

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009845.D
 Acq On : 23 May 2019 08:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 23 09:13:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	171335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285819	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135683	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	108812	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	
35) Dibromofluoromethane	5.50	113	77758	43.28	ug/l	0.00
Spiked Amount			Recovery	=	86.56%	
50) Toluene-d8	8.71	98	319986	44.11	ug/l	0.00
Spiked Amount			Recovery	=	88.22%	
62) 4-Bromofluorobenzene	11.13	95	120967	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	64856	41.077	ug/l	99
3) Chloromethane	1.32	50	103229	47.889	ug/l	99
4) Vinyl Chloride	1.41	62	99754	47.458	ug/l	99
5) Bromomethane	1.64	94	62049	49.182	ug/l	96
6) Chloroethane	1.71	64	61791	45.787	ug/l	98
7) Trichlorofluoromethane	1.93	101	118734	46.470	ug/l	99
8) Diethyl Ether	2.19	74	56762	46.900	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	70017	43.638	ug/l	99
10) Methyl Iodide	2.51	142	77741	42.464	ug/l	99
11) Tert butyl alcohol	3.05	59	147464	272.373	ug/l	99
12) 1,1-Dichloroethene	2.37	96	75772	47.133	ug/l	99
13) Acrolein	2.29	56	88425	180.344	ug/l	99
14) Allyl chloride	2.73	41	178697	45.612	ug/l	99
15) Acrylonitrile	3.14	53	316587	239.155	ug/l	100
16) Acetone	2.45	43	281834	224.406	ug/l	97
17) Carbon Disulfide	2.57	76	221902	49.164	ug/l	99
18) Methyl Acetate	2.78	43	138532	46.381	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	294363	47.153	ug/l	99
20) Methylene Chloride	2.85	84	91506	44.999	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	83140	47.687	ug/l	97
22) Diisopropyl ether	3.85	45	364921	48.434	ug/l	96
23) Vinyl Acetate	3.81	43	1601608	248.245	ug/l	99
24) 1,1-Dichloroethane	3.70	63	173180	46.594	ug/l	99
25) 2-Butanone	4.67	43	478386	245.119	ug/l	98
26) 2,2-Dichloropropane	4.59	77	75739	27.377	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	96160	46.208	ug/l	97
28) Bromochloromethane	5.02	49	86311	58.133	ug/l	96
29) Tetrahydrofuran	5.13	42	317666	252.943	ug/l	97
30) Chloroform	5.21	83	156488	46.552	ug/l	98
31) Cyclohexane	5.58	56	166017	48.010	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	131102	46.849	ug/l	99
36) 1,1-Dichloropropene	5.80	75	123467	46.483	ug/l	100
37) Ethyl Acetate	4.84	43	178243	48.163	ug/l	98
38) Carbon Tetrachloride	5.79	117	108664	45.027	ug/l	98

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 MSVOA_X
 ClientSampleId :

Quant Time: May 23 09:13:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	145837	44.708	ug/l	98
40) Benzene	6.14	78	375906	45.729	ug/l	99
41) Methacrylonitrile	5.04	41	102423	46.493	ug/l	98
42) 1,2-Dichloroethane	6.20	62	136527	46.300	ug/l	100
43) Isopropyl Acetate	6.45	43	287072	48.495	ug/l	98
44) Trichloroethene	7.21	130	89760	45.167	ug/l	100
45) 1,2-Dichloropropane	7.51	63	106378	45.702	ug/l	100
46) Dibromomethane	7.66	93	60082	44.450	ug/l	99
47) Bromodichloromethane	7.90	83	123943	45.968	ug/l	96
48) Methyl methacrylate	7.77	41	146011	49.716	ug/l	97
49) 1,4-Dioxane	7.74	88	53969	906.136	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	951031	245.795	ug/l	98
52) Toluene	8.79	92	229245	45.877	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	135961	44.663	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	148473	44.065	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	90814	44.547	ug/l	96
56) Ethyl methacrylate	9.18	69	174053	47.830	ug/l	97
57) 1,3-Dichloropropane	9.37	76	163855	45.675	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	460177	238.373	ug/l	99
59) 2-Hexanone	9.49	43	740504	243.681	ug/l	98
60) Dibromochloromethane	9.58	129	92042	46.227	ug/l	100
61) 1,2-Dibromoethane	9.67	107	95144	46.235	ug/l	99
64) Tetrachloroethene	9.34	164	86531	48.138	ug/l	98
65) Chlorobenzene	10.14	112	237915	45.384	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	84715	44.575	ug/l	99
67) Ethyl Benzene	10.25	91	445306	46.157	ug/l	100
68) m/p-Xylenes	10.36	106	325908	92.441	ug/l	97
69) o-Xylene	10.69	106	156988	45.131	ug/l	98
70) Styrene	10.71	104	280889	46.460	ug/l	98
71) Bromoform	10.85	173	70919	45.918	ug/l #	99
73) Isopropylbenzene	11.02	105	419918	42.559	ug/l	99
74) N-amyl acetate	10.90	43	268817	46.731	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	155142	42.179	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	178940	56.854	ug/l	81
77) Bromobenzene	11.26	156	105740	43.178	ug/l	99
78) n-propylbenzene	11.36	91	500093	44.381	ug/l	100
79) 2-Chlorotoluene	11.42	91	294034	42.295	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	359932	43.325	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	45944	37.350	ug/l	97
82) 4-Chlorotoluene	11.51	91	346177	44.078	ug/l	99
83) tert-Butylbenzene	11.77	119	339615	42.022	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	370043	44.375	ug/l	99
85) sec-Butylbenzene	11.94	105	414072	43.216	ug/l	100
86) p-Isopropyltoluene	12.06	119	375426	43.584	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	191041	43.759	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	193663	44.000	ug/l	99
89) n-Butylbenzene	12.38	91	356787	45.827	ug/l	99
90) Hexachloroethane	12.60	117	63261	43.108	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	192241	43.233	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37142	45.014	ug/l	95

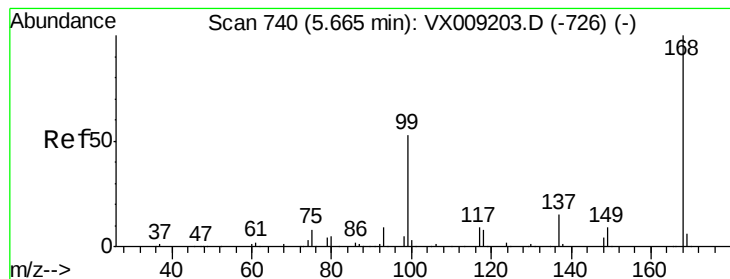
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	141535	46.546	ug/l	99
94) Hexachlorobutadiene	13.78	225	66903	43.085	ug/l	99
95) Naphthalene	13.83	128	447802	45.265	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	139362	45.213	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

Instrument :

MSVOA_X

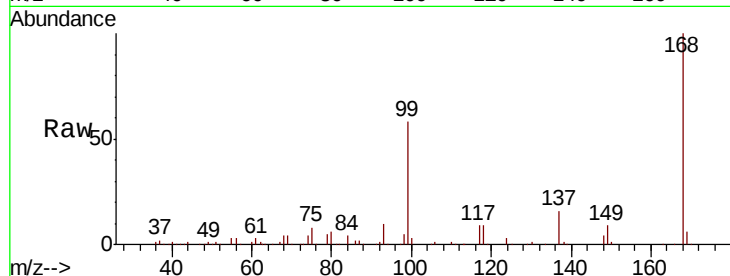
ClientSampleId :

Tot Ion:168 Resp: 171335

Ion Ratio Lower Upper

168 100

99 57.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

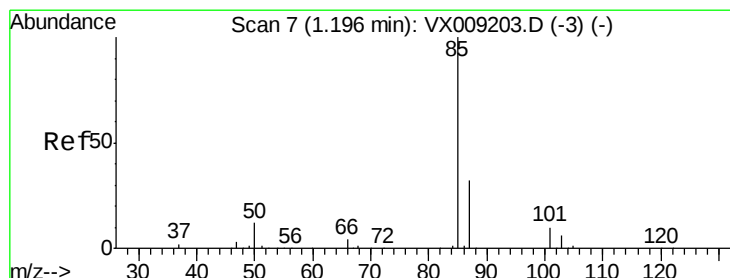
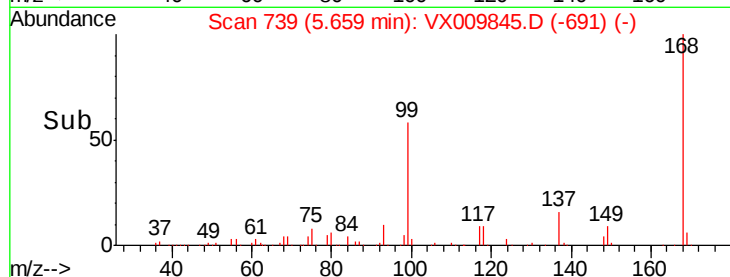
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 41.077 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009845.D

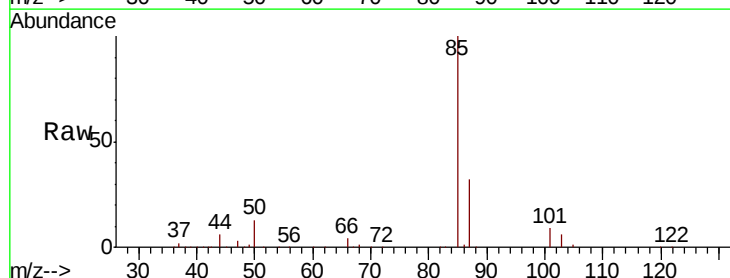
Acq: 23 May 2019 08:18

Tgt Ion: 85 Resp: 64856

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

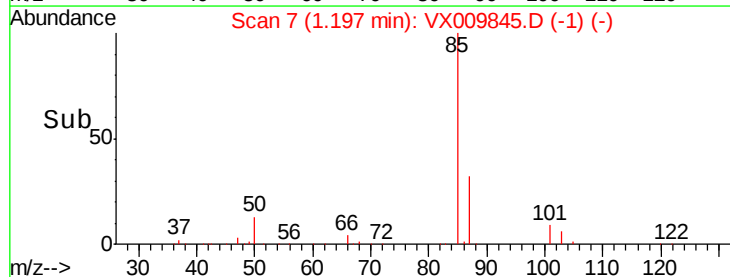
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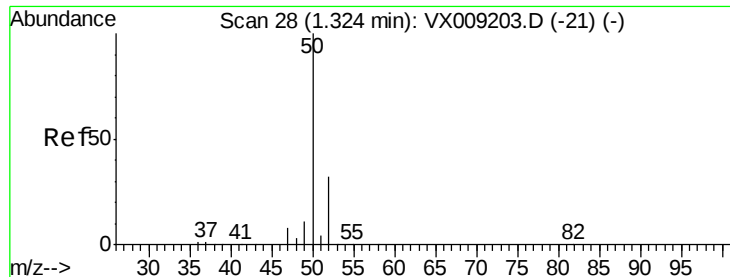
40000

20000

0

Time--> 1.15 1.20 1.25 1.30

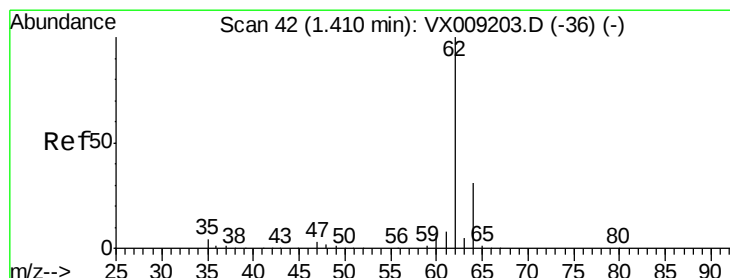
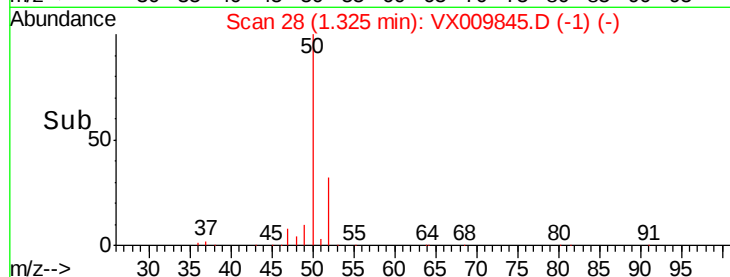
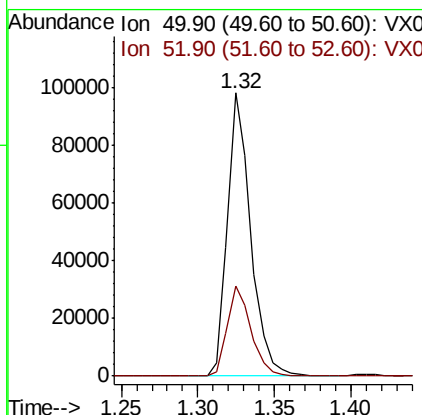
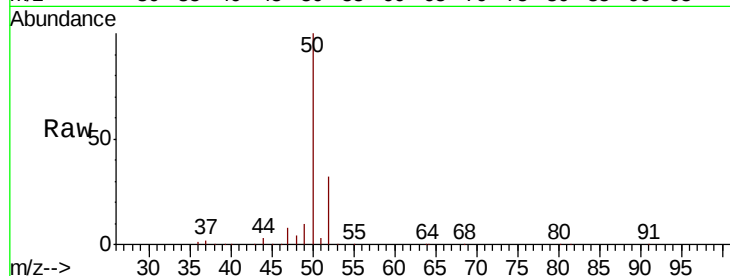




#3
Chloromethane
Concen: 47.889 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

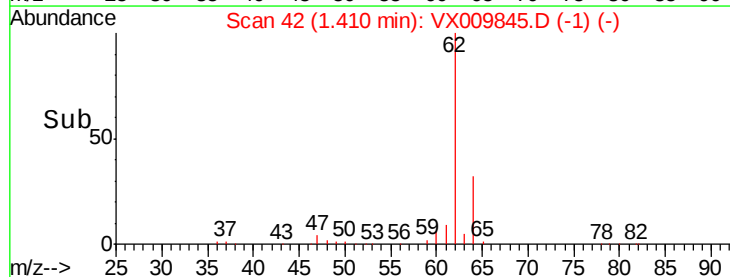
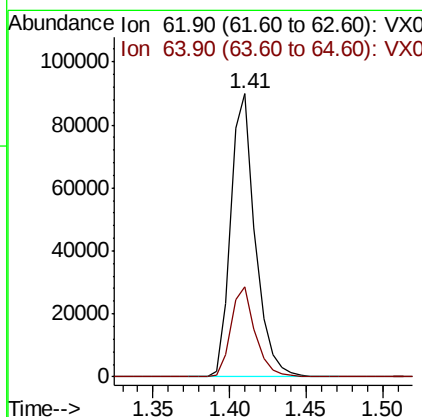
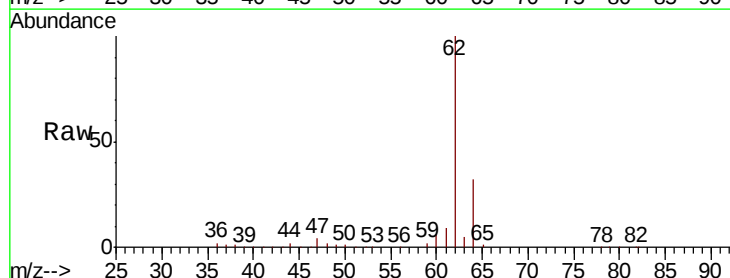
Instrument :
MSVOA_X
ClientSampled :

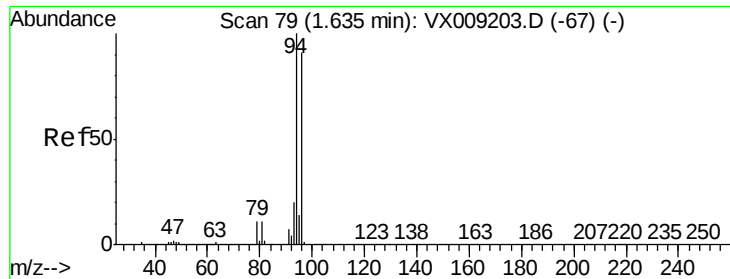
Tot Ion: 50 Resp: 103229
Ion Ratio Lower Upper
50 100
52 31.9 25.9 38.9



#4
Vinyl Chloride
Concen: 47.458 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Tgt Ion: 62 Resp: 99754
Ion Ratio Lower Upper
62 100
64 31.5 24.6 36.8





#5

Bromomethane

Concen: 49.182 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

Instrument :

MSVOA_X

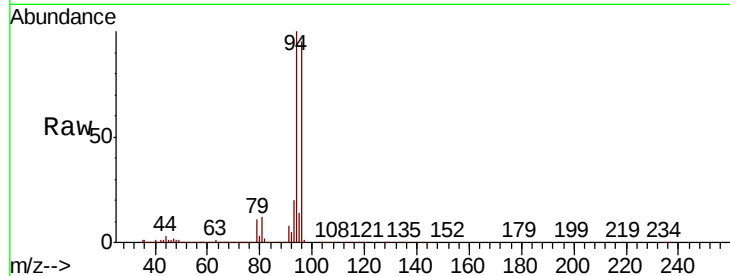
ClientSampleId :

Tot Ion: 94 Resp: 62049

Ion Ratio Lower Upper

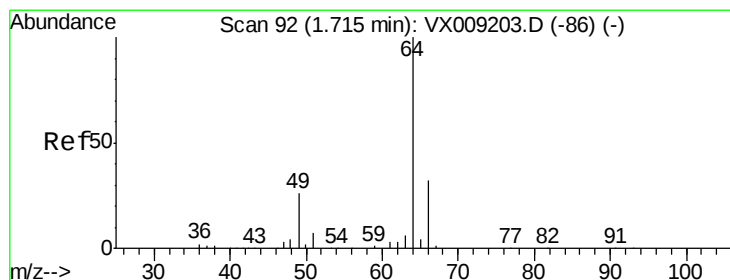
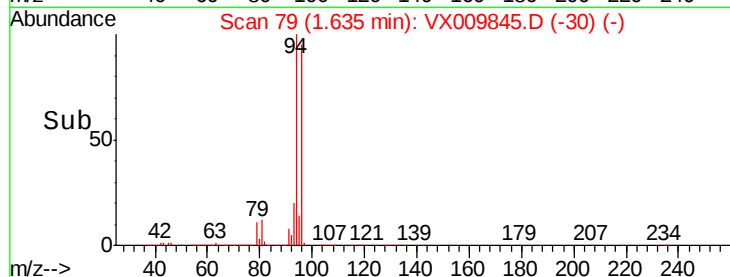
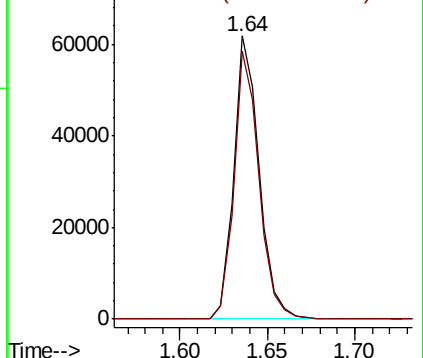
94 100

96 94.7 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.787 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009845.D

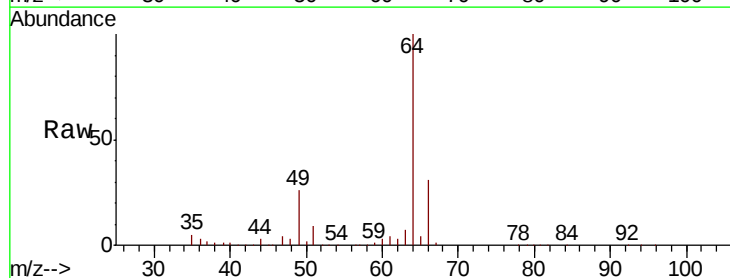
Acq: 23 May 2019 08:18

Tgt Ion: 64 Resp: 61791

Ion Ratio Lower Upper

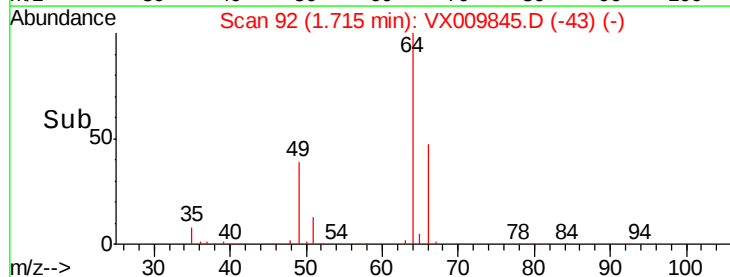
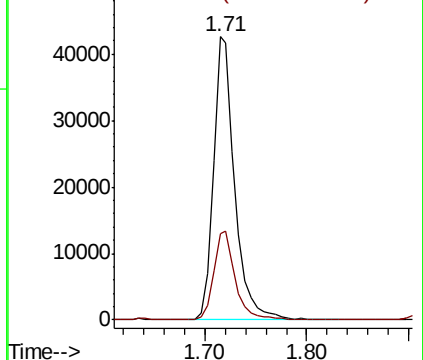
64 100

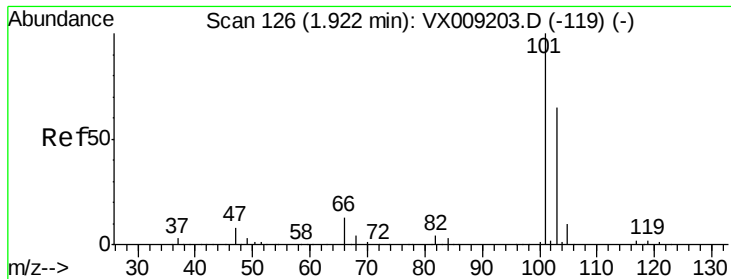
66 30.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



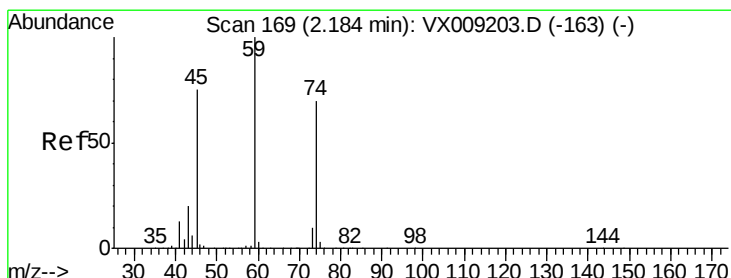
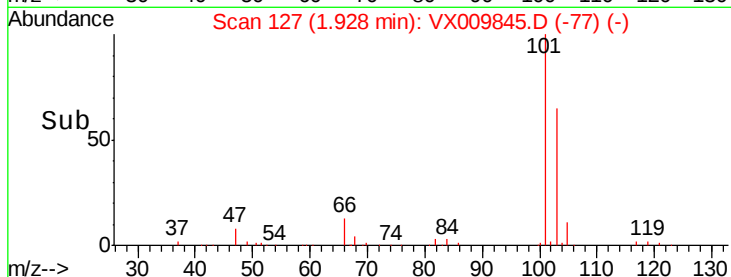
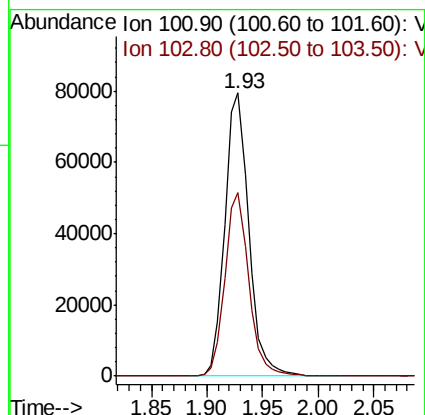
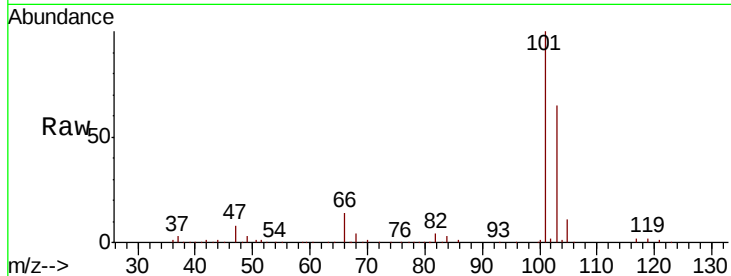


#7

Trichlorofluoromethane
Concen: 46.470 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Instrument :
MSVOA_X
ClientSampled :

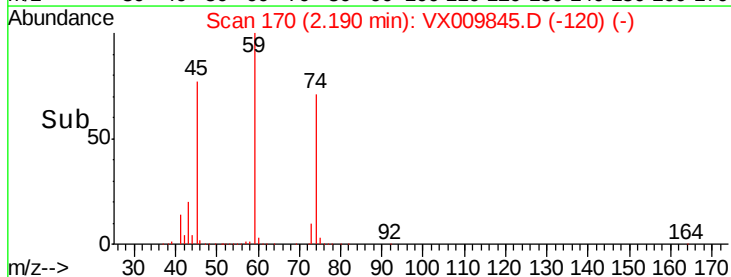
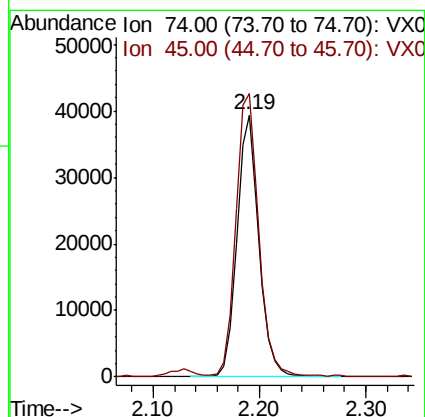
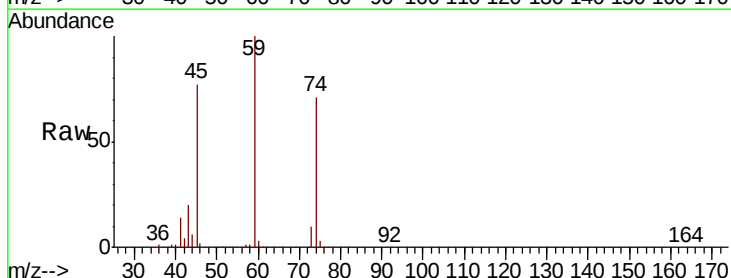
Tot Ion:101 Resp: 118734
Ion Ratio Lower Upper
101 100
103 64.9 52.4 78.6

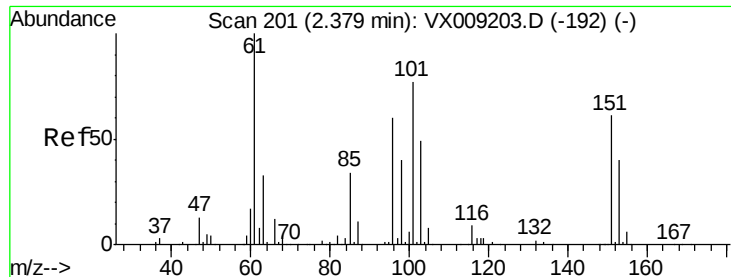


#8

Diethyl Ether
Concen: 46.900 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Tgt Ion: 74 Resp: 56762
Ion Ratio Lower Upper
74 100
45 112.8 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.638 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

Instrument :

MSVOA_X

ClientSampled :

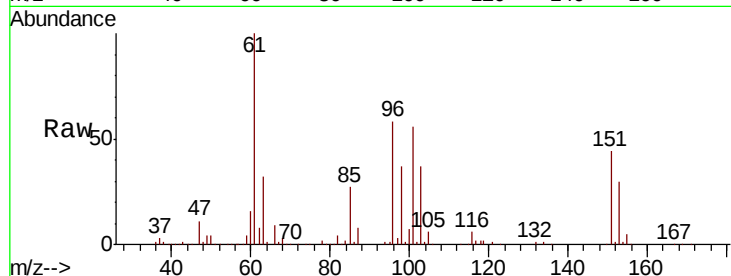
Tot Ion:101 Resp: 70017

Ion Ratio Lower Upper

101 100

85 45.7 35.7 53.5

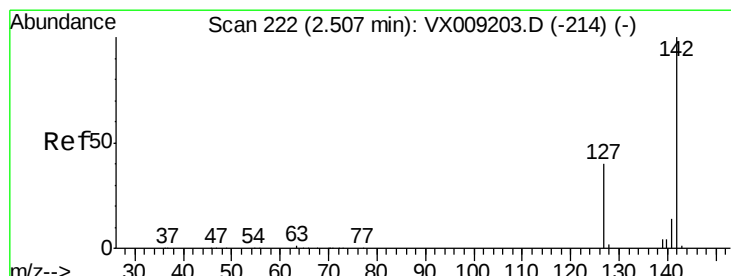
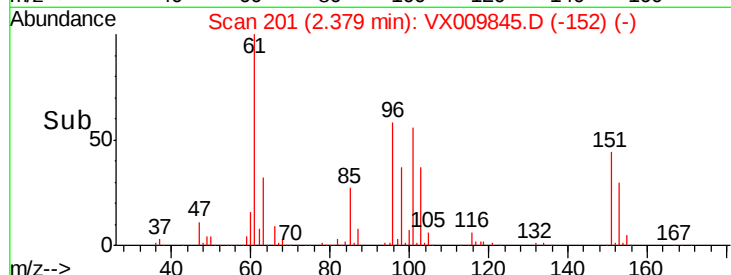
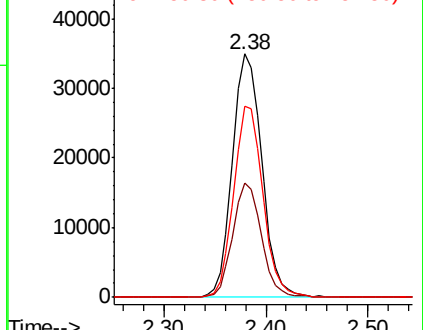
151 77.9 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.464 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

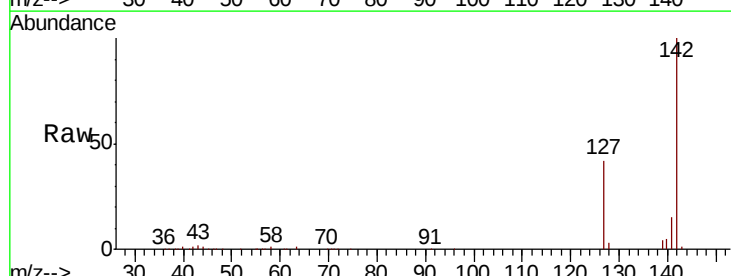
Tgt Ion:142 Resp: 77741

Ion Ratio Lower Upper

142 100

127 41.8 32.7 49.1

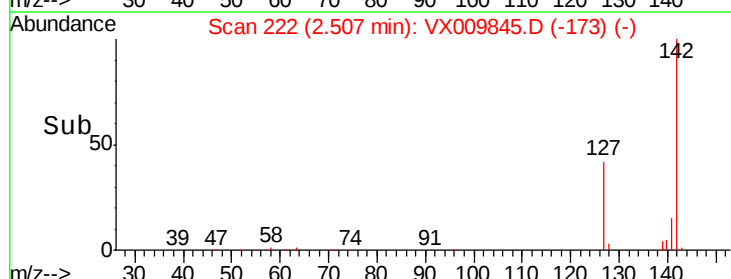
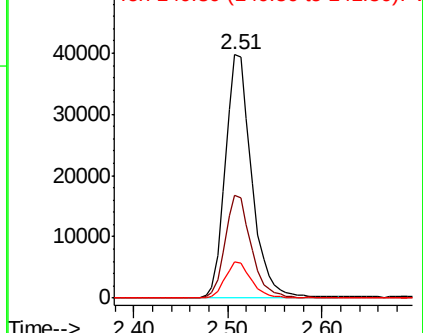
141 14.7 11.5 17.3

