

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052919\
 Data File : VX009930.D
 Acq On : 29 May 2019 11:22
 Operator : JC/SP
 Sample : VX0529WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Quant Time: May 30 01:12:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	171408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	270385	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121662	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	117041	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
35) Dibromofluoromethane	5.49	113	82690	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	8.71	98	340160	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
62) 4-Bromofluorobenzene	11.13	95	121904	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47585	22.718	ug/l	98
3) Chloromethane	1.33	50	57861	20.548	ug/l	99
4) Vinyl Chloride	1.41	62	52012	20.490	ug/l	98
5) Bromomethane	1.64	94	29431	19.136	ug/l	99
6) Chloroethane	1.72	64	29809	19.076	ug/l	96
7) Trichlorofluoromethane	1.93	101	57214	20.397	ug/l	98
8) Diethyl Ether	2.19	74	23853	18.096	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34183	20.184	ug/l	98
10) Methyl Iodide	2.51	142	38428	21.275	ug/l	98
11) Tert butyl alcohol	3.04	59	57145	95.901	ug/l	100
12) 1,1-Dichloroethene	2.37	96	33924	19.543	ug/l	94
13) Acrolein	2.29	56	33214	93.097	ug/l	100
14) Allyl chloride	2.73	41	83489	19.788	ug/l	99
15) Acrylonitrile	3.14	53	135917	94.666	ug/l	99
16) Acetone	2.44	43	140578	100.487	ug/l	98
17) Carbon Disulfide	2.57	76	103617	19.946	ug/l	98
18) Methyl Acetate	2.77	43	61908	19.018	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	126034	19.231	ug/l	100
20) Methylene Chloride	2.85	84	40834	19.061	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	36998	19.155	ug/l	100
22) Diisopropyl ether	3.85	45	160460	19.988	ug/l	90
23) Vinyl Acetate	3.81	43	719421	99.758	ug/l	98
24) 1,1-Dichloroethane	3.70	63	76725	19.722	ug/l	99
25) 2-Butanone	4.67	43	212759	97.615	ug/l	99
26) 2,2-Dichloropropane	4.58	77	58640	19.926	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	41631	18.672	ug/l	99
28) Bromochloromethane	5.01	49	36656	18.157	ug/l	99
29) Tetrahydrofuran	5.13	42	135881	97.220	ug/l	99
30) Chloroform	5.21	83	68527	19.531	ug/l	97
31) Cyclohexane	5.58	56	78403	21.278	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	58043	20.313	ug/l	100
36) 1,1-Dichloropropene	5.80	75	53844	19.627	ug/l	99
37) Ethyl Acetate	4.83	43	76674	20.058	ug/l	98
38) Carbon Tetrachloride	5.78	117	48583	20.494	ug/l	98

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 Sample : VX0529WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Quant Time: May 30 01:12:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69066	21.224	ug/l	97
40) Benzene	6.14	78	164109	20.166	ug/l	98
41) Methacrylonitrile	5.04	41	42058	18.829	ug/l	96
42) 1,2-Dichloroethane	6.19	62	59689	19.839	ug/l	99
43) Isopropyl Acetate	6.44	43	118769	19.256	ug/l	99
44) Trichloroethene	7.21	130	39757	20.112	ug/l	94
45) 1,2-Dichloropropane	7.51	63	46742	19.952	ug/l	98
46) Dibromomethane	7.66	93	26341	19.102	ug/l	99
47) Bromodichloromethane	7.90	83	52784	20.129	ug/l	98
48) Methyl methacrylate	7.77	41	59824	19.593	ug/l	99
49) 1,4-Dioxane	7.74	88	23348	411.098	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	383140	95.492	ug/l	100
52) Toluene	8.78	92	98408	19.916	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	59907	19.049	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	68131	19.884	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	39110	19.666	ug/l	98
56) Ethyl methacrylate	9.18	69	69043	19.500	ug/l	100
57) 1,3-Dichloropropane	9.37	76	68308	19.126	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	176460	95.045	ug/l	99
59) 2-Hexanone	9.49	43	302171	97.820	ug/l	99
60) Dibromochloromethane	9.58	129	38253	19.554	ug/l	99
61) 1,2-Dibromoethane	9.67	107	39898	19.528	ug/l	100
64) Tetrachloroethene	9.34	164	35688	21.124	ug/l	98
65) Chlorobenzene	10.13	112	101088	19.964	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	36148	20.582	ug/l	99
67) Ethyl Benzene	10.25	91	187810	20.657	ug/l	99
68) m/p-Xylenes	10.35	106	138035	41.096	ug/l	99
69) o-Xylene	10.69	106	67265	20.882	ug/l	97
70) Styrene	10.71	104	116030	20.542	ug/l	99
71) Bromoform	10.85	173	28808	20.067	ug/l #	98
73) Isopropylbenzene	11.02	105	180254	20.081	ug/l	100
74) N-amyl acetate	10.90	43	101725	18.965	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	64662	19.309	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	74610	25.645	ug/l	82
77) Bromobenzene	11.26	156	44064	19.262	ug/l	98
78) n-propylbenzene	11.36	91	211328	20.424	ug/l	100
79) 2-Chlorotoluene	11.42	91	123937	19.605	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	153392	20.284	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21383	18.185	ug/l	95
82) 4-Chlorotoluene	11.51	91	143165	19.454	ug/l	99
83) tert-Butylbenzene	11.77	119	146249	20.214	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	154452	20.111	ug/l	99
85) sec-Butylbenzene	11.94	105	175909	20.437	ug/l	99
86) p-Isopropyltoluene	12.06	119	161736	20.891	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	80291	19.714	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	80897	19.477	ug/l	99
89) n-Butylbenzene	12.38	91	150091	20.629	ug/l	99
90) Hexachloroethane	12.59	117	26847	20.207	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	79040	19.684	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14726	18.681	ug/l	97

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Quant Time: May 30 01:12:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

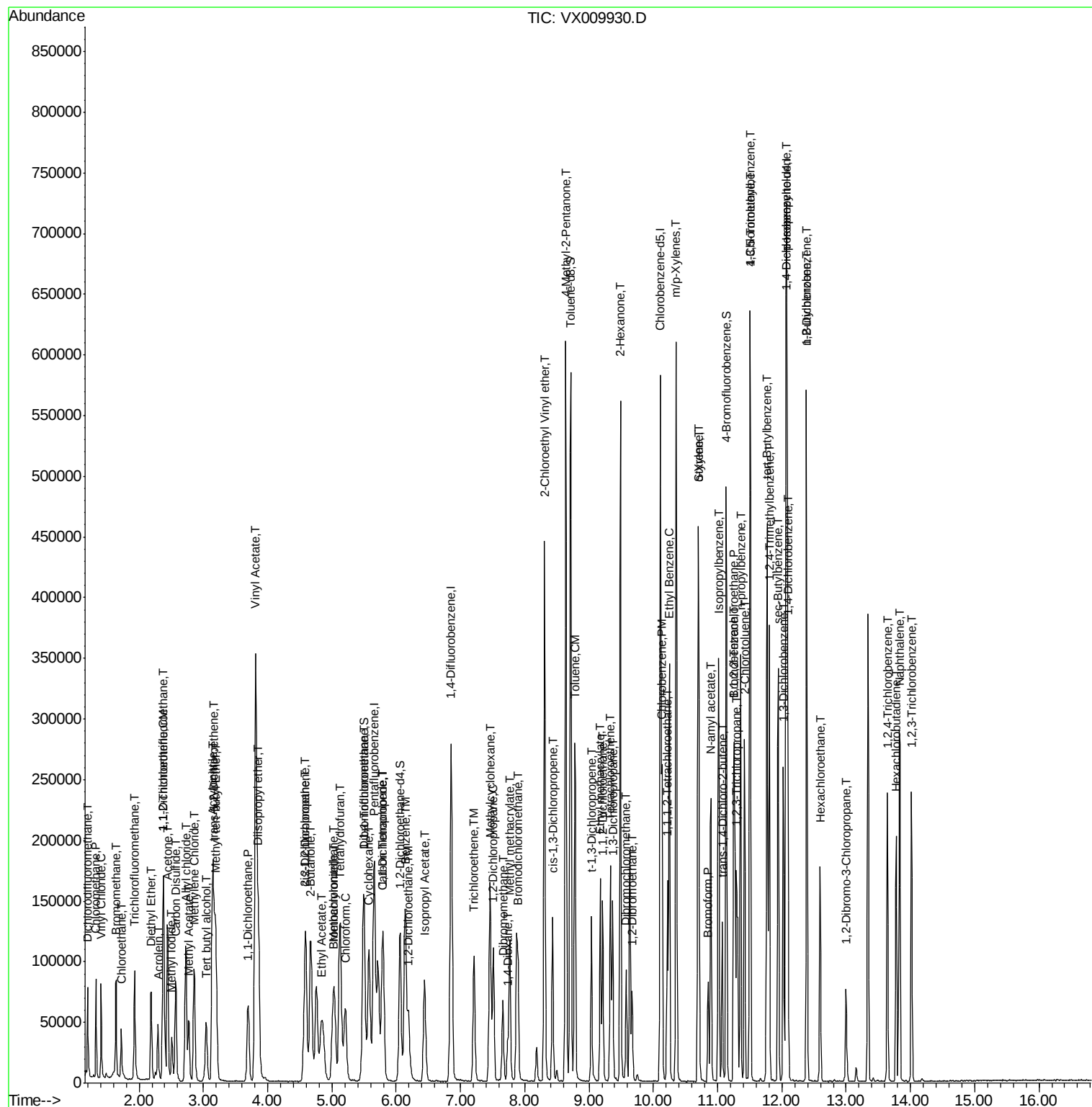
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	57518	20.045	ug/l	99
94) Hexachlorobutadiene	13.78	225	29536	20.521	ug/l	99
95) Naphthalene	13.83	128	176079	19.718	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57278	19.941	ug/l	98

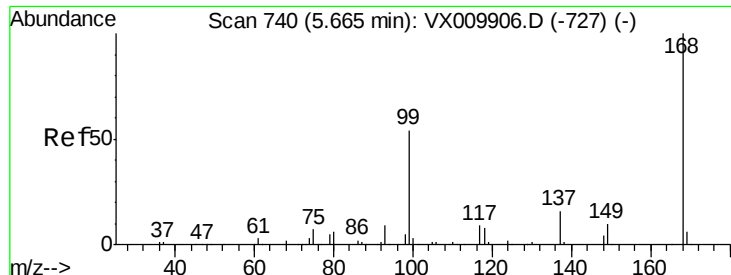
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052919\
Data File : VX009930.D
Acq On : 29 May 2019 11:22
Operator : JC/SP
Sample : VX0529WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Quant Time: May 30 01:12:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

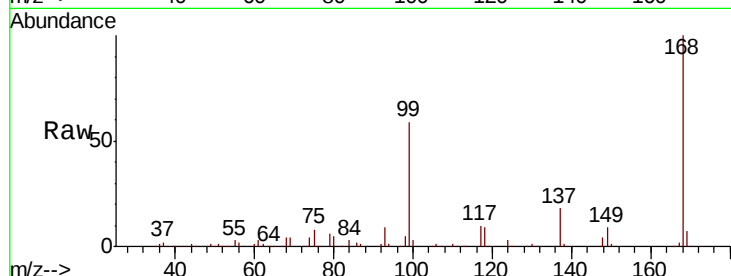
VX0529WBS01

Tot Ion:168 Resp: 171408

Ion Ratio Lower Upper

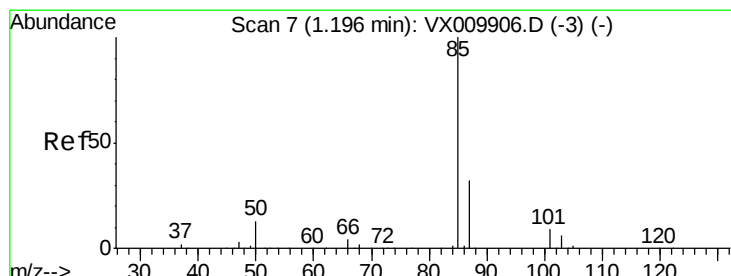
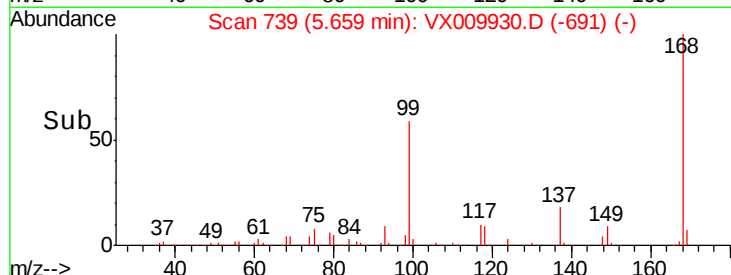
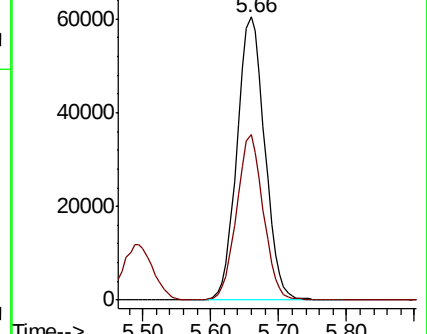
168 100

99 58.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 22.718 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009930.D

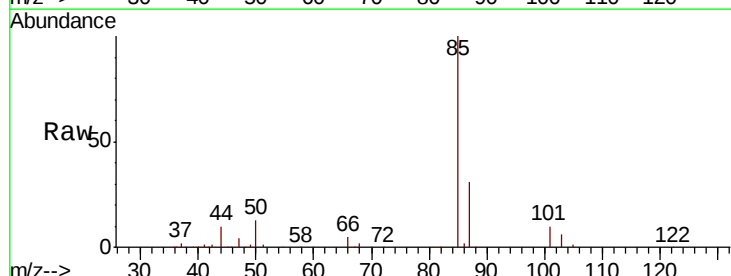
Acq: 29 May 2019 11:22

Tgt Ion: 85 Resp: 47585

Ion Ratio Lower Upper

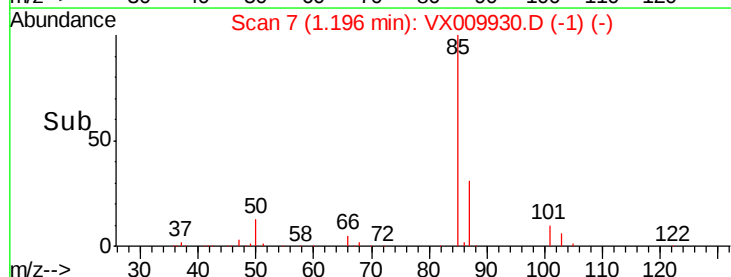
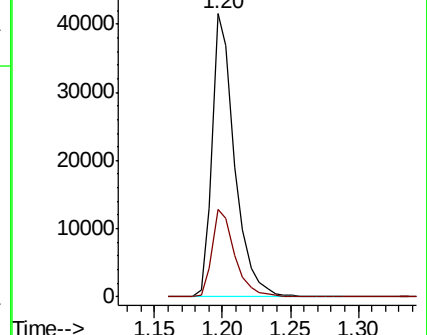
85 100

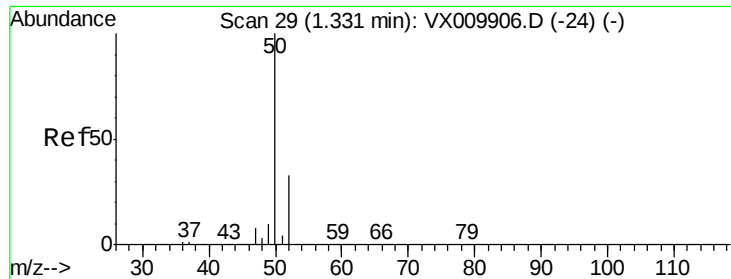
87 30.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.548 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

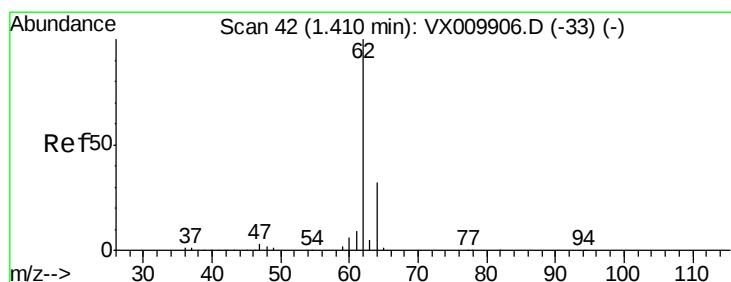
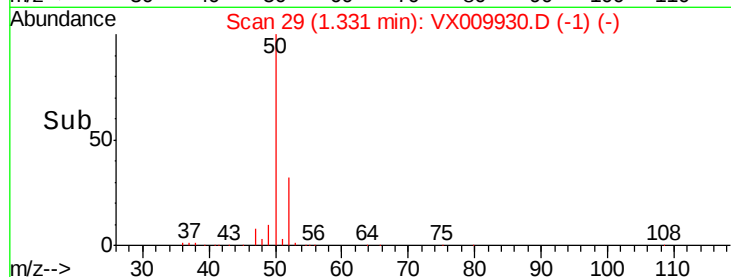
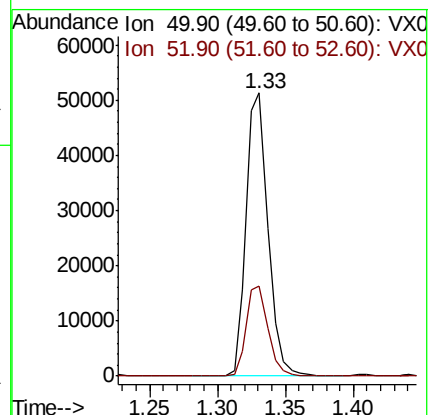
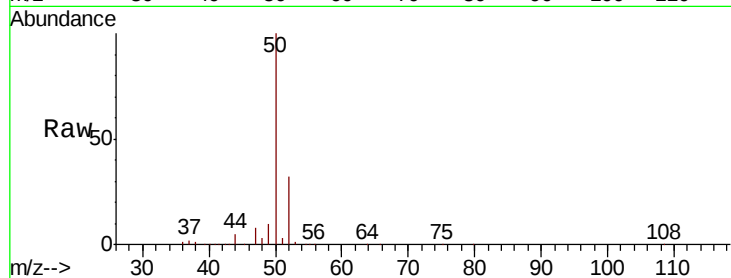
VX0529WBS01

Tot Ion: 50 Resp: 57861

Ion Ratio Lower Upper

50 100

52 32.0 26.0 39.0



#4

Vinyl Chloride

Concen: 20.490 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009930.D

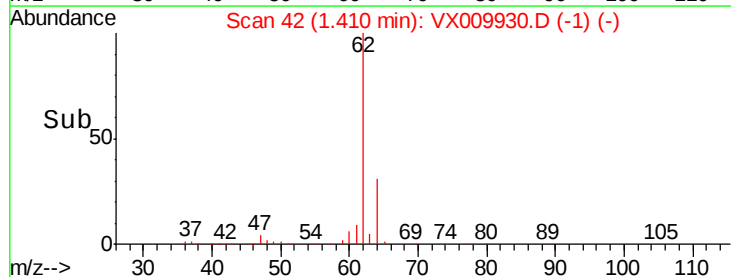
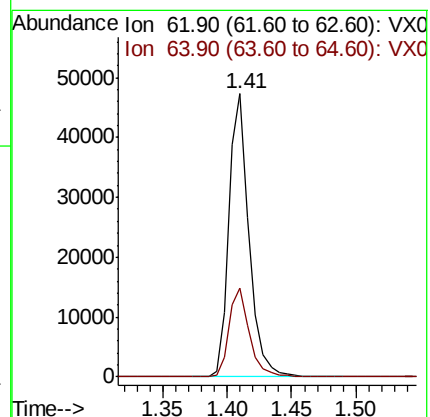
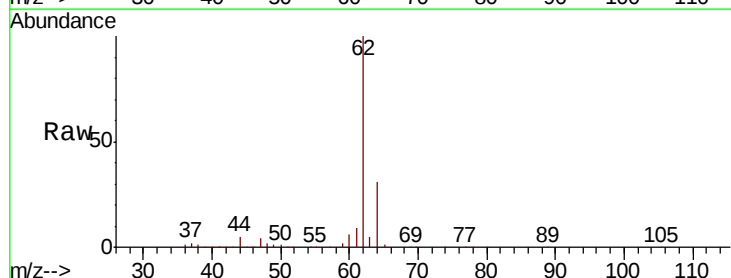
Acq: 29 May 2019 11:22

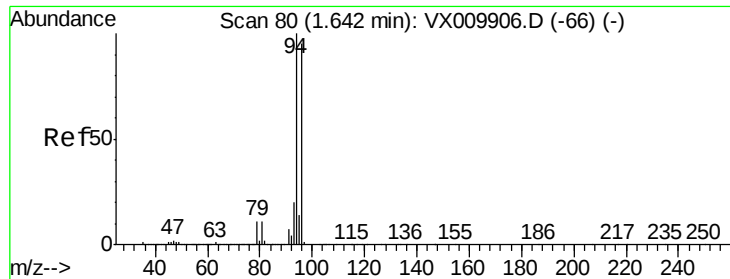
Tgt Ion: 62 Resp: 52012

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 19.136 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

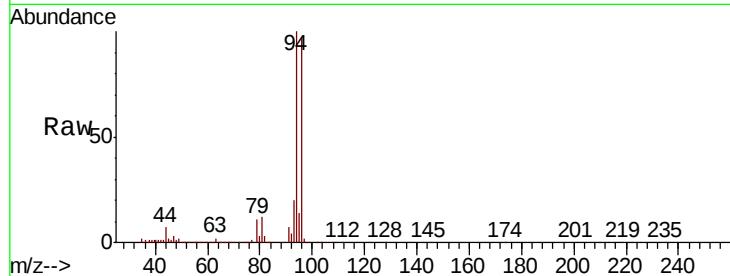
VX0529WBS01

Tot Ion: 94 Resp: 29431

Ion Ratio Lower Upper

94 100

96 96.6 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

30000

25000

20000

15000

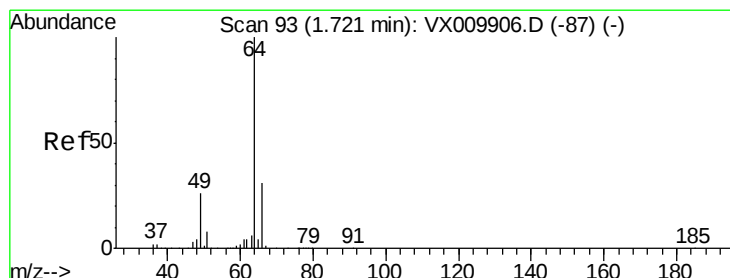
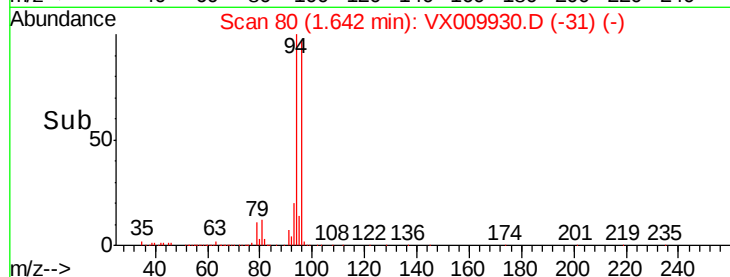
10000

5000

0

Time-->

1.60 1.70 1.80



#6

Chloroethane

Concen: 19.076 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009930.D

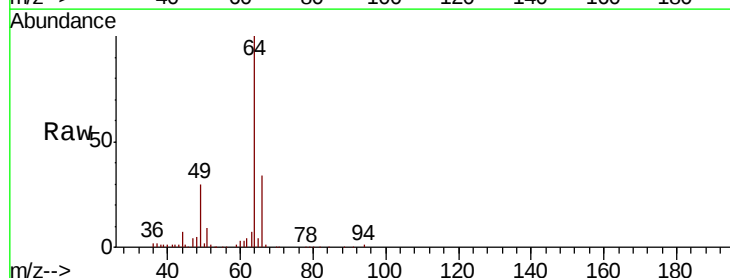
Acq: 29 May 2019 11:22

Tgt Ion: 64 Resp: 29809

Ion Ratio Lower Upper

64 100

66 33.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

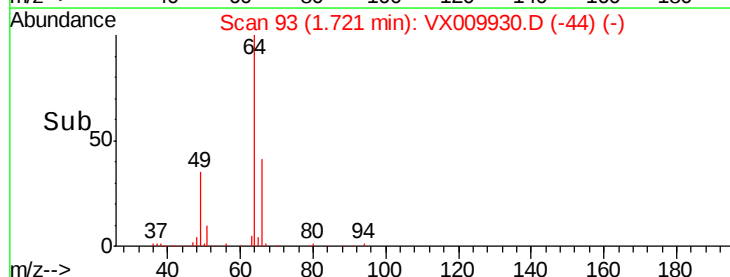
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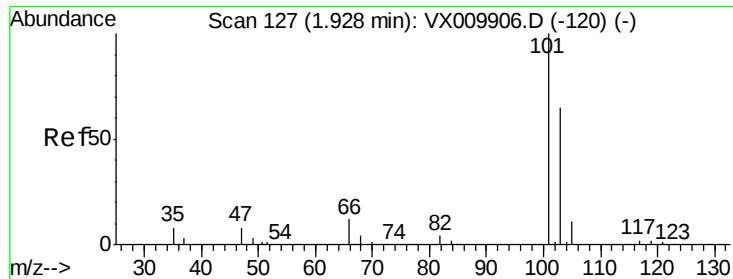
5000

0

Time-->

1.60 1.70 1.80



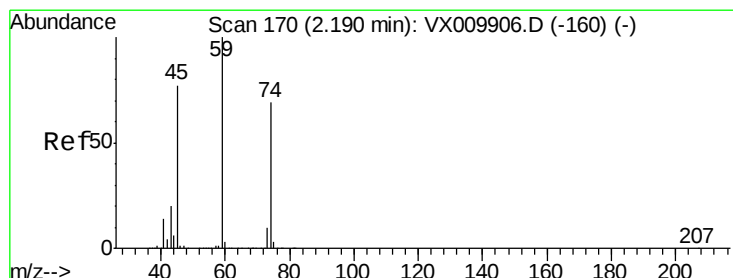
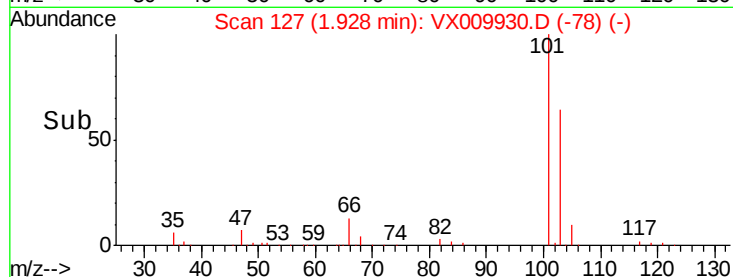
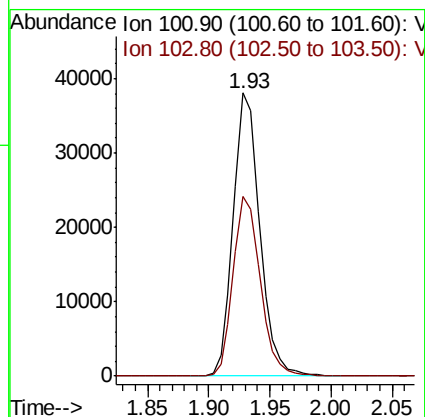
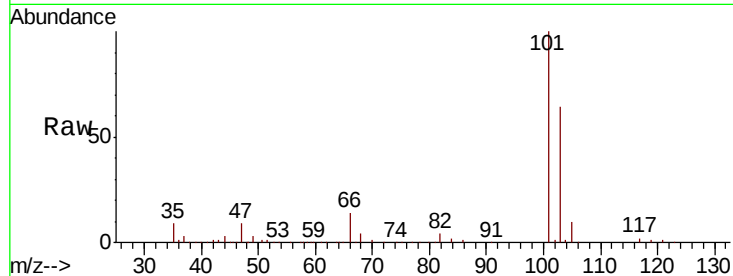


#7

Trichlorofluoromethane
 Concen: 20.397 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

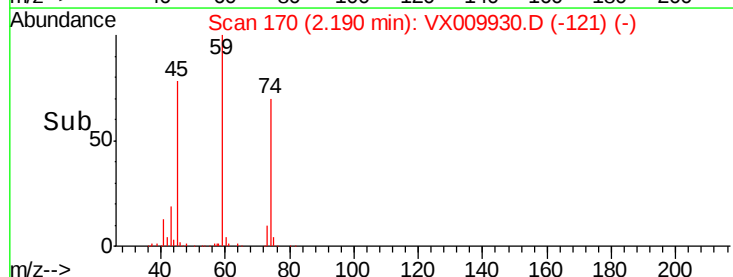
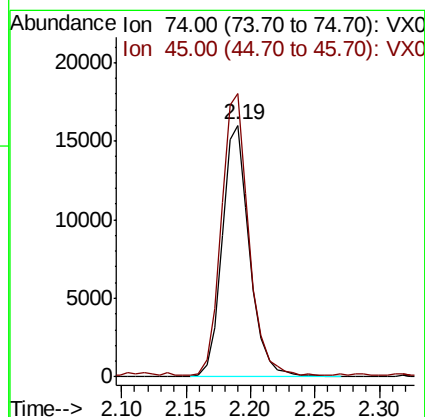
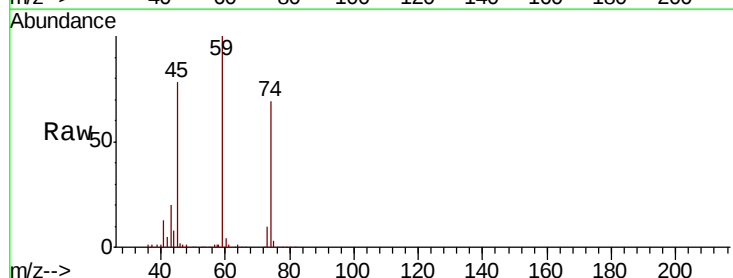
Tot Ion:101 Resp: 57214
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.2 78.4

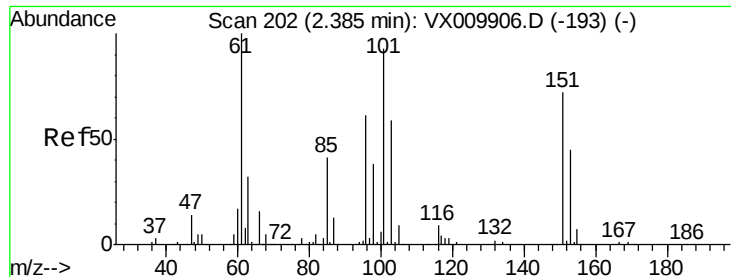


#8

Diethyl Ether
 Concen: 18.096 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Tgt Ion: 74 Resp: 23853
 Ion Ratio Lower Upper
 74 100
 45 112.0 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.184 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

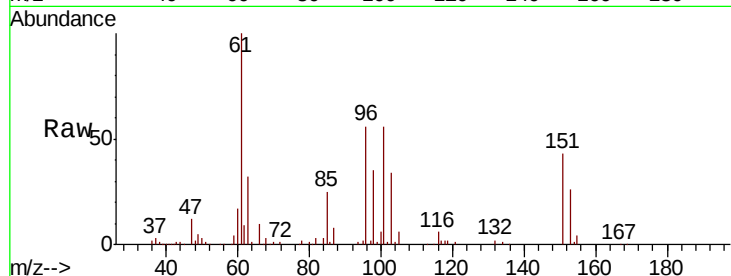
Tot Ion:101 Resp: 34183

Ion Ratio Lower Upper

101 100

85 46.6 35.2 52.8

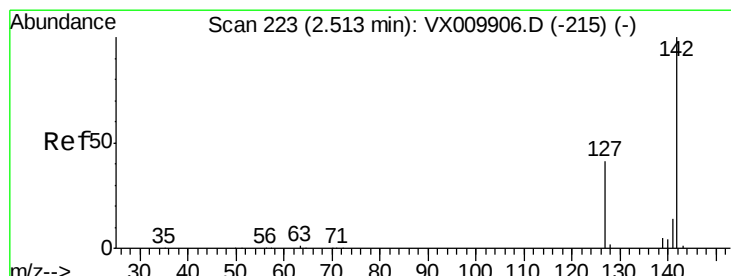
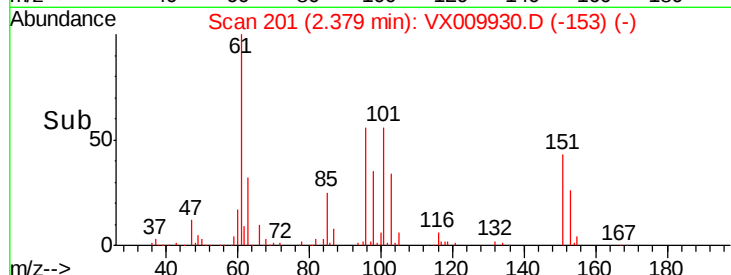
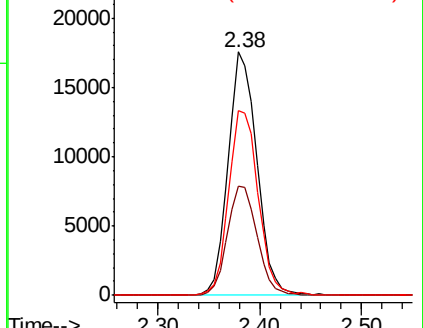
151 78.1 61.9 92.9



