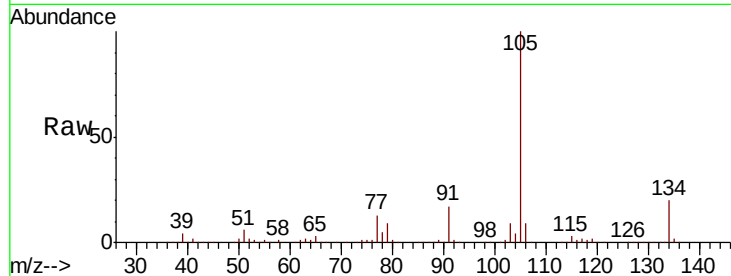
VX1025WBS01

Tot Ion:105 Resp: 216257

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 21.887 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

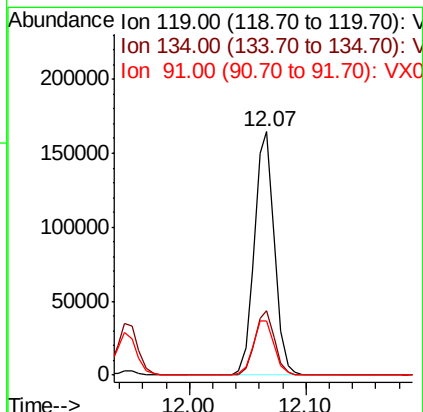
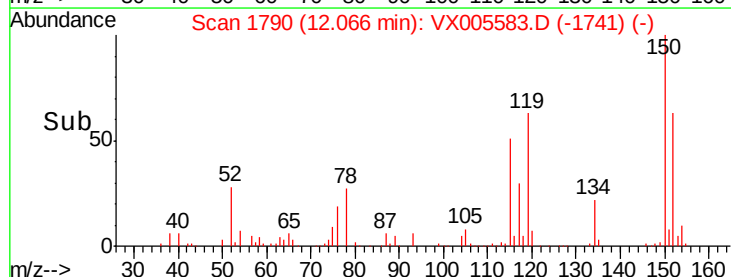
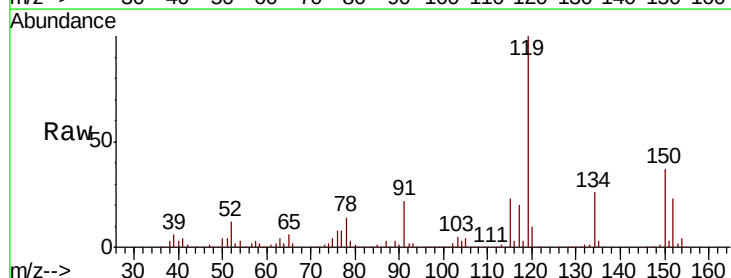
Tgt Ion:119 Resp: 196786

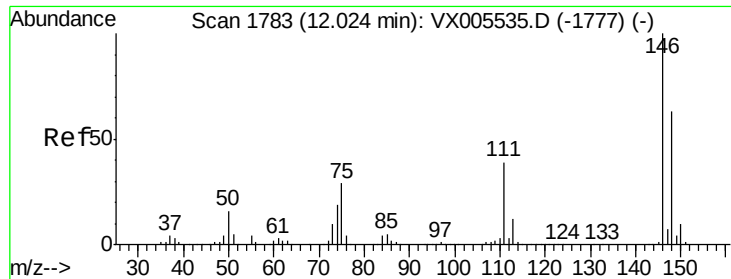
Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 23.5 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 20.421 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