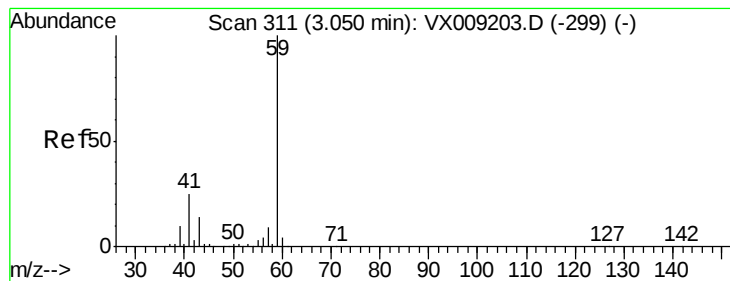


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



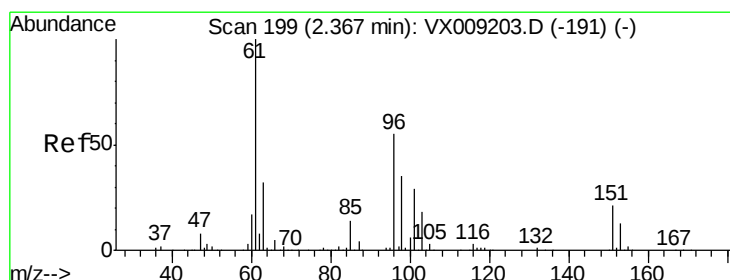
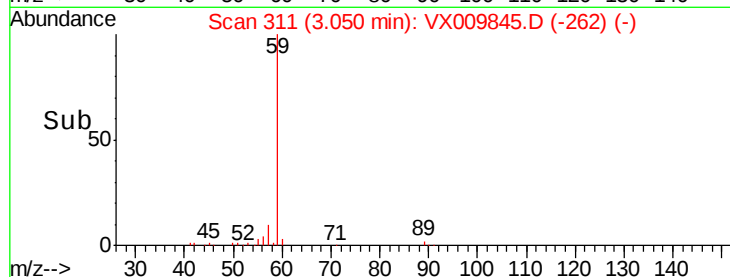
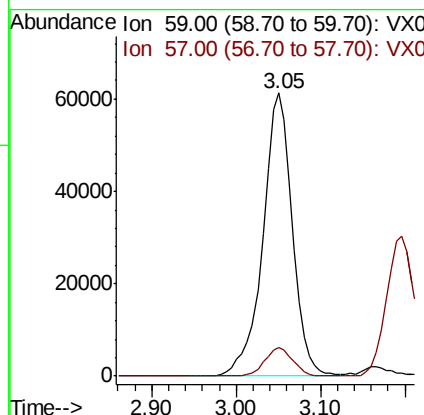
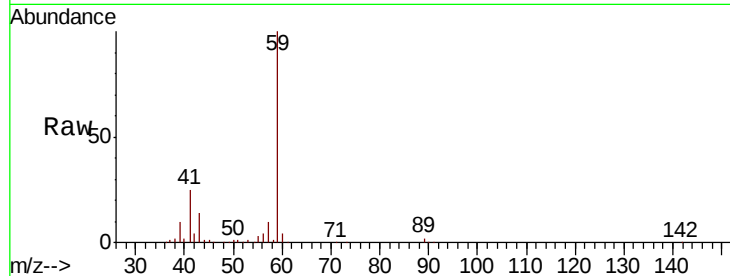


#11

Tert butyl alcohol
 Concen: 272.373 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX009845.D
 Acq: 23 May 2019 08:18

Instrument :
 MSVOA_X
 ClientSampleId :

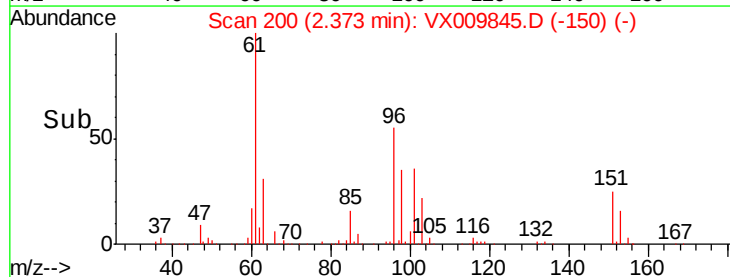
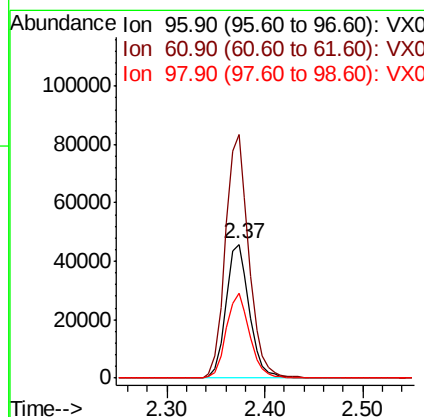
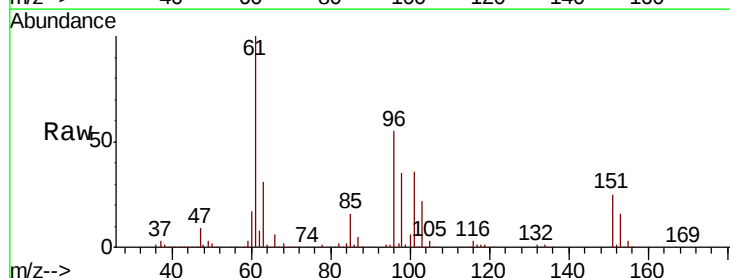
Tot Ion: 59 Resp: 147464
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.2 12.2

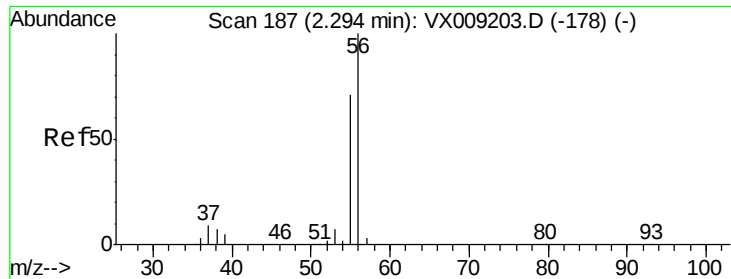


#12

1,1-Dichloroethene
 Concen: 47.133 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX009845.D
 Acq: 23 May 2019 08:18

Tgt Ion: 96 Resp: 75772
 Ion Ratio Lower Upper
 96 100
 61 181.5 144.3 216.5
 98 63.7 50.3 75.5





#13

Acrolein

Concen: 180.344 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

Instrument :

MSVOA_X

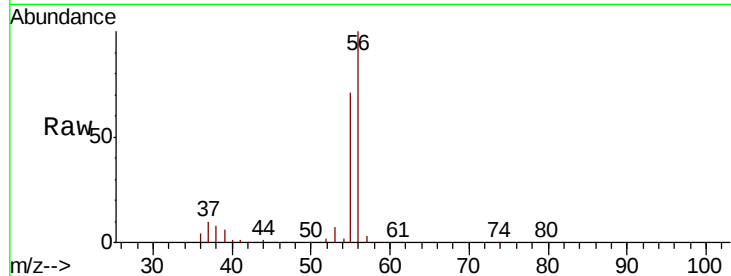
ClientSampleId :

Tot Ion: 56 Resp: 88425

Ion Ratio Lower Upper

56 100

55 71.2 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

60000

50000

40000

30000

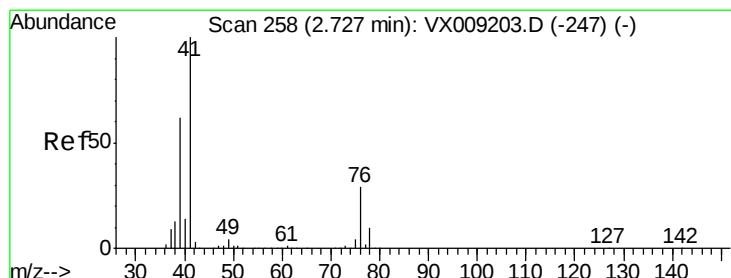
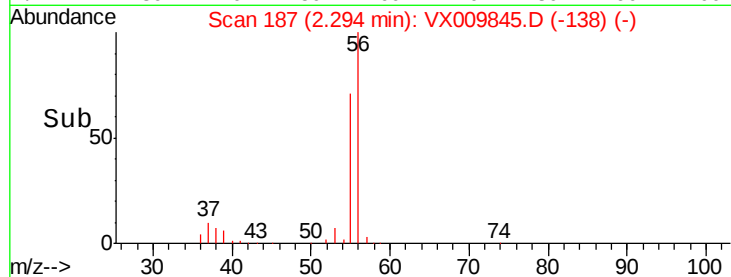
20000

10000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 45.612 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

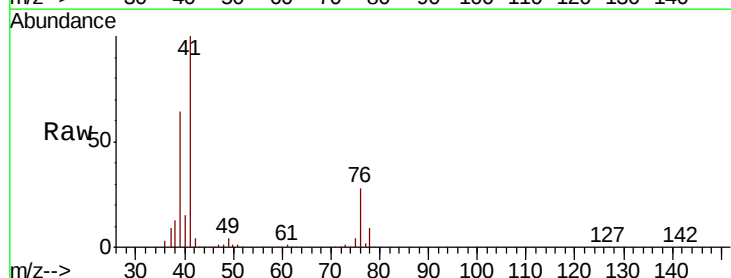
Tgt Ion: 41 Resp: 178697

Ion Ratio Lower Upper

41 100

39 58.6 46.7 70.1

76 25.7 21.8 32.8



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

120000

100000

80000

60000

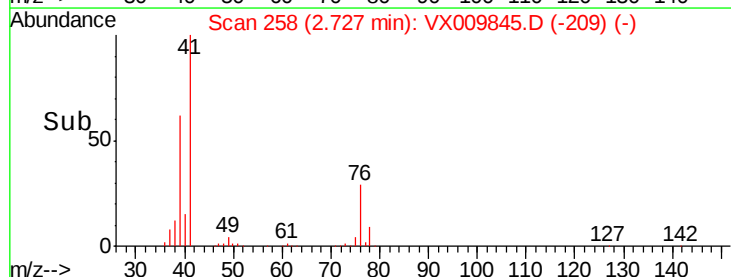
40000

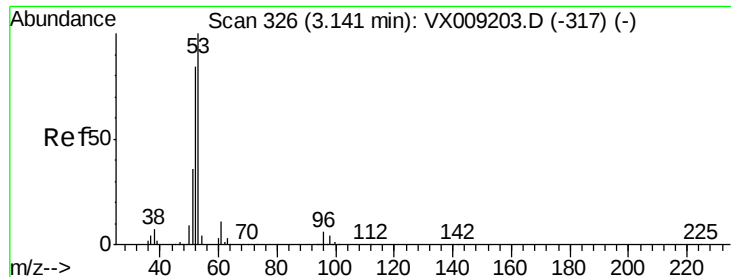
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 239.155 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

Instrument :

MSVOA_X

ClientSampleId :

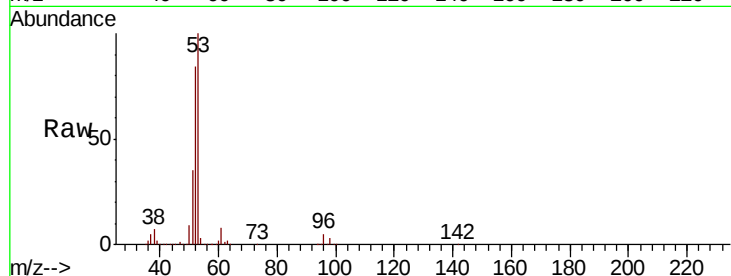
Tot Ion: 53 Resp: 316587

Ion Ratio Lower Upper

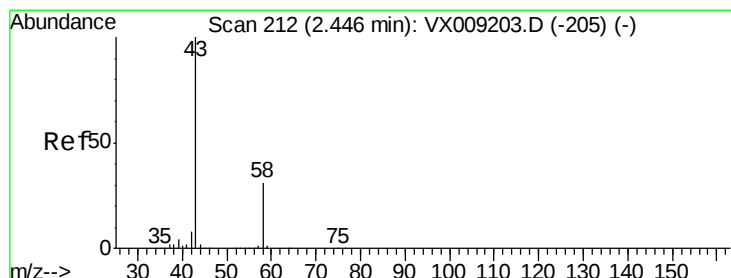
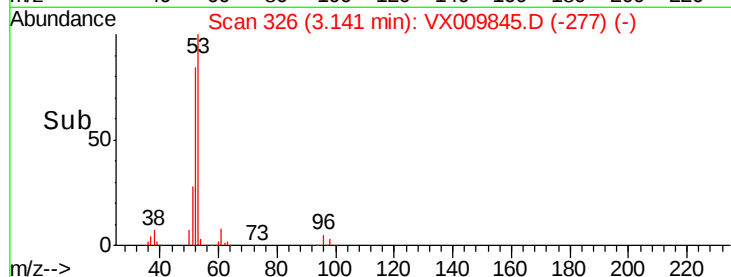
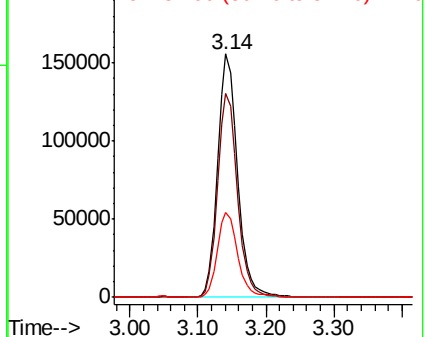
53 100

52 83.4 66.9 100.3

51 35.6 28.2 42.2



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



#16

Acetone

Concen: 224.406 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009845.D

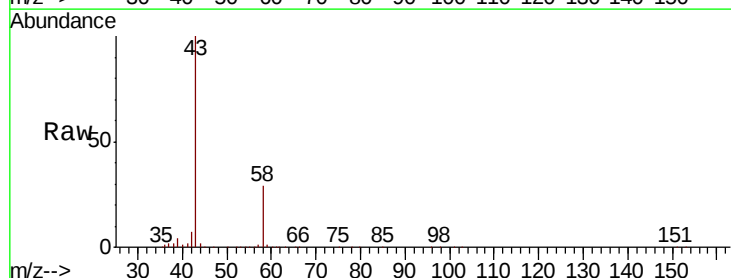
Acq: 23 May 2019 08:18

Tgt Ion: 43 Resp: 281834

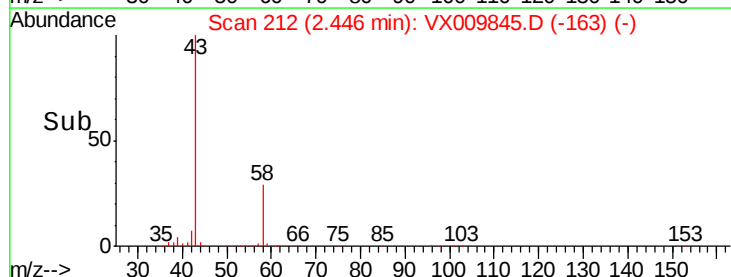
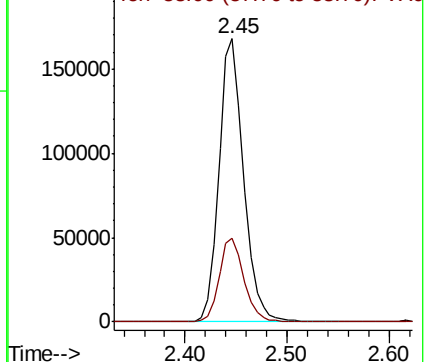
Ion Ratio Lower Upper

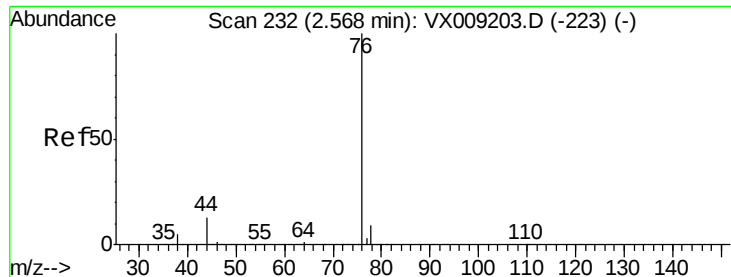
43 100

58 29.4 24.9 37.3



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

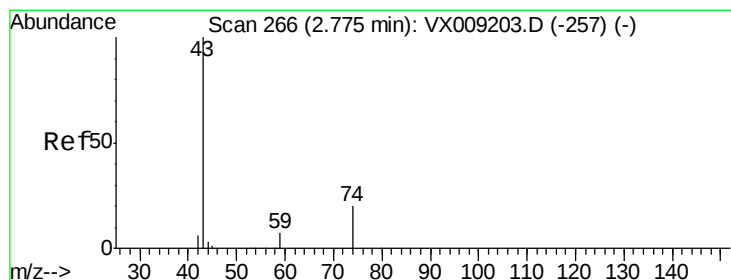
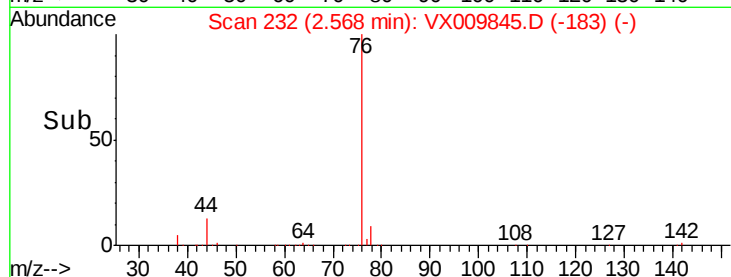
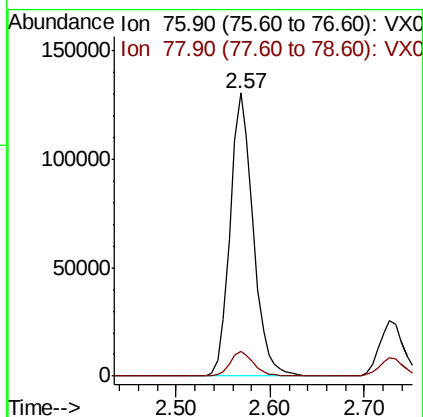
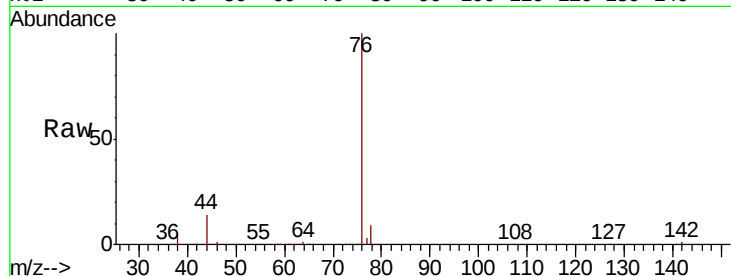




#17
Carbon Disulfide
Concen: 49.164 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

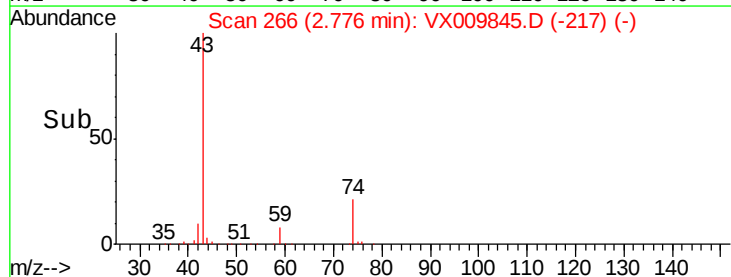
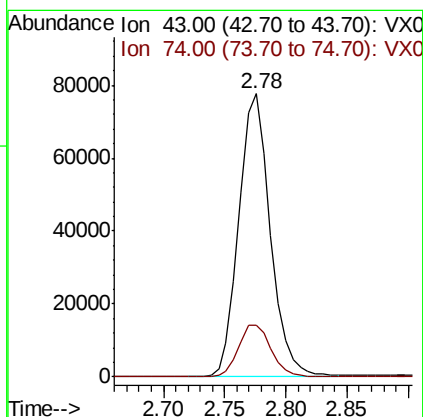
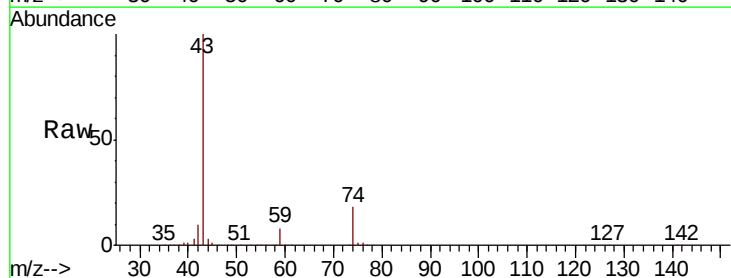
Instrument :
MSVOA_X
ClientSampled :

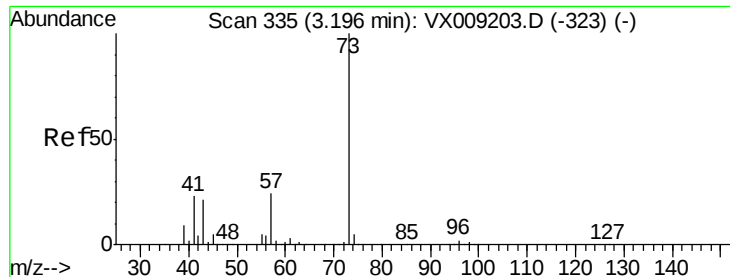
Tot Ion: 76 Resp: 221902
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 46.381 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Tgt Ion: 43 Resp: 138532
Ion Ratio Lower Upper
43 100
74 19.7 16.2 24.4

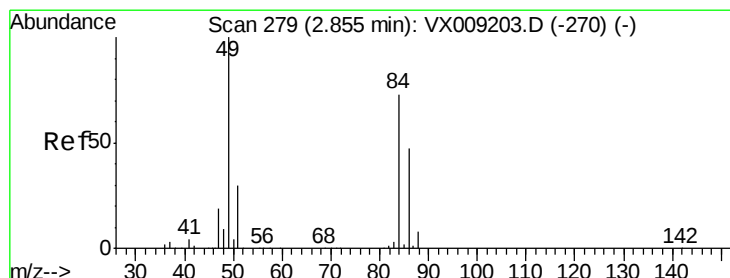
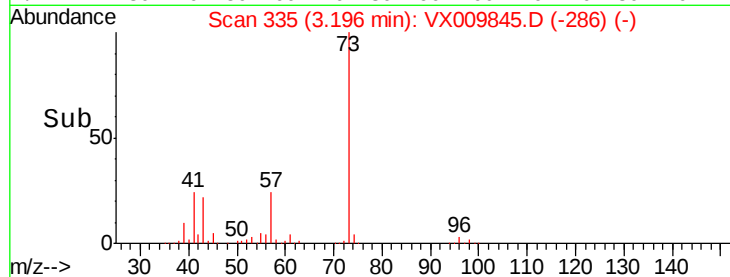
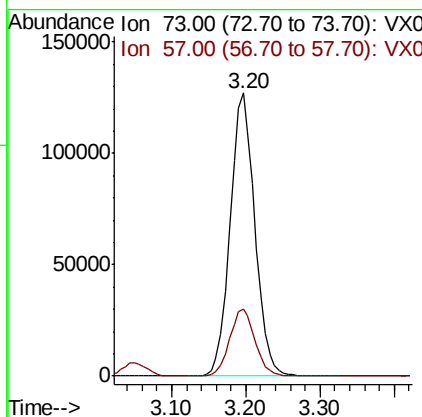
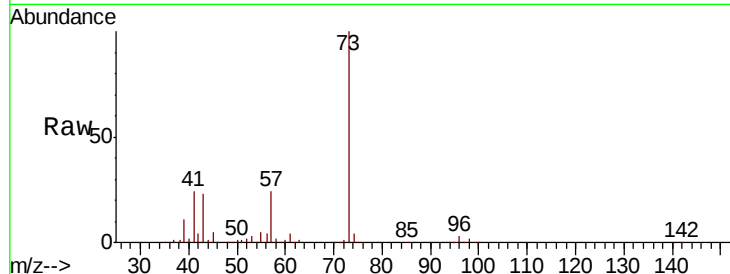




#19
Methvl tert-butvl Ether
Concen: 47.153 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

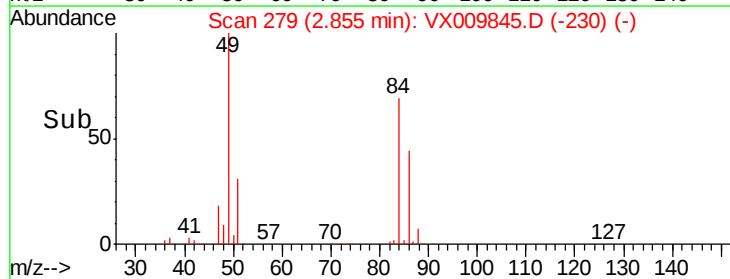
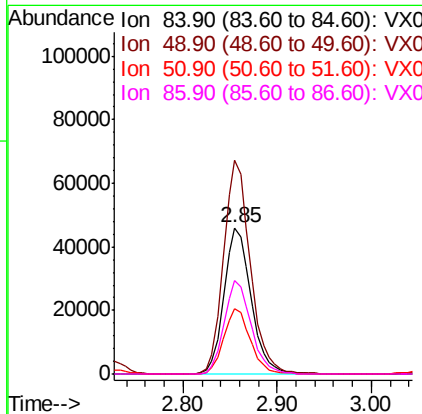
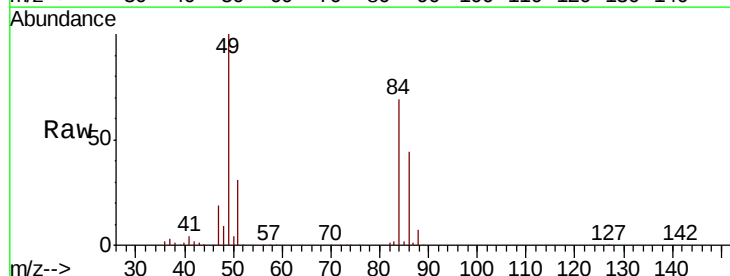
Instrument :
MSVOA_X
ClientSampleId :

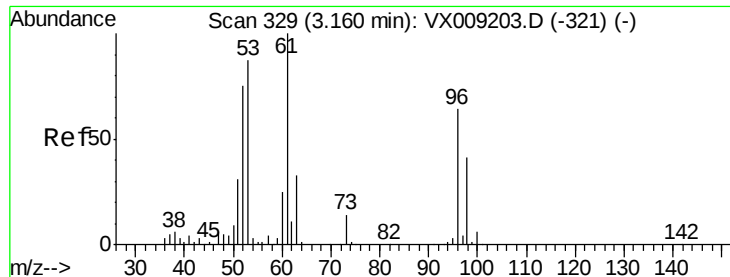
Tot Ion: 73 Resp: 294363
Ion Ratio Lower Upper
73 100
57 23.7 19.3 28.9



#20
Methylene Chloride
Concen: 44.999 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Tgt Ion: 84 Resp: 91506
Ion Ratio Lower Upper
84 100
49 145.8 109.9 164.9
51 44.7 32.7 49.1
86 64.1 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 47.687 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

Instrument :
MSVOA_X
ClientSampleId :

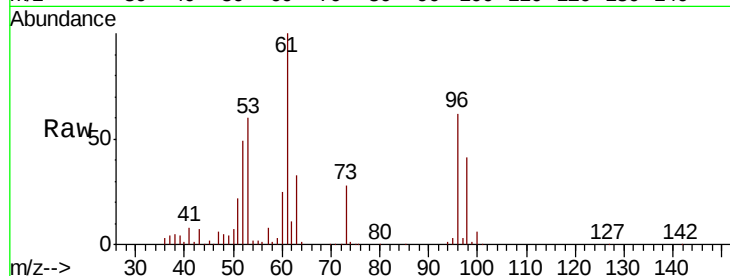
Tot Ion: 96 Resp: 83140

Ion Ratio Lower Upper

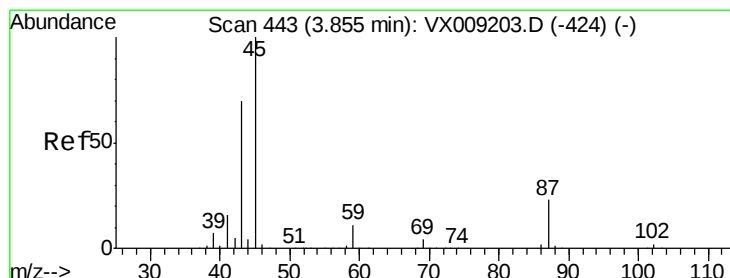
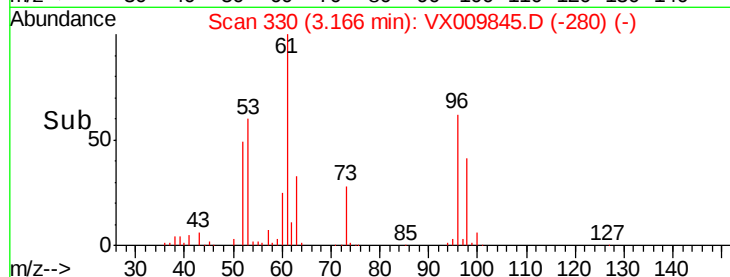
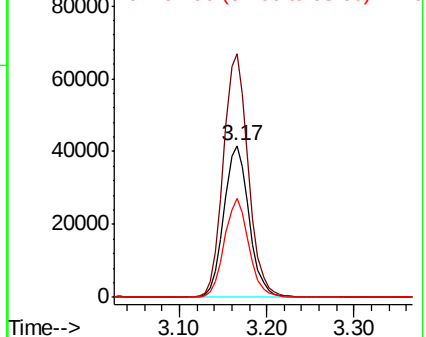
96 100

61 160.4 124.5 186.7

98 65.0 50.4 75.6



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: 48.434 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

Tgt Ion: 45 Resp: 364921

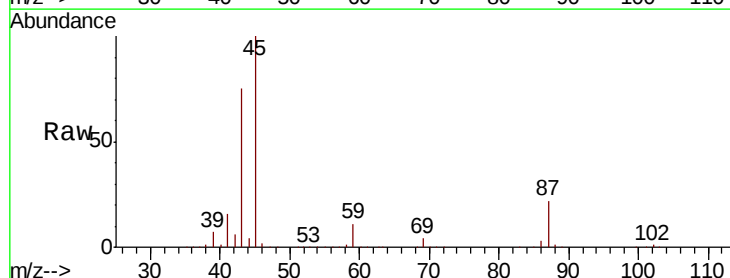
Ion Ratio Lower Upper

45 100

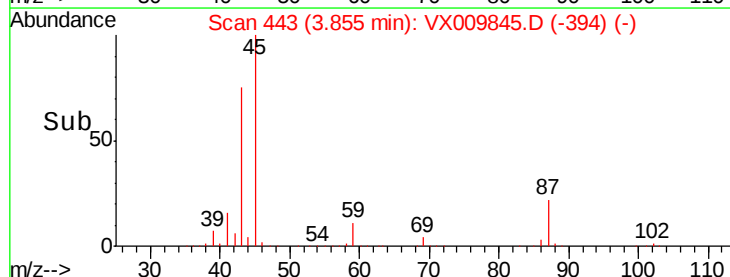
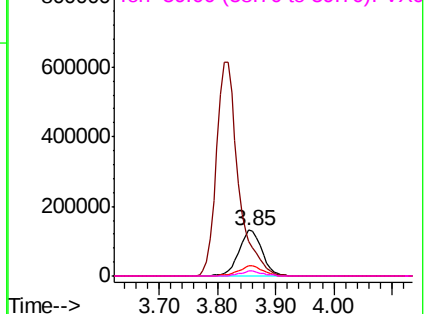
43 74.8 56.1 84.1

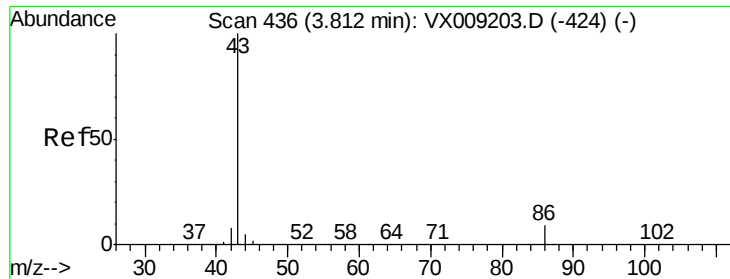
87 22.0 18.1 27.1

59 10.7 8.5 12.7



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: 248.245 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