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: 21.275 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

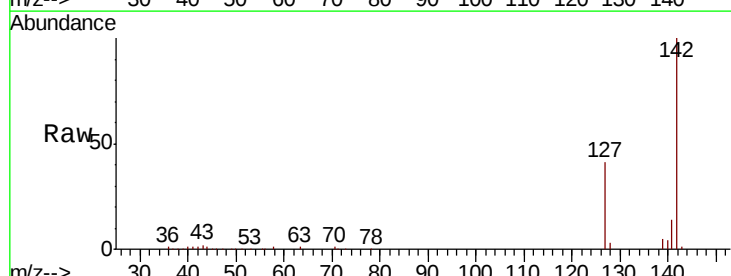
Tgt Ion:142 Resp: 38428

Ion Ratio Lower Upper

142 100

127 42.4 33.0 49.4

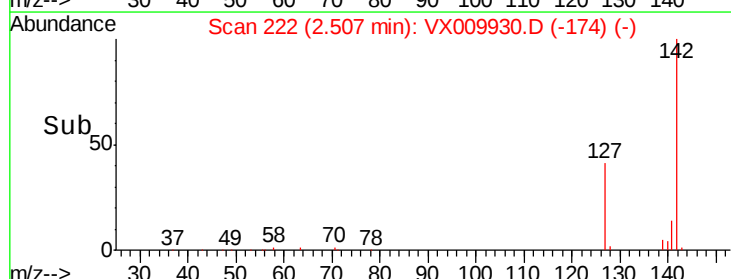
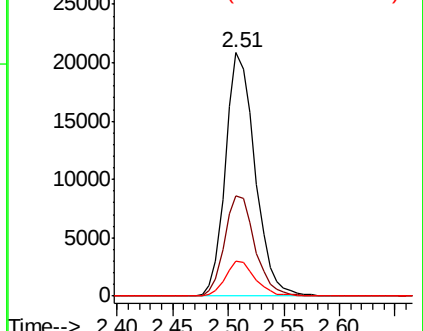
141 14.4 11.4 17.0

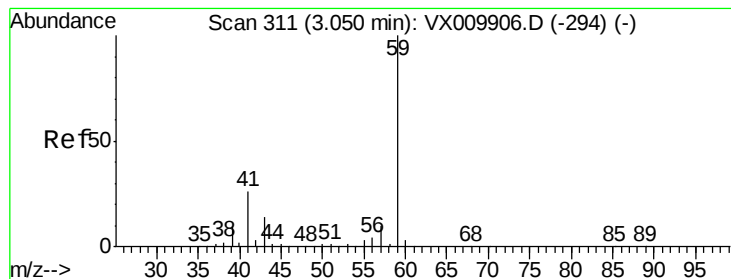


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



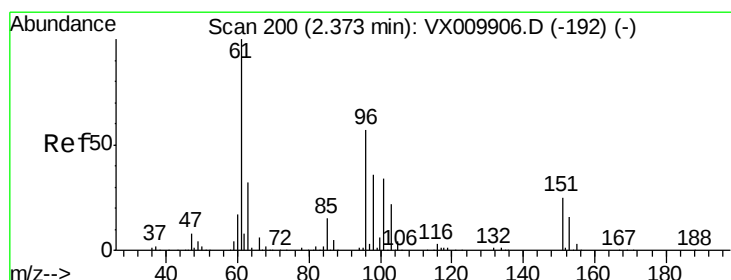
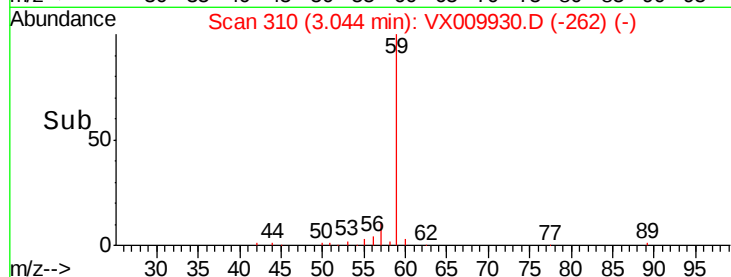
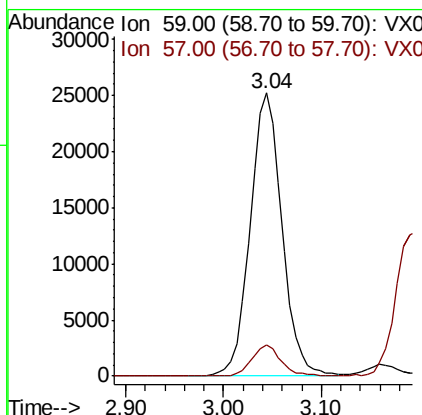
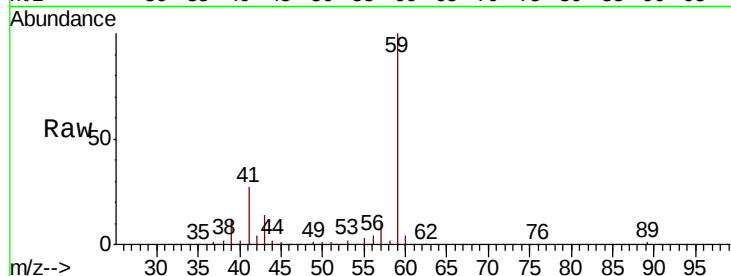


#11

Tert butyl alcohol
 Concen: 95.901 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Instrument :
 MSVOA_X
 ClientSampled :
 VX0529WBS01

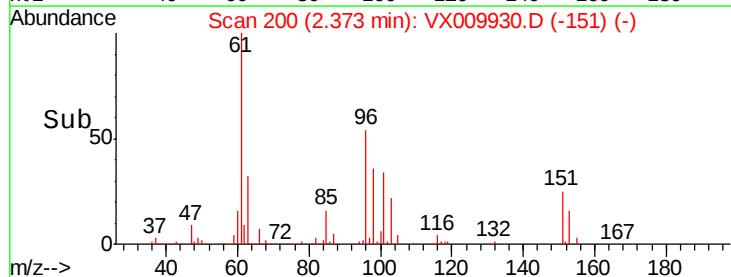
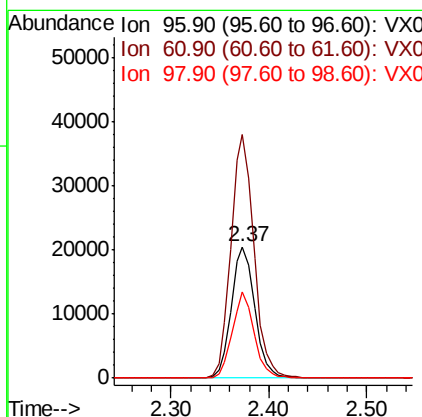
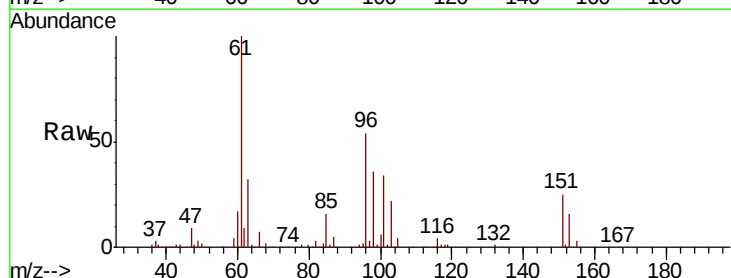
Tot Ion: 59 Resp: 57145
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

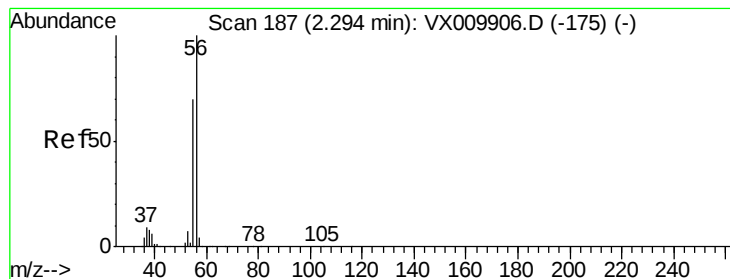


#12

1,1-Dichloroethene
 Concen: 19.543 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Tgt Ion: 96 Resp: 33924
 Ion Ratio Lower Upper
 96 100
 61 185.7 140.7 211.1
 98 66.0 50.1 75.1





#13

Acrolein

Concen: 93.097 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

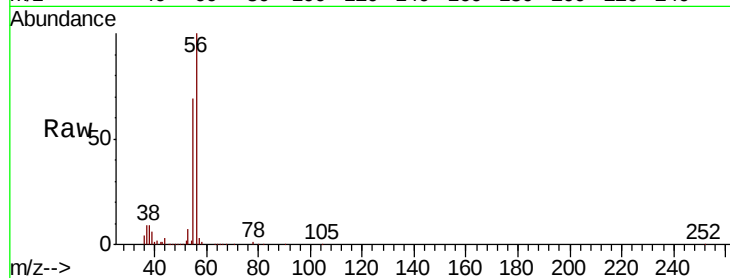
VX0529WBS01

Tot Ion: 56 Resp: 33214

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

20000

15000

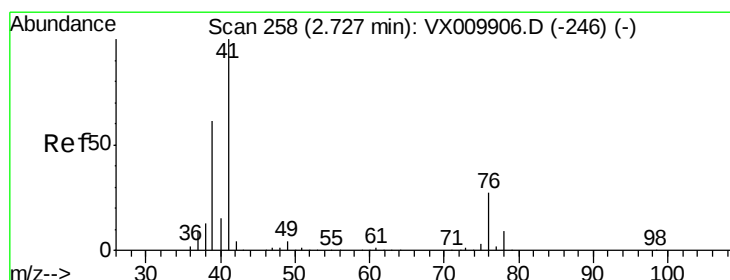
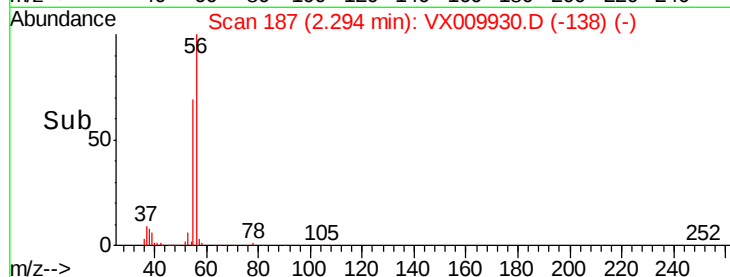
10000

5000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 19.788 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

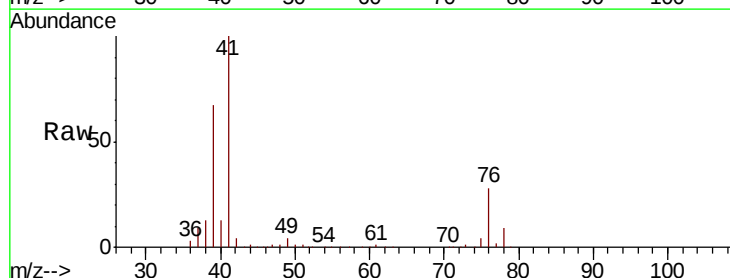
Tgt Ion: 41 Resp: 83489

Ion Ratio Lower Upper

41 100

39 59.0 46.7 70.1

76 26.1 21.0 31.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

60000

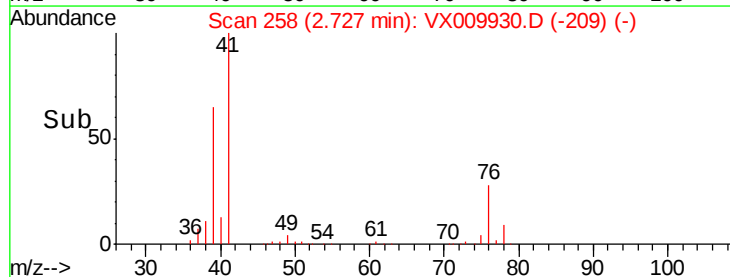
40000

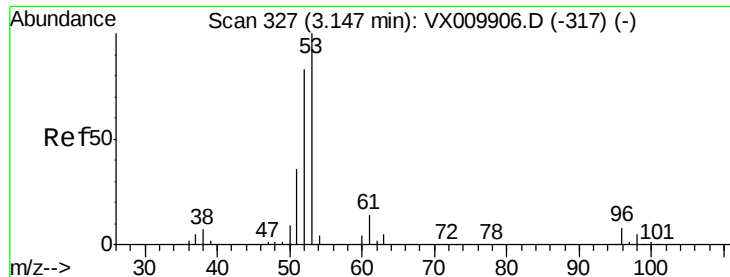
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 94.666 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

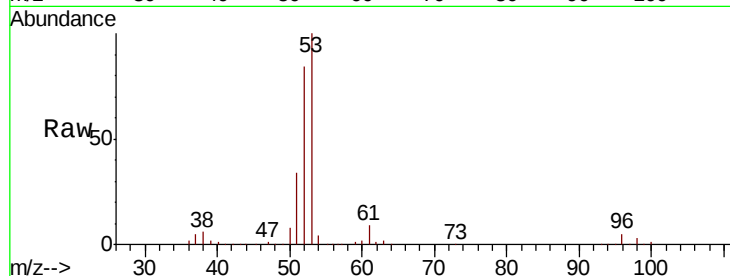
Tot Ion: 53 Resp: 135917

Ion Ratio Lower Upper

53 100

52 85.0 66.7 100.1

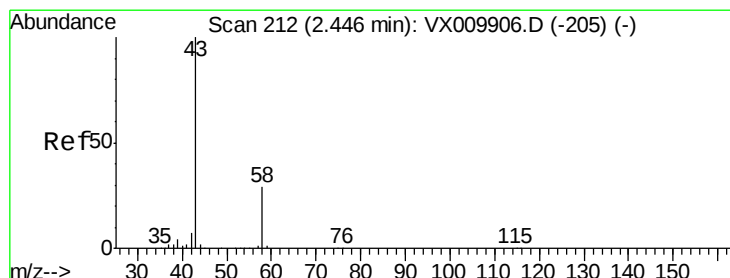
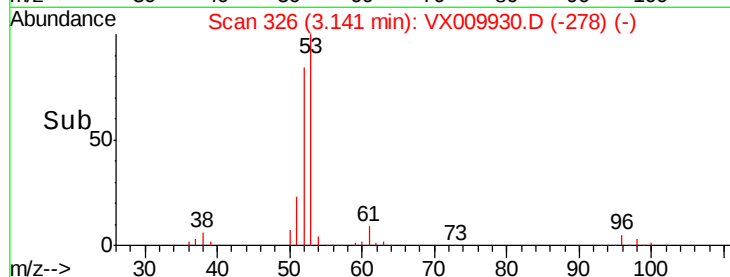
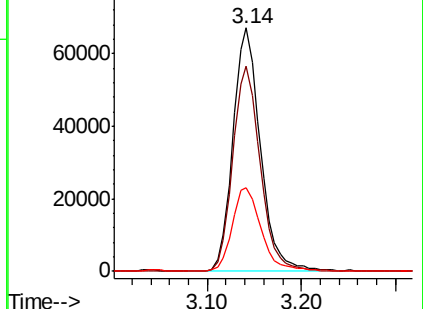
51 36.1 28.8 43.2



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: 100.487 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009930.D

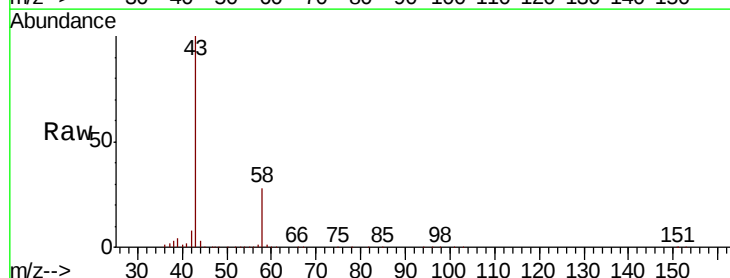
Acq: 29 May 2019 11:22

Tgt Ion: 43 Resp: 140578

Ion Ratio Lower Upper

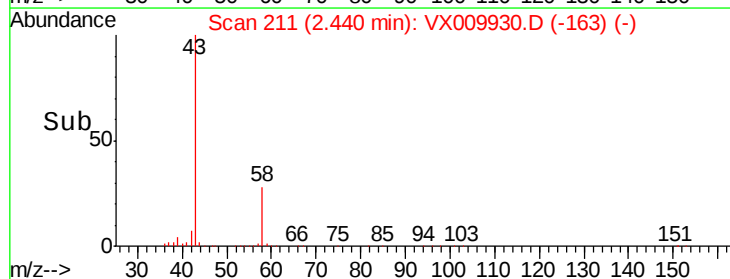
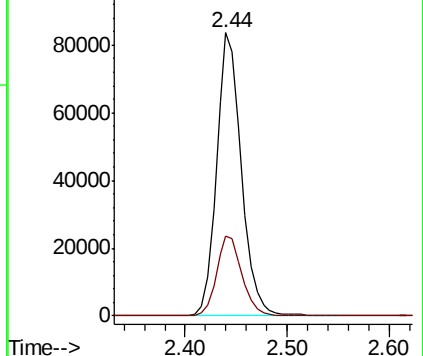
43 100

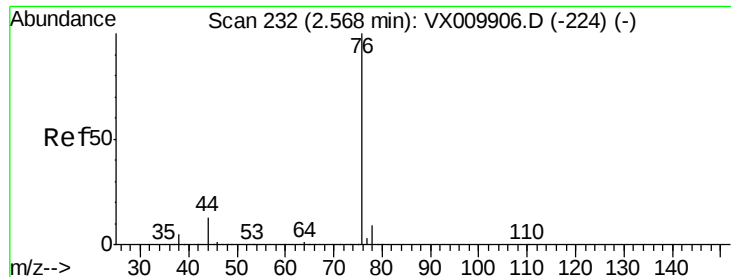
58 28.0 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

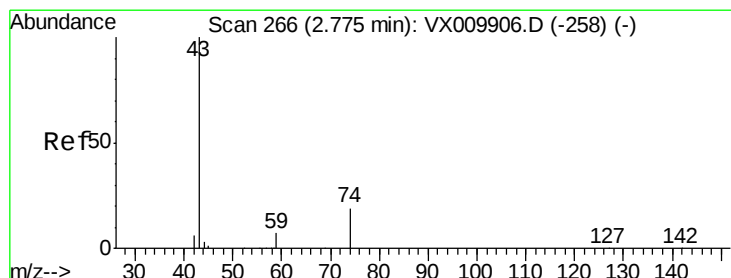
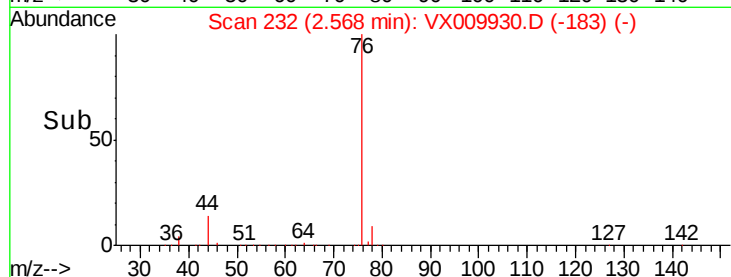
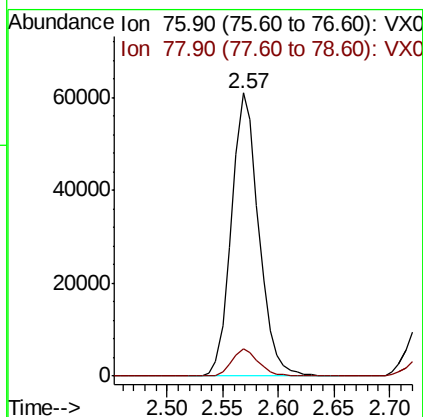
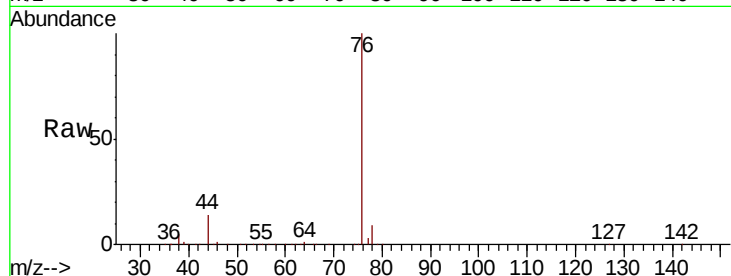




#17
Carbon Disulfide
Concen: 19.946 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

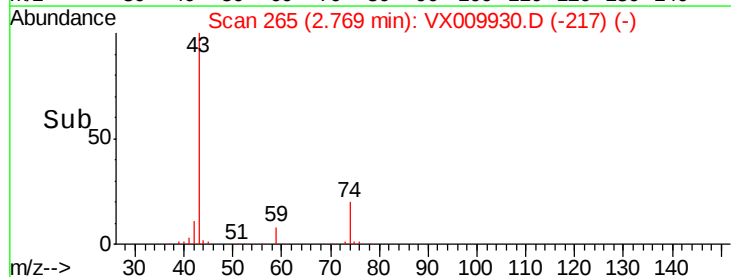
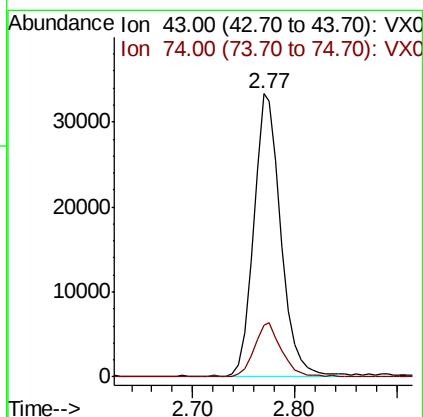
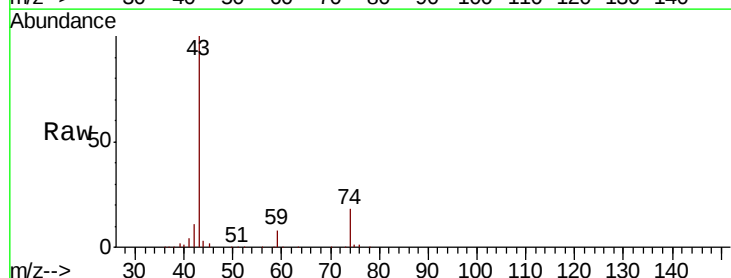
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

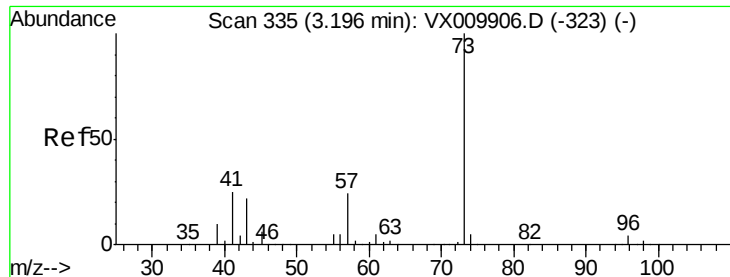
Tot Ion: 76 Resp: 103617
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 19.018 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion: 43 Resp: 61908
Ion Ratio Lower Upper
43 100
74 19.4 15.8 23.6

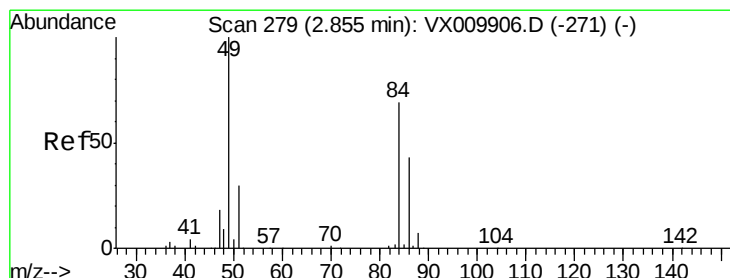
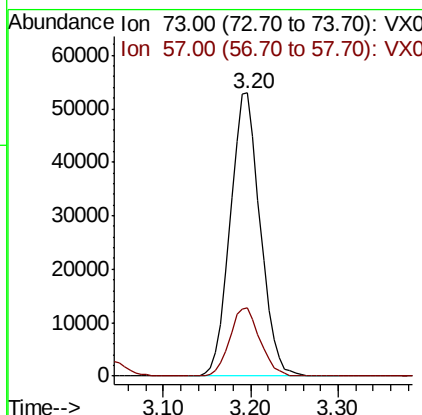
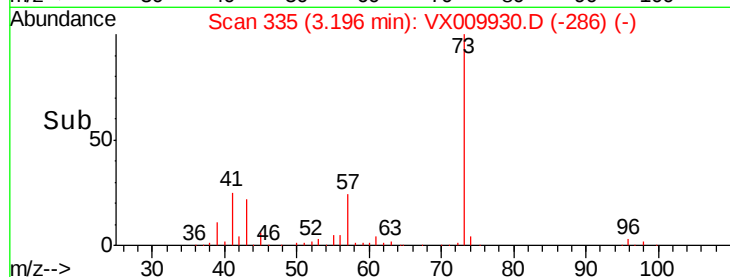
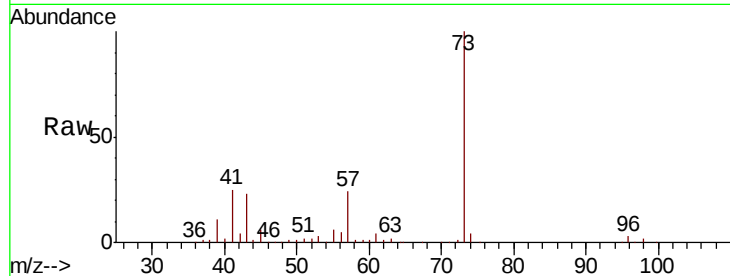




#19
Methyl tert-butyl Ether
Concen: 19.231 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

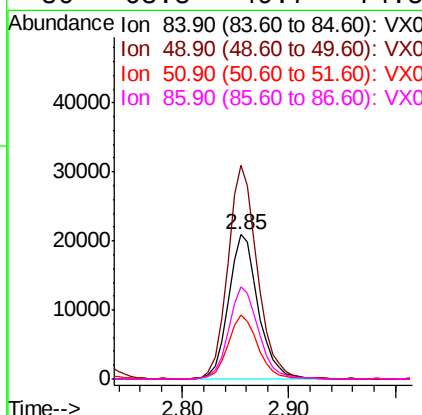
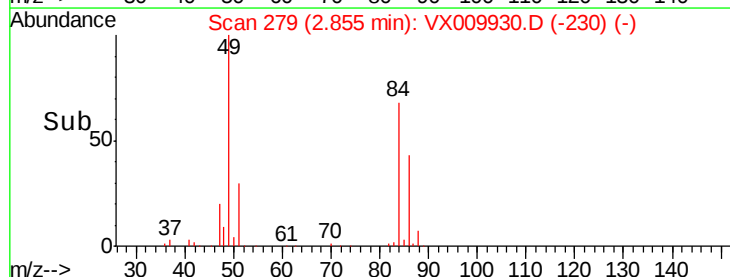
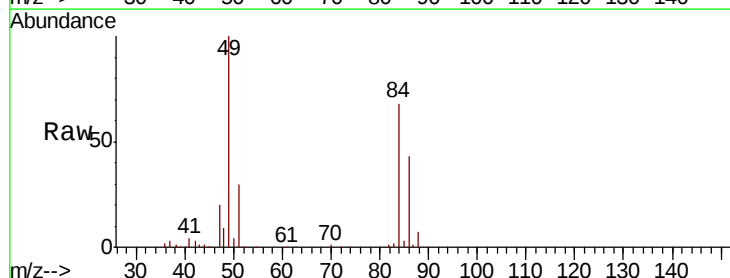
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

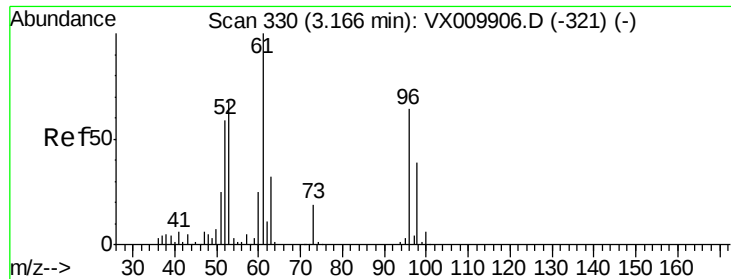
Tot Ion: 73 Resp: 126034
Ion Ratio Lower Upper
73 100
57 24.3 19.4 29.2



#20
Methylene Chloride
Concen: 19.061 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion: 84 Resp: 40834
Ion Ratio Lower Upper
84 100
49 147.8 115.8 173.6
51 44.0 34.4 51.6
86 63.8 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 19.155 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

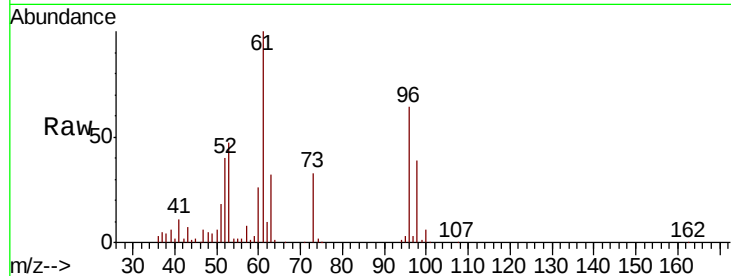
Tot Ion: 96 Resp: 36998

Ion Ratio Lower Upper

96 100

61 156.6 125.7 188.5

98 61.4 49.0 73.6

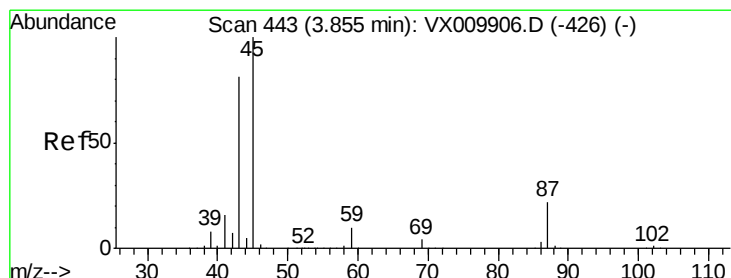
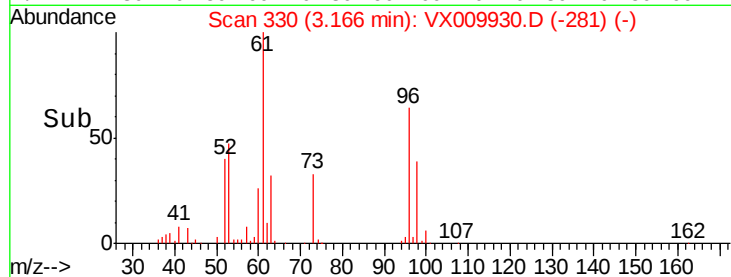
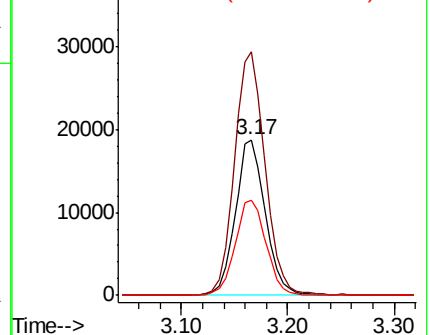


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.988 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Tgt Ion: 45 Resp: 160460

