

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX053119\
 Data File : VX009975.D
 Acq On : 31 May 2019 10:51
 Operator : JC/SP
 Sample : VX0531WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

Quant Time: May 31 11:11:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 28 13:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	167912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	257834	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117390	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	105569	44.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.02%	
35) Dibromofluoromethane	5.49	113	76779	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
50) Toluene-d8	8.71	98	314884	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.13	95	115347	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	46110	22.472	ug/l	99
3) Chloromethane	1.33	50	54821	19.874	ug/l	99
4) Vinyl Chloride	1.41	62	49021	19.714	ug/l	99
5) Bromomethane	1.64	94	26967	17.899	ug/l	96
6) Chloroethane	1.72	64	27473	17.948	ug/l	98
7) Trichlorofluoromethane	1.93	101	55080	20.045	ug/l	99
8) Diethyl Ether	2.18	74	23307	18.049	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33901	20.435	ug/l	98
10) Methyl Iodide	2.51	142	29636	17.739	ug/l	98
11) Tert butyl alcohol	3.04	59	53875	92.295	ug/l	99
12) 1,1-Dichloroethene	2.37	96	32643	19.196	ug/l	99
13) Acrolein	2.29	56	31034	89.772	ug/l	97
14) Allyl chloride	2.73	41	81363	19.686	ug/l	98
15) Acrylonitrile	3.14	53	132349	94.100	ug/l	99
16) Acetone	2.44	43	138294	100.913	ug/l	97
17) Carbon Disulfide	2.57	76	97873	19.246	ug/l	99
18) Methyl Acetate	2.77	43	61778	19.373	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	123142	19.181	ug/l	98
20) Methylene Chloride	2.85	84	39813	18.971	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	35056	18.528	ug/l	96
22) Diisopropyl ether	3.85	45	156450	19.895	ug/l	98
23) Vinyl Acetate	3.81	43	698353	98.854	ug/l	97
24) 1,1-Dichloroethane	3.70	63	74810	19.630	ug/l	99
25) 2-Butanone	4.67	43	208825	97.805	ug/l	95
26) 2,2-Dichloropropane	4.58	77	55626	19.295	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	40867	18.711	ug/l	96
28) Bromochloromethane	5.01	49	35434	17.917	ug/l	96
29) Tetrahydrofuran	5.13	42	132340	96.658	ug/l	97
30) Chloroform	5.21	83	67095	19.521	ug/l	99
31) Cyclohexane	5.58	56	73245	20.292	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	55665	19.887	ug/l	98
36) 1,1-Dichloropropene	5.79	75	50989	19.491	ug/l	99
37) Ethyl Acetate	4.83	43	75737	20.778	ug/l	99
38) Carbon Tetrachloride	5.78	117	46554	20.594	ug/l	97

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

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

Quant Time: May 31 11:11:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 28 13:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64648	20.834	ug/l	97
40) Benzene	6.14	78	154602	19.922	ug/l	98
41) Methacrylonitrile	5.04	41	43038	20.206	ug/l	98
42) 1,2-Dichloroethane	6.19	62	57399	20.007	ug/l	99
43) Isopropyl Acetate	6.44	43	111007	18.874	ug/l	100
44) Trichloroethene	7.21	130	37089	19.676	ug/l	96
45) 1,2-Dichloropropane	7.51	63	43492	19.469	ug/l	100
46) Dibromomethane	7.66	93	25434	19.342	ug/l	99
47) Bromodichloromethane	7.90	83	50420	20.164	ug/l	98
48) Methyl methacrylate	7.77	41	56428	19.381	ug/l	97
49) 1,4-Dioxane	7.74	88	20892	385.761	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	376152	98.314	ug/l	98
52) Toluene	8.78	92	96932	20.572	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	57916	19.313	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	63686	19.491	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	37817	19.941	ug/l	98
56) Ethyl methacrylate	9.18	69	66792	19.783	ug/l	94
57) 1,3-Dichloropropane	9.37	76	67200	19.731	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	166331	93.950	ug/l	99
59) 2-Hexanone	9.49	43	302782	102.789	ug/l	97
60) Dibromochloromethane	9.58	129	37475	20.088	ug/l	99
61) 1,2-Dibromoethane	9.67	107	38774	19.901	ug/l	100
64) Tetrachloroethene	9.34	164	34896	21.074	ug/l	98
65) Chlorobenzene	10.13	112	100882	20.327	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	35027	20.349	ug/l	100
67) Ethyl Benzene	10.25	91	185912	20.863	ug/l	100
68) m/p-Xylenes	10.36	106	134160	40.753	ug/l	96
69) o-Xylene	10.69	106	65165	20.640	ug/l	99
70) Styrene	10.71	104	114098	20.610	ug/l	99
71) Bromoform	10.85	173	28148	20.005	ug/l #	100
73) Isopropylbenzene	11.02	105	176094	20.331	ug/l	99
74) N-amyl acetate	10.90	43	105073	20.302	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	64748	20.038	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	76043	22.883	ug/l	81
77) Bromobenzene	11.25	156	42636	19.316	ug/l	98
78) n-propylbenzene	11.36	91	207267	20.761	ug/l	100
79) 2-Chlorotoluene	11.42	91	120763	19.798	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	150225	20.588	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	21215	18.698	ug/l	94
82) 4-Chlorotoluene	11.51	91	142332	20.045	ug/l	98
83) tert-Butylbenzene	11.77	119	141134	20.217	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	150734	20.341	ug/l	100
85) sec-Butylbenzene	11.94	105	172339	20.751	ug/l	99
86) p-Isopropyltoluene	12.06	119	156541	20.956	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	77320	19.676	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	77434	19.321	ug/l	98
89) n-Butylbenzene	12.38	91	146353	20.847	ug/l	100
90) Hexachloroethane	12.60	117	26380	20.578	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	77219	19.931	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14827	19.494	ug/l	94

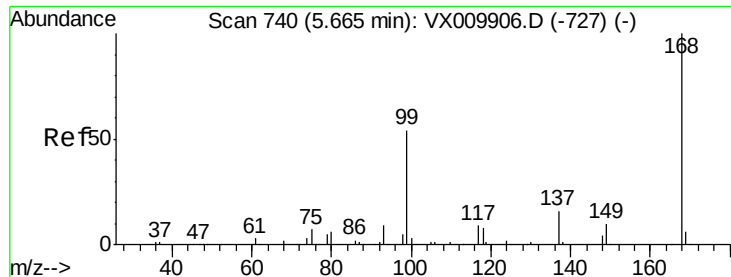
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX053119\
Data File : VX009975.D
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Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

Quant Time: May 31 11:11:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Tue May 28 13:02:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56393	20.368	ug/l	98
94) Hexachlorobutadiene	13.78	225	29292	21.093	ug/l	99
95) Naphthalene	13.83	128	170435	19.781	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	55250	19.935	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: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

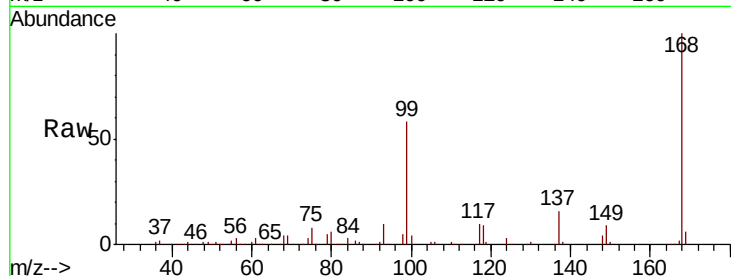
VX0531WBS01

Tgt Ion:168 Resp: 167912

Ion Ratio Lower Upper

168 100

99 57.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

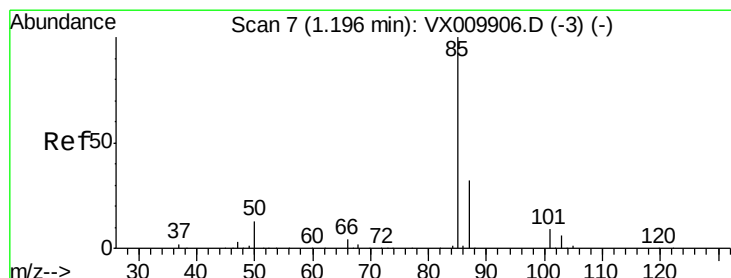
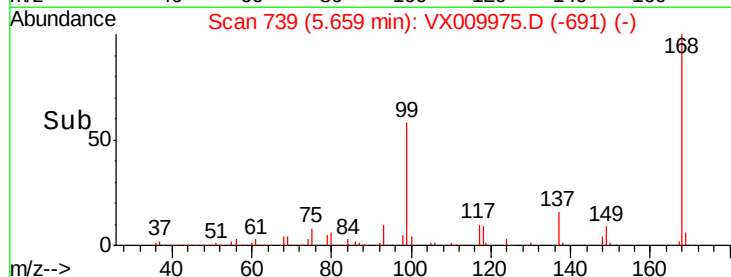
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 22.472 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009975.D

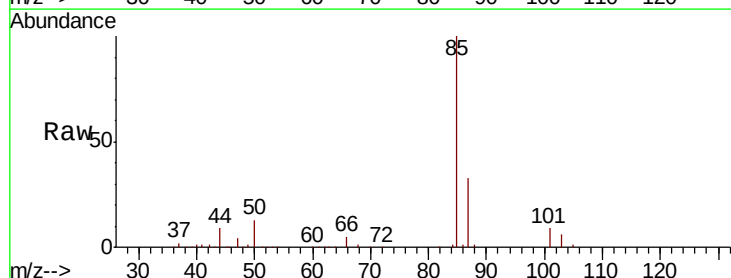
Acq: 31 May 2019 10:51

Tgt Ion: 85 Resp: 46110

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

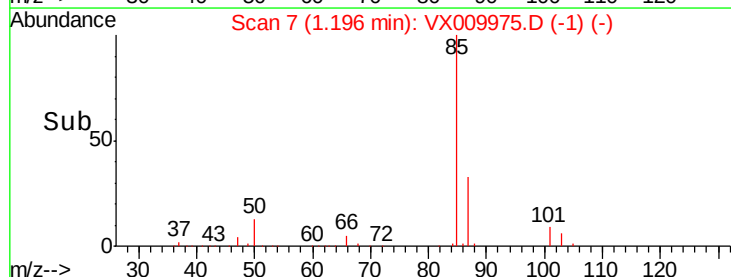
30000

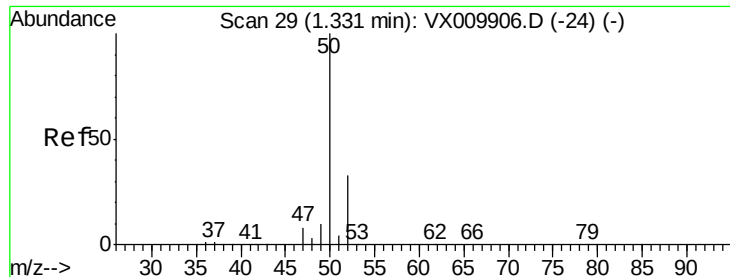
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.874 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

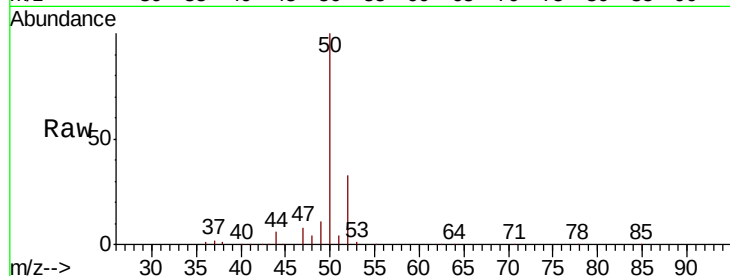
VX0531WBS01

Tgt Ion: 50 Resp: 54821

Ion Ratio Lower Upper

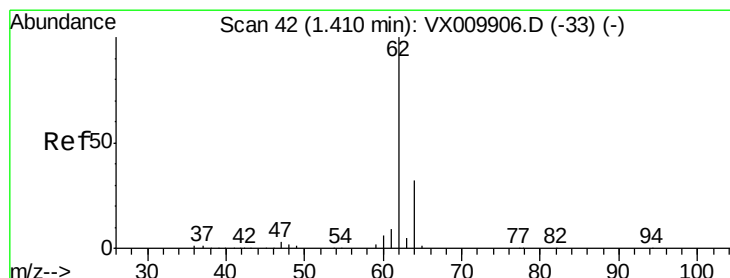
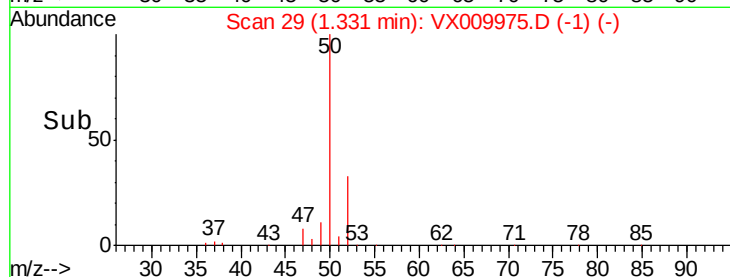
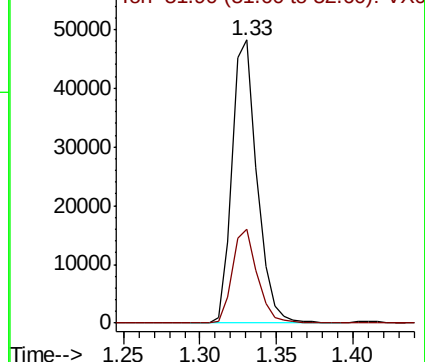
50 100

52 33.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.714 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009975.D

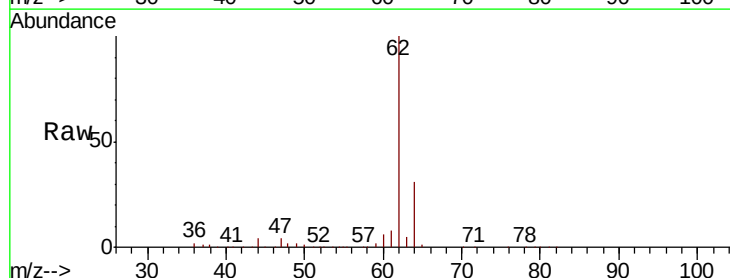
Acq: 31 May 2019 10:51

Tgt Ion: 62 Resp: 49021

Ion Ratio Lower Upper

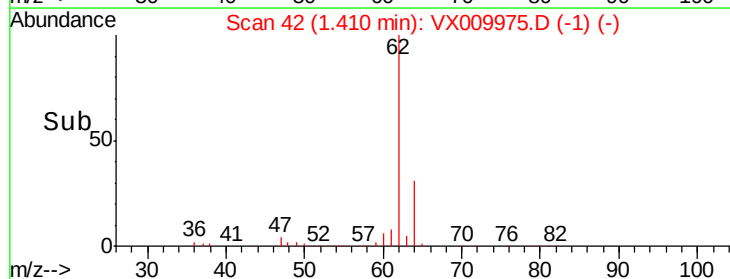
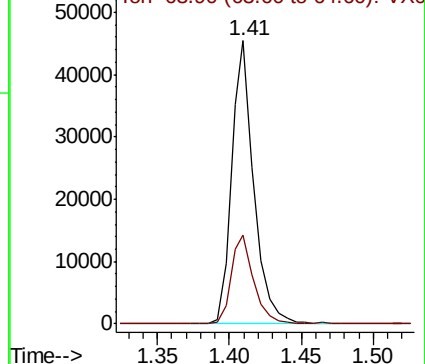
62 100

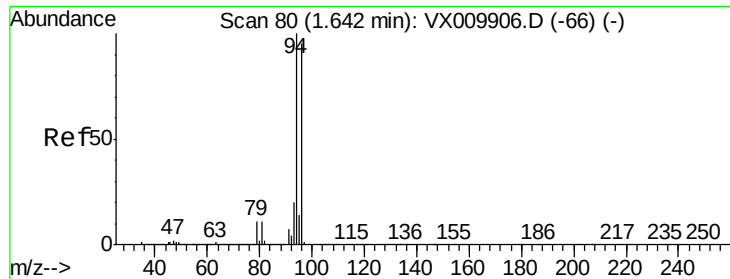
64 31.2 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.899 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

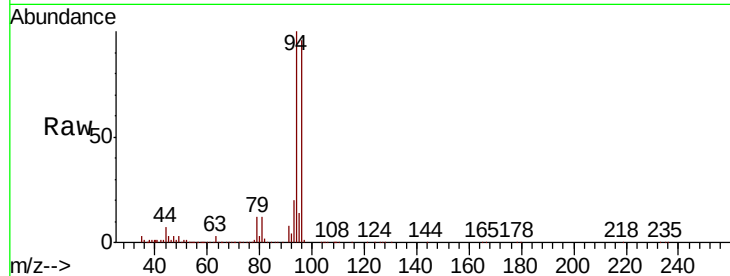
VX0531WBS01

Tgt Ion: 94 Resp: 26967

Ion Ratio Lower Upper

94 100

96 95.5 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

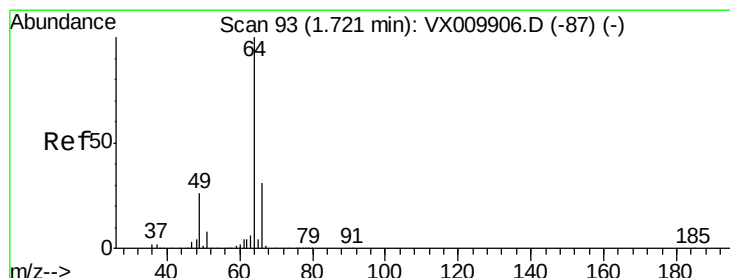
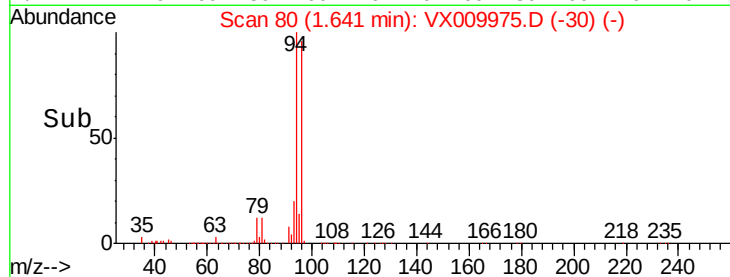
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 17.948 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009975.D

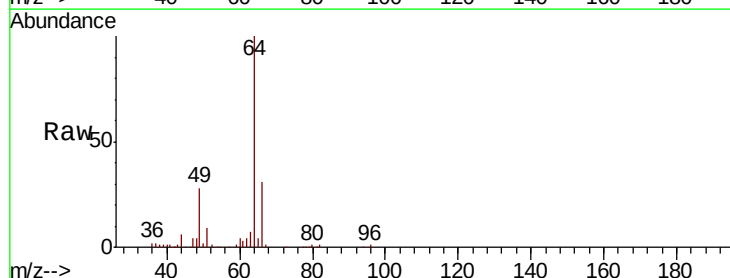
Acq: 31 May 2019 10:51

Tgt Ion: 64 Resp: 27473

Ion Ratio Lower Upper

64 100

66 30.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

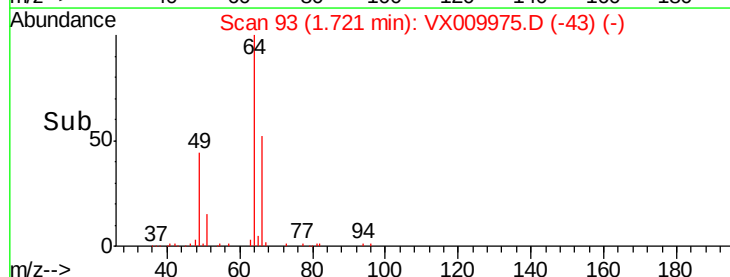
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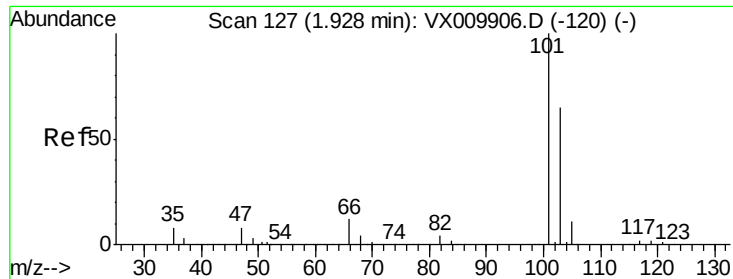
5000

0

Time-->

1.65 1.70 1.75 1.80



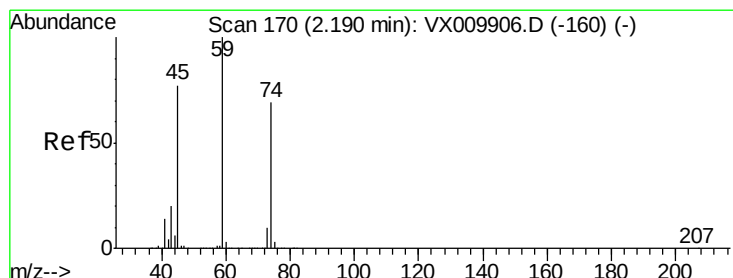
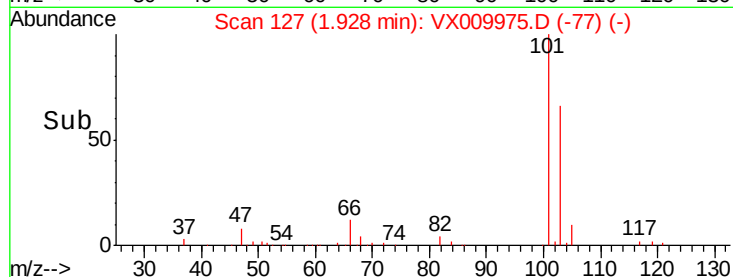
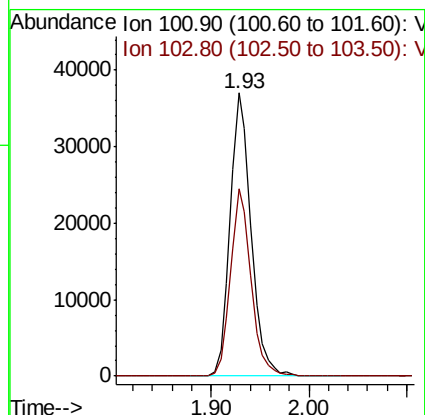
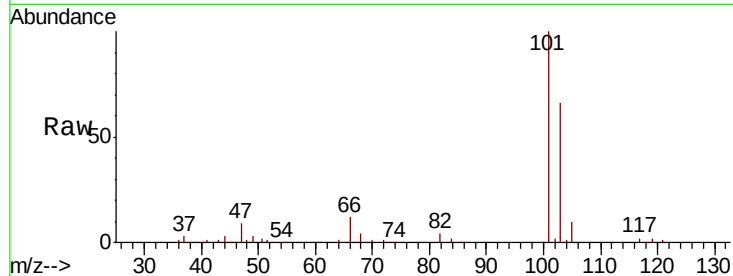


#7

Trichlorofluoromethane
Concen: 20.045 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

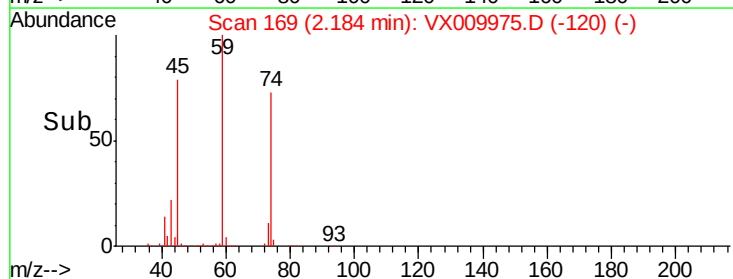
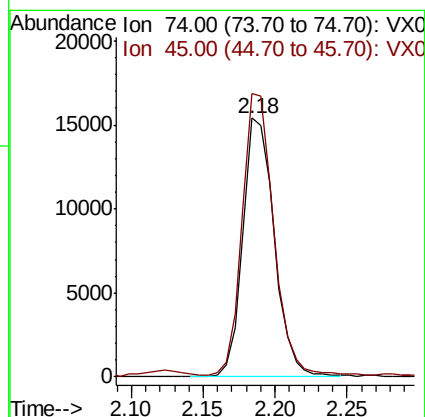
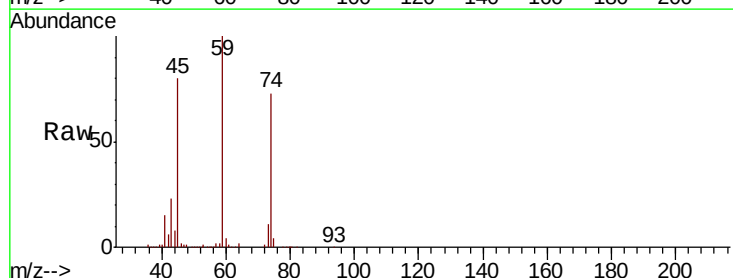
Tgt Ion:101 Resp: 55080
Ion Ratio Lower Upper
101 100
103 66.3 52.4 78.6

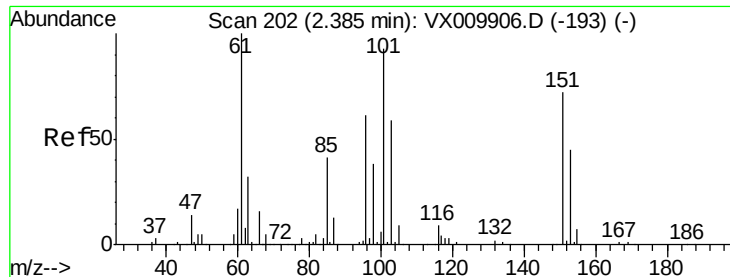


#8

Diethyl Ether
Concen: 18.049 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion: 74 Resp: 23307
Ion Ratio Lower Upper
74 100
45 108.8 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.435 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

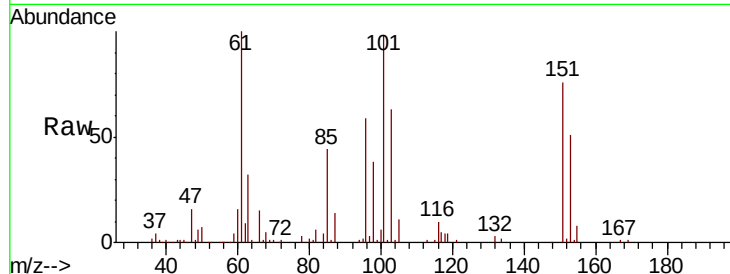
Tgt Ion:101 Resp: 33901

Ion Ratio Lower Upper

101 100

85 44.6 35.7 53.5

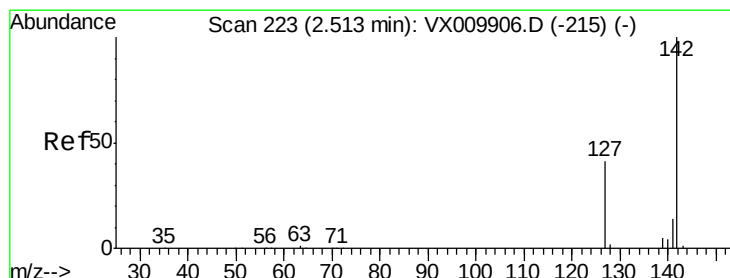
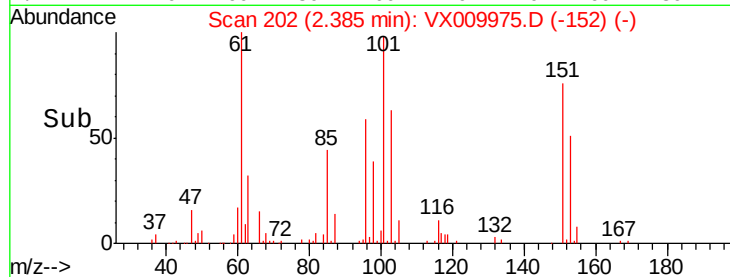
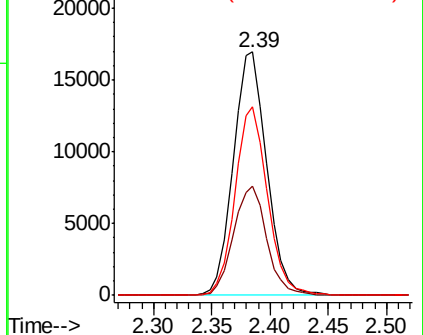
151 75.4 62.2 93.2



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: 17.739 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

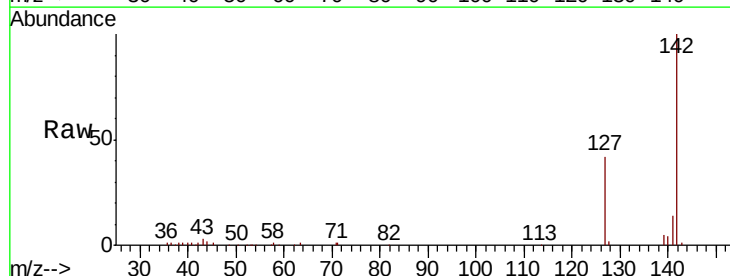
Tgt Ion:142 Resp: 29636

Ion Ratio Lower Upper

142 100

127 42.3 32.7 49.1

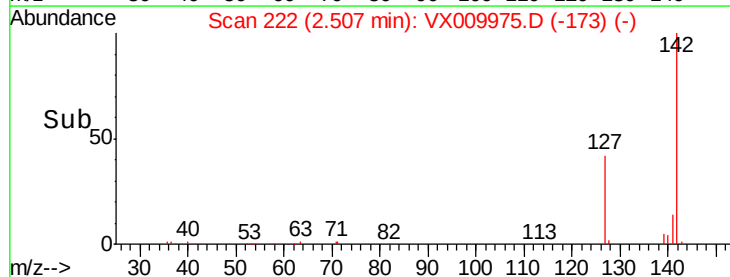
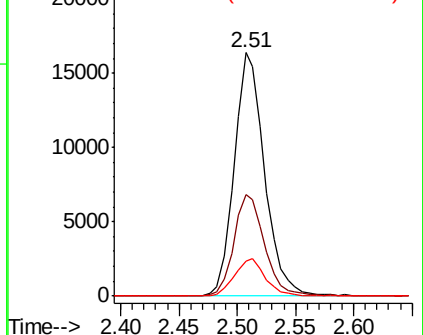
141 15.4 11.5 17.3

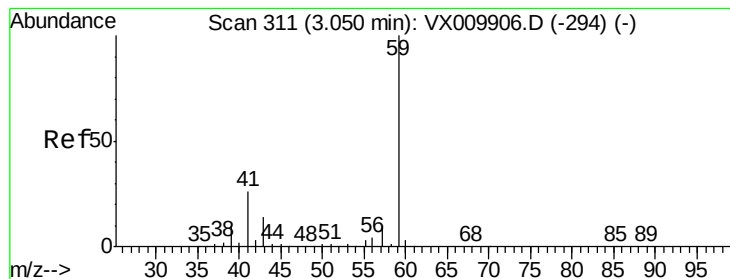


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



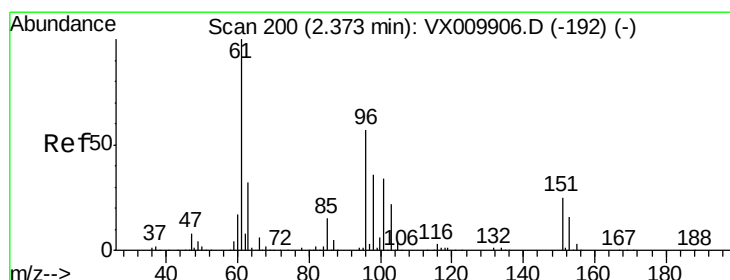
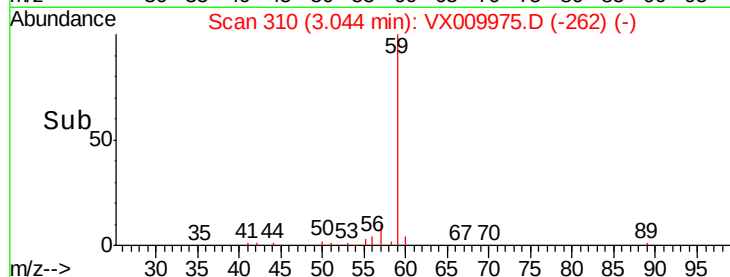
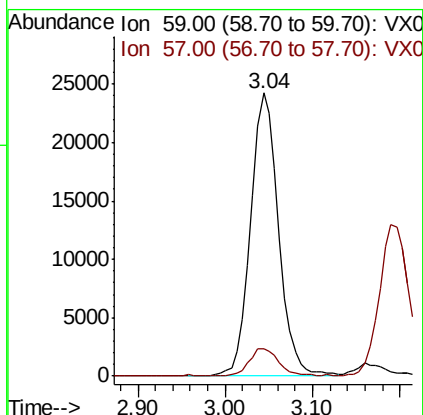
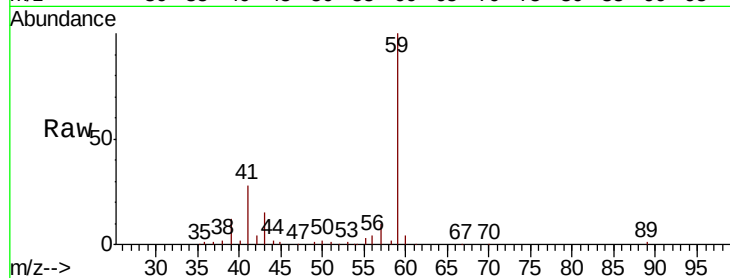