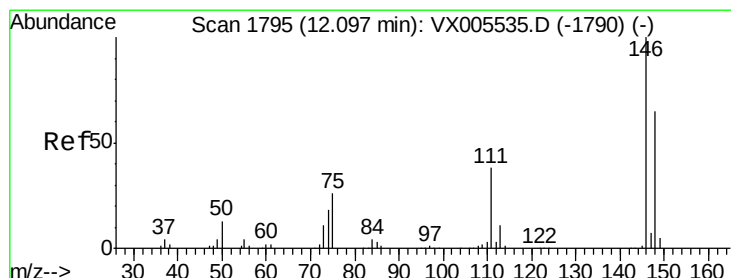
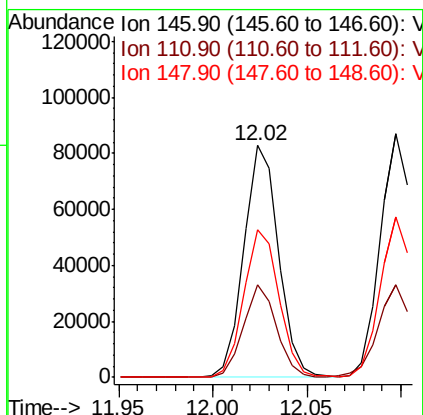
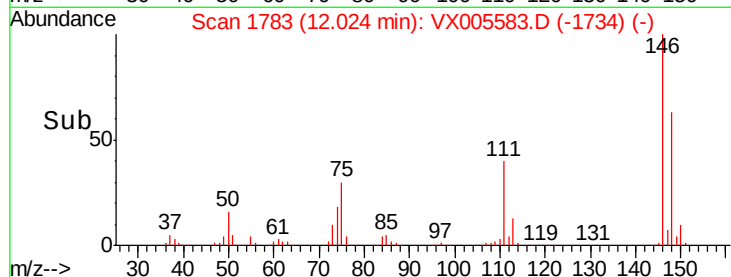
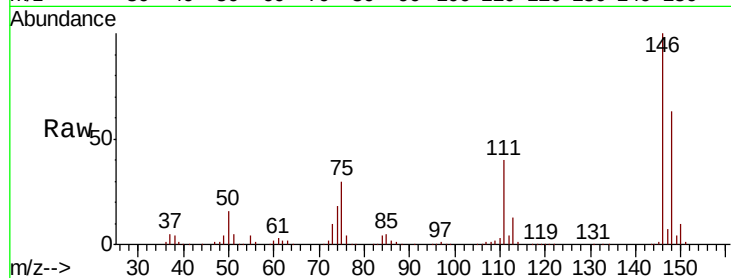
Tot Ion:146 Resp: 105783

Ion Ratio Lower Upper

146 100

111 38.1 19.0 57.0

148 64.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.764 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

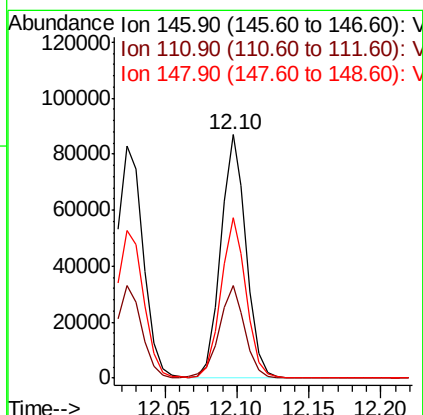
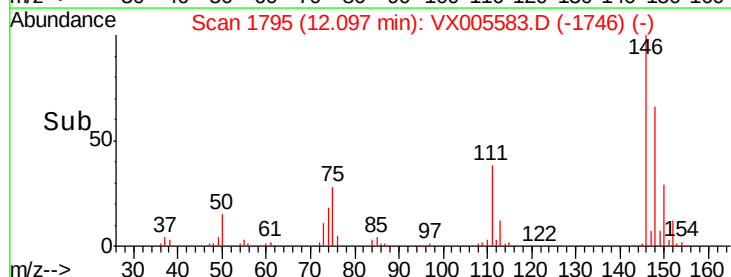
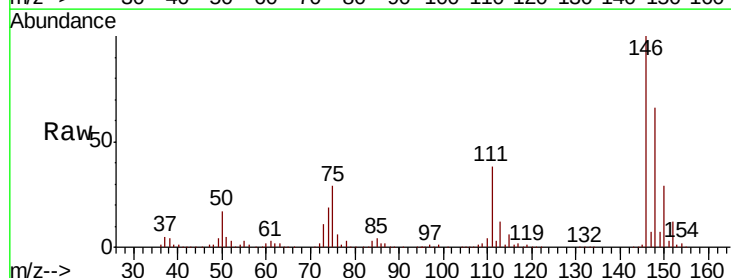
Tgt Ion:146 Resp: 106869