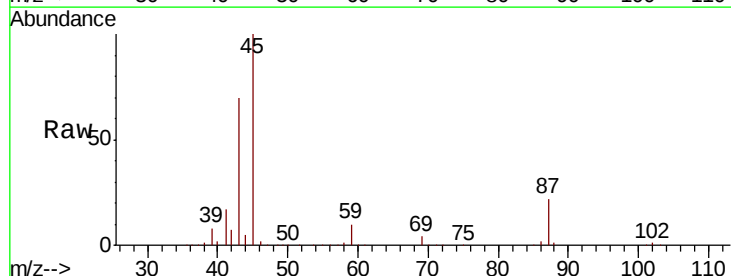
Ion Ratio Lower Upper

45 100

43 69.6 65.0 97.4

87 22.5 17.3 25.9

59 10.5 8.1 12.1



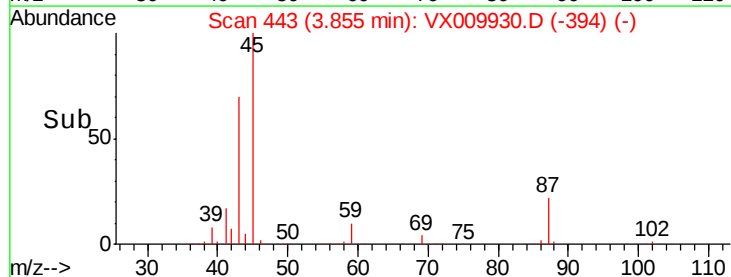
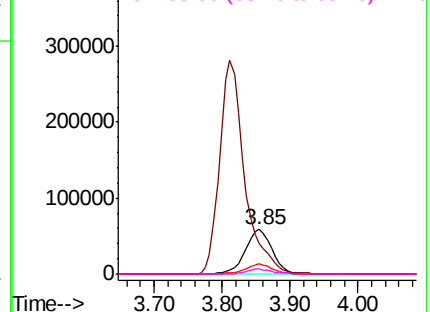
Abundance

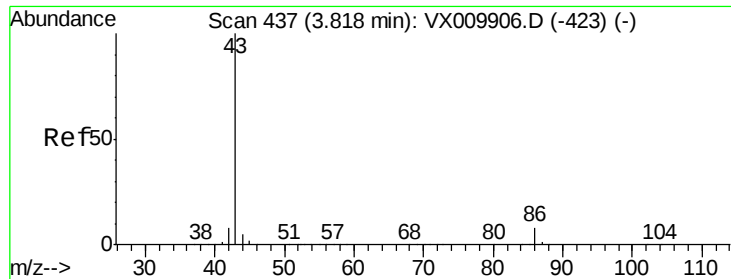
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 99.758 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

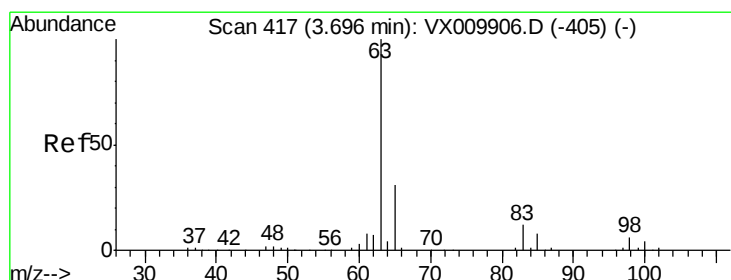
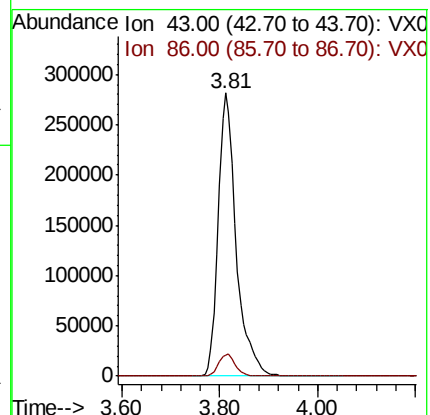
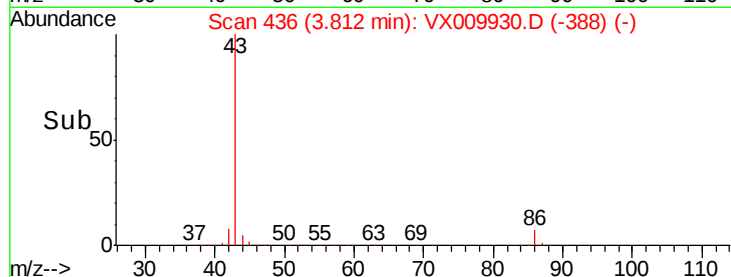
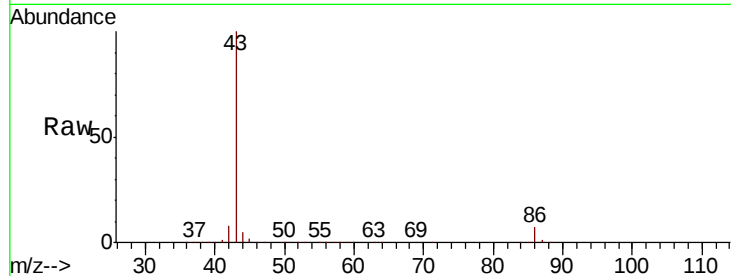
VX0529WBS01

Tot Ion: 43 Resp: 719421

Ion Ratio Lower Upper

43 100

86 7.5 6.5 9.7



#24

1,1-Dichloroethane

Concen: 19.722 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

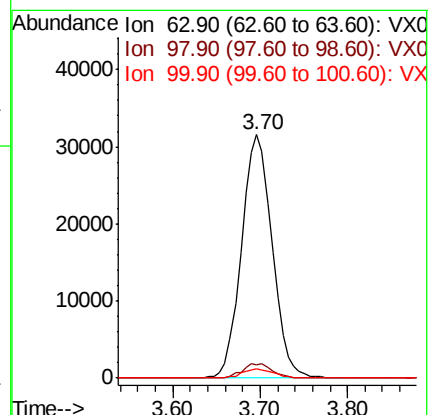
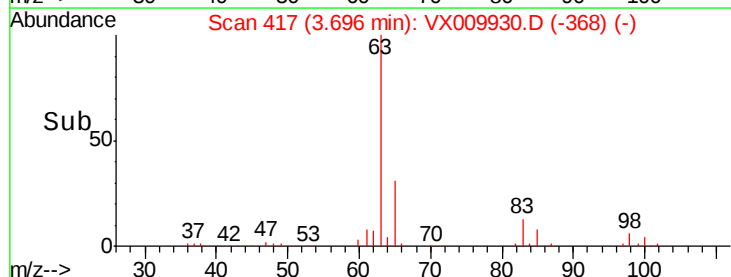
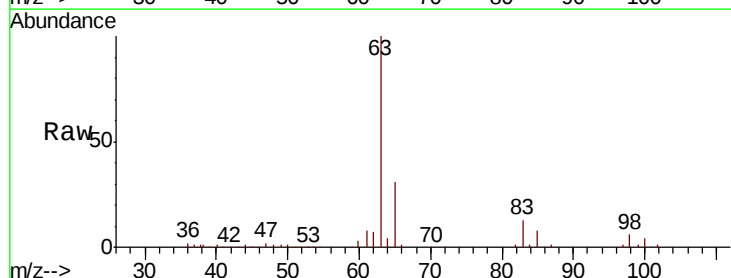
Tgt Ion: 63 Resp: 76725

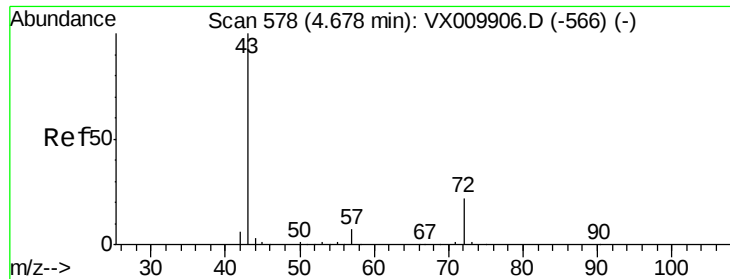
Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

100 3.9 1.8 5.4





#25

2-Butanone

Concen: 97.615 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

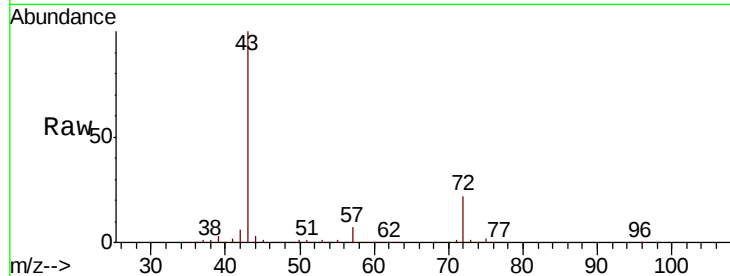
VX0529WBS01

Tot Ion: 43 Resp: 212759

Ion Ratio Lower Upper

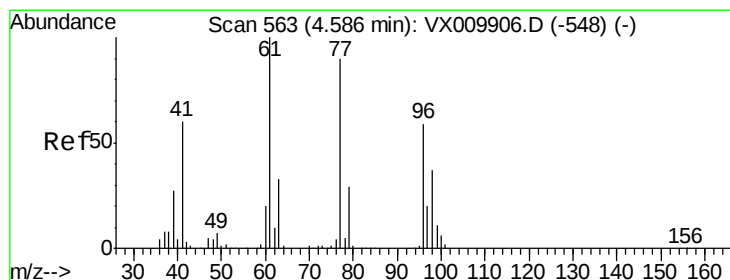
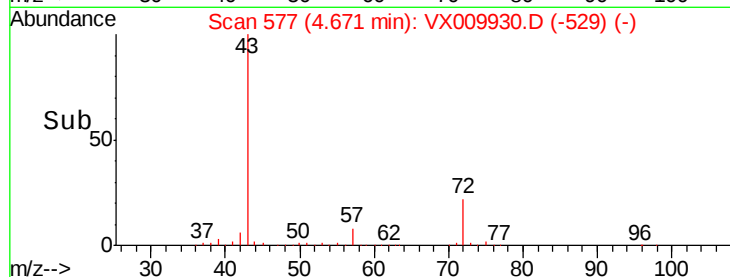
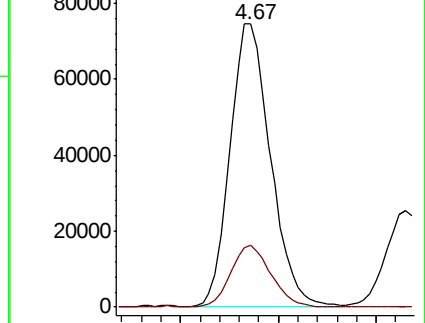
43 100

72 21.6 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.926 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009930.D

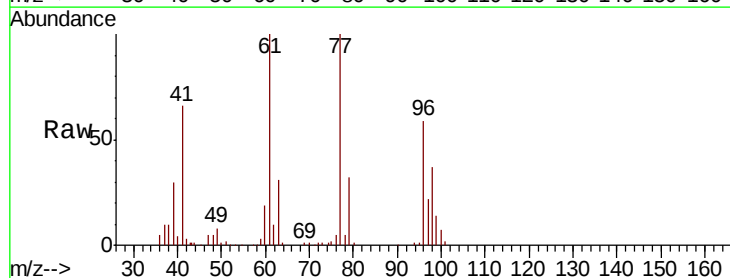
Acq: 29 May 2019 11:22

Tgt Ion: 77 Resp: 58640

Ion Ratio Lower Upper

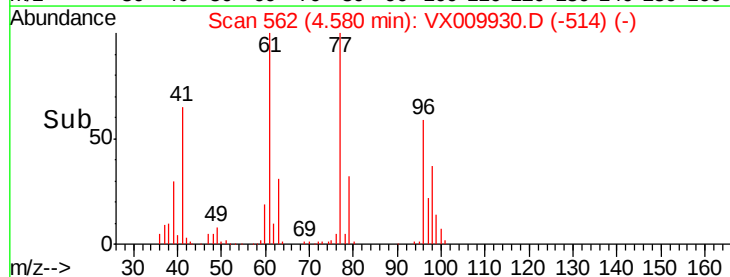
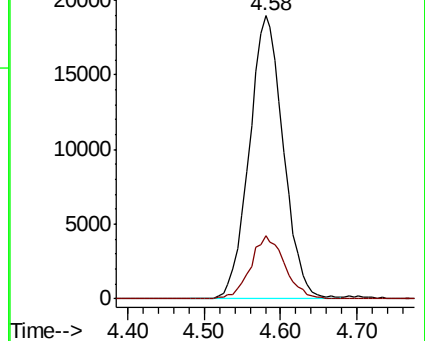
77 100

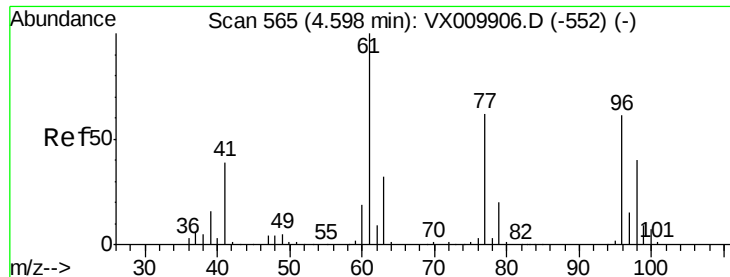
97 22.3 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



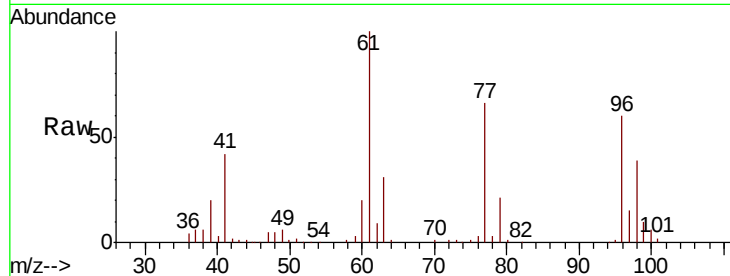


#27

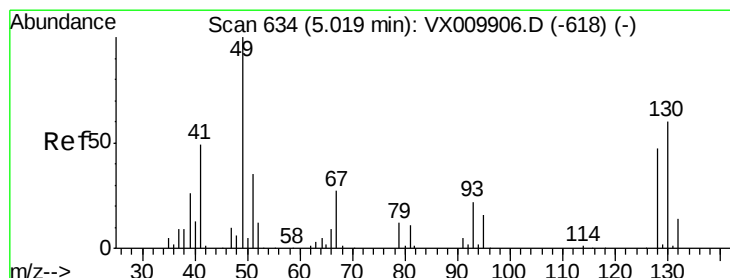
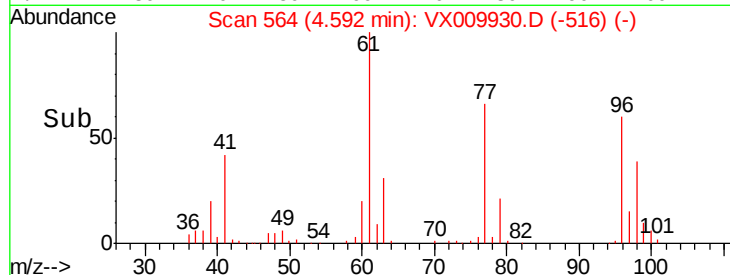
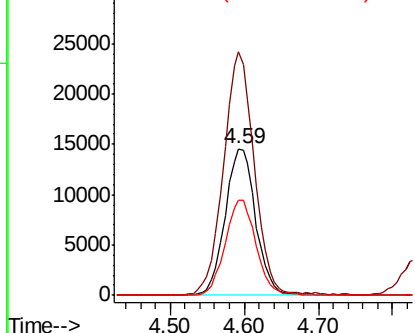
cis-1,2-Dichloroethene
 Concen: 18.672 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Tot Ion: 96 Resp: 41631
 Ion Ratio Lower Upper
 96 100
 61 167.8 0.0 334.0
 98 65.4 0.0 131.6



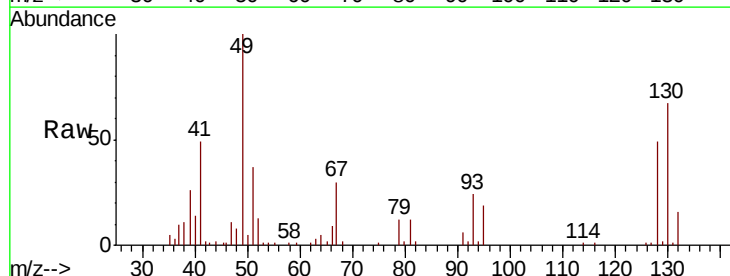
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



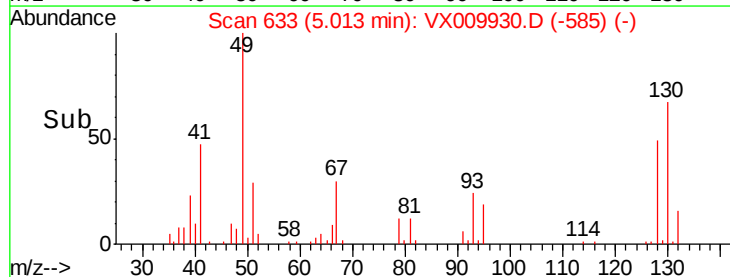
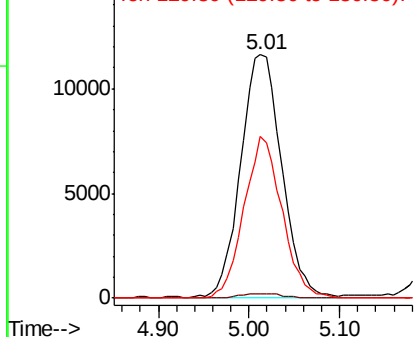
#28

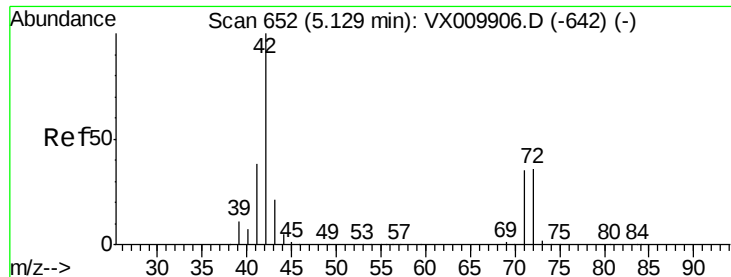
Bromochloromethane
 Concen: 18.157 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Tgt Ion: 49 Resp: 36656
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 60.9 49.4 74.2



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





#29

Tetrahydrofuran

Concen: 97.220 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

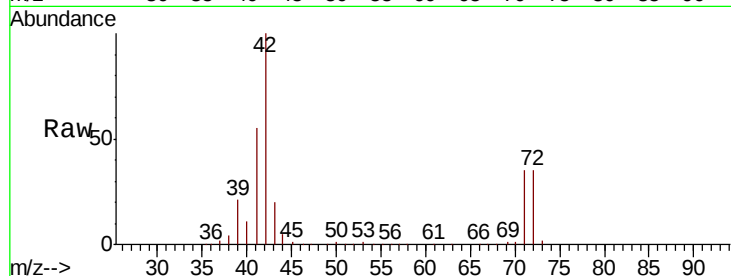
Tot Ion: 42 Resp: 135881

Ion Ratio Lower Upper

42 100

72 36.2 29.2 43.8

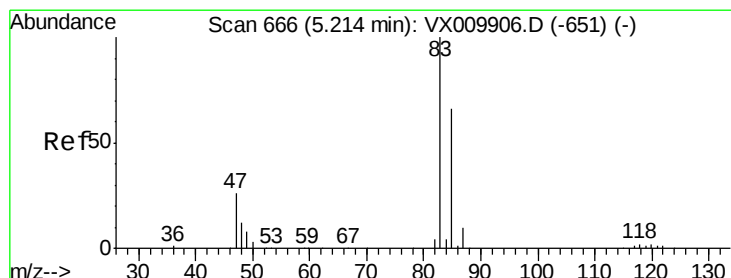
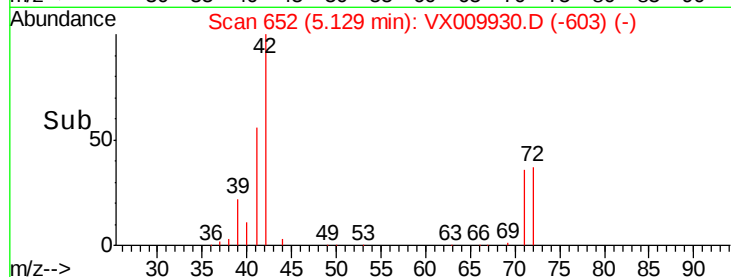
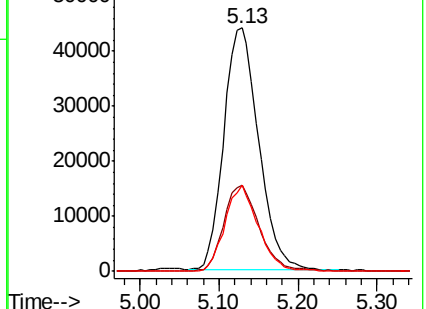
71 34.0 27.6 41.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.531 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX009930.D

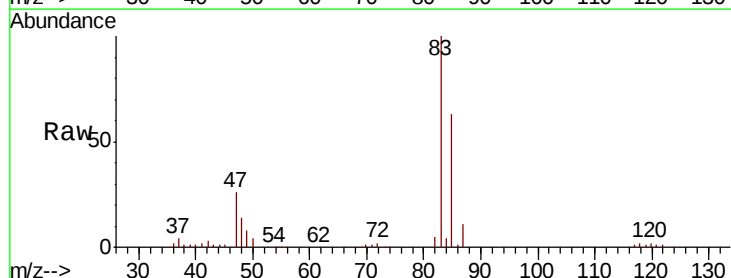
Acq: 29 May 2019 11:22

Tgt Ion: 83 Resp: 68527

Ion Ratio Lower Upper

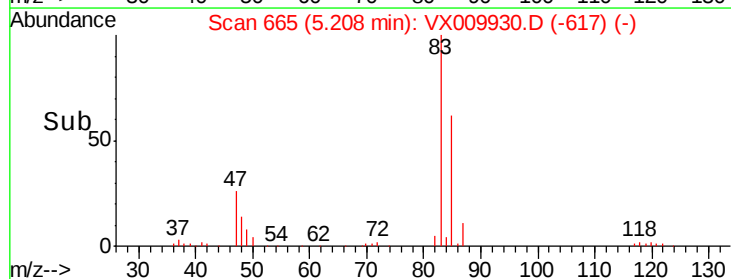
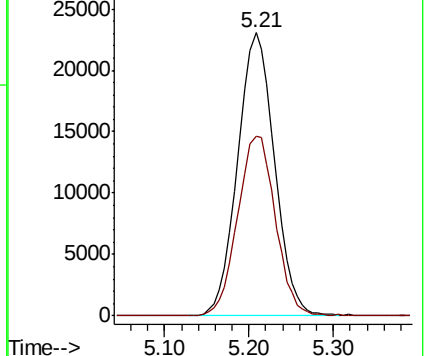
83 100

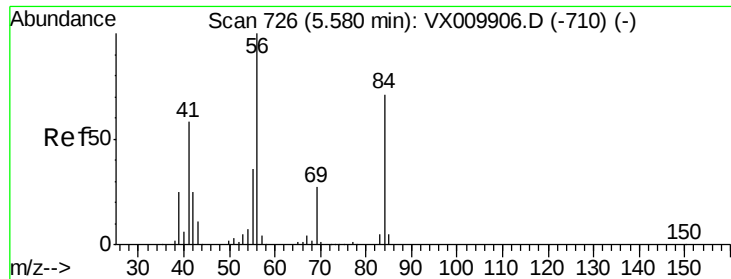
85 63.3 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

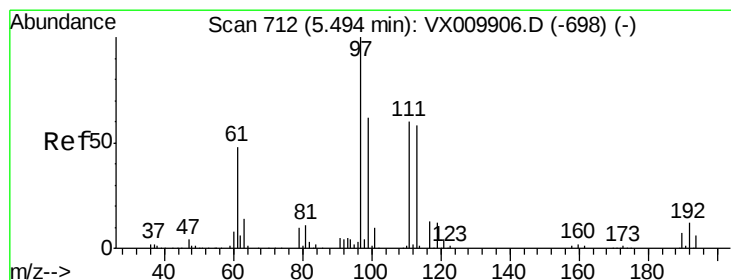
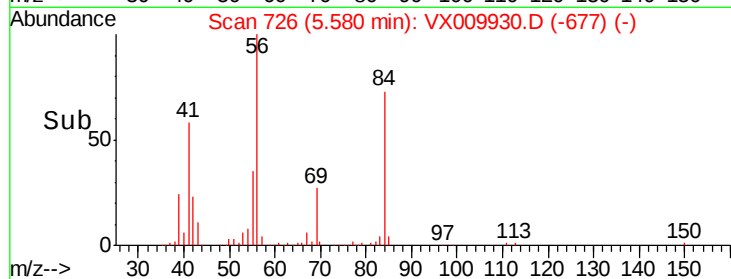
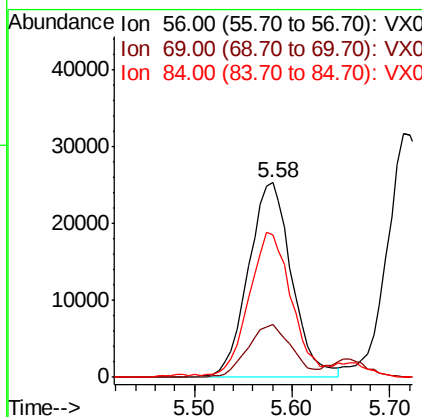
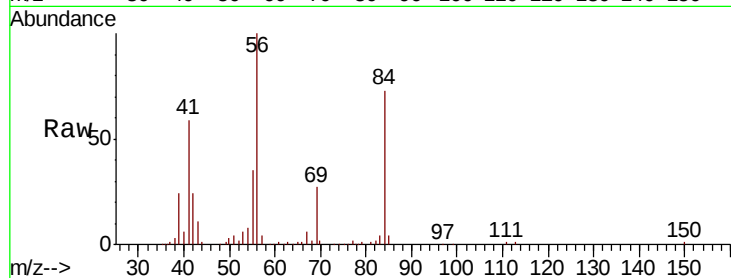




#31
Cyclohexane
Concen: 21.278 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

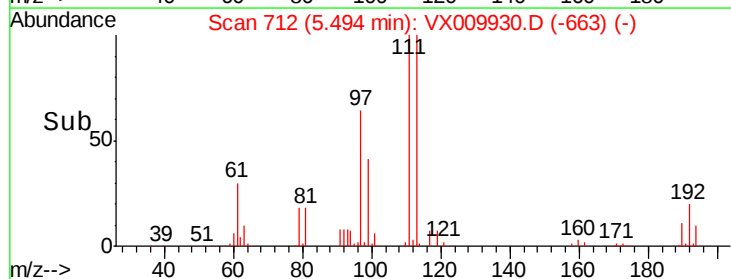
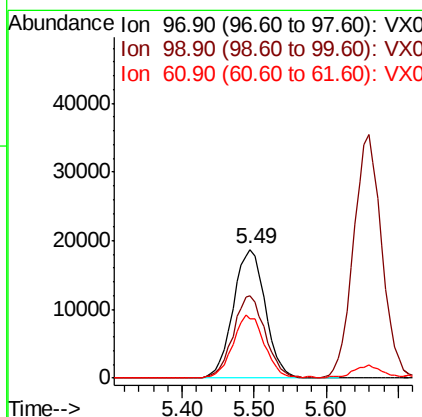
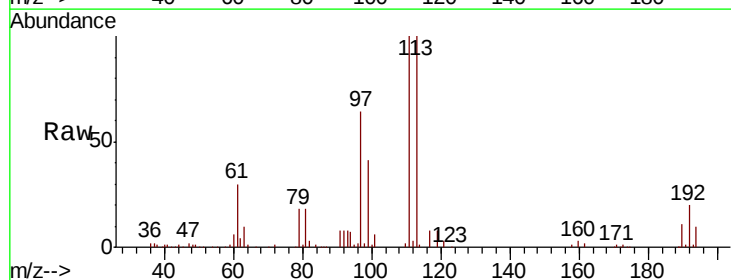
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

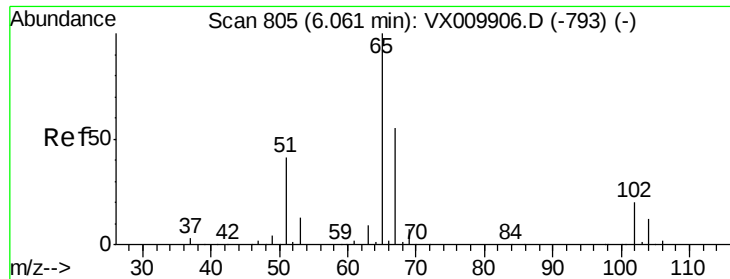
Tot Ion: 56 Resp: 78403
Ion Ratio Lower Upper
56 100
69 27.2 21.6 32.4
84 71.7 56.8 85.2



#32
1,1,1-Trichloroethane
Concen: 20.313 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion: 97 Resp: 58043
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 48.5 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 48.338 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

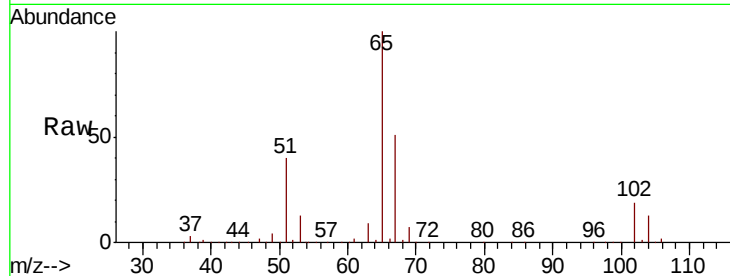
VX0529WBS01

Tot Ion: 65 Resp: 117041

Ion Ratio Lower Upper

65 100

67 53.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

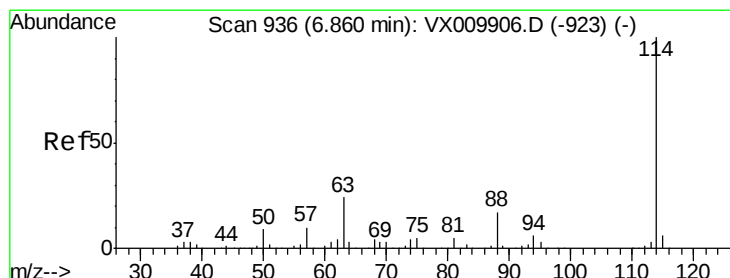
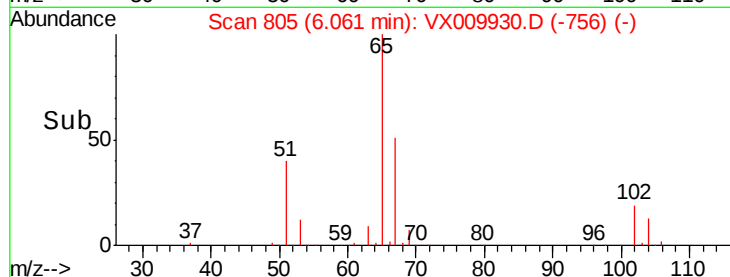
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

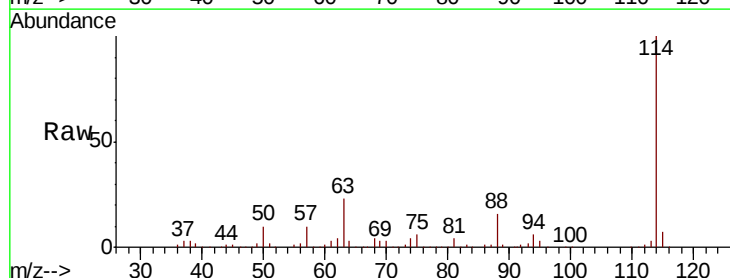
Tgt Ion: 114 Resp: 270385

Ion Ratio Lower Upper

114 100

63 23.3 0.0 47.4

88 15.7 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

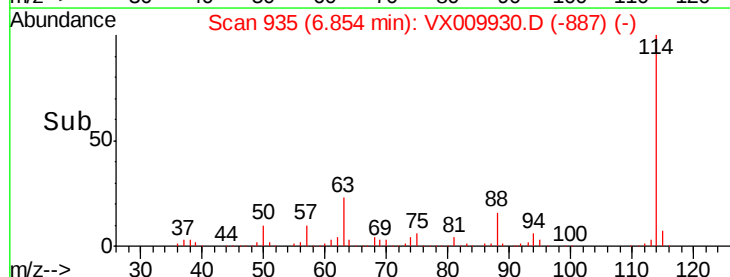
150000

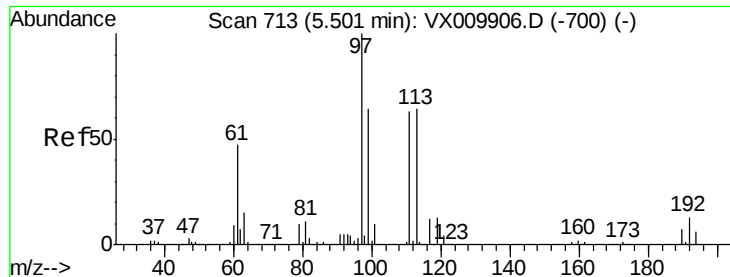
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.644 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