#11

Tert butyl alcohol
 Concen: 92.295 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX0531WBS01

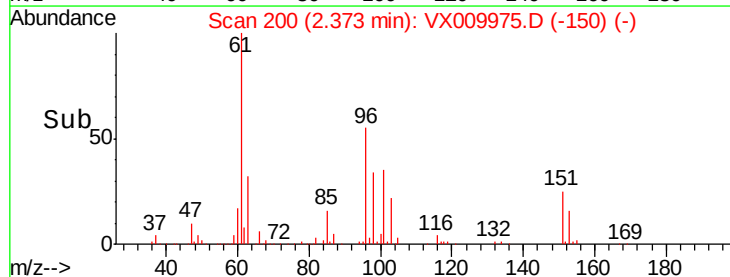
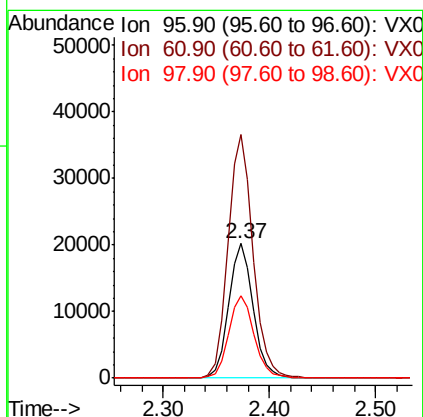
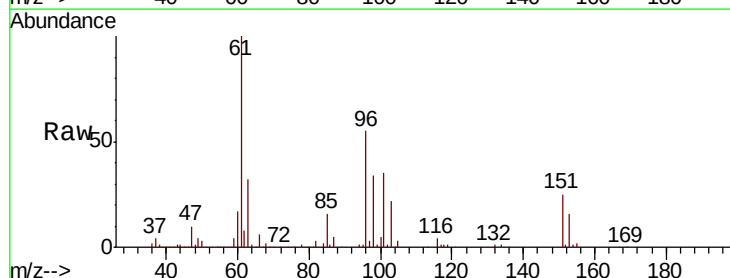
Tgt Ion: 59 Resp: 53875
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

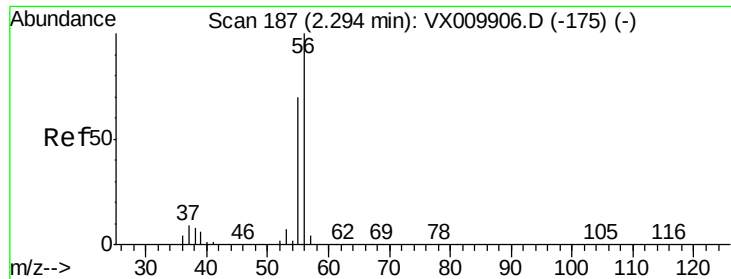


#12

1,1-Dichloroethene
 Concen: 19.196 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion: 96 Resp: 32643
 Ion Ratio Lower Upper
 96 100
 61 181.0 144.3 216.5
 98 60.9 50.3 75.5

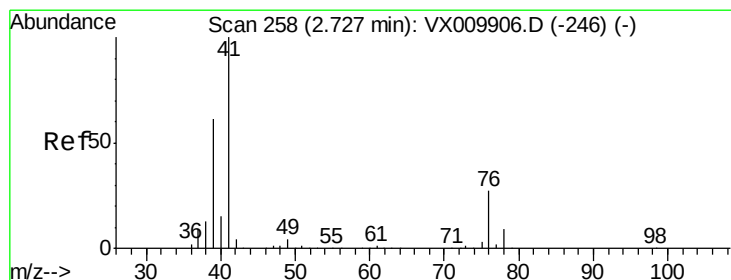
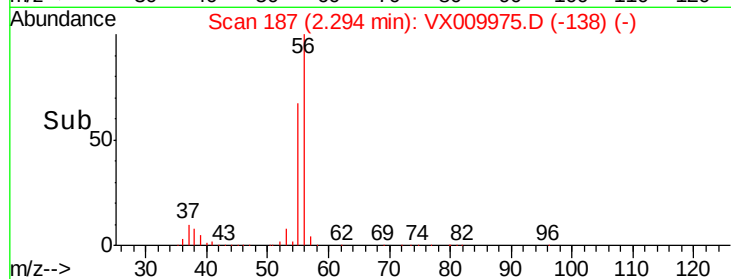
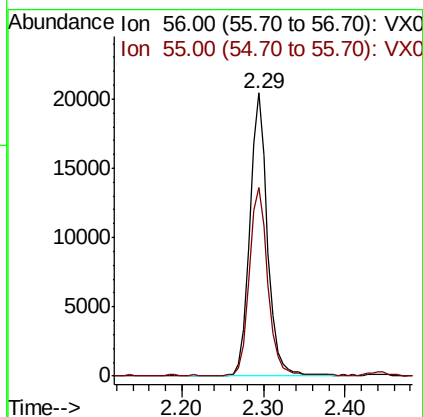
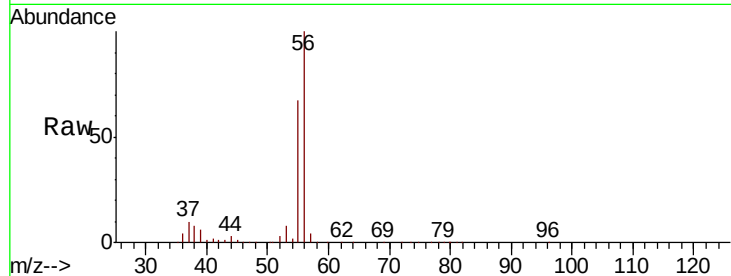




#13
 Acrolein
 Concen: 89.772 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

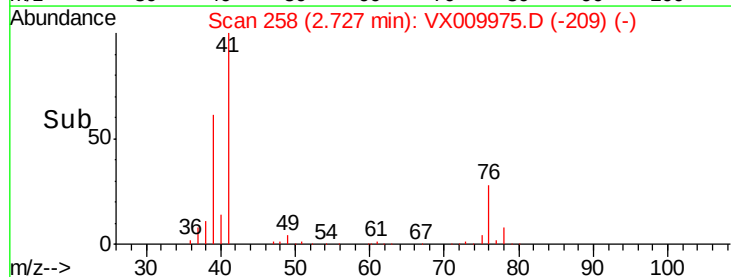
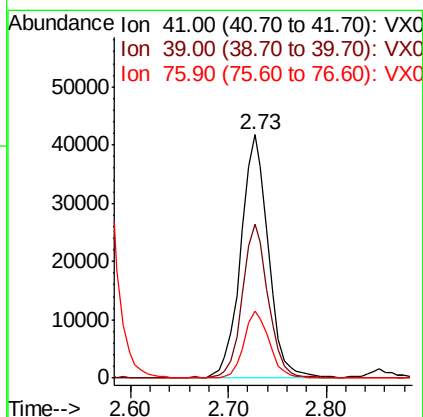
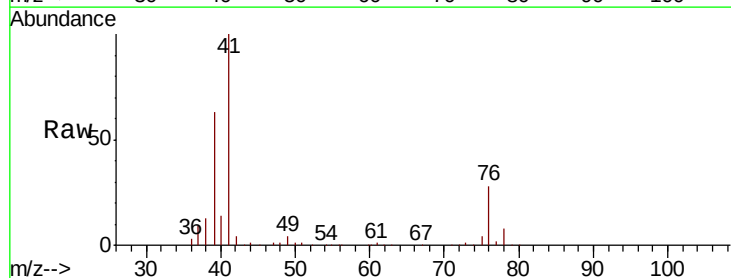
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

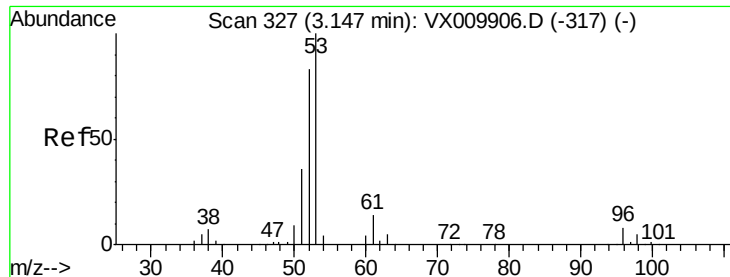
Tgt Ion: 56 Resp: 31034
 Ion Ratio Lower Upper
 56 100
 55 68.5 56.6 85.0



#14
 Allyl chloride
 Concen: 19.686 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion: 41 Resp: 81363
 Ion Ratio Lower Upper
 41 100
 39 59.0 46.7 70.1
 76 25.1 21.8 32.8





#15

Acrylonitrile

Concen: 94.100 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

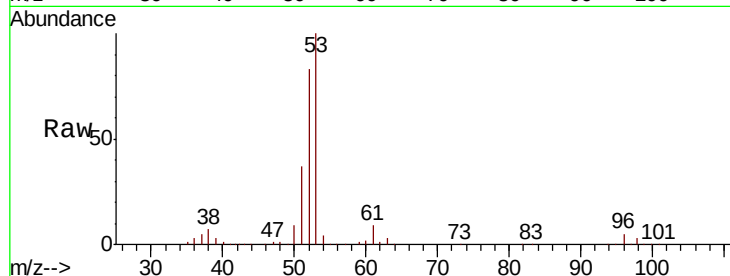
Tgt Ion: 53 Resp: 132349

Ion Ratio Lower Upper

53 100

52 84.0 66.9 100.3

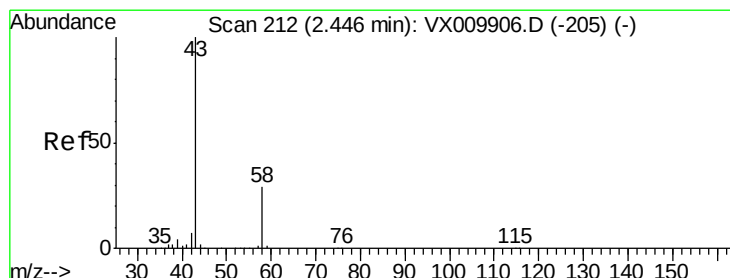
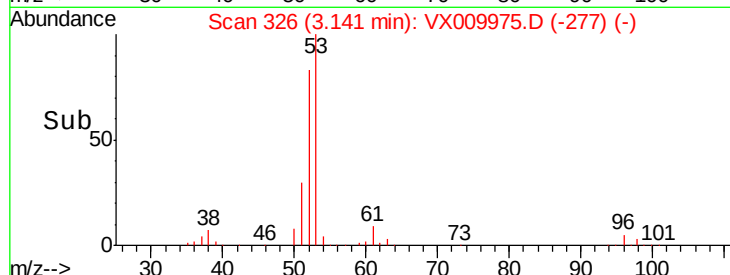
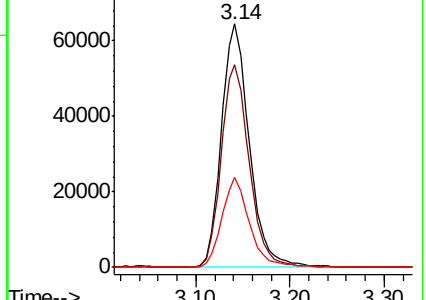
51 36.1 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 100.913 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009975.D

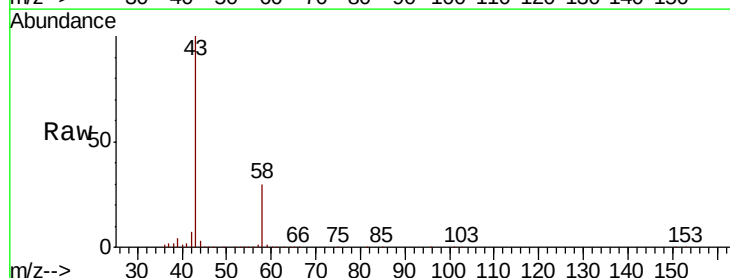
Acq: 31 May 2019 10:51

Tgt Ion: 43 Resp: 138294

Ion Ratio Lower Upper

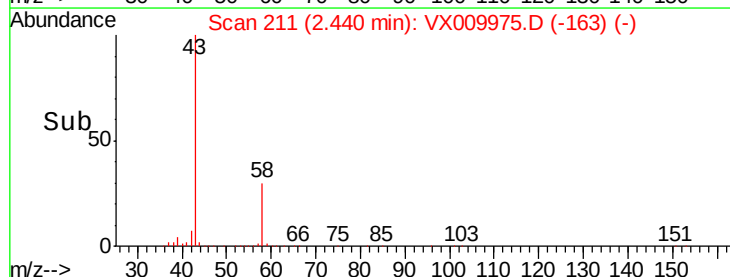
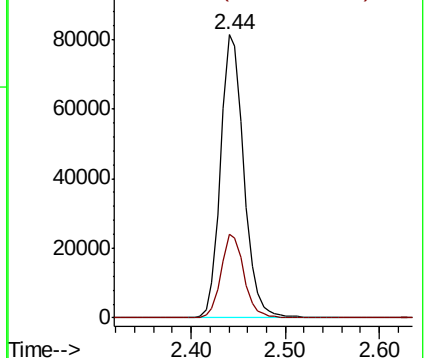
43 100

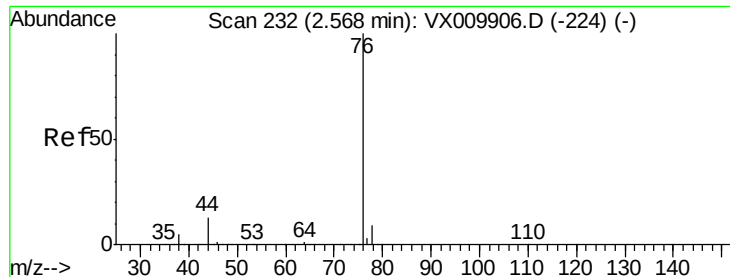
58 29.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.246 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

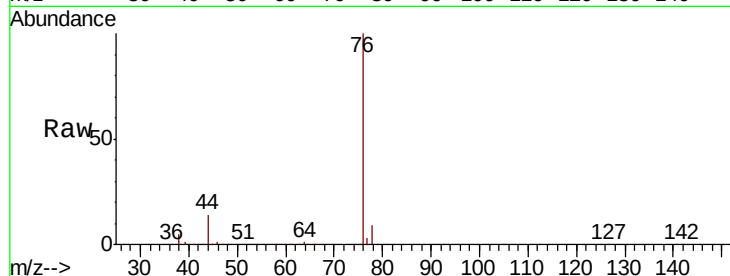
VX0531WBS01

Tgt Ion: 76 Resp: 97873

Ion Ratio Lower Upper

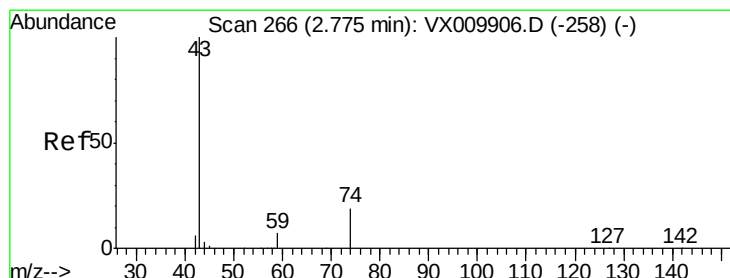
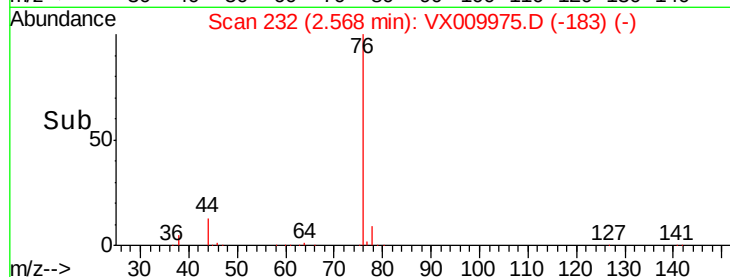
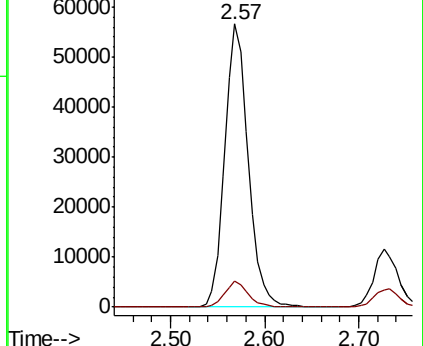
76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.373 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009975.D

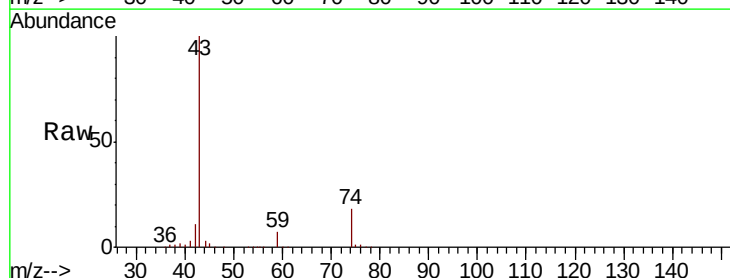
Acq: 31 May 2019 10:51

Tgt Ion: 43 Resp: 61778

Ion Ratio Lower Upper

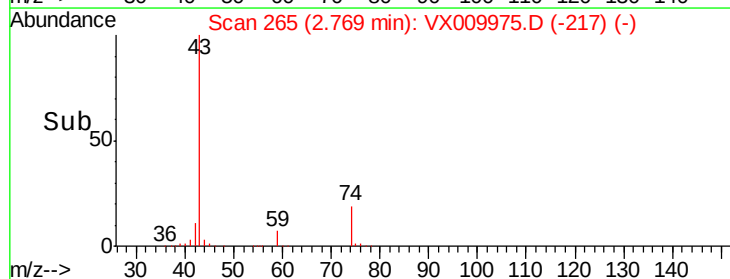
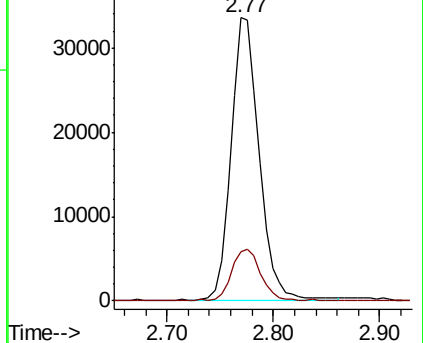
43 100

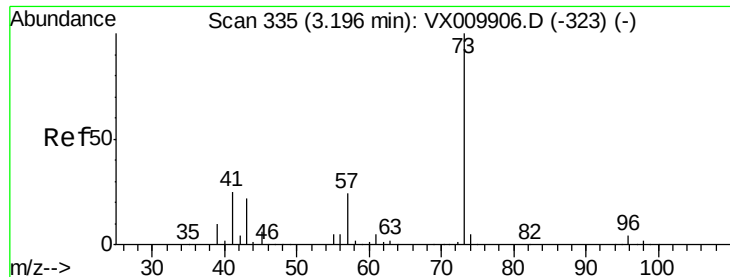
74 19.6 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



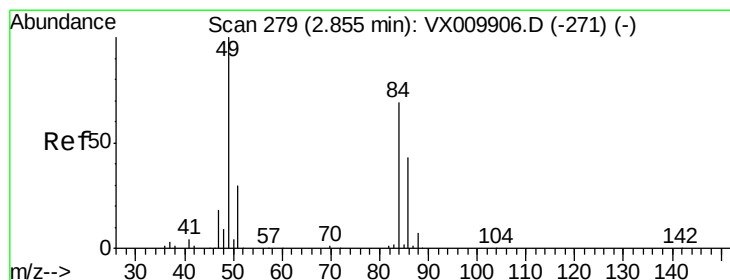
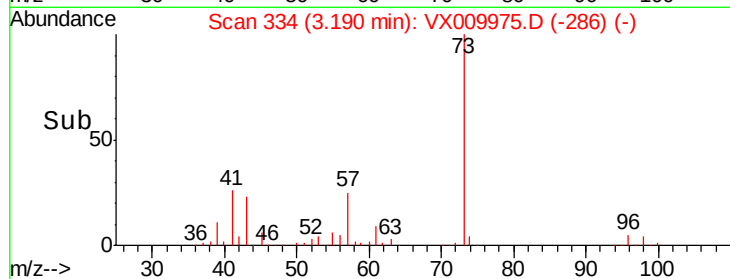
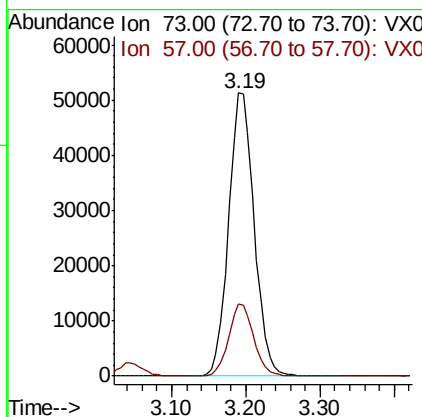
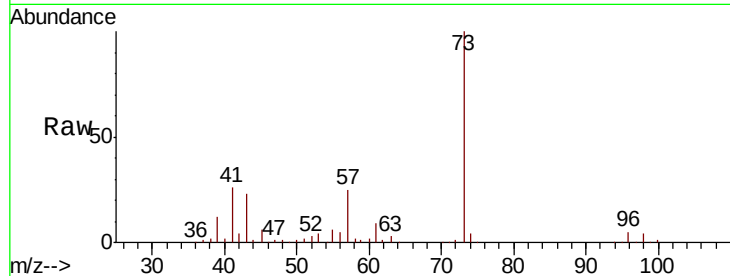


#19

Methyl tert-butyl Ether
 Concen: 19.181 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

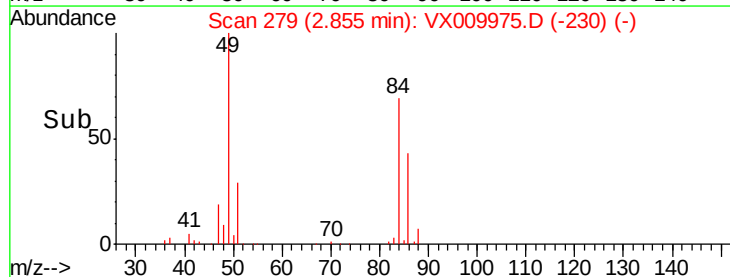
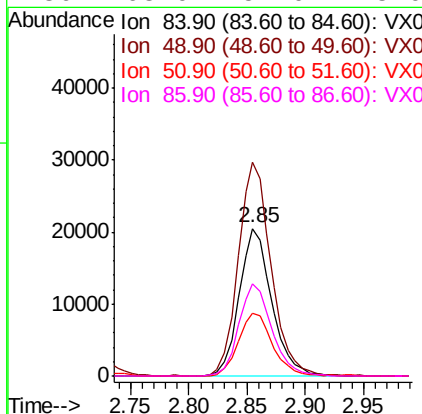
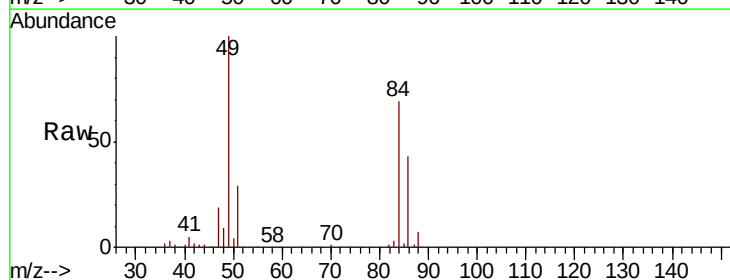
Tgt Ion: 73 Resp: 123142
 Ion Ratio Lower Upper
 73 100
 57 25.3 19.3 28.9

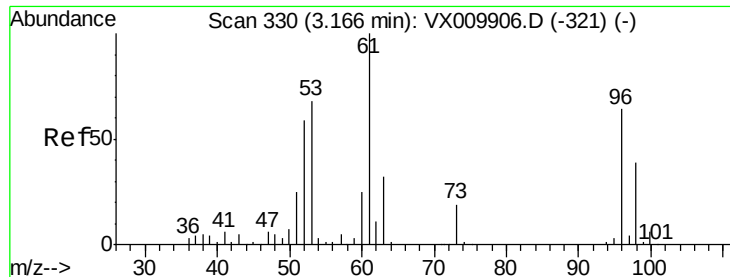


#20

Methylene Chloride
 Concen: 18.971 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion: 84 Resp: 39813
 Ion Ratio Lower Upper
 84 100
 49 145.0 109.9 164.9
 51 42.3 32.7 49.1
 86 63.0 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 18.528 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

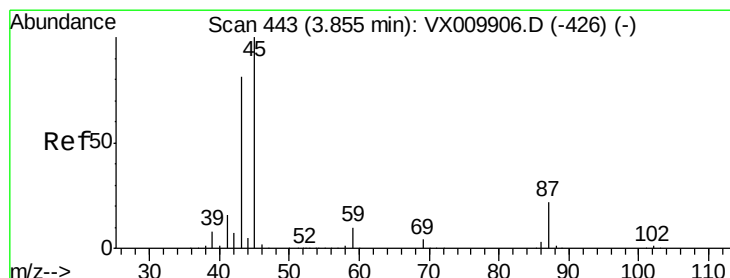
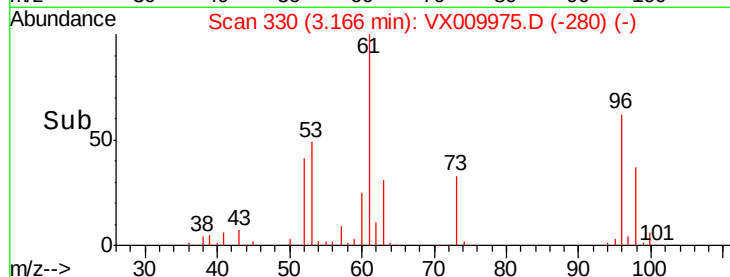
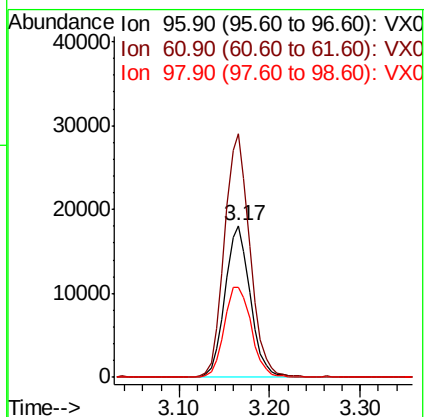
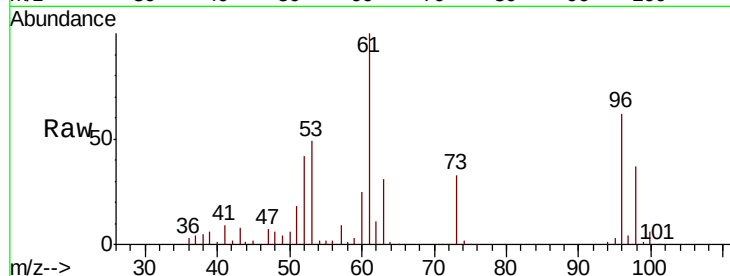
Tgt Ion: 96 Resp: 35056

Ion Ratio Lower Upper

96 100

61 160.5 124.5 186.7

98 59.7 50.4 75.6



#22

Diisopropyl ether

Concen: 19.895 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Tgt Ion: 45 Resp: 156450

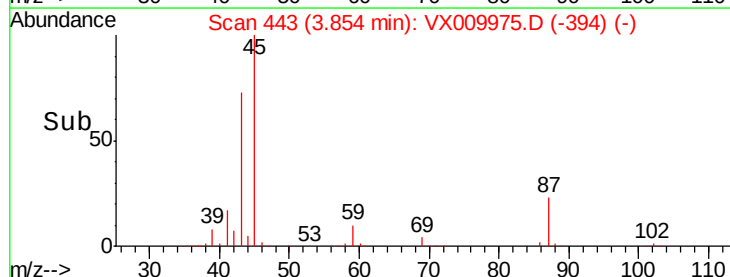
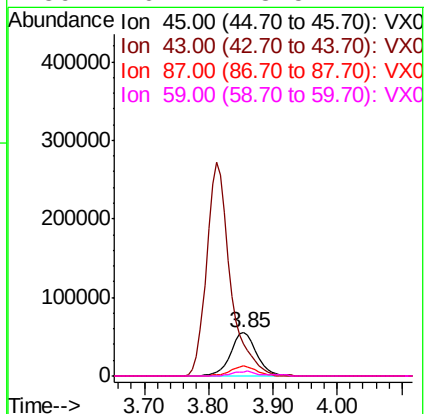
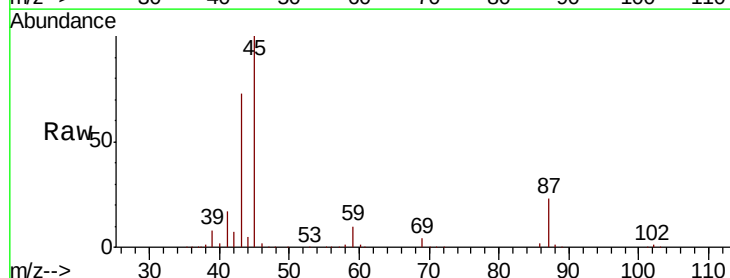
Ion Ratio Lower Upper