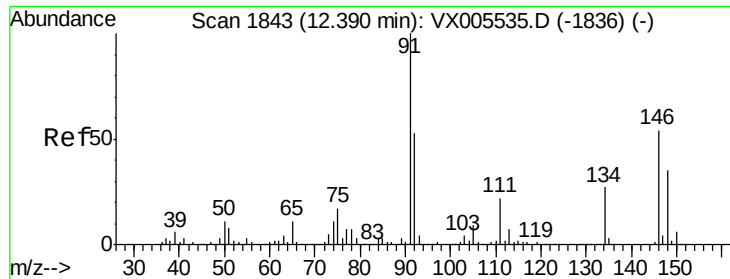
Ion Ratio Lower Upper

146 100

111 39.0 18.6 55.8

148 66.1 32.1 96.3





#89

n-Butylbenzene

Concen: 21.201 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

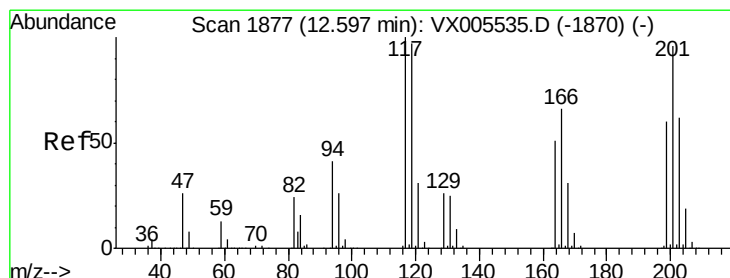
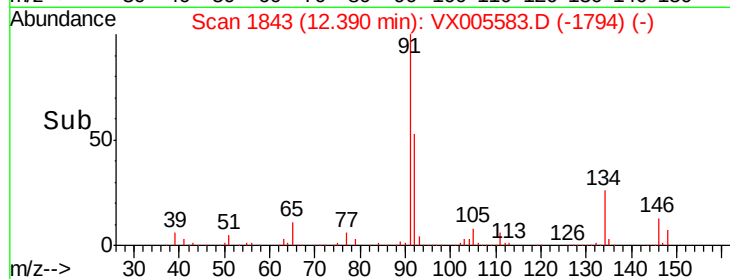
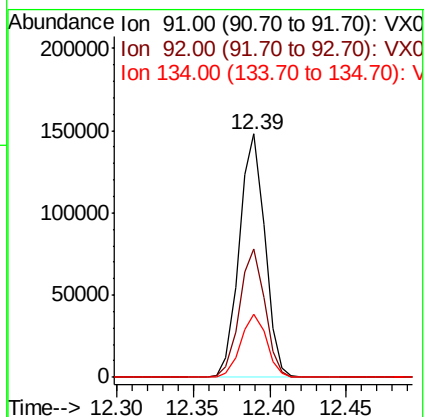
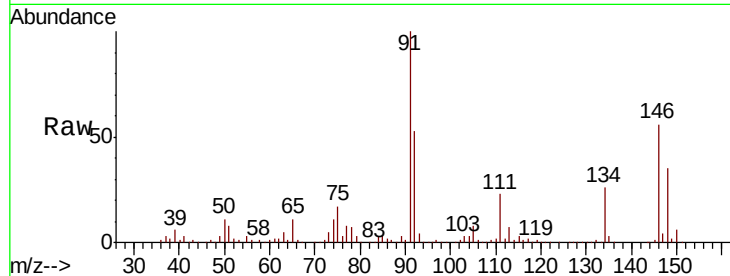
Tot Ion: 91 Resp: 172081