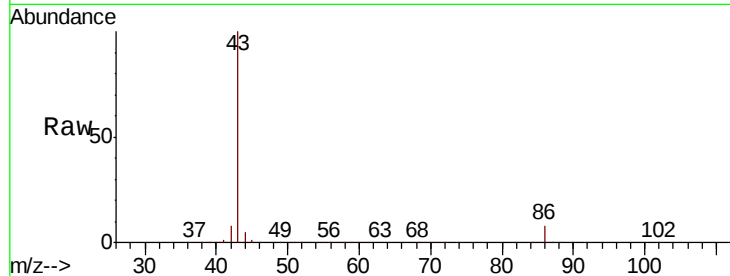
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1601608

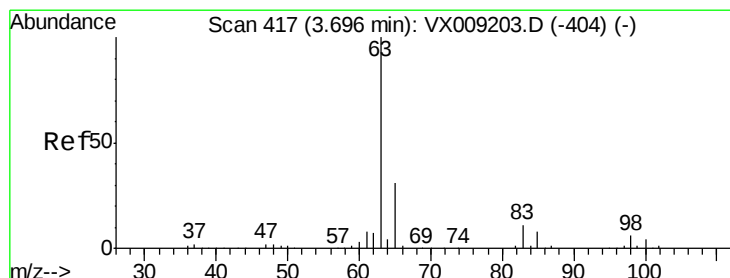
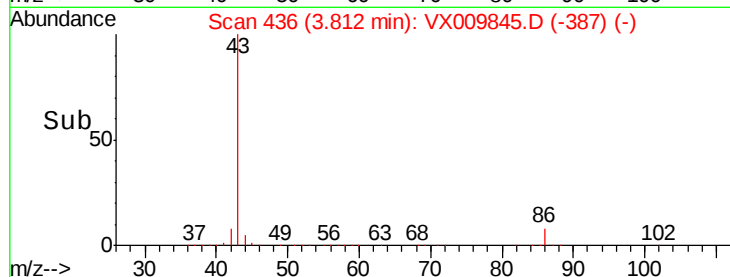
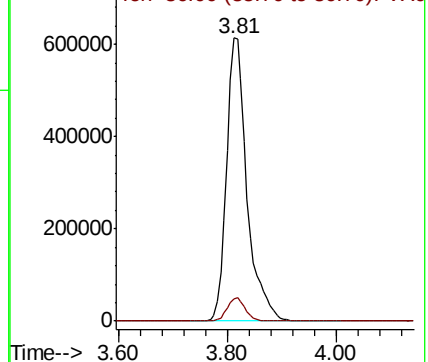
Ion Ratio Lower Upper

43 100

86 8.1 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.594 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

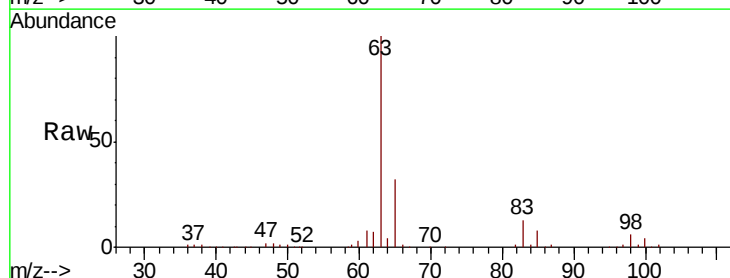
Tgt Ion: 63 Resp: 173180

Ion Ratio Lower Upper

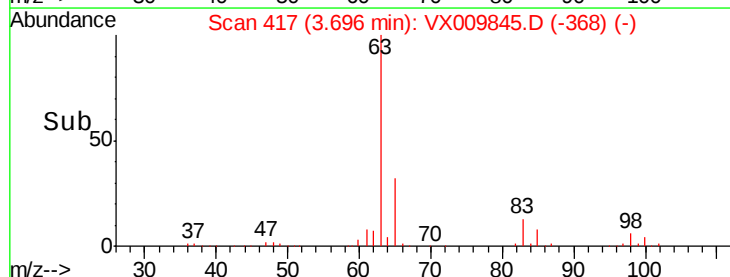
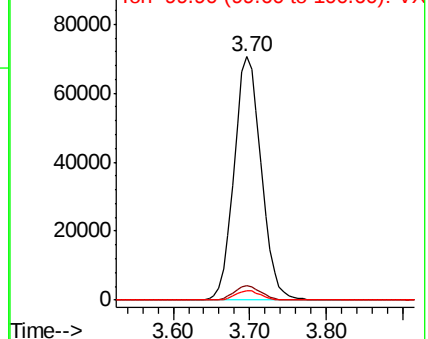
63 100

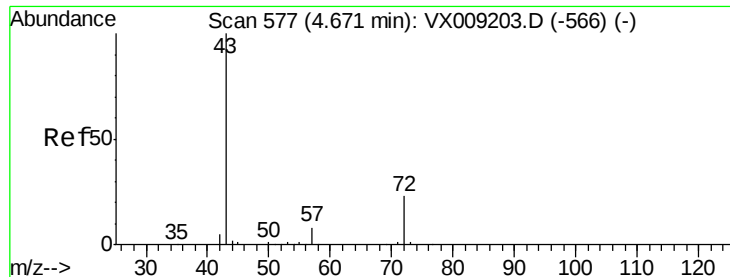
98 6.0 3.0 9.2

100 3.6 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 245.119 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

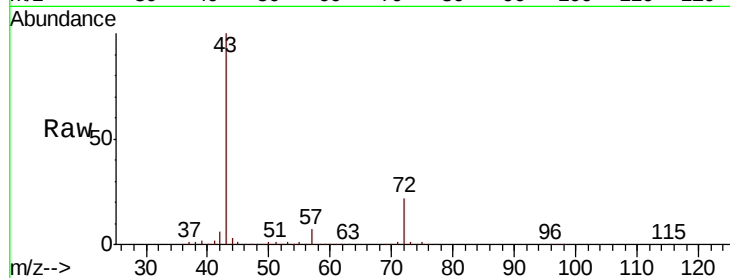
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 478386

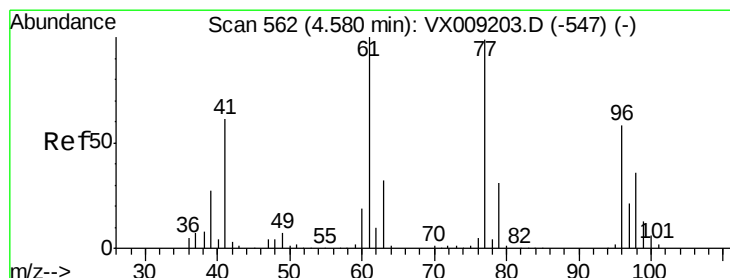
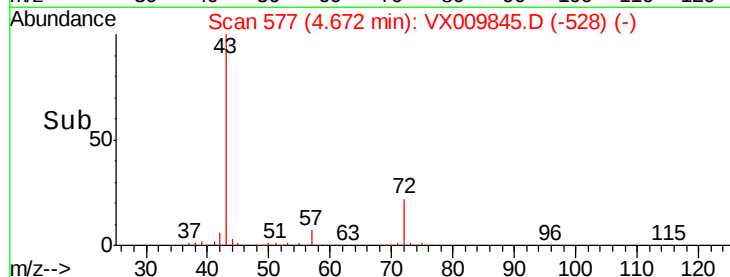
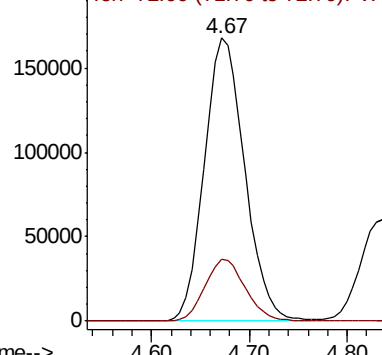
Ion Ratio Lower Upper

43 100

72 21.9 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 27.377 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009845.D

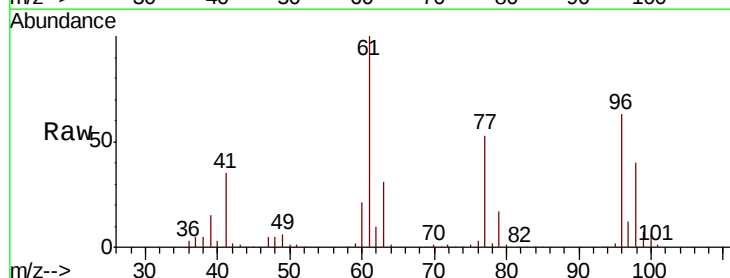
Acq: 23 May 2019 08:18

Tgt Ion: 77 Resp: 75739

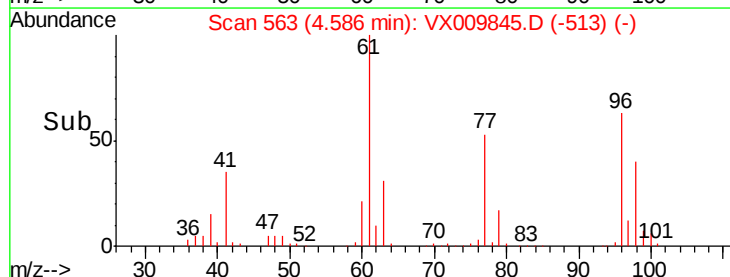
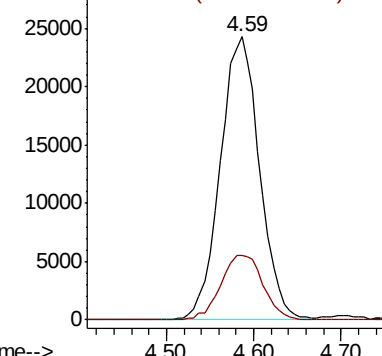
Ion Ratio Lower Upper

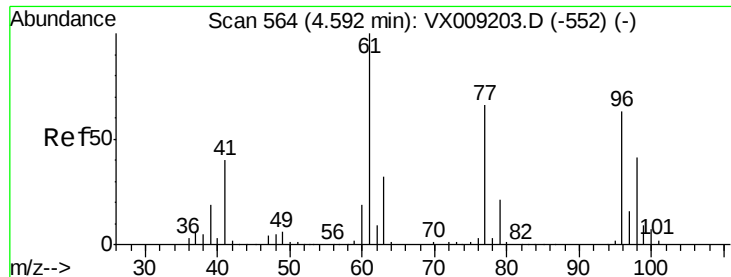
77 100

97 24.8 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



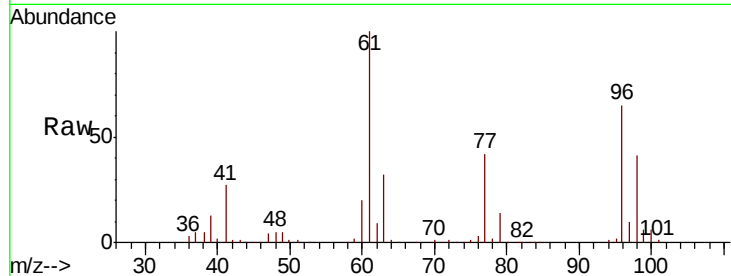


#27

cis-1,2-Dichloroethene
Concen: 46.208 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.6	0.0	324.0
98	64.6	0.0	130.4

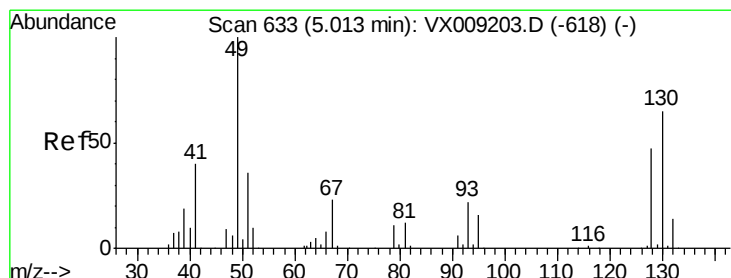
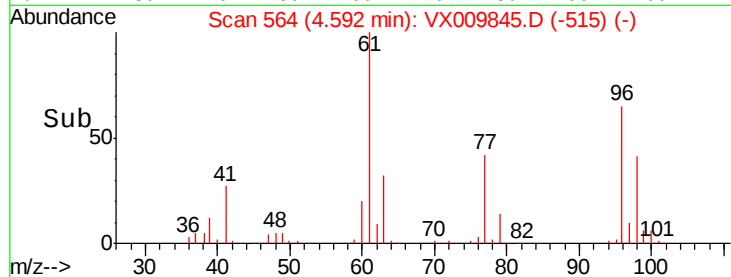
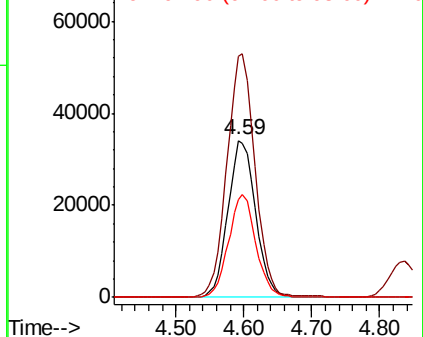


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

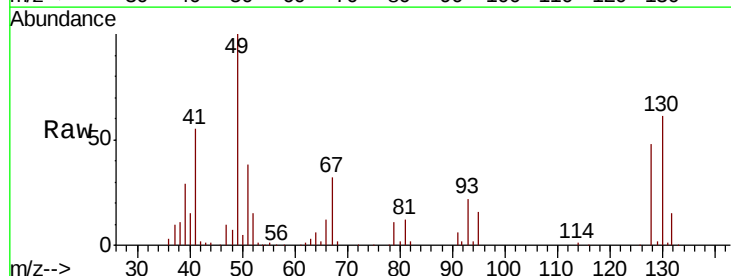
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 58.133 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	61.2	51.2	76.8

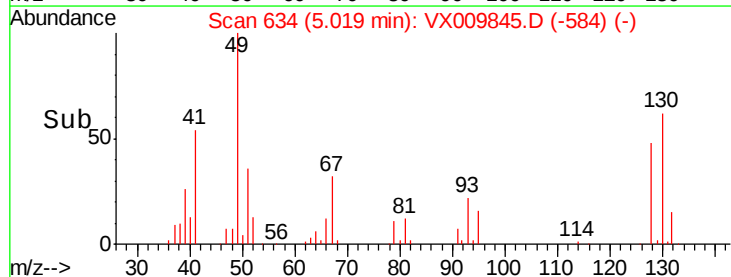
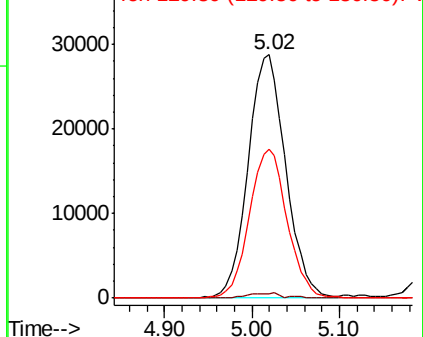


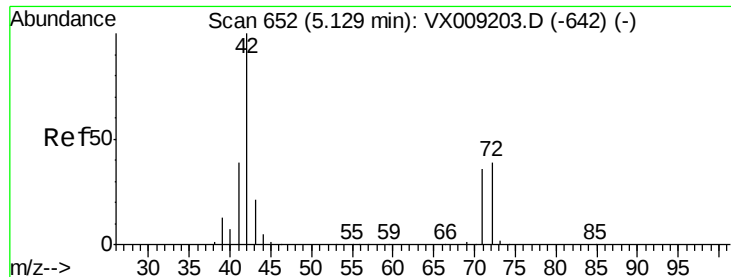
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

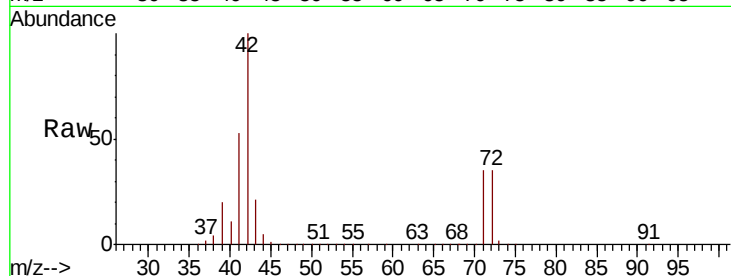




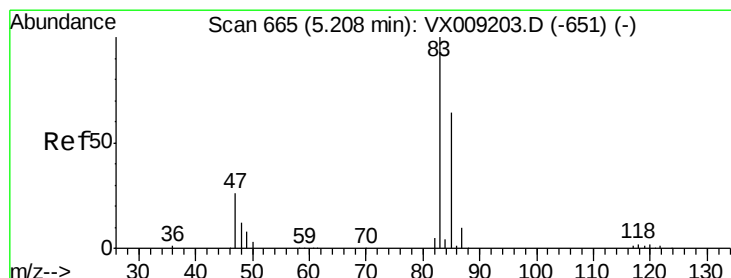
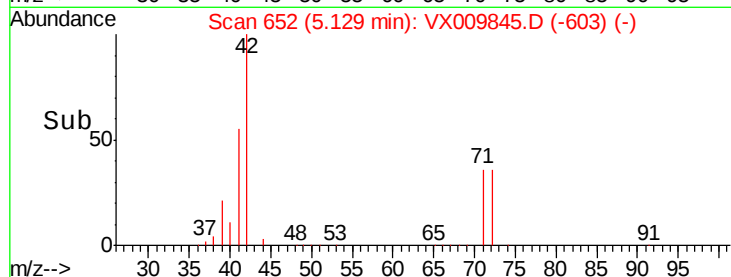
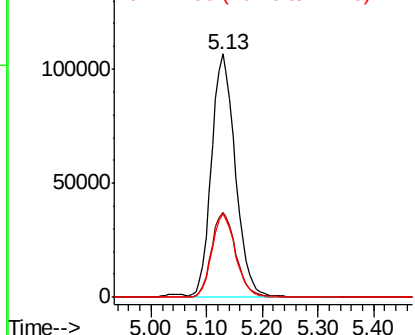
#29
Tetrahydrofuran
Concen: 252.943 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 42 Resp: 317666
Ion Ratio Lower Upper
42 100
72 36.0 30.4 45.6
71 34.1 28.6 43.0

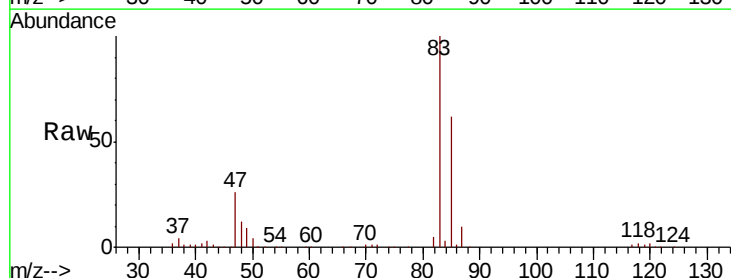


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

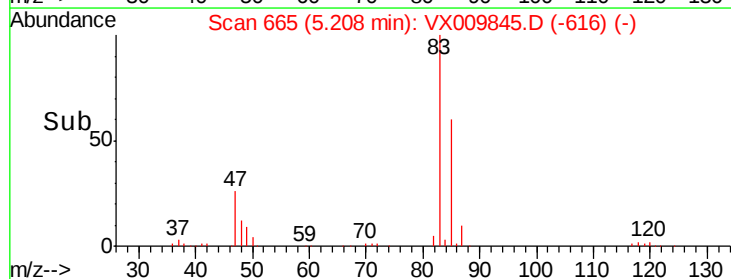
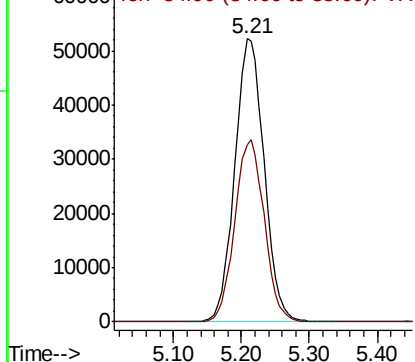


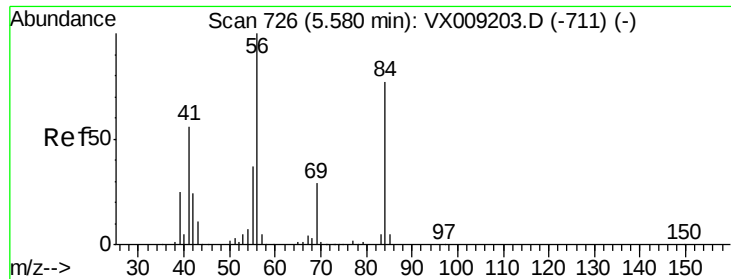
#30
Chloroform
Concen: 46.552 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Tgt Ion: 83 Resp: 156488
Ion Ratio Lower Upper
83 100
85 62.5 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

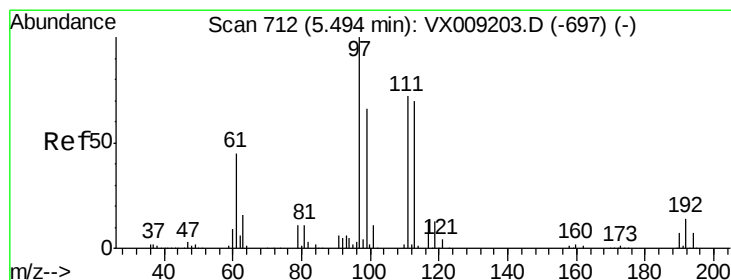
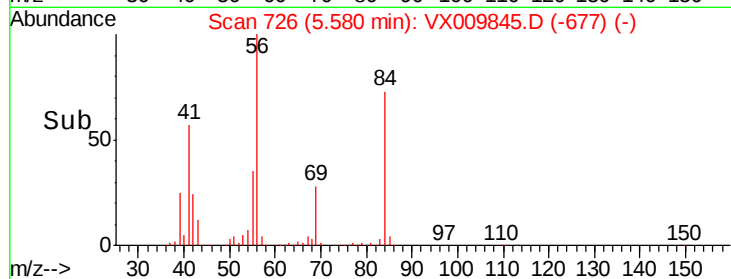
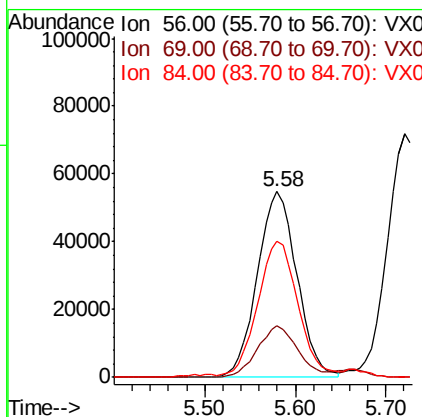
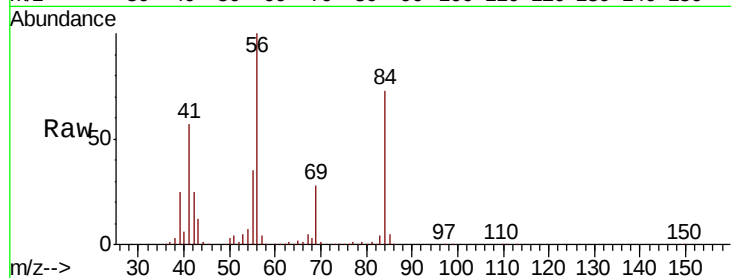




#31
Cyclohexane
Concen: 48.010 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

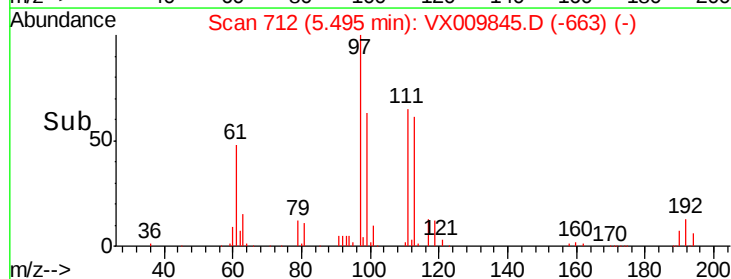
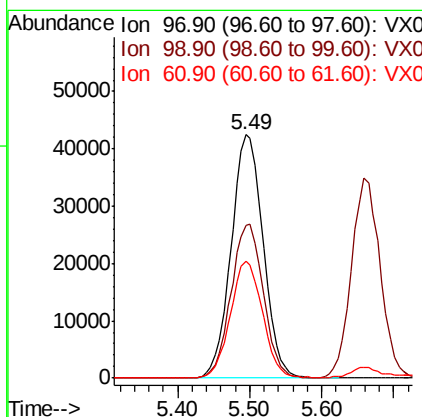
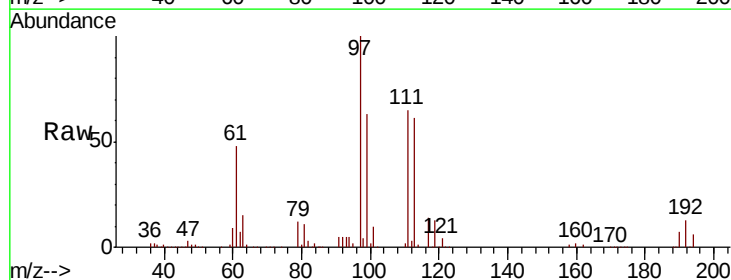
Instrument :
MSVOA_X
ClientSampleId :

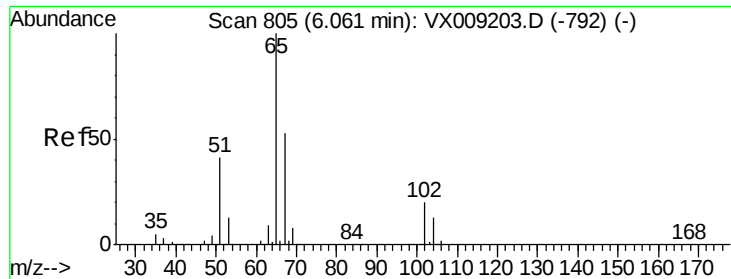
Tot Ion: 56 Resp: 166017
Ion Ratio Lower Upper
56 100
69 27.6 23.4 35.0
84 72.2 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 46.849 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Tgt Ion: 97 Resp: 131102
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.8
61 48.3 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 46.522 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

Instrument :

MSVOA_X

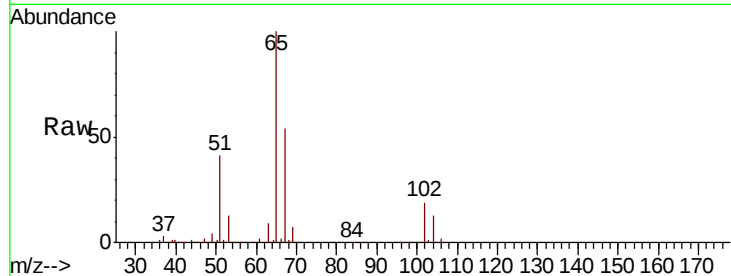
ClientSampleId :

Tot Ion: 65 Resp: 108812

Ion Ratio Lower Upper

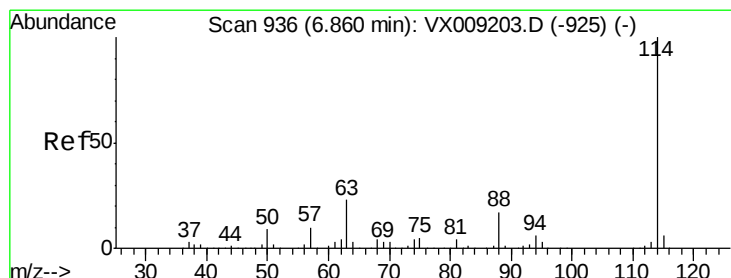
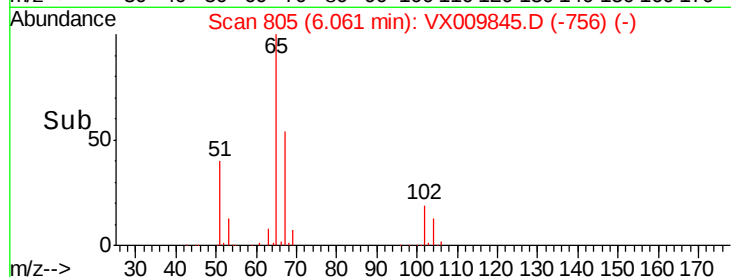
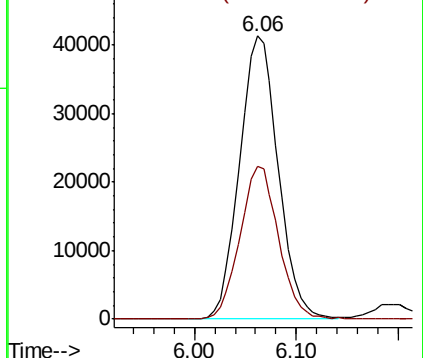
65 100

67 54.1 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

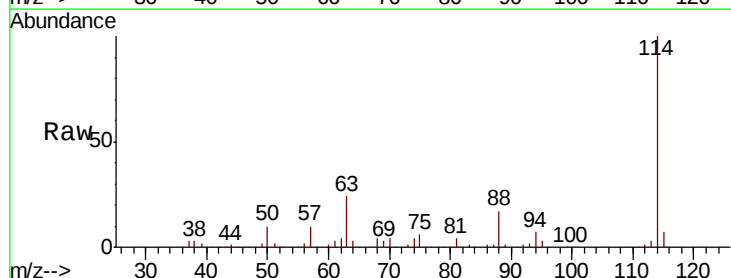
Tgt Ion: 114 Resp: 285819

Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.6

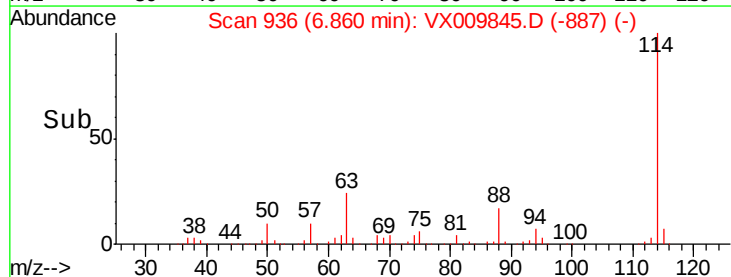
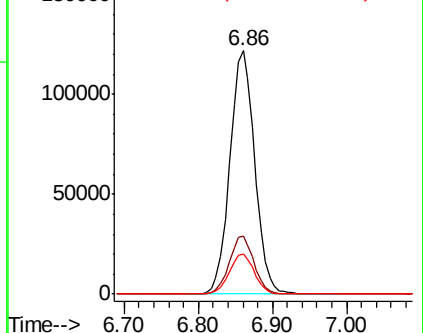
88 16.7 0.0 33.2

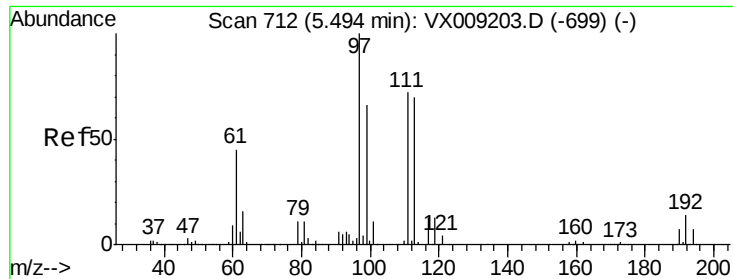


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

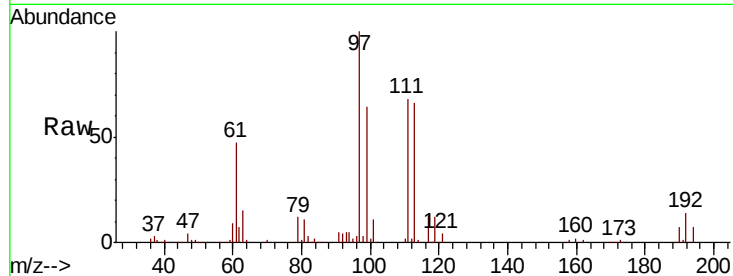




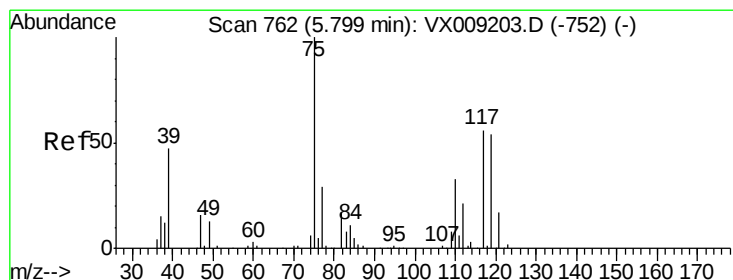
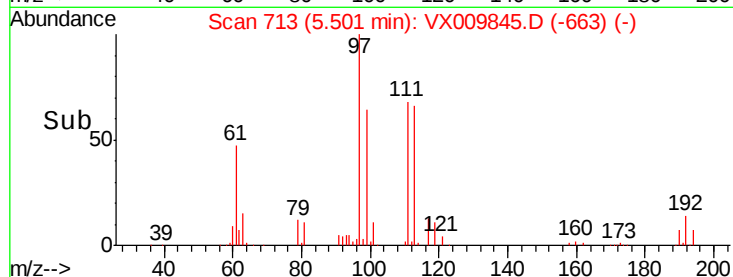
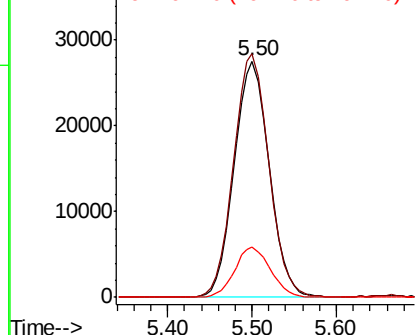
#35
 Dibromofluoromethane
 Concen: 43.276 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009845.D
 Acq: 23 May 2019 08:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 77758
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.8 124.2
 192 21.6 17.0 25.6