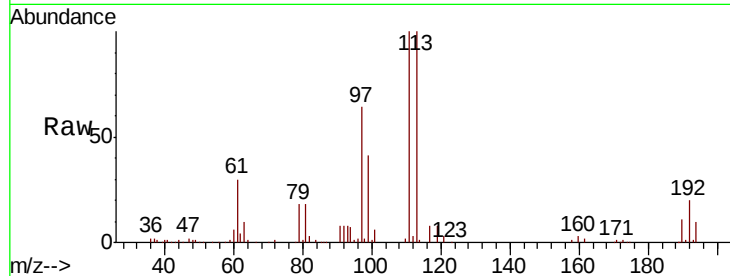
Tot Ion:113 Resp: 82690

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

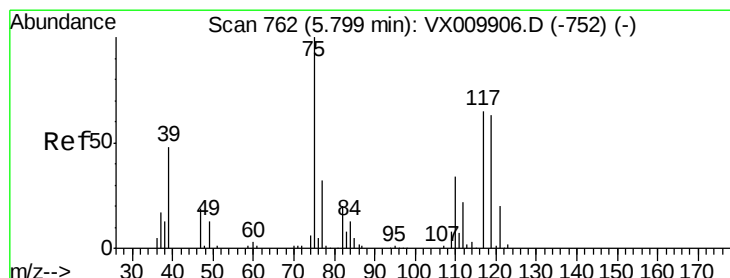
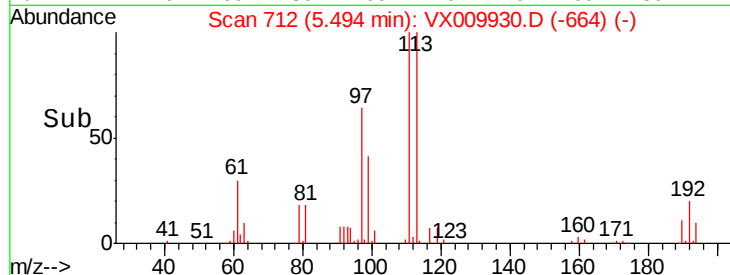
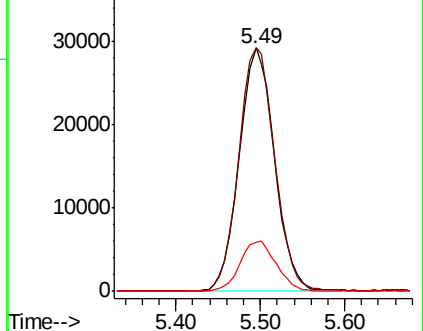
192 21.1 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.627 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

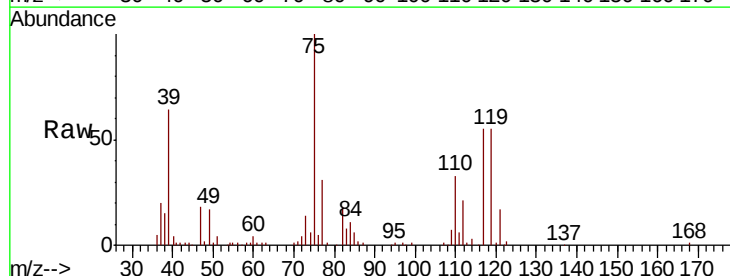
Tgt Ion: 75 Resp: 53844

Ion Ratio Lower Upper

75 100

110 33.8 16.7 50.1

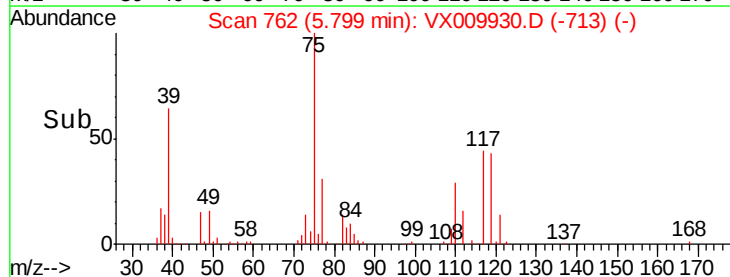
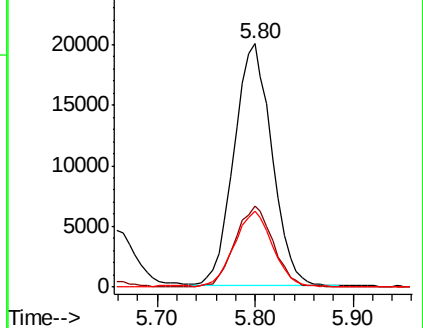
77 31.9 25.0 37.4

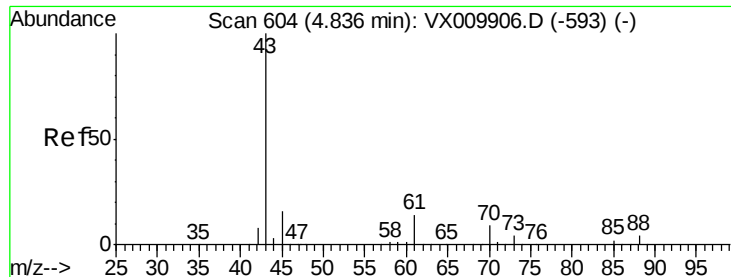


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 20.058 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

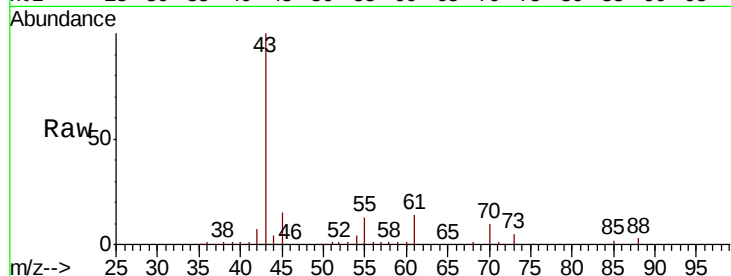
Tot Ion: 43 Resp: 76674

Ion Ratio Lower Upper

43 100

61 13.5 10.2 15.2

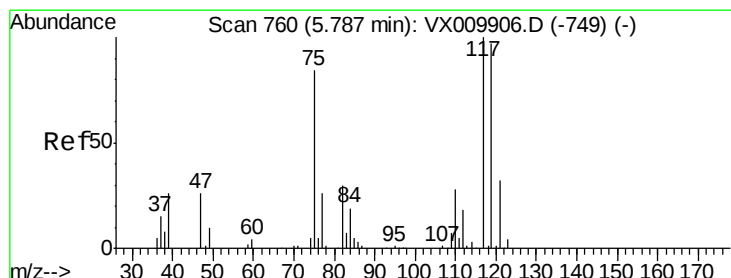
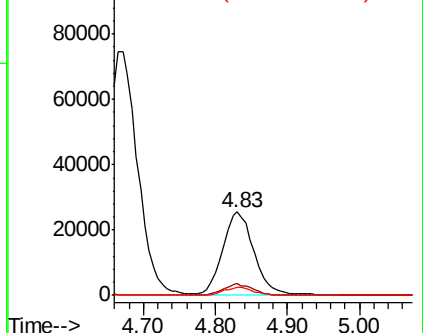
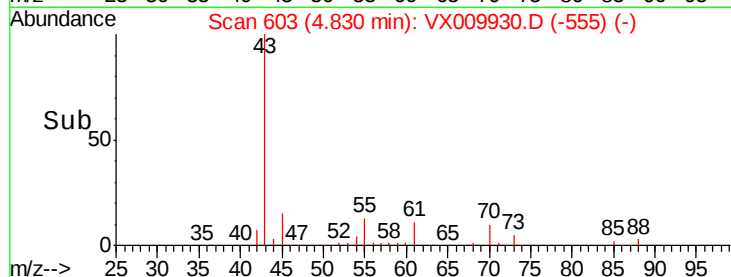
70 9.6 7.4 11.2



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: 20.494 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

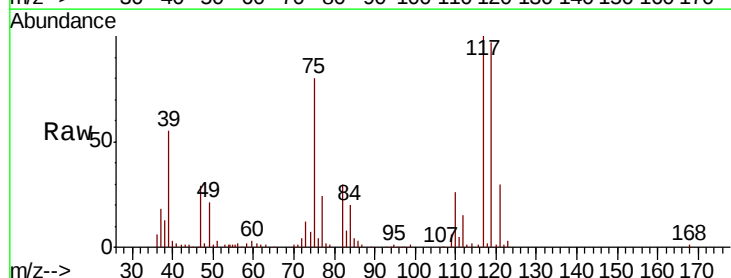
Tgt Ion: 117 Resp: 48583

Ion Ratio Lower Upper

117 100

119 97.4 77.3 115.9

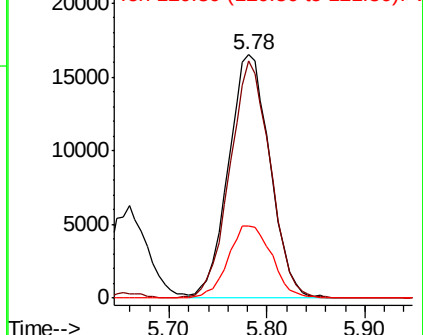
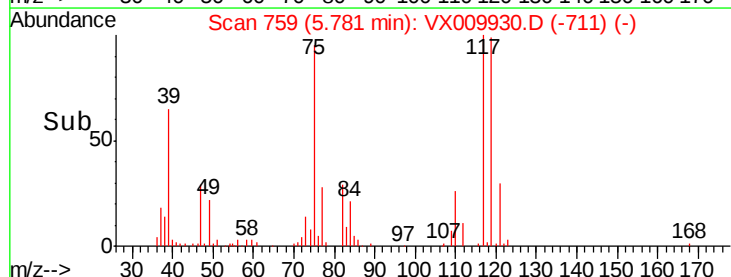
121 29.6 25.4 38.0

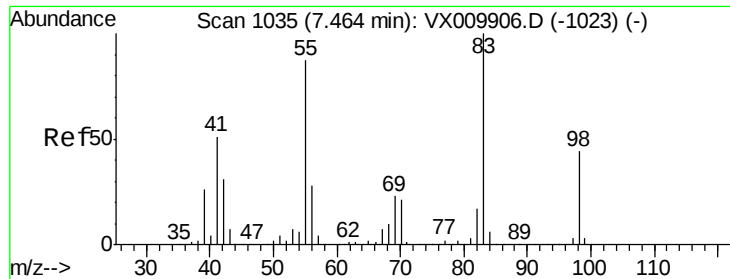


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

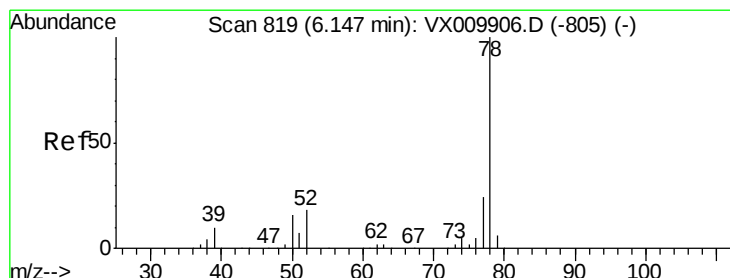
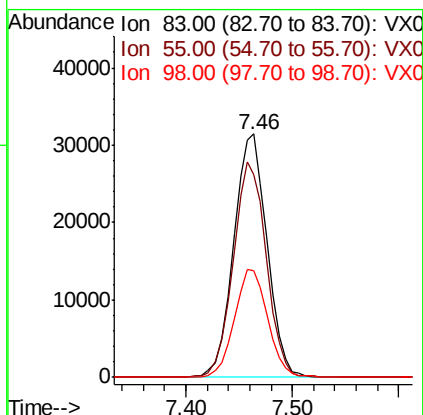
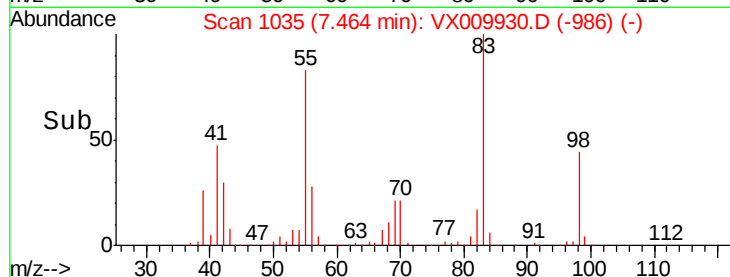
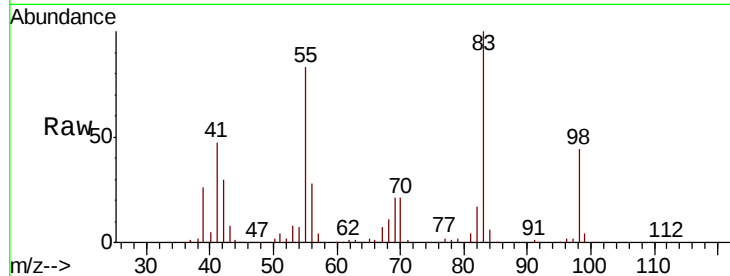




#39
Methvlcvclohexane
Concen: 21.224 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

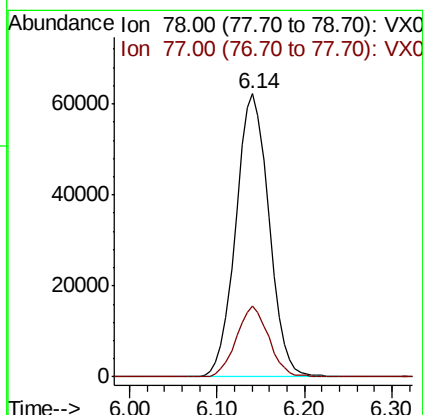
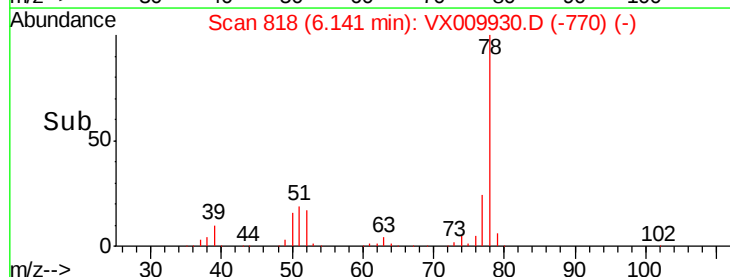
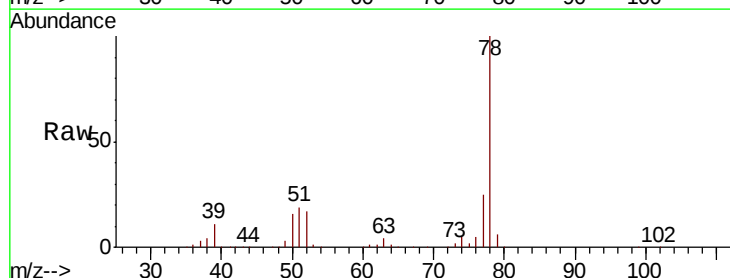
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

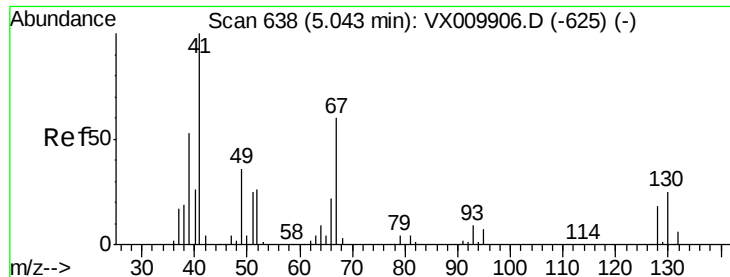
Tot Ion: 83 Resp: 69066
Ion Ratio Lower Upper
83 100
55 83.2 69.9 104.9
98 43.7 35.1 52.7



#40
Benzene
Concen: 20.166 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion: 78 Resp: 164109
Ion Ratio Lower Upper
78 100
77 24.8 19.2 28.8





#41

Methacrylonitrile

Concen: 18.829 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

Tot Ion: 41 Resp: 42058

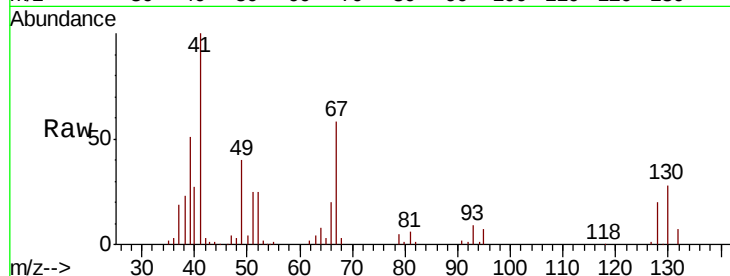
Ion Ratio Lower Upper

41 100

39 56.0 42.2 63.4

67 63.6 48.9 73.3

52 28.5 20.1 30.1

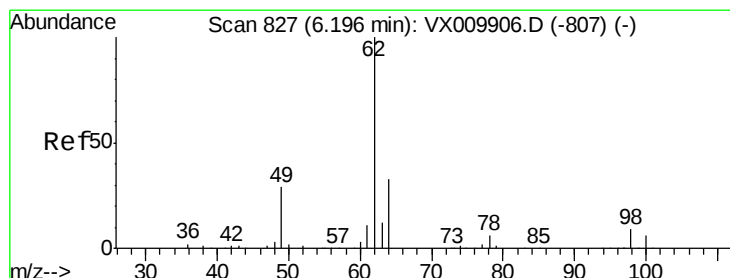
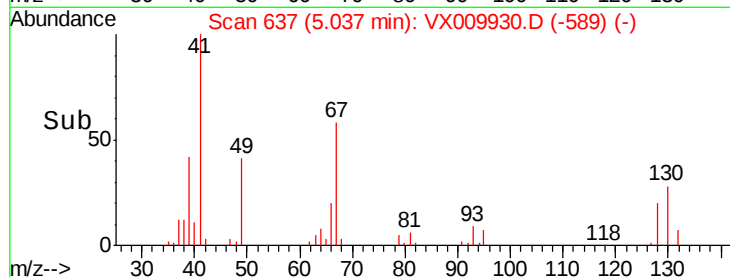
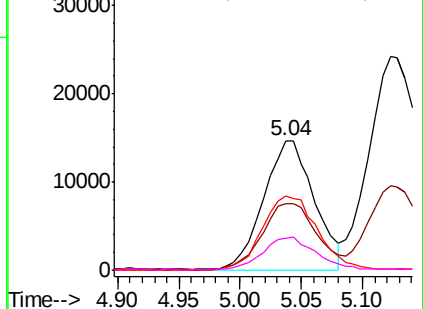


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.839 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX009930.D

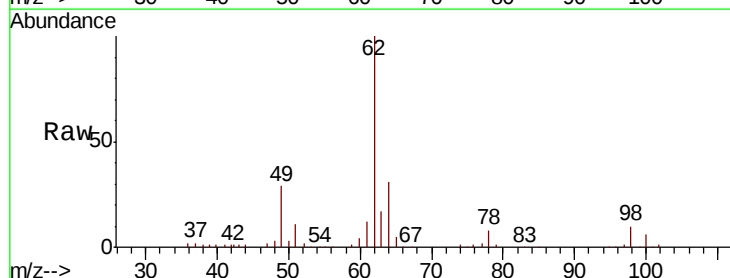
Acq: 29 May 2019 11:22

Tgt Ion: 62 Resp: 59689

Ion Ratio Lower Upper

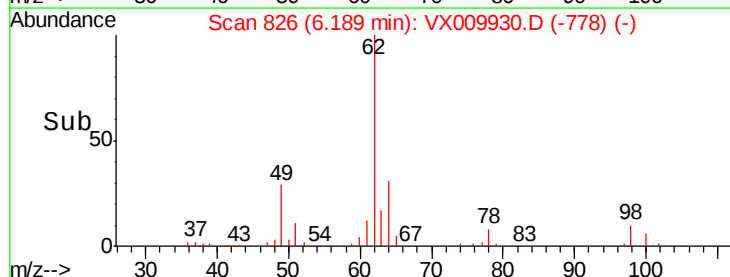
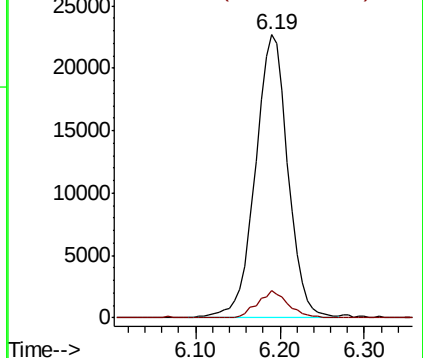
62 100

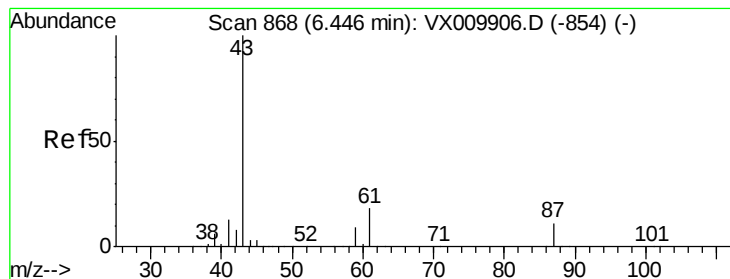
98 9.0 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.256 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

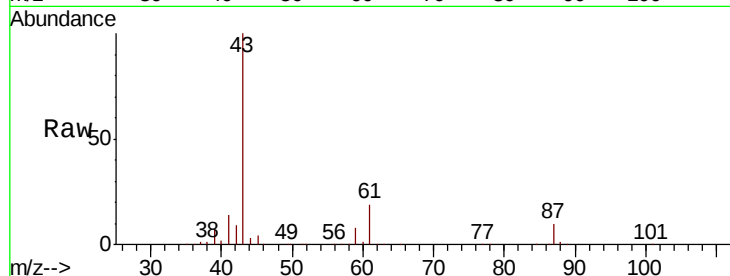
Tot Ion: 43 Resp: 118769

Ion Ratio Lower Upper

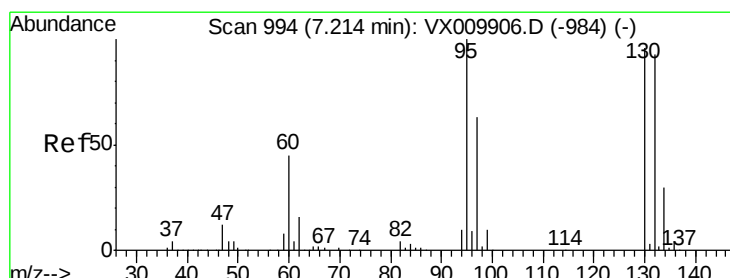
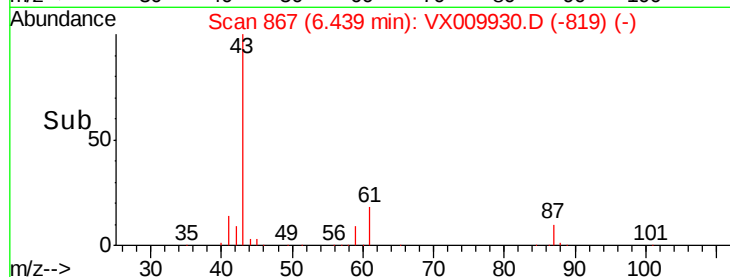
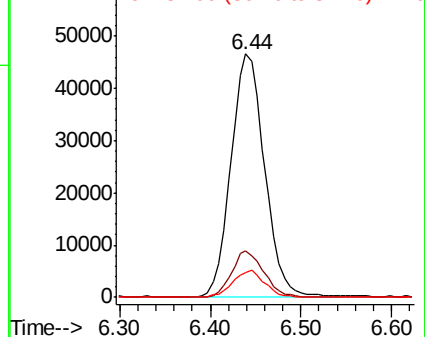
43 100

61 18.6 14.6 21.8

87 10.7 8.7 13.1



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: 20.112 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009930.D

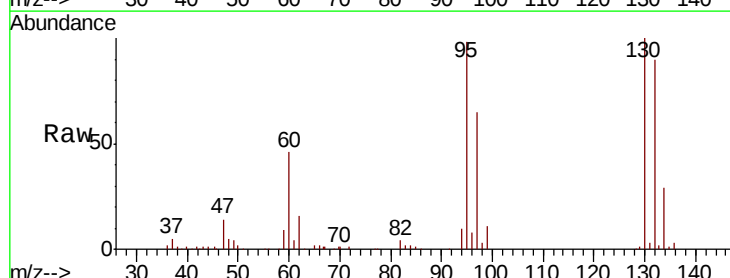
Acq: 29 May 2019 11:22

Tgt Ion:130 Resp: 39757

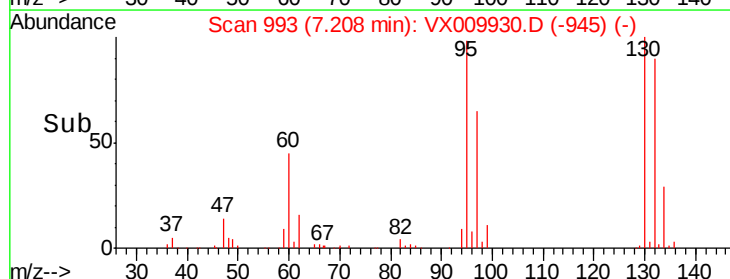
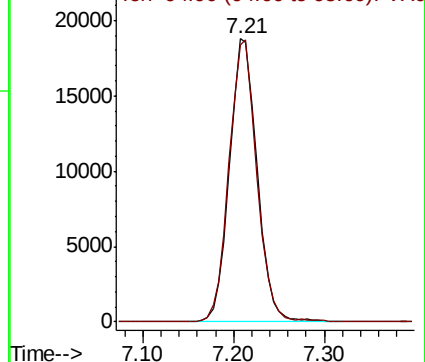
Ion Ratio Lower Upper

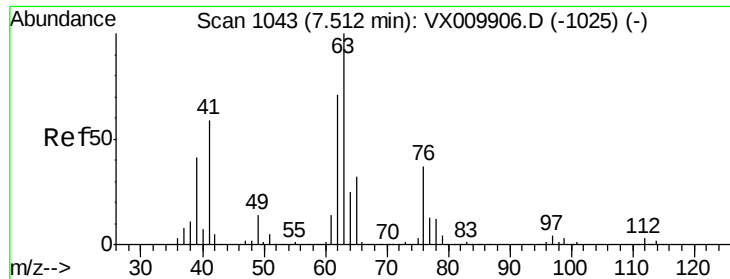
130 100

95 98.0 0.0 207.4



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





#45

1,2-Dichloropropane

Concen: 19.952 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampled :

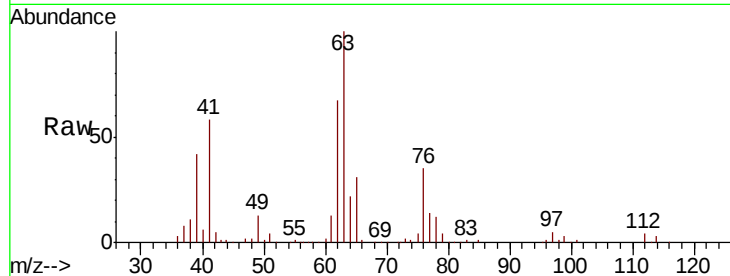
VX0529WBS01

Tot Ion: 63 Resp: 46742

Ion Ratio Lower Upper

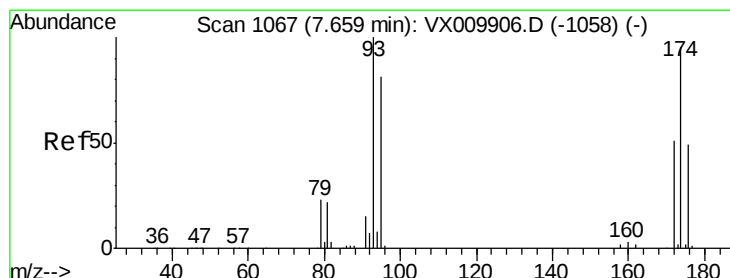
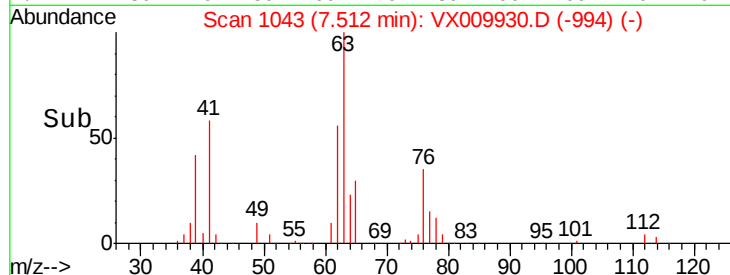
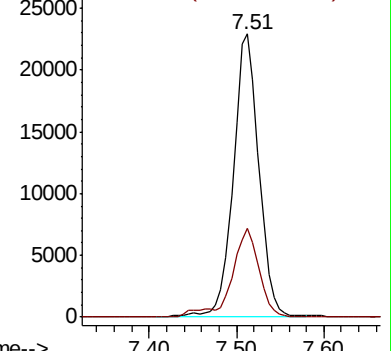
63 100

65 31.2 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.102 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

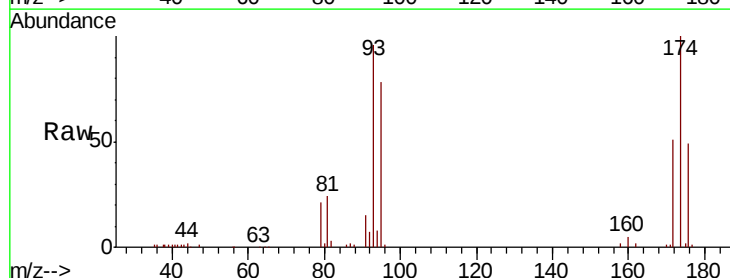
Tgt Ion: 93 Resp: 26341

Ion Ratio Lower Upper

93 100

95 81.8 66.8 100.2

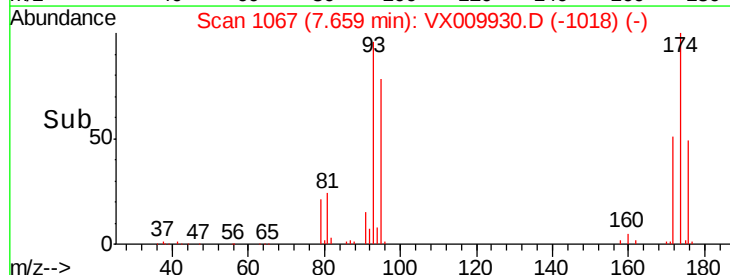
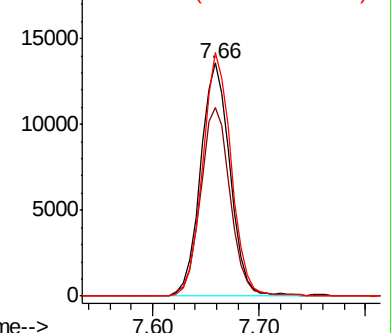
174 101.4 81.9 122.9

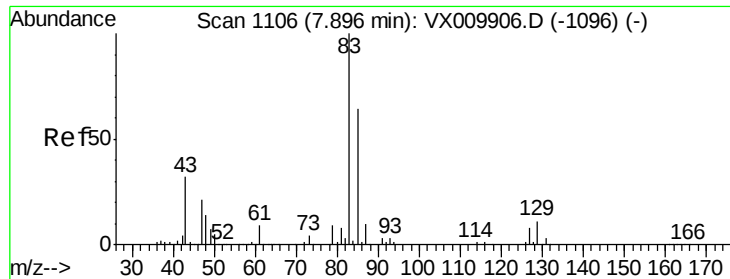


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.129 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