Ion Ratio Lower Upper

91 100

92 52.0 26.1 78.2

134 26.2 13.1 39.3



#90

Hexachloroethane

Concen: 19.804 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005583.D

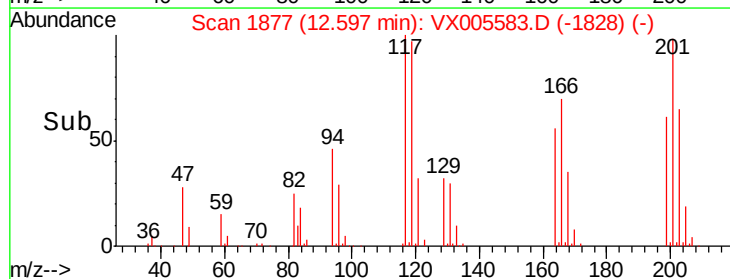
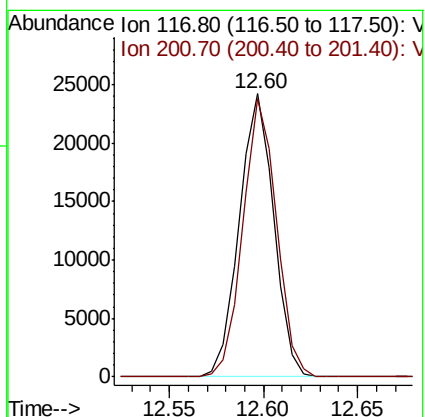
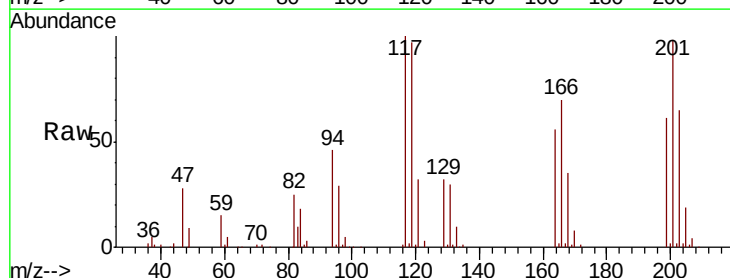
Acq: 25 Oct 2018 12:30

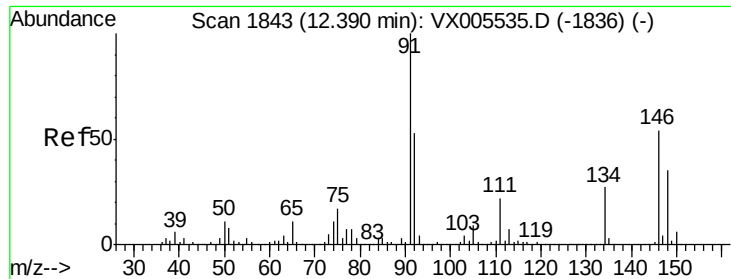
Tgt Ion: 117 Resp: 30710

Ion Ratio Lower Upper

117 100

201 95.9 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 19.935 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampled :

VX1025WBS01

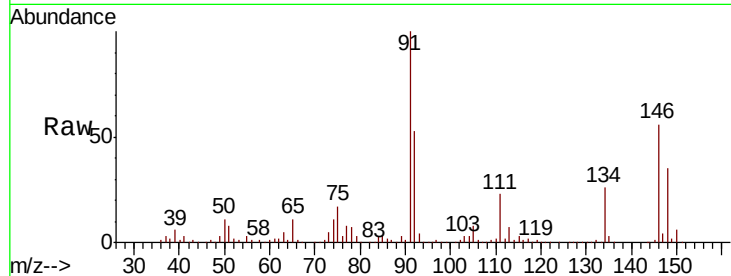
Tot Ion:146 Resp: 104480

Ion Ratio Lower Upper

146 100

111 40.2 20.0 59.9

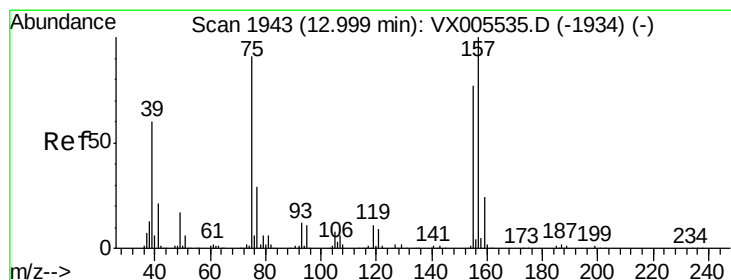
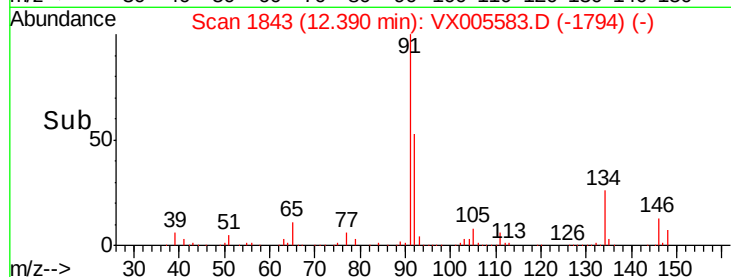
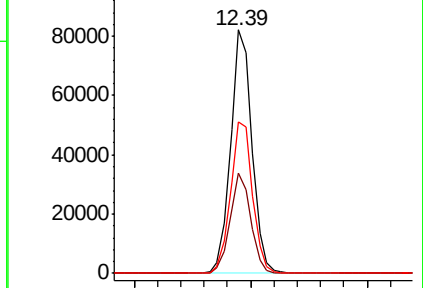
148 64.3 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.718 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