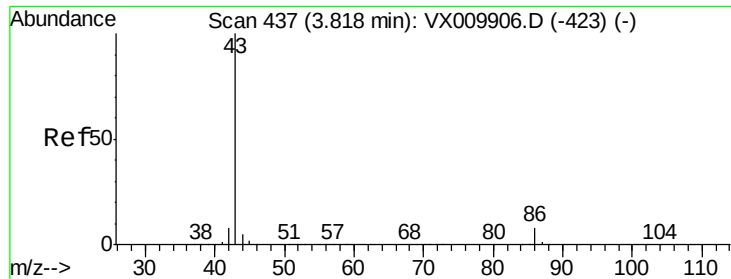
45 100

43 72.5 56.1 84.1

87 23.2 18.1 27.1

59 10.4 8.5 12.7





#23

Vinyl Acetate

Concen: 98.854 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

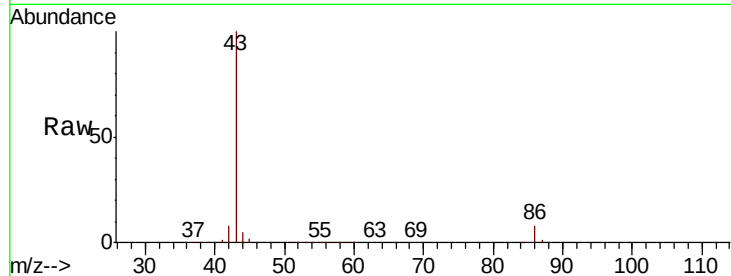
VX0531WBS01

Tgt Ion: 43 Resp: 698353

Ion Ratio Lower Upper

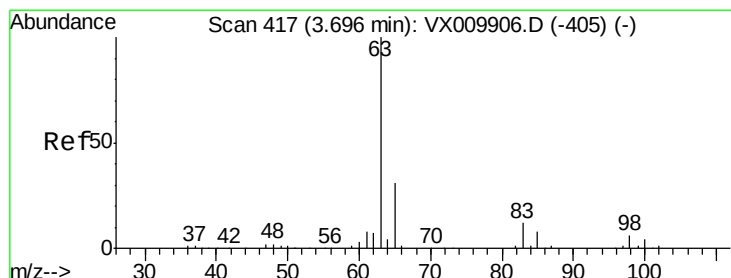
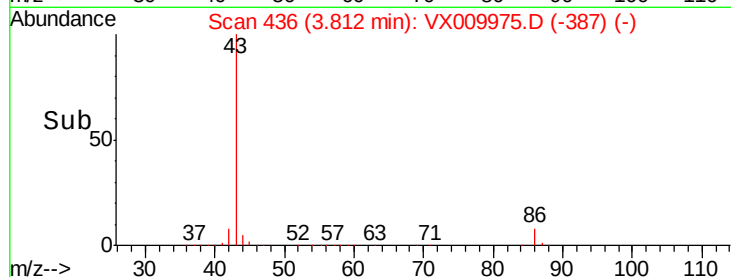
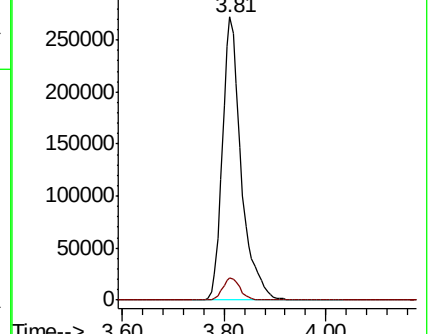
43 100

86 7.7 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.630 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

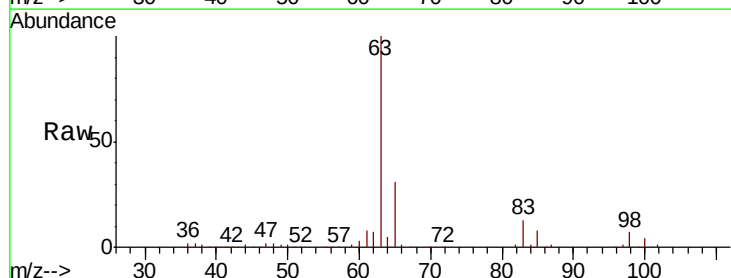
Tgt Ion: 63 Resp: 74810

Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

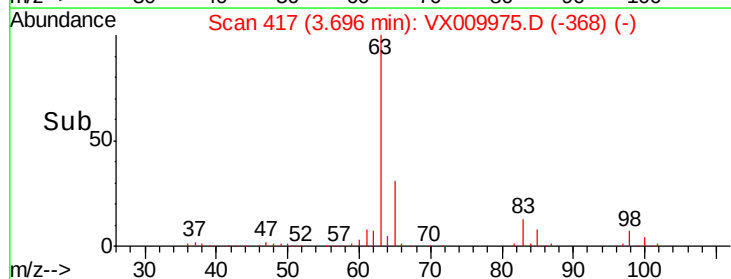
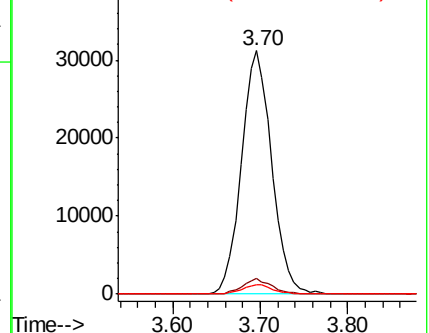
100 3.8 2.0 6.0

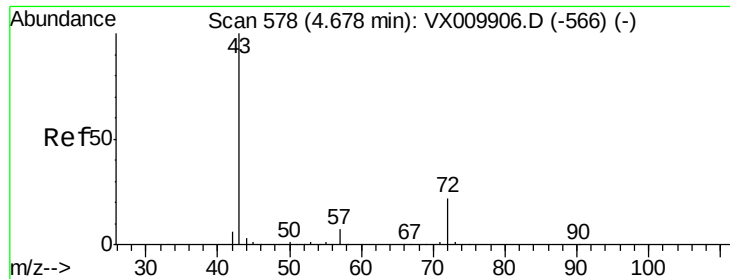


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.805 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

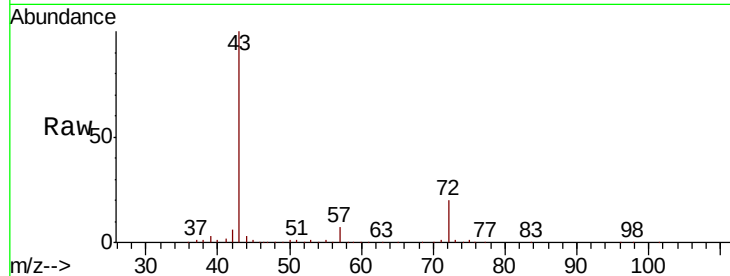
VX0531WBS01

Tgt Ion: 43 Resp: 208825

Ion Ratio Lower Upper

43 100

72 20.4 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

60000

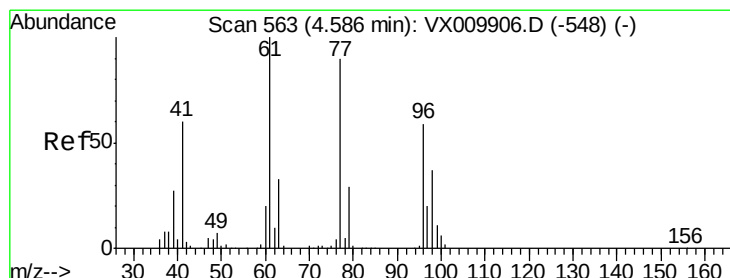
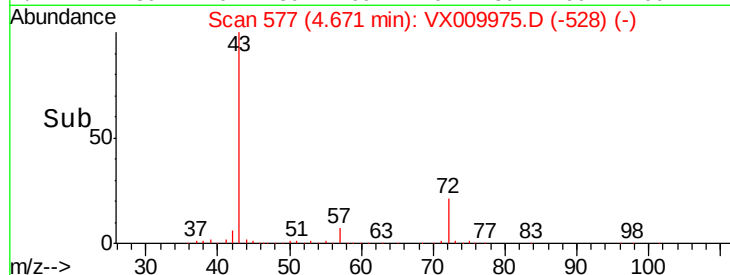
40000

20000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 19.295 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009975.D

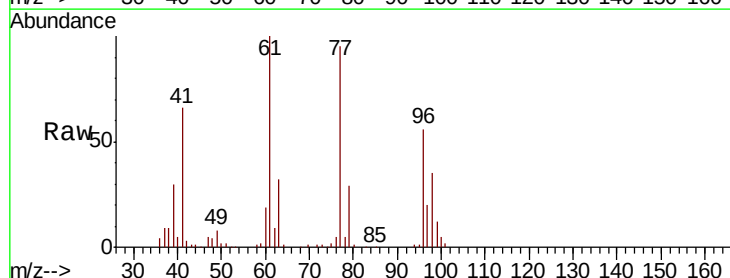
Acq: 31 May 2019 10:51

Tgt Ion: 77 Resp: 55626

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

20000

15000

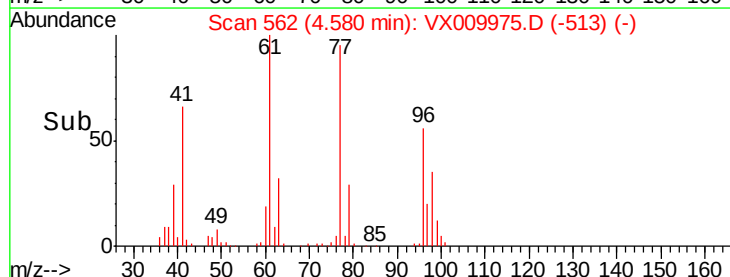
10000

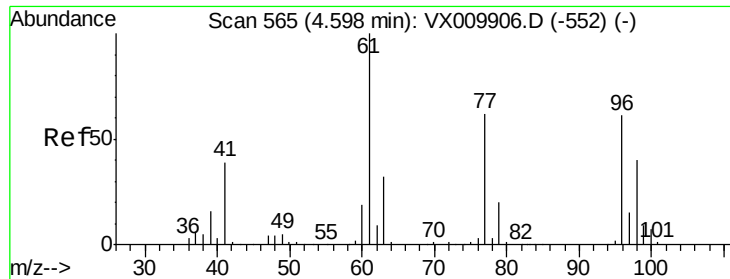
5000

0

Time-->

4.50 4.60 4.70



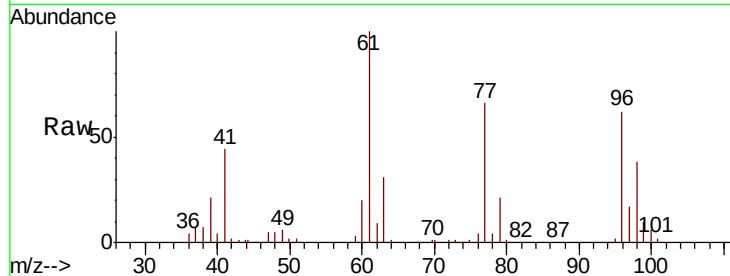


#27

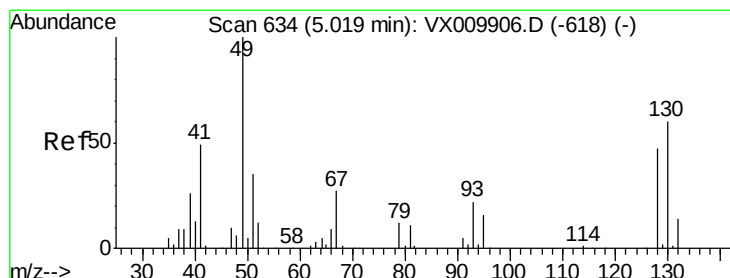
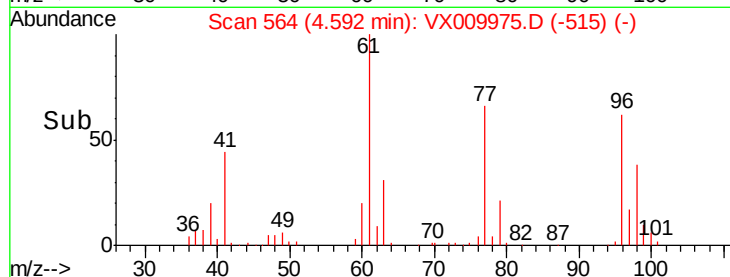
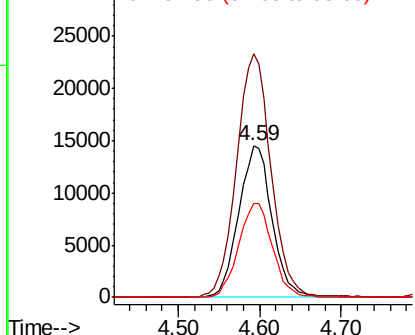
cis-1,2-Dichloroethene
Concen: 18.711 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

Tgt Ion: 96 Resp: 40867
Ion Ratio Lower Upper
96 100
61 167.4 0.0 324.0
98 63.2 0.0 130.4



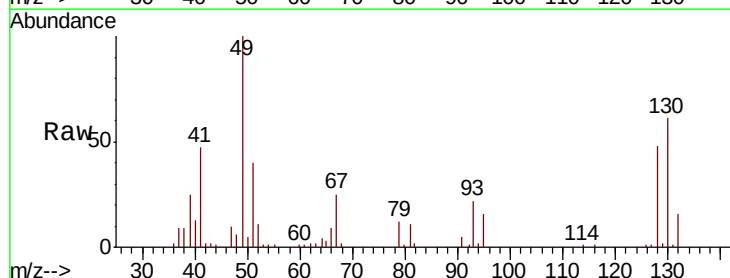
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



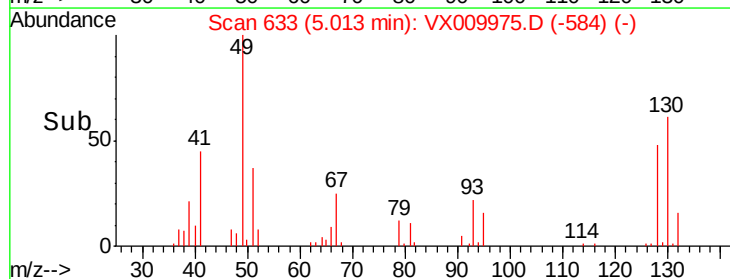
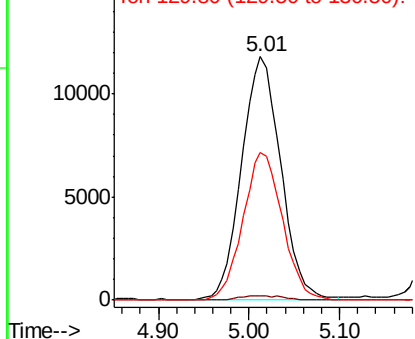
#28

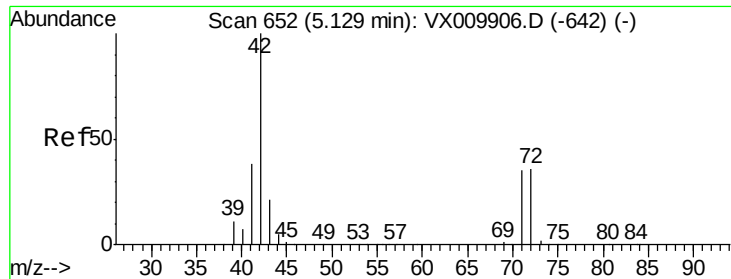
Bromochloromethane
Concen: 17.917 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion: 49 Resp: 35434
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 60.6 51.2 76.8



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: 96.658 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

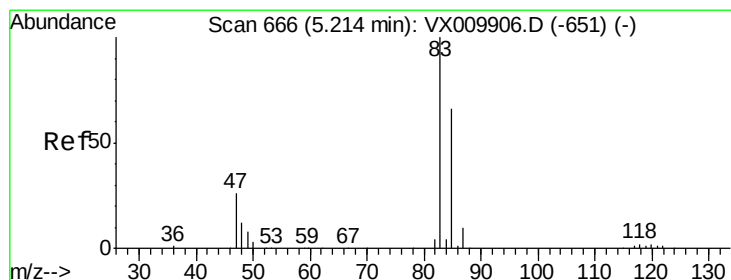
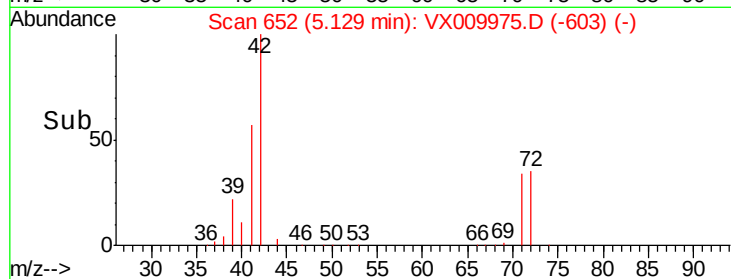
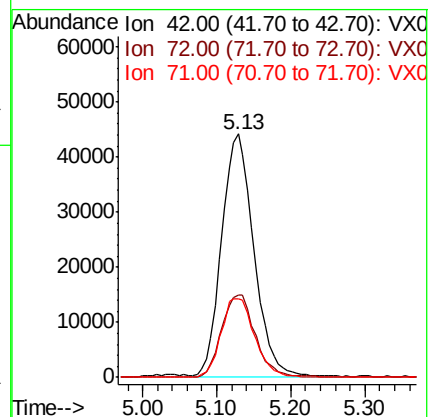
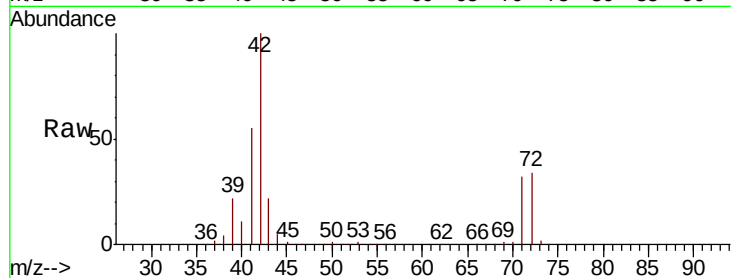
Tgt Ion: 42 Resp: 132340

Ion Ratio Lower Upper

42 100

72 35.9 30.4 45.6

71 34.0 28.6 43.0



#30

Chloroform

Concen: 19.521 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX009975.D

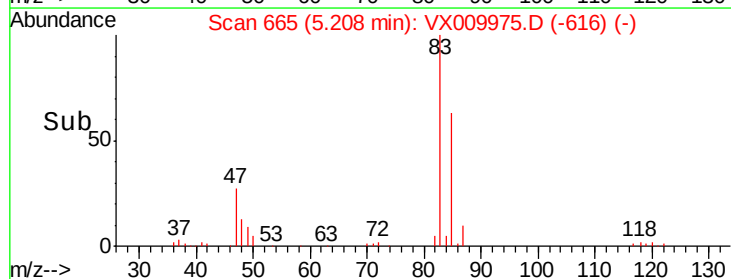
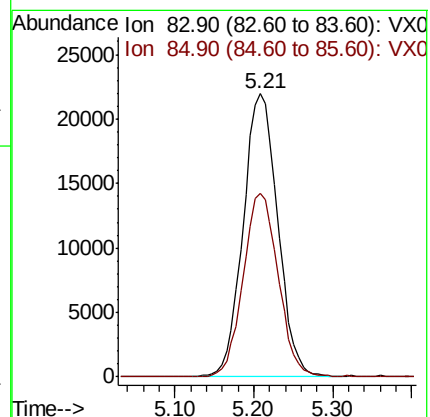
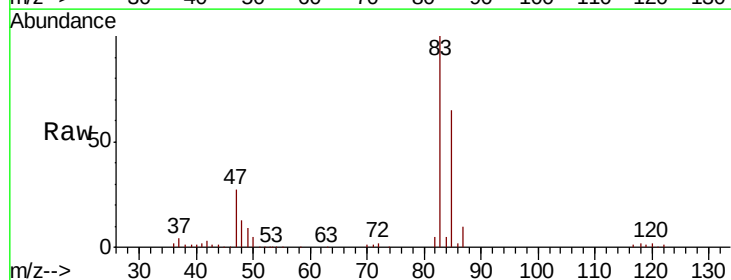
Acq: 31 May 2019 10:51

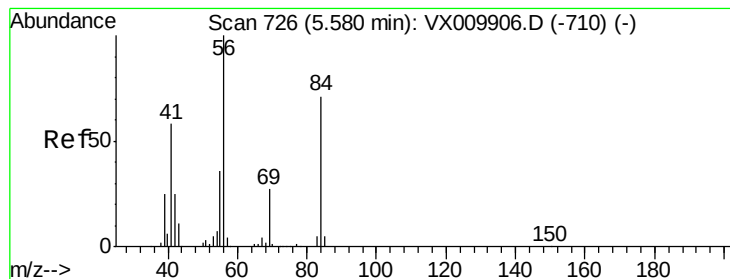
Tgt Ion: 83 Resp: 67095

Ion Ratio Lower Upper

83 100

85 64.9 51.5 77.3





#31

Cyclohexane

Concen: 20.292 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

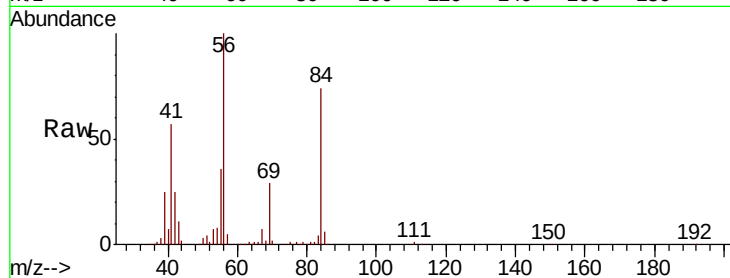
Tgt Ion: 56 Resp: 73245

Ion Ratio Lower Upper

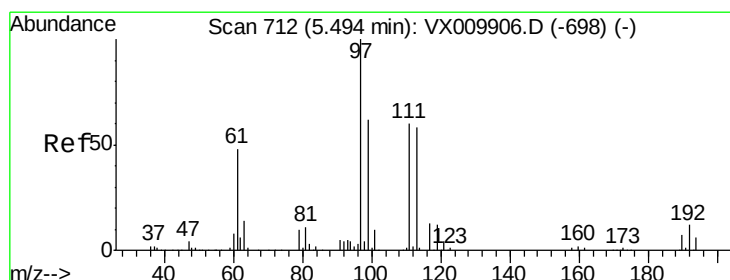
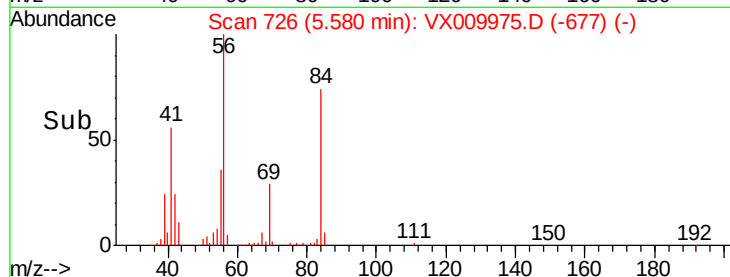
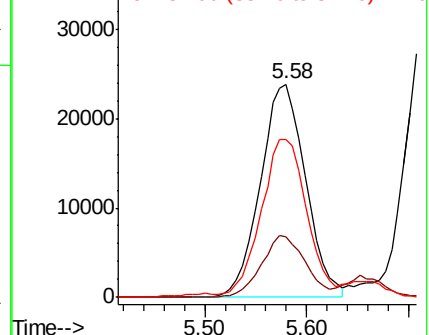
56 100

69 28.6 23.4 35.0

84 73.0 61.9 92.9



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



#32

1,1,1-Trichloroethane

Concen: 19.887 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

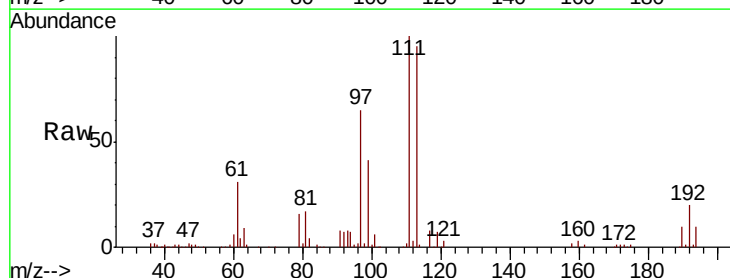
Tgt Ion: 97 Resp: 55665

Ion Ratio Lower Upper

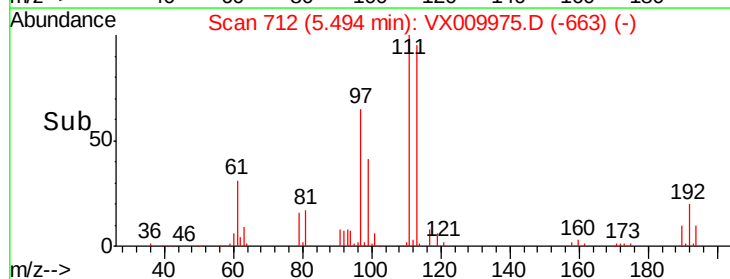
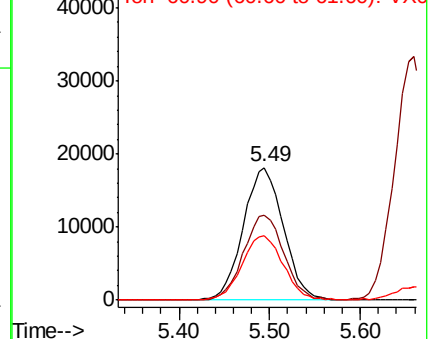
97 100

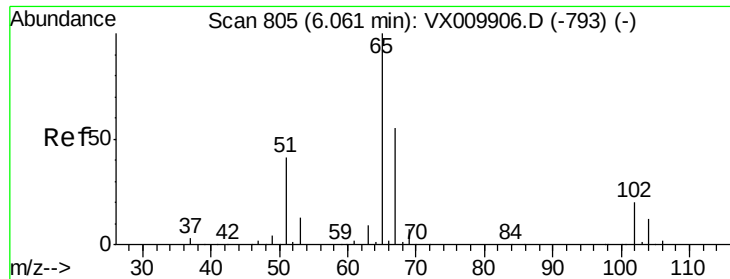
99 64.5 51.8 77.8

61 50.2 37.8 56.8



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

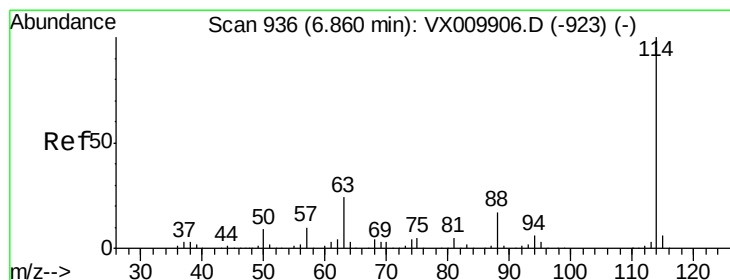
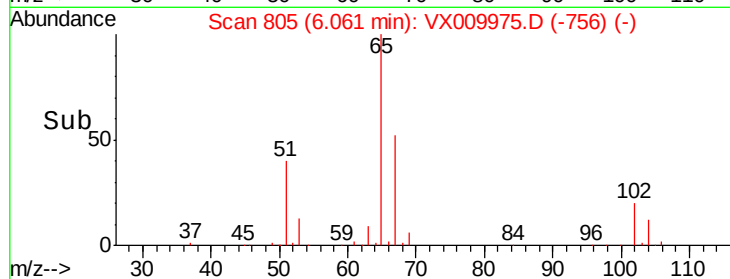
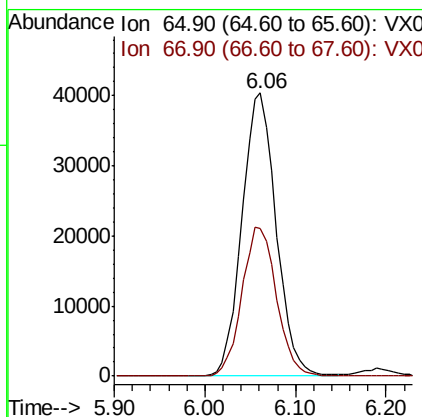
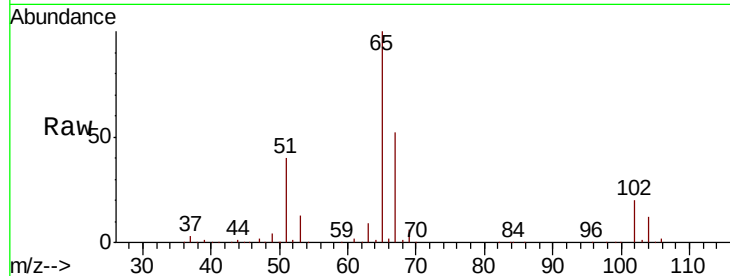




#33
 1,2-Dichloroethane-d4
 Concen: 44.508 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

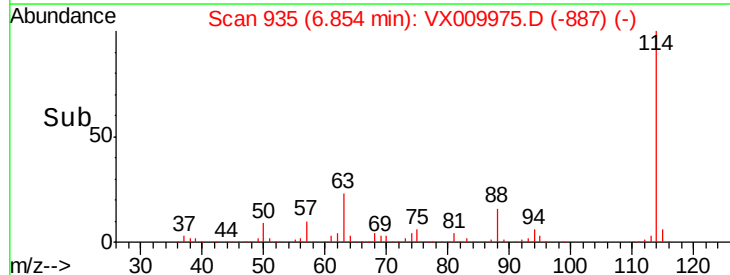
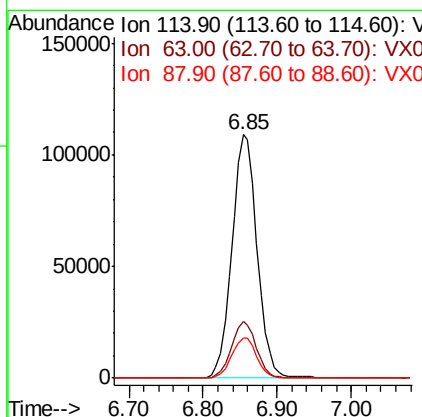
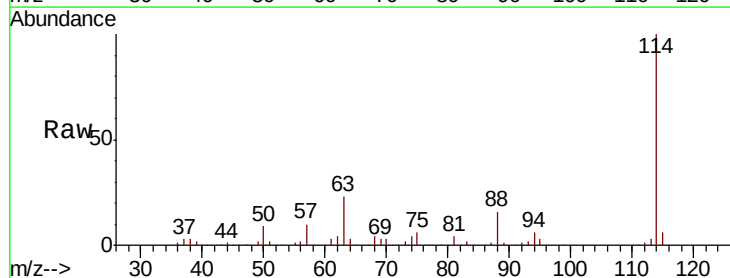
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

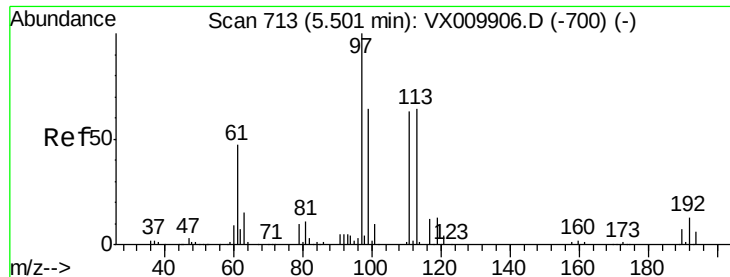
Tgt Ion: 65 Resp: 105569
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion: 114 Resp: 257834
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.6
 88 16.4 0.0 33.2

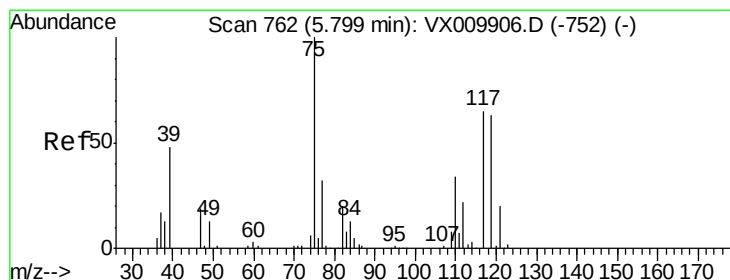
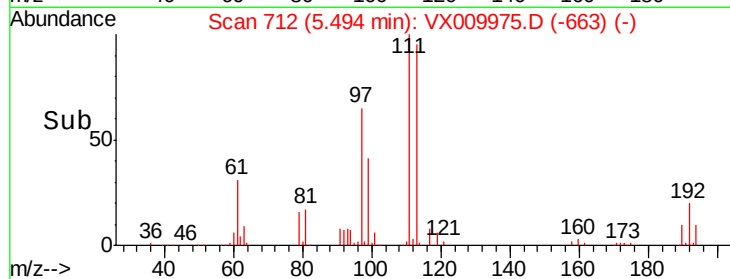
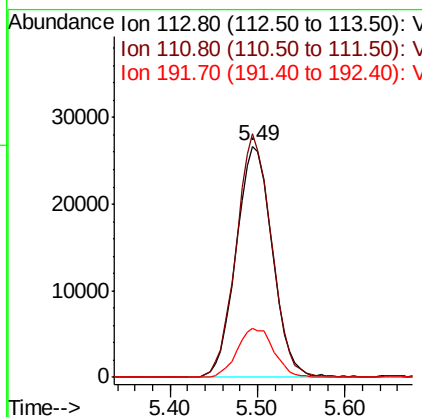
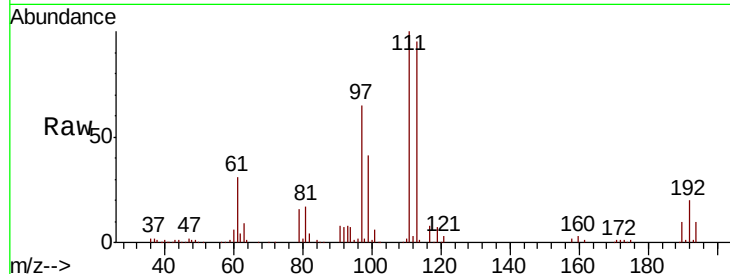