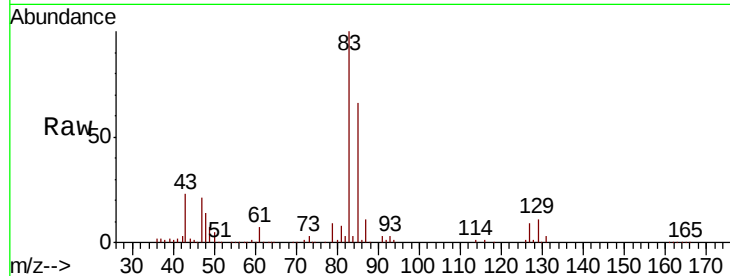
Tot Ion: 83 Resp: 52784

Ion Ratio Lower Upper

83 100

85 65.5 51.4 77.2

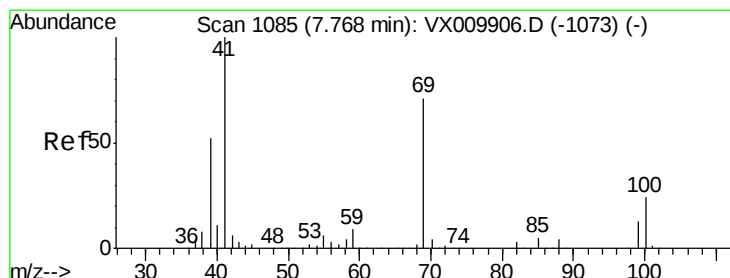
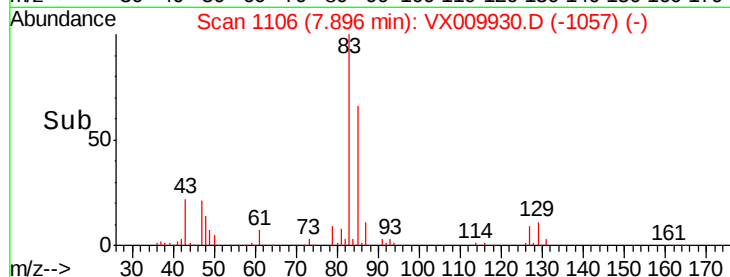
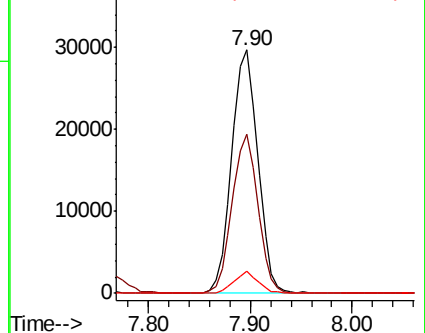
127 8.9 6.4 9.6



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: 19.593 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

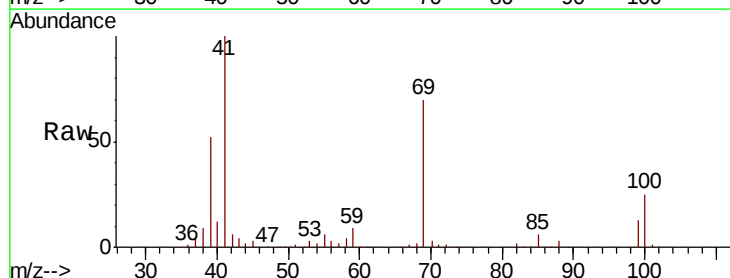
Tgt Ion: 41 Resp: 59824

Ion Ratio Lower Upper

41 100

69 71.6 56.4 84.6

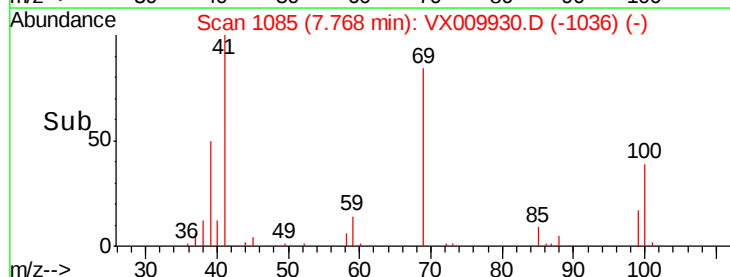
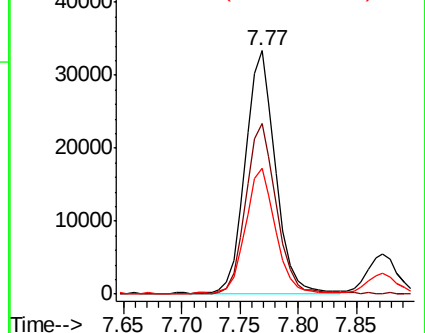
39 51.6 40.6 60.8

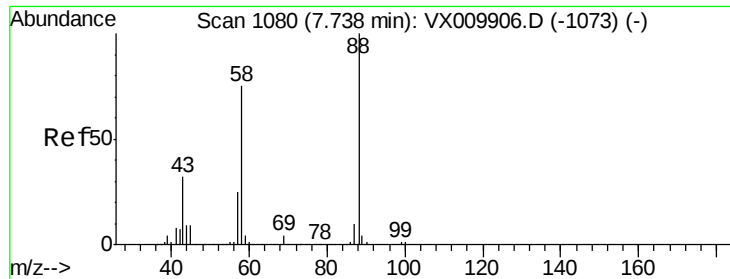


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

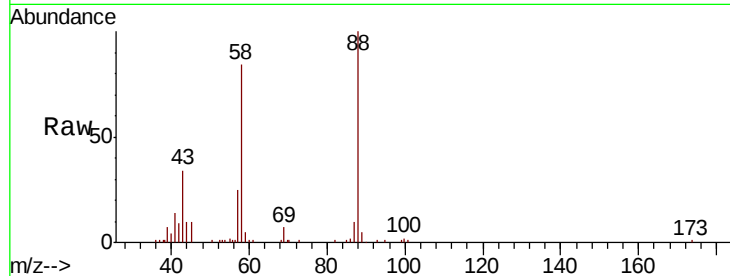




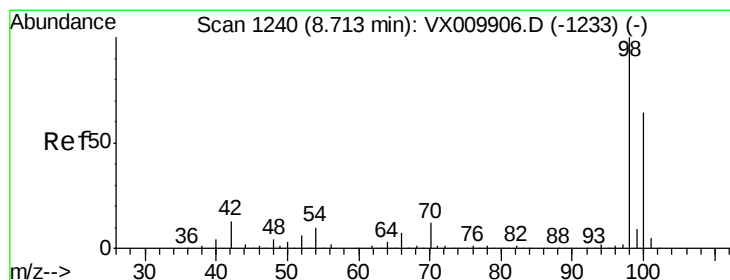
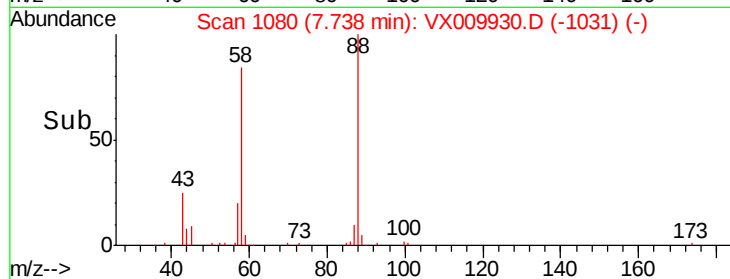
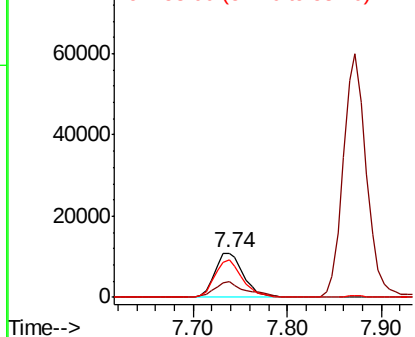
#49
 1,4-Dioxane
 Concen: 411.098 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Tot Ion: 88 Resp: 23348
 Ion Ratio Lower Upper
 88 100
 43 38.1 30.2 45.4
 58 80.5 64.0 96.0

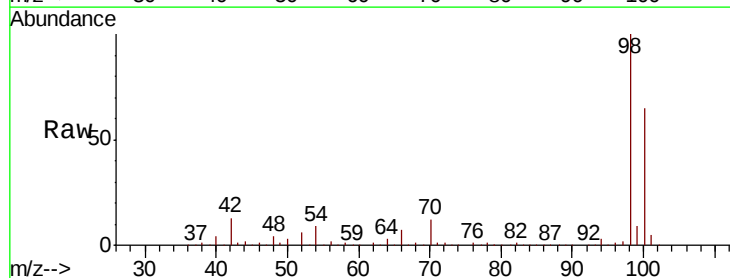


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

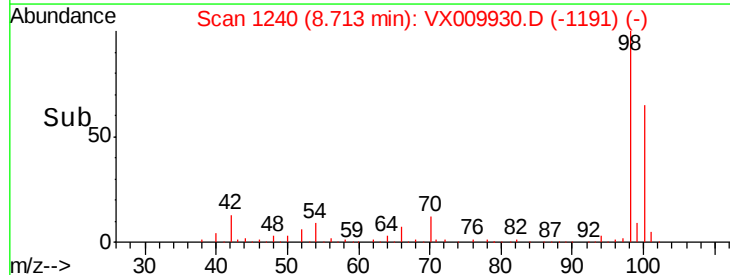
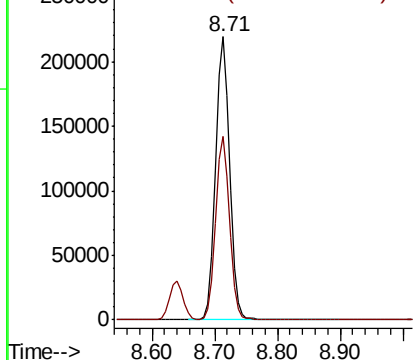


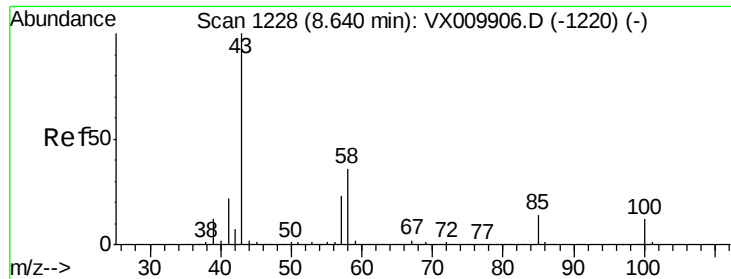
#50
 Toluene-d8
 Concen: 49.277 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Tgt Ion: 98 Resp: 340160
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.5 77.3



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





#51

4-Methyl-2-Pentanone

Concen: 95.492 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampled :

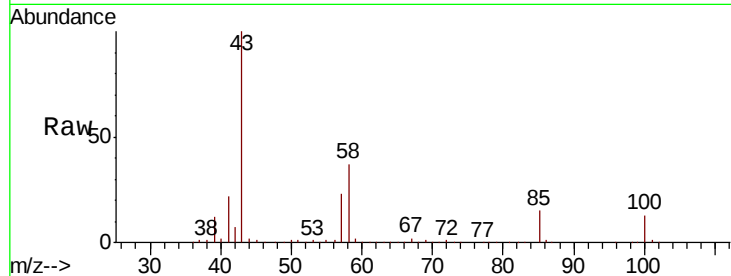
VX0529WBS01

Tot Ion: 43 Resp: 383140

Ion Ratio Lower Upper

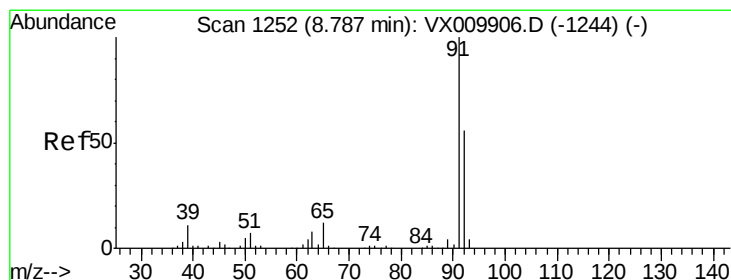
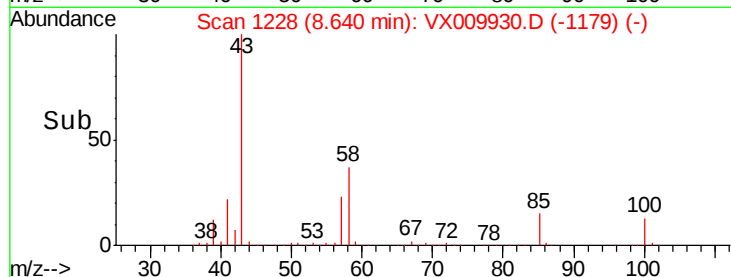
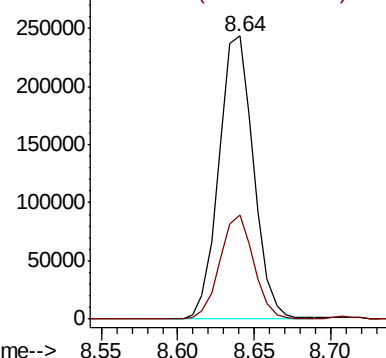
43 100

58 36.0 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.916 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009930.D

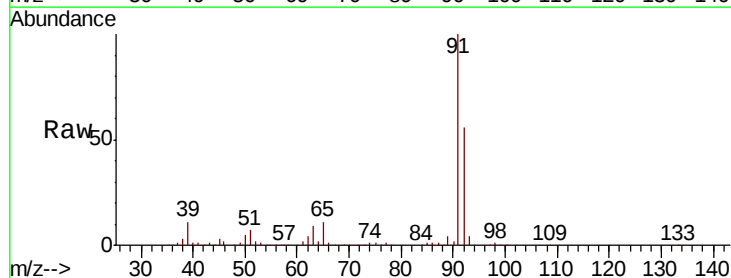
Acq: 29 May 2019 11:22

Tgt Ion: 92 Resp: 98408

Ion Ratio Lower Upper

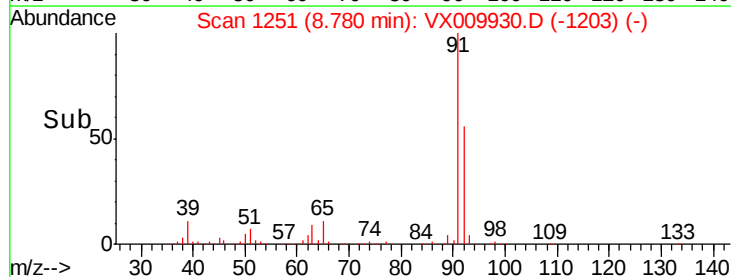
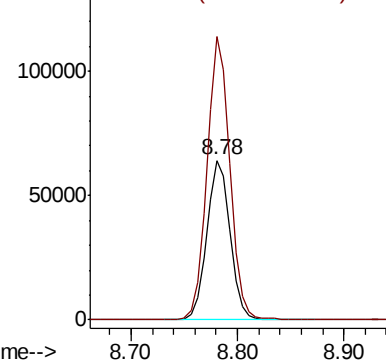
92 100

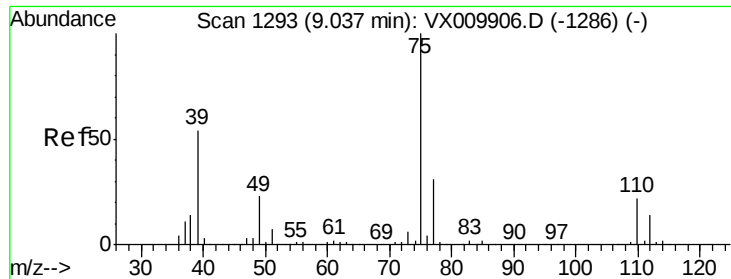
91 174.5 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

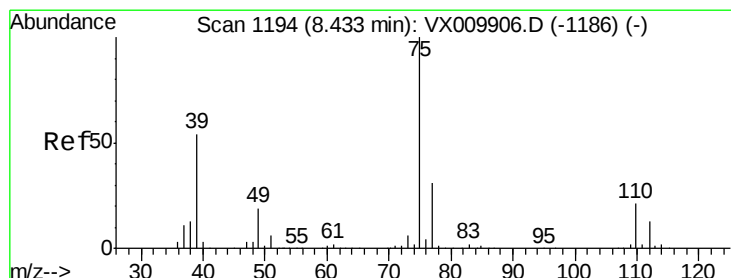
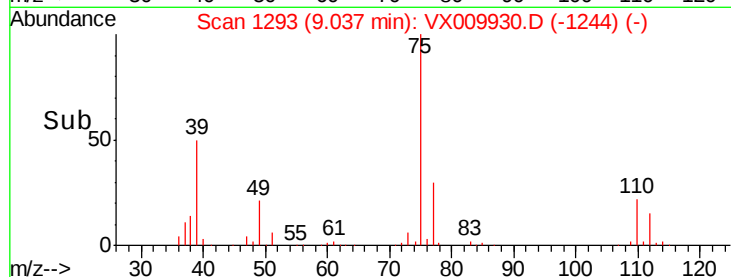
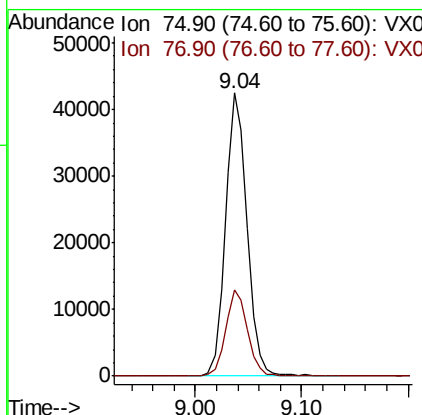
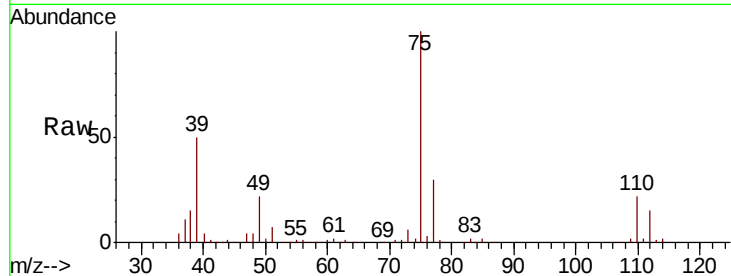




#53
t-1,3-Dichloropropene
Concen: 19.049 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

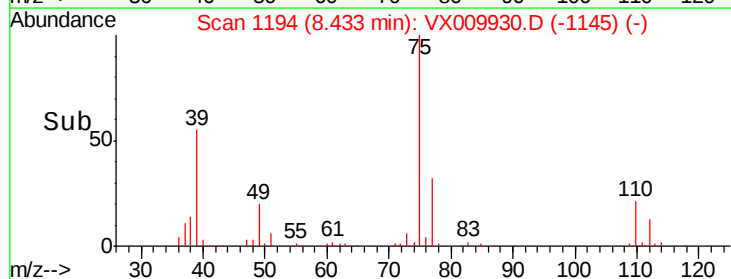
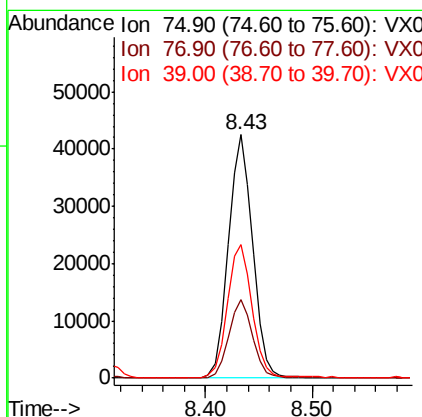
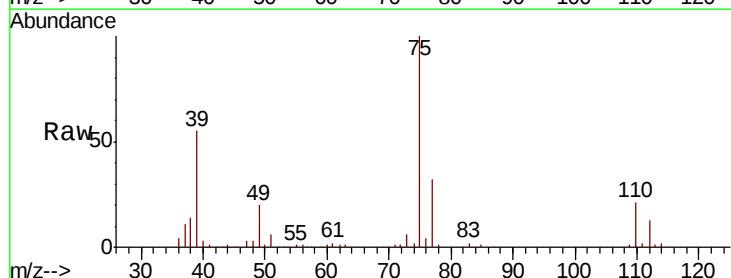
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

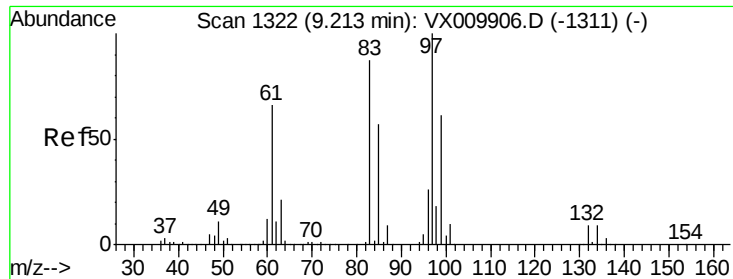
Tot Ion: 75 Resp: 59907
Ion Ratio Lower Upper
75 100
77 30.4 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 19.884 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion: 75 Resp: 68131
Ion Ratio Lower Upper
75 100
77 32.5 24.8 37.2
39 54.7 43.4 65.0

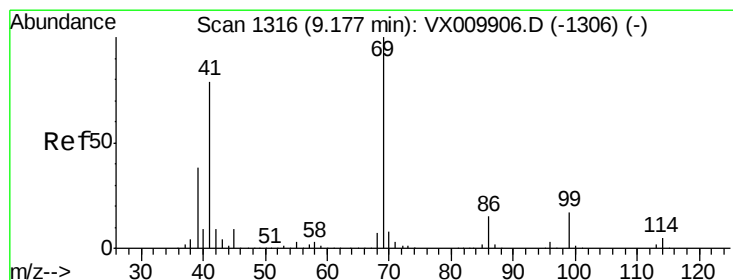
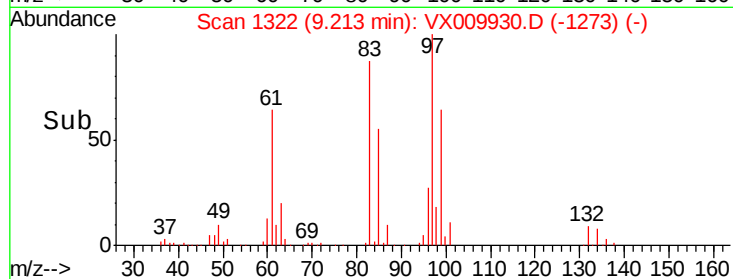
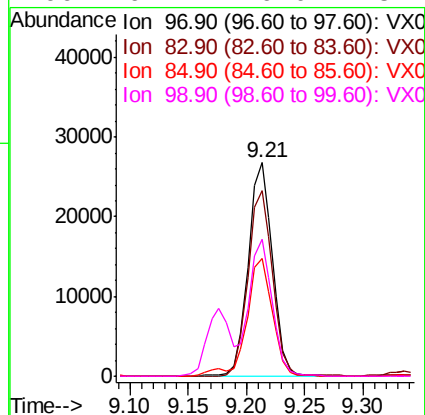
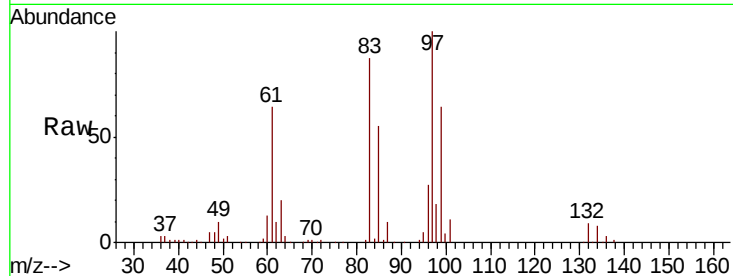




#55
 1,1,2-Trichloroethane
 Concen: 19.666 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

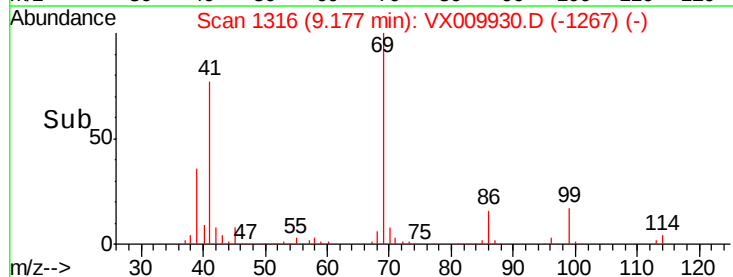
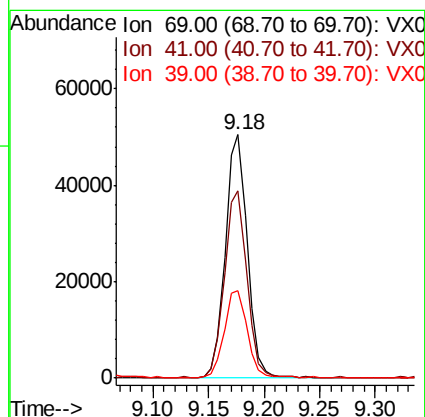
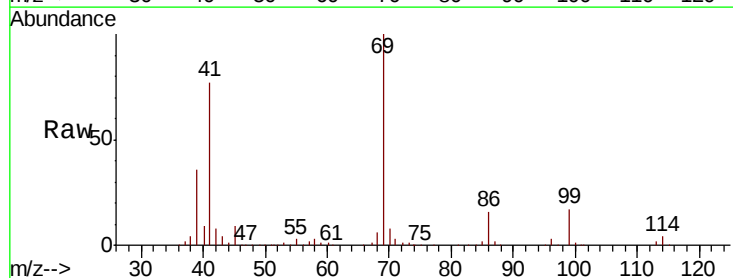
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

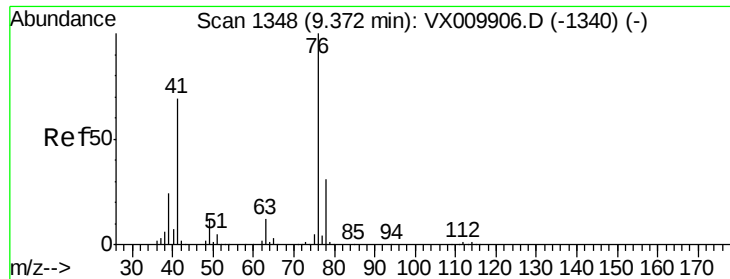
Tot Ion:	97	Resp:	39110
Ion	Ratio	Lower	Upper
97	100		
83	87.2	69.8	104.8
85	54.7	45.3	67.9
99	64.2	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 19.500 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Tgt Ion:	69	Resp:	69043
Ion	Ratio	Lower	Upper
69	100		
41	78.3	62.7	94.1
39	37.3	29.5	44.3

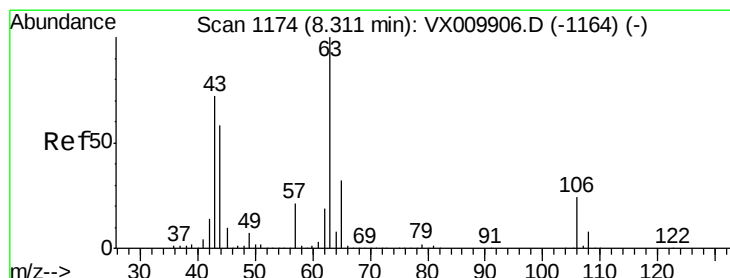
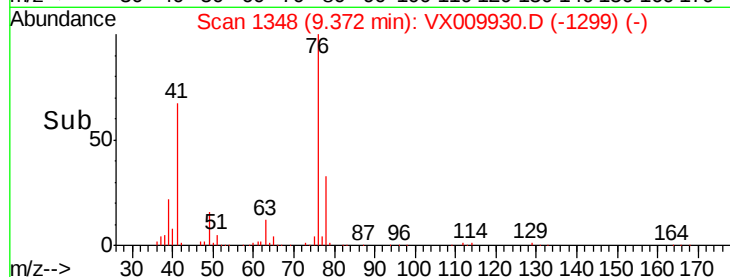
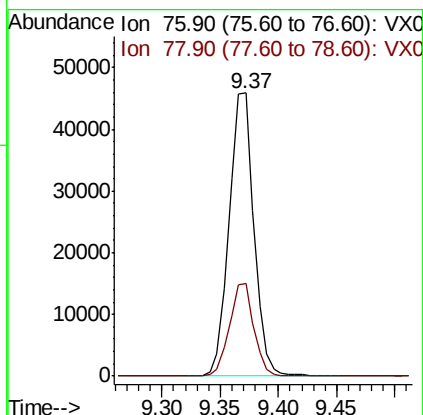
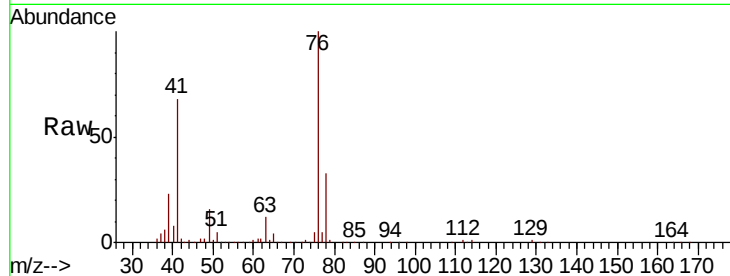




#57
 1,3-Dichloropropane
 Concen: 19.126 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

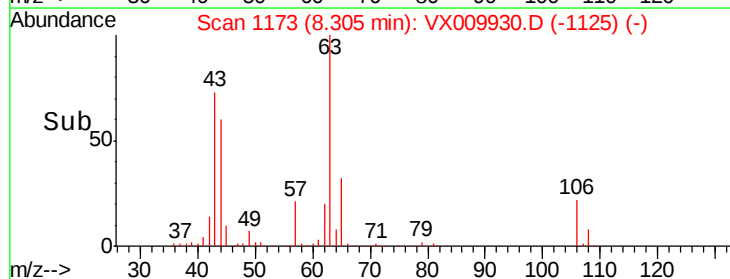
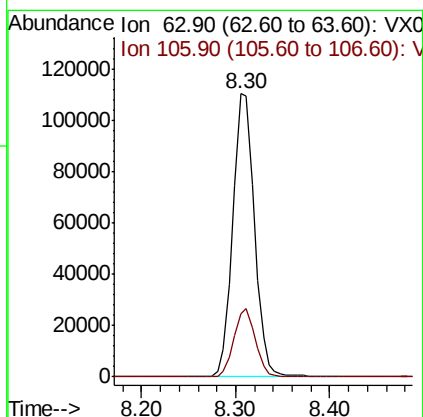
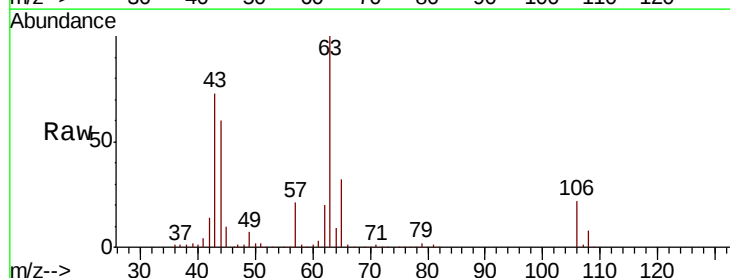
Instrument :
 MSVOA_X
 ClientSampled :
 VX0529WBS01

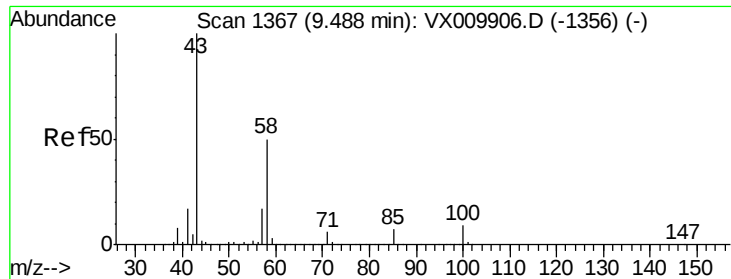
Tot Ion: 76 Resp: 68308
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.045 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Tgt Ion: 63 Resp: 176460
 Ion Ratio Lower Upper
 63 100
 106 23.9 19.4 29.2