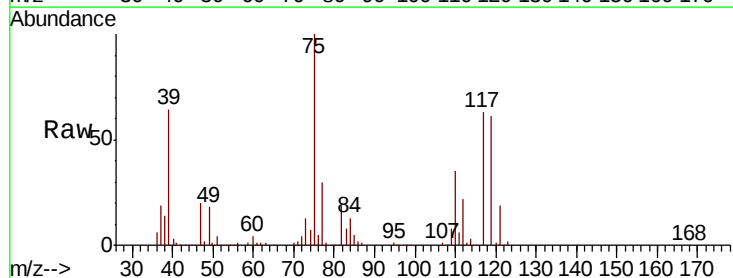


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

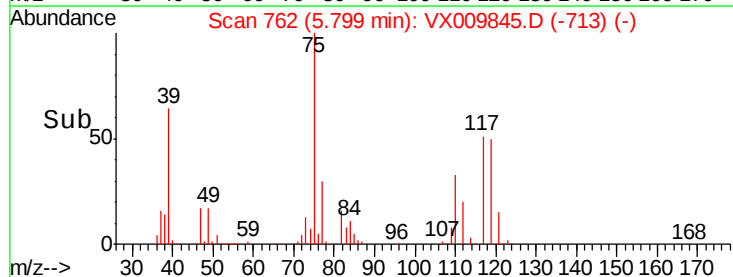
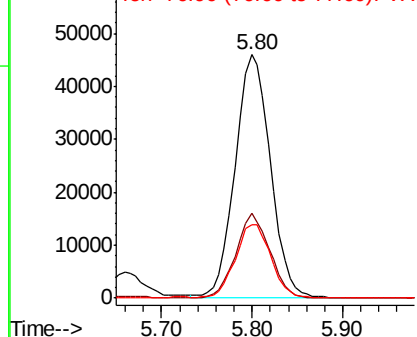


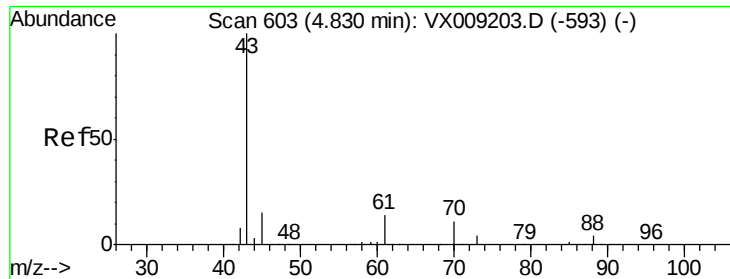
#36
 1,1-Dichloropropene
 Concen: 46.483 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009845.D
 Acq: 23 May 2019 08:18

Tgt Ion: 75 Resp: 123467
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.9 50.6
 77 30.9 24.8 37.2



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

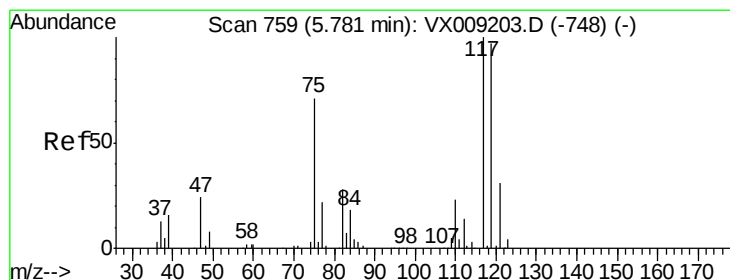
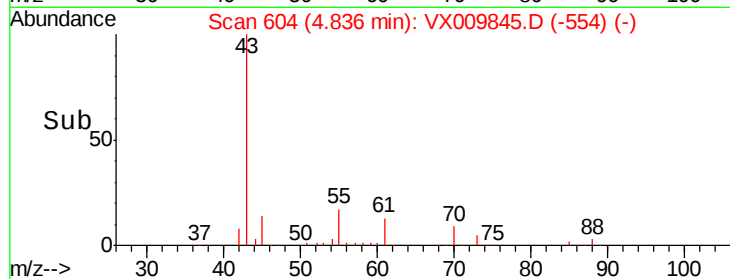
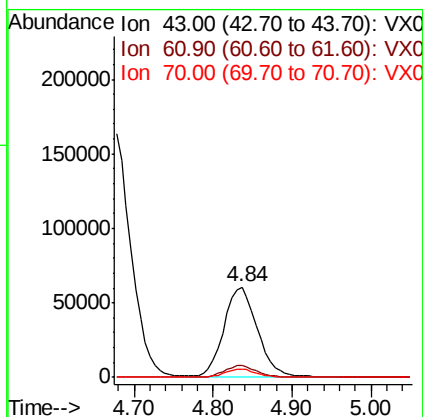
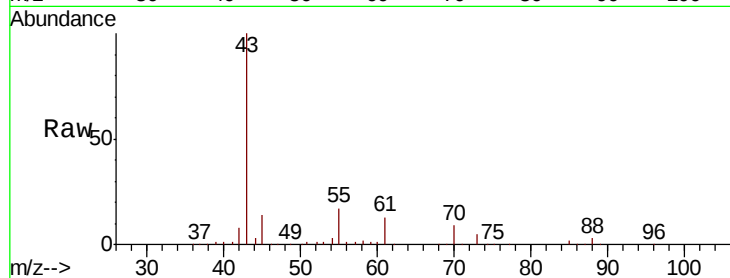




#37
Ethyl Acetate
Concen: 48.163 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

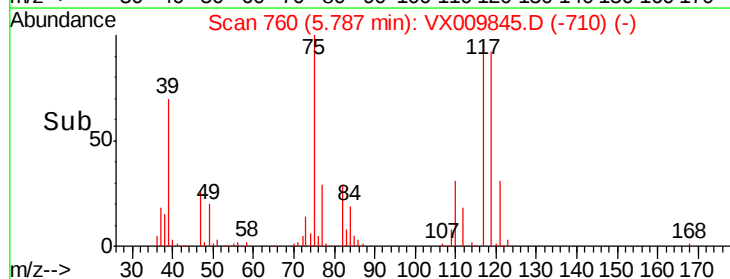
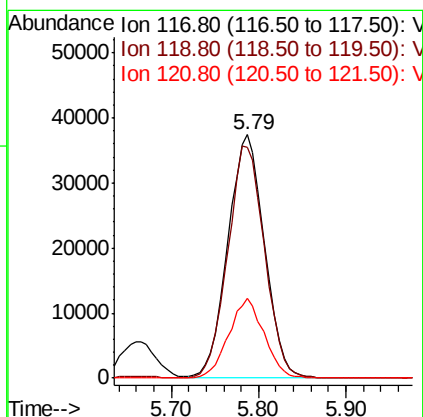
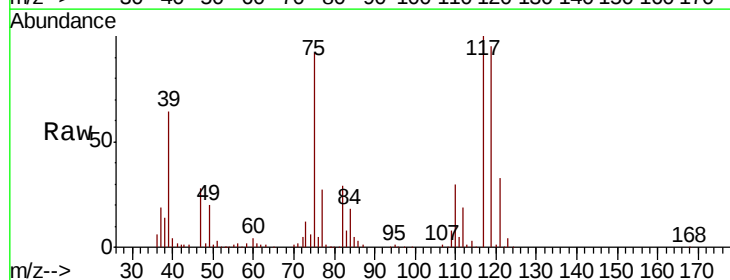
Instrument :
MSVOA_X
ClientSampled :

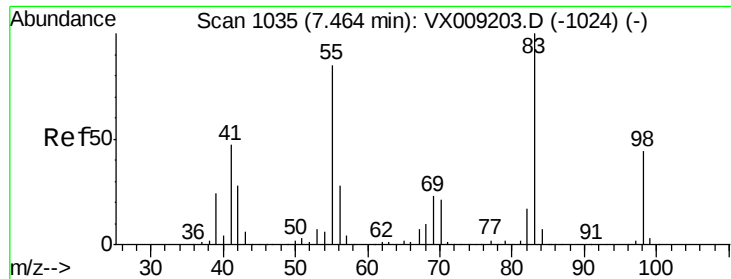
Tot Ion: 43 Resp: 178243
Ion Ratio Lower Upper
43 100
61 12.4 10.5 15.7
70 9.0 7.9 11.9



#38
Carbon Tetrachloride
Concen: 45.027 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Tgt Ion: 117 Resp: 108664
Ion Ratio Lower Upper
117 100
119 94.7 77.5 116.3
121 32.7 24.7 37.1



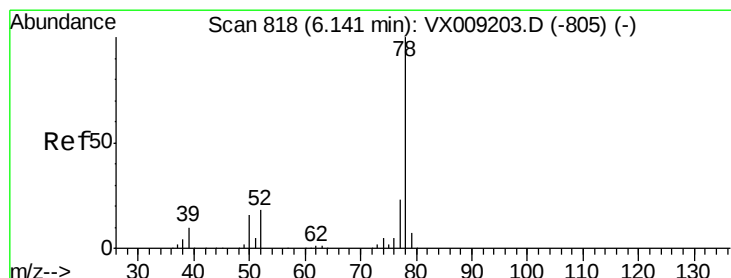
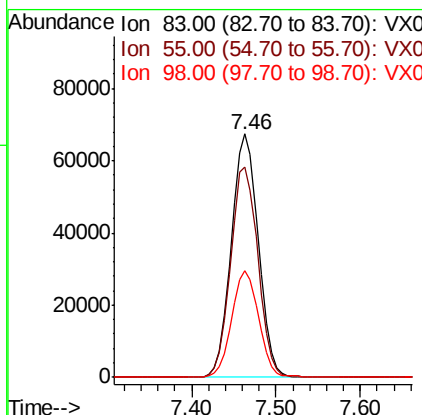
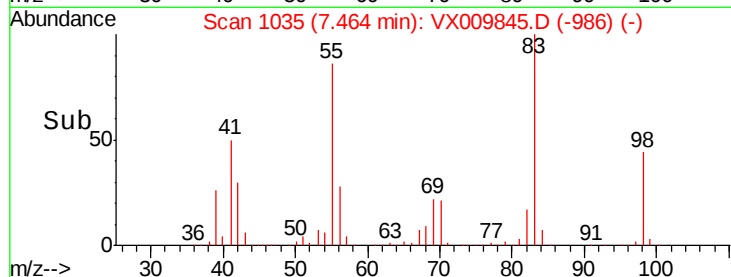
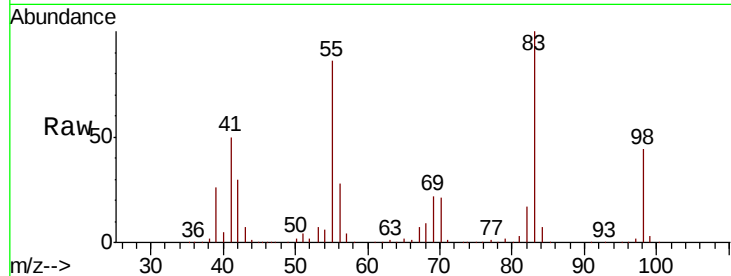


#39
Methvlcvclohexane
Concen: 44.708 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 145837

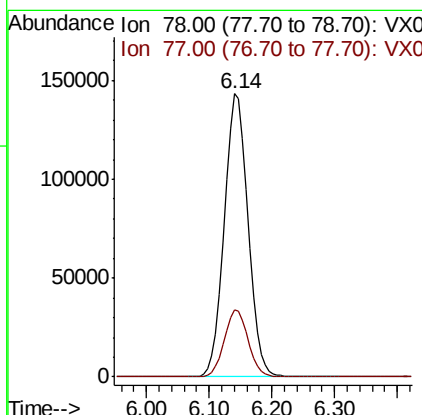
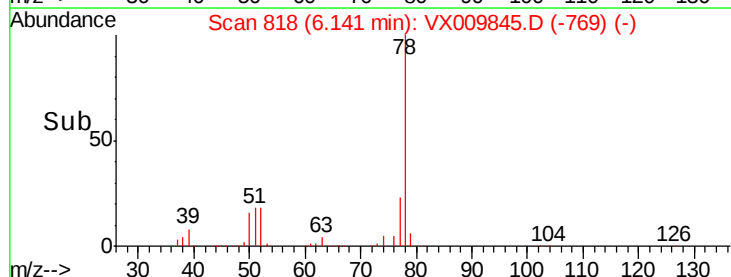
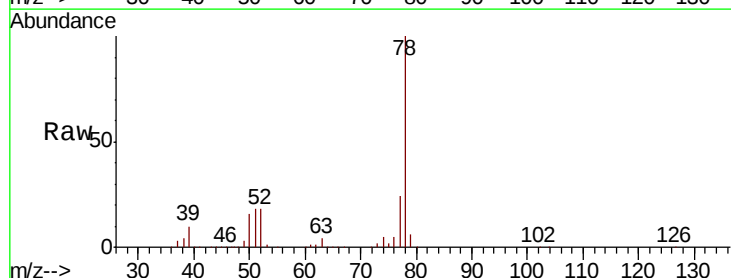
Ion	Ratio	Lower	Upper
83	100		
55	86.4	67.7	101.5
98	43.8	35.5	53.3

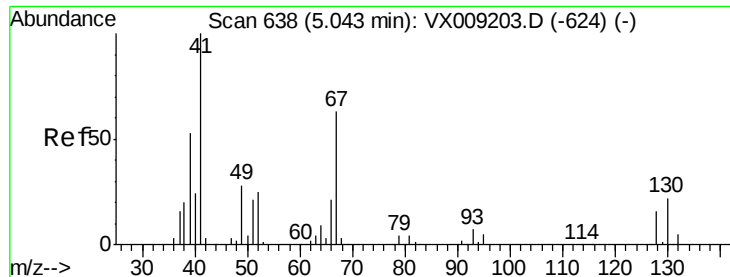


#40
Benzene
Concen: 45.729 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Tgt Ion: 78 Resp: 375906

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





#41

Methacrylonitrile

Concen: 46.493 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 102423

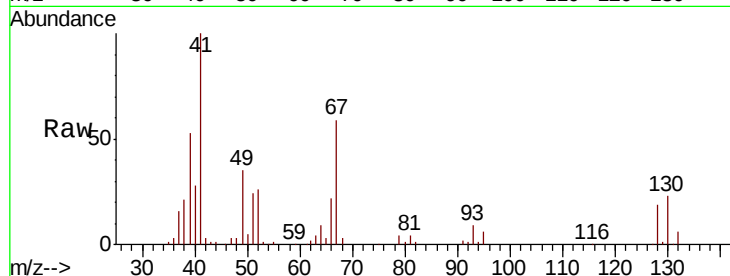
Ion Ratio Lower Upper

41 100

39 52.4 42.0 63.0

67 59.7 49.8 74.8

52 25.4 20.3 30.5

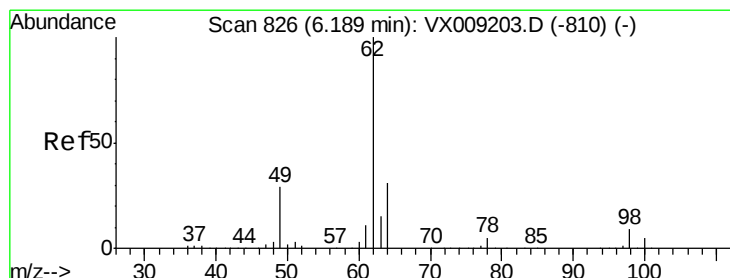
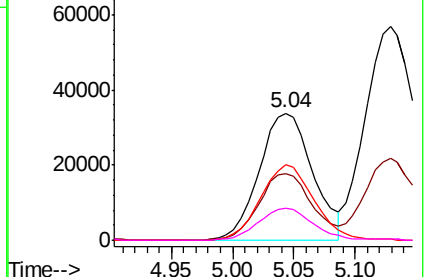
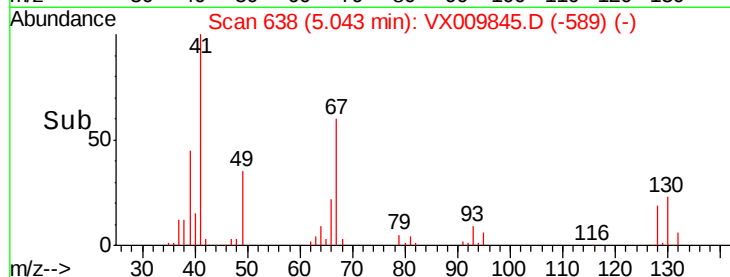


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 46.300 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX009845.D

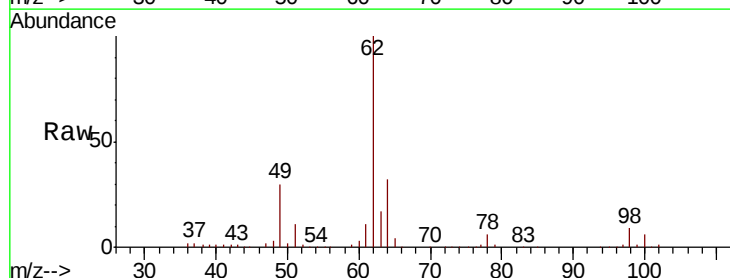
Acq: 23 May 2019 08:18

Tgt Ion: 62 Resp: 136527

Ion Ratio Lower Upper

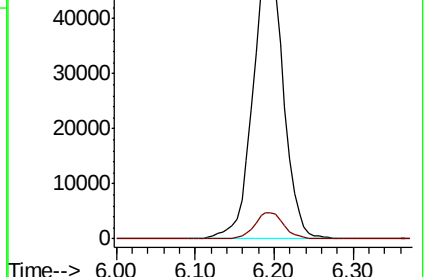
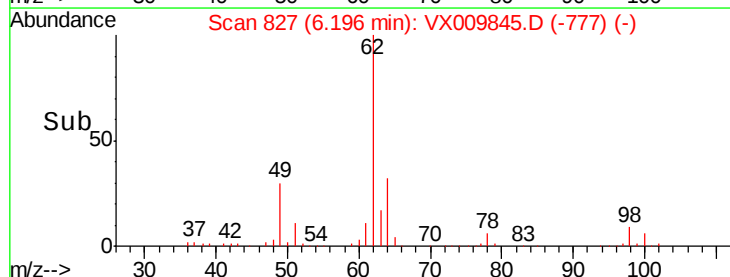
62 100

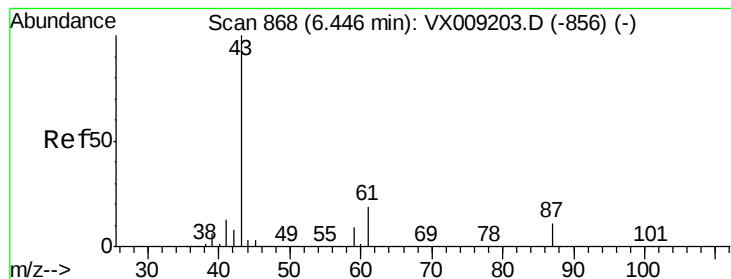
98 9.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.495 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

Instrument :

MSVOA_X

ClientSampleId :

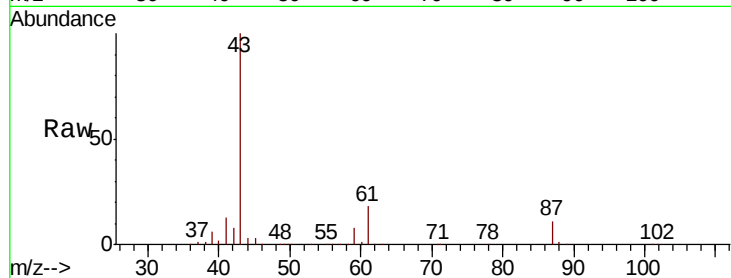
Tot Ion: 43 Resp: 287072

Ion Ratio Lower Upper

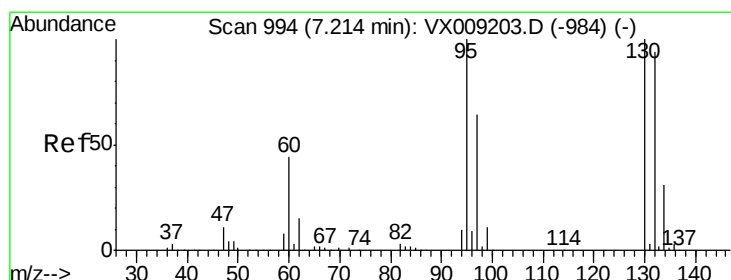
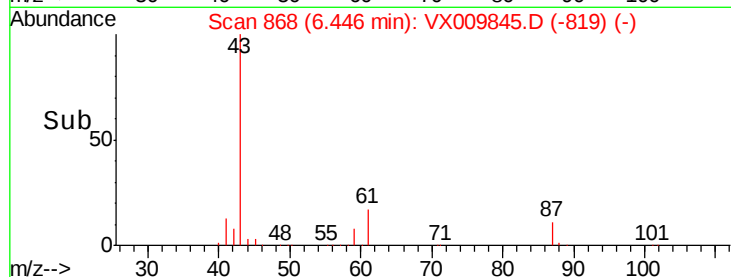
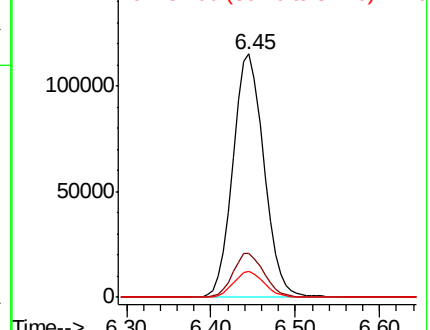
43 100

61 18.3 15.1 22.7

87 10.6 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 45.167 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009845.D

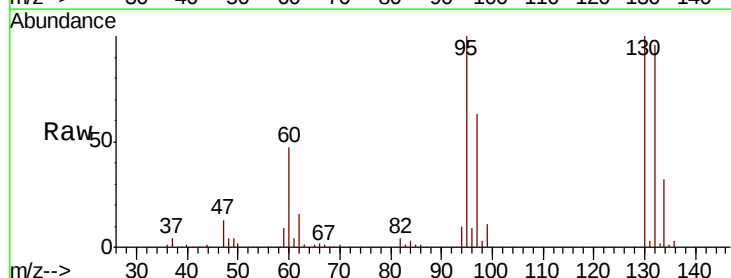
Acq: 23 May 2019 08:18

Tgt Ion:130 Resp: 89760

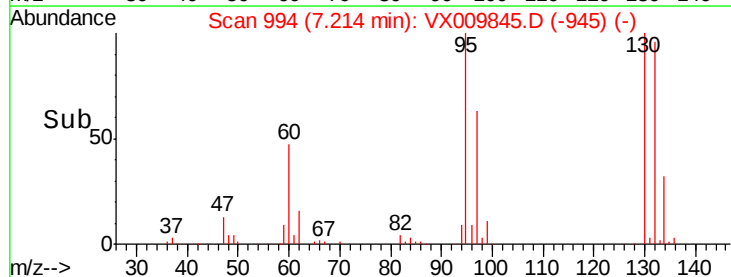
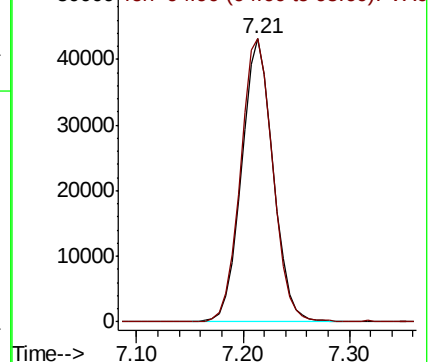
Ion Ratio Lower Upper

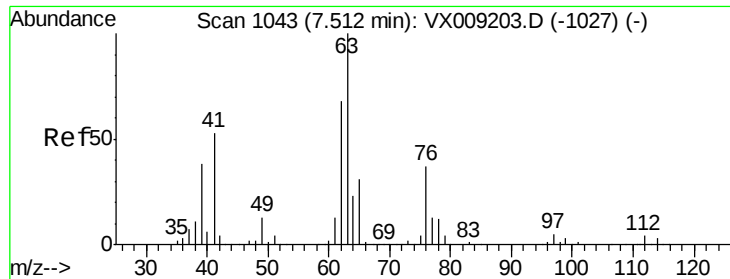
130 100

95 100.0 0.0 199.2



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

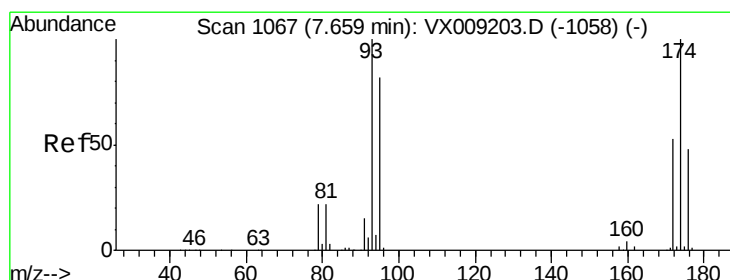
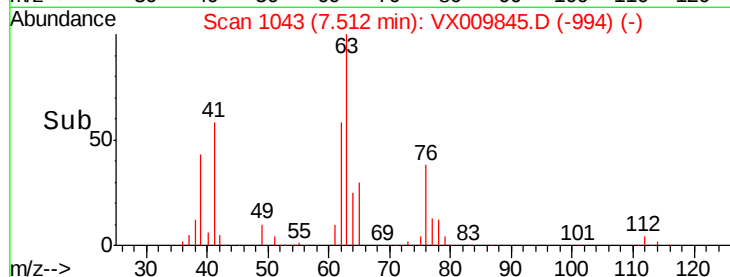
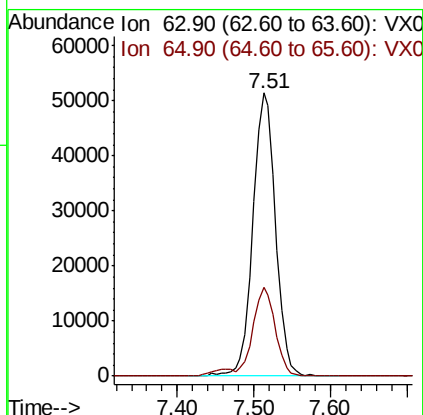
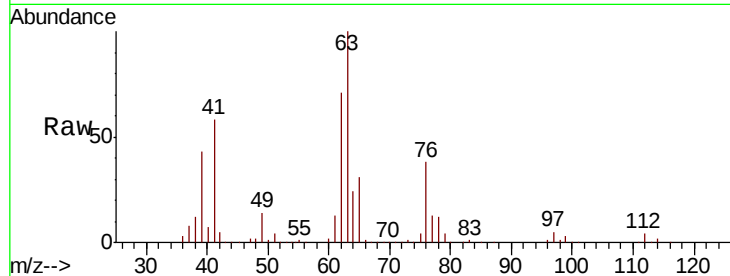




#45
 1,2-Dichloropropane
 Concen: 45.702 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009845.D
 Acq: 23 May 2019 08:18

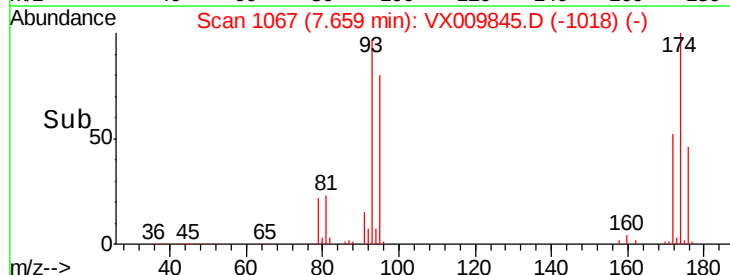
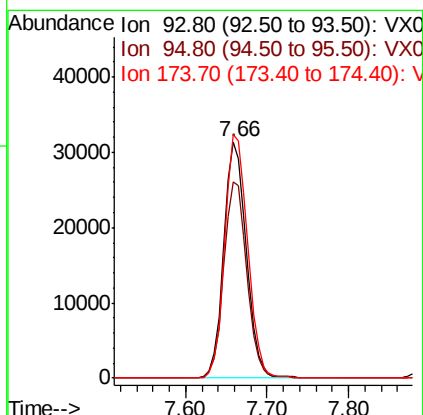
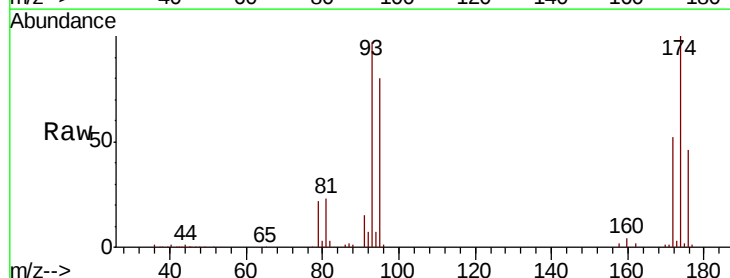
Instrument :
 MSVOA_X
 ClientSampleId :

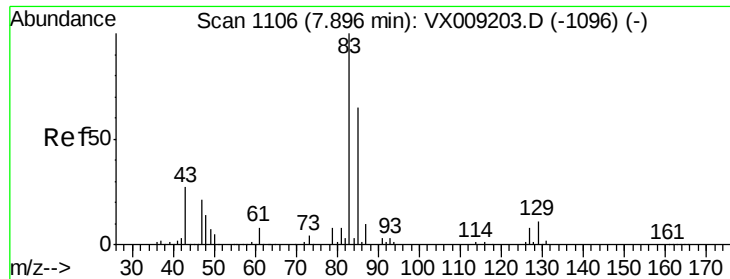
Tot Ion: 63 Resp: 106378
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.6



#46
 Dibromomethane
 Concen: 44.450 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009845.D
 Acq: 23 May 2019 08:18

Tgt Ion: 93 Resp: 60082
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.5 99.7
 174 104.2 82.1 123.1





#47

Bromodichloromethane

Concen: 45.968 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

Instrument :

MSVOA_X

ClientSampleId :

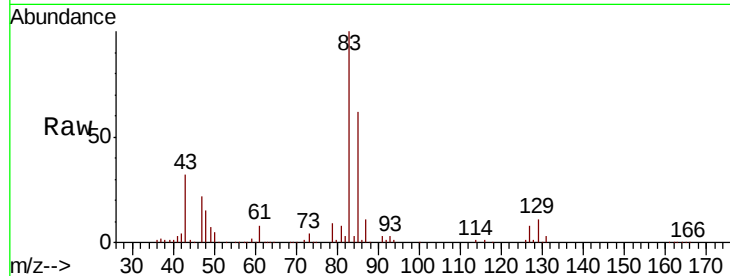
Tot Ion: 83 Resp: 123943

Ion Ratio Lower Upper

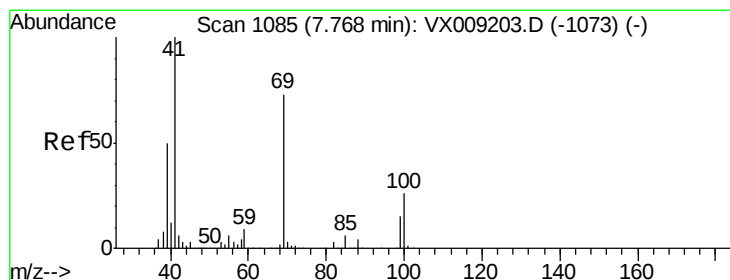
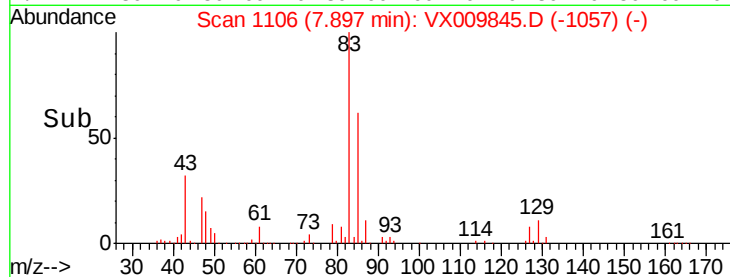
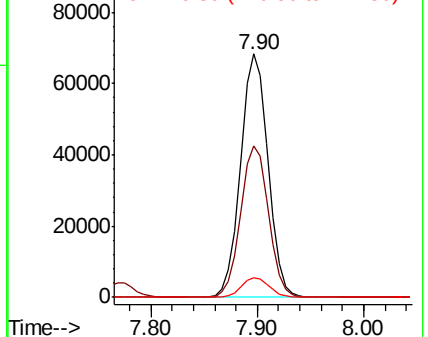
83 100