#35
 Dibromofluoromethane
 Concen: 47.365 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

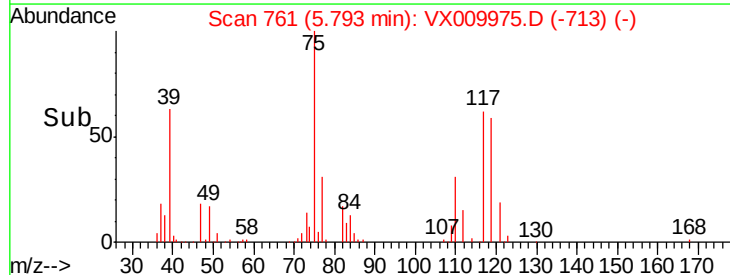
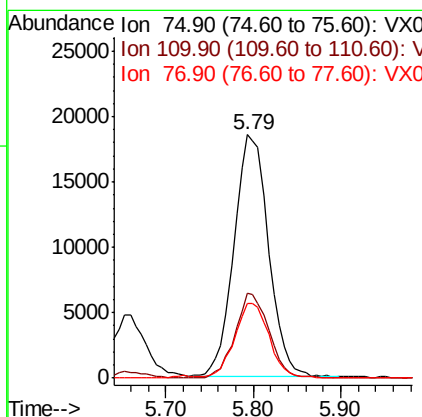
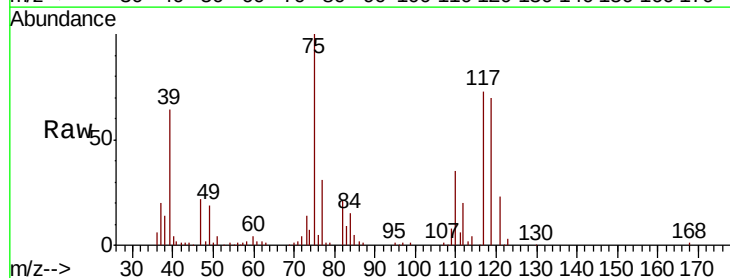
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

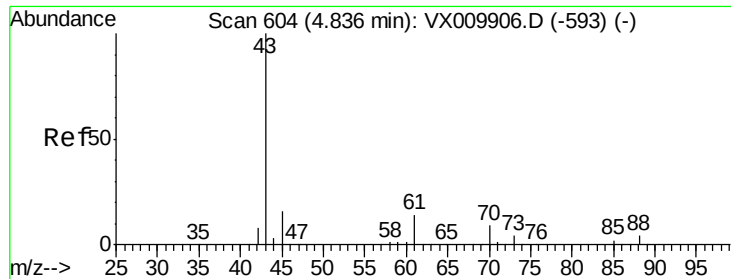
Tgt Ion:113 Resp: 76779
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.8 124.2
 192 21.6 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 19.491 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion: 75 Resp: 50989
 Ion Ratio Lower Upper
 75 100
 110 34.3 16.9 50.6
 77 31.4 24.8 37.2





#37

Ethyl Acetate

Concen: 20.778 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampled :

VX0531WBS01

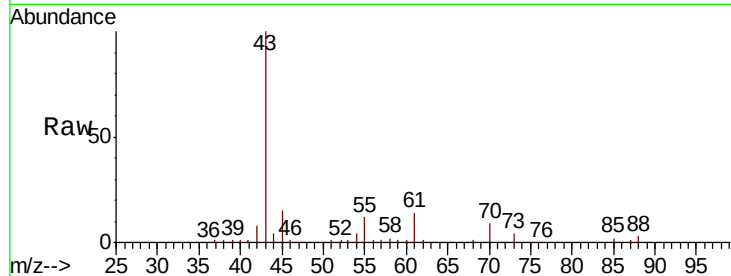
Tgt Ion: 43 Resp: 75737

Ion Ratio Lower Upper

43 100

61 12.8 10.5 15.7

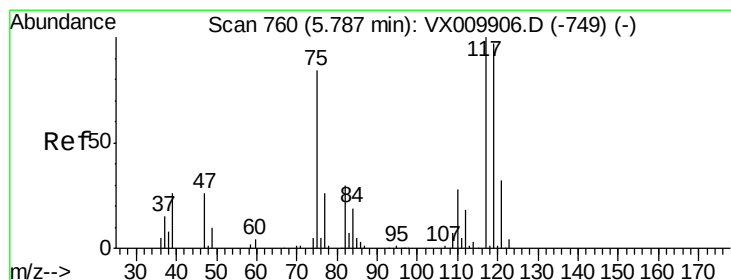
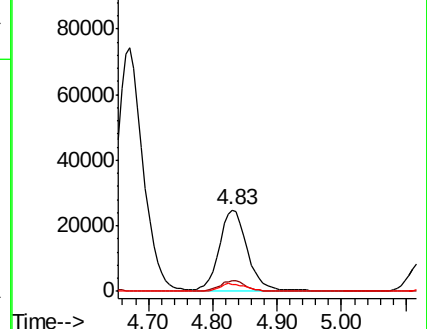
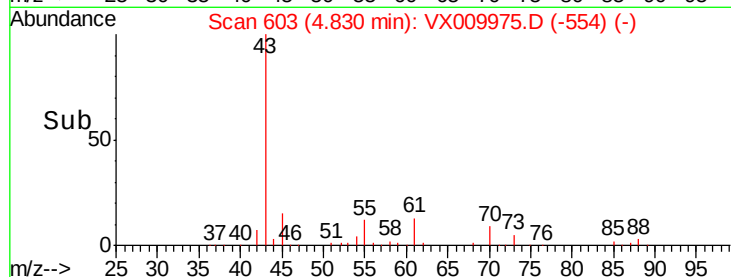
70 9.4 7.9 11.9



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: 20.594 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

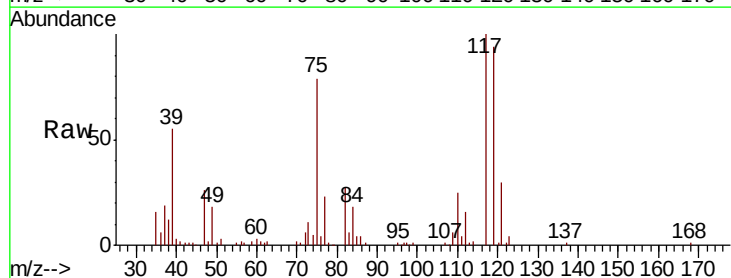
Tgt Ion: 117 Resp: 46554

Ion Ratio Lower Upper

117 100

119 93.5 77.5 116.3

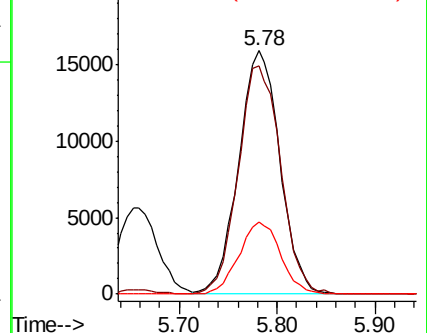
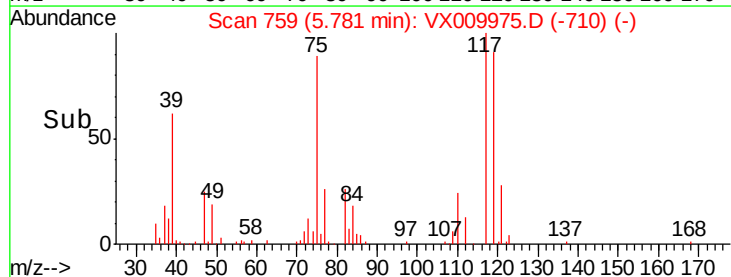
121 29.6 24.7 37.1

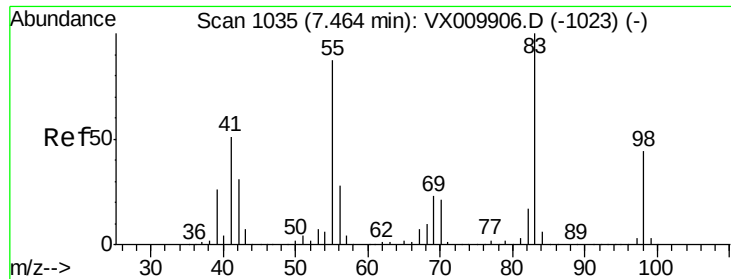


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

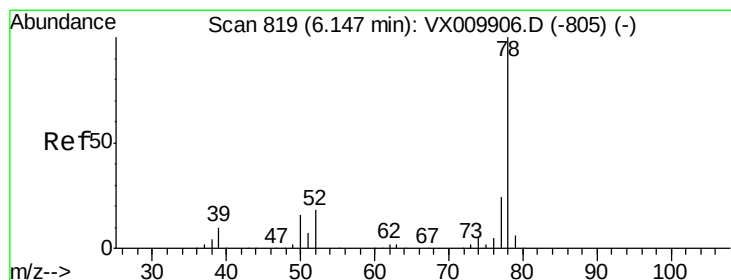
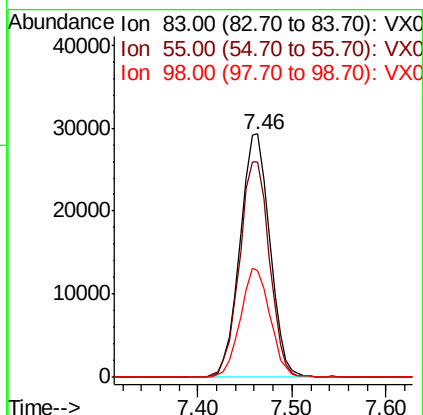
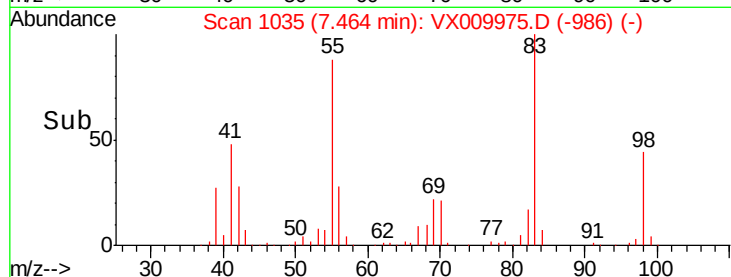
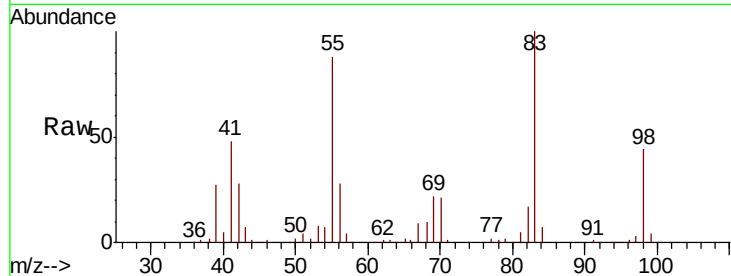




#39
Methylcyclohexane
Concen: 20.834 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

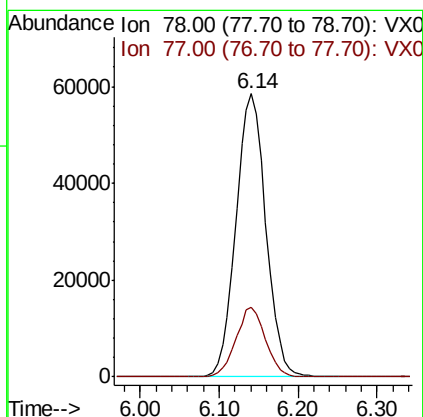
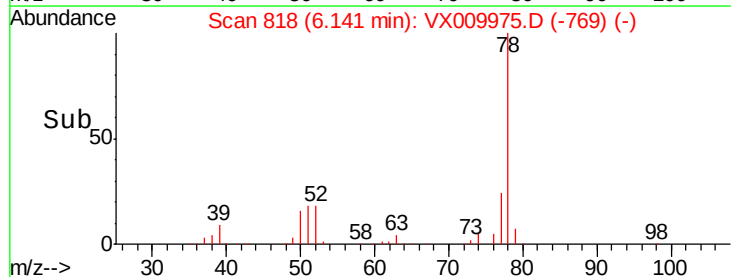
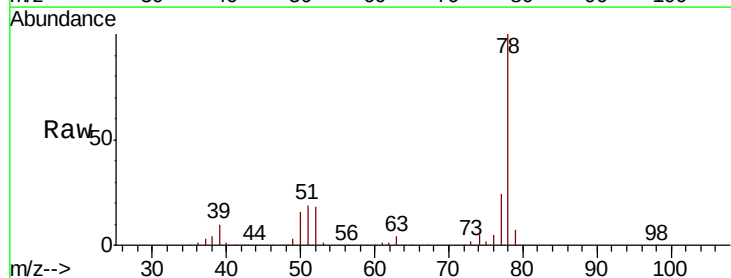
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

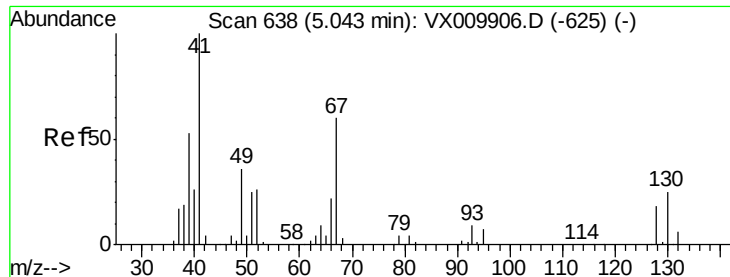
Tgt Ion: 83 Resp: 64648
Ion Ratio Lower Upper
83 100
55 88.3 67.7 101.5
98 44.1 35.5 53.3



#40
Benzene
Concen: 19.922 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion: 78 Resp: 154602
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2

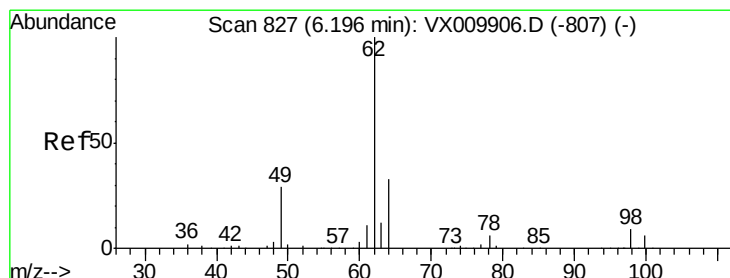
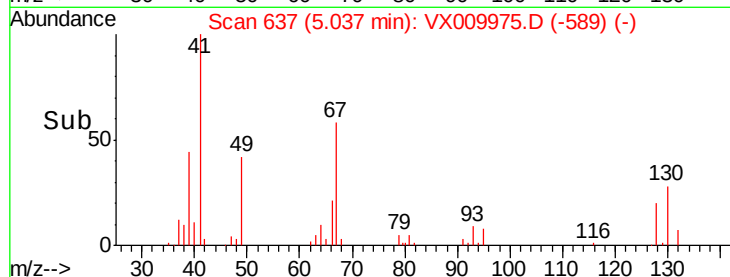
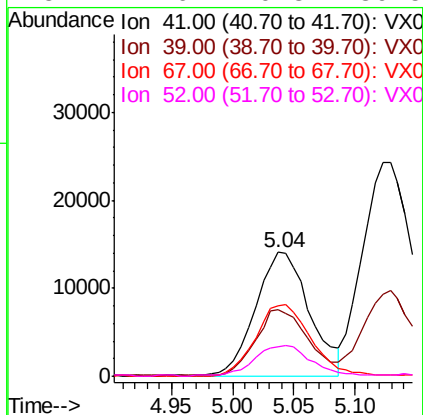
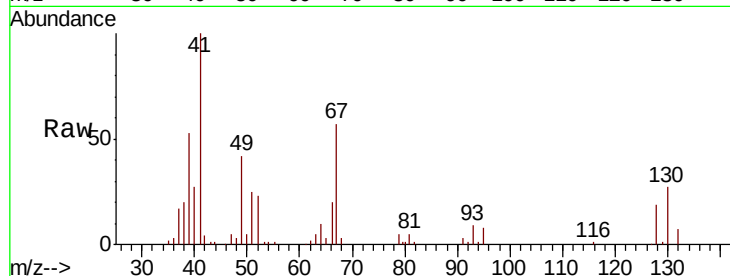




#41
Methacrylonitrile
Concen: 20.206 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

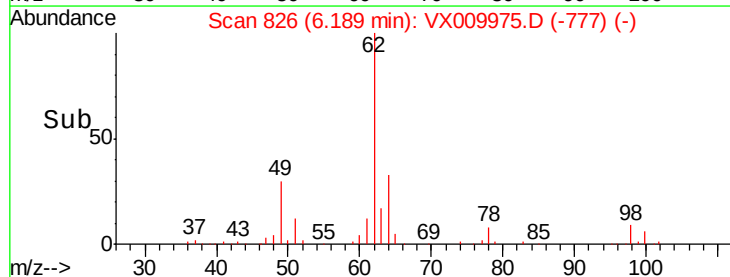
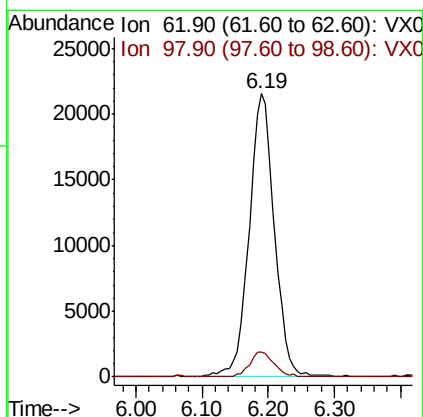
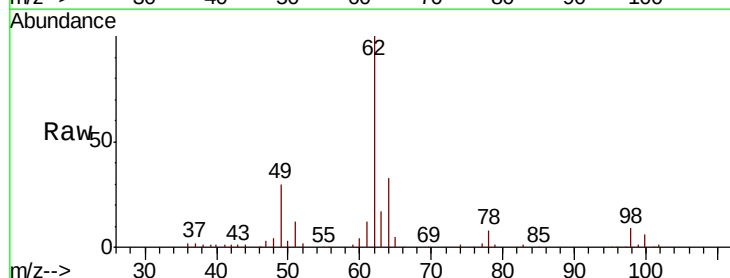
Instrument :
MSVOA_X
ClientSampled :
VX0531WBS01

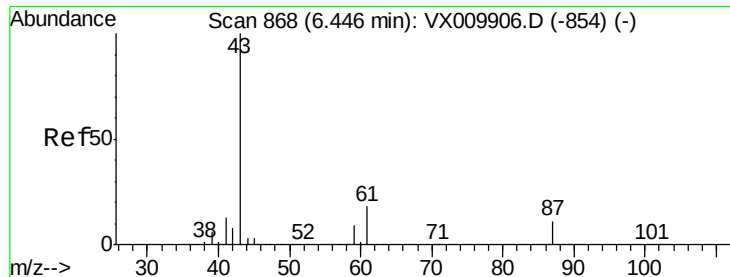
Tgt Ion:	41	Resp:	43038
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.0	63.0
67	59.7	49.8	74.8
52	24.6	20.3	30.5



#42
1,2-Dichloroethane
Concen: 20.007 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion:	62	Resp:	57399
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.2





#43

Isopropyl Acetate

Concen: 18.874 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

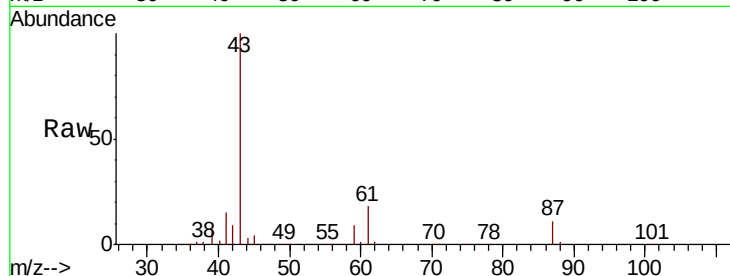
Tgt Ion: 43 Resp: 111007

Ion Ratio Lower Upper

43 100

61 18.9 15.1 22.7

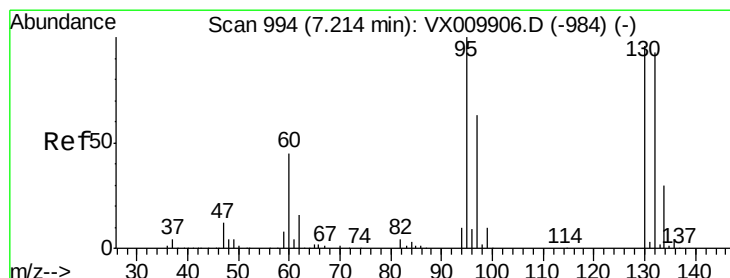
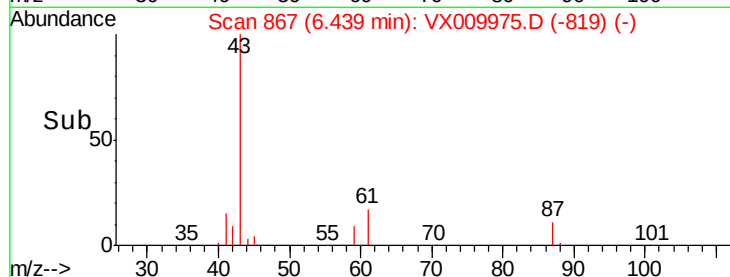
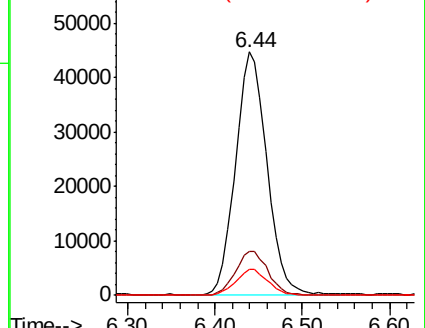
87 11.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.676 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009975.D

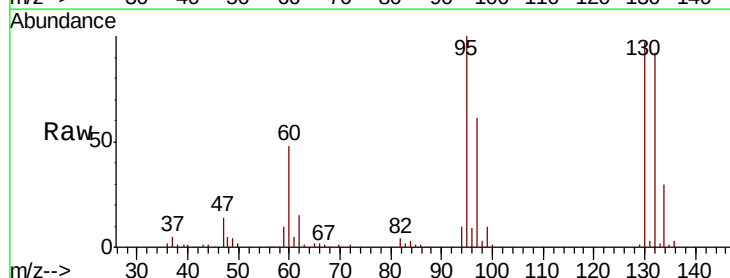
Acq: 31 May 2019 10:51

Tgt Ion: 130 Resp: 37089

Ion Ratio Lower Upper

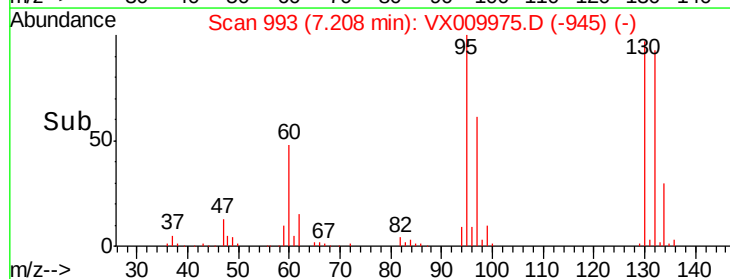
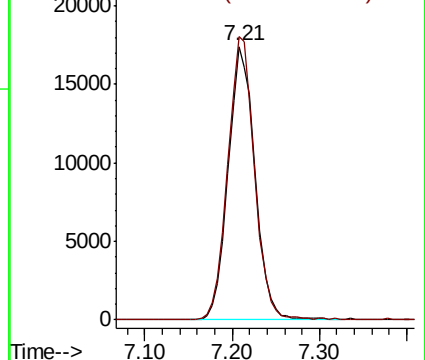
130 100

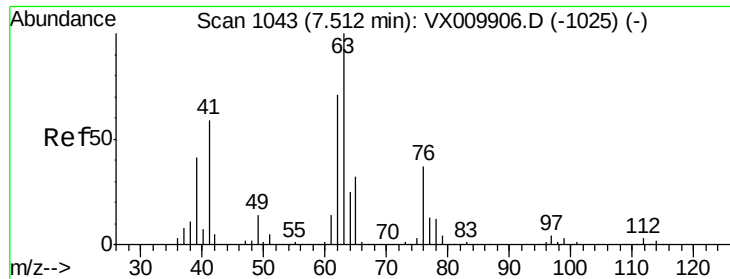
95 103.5 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

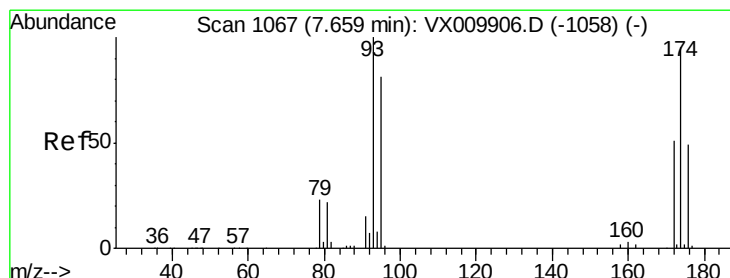
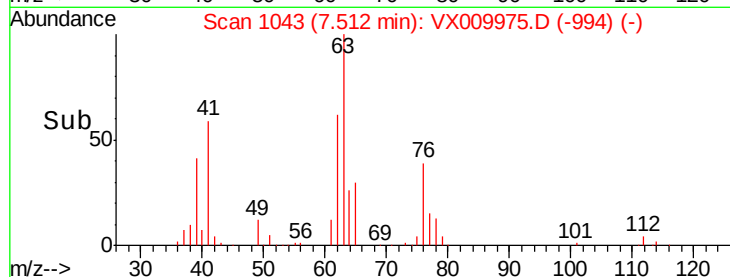
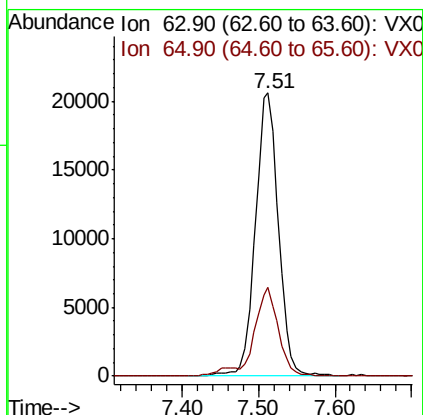
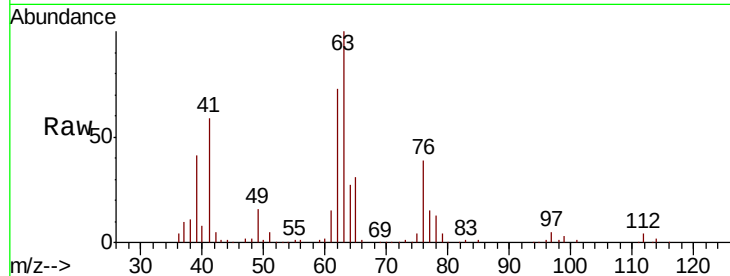




#45
 1,2-Dichloropropane
 Concen: 19.469 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

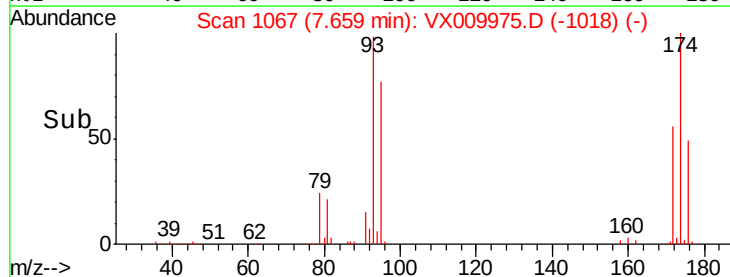
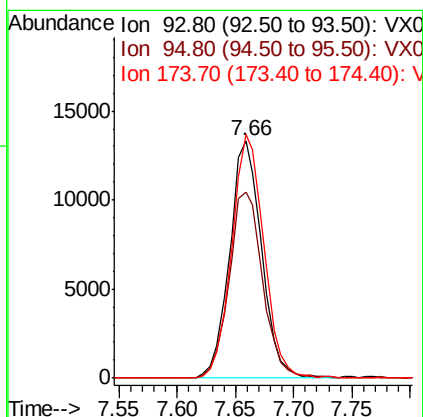
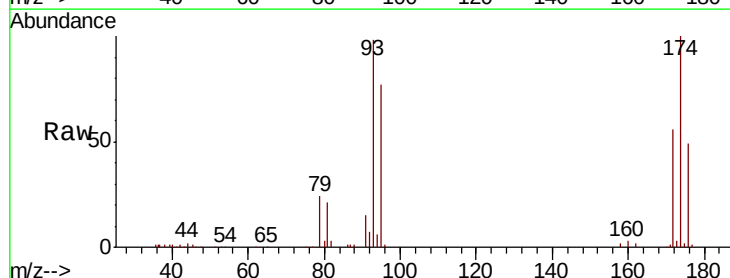
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

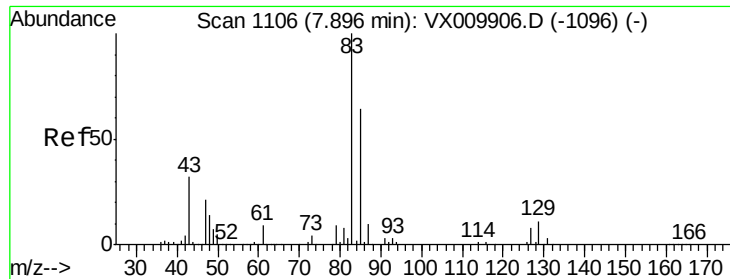
Tgt Ion: 63 Resp: 43492
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6



#46
 Dibromomethane
 Concen: 19.342 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion: 93 Resp: 25434
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.5 99.7
 174 103.3 82.1 123.1





#47

Bromodichloromethane

Concen: 20.164 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

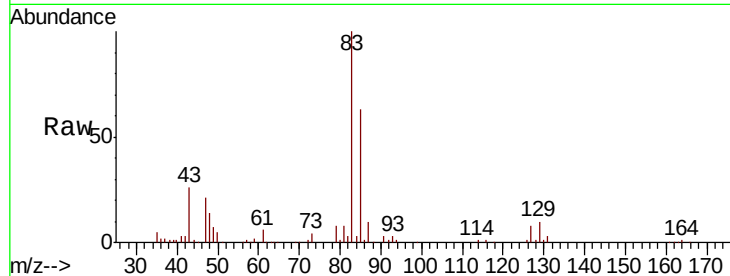
Tgt Ion: 83 Resp: 50420

Ion Ratio Lower Upper

83 100

85 63.4 52.4 78.6

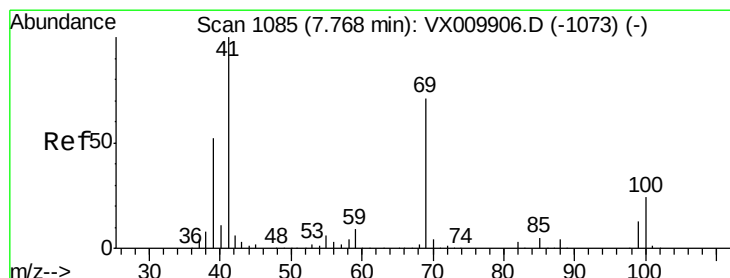
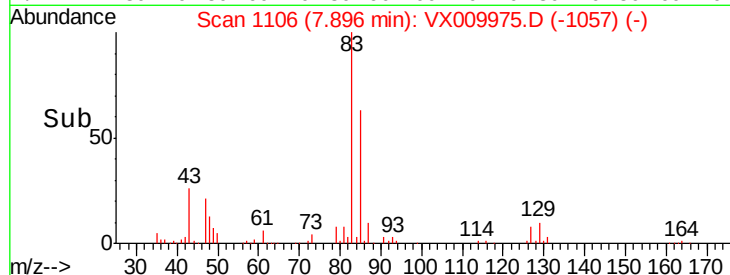
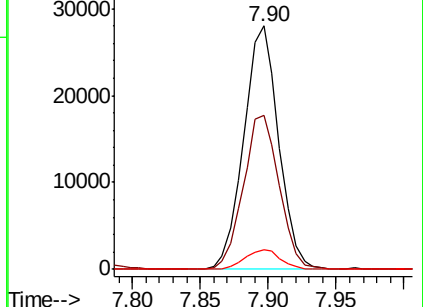
127 8.0 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.381 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