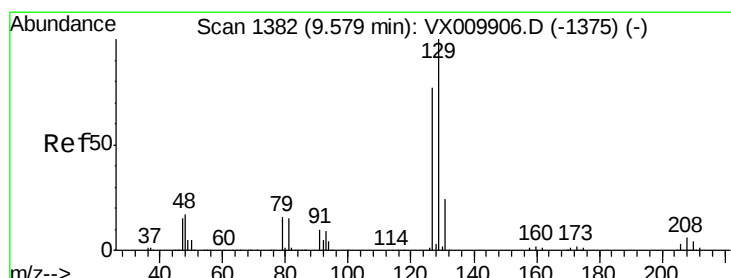
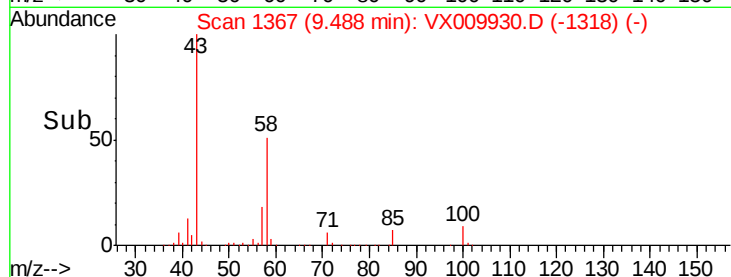
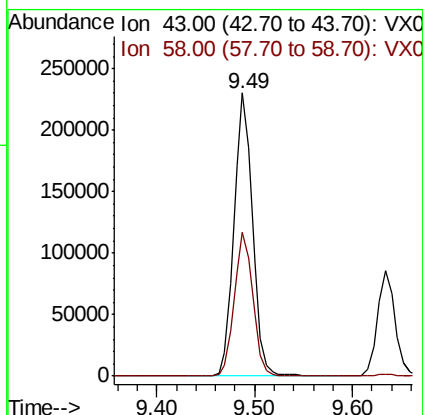
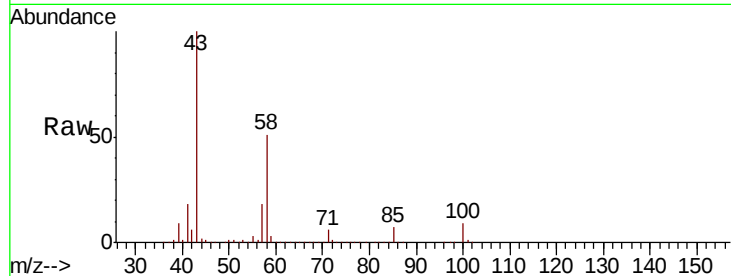




#59
2-Hexanone
Concen: 97.820 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

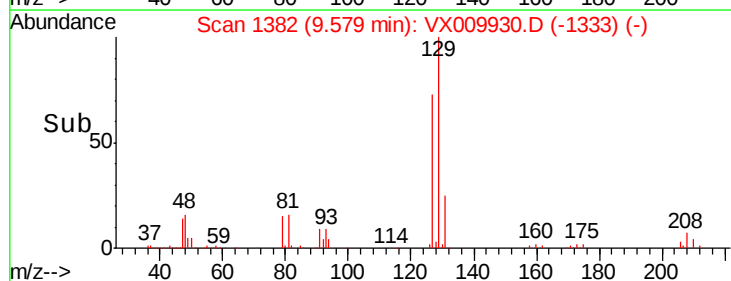
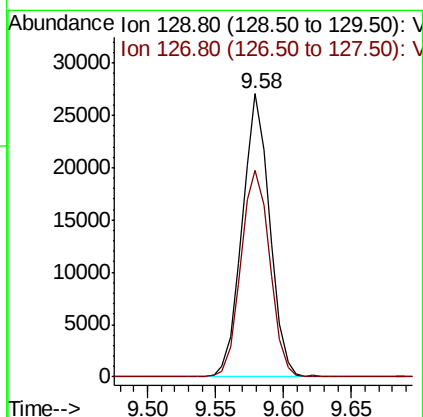
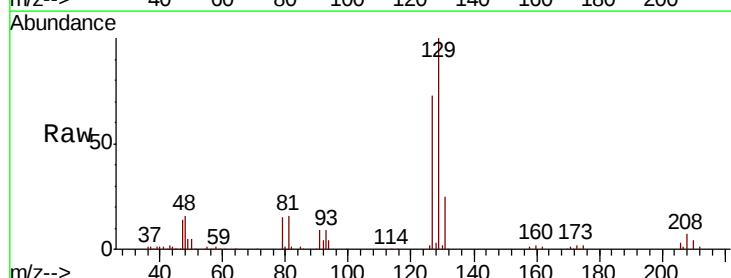
Instrument :
MSVOA_X
ClientSampled :
VX0529WBS01

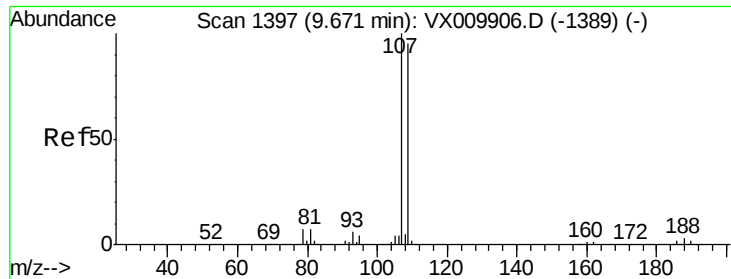
Tot Ion: 43 Resp: 302171
Ion Ratio Lower Upper
43 100
58 51.1 25.1 75.3



#60
Dibromochloromethane
Concen: 19.554 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion:129 Resp: 38253
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.528 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

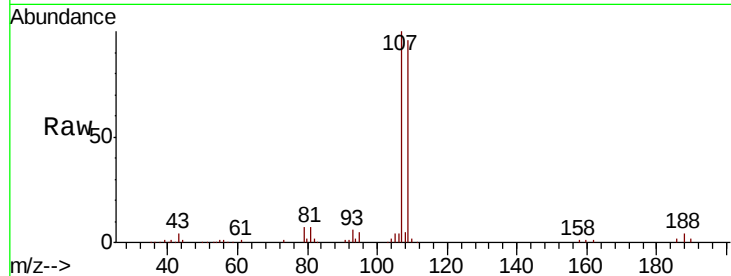
VX0529WBS01

Tot Ion:107 Resp: 39898

Ion Ratio Lower Upper

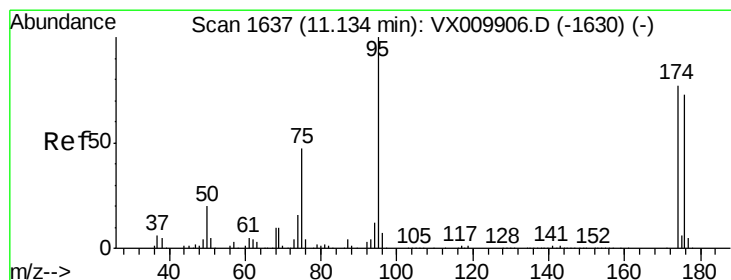
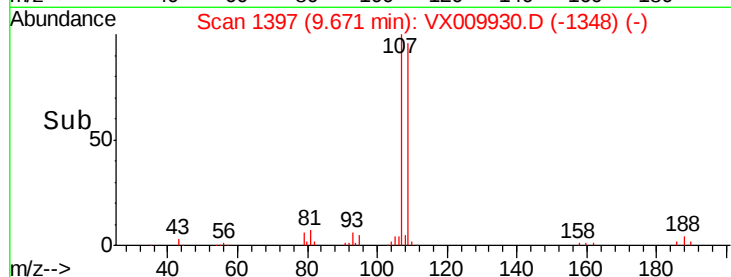
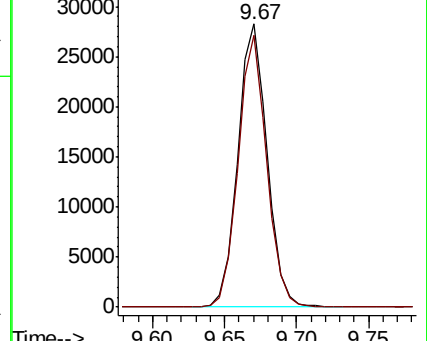
107 100

109 94.0 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.166 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

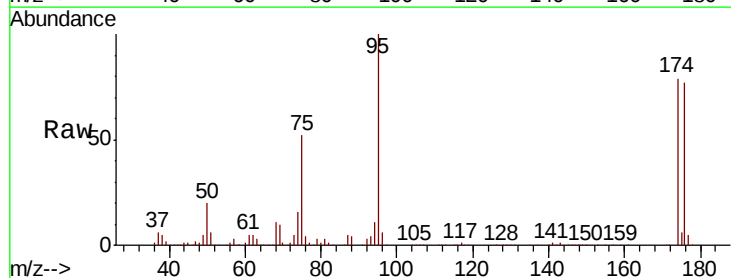
Tgt Ion: 95 Resp: 121904

Ion Ratio Lower Upper

95 100

174 82.4 0.0 160.4

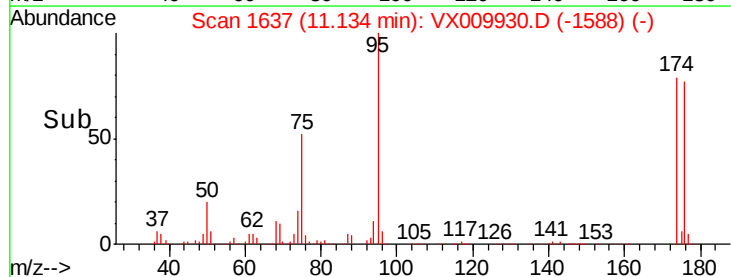
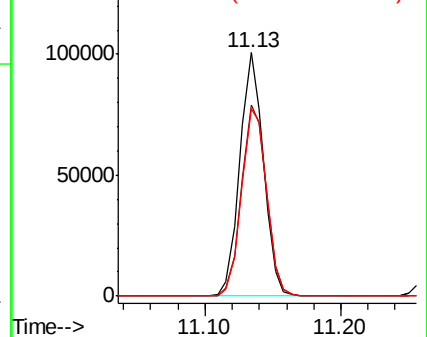
176 81.0 0.0 154.6

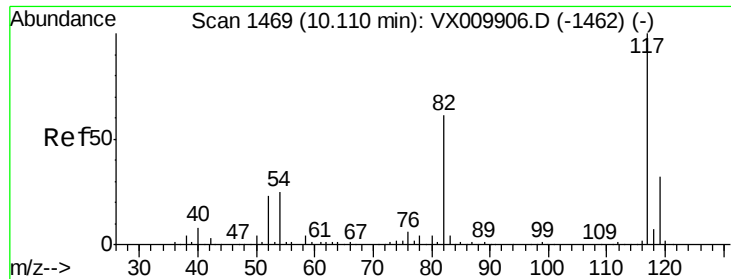


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

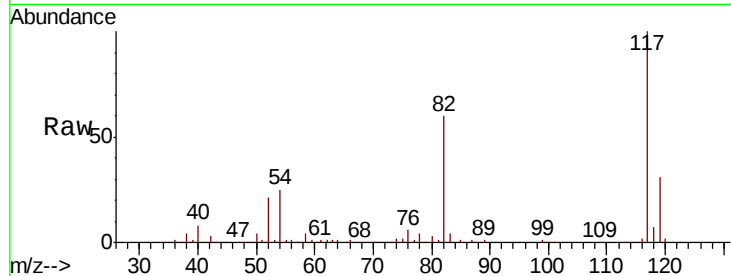




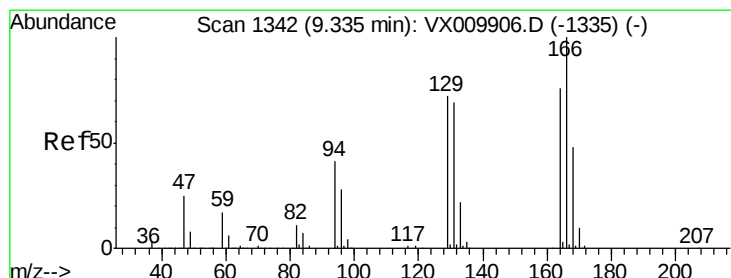
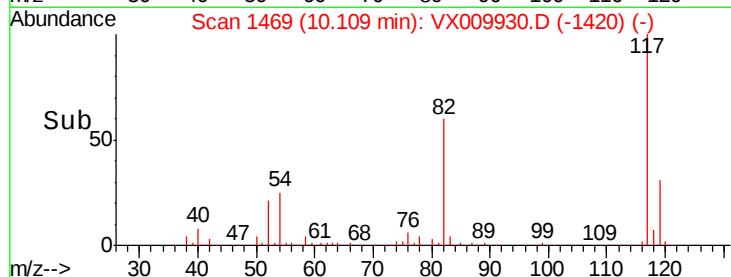
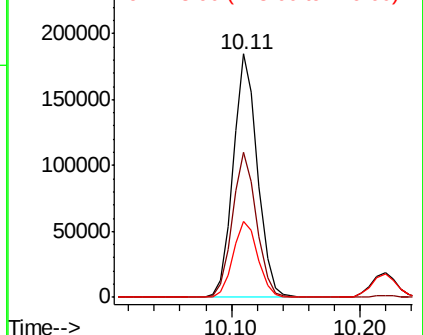
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tot Ion:117 Resp: 241871
Ion Ratio Lower Upper
117 100
82 59.7 49.2 73.8
119 31.3 25.2 37.8

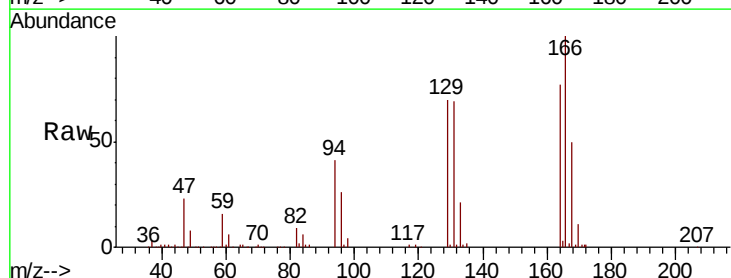


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

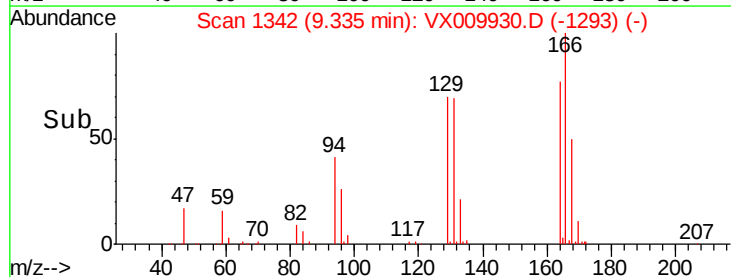
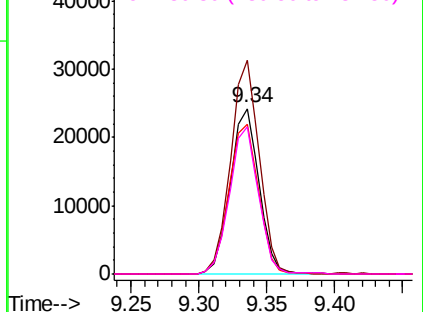


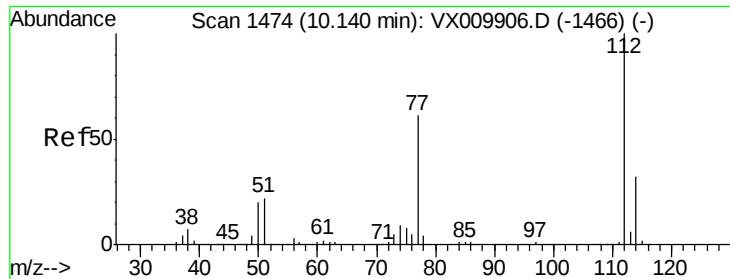
#64
Tetrachloroethene
Concen: 21.124 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion:164 Resp: 35688
Ion Ratio Lower Upper
164 100
166 129.2 105.0 157.4
129 90.7 75.1 112.7
131 89.4 72.2 108.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

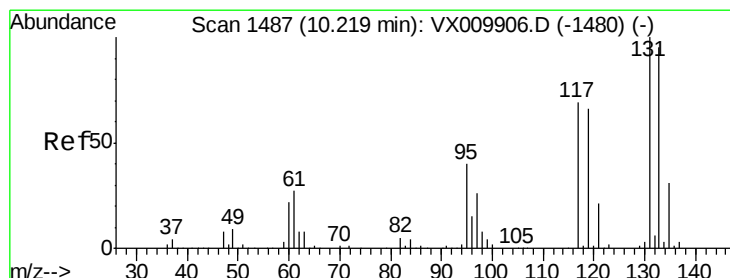
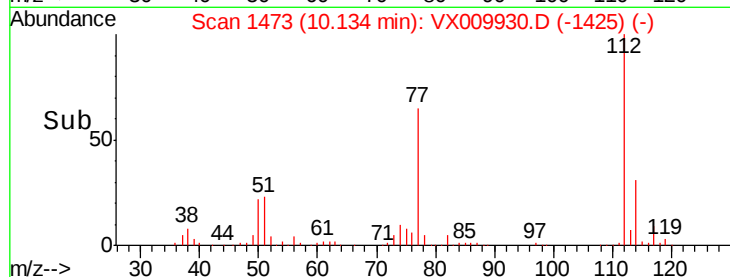
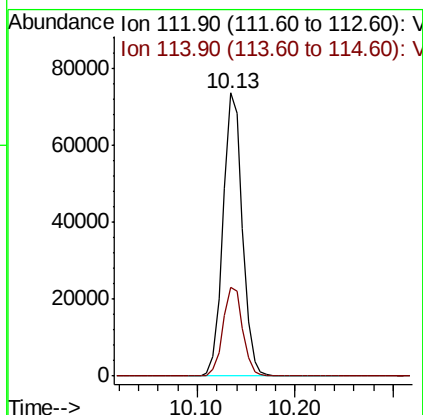
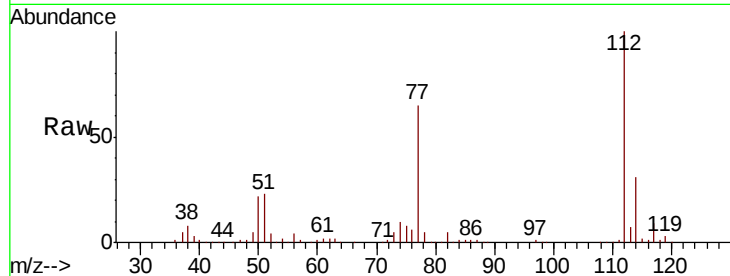




#65
Chlorobenzene
Concen: 19.964 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

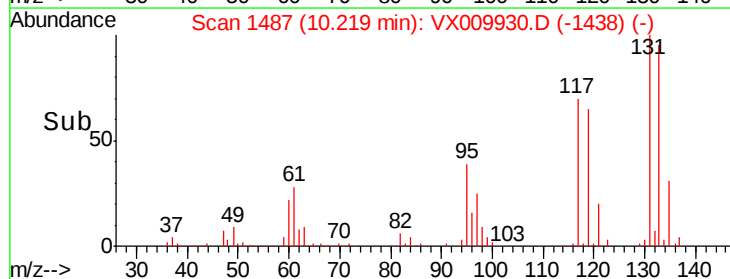
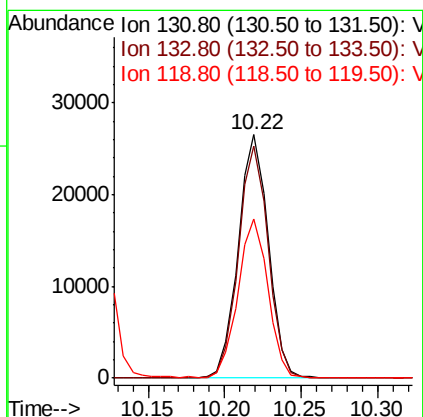
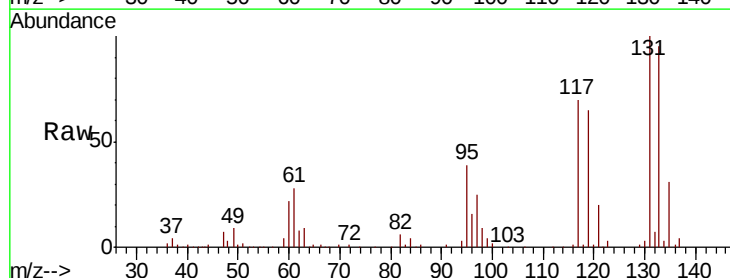
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

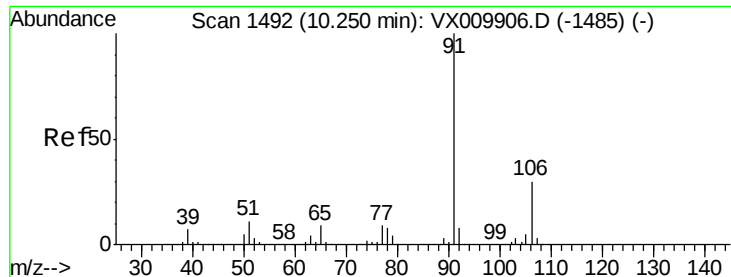
Tot Ion:112 Resp: 101088
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.582 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion:131 Resp: 36148
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.6
119 65.3 33.4 100.1





#67

Ethyl Benzene

Concen: 20.657 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

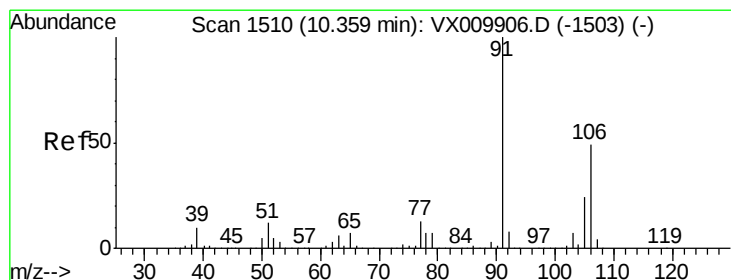
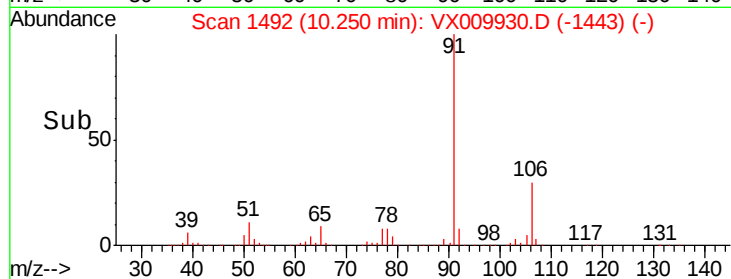
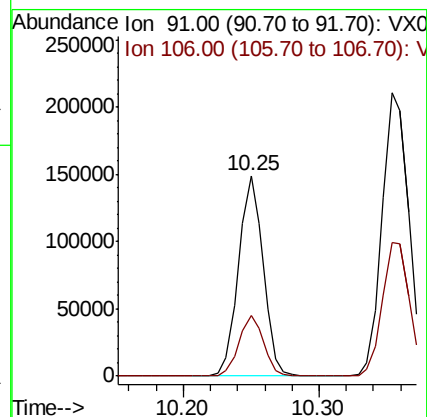
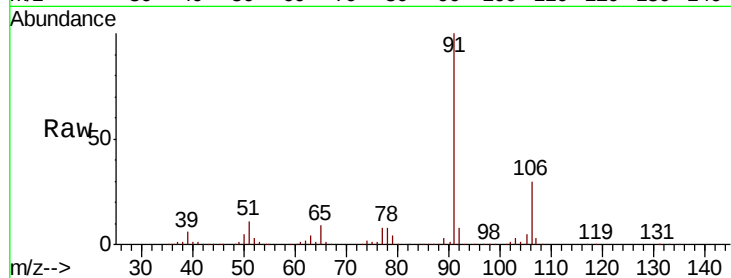
VX0529WBS01

Tot Ion: 91 Resp: 187810

Ion Ratio Lower Upper

91 100

106 30.2 23.9 35.9



#68

m/p-Xylenes

Concen: 41.096 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX009930.D

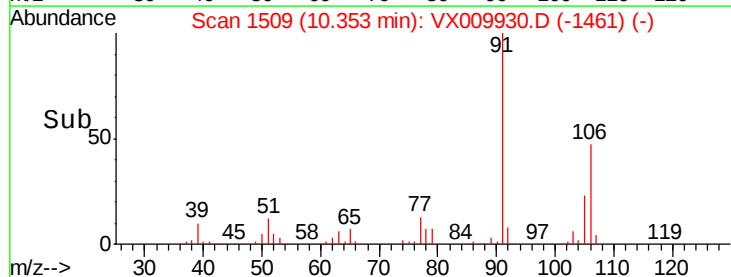
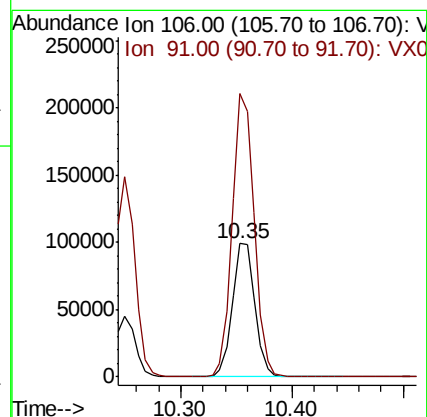
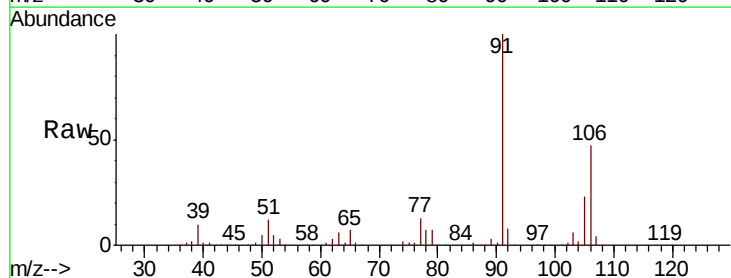
Acq: 29 May 2019 11:22

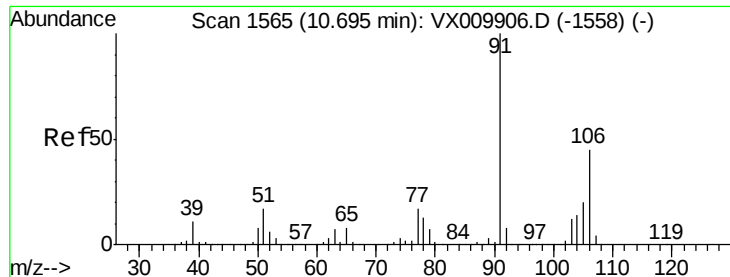
Tgt Ion: 106 Resp: 138035

Ion Ratio Lower Upper

106 100

91 207.9 167.3 250.9

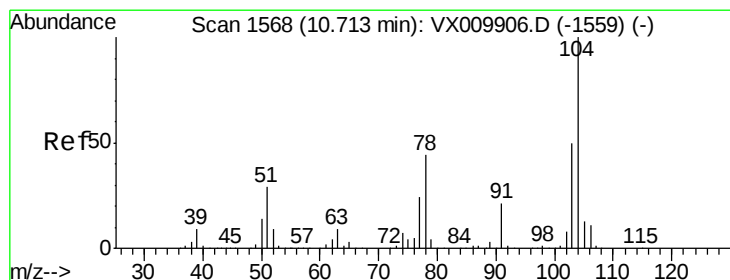
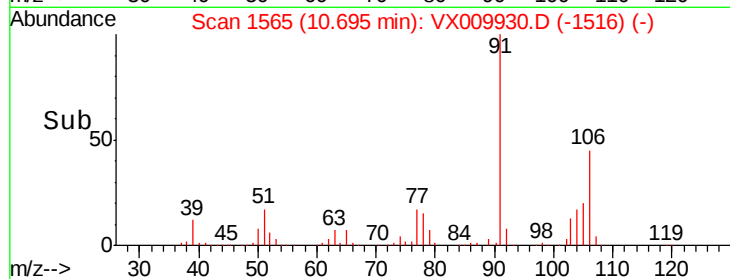
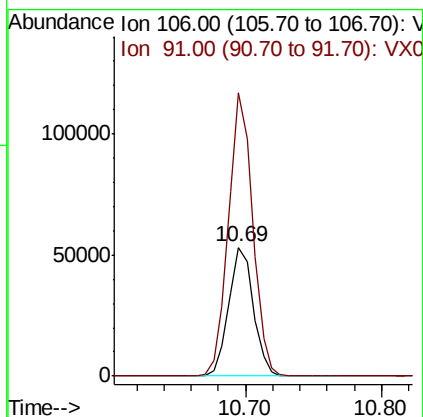
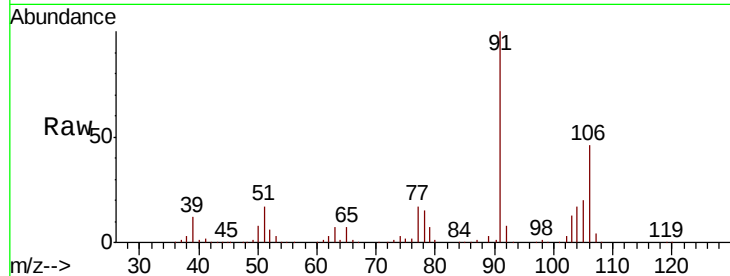




#69
o-Xylene
Concen: 20.882 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

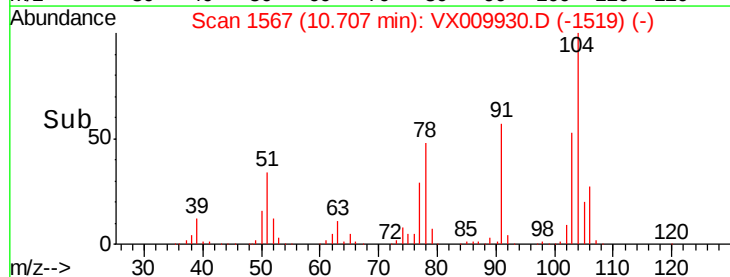
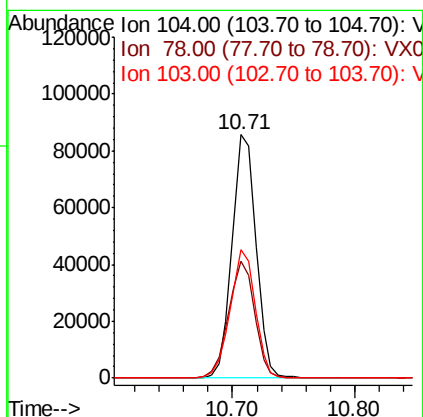
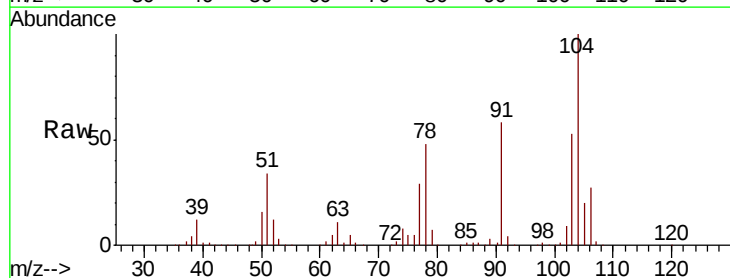
Instrument :
MSVOA_X
ClientSampled :
VX0529WBS01

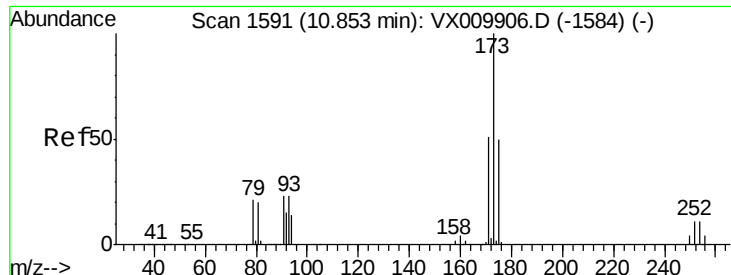
Tot Ion:106 Resp: 67265
Ion Ratio Lower Upper
106 100
91 216.0 110.4 331.2



#70
Styrene
Concen: 20.542 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion:104 Resp: 116030
Ion Ratio Lower Upper
104 100
78 52.3 42.1 63.1
103 55.6 44.1 66.1