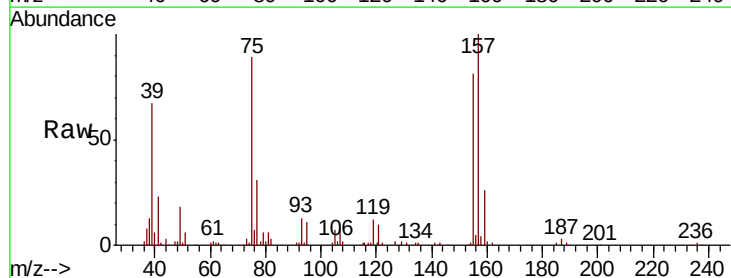
Tgt Ion: 75 Resp: 17386

Ion Ratio Lower Upper

75 100

155 89.9 45.4 136.1

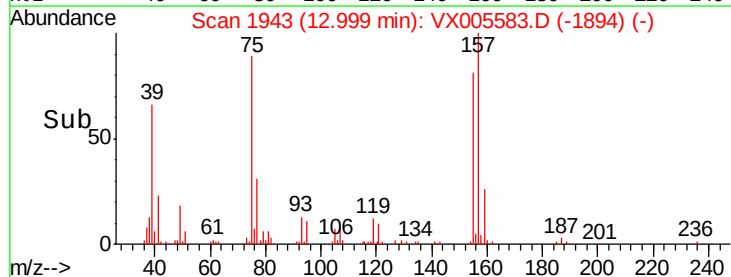
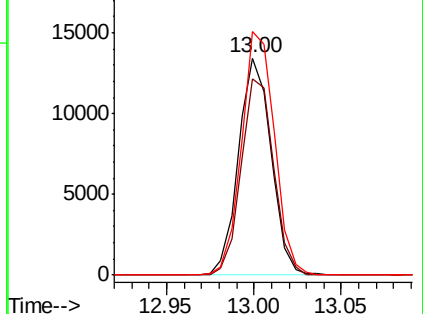
157 113.5 57.4 172.0