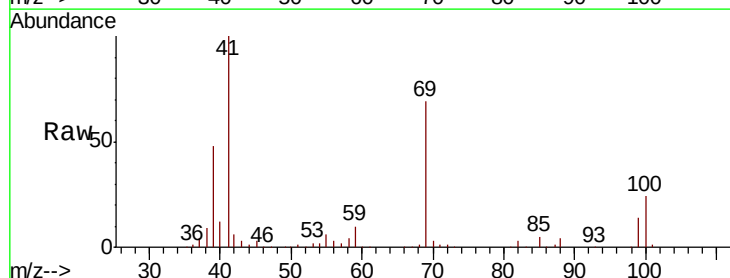
Tgt Ion: 41 Resp: 56428

Ion Ratio Lower Upper

41 100

69 71.4 59.1 88.7

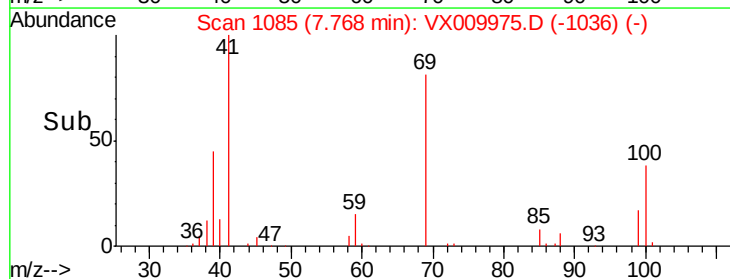
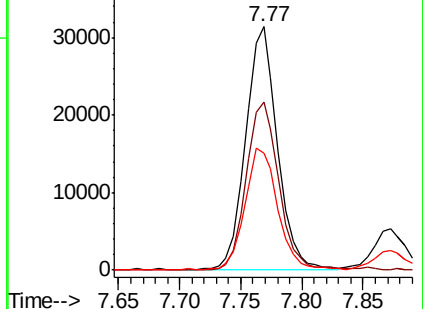
39 52.4 40.4 60.6

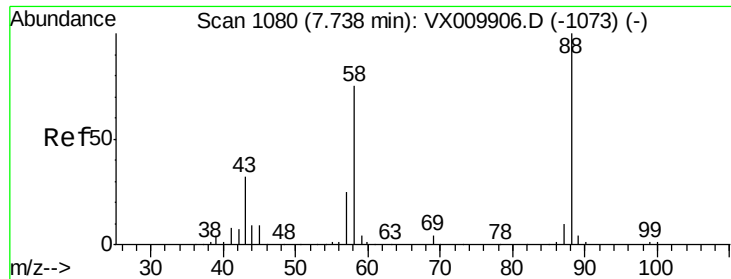


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

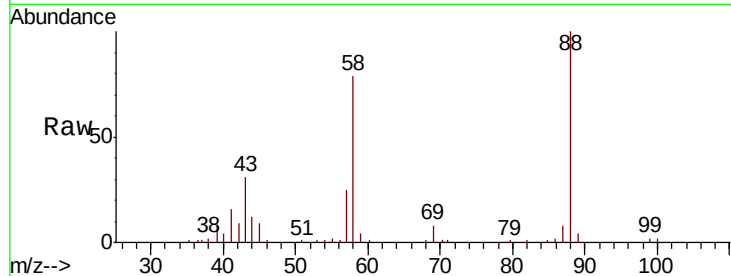




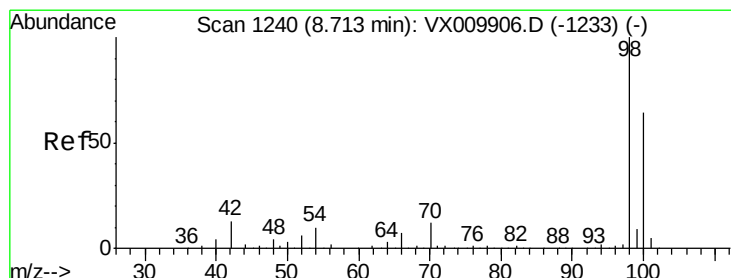
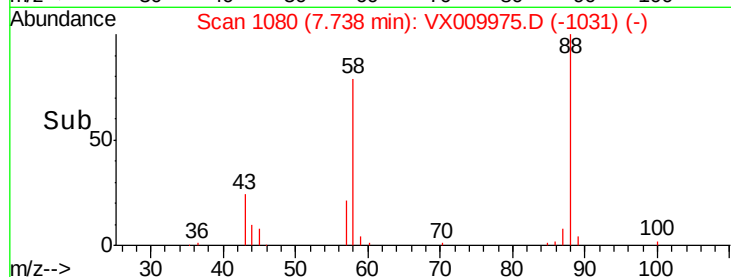
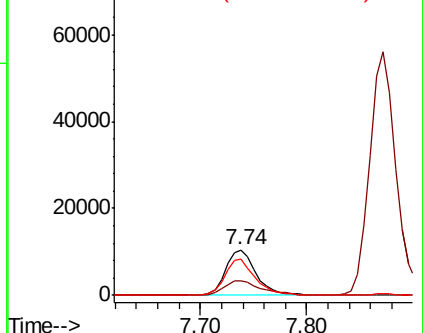
#49
1,4-Dioxane
Concen: 385.761 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

Tgt Ion: 88 Resp: 20892
Ion Ratio Lower Upper
88 100
43 36.7 28.6 42.8
58 81.2 61.7 92.5

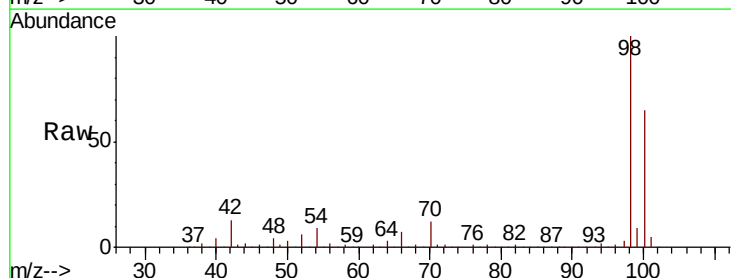


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

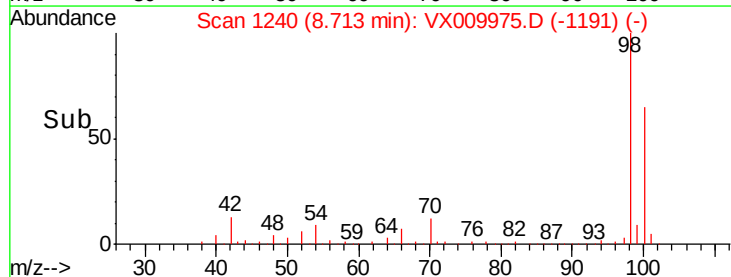
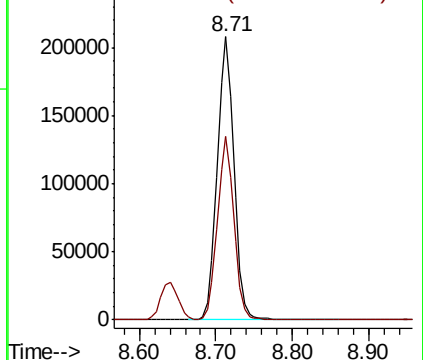


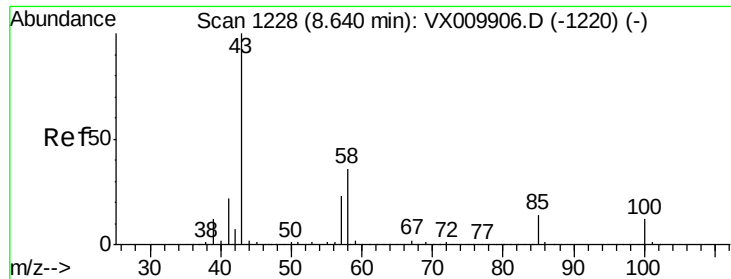
#50
Toluene-d8
Concen: 47.836 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion: 98 Resp: 314884
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 98.314 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

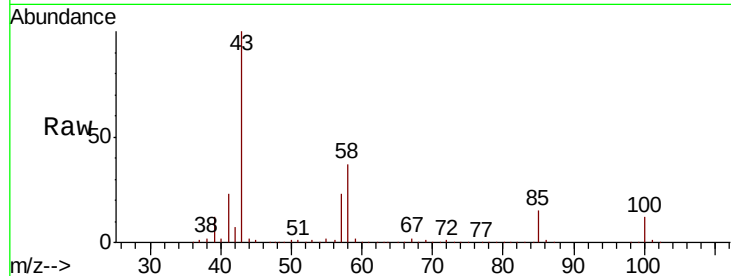
VX0531WBS01

Tgt Ion: 43 Resp: 376152

Ion Ratio Lower Upper

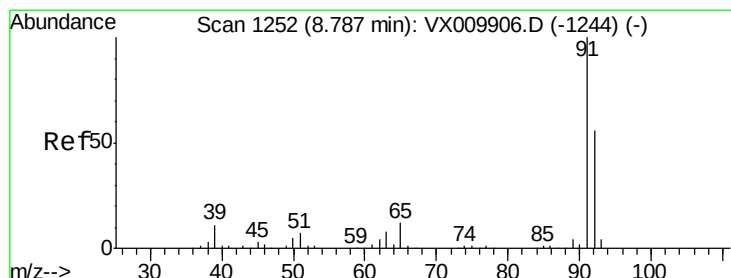
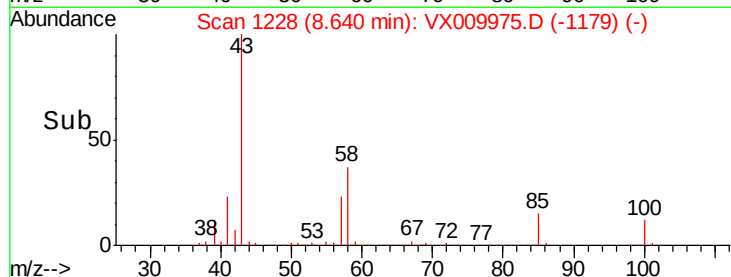
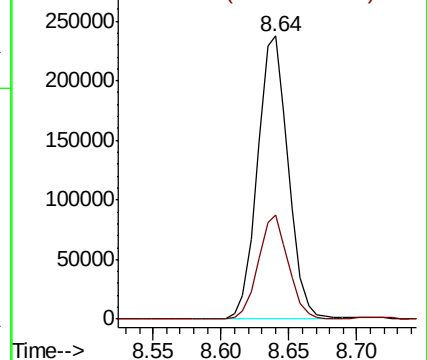
43 100

58 35.9 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.572 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009975.D

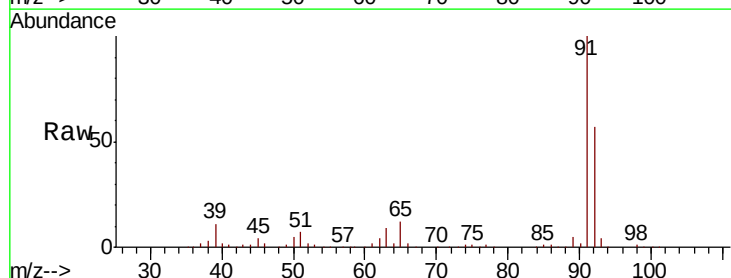
Acq: 31 May 2019 10:51

Tgt Ion: 92 Resp: 96932

Ion Ratio Lower Upper

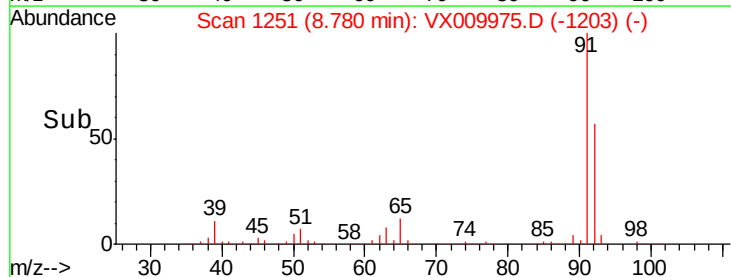
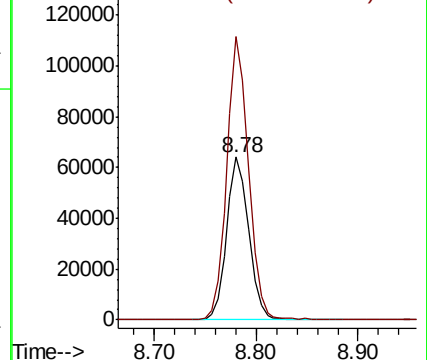
92 100

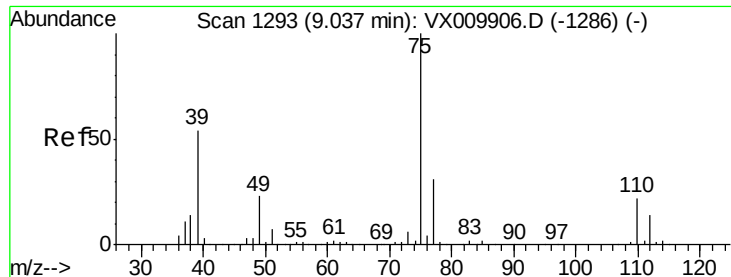
91 170.7 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

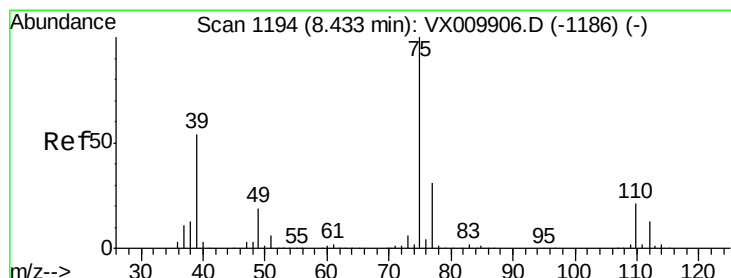
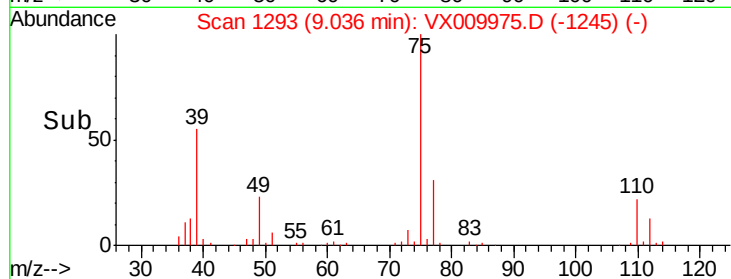
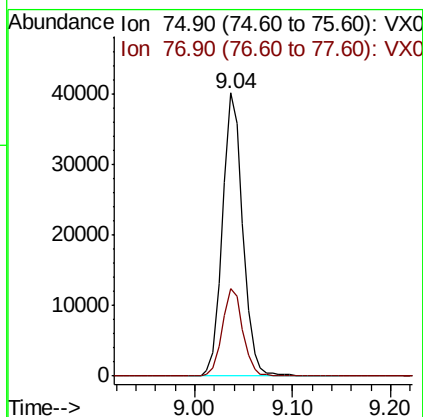
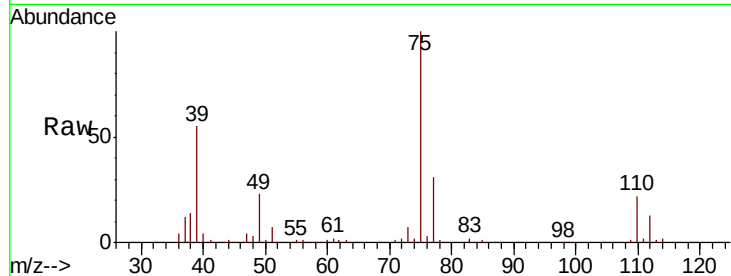




#53
 t-1,3-Dichloropropene
 Concen: 19.313 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

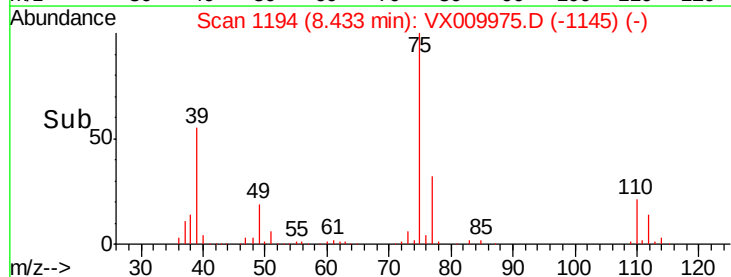
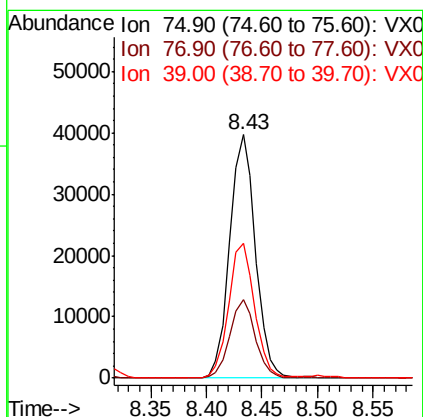
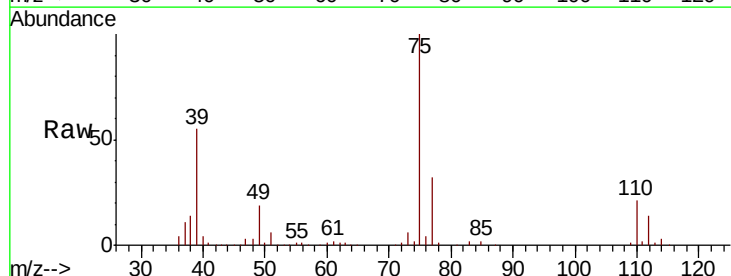
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

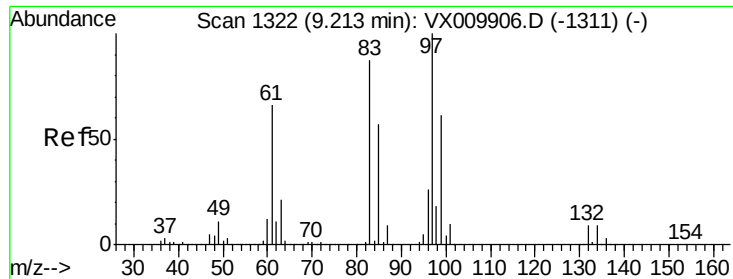
Tgt Ion: 75 Resp: 57916
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.491 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion: 75 Resp: 63686
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.6 36.8
 39 55.0 40.6 60.8

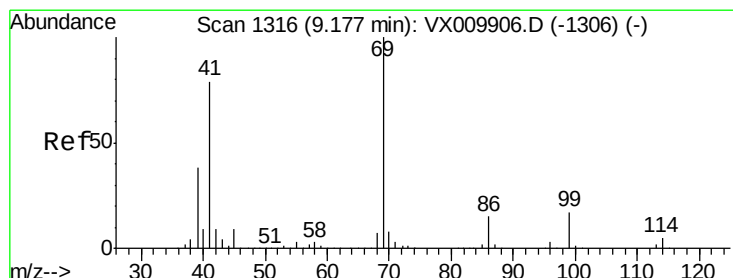
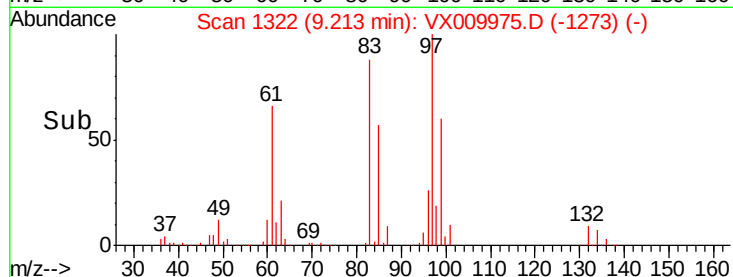
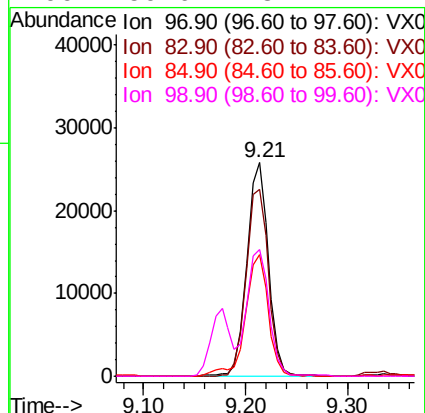
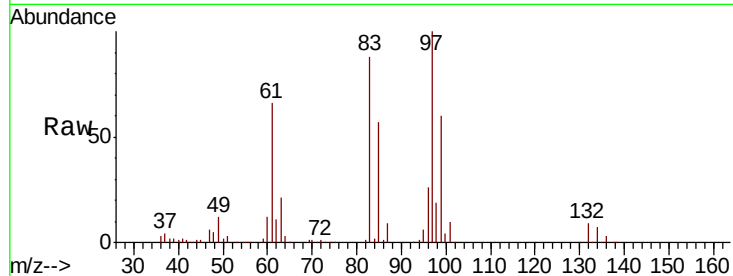




#55
 1,1,2-Trichloroethane
 Concen: 19.941 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

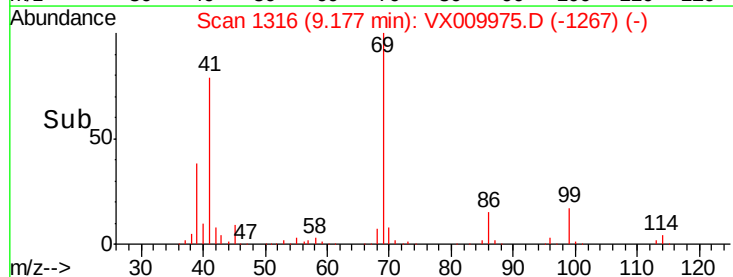
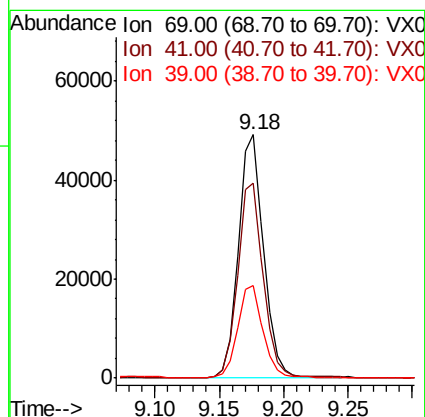
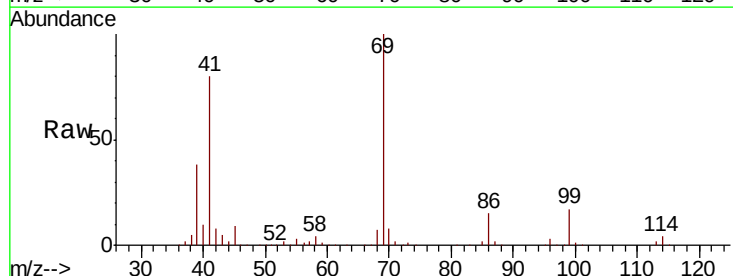
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

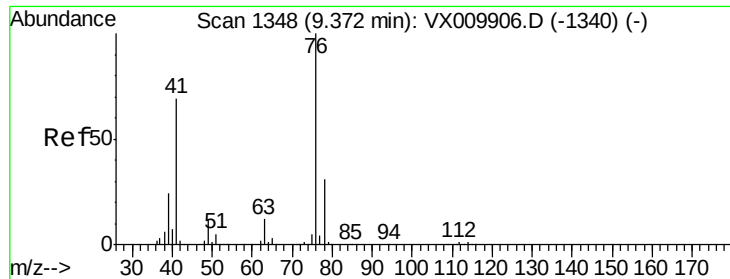
Tgt Ion:	97	Resp:	37817
Ion	Ratio	Lower	Upper
97	100		
83	87.7	68.9	103.3
85	57.0	43.8	65.6
99	59.6	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 19.783 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion:	69	Resp:	66792
Ion	Ratio	Lower	Upper
69	100		
41	80.8	60.6	90.8
39	38.6	28.2	42.4





#57

1,3-Dichloropropane

Concen: 19.731 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampled :

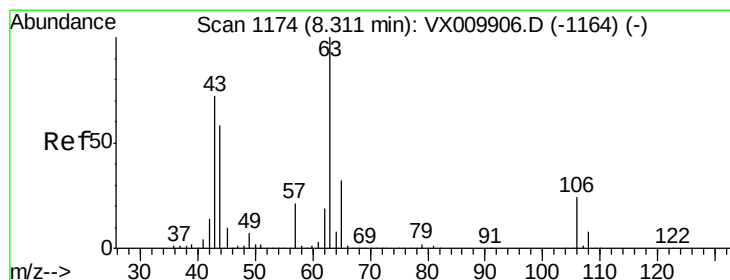
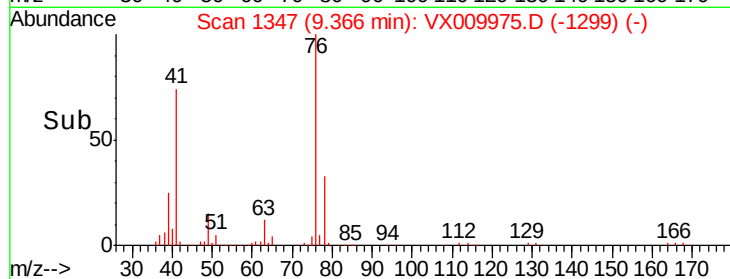
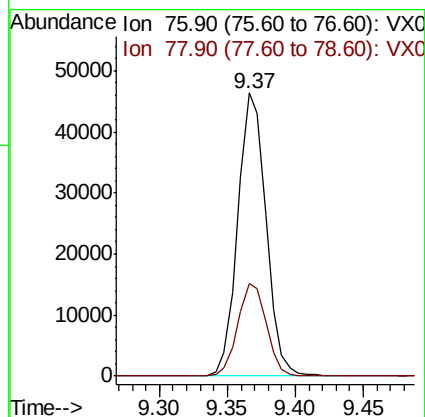
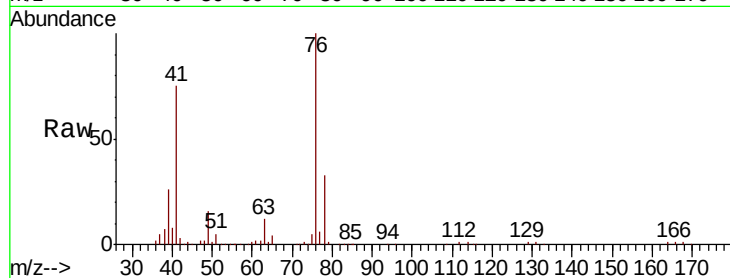
VX0531WBS01

Tgt Ion: 76 Resp: 67200

Ion Ratio Lower Upper

76 100

78 33.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 93.950 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009975.D

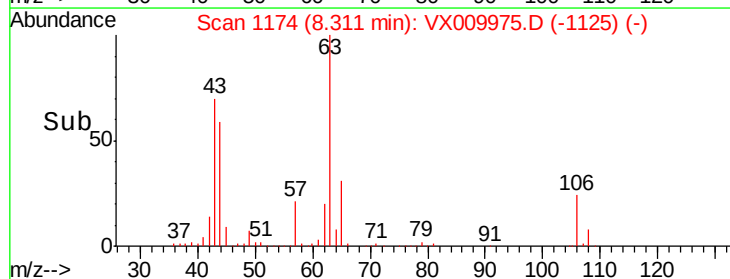
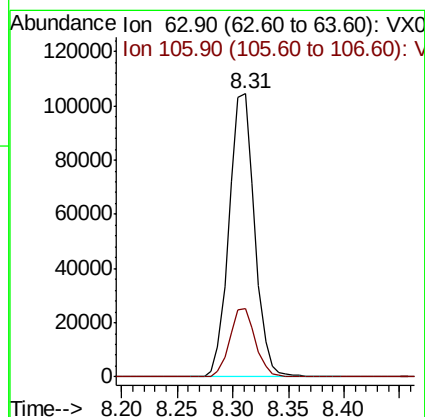
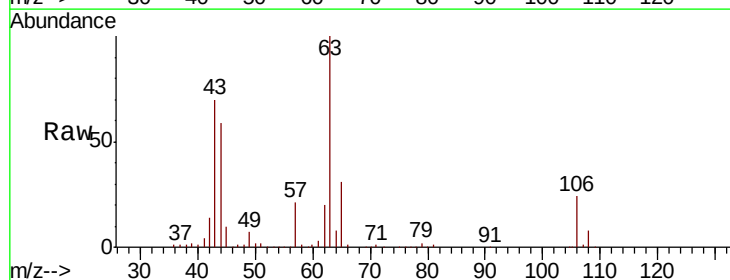
Acq: 31 May 2019 10:51

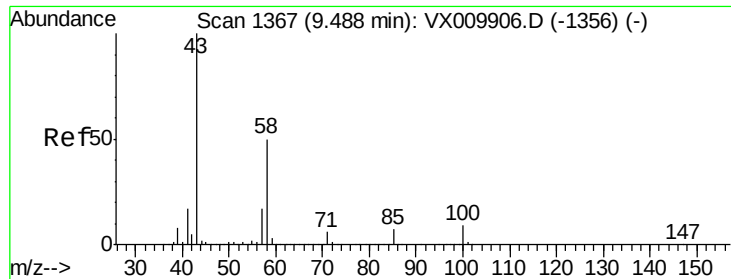
Tgt Ion: 63 Resp: 166331

Ion Ratio Lower Upper

63 100

106 24.3 19.7 29.5

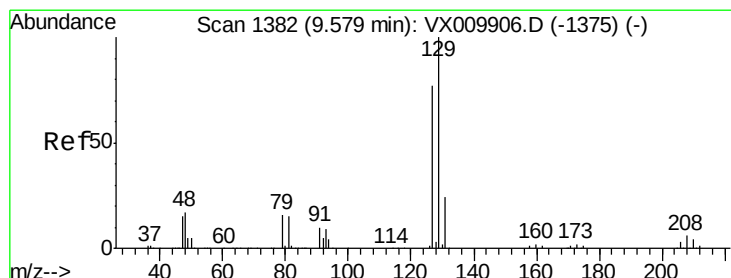
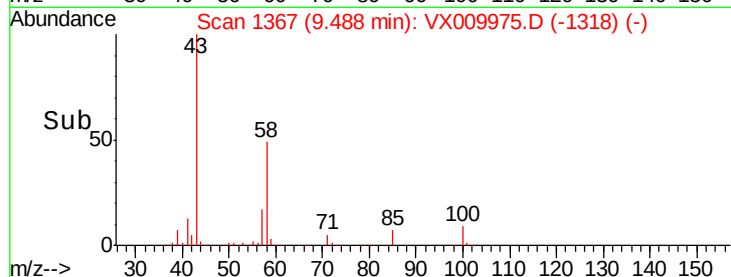
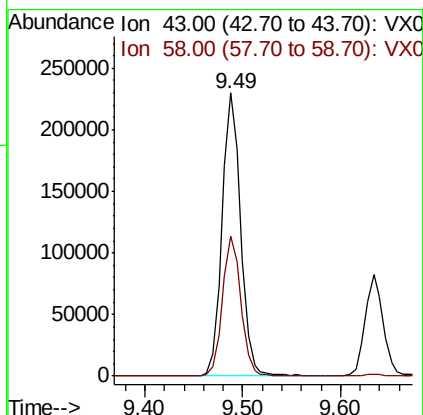
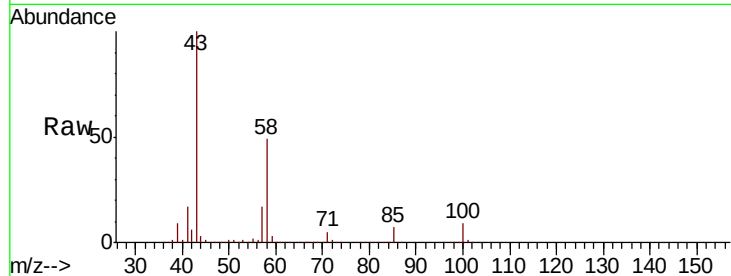