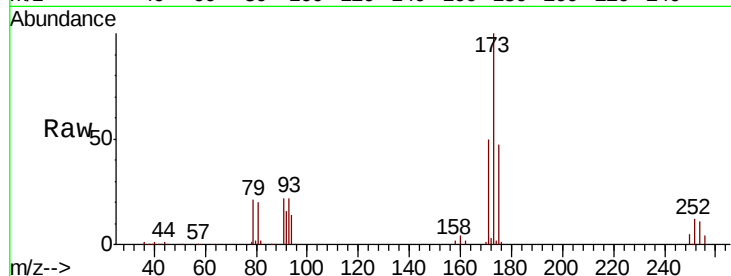




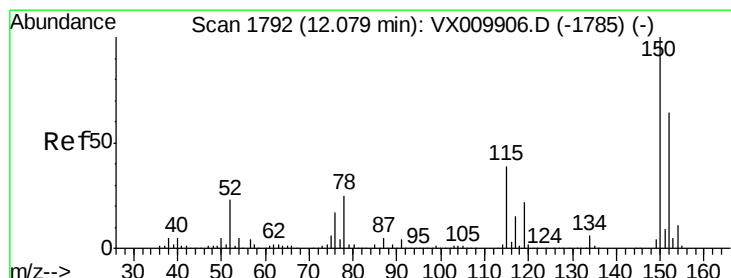
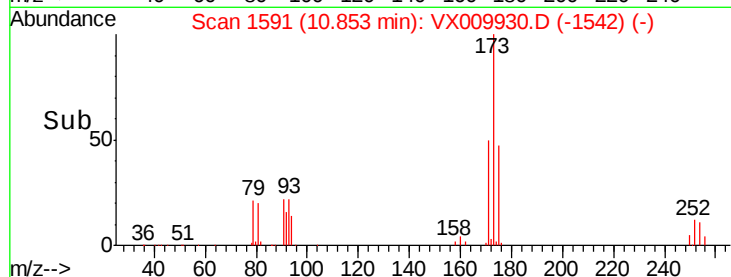
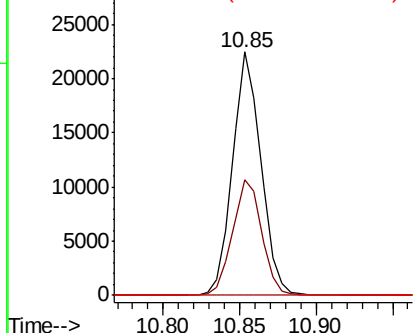
#71
Bromoform
Concen: 20.067 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tot Ion:173 Resp: 28808
Ion Ratio Lower Upper
173 100
175 48.5 25.0 75.0
254 0.0 0.2 0.2#

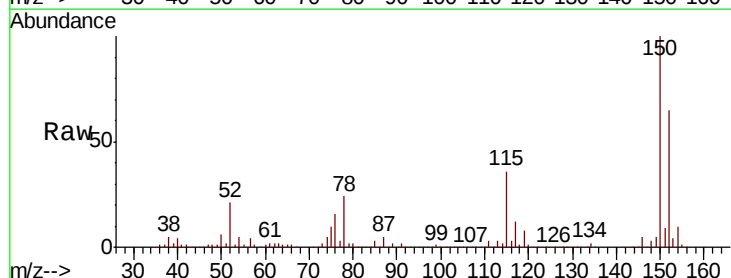


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

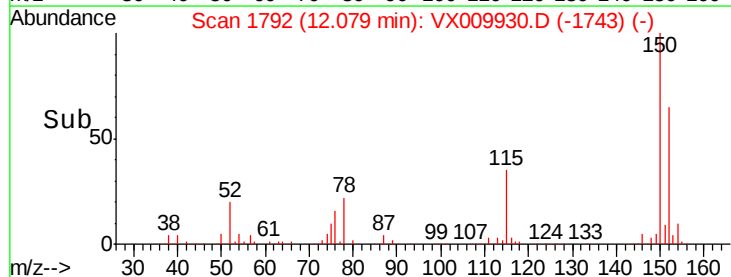
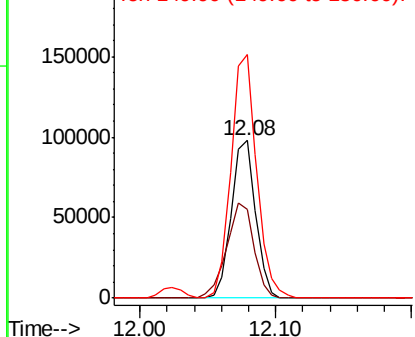


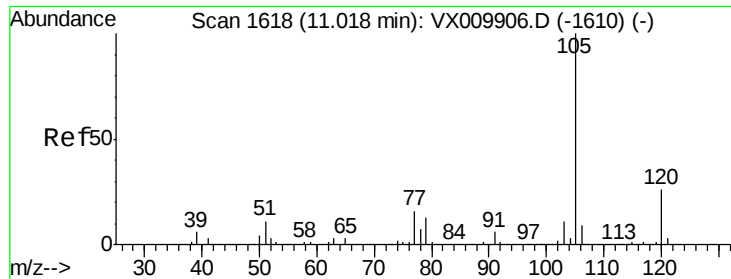
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion:152 Resp: 121662
Ion Ratio Lower Upper
152 100
115 67.7 41.4 124.2
150 162.8 0.0 345.2



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: 20.081 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

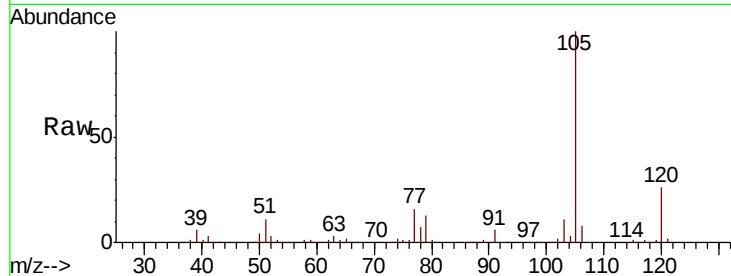
VX0529WBS01

Tot Ion:105 Resp: 180254

Ion Ratio Lower Upper

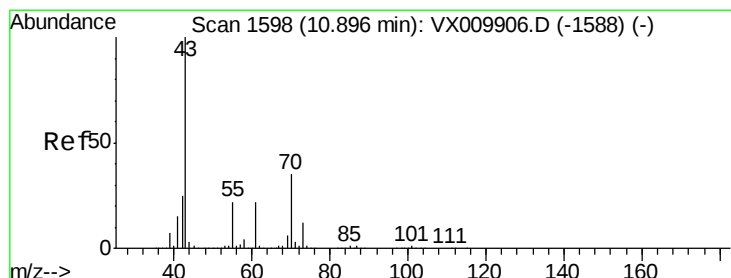
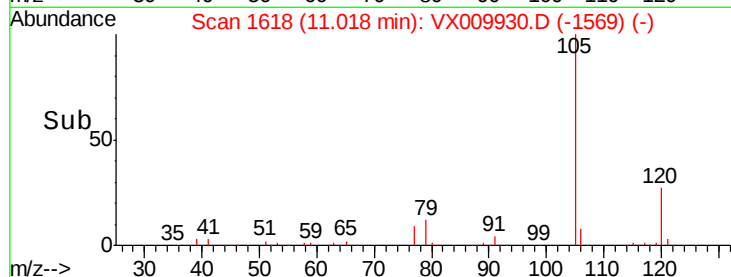
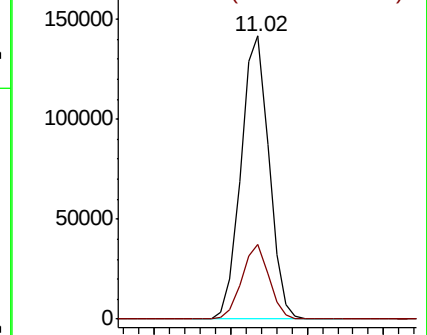
105 100

120 25.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.965 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Tgt Ion: 43 Resp: 101725

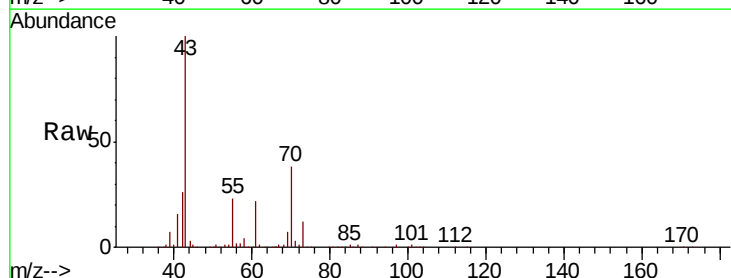
Ion Ratio Lower Upper

43 100

70 37.0 28.6 43.0

55 23.0 17.8 26.8

61 22.1 17.7 26.5

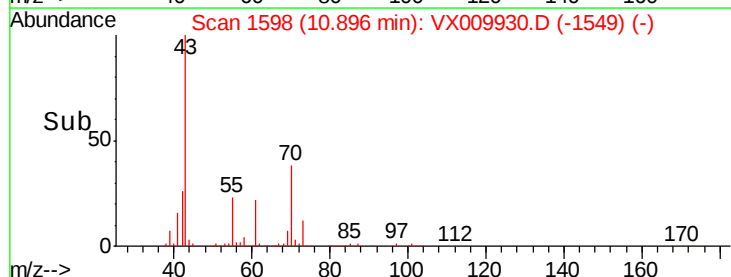
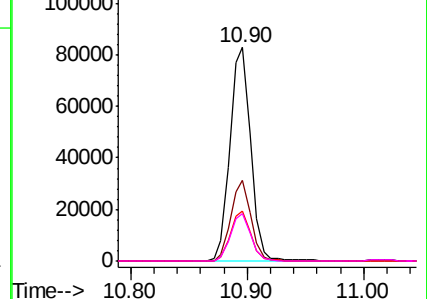


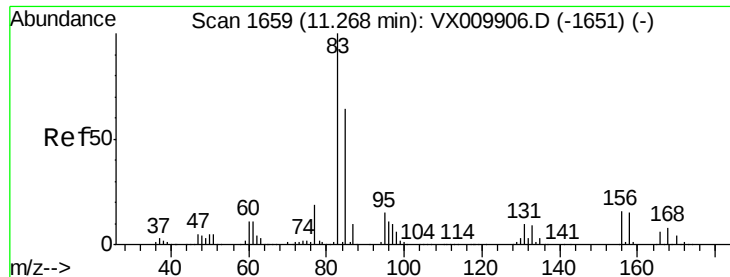
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.309 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampled :

VX0529WBS01

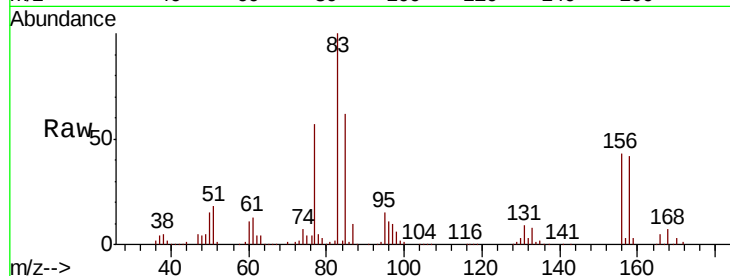
Tot Ion: 83 Resp: 64662

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.1

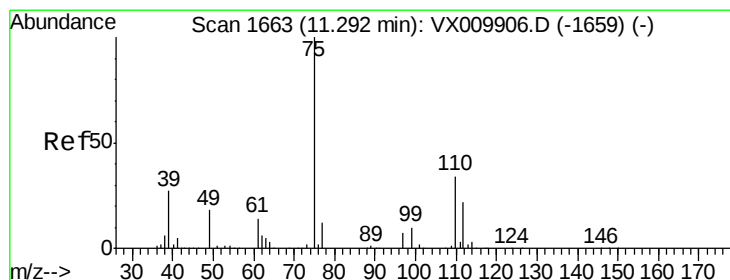
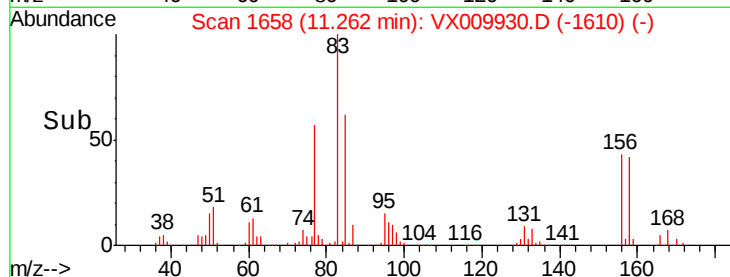
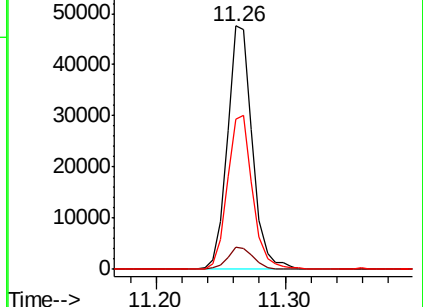
85 63.7 31.9 95.9



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: 25.645 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009930.D

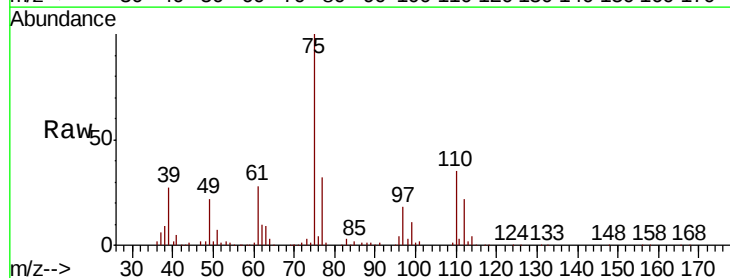
Acq: 29 May 2019 11:22

Tgt Ion: 75 Resp: 74610

Ion Ratio Lower Upper

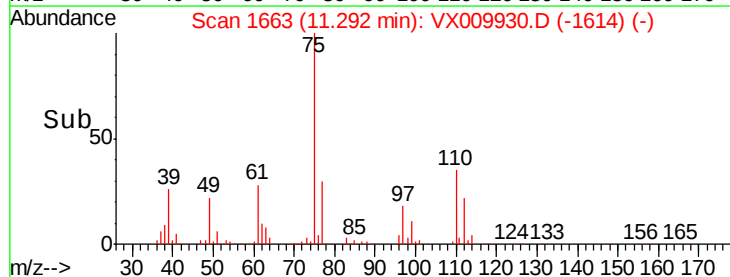
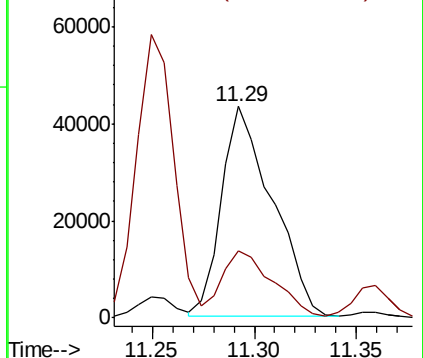
75 100

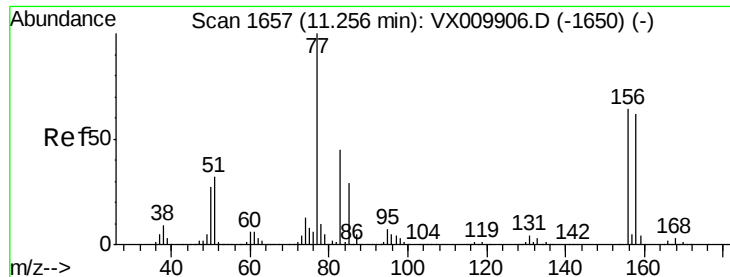
77 32.1 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

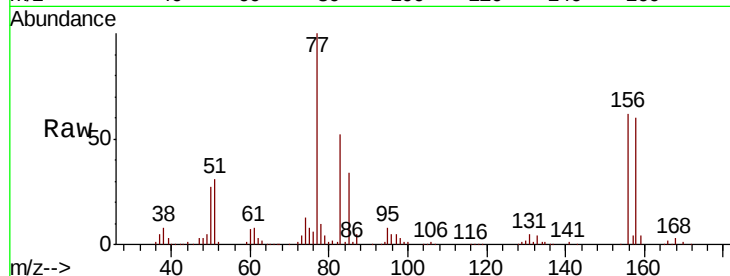




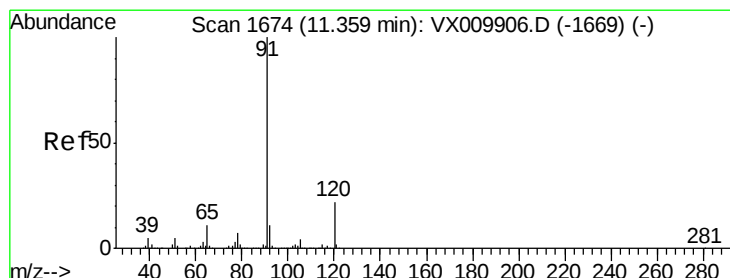
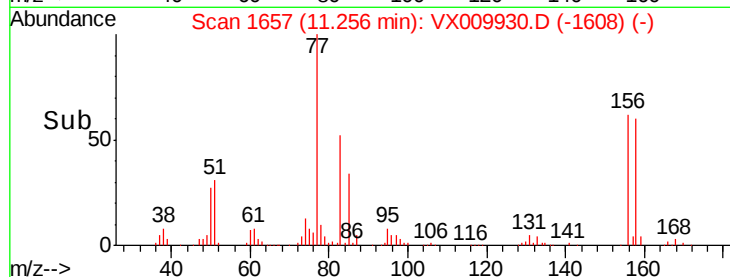
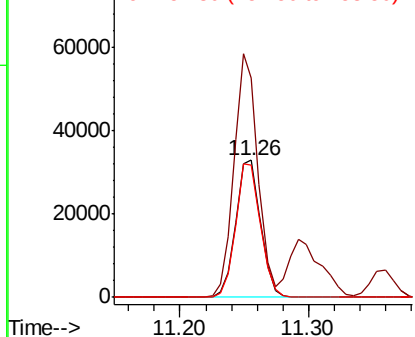
#77
Bromobenzene
Concen: 19.262 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tot Ion:156 Resp: 44064
Ion Ratio Lower Upper
156 100
77 170.4 86.8 260.3
158 97.5 49.6 148.8

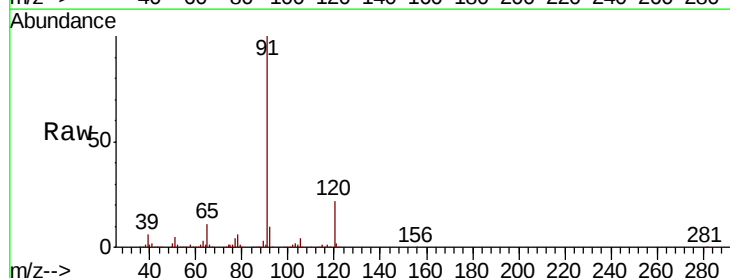


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

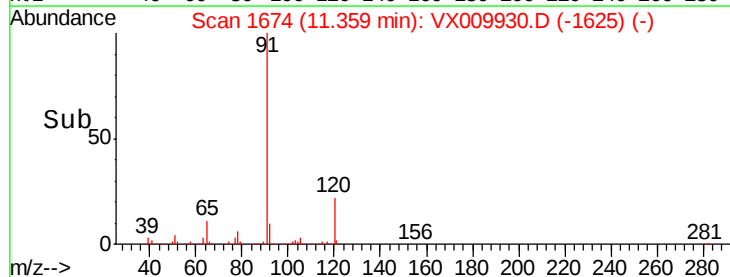
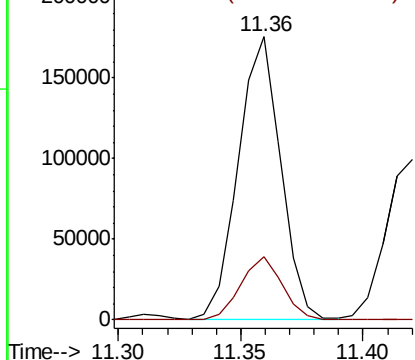


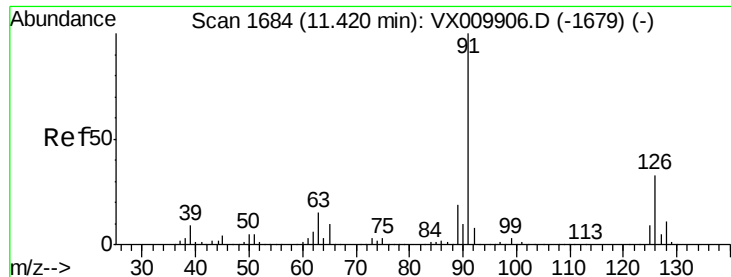
#78
n-propylbenzene
Concen: 20.424 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion: 91 Resp: 211328
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.605 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampled :

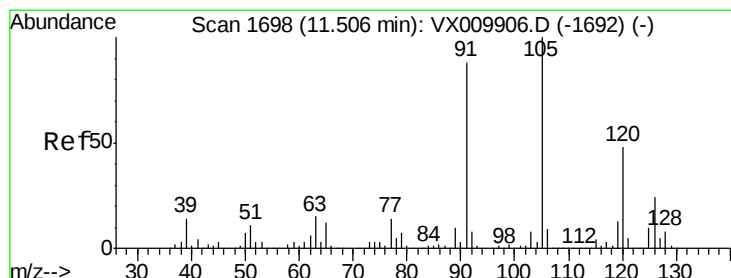
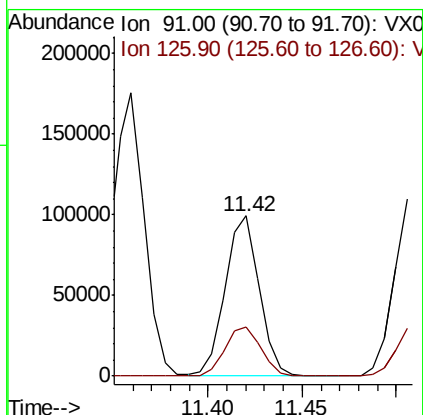
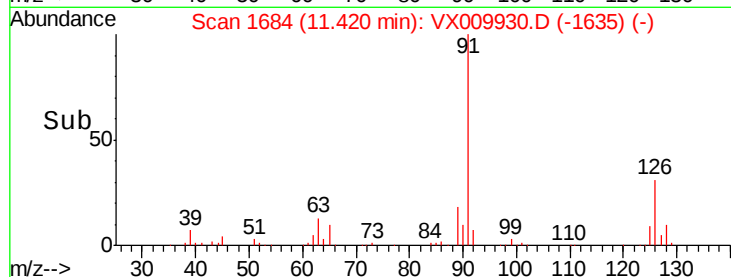
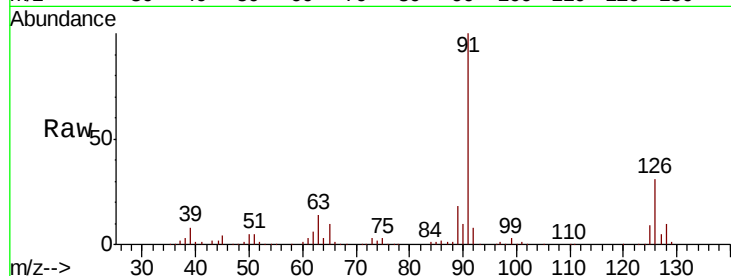
VX0529WBS01

Tot Ion: 91 Resp: 123937

Ion Ratio Lower Upper

91 100

126 32.7 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 20.284 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009930.D

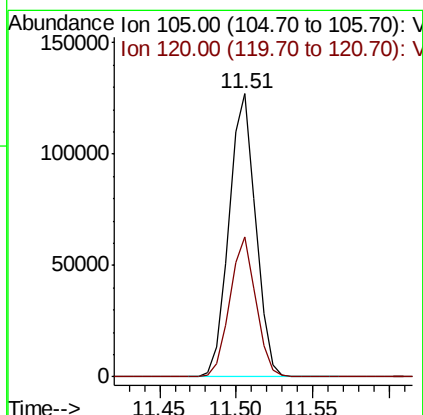
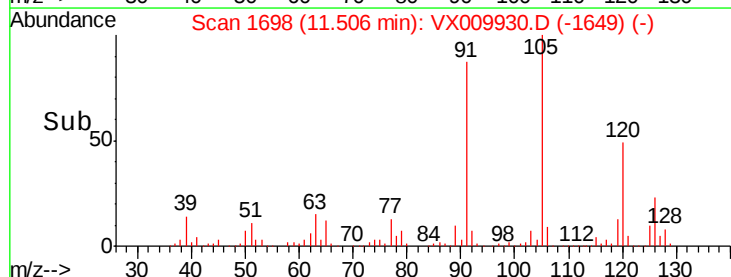
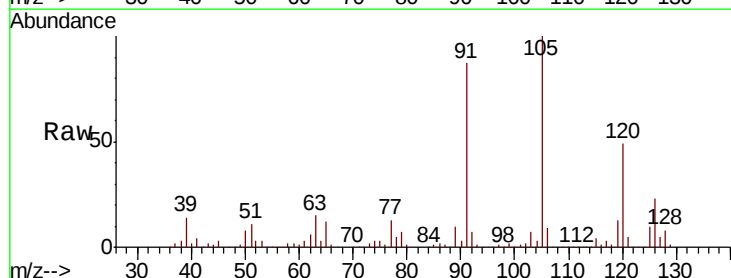
Acq: 29 May 2019 11:22

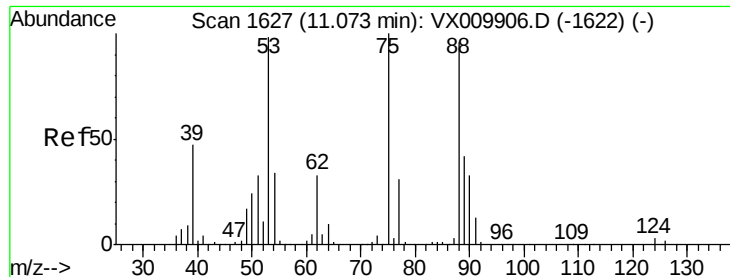
Tgt Ion:105 Resp: 153392

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.185 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampled :

VX0529WBS01

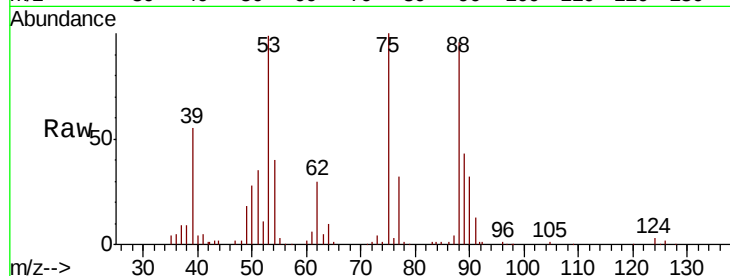
Tot Ion: 75 Resp: 21383

Ion Ratio Lower Upper

75 100

53 105.7 79.8 119.6

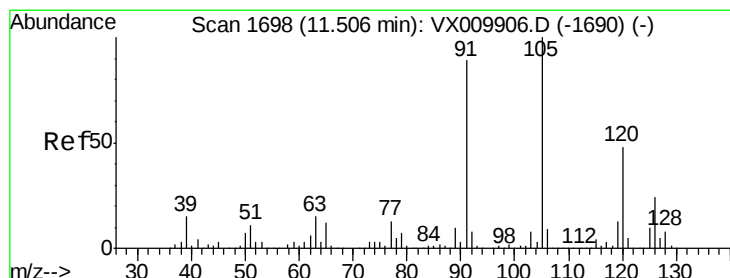
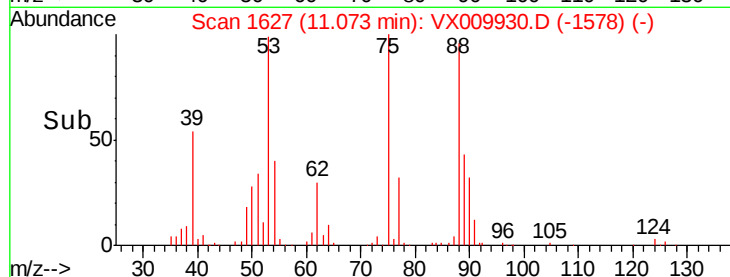
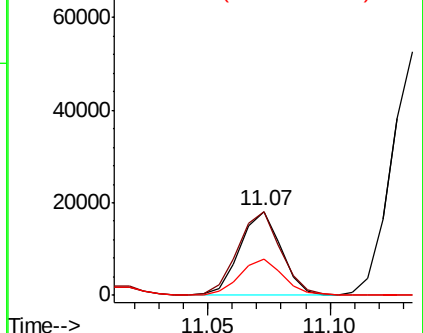
89 45.3 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.454 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009930.D

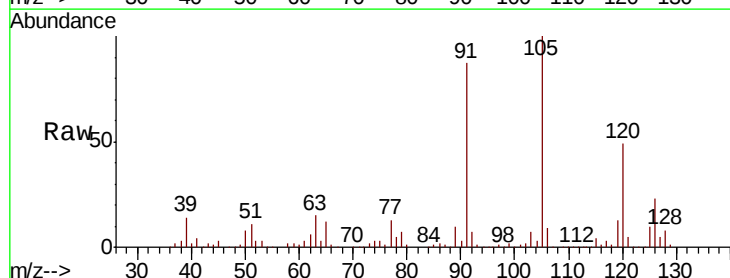
Acq: 29 May 2019 11:22

Tgt Ion: 91 Resp: 143165

Ion Ratio Lower Upper

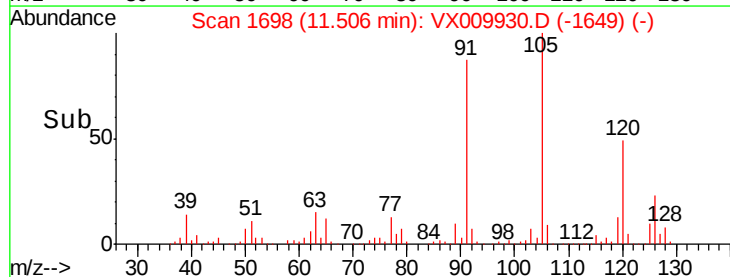
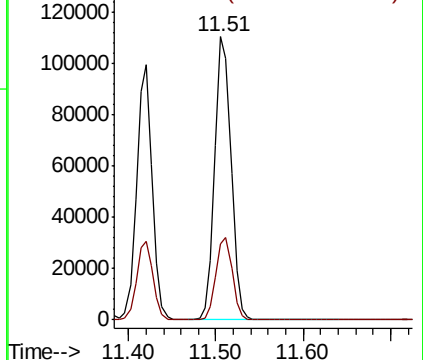
91 100

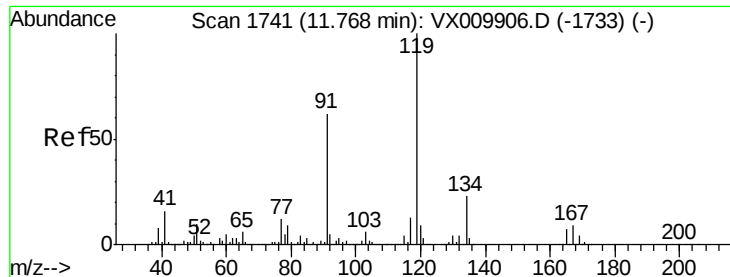
126 28.9 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

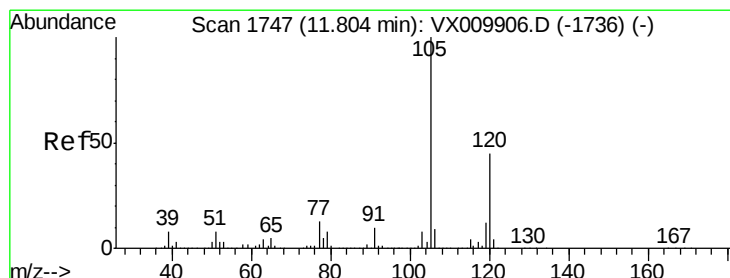
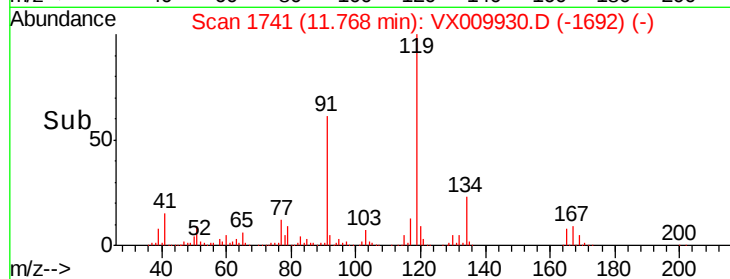
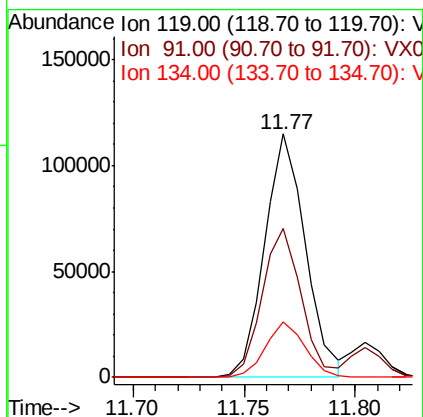
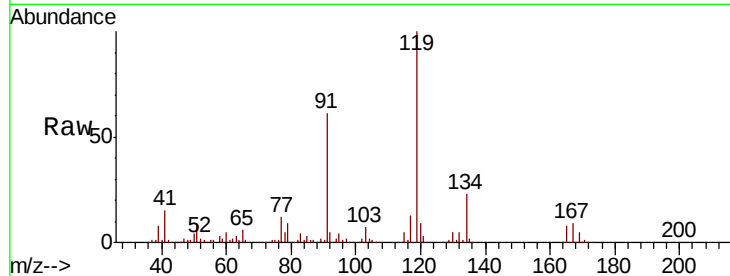