85 62.5 52.4 78.6

127 7.9 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.716 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

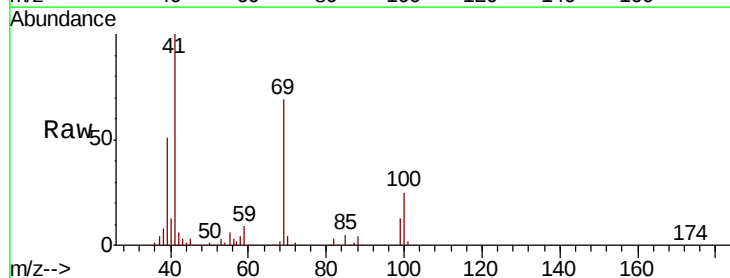
Tgt Ion: 41 Resp: 146011

Ion Ratio Lower Upper

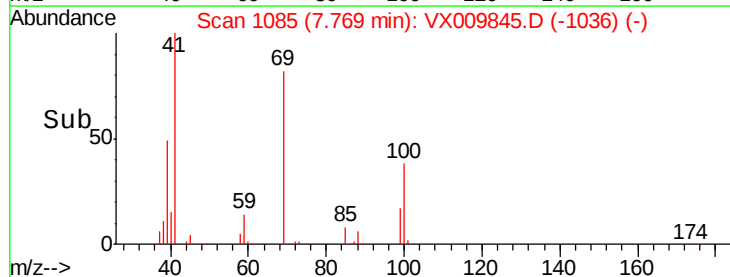
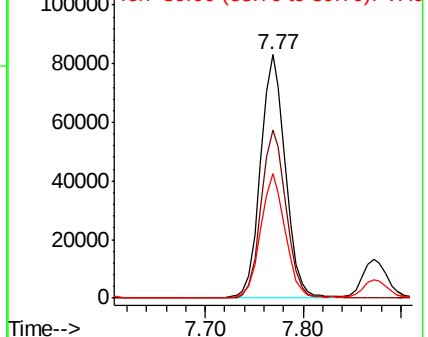
41 100

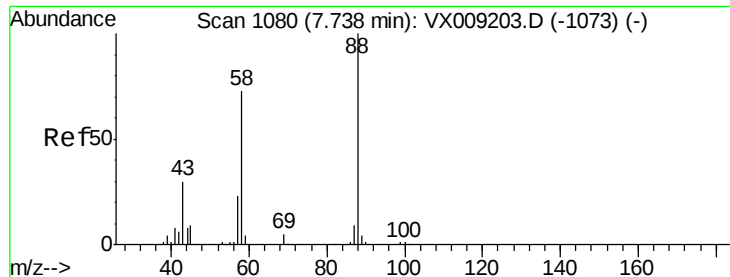
69 69.9 59.1 88.7

39 50.9 40.4 60.6



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

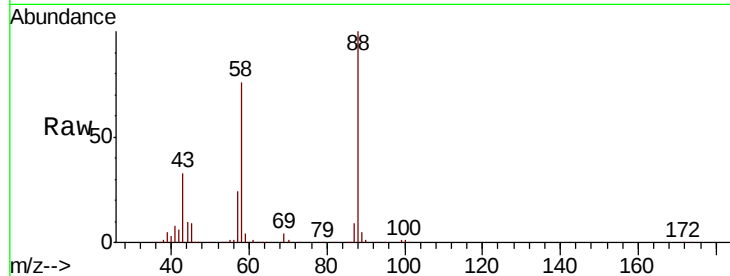




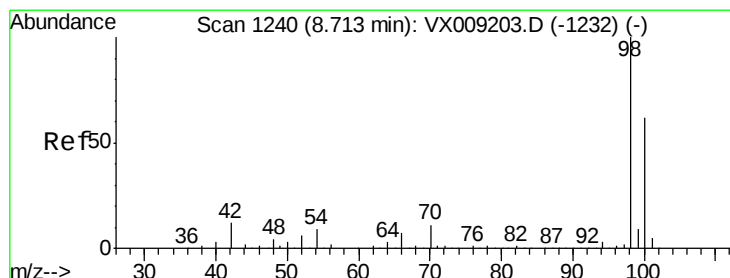
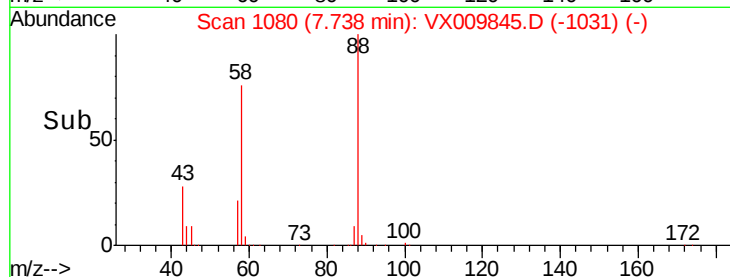
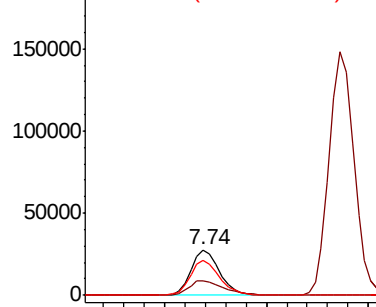
#49
1,4-Dioxane
Concen: 906.136 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 53969
Ion Ratio Lower Upper
88 100
43 38.9 28.6 42.8
58 79.6 61.7 92.5

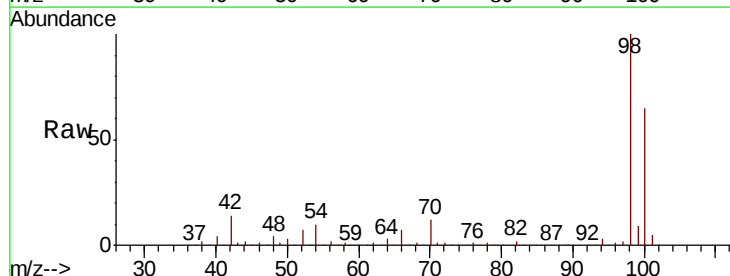


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

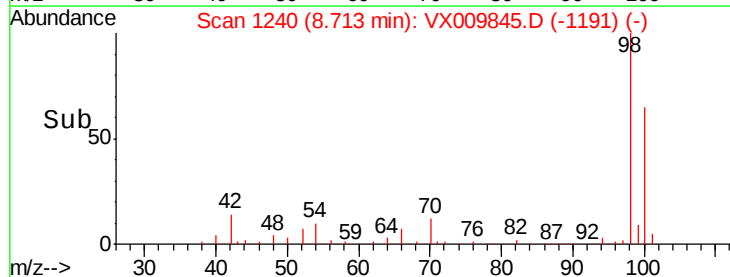
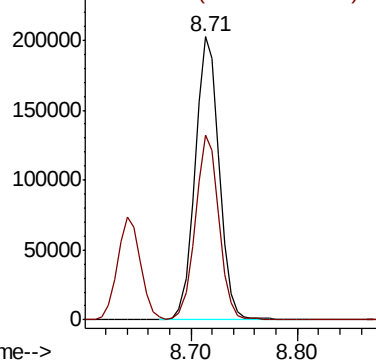


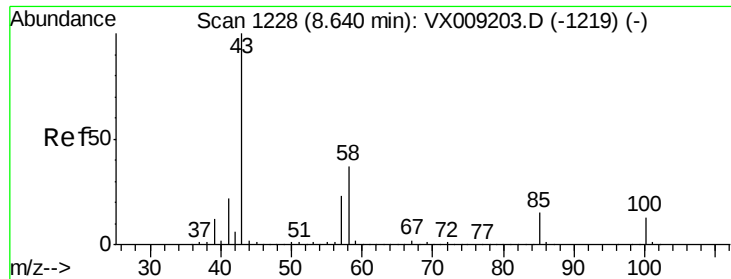
#50
Toluene-d8
Concen: 44.112 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Tgt Ion: 98 Resp: 319986
Ion Ratio Lower Upper
98 100
100 63.6 51.2 76.8



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: 245.795 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

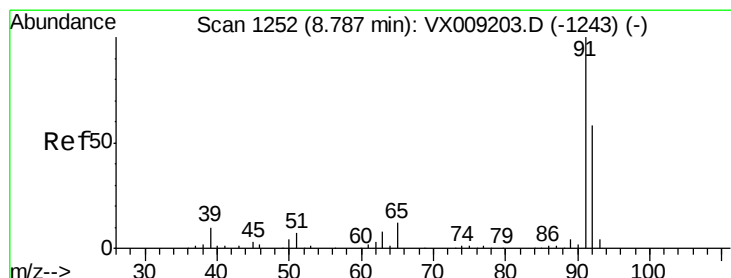
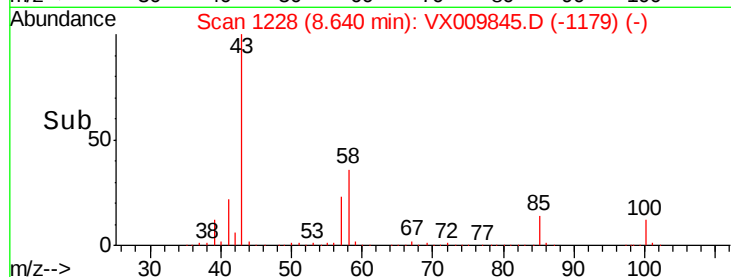
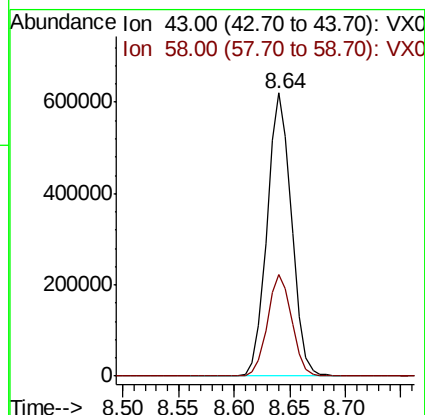
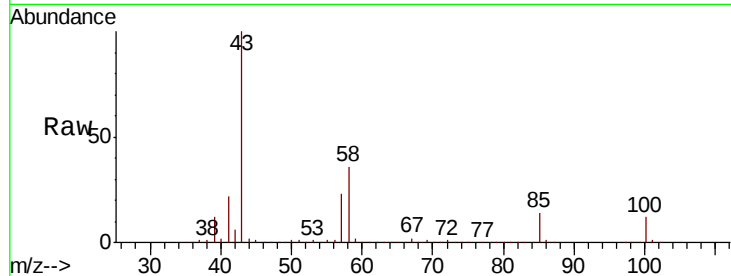
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 951031

Ion Ratio Lower Upper

43 100

58 35.7 29.5 44.3



#52

Toluene

Concen: 45.877 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009845.D

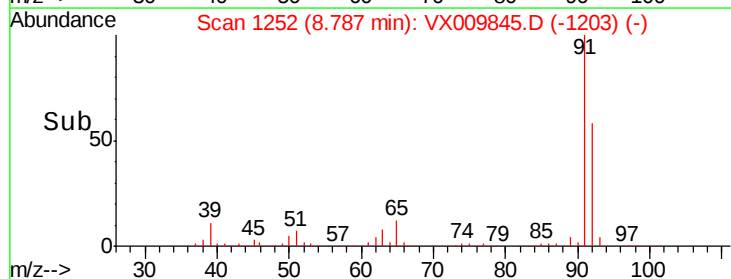
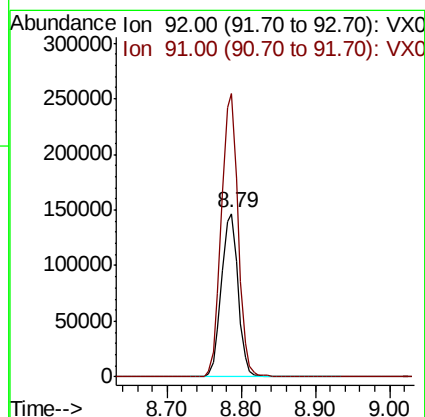
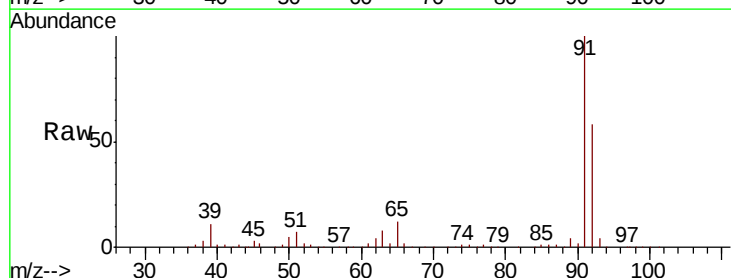
Acq: 23 May 2019 08:18

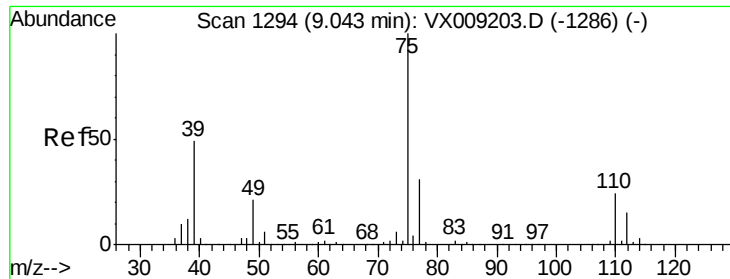
Tgt Ion: 92 Resp: 229245

Ion Ratio Lower Upper

92 100

91 173.4 138.8 208.2

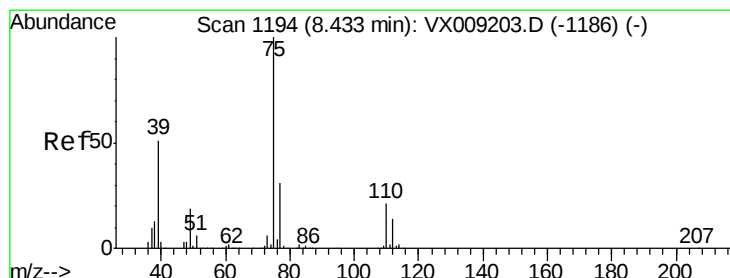
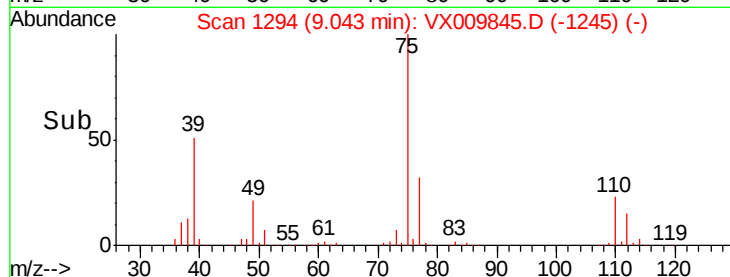
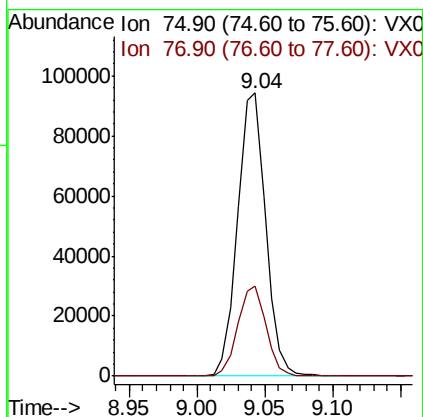
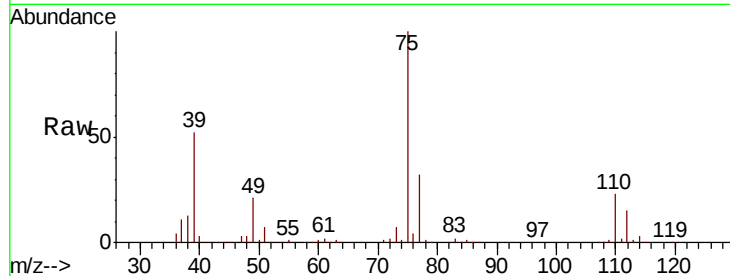




#53
t-1,3-Dichloropropene
Concen: 44.663 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

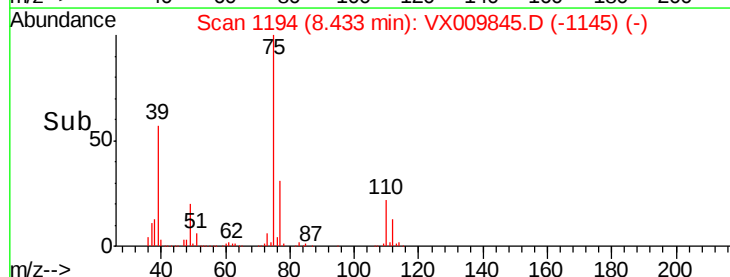
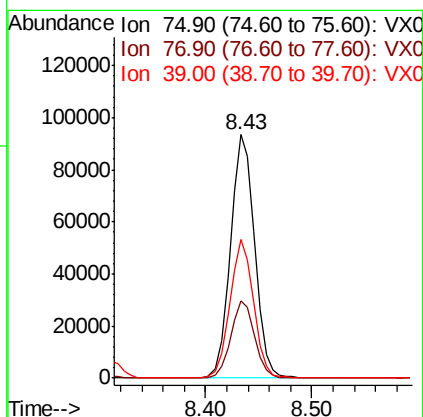
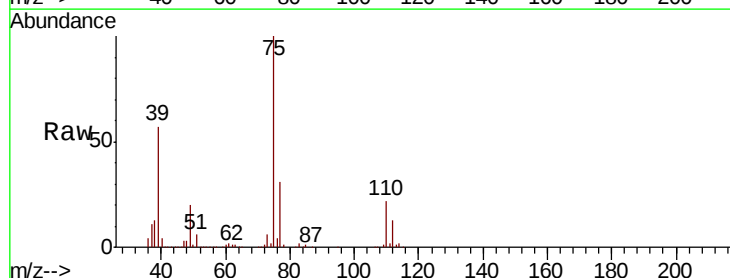
Instrument :
MSVOA_X
ClientSampled :

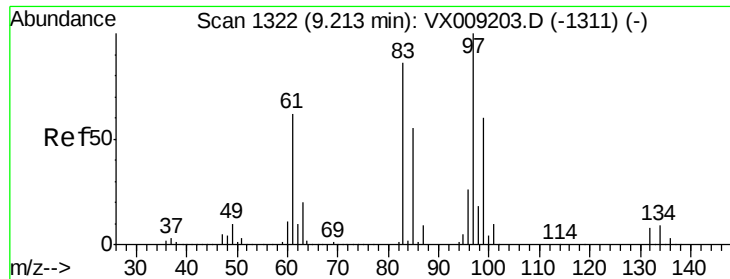
Tot Ion: 75 Resp: 135961
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 44.065 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Tgt Ion: 75 Resp: 148473
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8
39 57.1 40.6 60.8

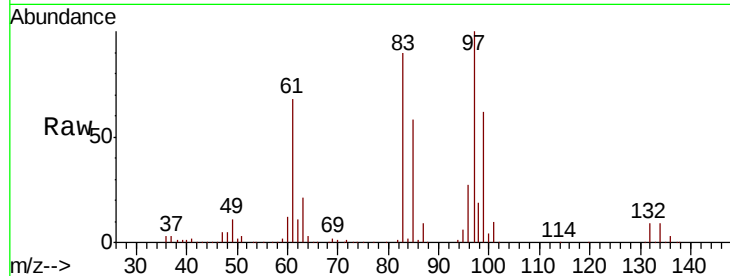




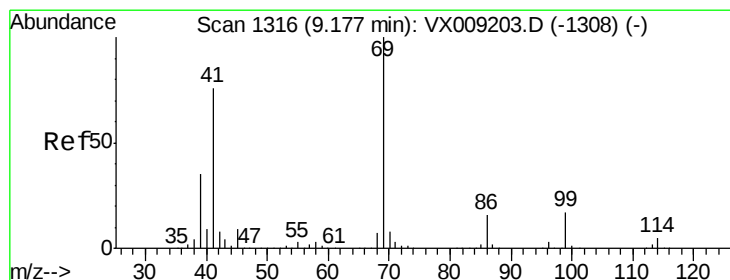
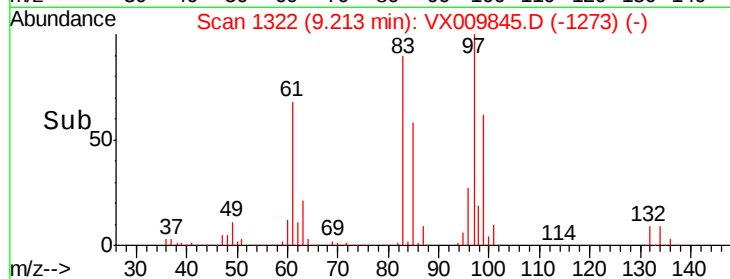
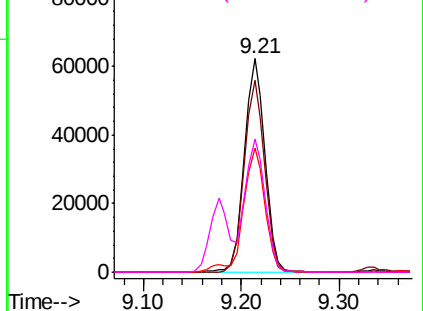
#55
 1,1,2-Trichloroethane
 Concen: 44.547 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009845.D
 Acq: 23 May 2019 08:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	90814
Ion	Ratio	Lower	Upper
97	100		
83	89.7	68.9	103.3
85	58.1	43.8	65.6
99	62.0	48.2	72.2

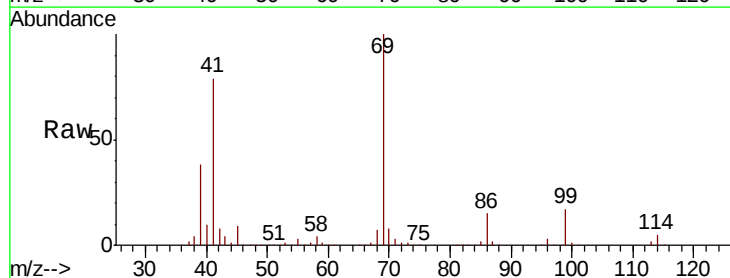


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

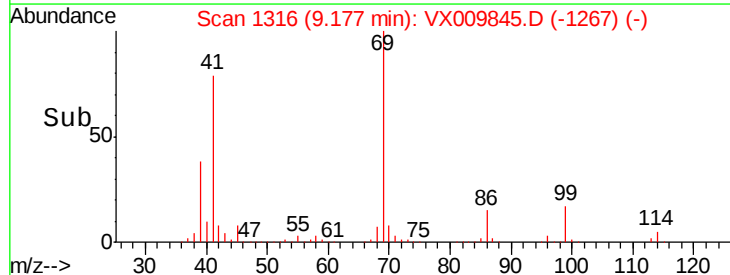
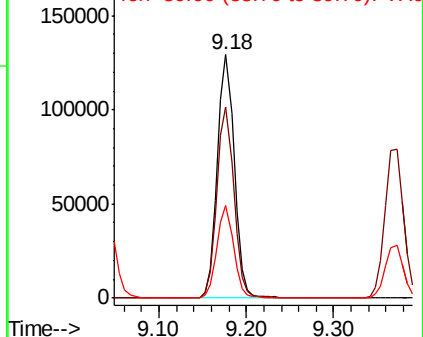


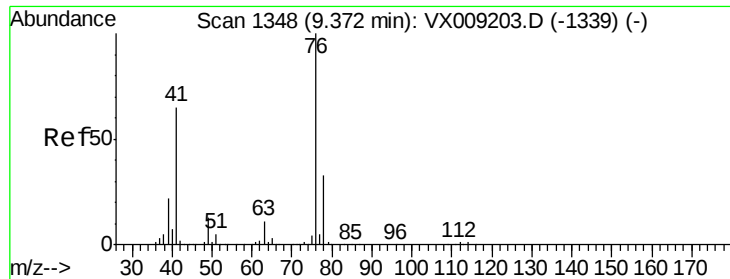
#56
 Ethyl methacrylate
 Concen: 47.830 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009845.D
 Acq: 23 May 2019 08:18

Tgt Ion:	69	Resp:	174053
Ion	Ratio	Lower	Upper
69	100		
41	78.7	60.6	90.8
39	37.2	28.2	42.4



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

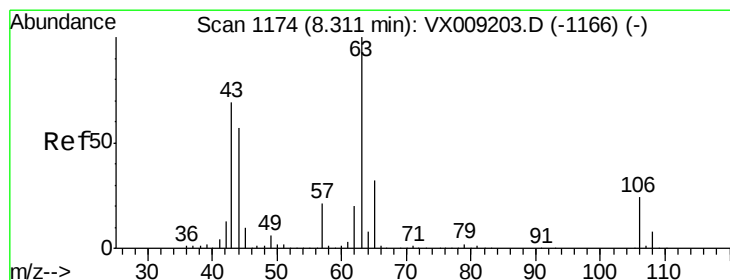
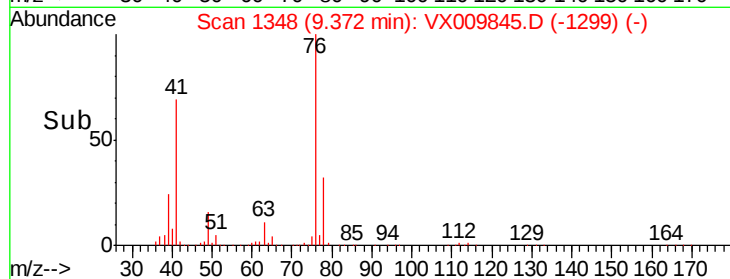
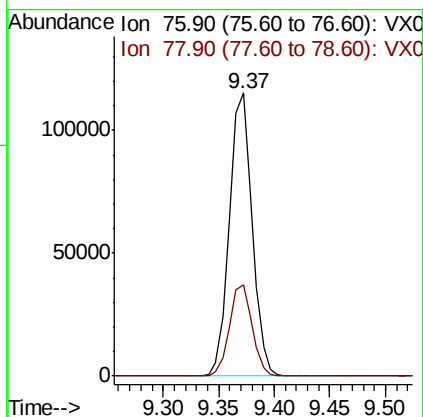
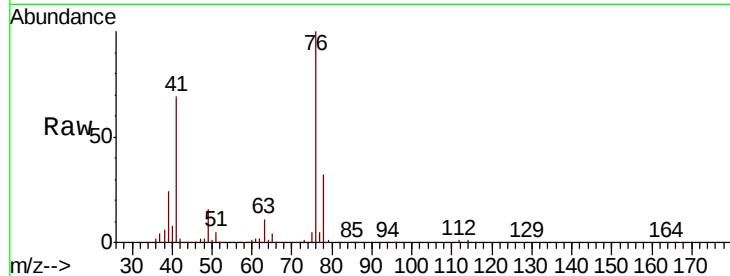




#57
 1,3-Dichloropropane
 Concen: 45.675 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009845.D
 Acq: 23 May 2019 08:18

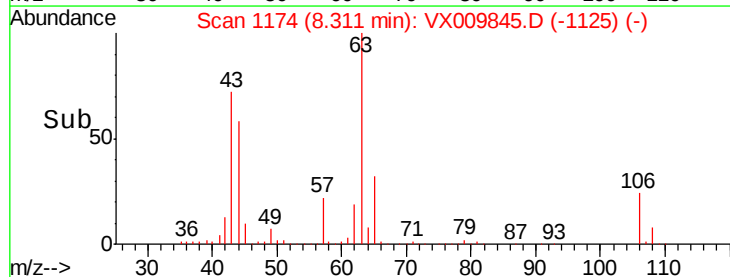
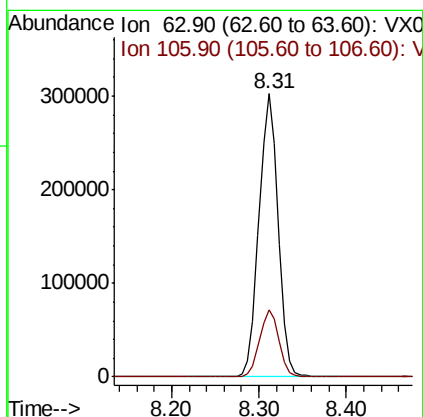
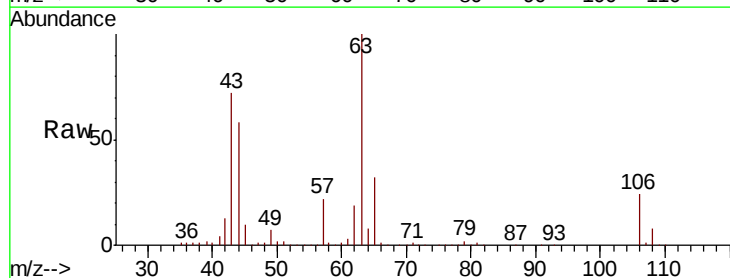
Instrument :
 MSVOA_X
 ClientSampleId :

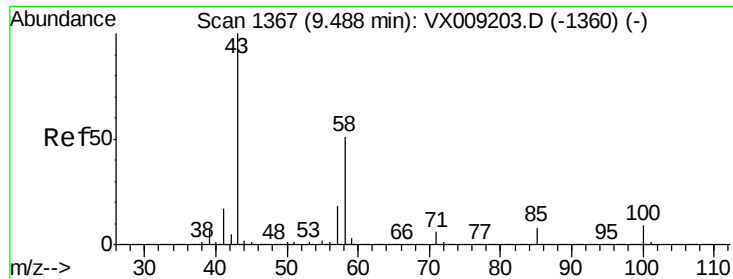
Tot Ion: 76 Resp: 163855
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.373 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX009845.D
 Acq: 23 May 2019 08:18

Tgt Ion: 63 Resp: 460177
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.7 29.5

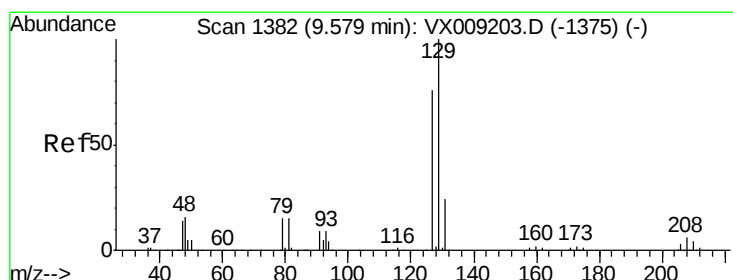
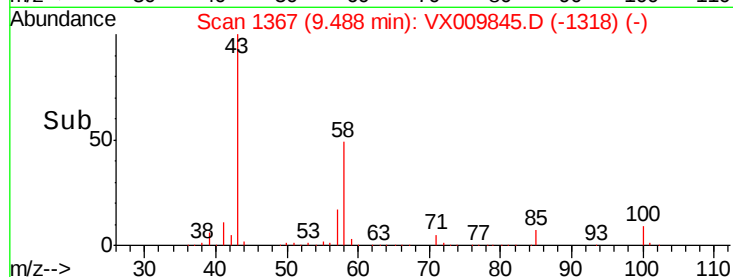
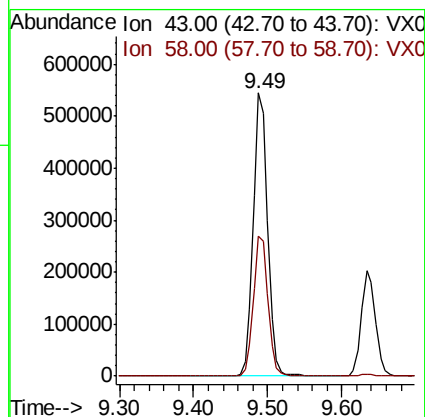
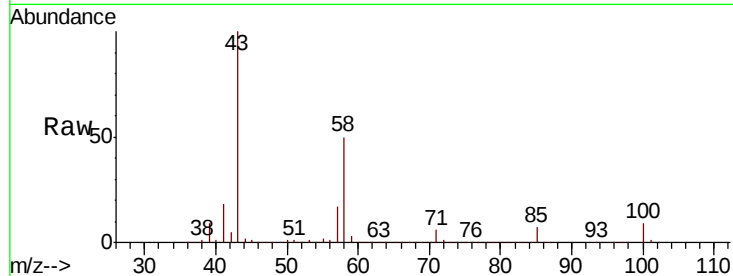