#59
2-Hexanone
Concen: 102.789 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

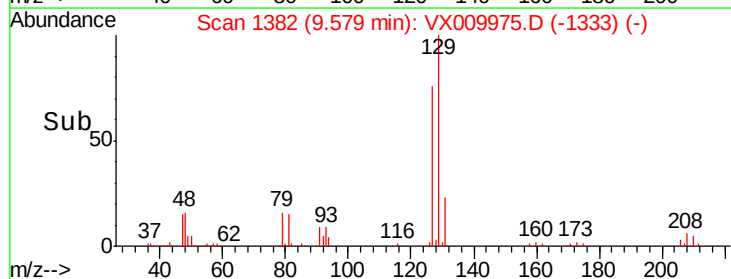
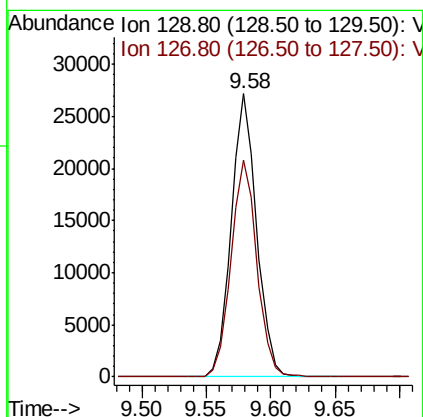
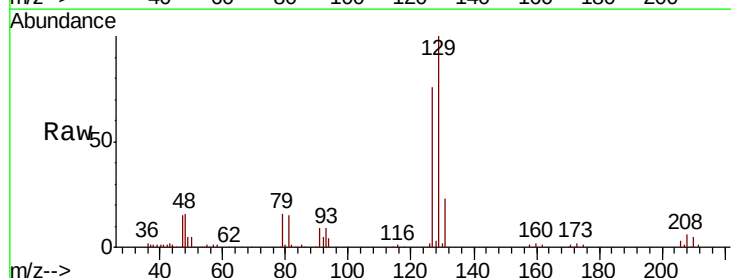
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

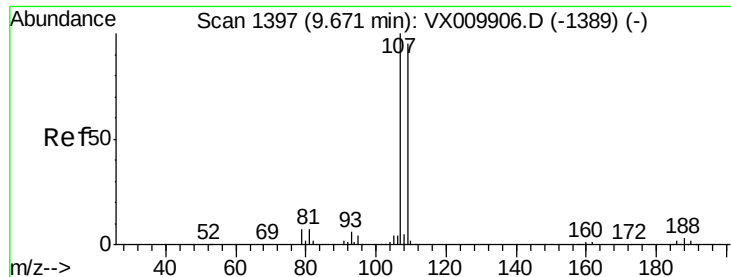
Tgt Ion: 43 Resp: 302782
Ion Ratio Lower Upper
43 100
58 49.4 25.9 77.7



#60
Dibromochloromethane
Concen: 20.088 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion: 129 Resp: 37475
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 19.901 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

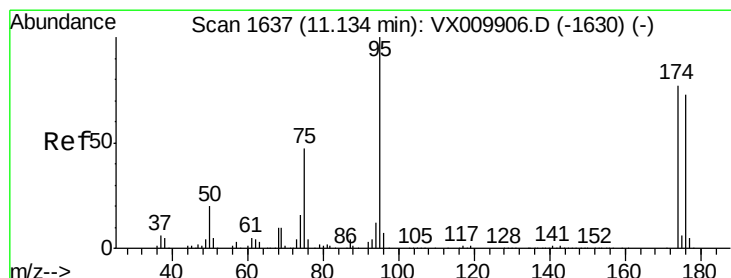
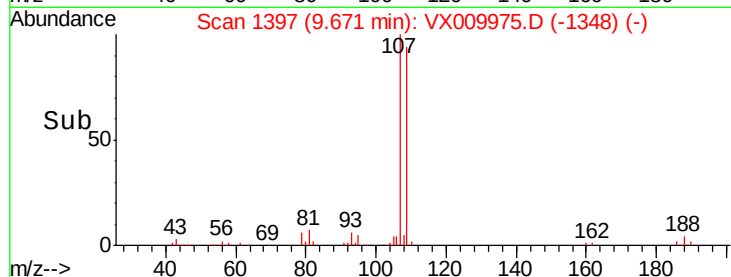
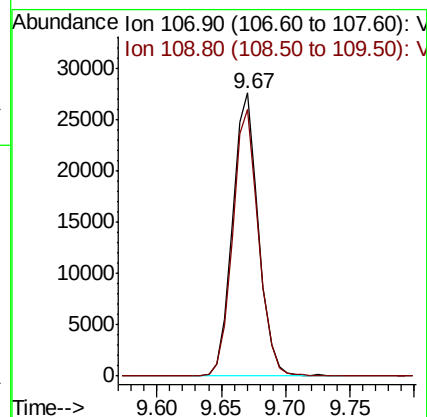
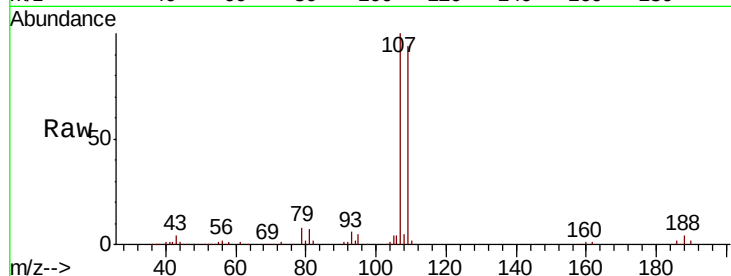
VX0531WBS01

Tgt Ion: 107 Resp: 38774

Ion Ratio Lower Upper

107 100

109 94.4 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 48.786 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

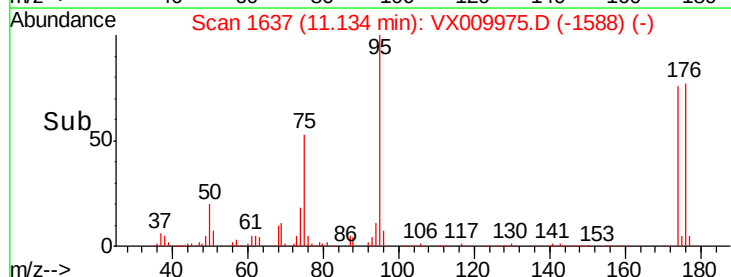
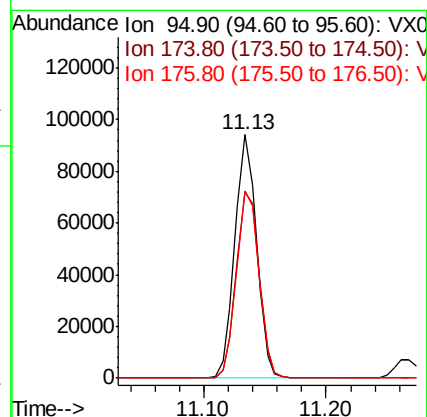
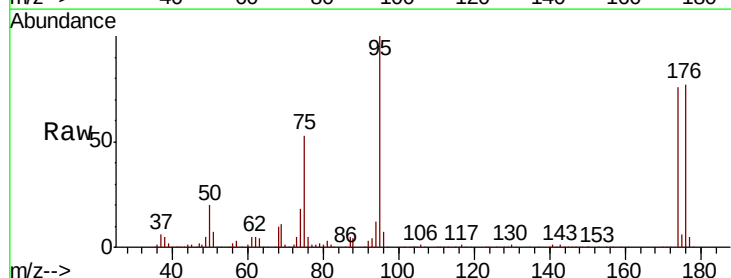
Tgt Ion: 95 Resp: 115347

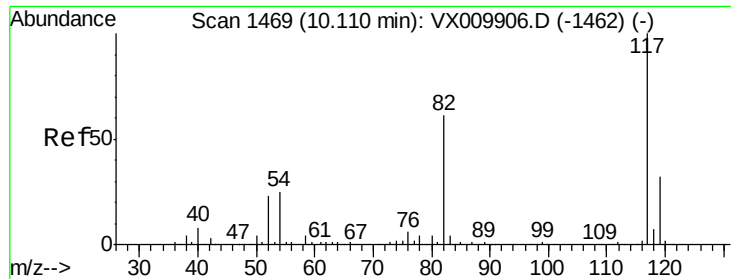
Ion Ratio Lower Upper

95 100

174 80.5 0.0 161.6

176 79.4 0.0 159.2

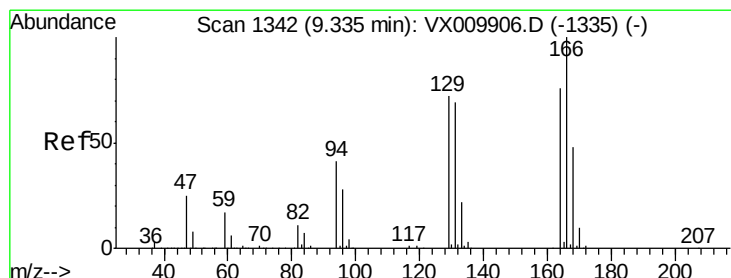
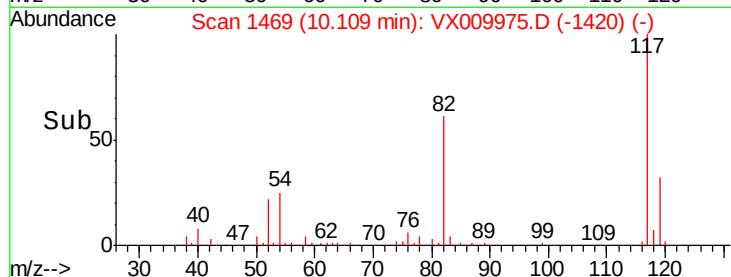
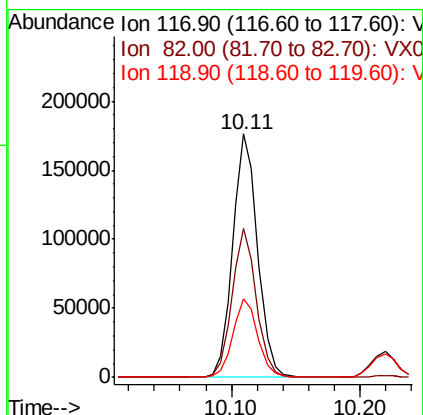
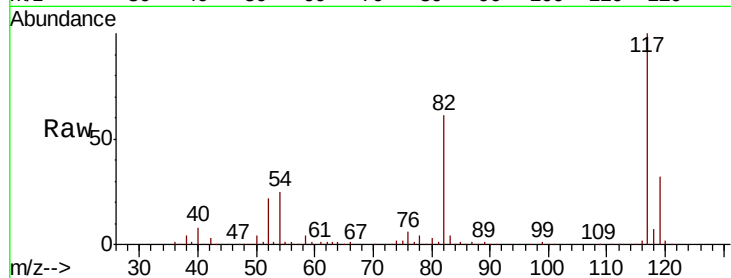




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

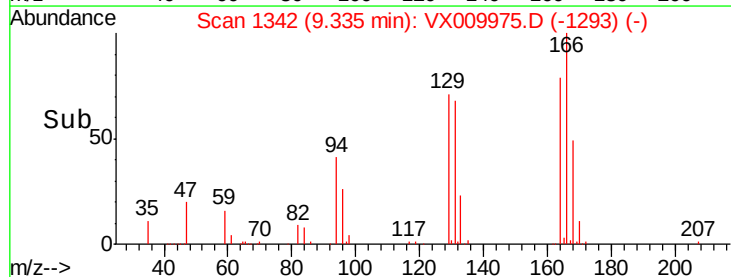
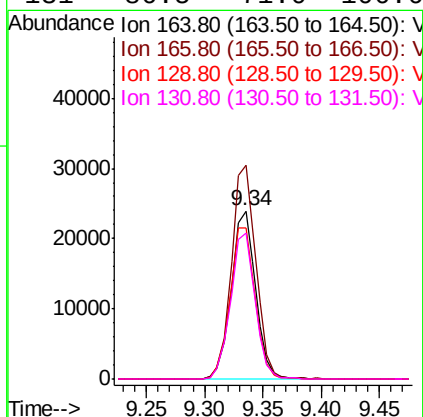
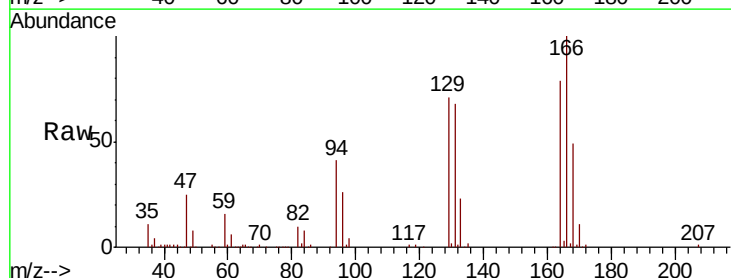
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

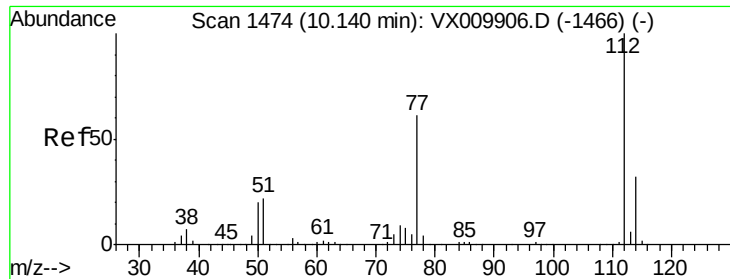
Tgt Ion:117 Resp: 237059
Ion Ratio Lower Upper
117 100
82 61.1 48.8 73.2
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 21.074 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion:164 Resp: 34896
Ion Ratio Lower Upper
164 100
166 127.0 101.2 151.8
129 90.1 74.3 111.5
131 86.5 71.0 106.6

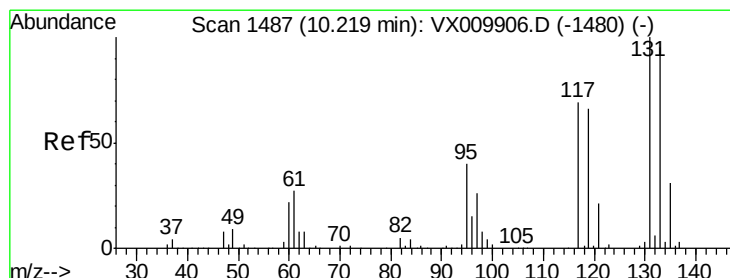
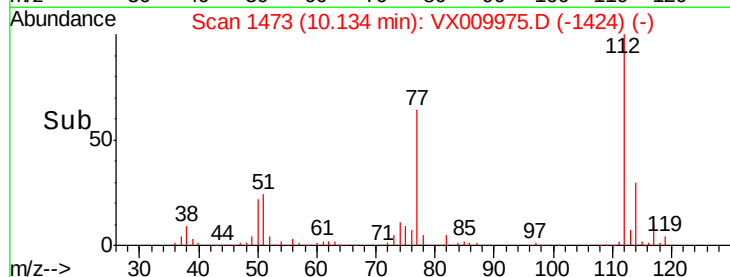
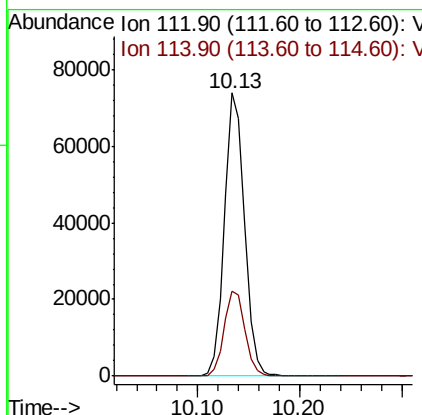
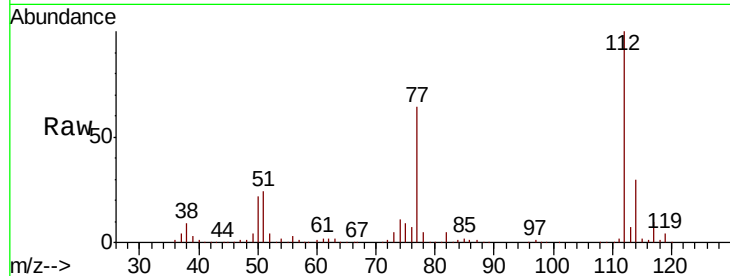




#65
Chlorobenzene
Concen: 20.327 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

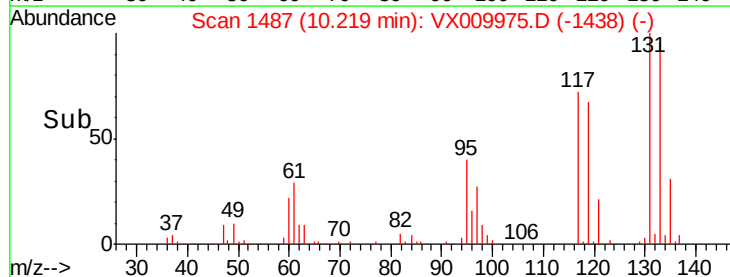
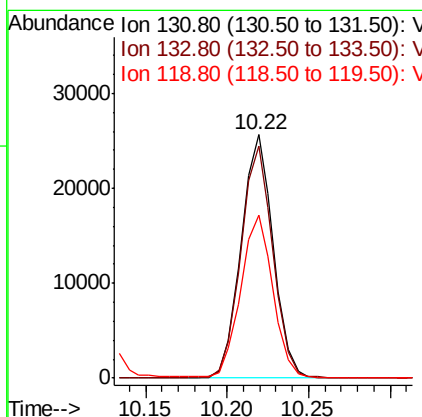
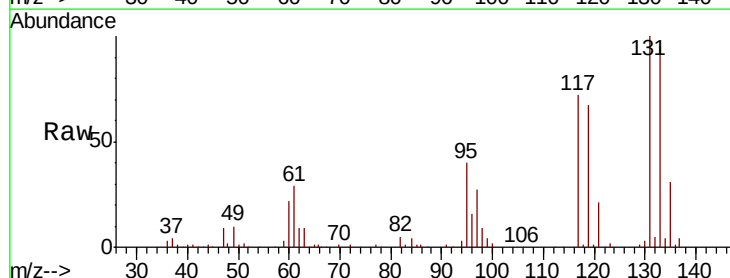
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

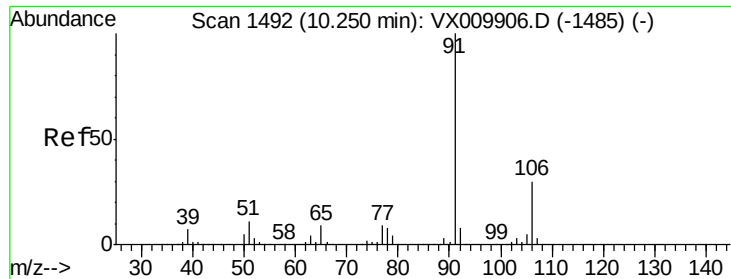
Tgt Ion:112 Resp: 100882
Ion Ratio Lower Upper
112 100
114 30.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.349 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion:131 Resp: 35027
Ion Ratio Lower Upper
131 100
133 95.6 47.7 143.1
119 67.6 33.5 100.4





#67

Ethyl Benzene

Concen: 20.863 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

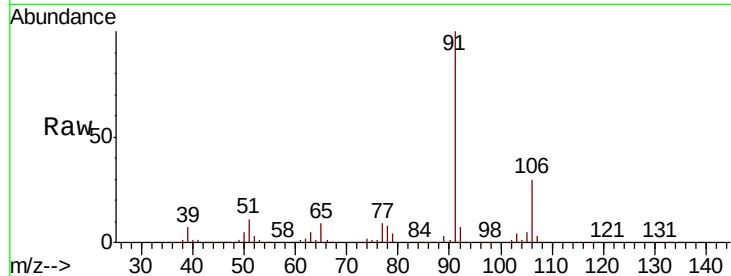
VX0531WBS01

Tgt Ion: 91 Resp: 185912

Ion Ratio Lower Upper

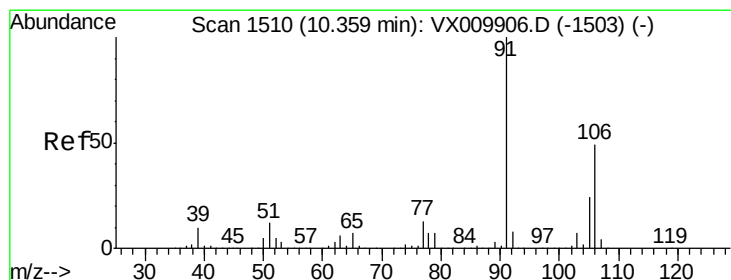
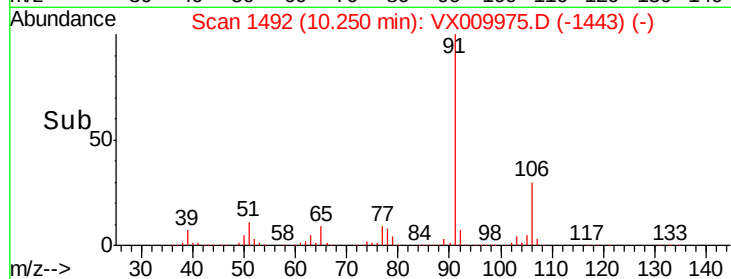
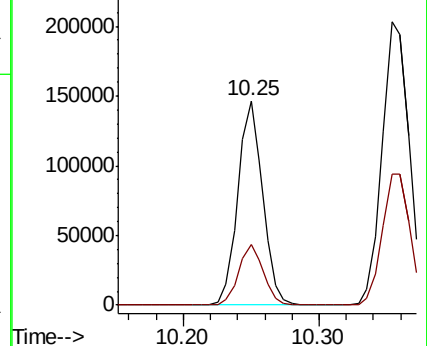
91 100

106 29.9 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.753 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009975.D

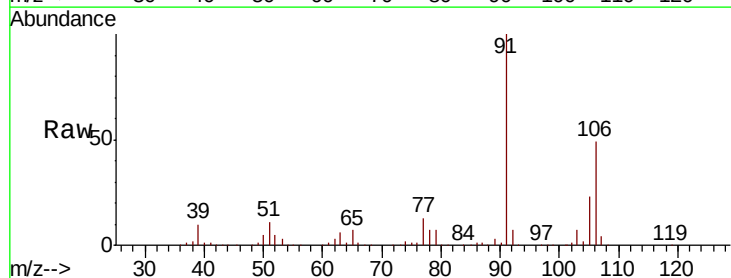
Acq: 31 May 2019 10:51

Tgt Ion: 106 Resp: 134160

Ion Ratio Lower Upper

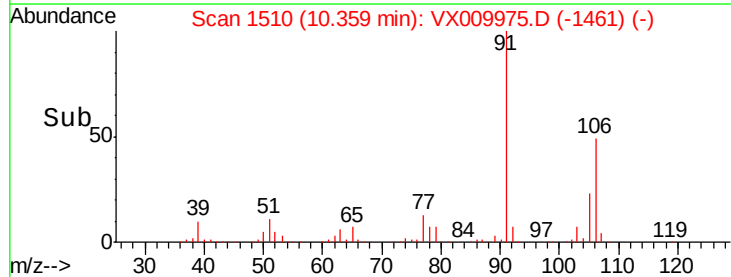
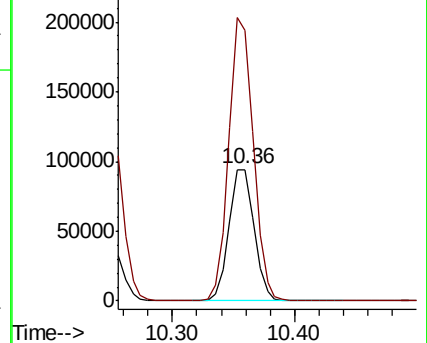
106 100

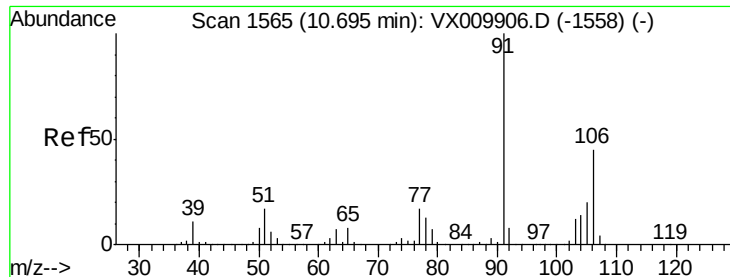
91 210.9 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

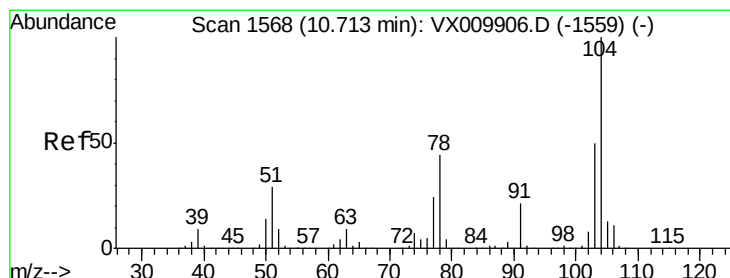
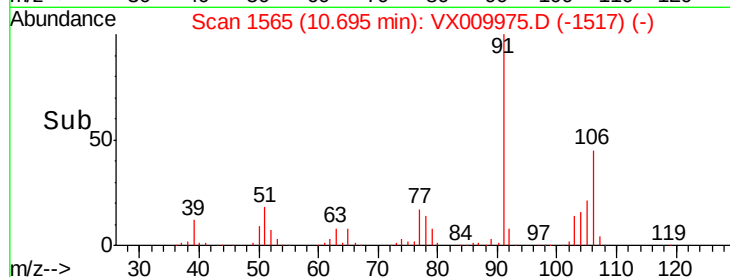
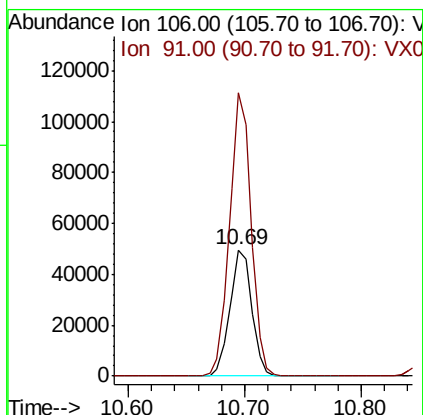
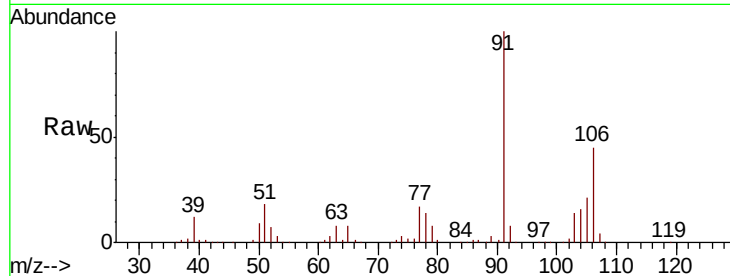




#69
o-Xylene
Concen: 20.640 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

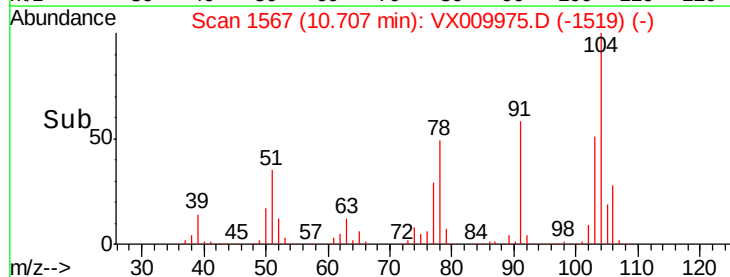
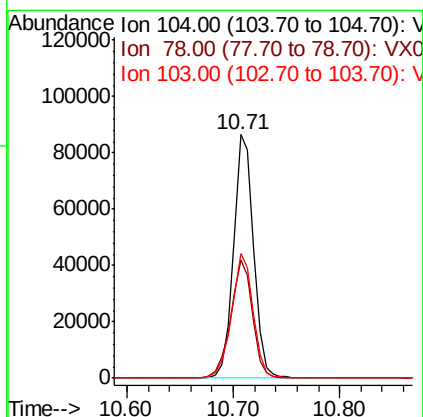
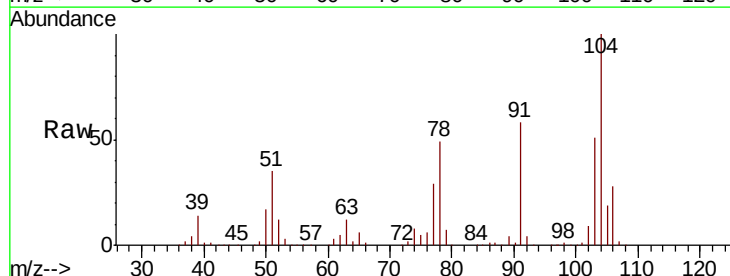
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

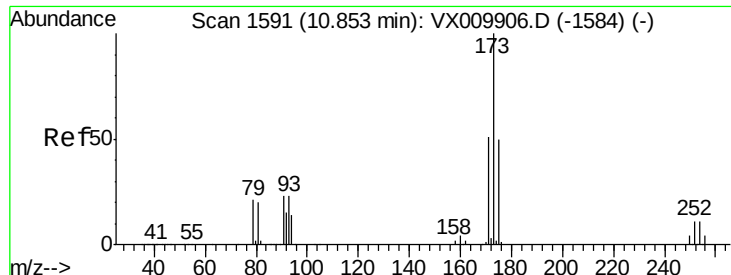
Tgt Ion:106 Resp: 65165
Ion Ratio Lower Upper
106 100
91 220.0 109.5 328.4



#70
Styrene
Concen: 20.610 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion:104 Resp: 114098
Ion Ratio Lower Upper
104 100
78 52.8 41.0 61.4
103 54.9 43.8 65.6





#71

Bromoform

Concen: 20.005 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampled :

VX0531WBS01

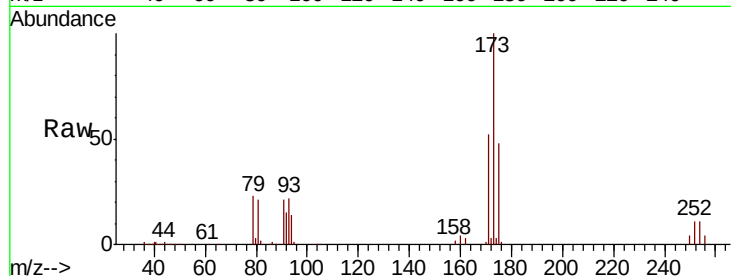
Tgt Ion:173 Resp: 28148

Ion Ratio Lower Upper

173 100

175 48.7 24.5 73.5

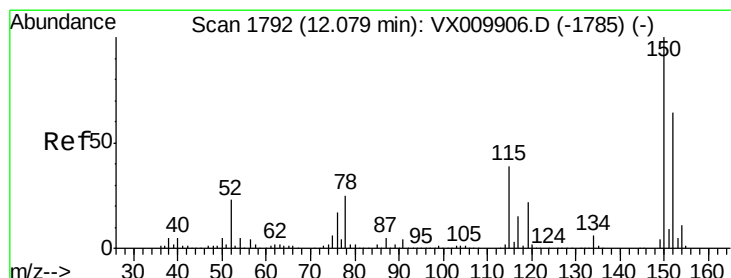
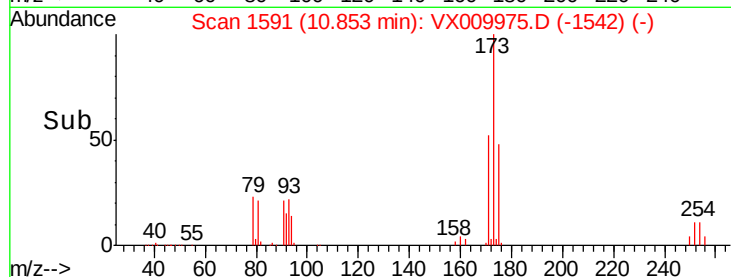
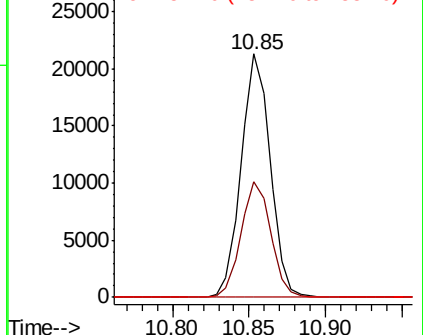
254 0.0 0.1 0.1#