#83
tert-Butylbenzene
Concen: 20.214 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

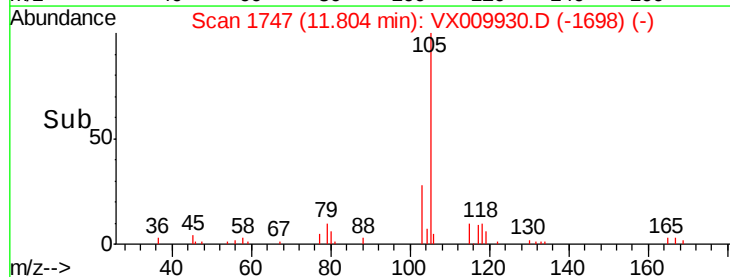
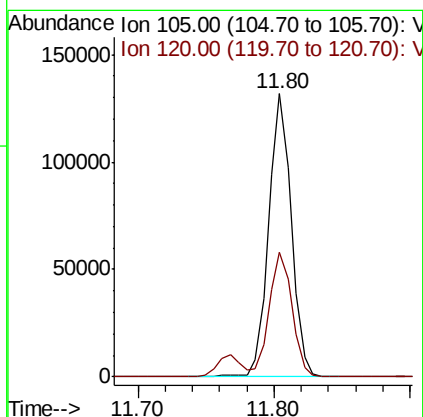
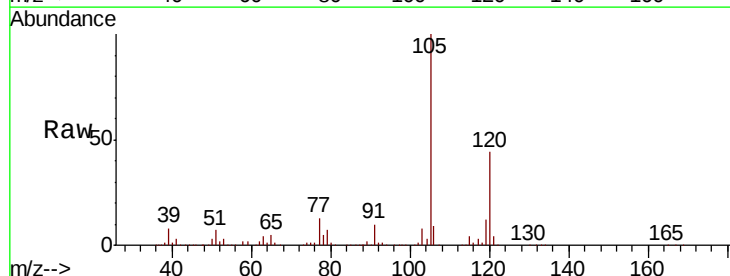
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

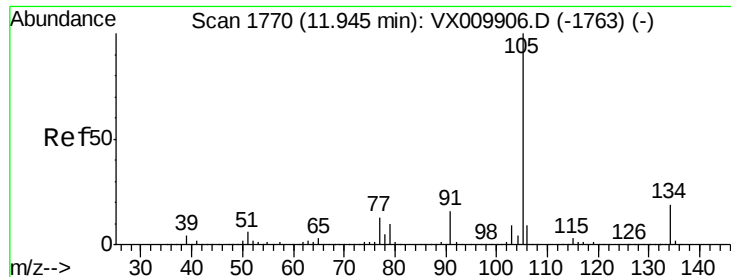
Tot Ion:119 Resp: 146249
Ion Ratio Lower Upper
119 100
91 59.0 30.0 90.0
134 22.0 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 20.111 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion:105 Resp: 154452
Ion Ratio Lower Upper
105 100
120 44.9 22.1 66.1





#85

sec-Butylbenzene

Concen: 20.437 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

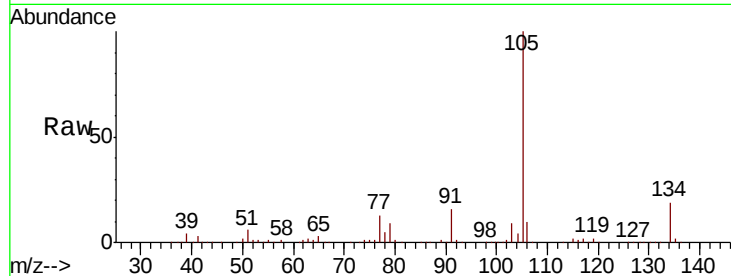
VX0529WBS01

Tot Ion:105 Resp: 175909

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

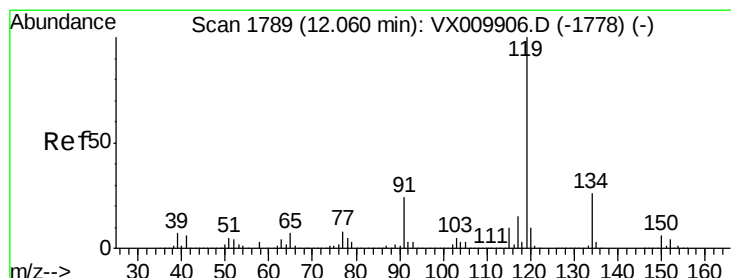
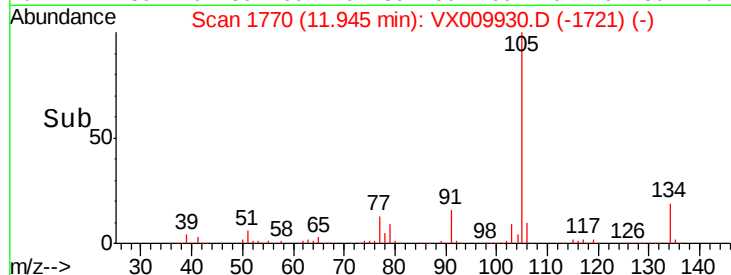
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.891 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

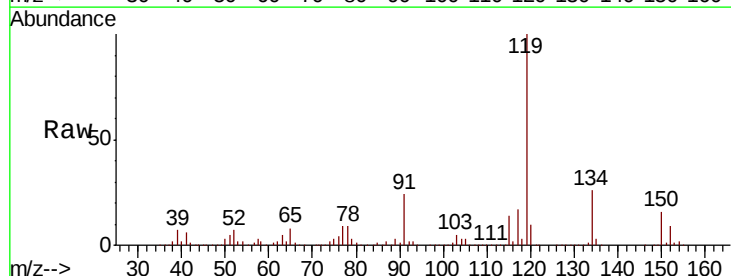
Tgt Ion:119 Resp: 161736

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

91 24.0 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

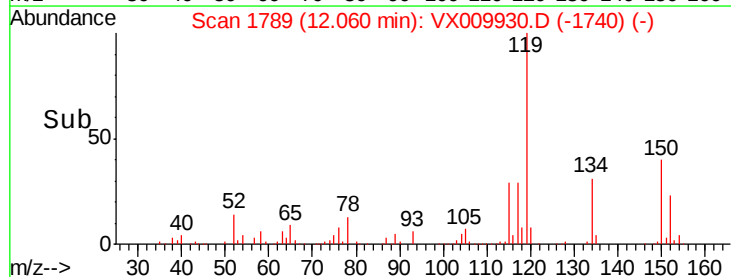
150000

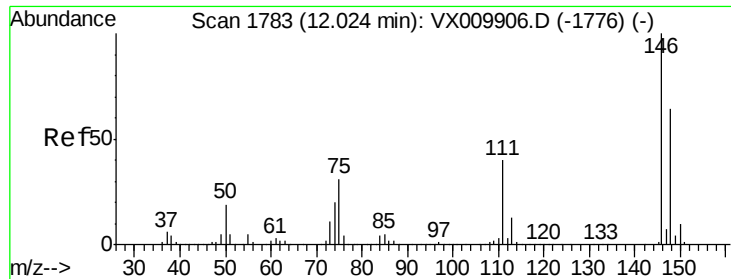
100000

50000

0

Time-->

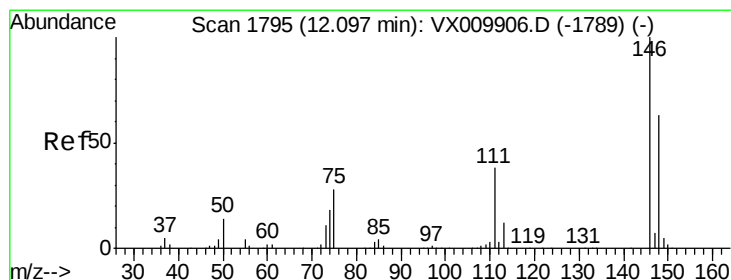
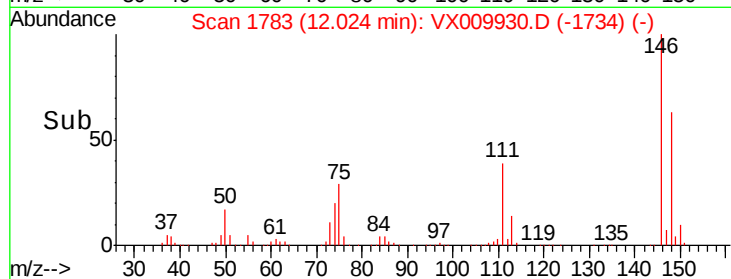
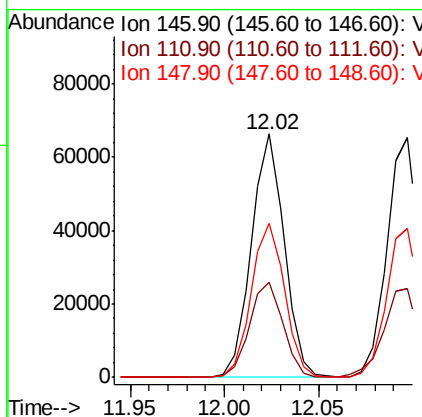
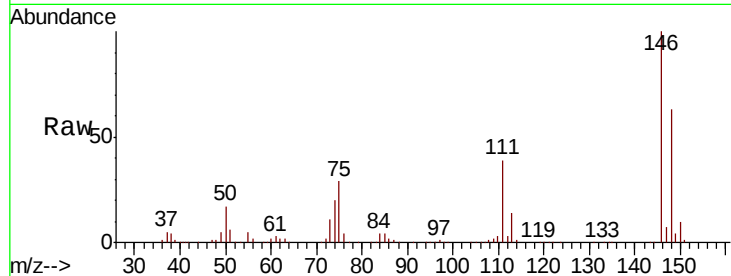




#87
 1,3-Dichlorobenzene
 Concen: 19.714 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

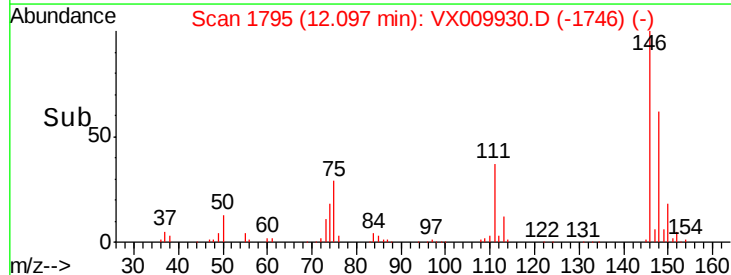
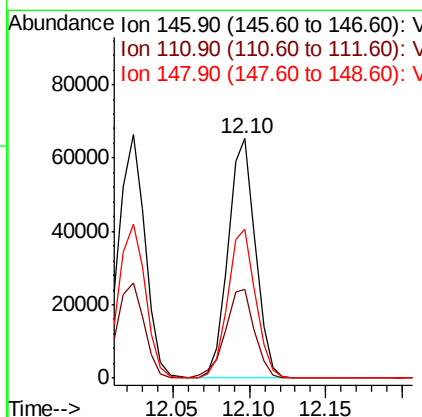
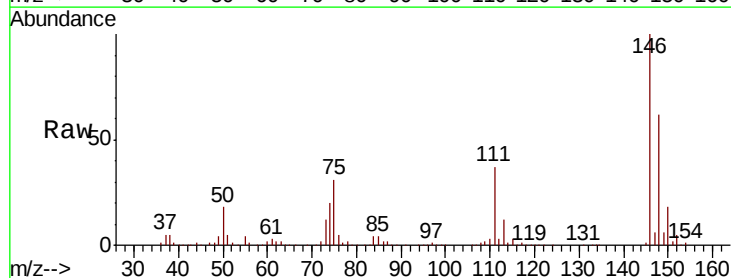
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

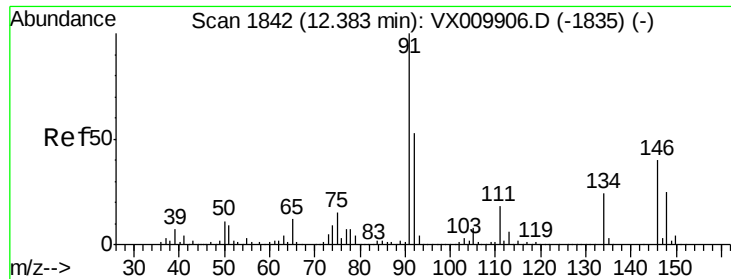
Tot Ion:146 Resp: 80291
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.1 60.2
 148 64.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.477 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Tgt Ion:146 Resp: 80897
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 59.9
 148 63.3 32.3 96.9

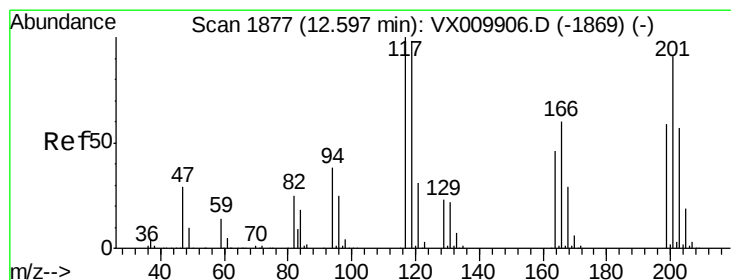
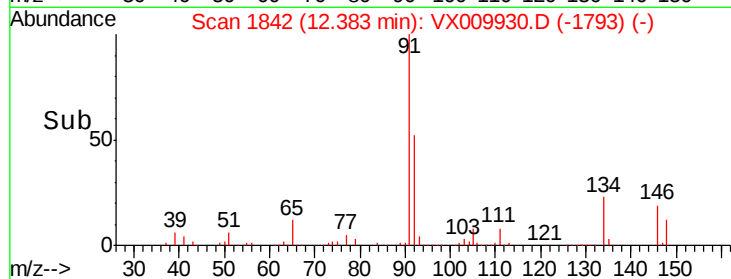
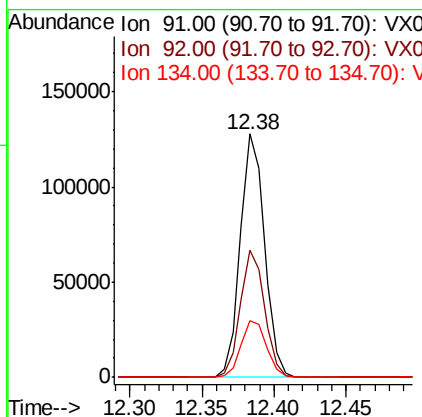
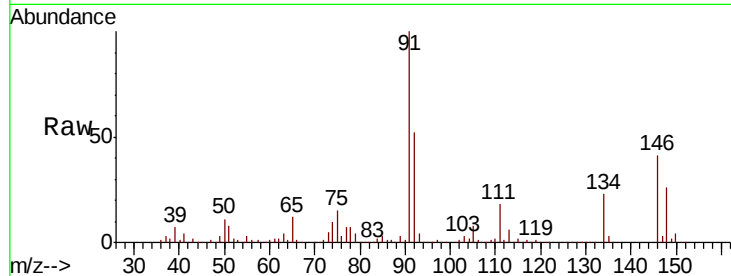




#89
n-Butylbenzene
Concen: 20.629 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

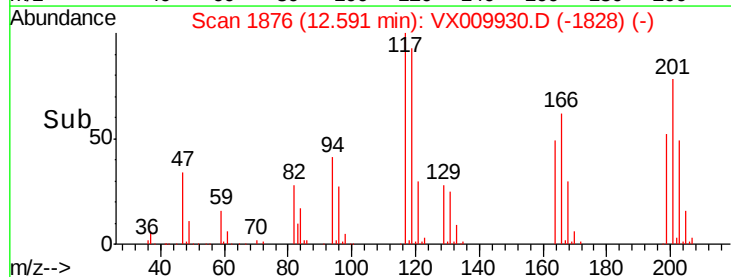
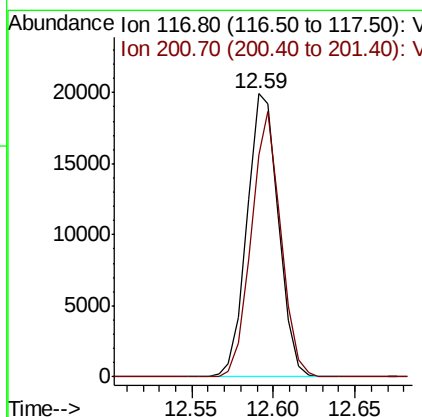
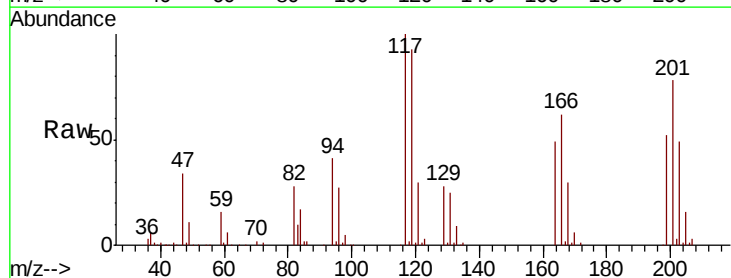
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

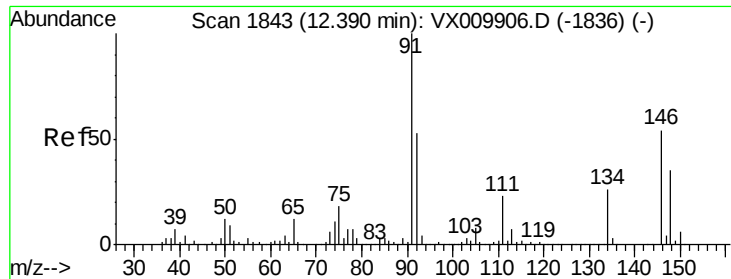
Tot Ion: 91 Resp: 150091
Ion Ratio Lower Upper
91 100
92 52.1 26.3 78.8
134 24.2 12.3 36.8



#90
Hexachloroethane
Concen: 20.207 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion: 117 Resp: 26847
Ion Ratio Lower Upper
117 100
201 87.1 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 19.684 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

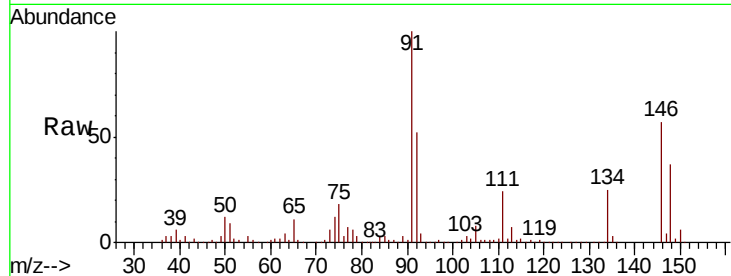
Tot Ion:146 Resp: 79040

Ion Ratio Lower Upper

146 100

111 41.6 21.1 63.1

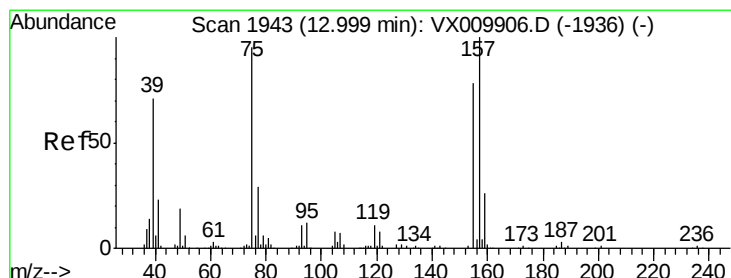
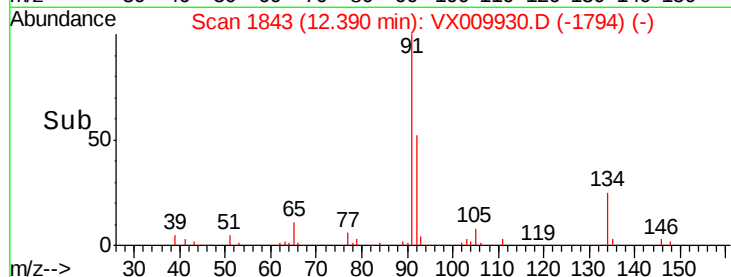
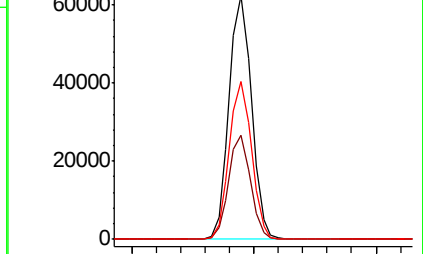
148 64.4 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.681 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

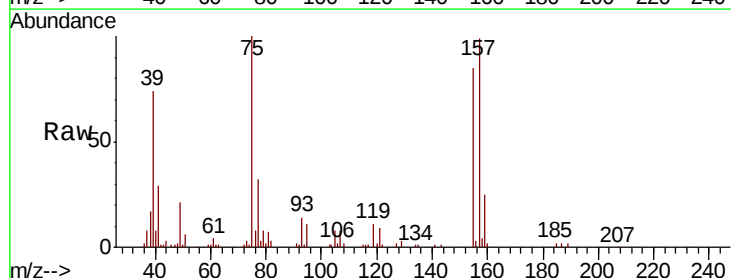
Tgt Ion: 75 Resp: 14726

Ion Ratio Lower Upper

75 100

155 82.3 39.3 117.8

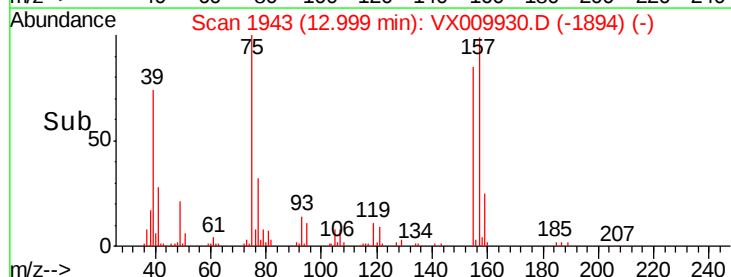
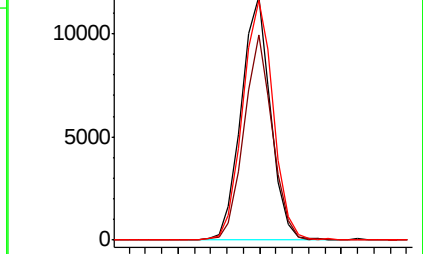
157 103.2 50.6 151.8

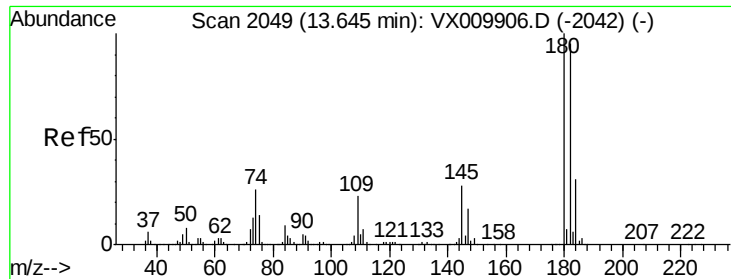


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

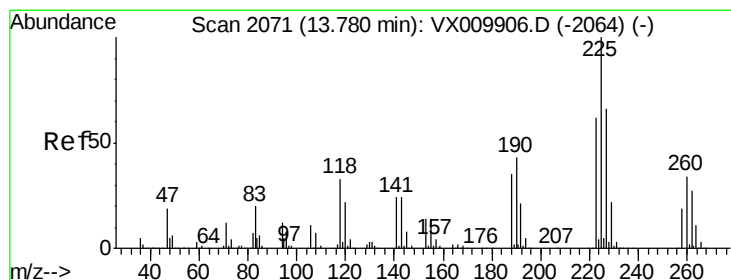
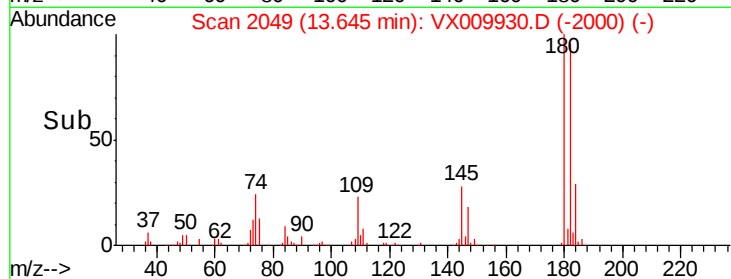
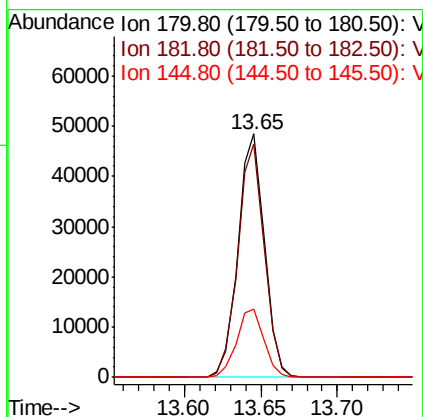
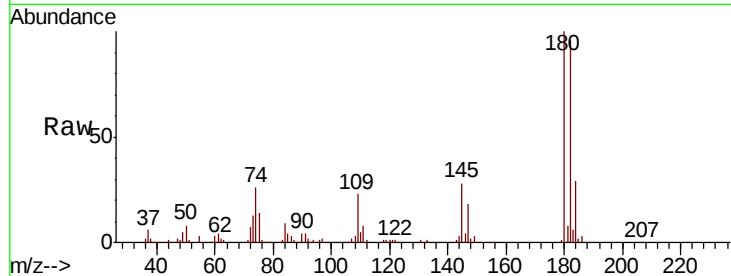




#93
 1,2,4-Trichlorobenzene
 Concen: 20.045 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

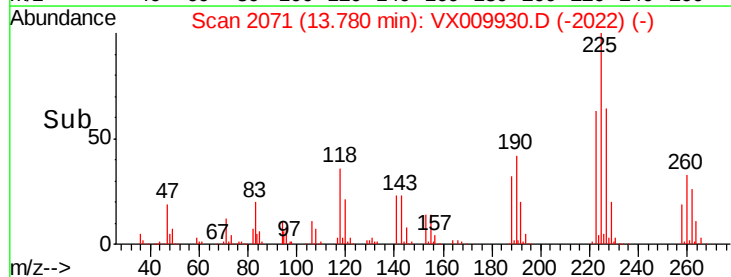
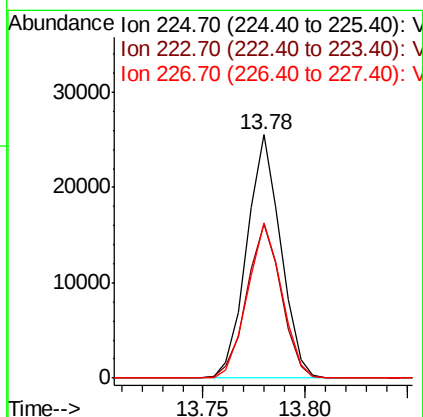
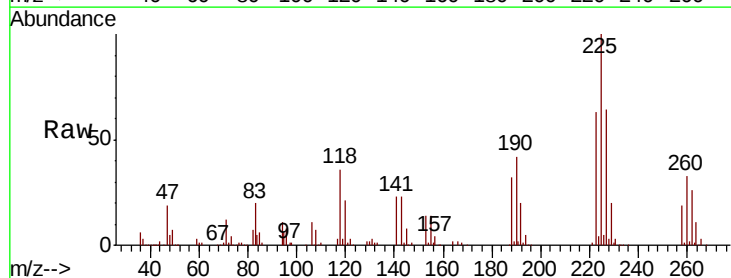
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

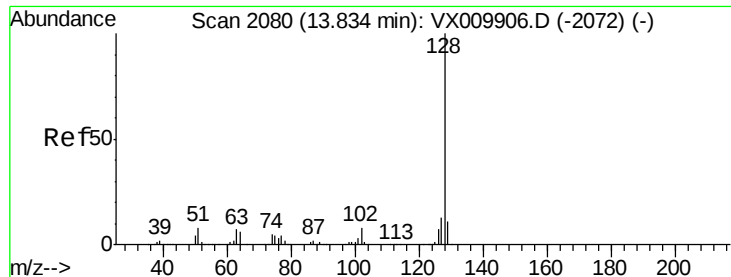
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.4	142.2
145	29.1	14.5	43.5



#94
 Hexachlorobutadiene
 Concen: 20.521 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.3	93.8
227	64.7	32.3	96.8





#95

Naphthalene

Concen: 19.718 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

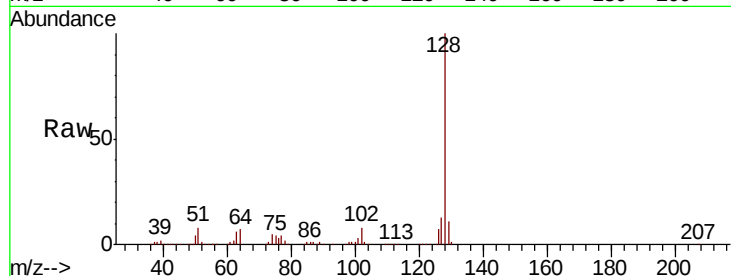
Tot Ion:128 Resp: 176079

Ion Ratio Lower Upper

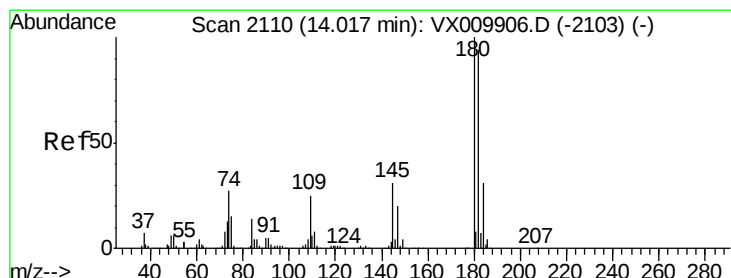
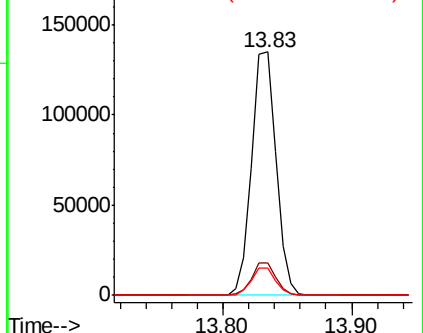
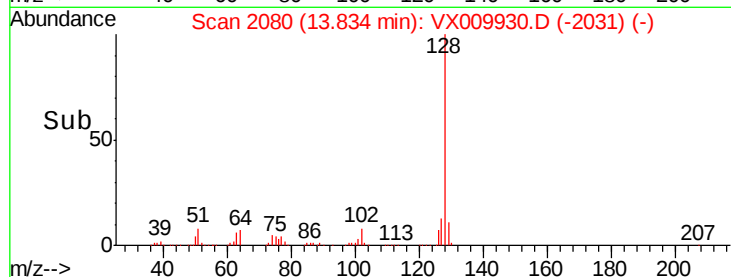
128 100

127 13.2 10.6 16.0

129 11.1 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 19.941 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

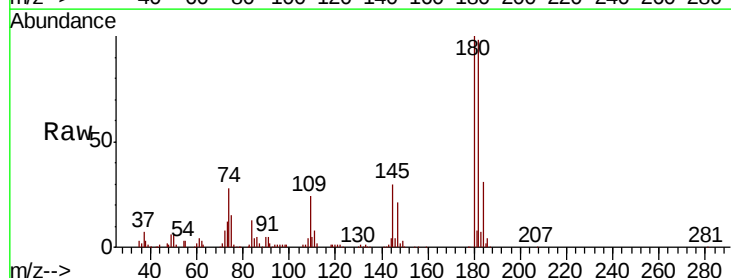
Tgt Ion:180 Resp: 57278

Ion Ratio Lower Upper

180 100

182 96.2 47.3 142.0

145 29.8 15.6 46.7



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