#59
2-Hexanone
Concen: 243.681 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

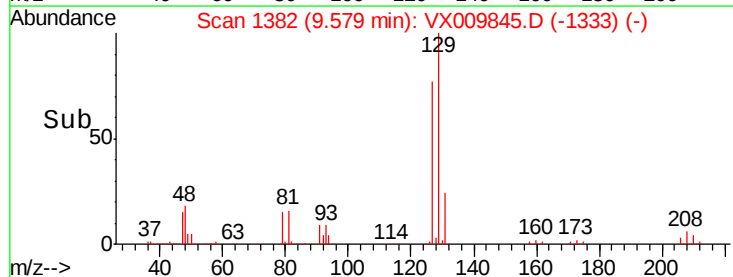
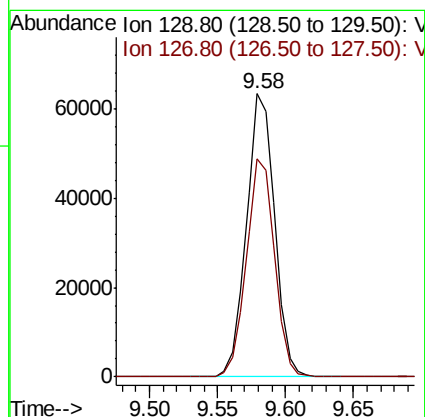
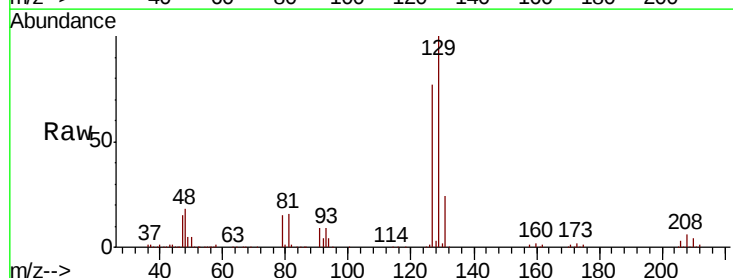
Instrument :
MSVOA_X
ClientSampleId :

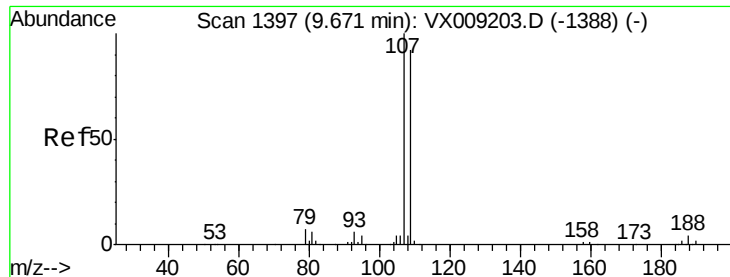
Tot Ion: 43 Resp: 740504
Ion Ratio Lower Upper
43 100
58 50.5 25.9 77.7



#60
Dibromochloromethane
Concen: 46.227 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Tgt Ion: 129 Resp: 92042
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 46.235 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

Instrument :

MSVOA_X

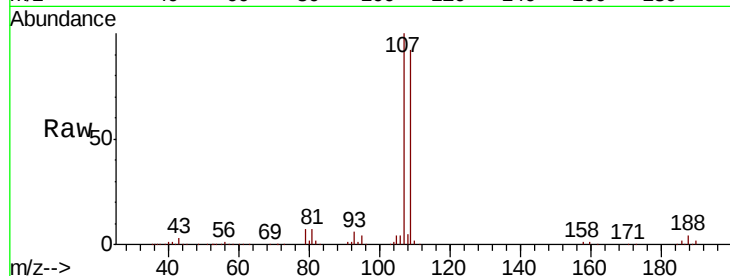
ClientSampleId :

Tot Ion:107 Resp: 95144

Ion Ratio Lower Upper

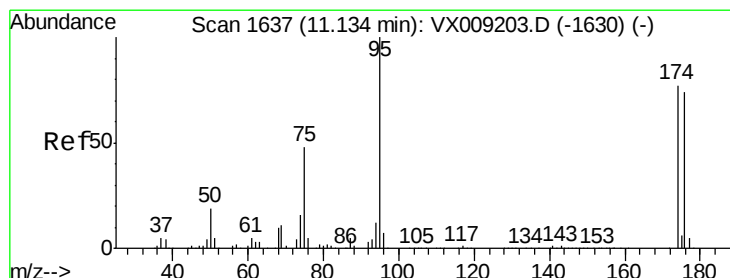
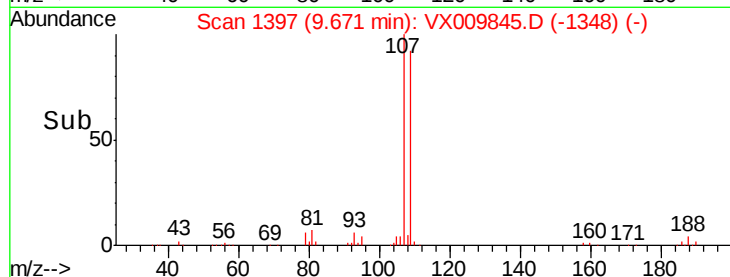
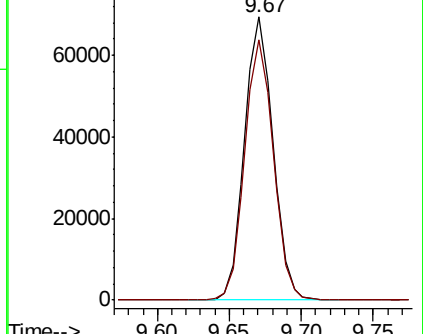
107 100

109 92.6 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.893 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

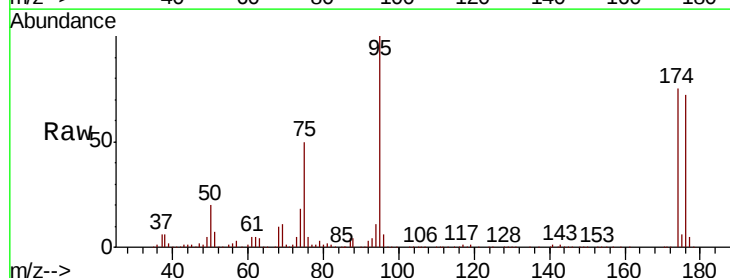
Tgt Ion: 95 Resp: 120967

Ion Ratio Lower Upper

95 100

174 80.8 0.0 161.6

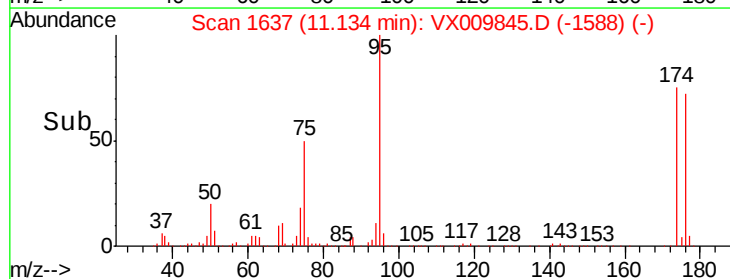
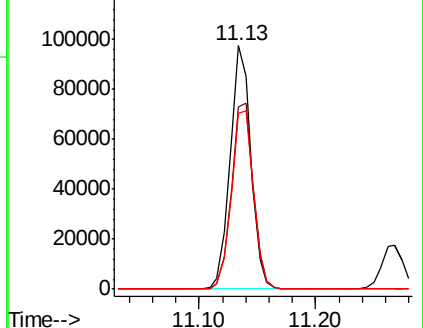
176 78.5 0.0 159.2

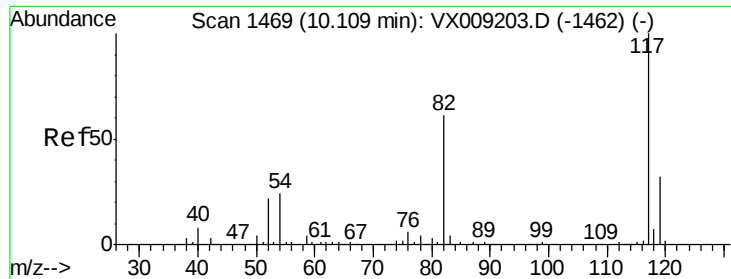


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

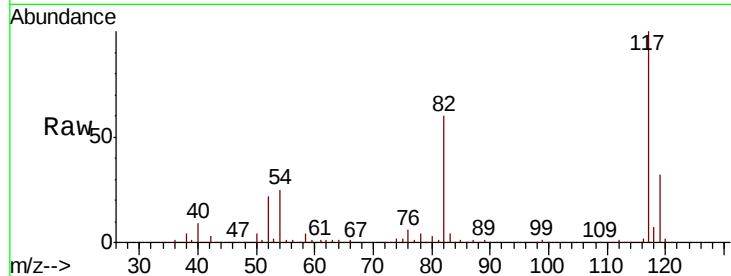




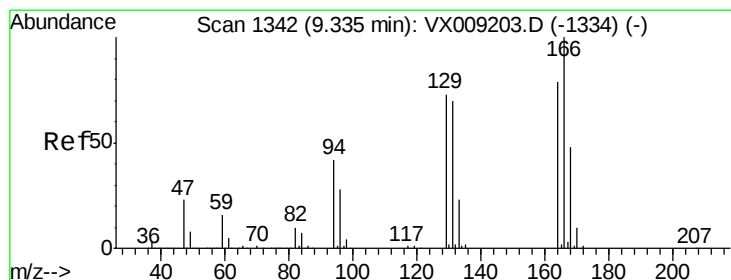
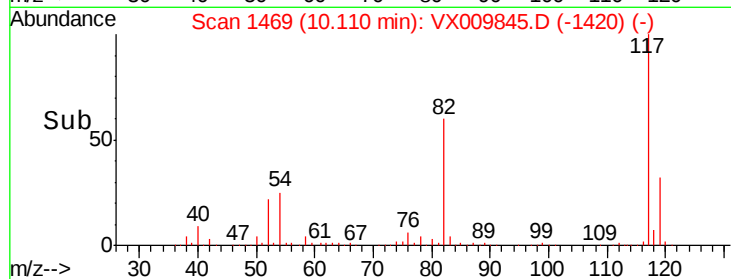
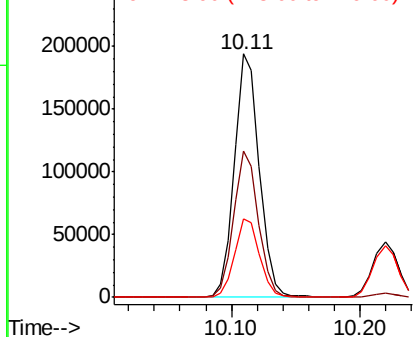
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 262052
Ion Ratio Lower Upper
117 100
82 60.1 48.8 73.2
119 32.3 25.8 38.6

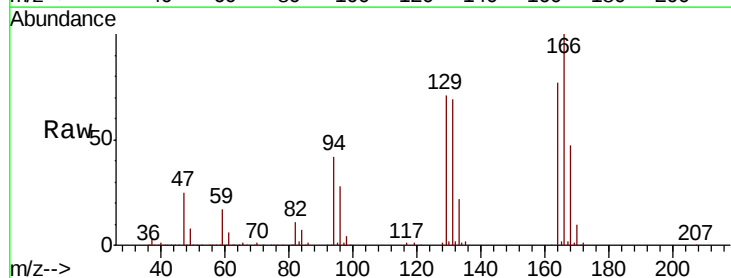


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

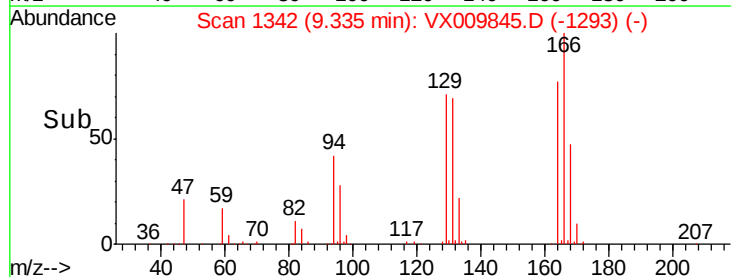
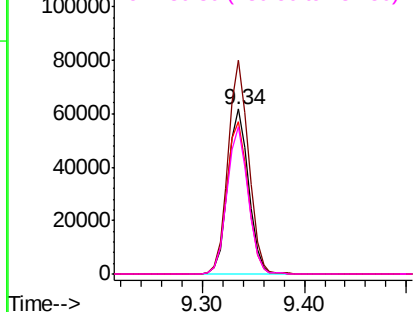


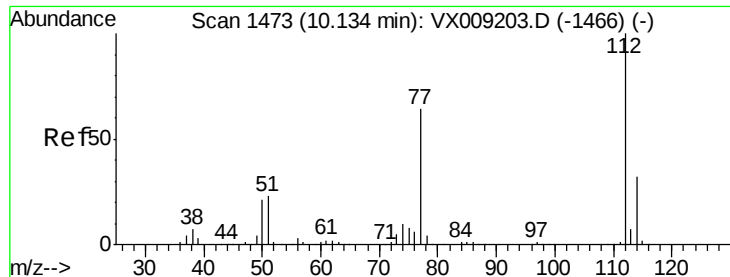
#64
Tetrachloroethene
Concen: 48.138 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Tgt Ion:164 Resp: 86531
Ion Ratio Lower Upper
164 100
166 129.7 101.2 151.8
129 92.4 74.3 111.5
131 89.6 71.0 106.6



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

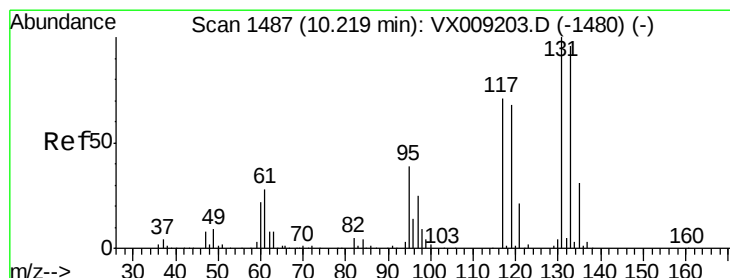
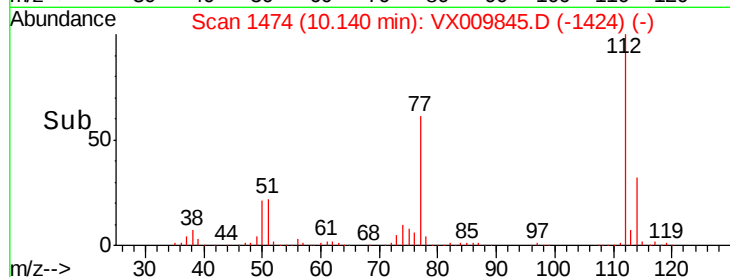
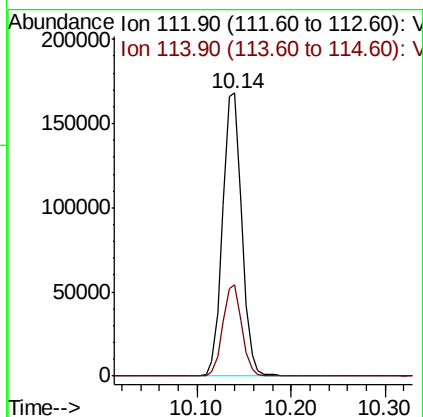
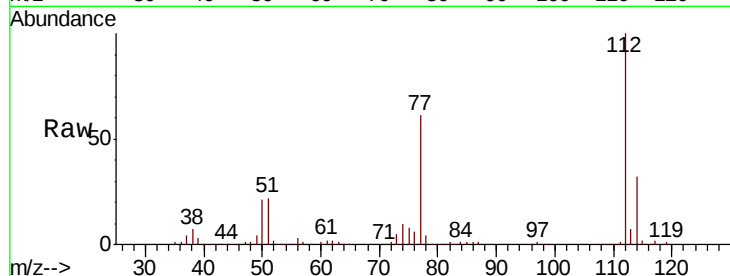




#65
Chlorobenzene
Concen: 45.384 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

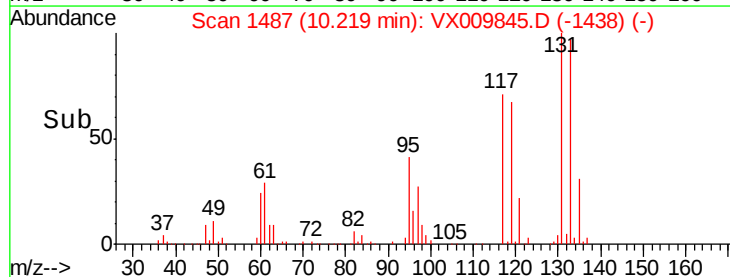
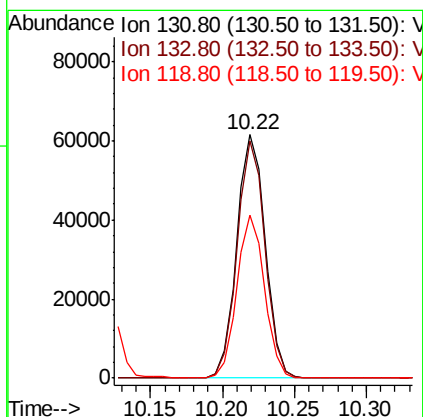
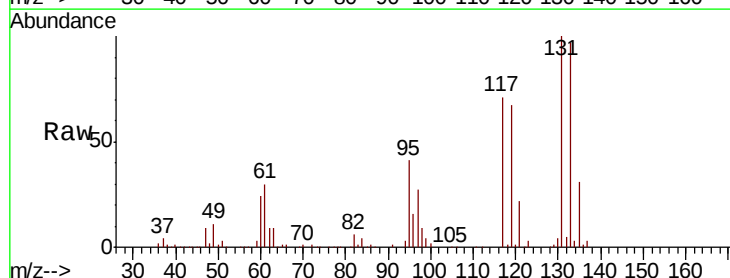
Instrument :
MSVOA_X
ClientSampleId :

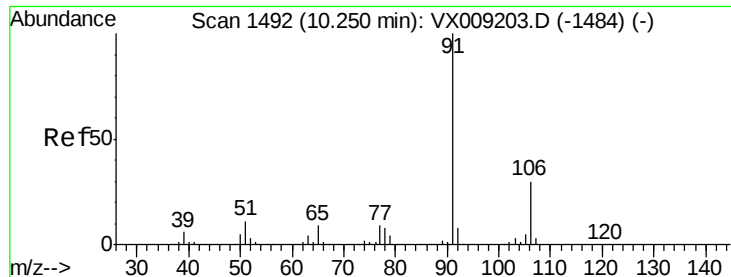
Tot Ion:112 Resp: 237915
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 44.575 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Tgt Ion:131 Resp: 84715
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 65.4 33.5 100.4

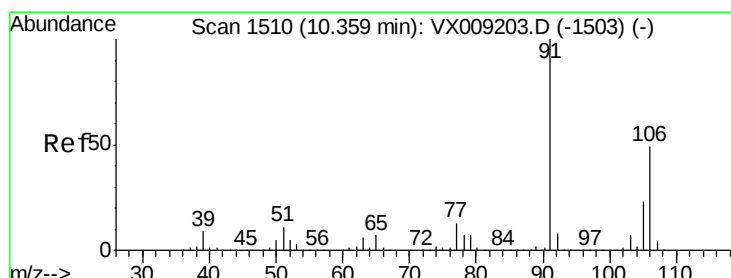
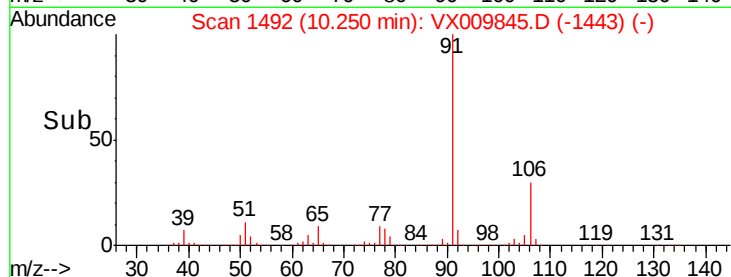
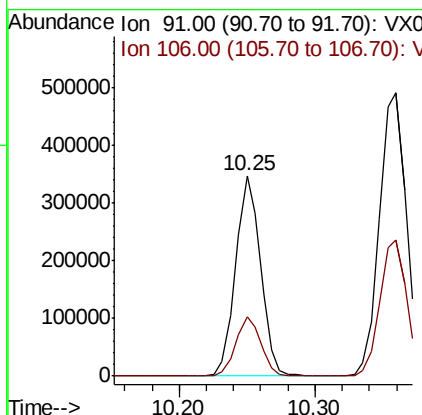
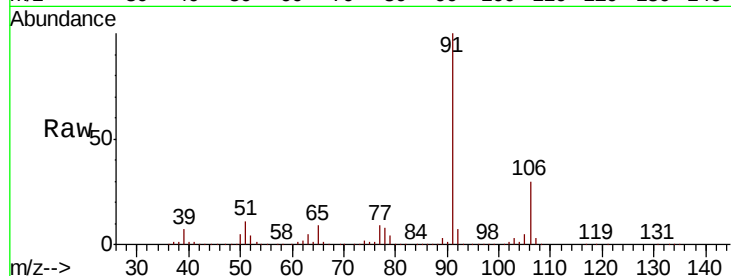




#67
Ethyl Benzene
Concen: 46.157 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

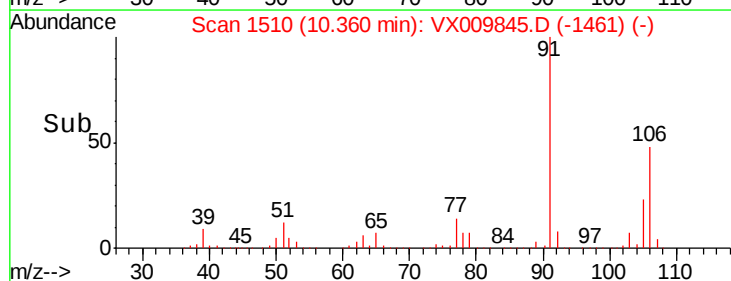
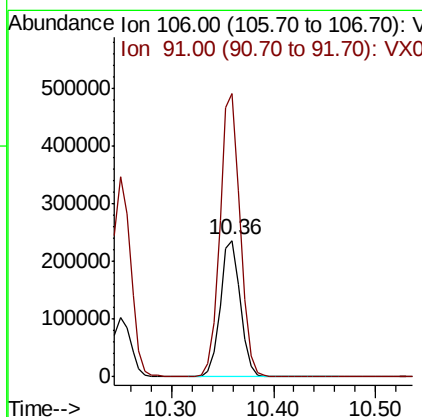
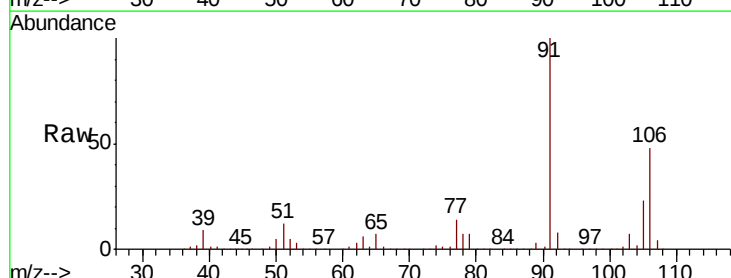
Instrument :
MSVOA_X
ClientSampleId :

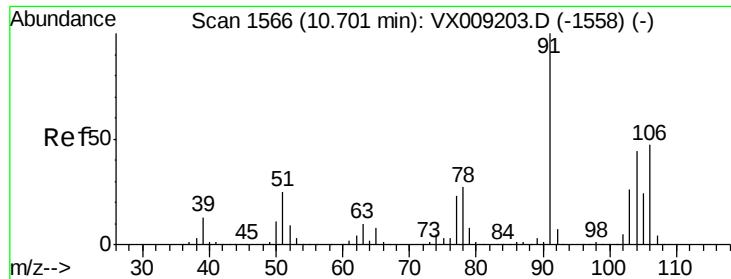
Tot Ion: 91 Resp: 445306
Ion Ratio Lower Upper
91 100
106 29.9 24.0 36.0



#68
m/p-Xylenes
Concen: 92.441 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Tgt Ion: 106 Resp: 325908
Ion Ratio Lower Upper
106 100
91 208.9 164.0 246.0

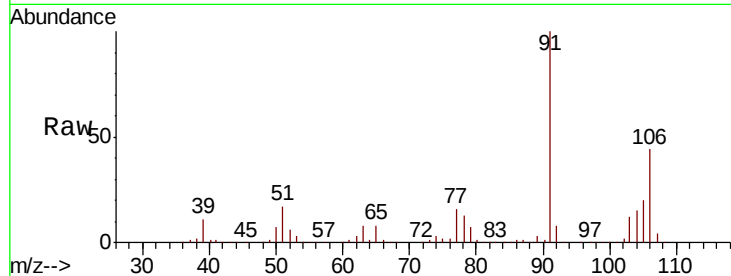




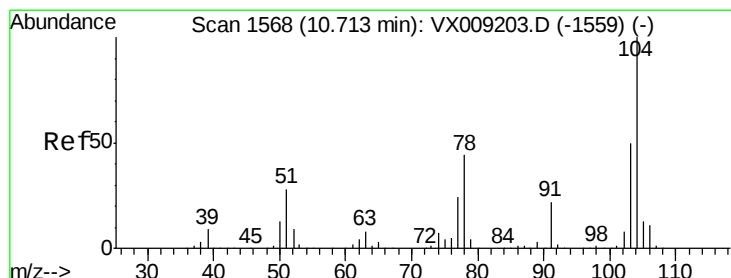
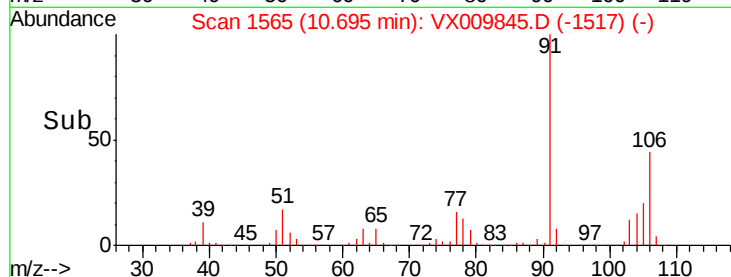
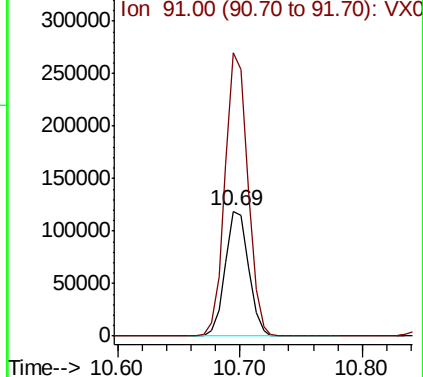
#69
o-Xylene
Concen: 45.131 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 156988
Ion Ratio Lower Upper
106 100
91 222.4 109.5 328.4

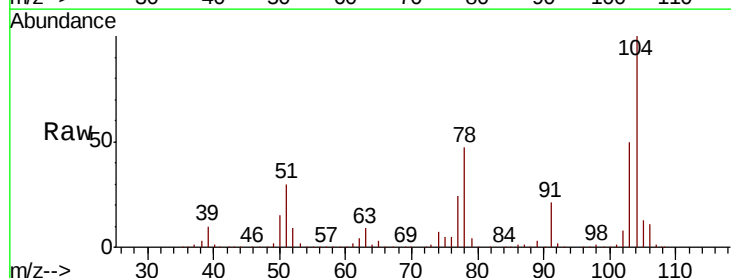


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

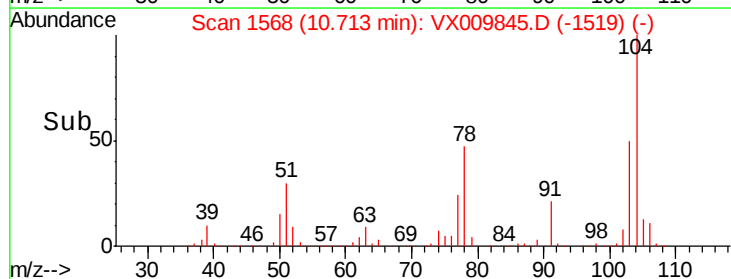
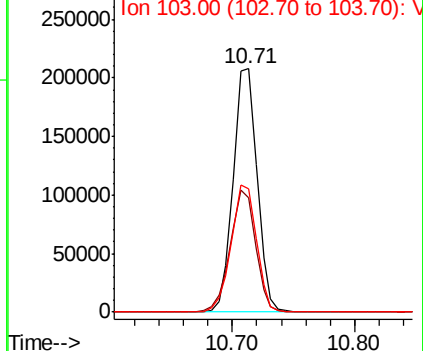


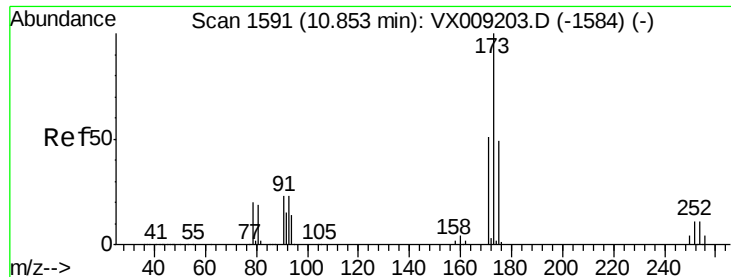
#70
Styrene
Concen: 46.460 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Tgt Ion:104 Resp: 280889
Ion Ratio Lower Upper
104 100
78 53.3 41.0 61.4
103 55.4 43.8 65.6



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

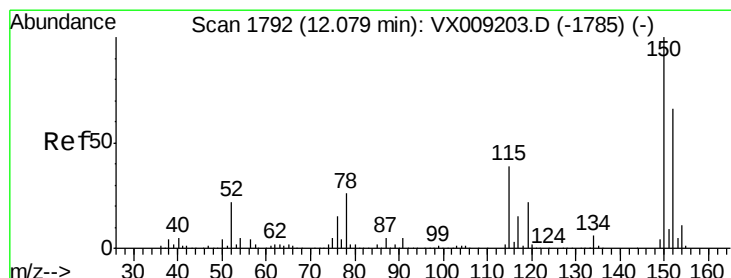
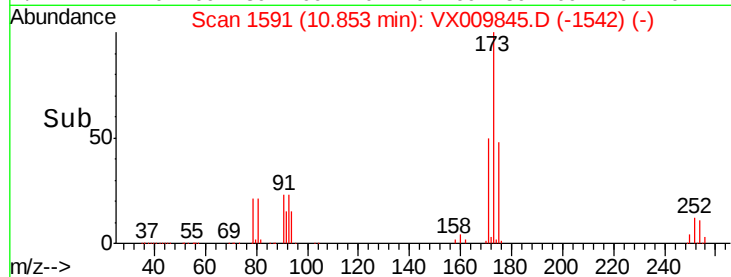
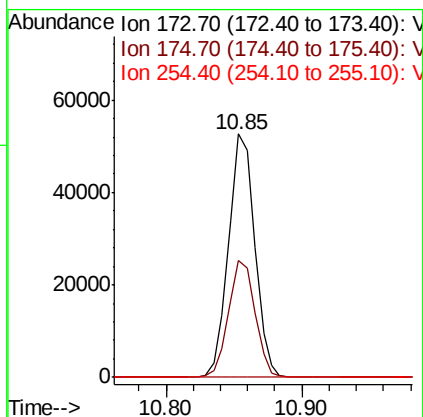
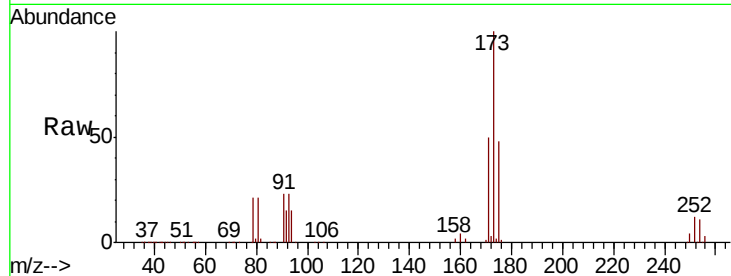