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: VX009975.D

Acq: 31 May 2019 10:51

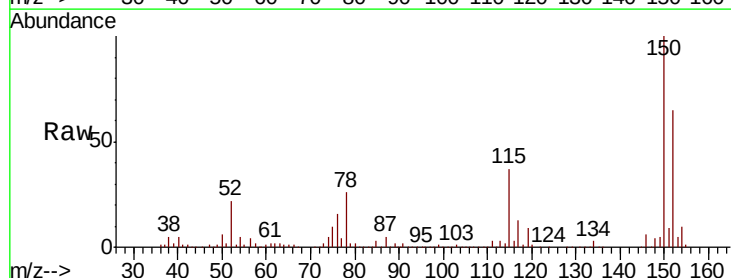
Tgt Ion:152 Resp: 117390

Ion Ratio Lower Upper

152 100

115 69.1 41.2 123.6

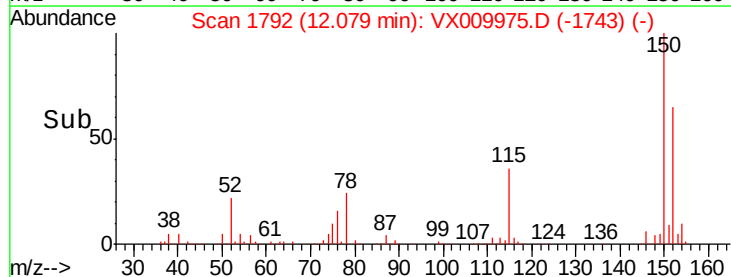
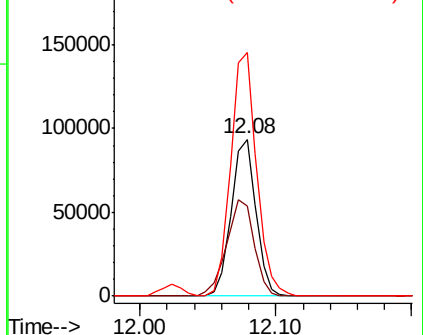
150 164.2 0.0 346.4

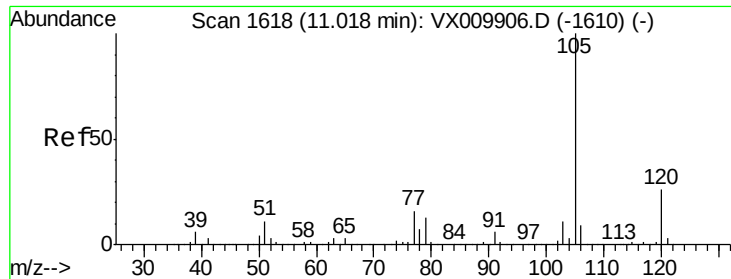


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

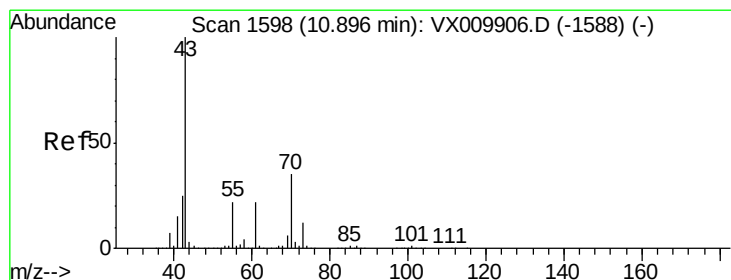
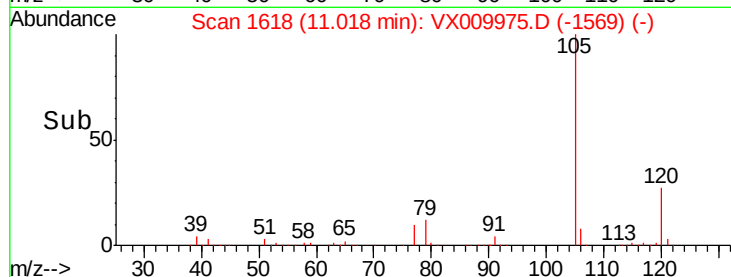
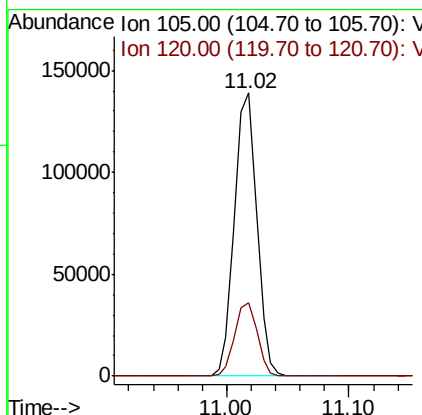
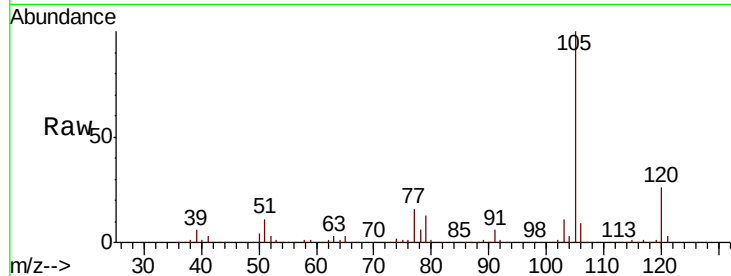




#73
Isopropylbenzene
Concen: 20.331 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

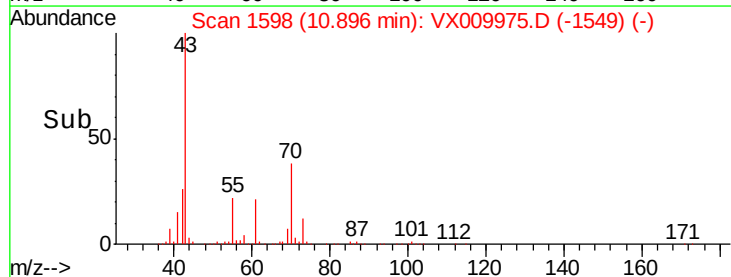
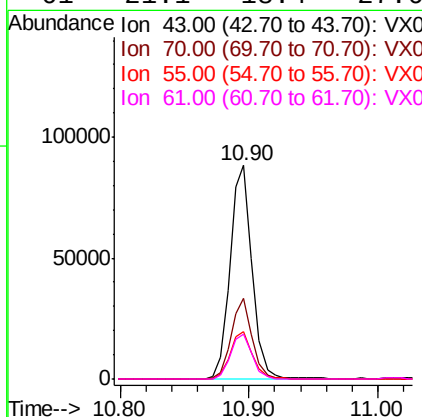
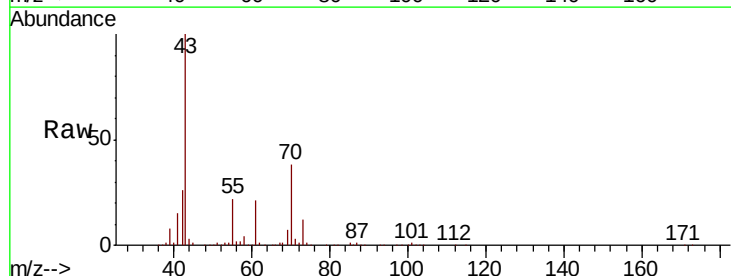
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

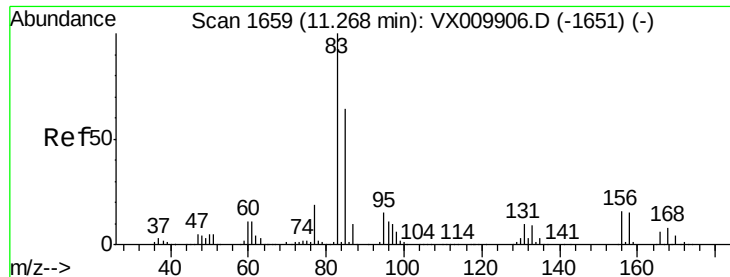
Tgt Ion: 105 Resp: 176094
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.3



#74
N-ethyl acetate
Concen: 20.302 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion: 43 Resp: 105073
Ion Ratio Lower Upper
43 100
70 35.9 30.0 45.0
55 22.7 17.9 26.9
61 21.1 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.038 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

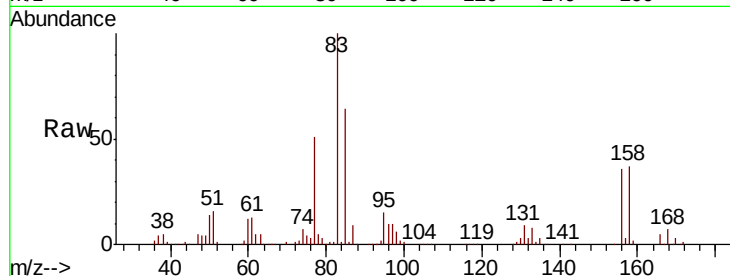
Tgt Ion: 83 Resp: 64748

Ion Ratio Lower Upper

83 100

131 9.0 4.6 13.8

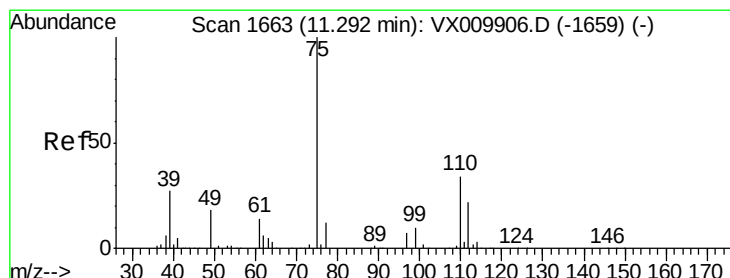
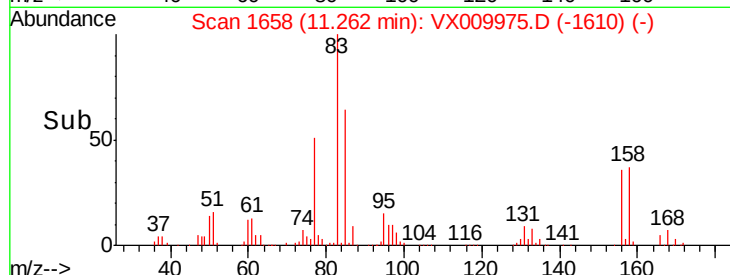
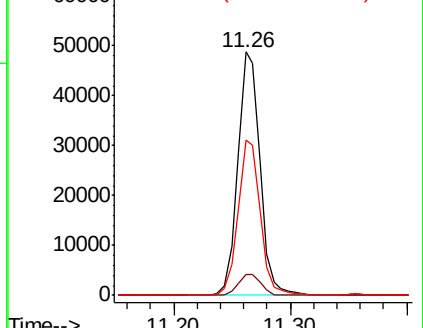
85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.883 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009975.D

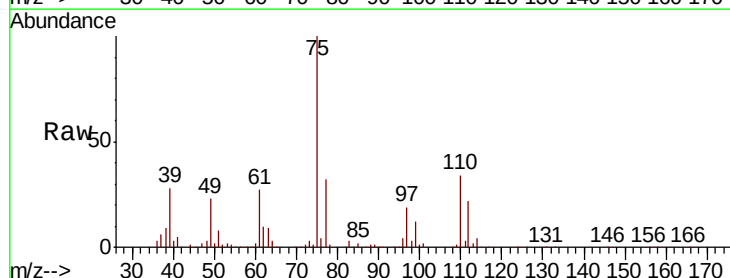
Acq: 31 May 2019 10:51

Tgt Ion: 75 Resp: 76043

Ion Ratio Lower Upper

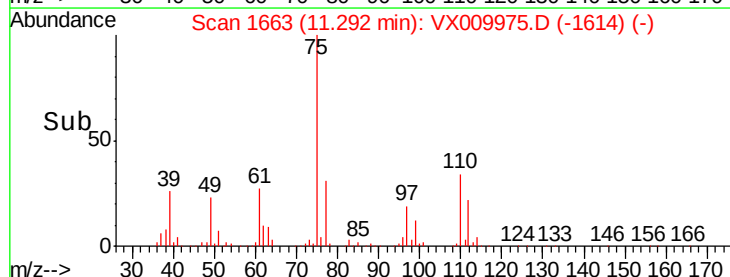
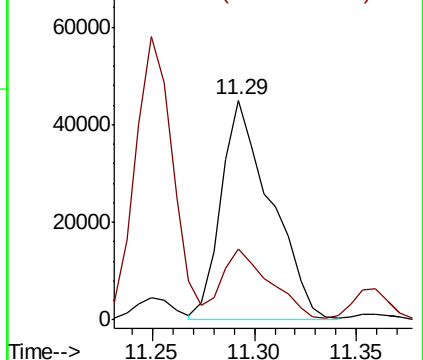
75 100

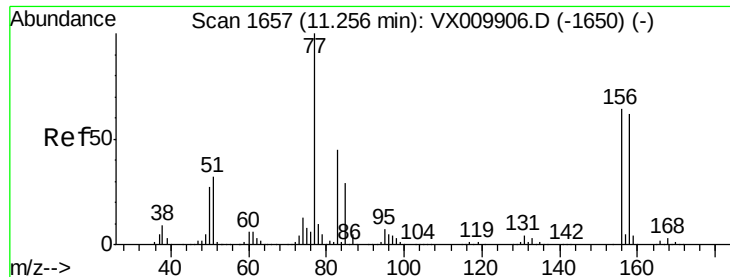
77 31.6 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.316 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

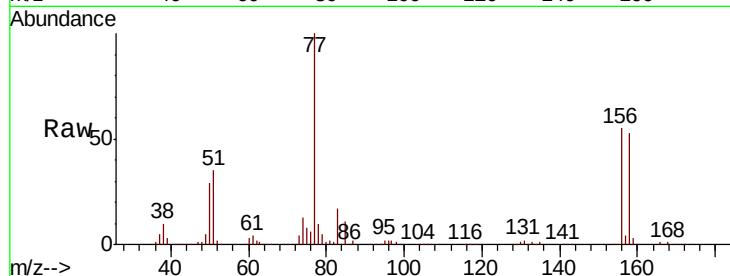
Tgt Ion:156 Resp: 42636

Ion Ratio Lower Upper

156 100

77 174.2 84.8 254.3

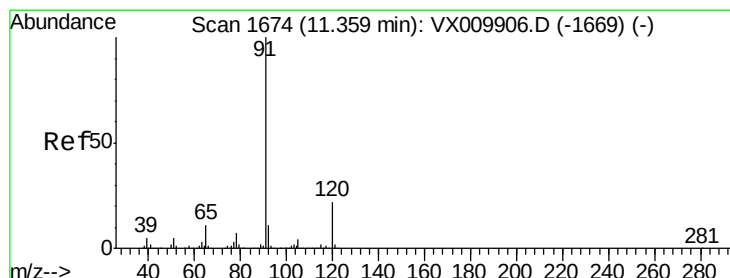
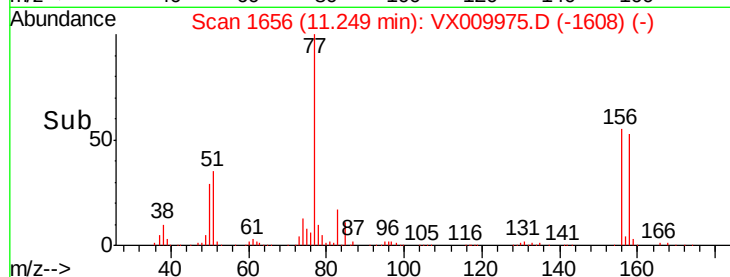
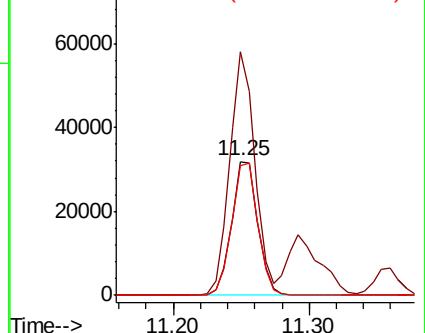
158 98.6 49.1 147.3



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: 20.761 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009975.D

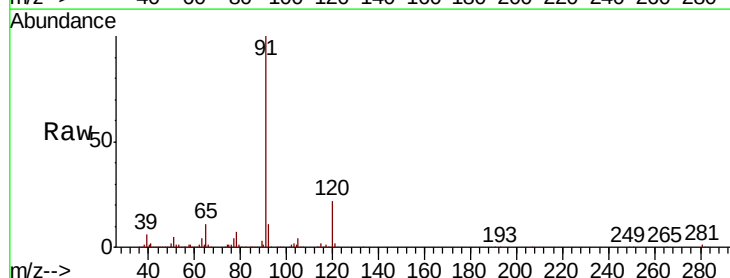
Acq: 31 May 2019 10:51

Tgt Ion: 91 Resp: 207267

Ion Ratio Lower Upper

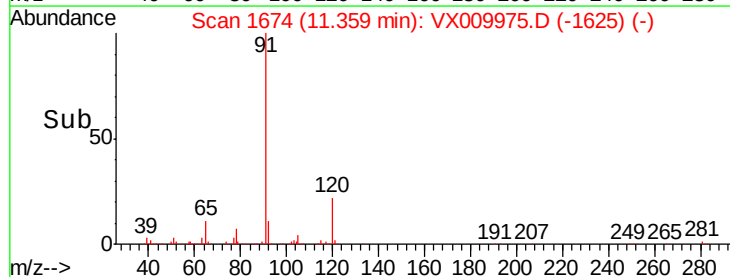
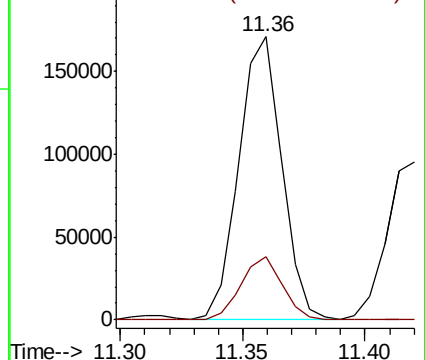
91 100

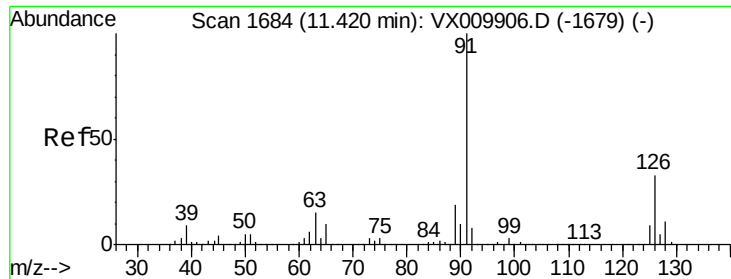
120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

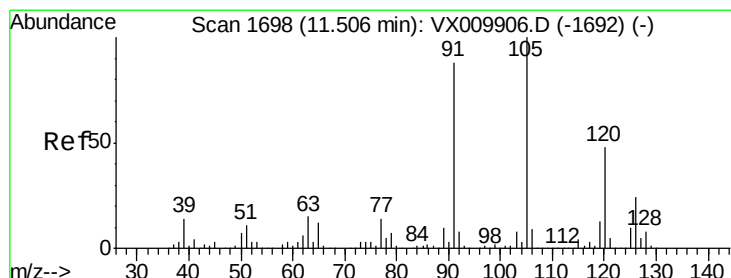
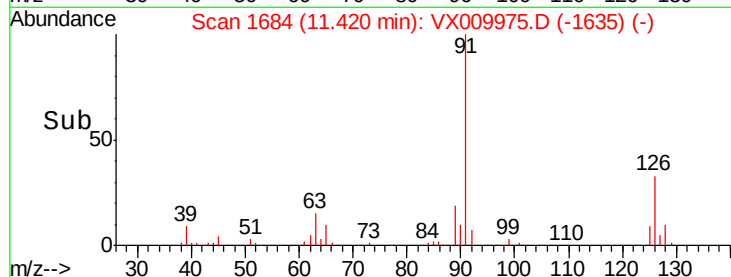
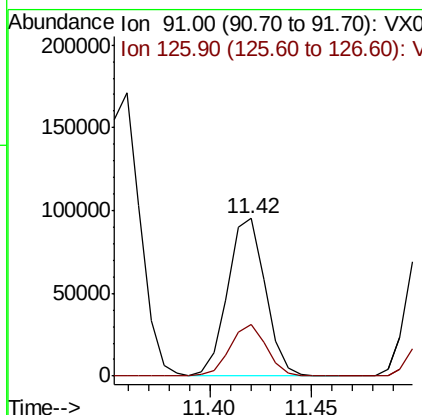
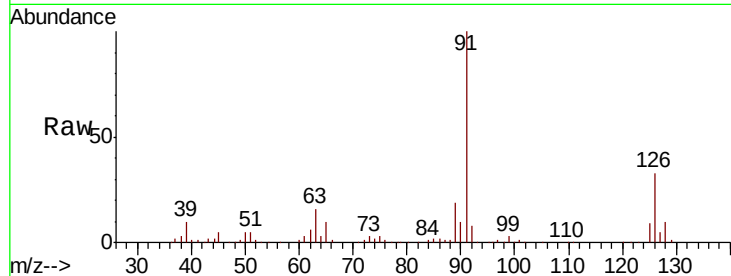




#79
 2-Chlorotoluene
 Concen: 19.798 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

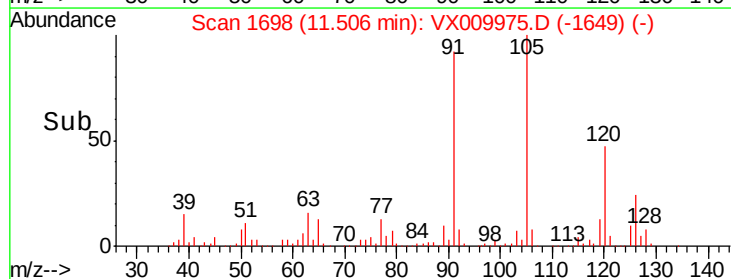
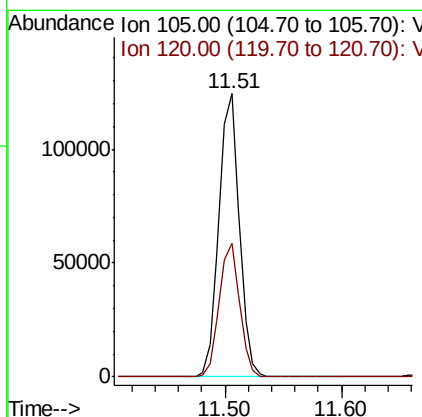
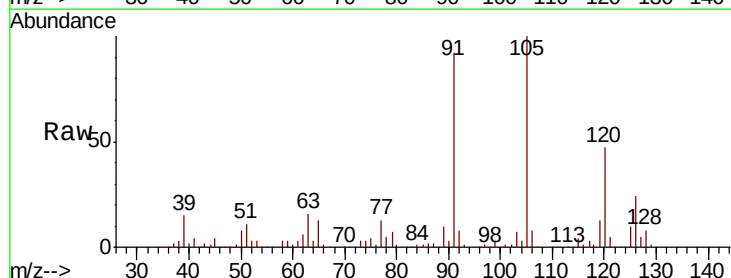
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

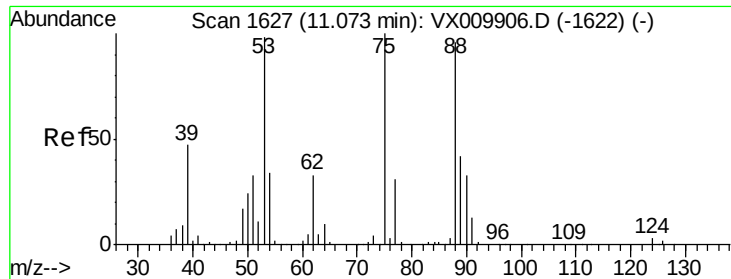
Tgt Ion: 91 Resp: 120763
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.588 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion: 105 Resp: 150225
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 18.698 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

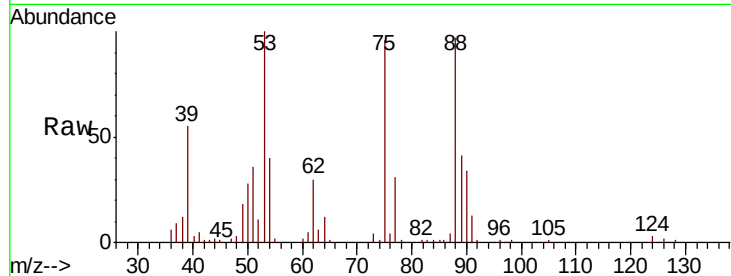
Tgt Ion: 75 Resp: 21215

Ion Ratio Lower Upper

75 100

53 106.5 79.0 118.6

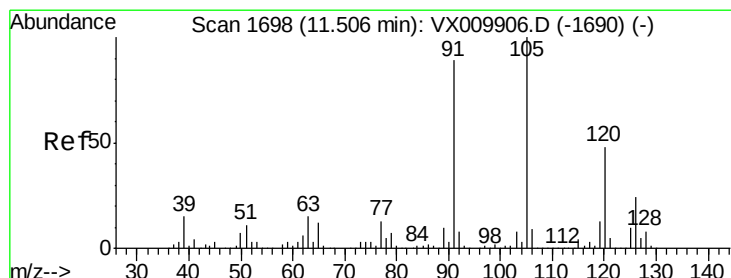
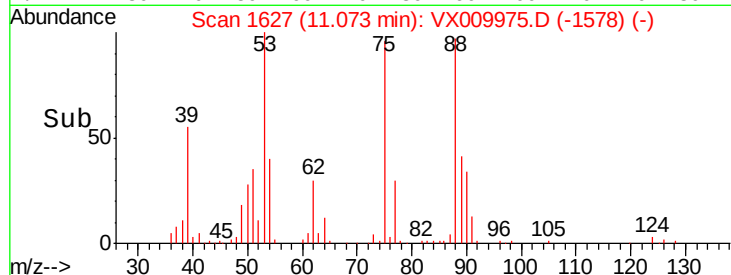
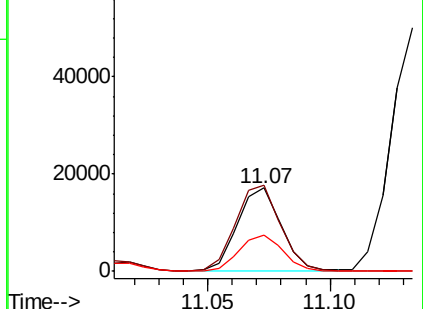
89 44.8 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.045 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009975.D

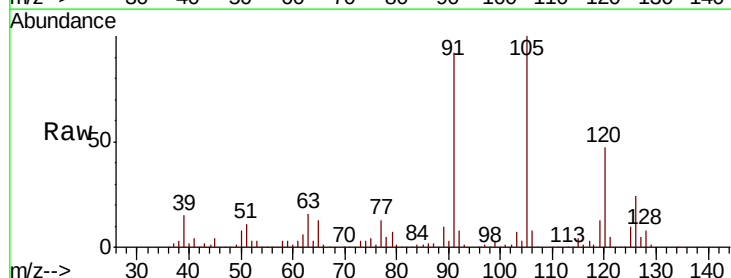
Acq: 31 May 2019 10:51

Tgt Ion: 91 Resp: 142332

Ion Ratio Lower Upper

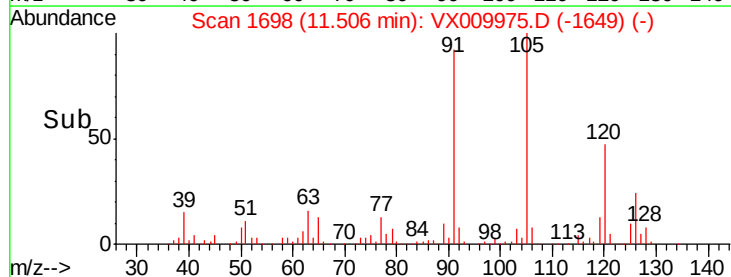
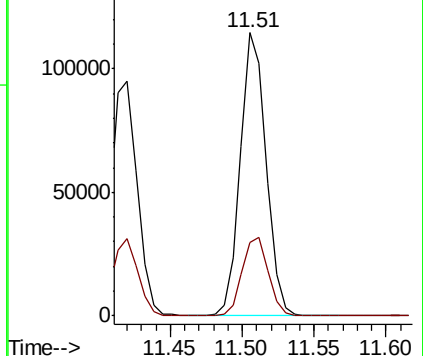
91 100

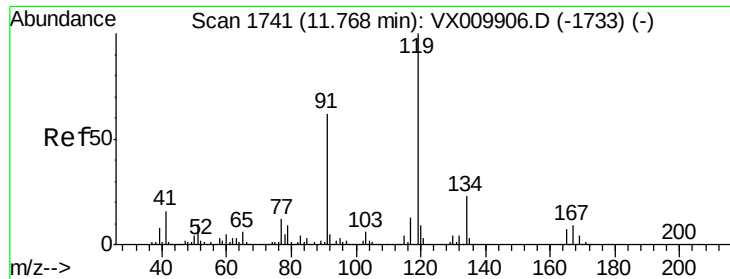
126 28.2 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

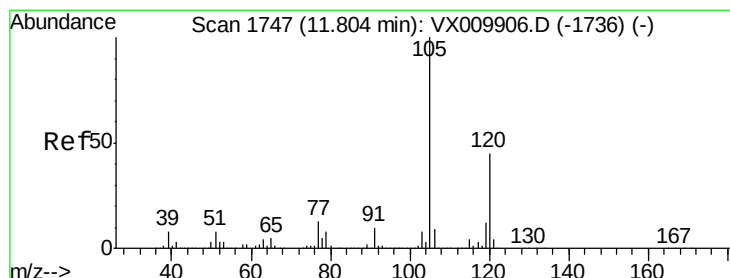
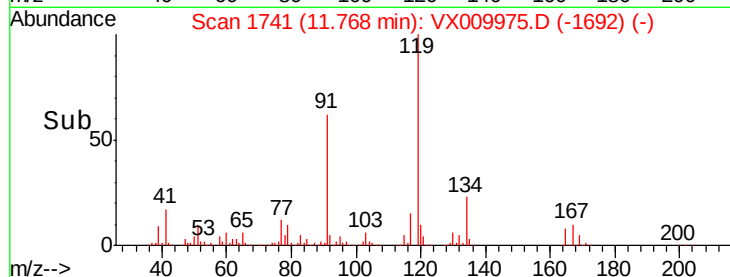
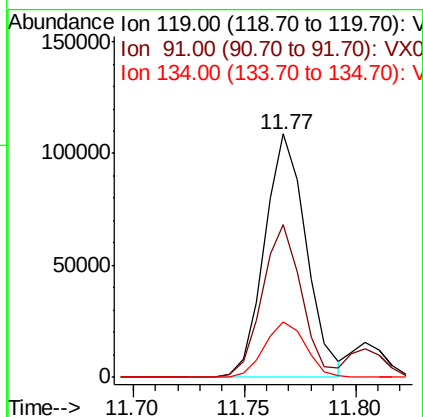
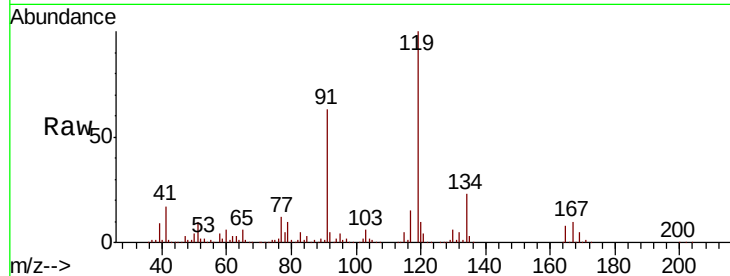




#83
 tert-Butylbenzene
 Concen: 20.217 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