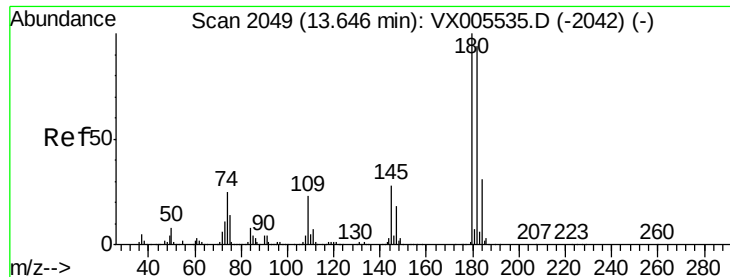


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

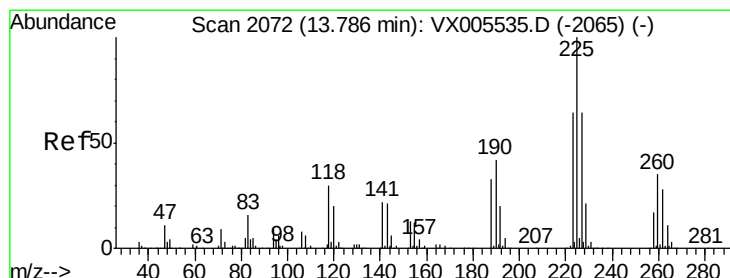
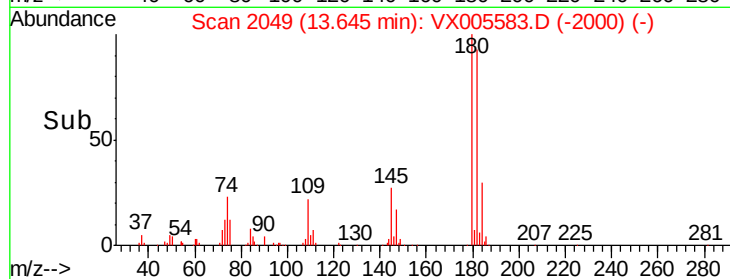
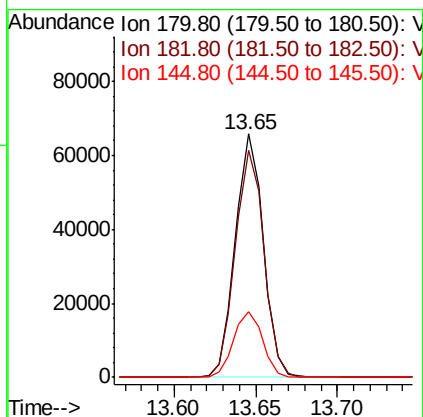
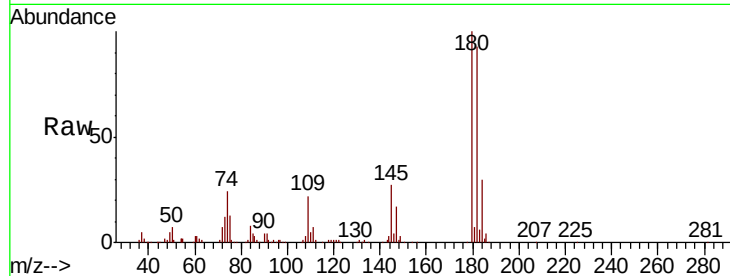




#93
 1,2,4-Trichlorobenzene
 Concen: 20.735 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

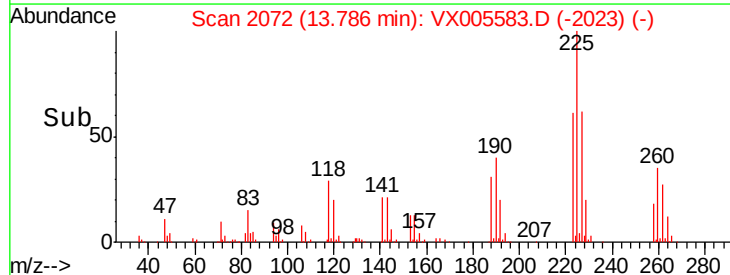
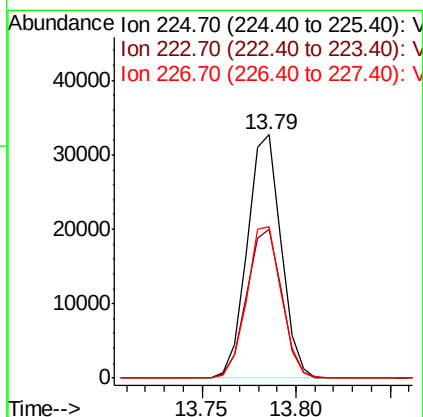
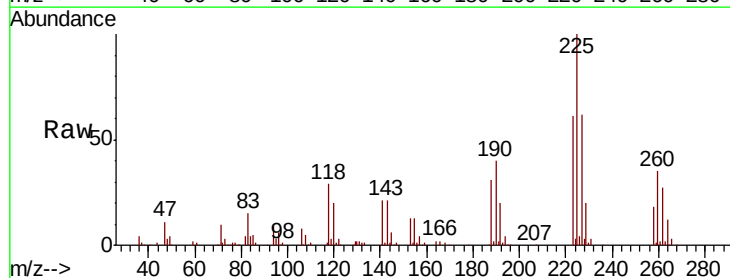
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