#71
Bromoform
Concen: 45.918 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

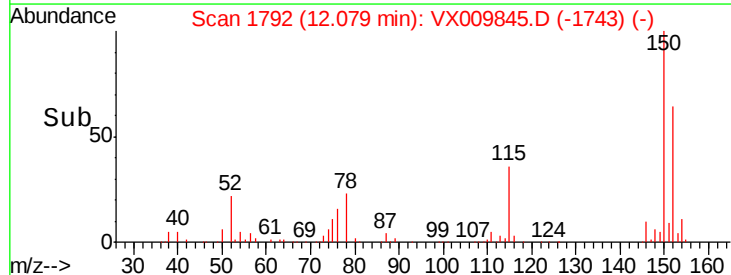
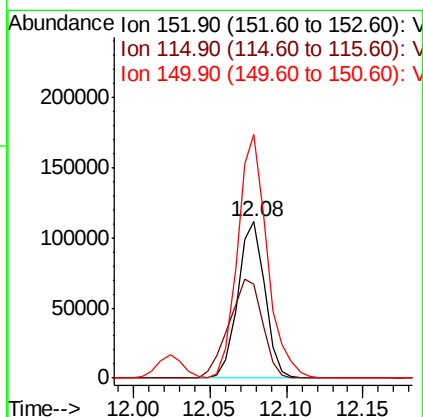
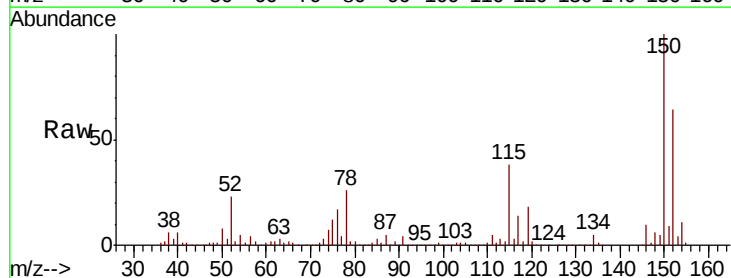
Instrument :
MSVOA_X
ClientSampleId :

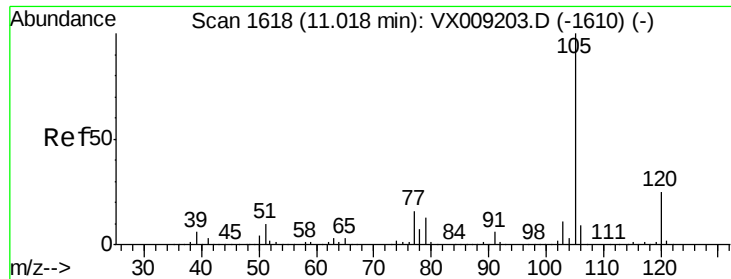
Tot Ion:173 Resp: 70919
Ion Ratio Lower Upper
173 100
175 48.5 24.5 73.5
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Tgt Ion:152 Resp: 135683
Ion Ratio Lower Upper
152 100
115 79.3 41.2 123.6
150 170.5 0.0 346.4





#73

Isopropylbenzene

Concen: 42.559 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

Instrument :

MSVOA_X

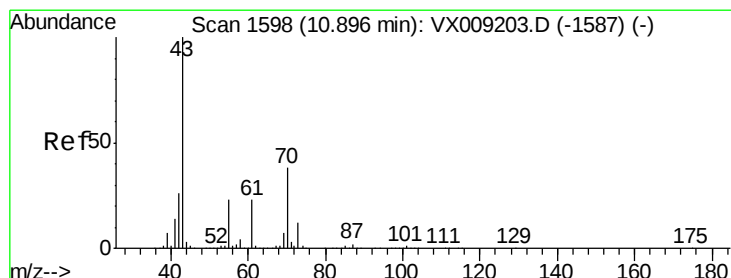
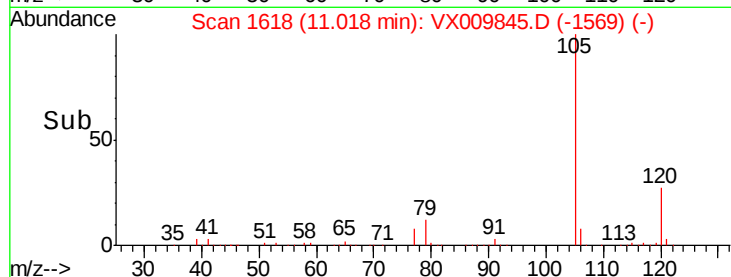
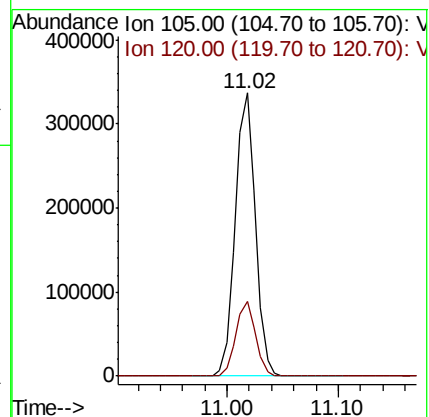
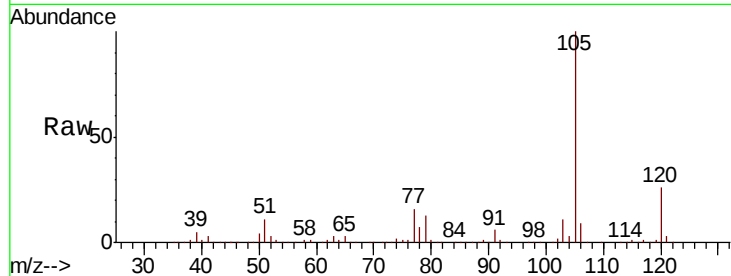
ClientSampleId :

Tot Ion:105 Resp: 419918

Ion Ratio Lower Upper

105 100

120 26.0 12.8 38.3



#74

N-ethyl acetate

Concen: 46.731 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

Tgt Ion: 43 Resp: 268817

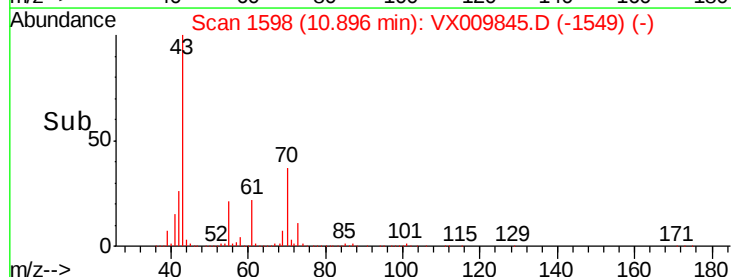
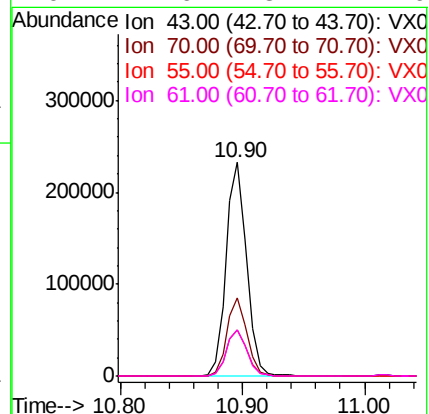
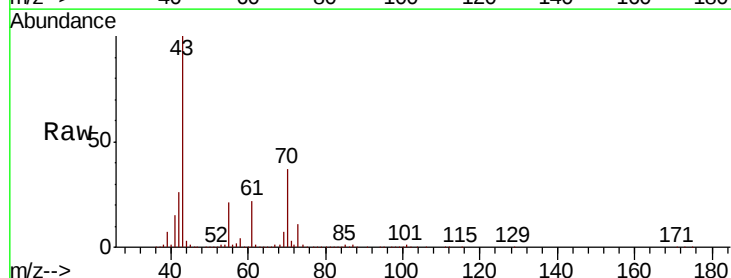
Ion Ratio Lower Upper

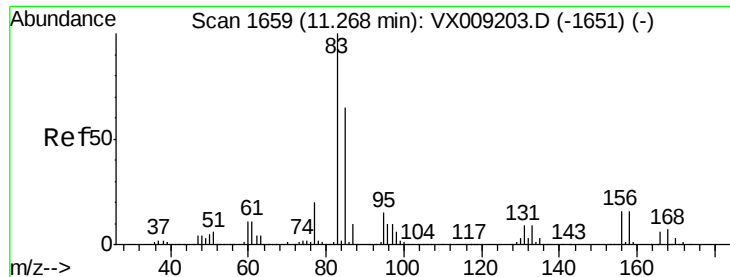
43 100

70 35.9 30.0 45.0

55 22.0 17.9 26.9

61 21.6 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 42.179 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

Instrument :

MSVOA_X

ClientSampleId :

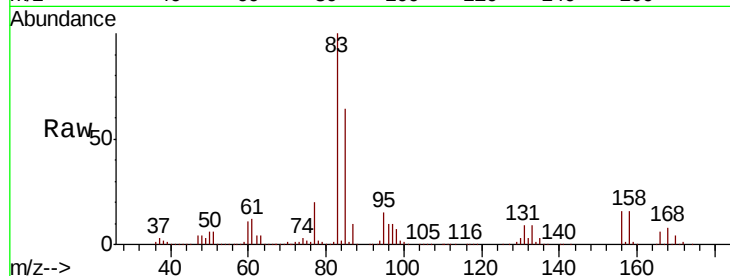
Tot Ion: 83 Resp: 155142

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

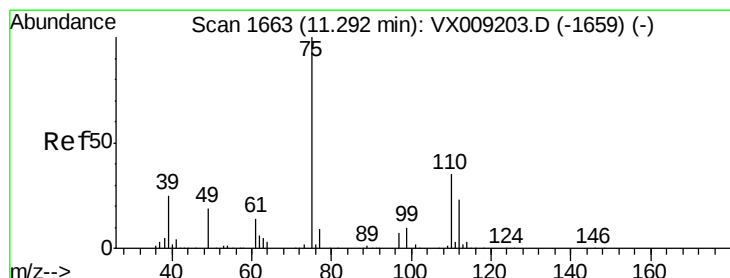
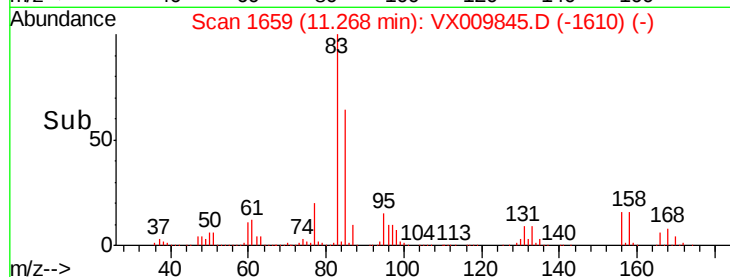
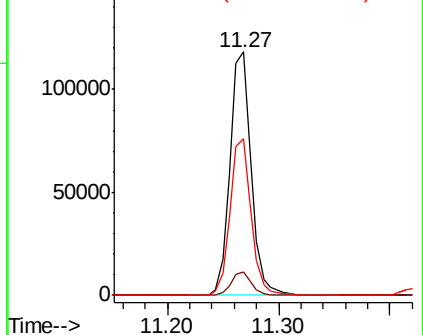
85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 56.854 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009845.D

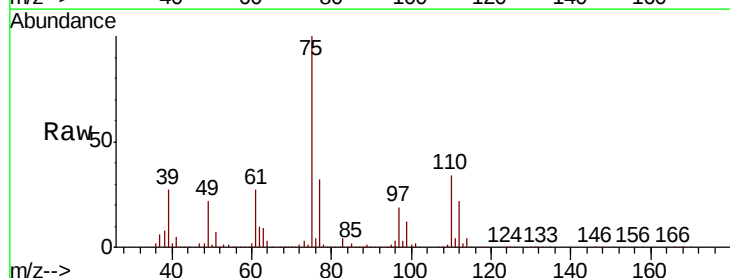
Acq: 23 May 2019 08:18

Tgt Ion: 75 Resp: 178940

Ion Ratio Lower Upper

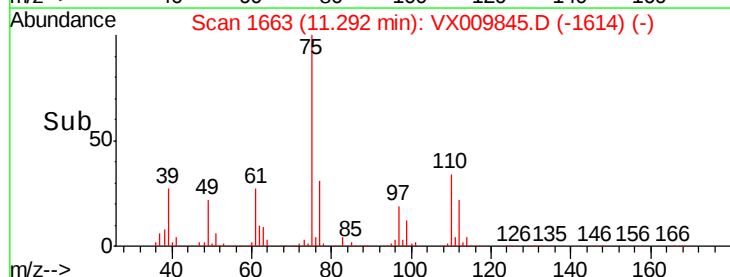
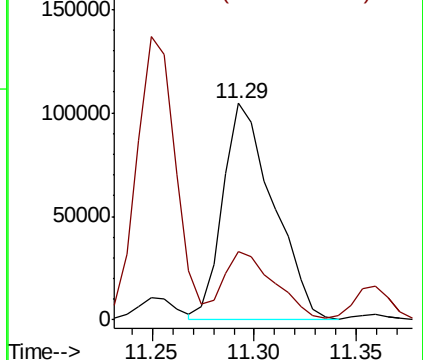
75 100

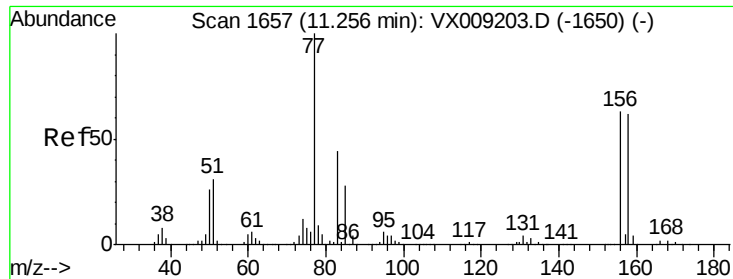
77 31.9 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 43.178 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

Instrument :

MSVOA_X

ClientSampleId :

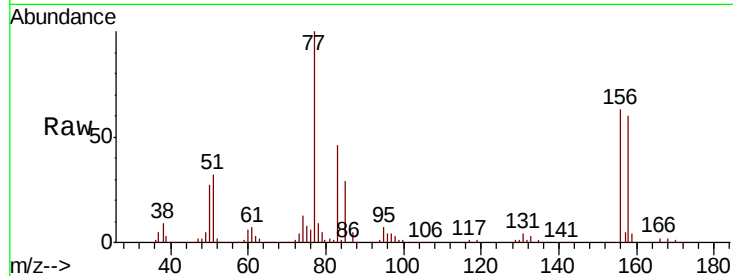
Tot Ion:156 Resp: 105740

Ion Ratio Lower Upper

156 100

77 170.4 84.8 254.3

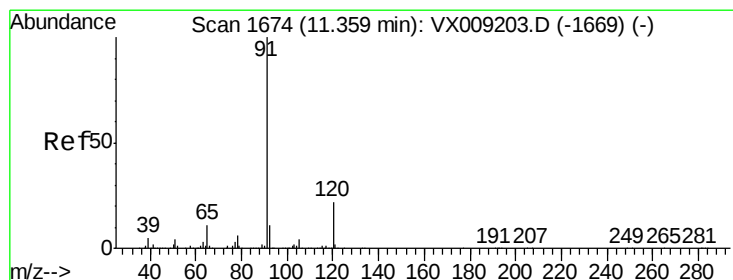
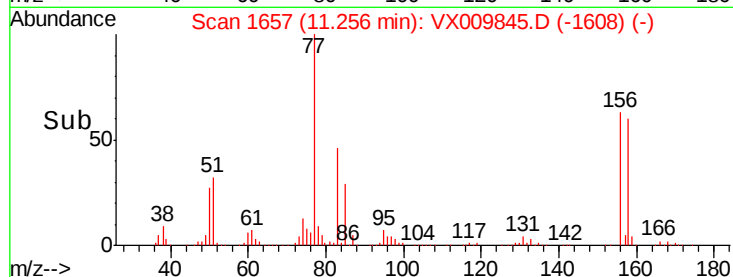
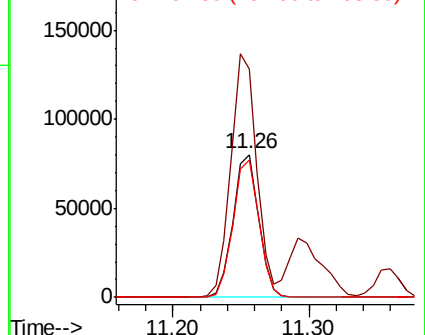
158 96.8 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.381 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009845.D

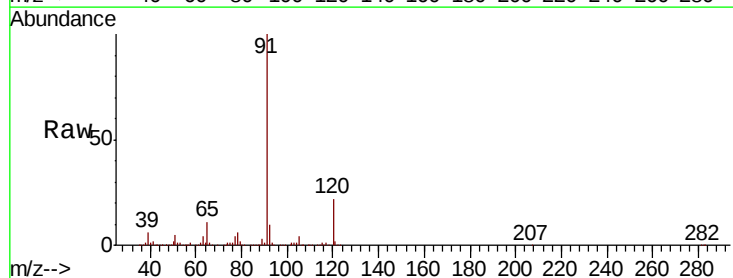
Acq: 23 May 2019 08:18

Tgt Ion: 91 Resp: 500093

Ion Ratio Lower Upper

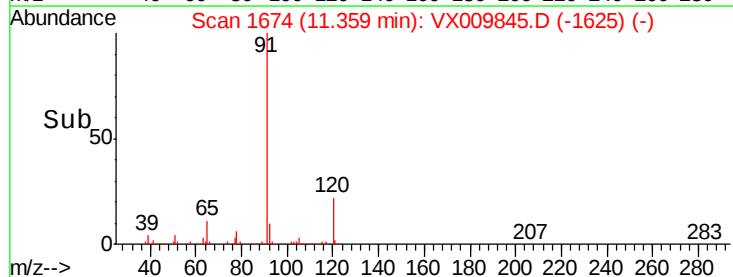
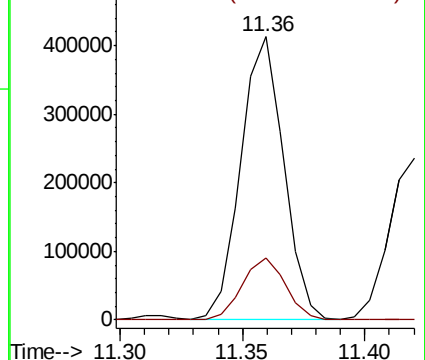
91 100

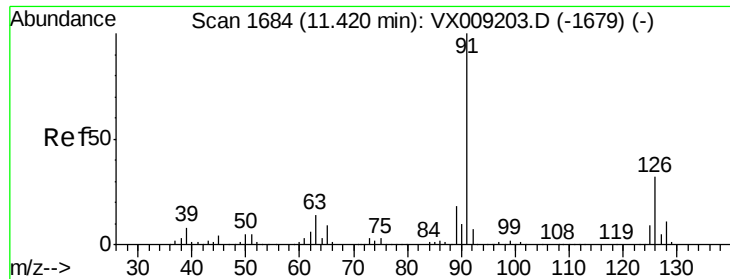
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

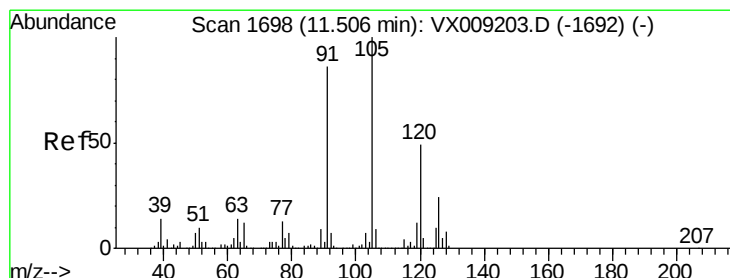
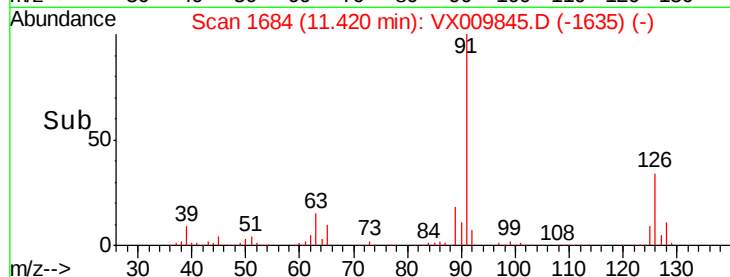
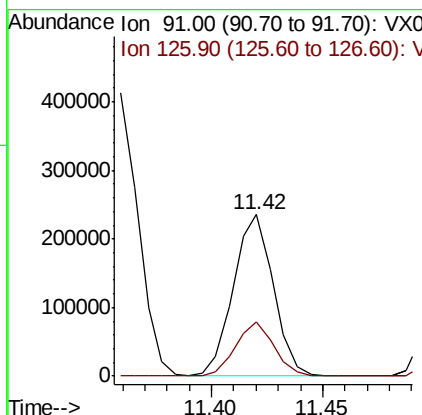
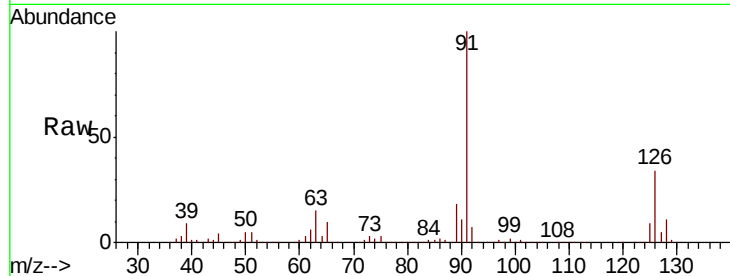




#79
 2-Chlorotoluene
 Concen: 42.295 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009845.D
 Acq: 23 May 2019 08:18

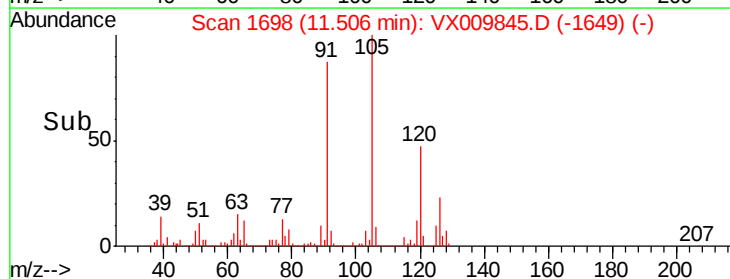
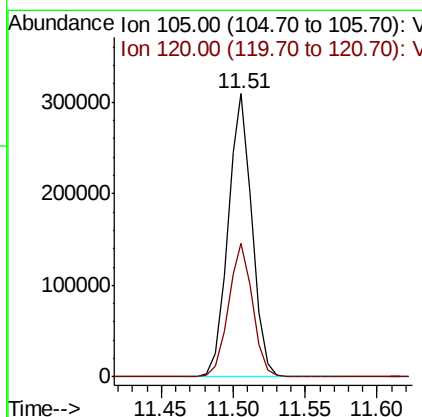
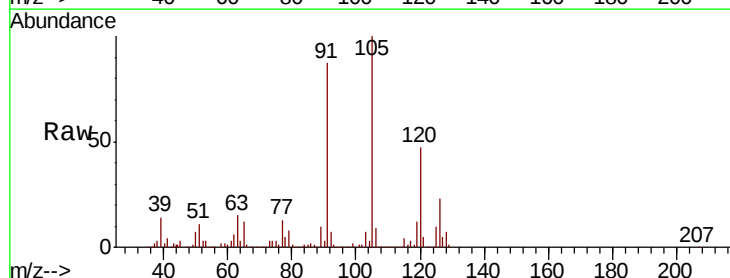
Instrument :
 MSVOA_X
 ClientSampled :

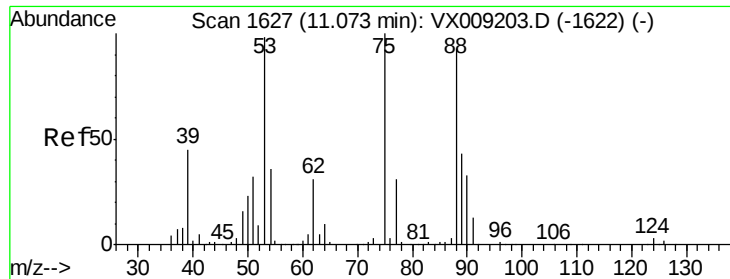
Tot Ion: 91 Resp: 294034
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 43.325 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009845.D
 Acq: 23 May 2019 08:18

Tgt Ion:105 Resp: 359932
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 37.350 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

Instrument :

MSVOA_X

ClientSampleId :

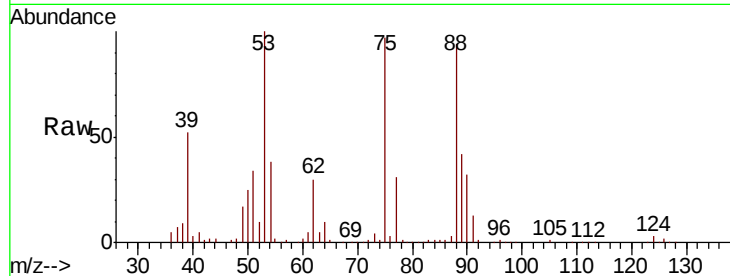
Tot Ion: 75 Resp: 45944

Ion Ratio Lower Upper

75 100

53 103.2 79.0 118.6

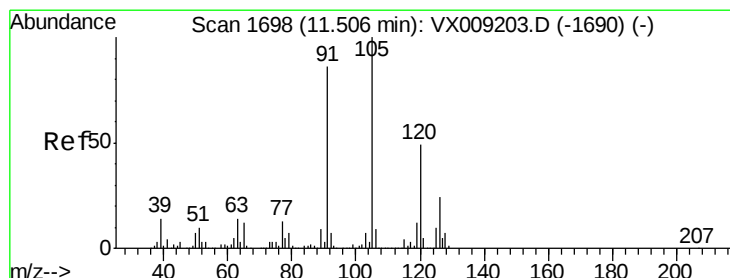
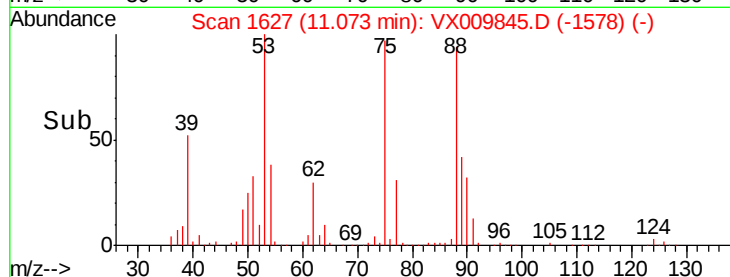
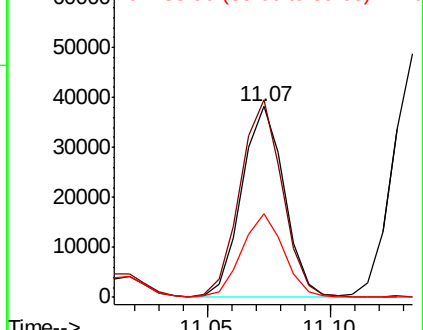
89 43.5 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 44.078 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009845.D

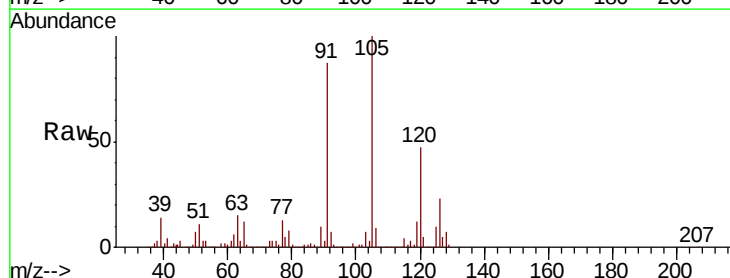
Acq: 23 May 2019 08:18

Tgt Ion: 91 Resp: 346177

Ion Ratio Lower Upper

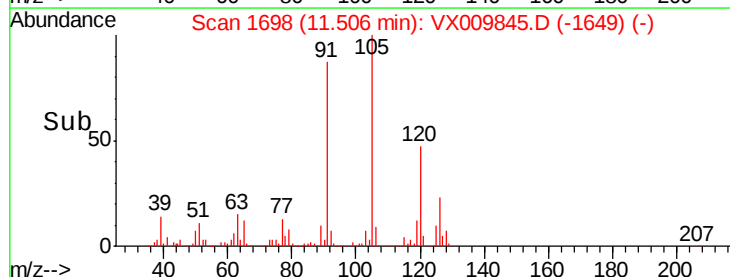
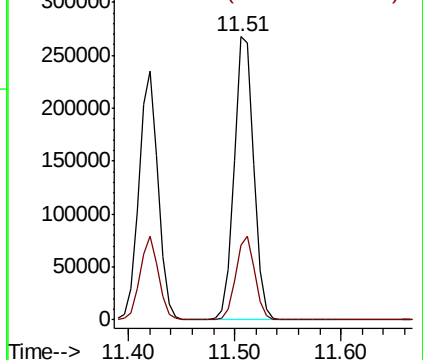
91 100

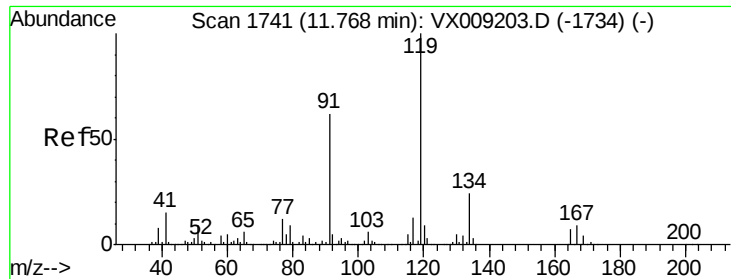
126 28.6 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

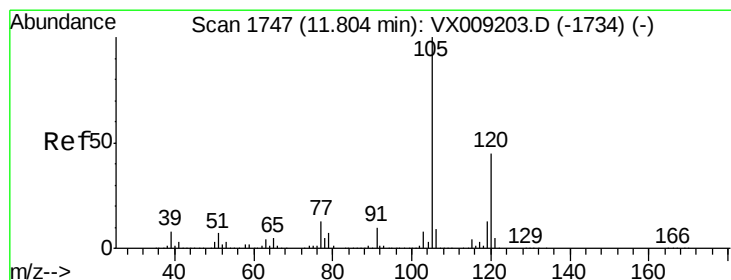
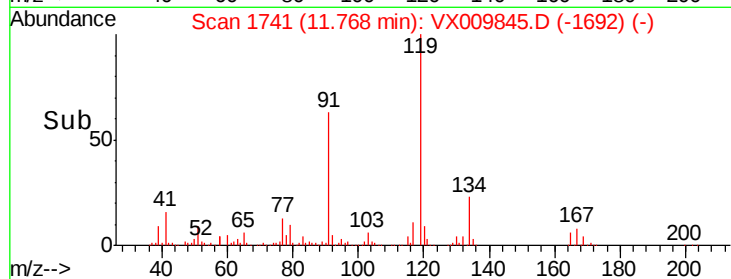
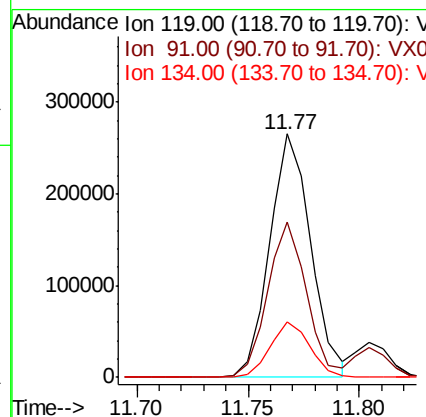
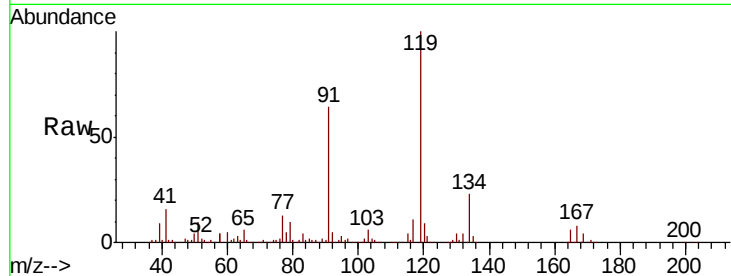