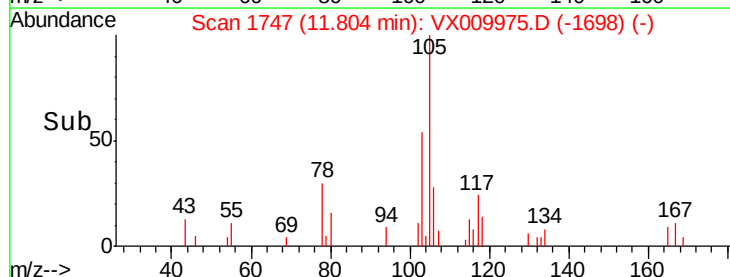
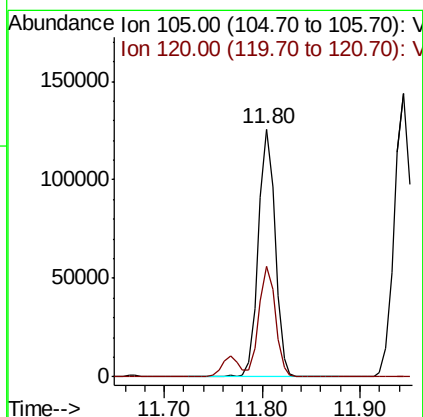
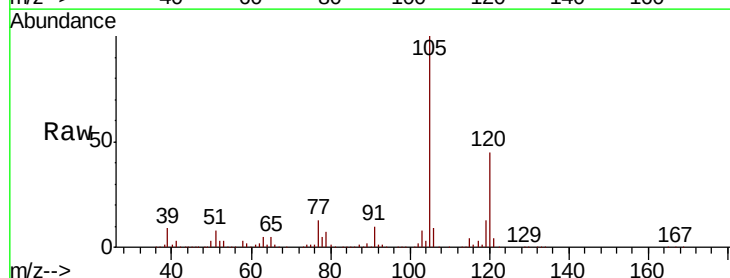
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

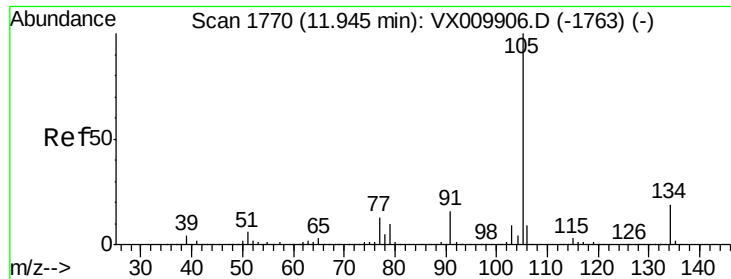
Tgt Ion:119 Resp: 141134
 Ion Ratio Lower Upper
 119 100
 91 60.2 29.5 88.5
 134 22.7 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.341 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion:105 Resp: 150734
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.0 66.0

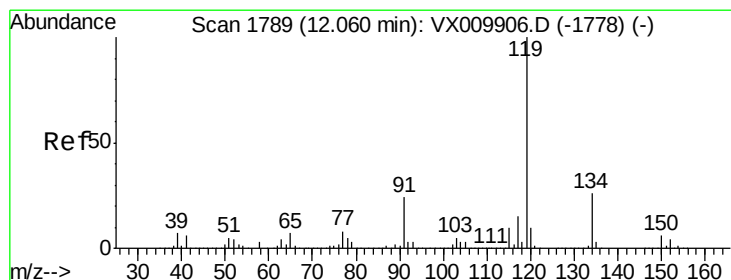
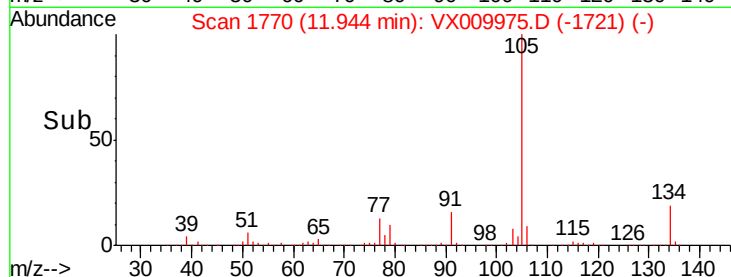
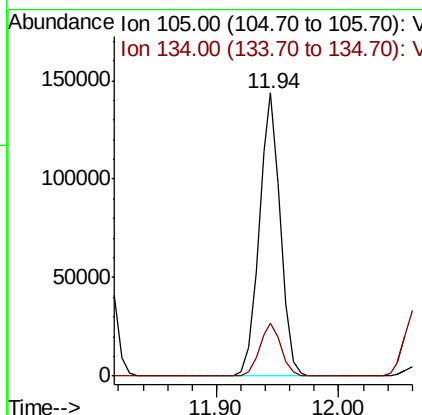
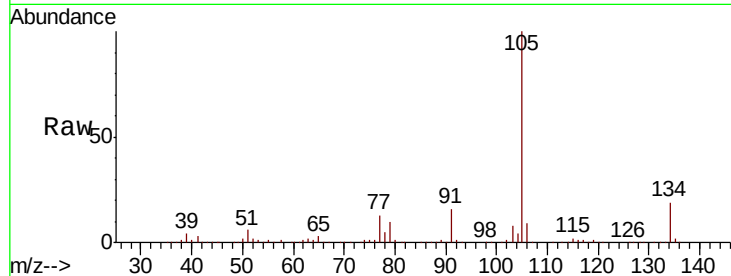




#85
 sec-Butylbenzene
 Concen: 20.751 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

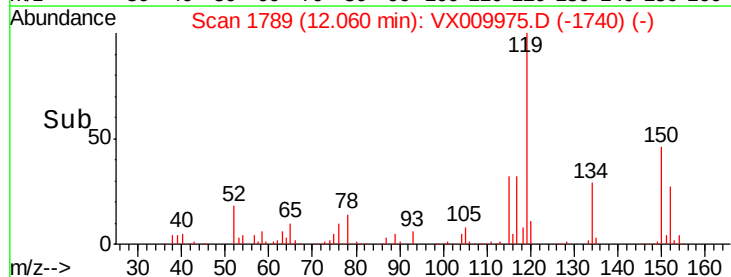
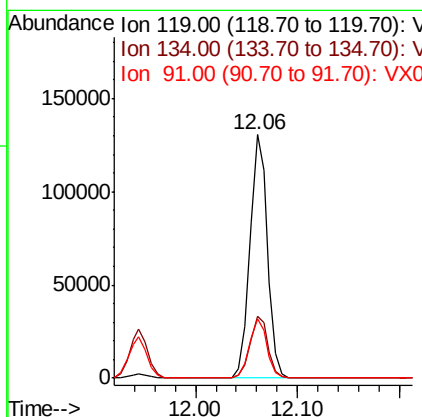
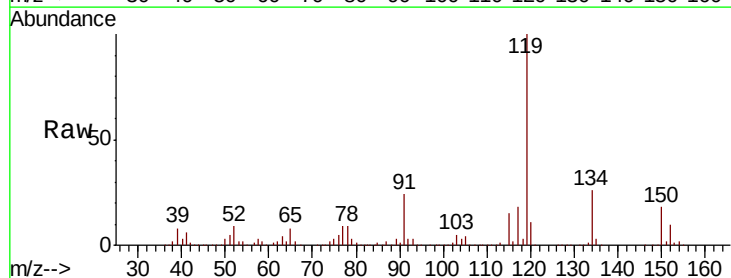
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

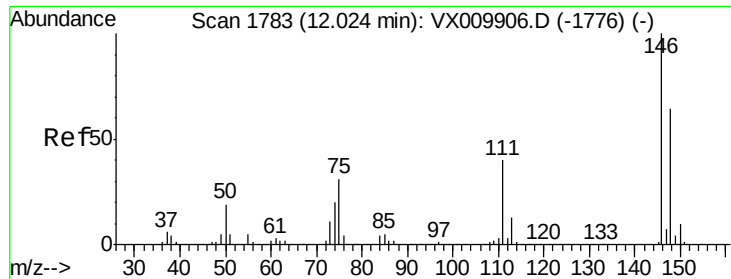
Tgt Ion:105 Resp: 172339
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 20.956 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion:119 Resp: 156541
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 24.4 11.8 35.4

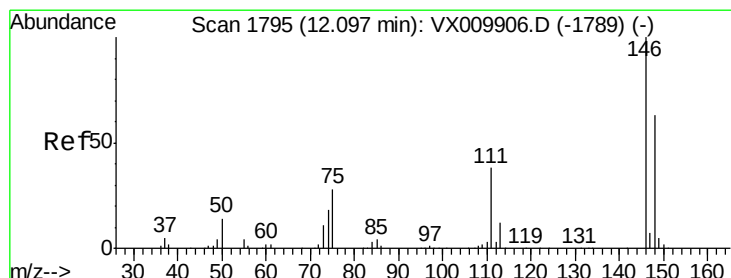
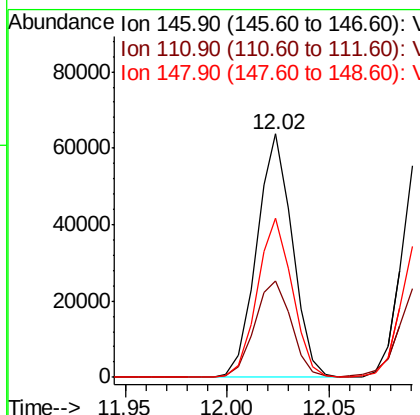
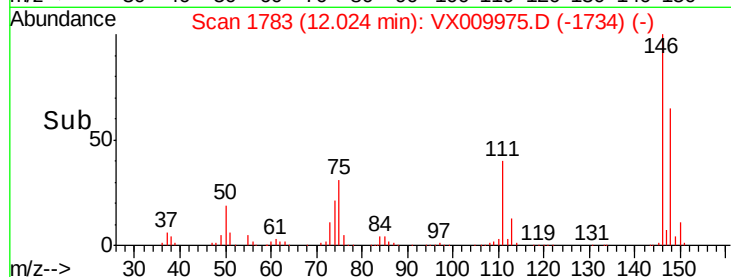
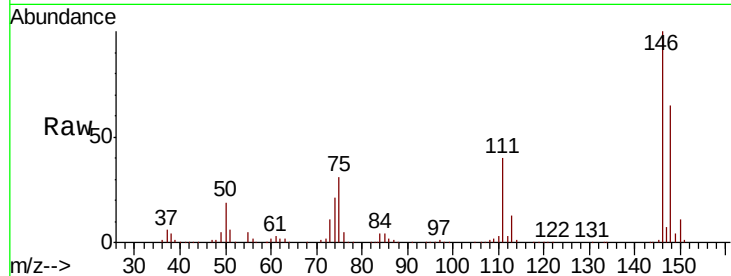




#87
 1,3-Dichlorobenzene
 Concen: 19.676 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

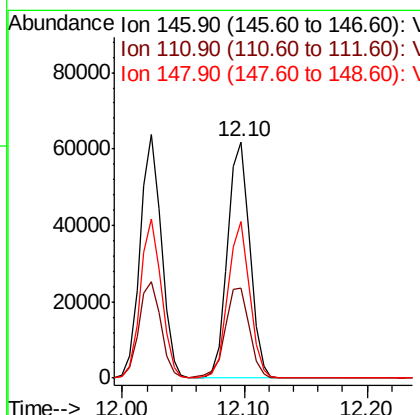
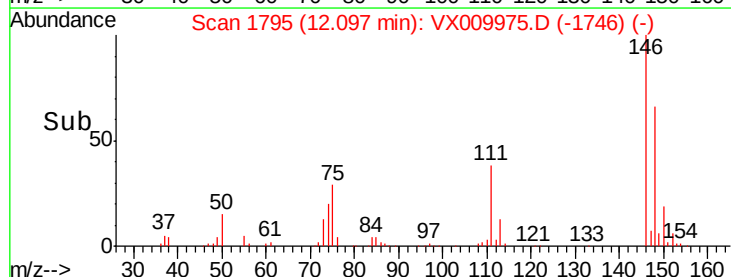
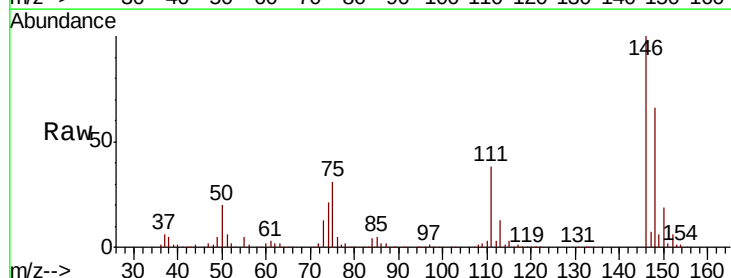
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

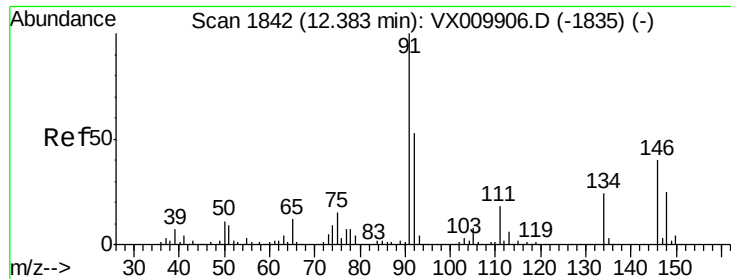
Tgt Ion:146 Resp: 77320
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.0 59.9
 148 64.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.321 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion:146 Resp: 77434
 Ion Ratio Lower Upper
 146 100
 111 41.8 19.6 58.8
 148 64.6 31.8 95.3

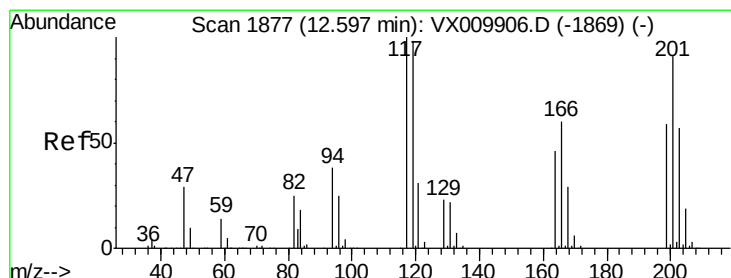
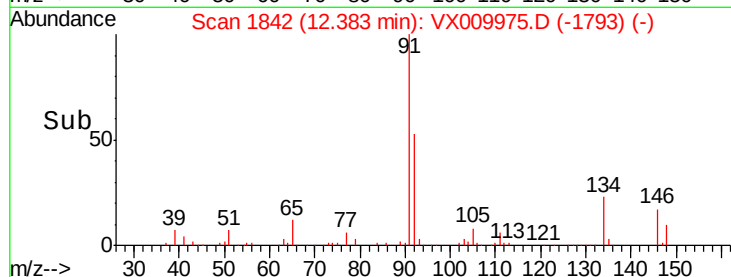
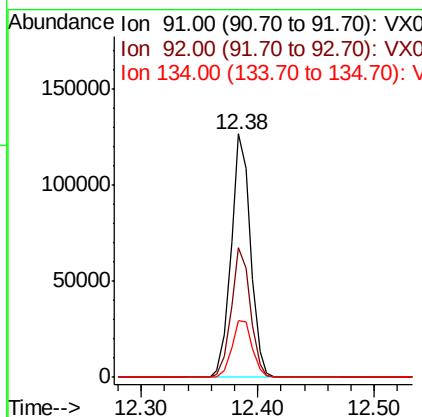
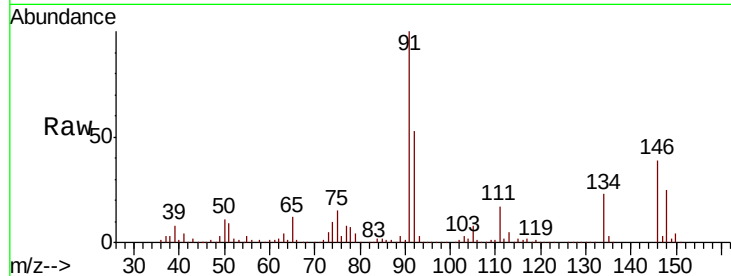




#89
n-Butylbenzene
Concen: 20.847 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

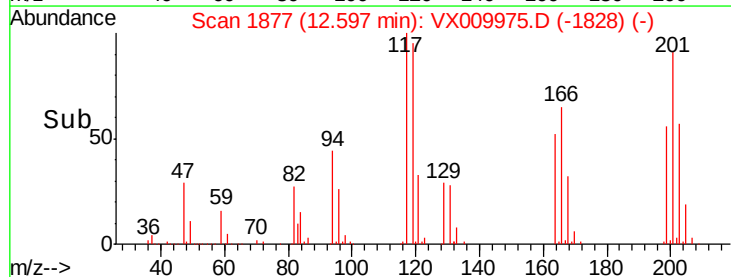
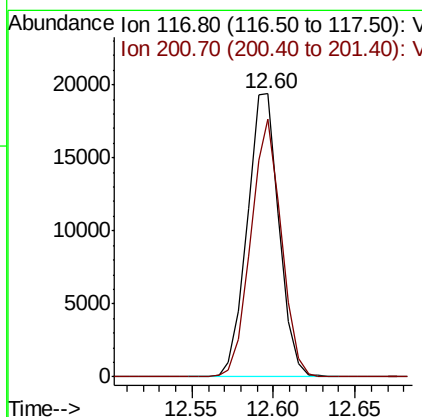
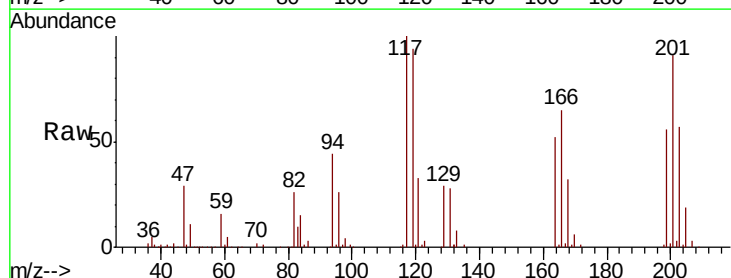
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

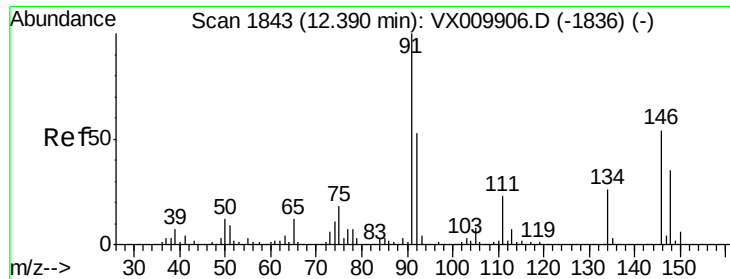
Tgt Ion: 91 Resp: 146353
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.5
134 24.5 12.4 37.2



#90
Hexachloroethane
Concen: 20.578 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion: 117 Resp: 26380
Ion Ratio Lower Upper
117 100
201 86.8 42.3 126.9

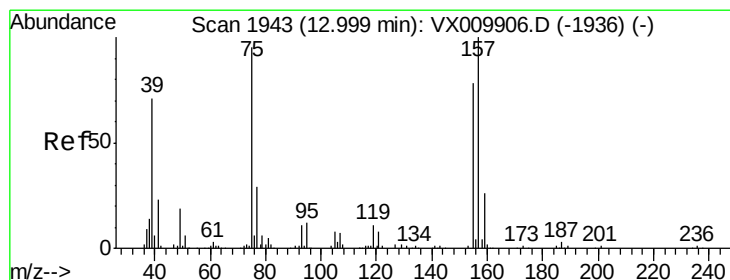
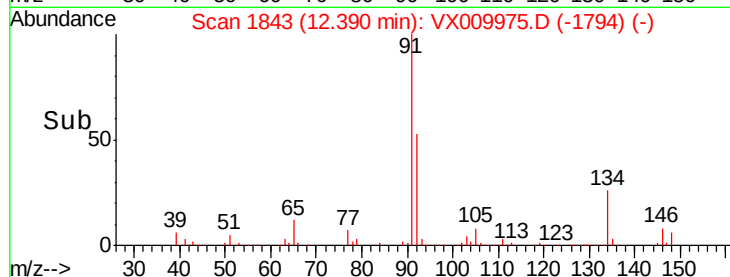
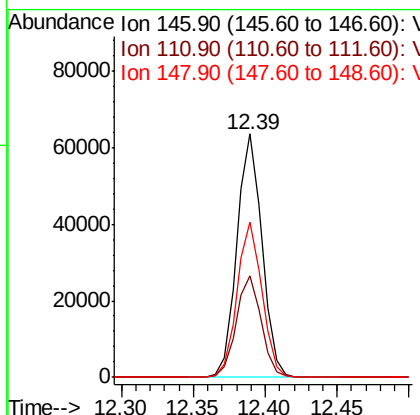
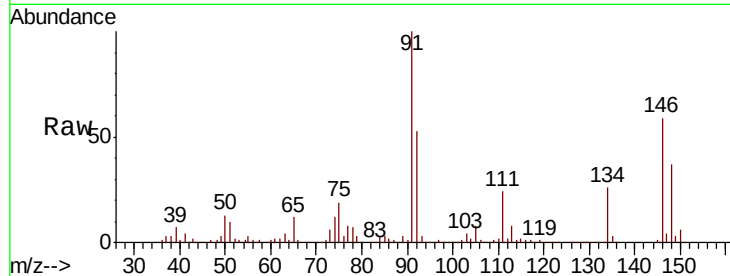




#91
 1,2-Dichlorobenzene
 Concen: 19.931 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

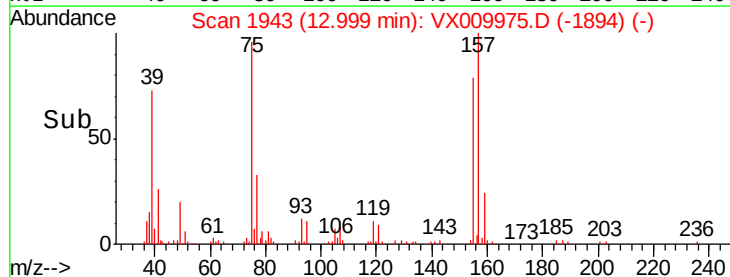
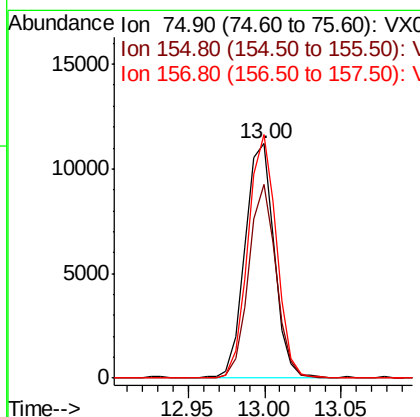
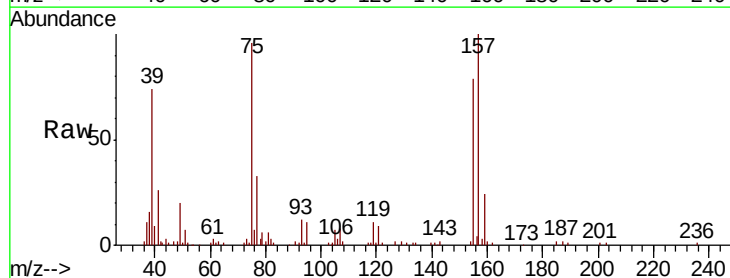
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

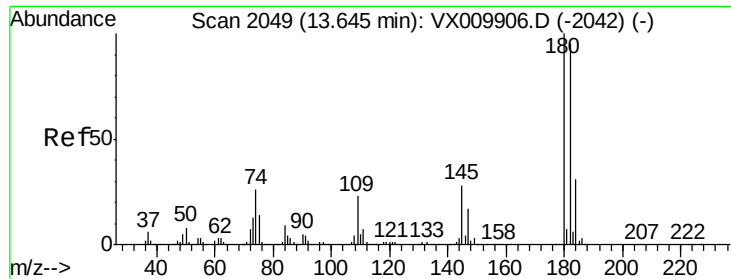
Tgt Ion:146 Resp: 77219
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.4
 148 63.6 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.494 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion: 75 Resp: 14827
 Ion Ratio Lower Upper
 75 100
 155 78.0 42.0 126.0
 157 100.9 53.2 159.6

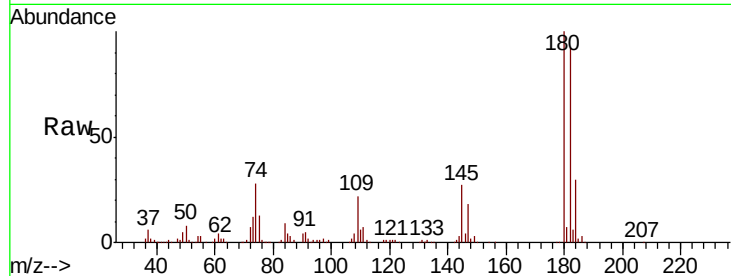




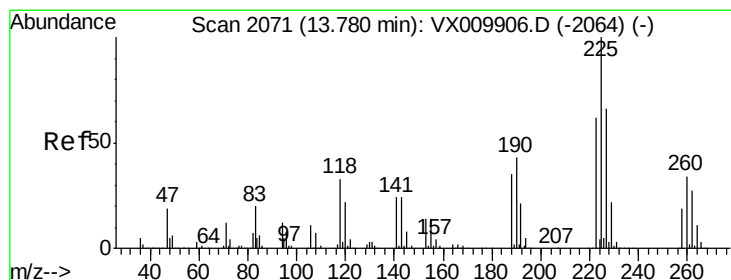
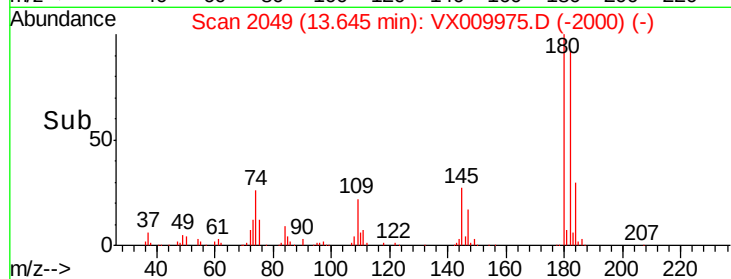
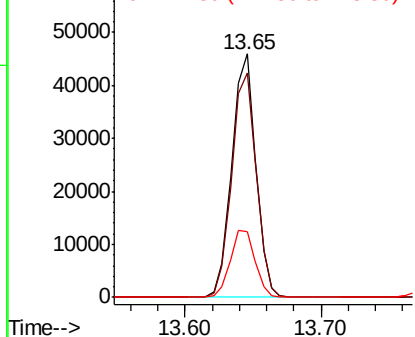
#93
 1,2,4-Trichlorobenzene
 Concen: 20.368 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

Tgt Ion:180 Resp: 56393
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.4 145.2
 145 28.4 14.6 43.8

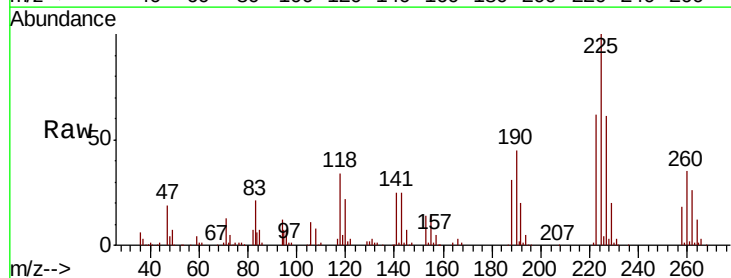


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

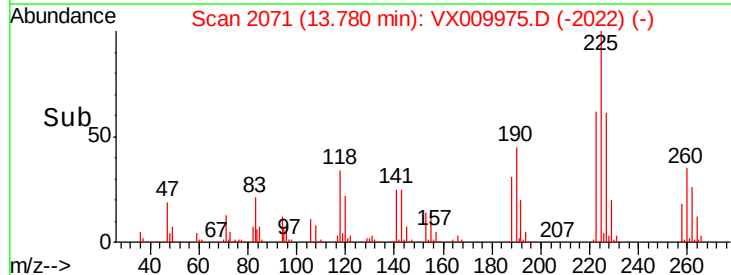
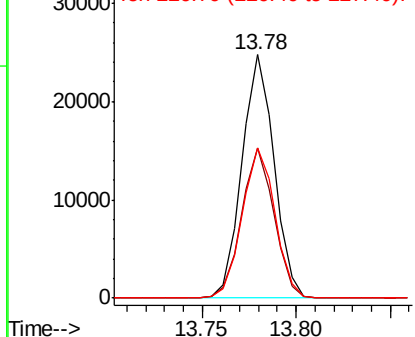


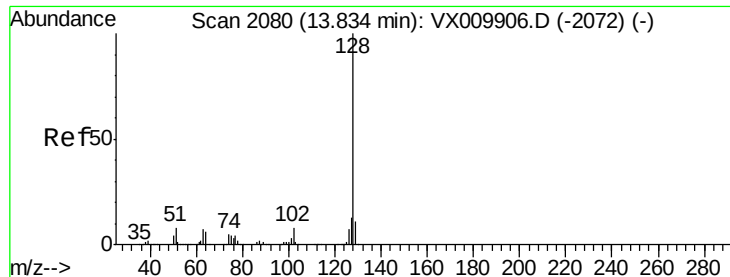
#94
 Hexachlorobutadiene
 Concen: 21.093 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion:225 Resp: 29292
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.3 93.8
 227 63.1 31.8 95.3



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

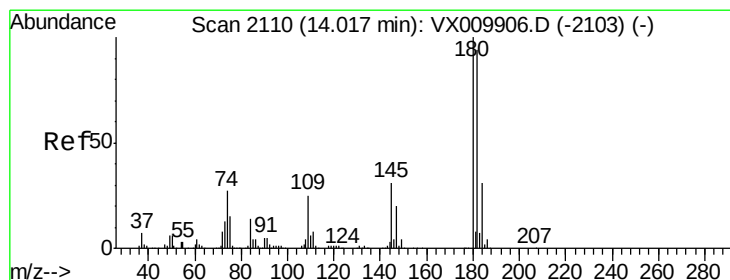
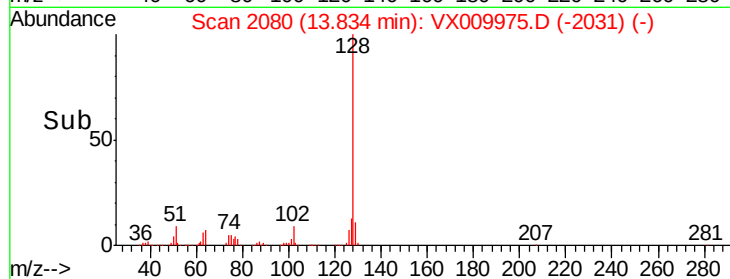
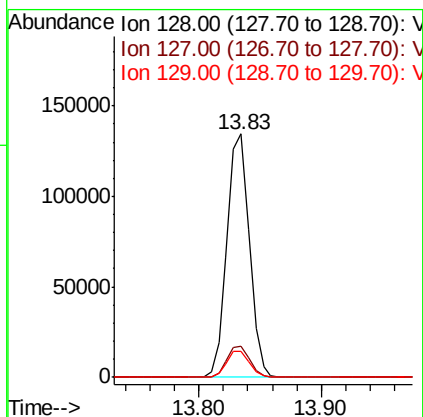
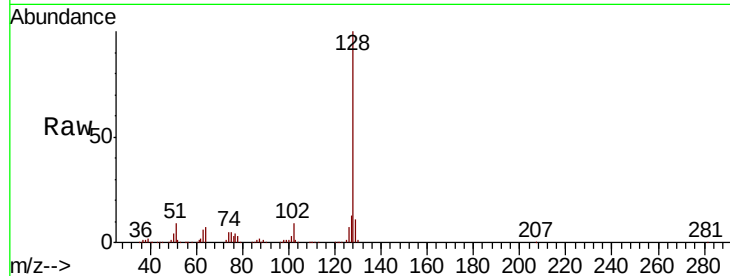




#95
Naphthalene
Concen: 19.781 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

Tgt Ion:128 Resp: 170435
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.935 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion:180 Resp: 55250
Ion Ratio Lower Upper
180 100
182 97.3 47.8 143.4
145 31.2 15.4 46.4