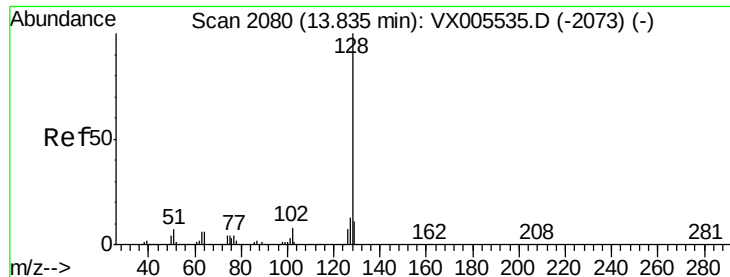
Tot Ion:180 Resp: 78775
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.6 142.8
 145 27.9 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 20.680 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Tgt Ion:225 Resp: 40715
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.7 95.1
 227 63.6 32.3 96.9





#95

Naphthalene

Concen: 21.011 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

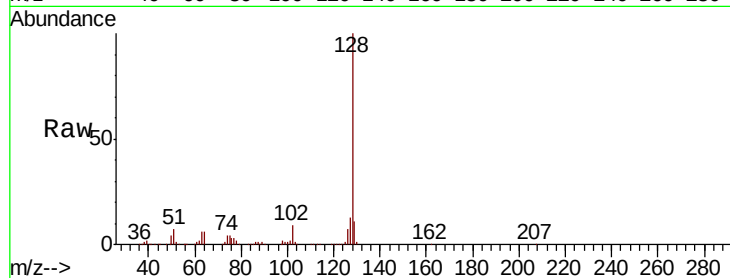
Tot Ion:128 Resp: 232034

Ion Ratio Lower Upper

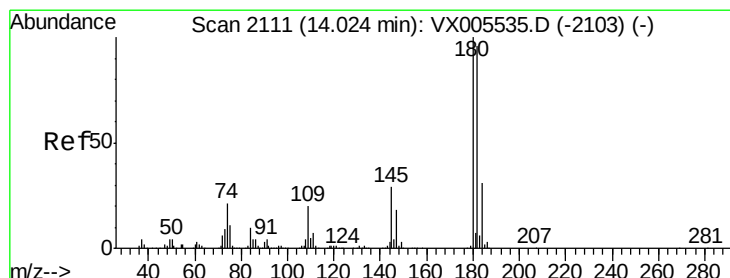
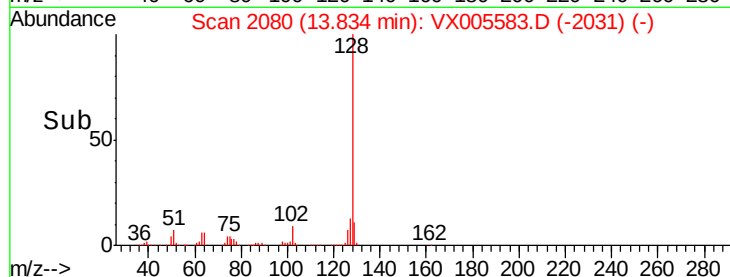
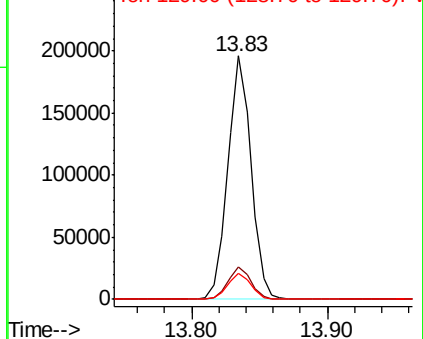
128 100

127 13.2 10.4 15.6

129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.855 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

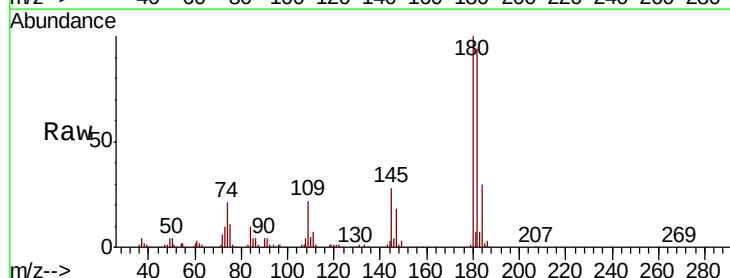
Tgt Ion:180 Resp: 80317

Ion Ratio Lower Upper

180 100

182 95.0 48.0 144.2

145 29.9 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