#83
 tert-Butylbenzene
 Concen: 42.022 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009845.D
 Acq: 23 May 2019 08:18

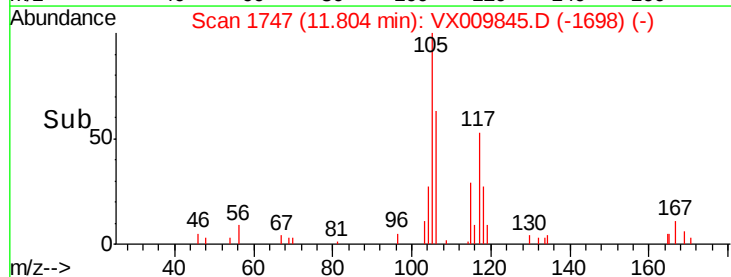
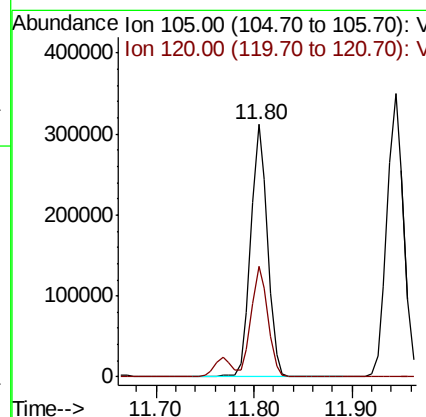
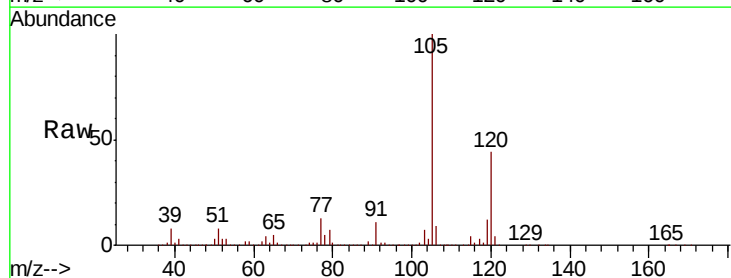
Instrument :
 MSVOA_X
 ClientSampleId :

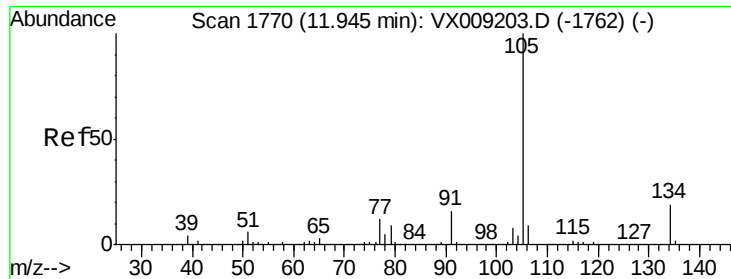
Tot Ion:119 Resp: 339615
 Ion Ratio Lower Upper
 119 100
 91 60.7 29.5 88.5
 134 22.1 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 44.375 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009845.D
 Acq: 23 May 2019 08:18

Tgt Ion:105 Resp: 370043
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 43.216 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

Instrument :

MSVOA_X

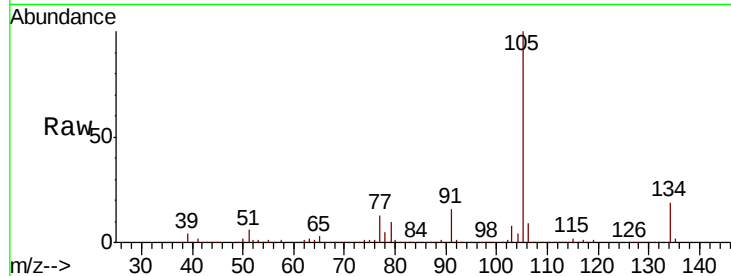
ClientSampled :

Tot Ion:105 Resp: 414072

Ion Ratio Lower Upper

105 100

134 19.1 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

400000

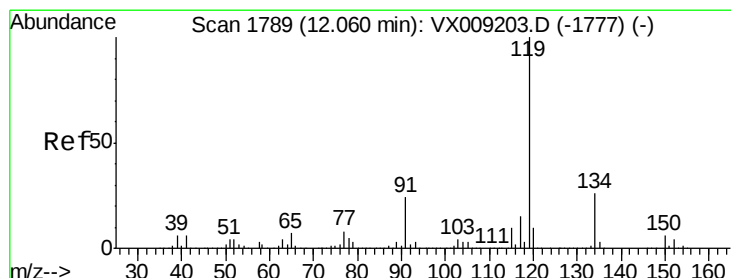
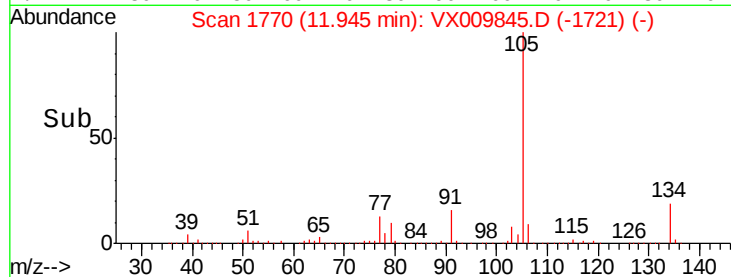
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 43.584 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

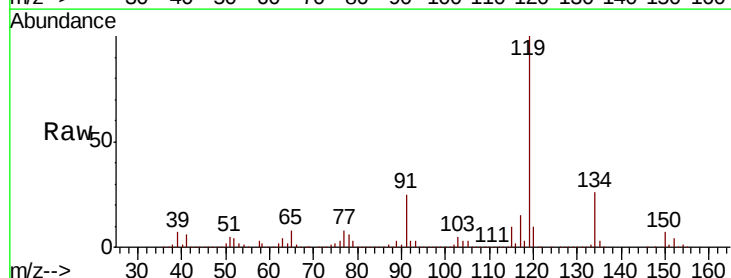
Tgt Ion:119 Resp: 375426

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 24.4 11.8 35.4



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

400000

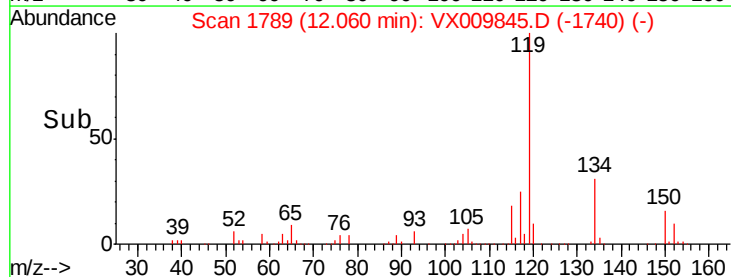
300000

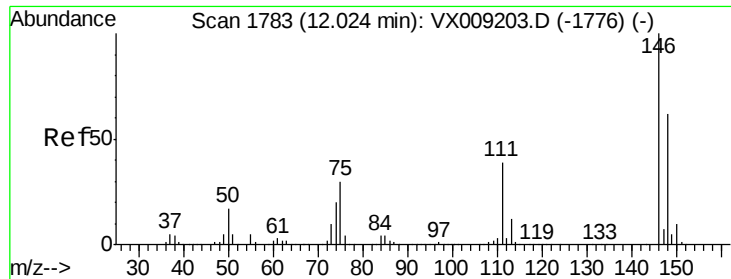
200000

100000

0

Time-->

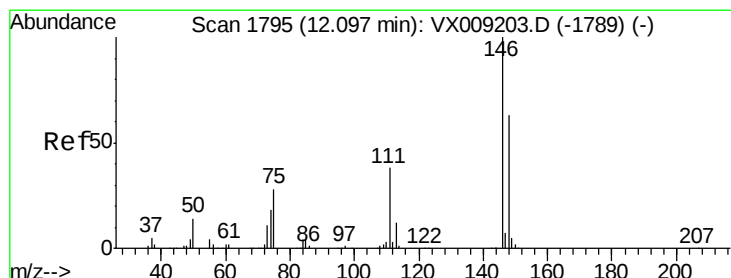
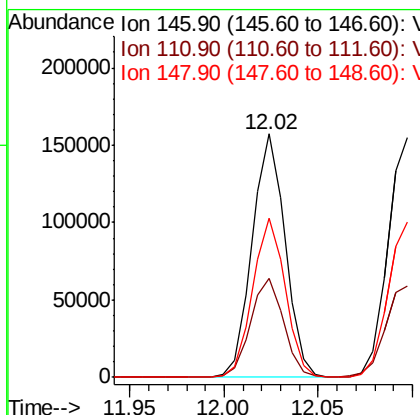
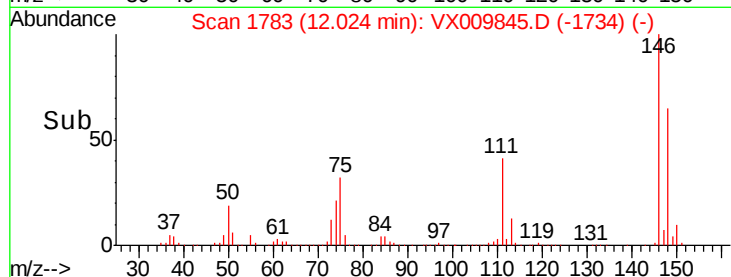
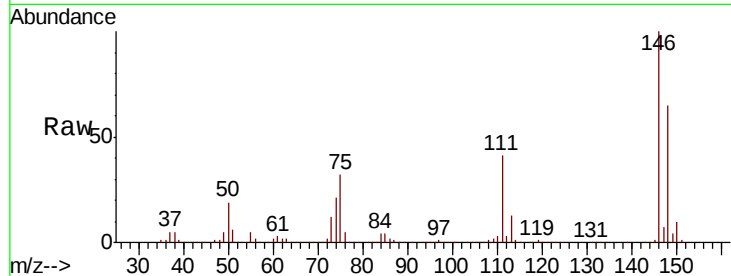




#87
 1,3-Dichlorobenzene
 Concen: 43.759 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009845.D
 Acq: 23 May 2019 08:18

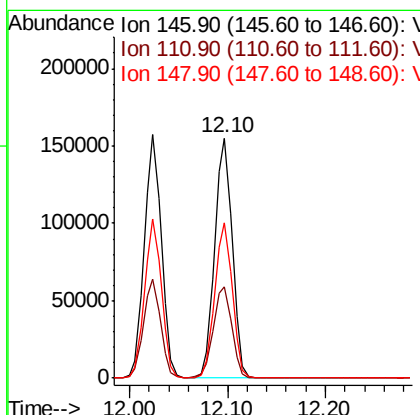
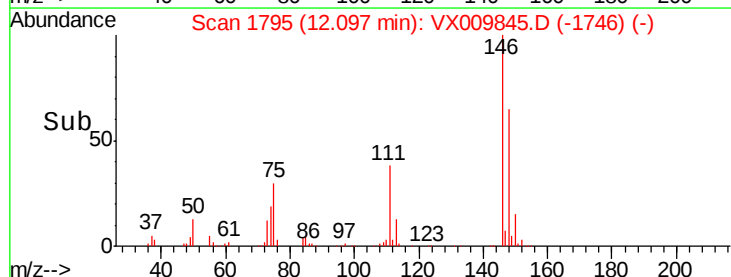
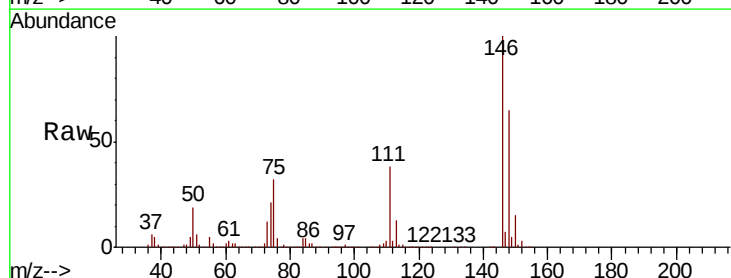
Instrument :
 MSVOA_X
 ClientSampleId :

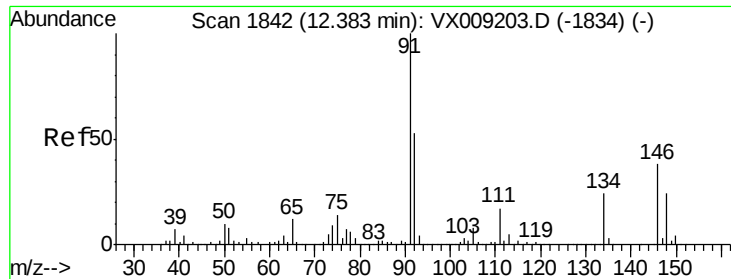
Tot Ion:146 Resp: 191041
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 59.9
 148 64.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 44.000 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009845.D
 Acq: 23 May 2019 08:18

Tgt Ion:146 Resp: 193663
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.6 58.8
 148 64.4 31.8 95.3





#89

n-Butylbenzene

Concen: 45.827 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009845.D

Acq: 23 May 2019 08:18

Instrument :

MSVOA_X

ClientSampleId :

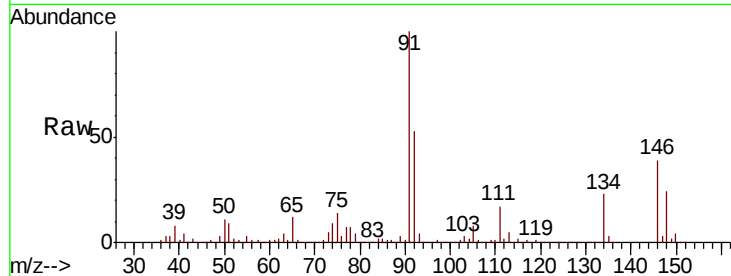
Tot Ion: 91 Resp: 356787

Ion Ratio Lower Upper

91 100

92 52.5 26.5 79.5

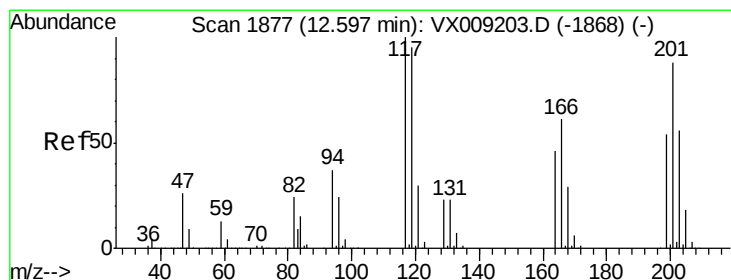
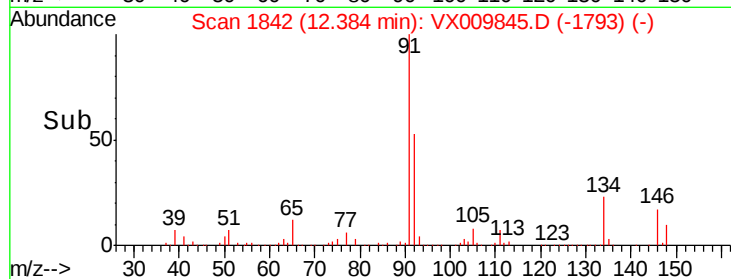
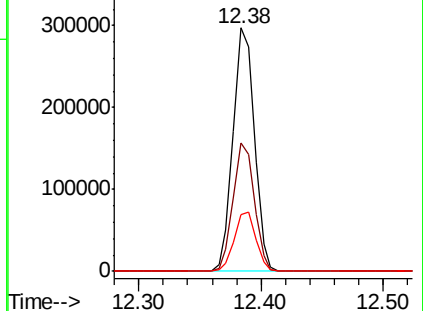
134 24.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX009203.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX009203.D (-1834) (-)



#90

Hexachloroethane

Concen: 43.108 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX009845.D

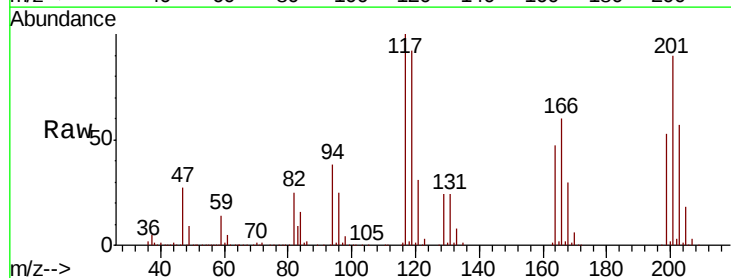
Acq: 23 May 2019 08:18

Tgt Ion: 117 Resp: 63261

Ion Ratio Lower Upper

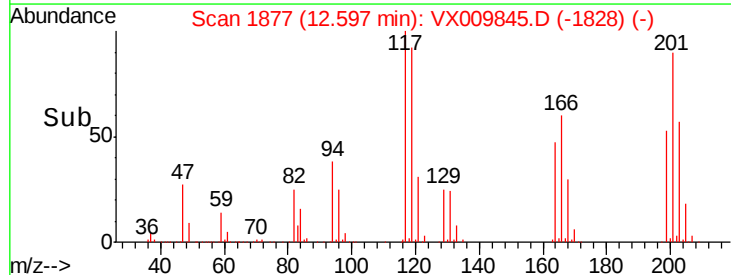
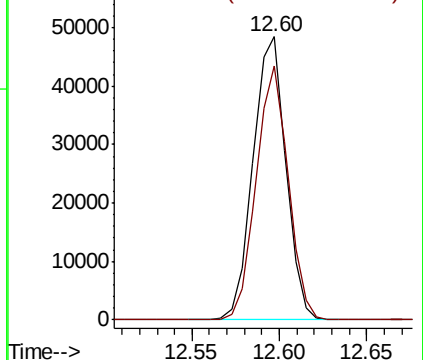
117 100

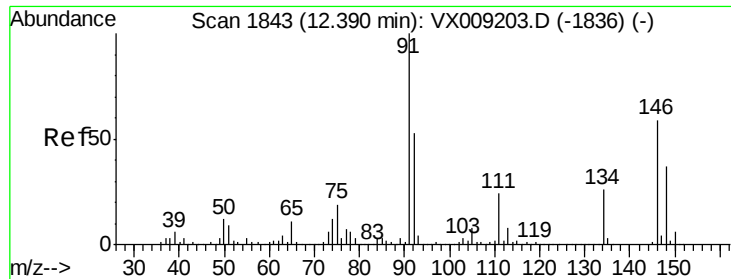
201 87.3 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): VX009203.D (-1868) (-)

Ion 200.70 (200.40 to 201.40): VX009203.D (-1868) (-)

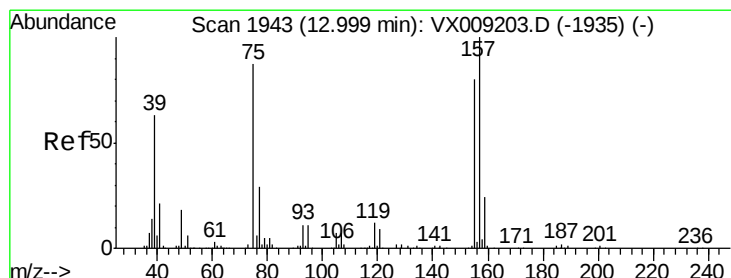
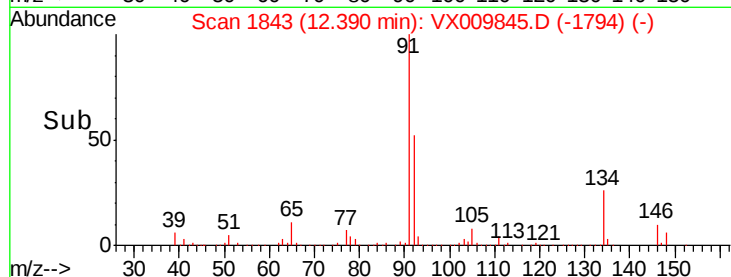
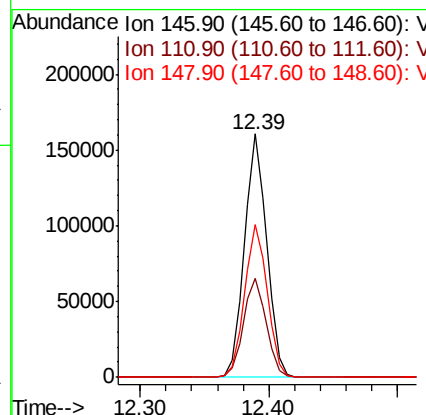
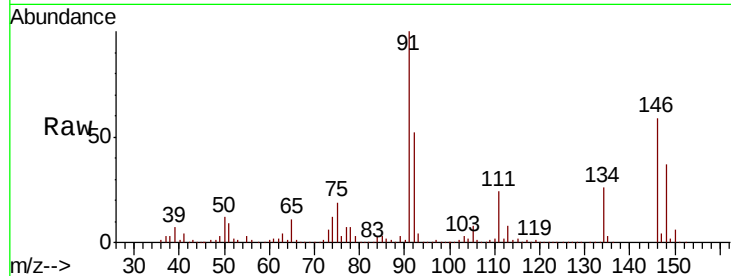




#91
 1,2-Dichlorobenzene
 Concen: 43.233 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009845.D
 Acq: 23 May 2019 08:18

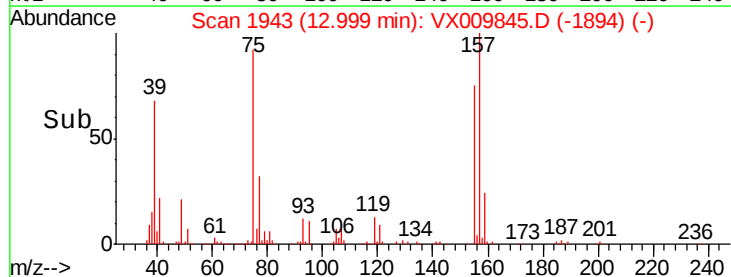
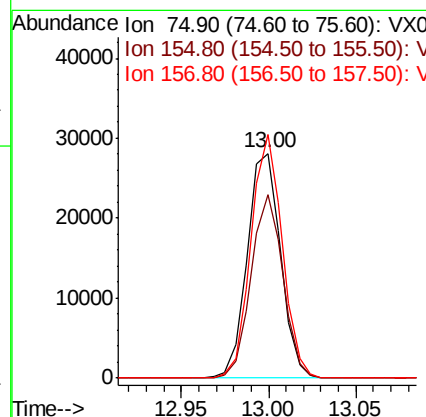
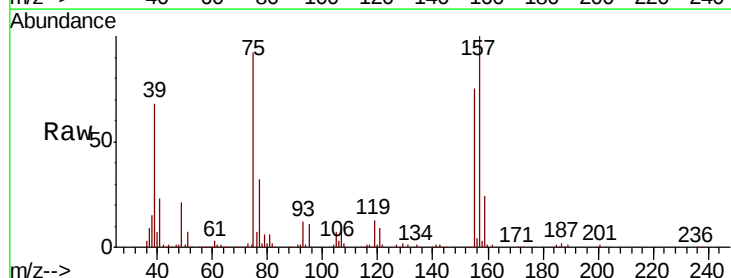
Instrument :
 MSVOA_X
 ClientSampleId :

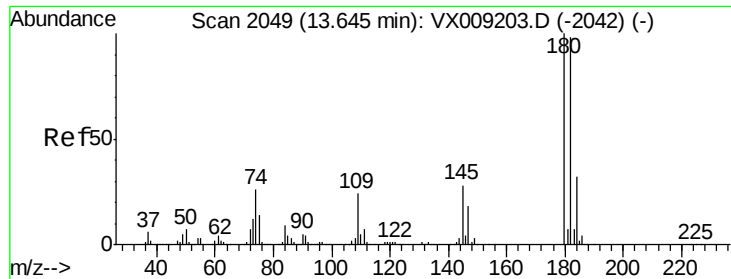
Tot Ion:146 Resp: 192241
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.4
 148 63.6 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.014 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009845.D
 Acq: 23 May 2019 08:18

Tgt Ion: 75 Resp: 37142
 Ion Ratio Lower Upper
 75 100
 155 78.3 42.0 126.0
 157 102.0 53.2 159.6

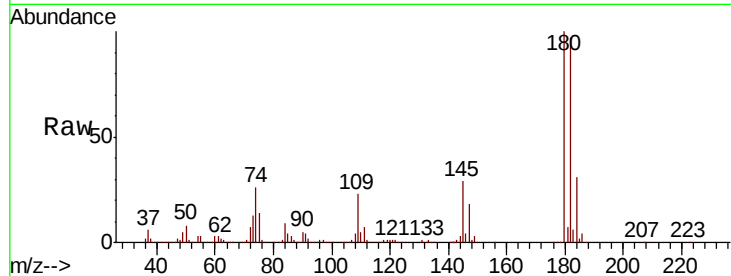




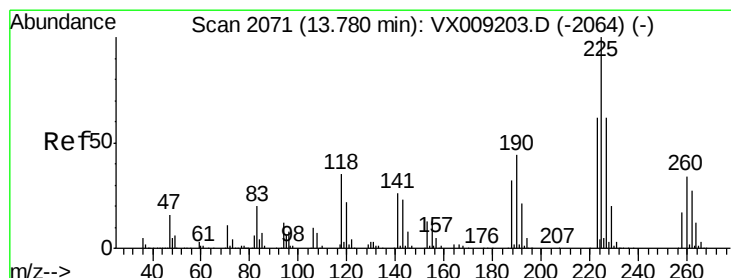
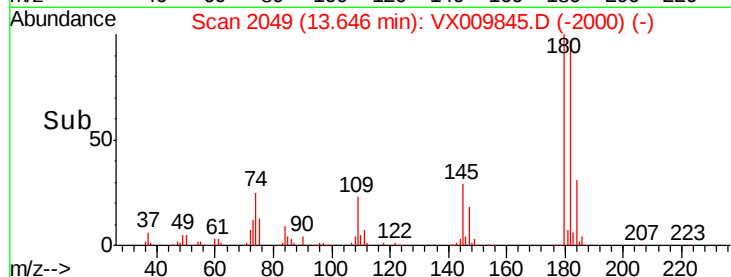
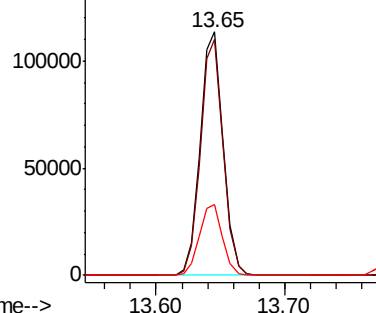
#93
 1,2,4-Trichlorobenzene
 Concen: 46.546 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009845.D
 Acq: 23 May 2019 08:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 141535
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.4 145.2
 145 29.4 14.6 43.8

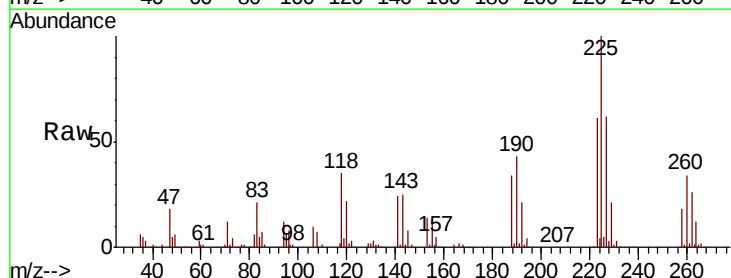


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

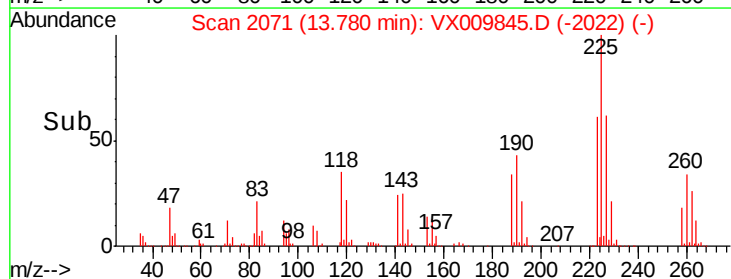
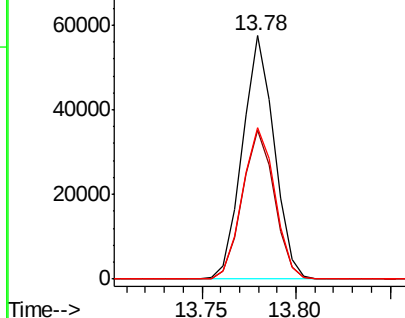


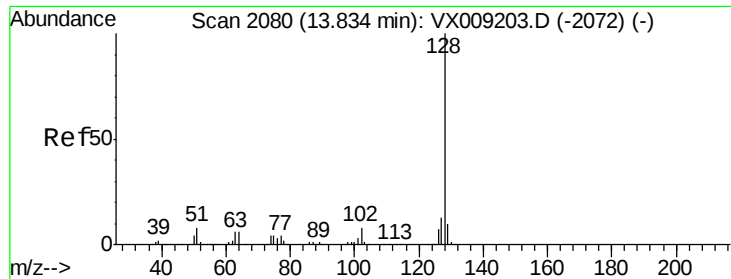
#94
 Hexachlorobutadiene
 Concen: 43.085 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009845.D
 Acq: 23 May 2019 08:18

Tgt Ion:225 Resp: 66903
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.3 93.8
 227 64.4 31.8 95.3



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

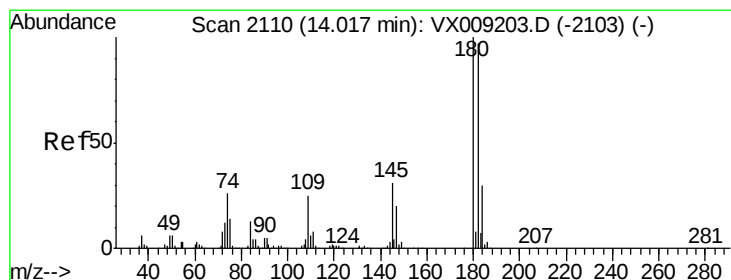
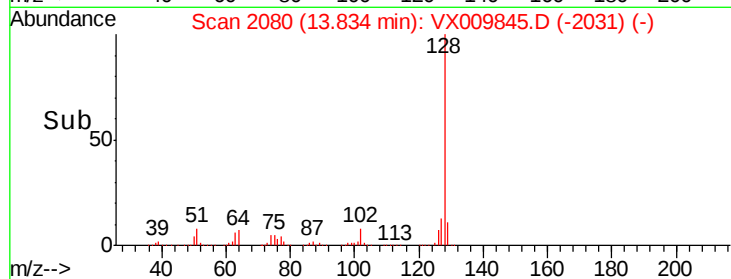
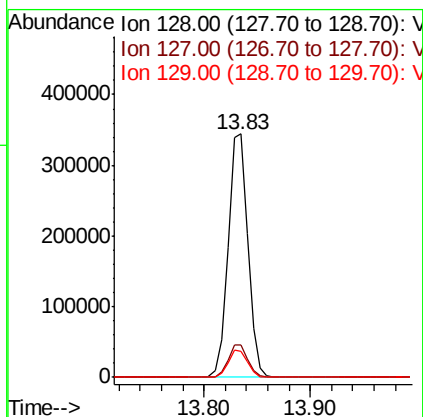
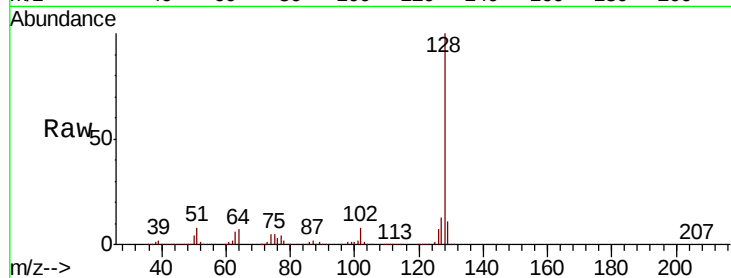




#95
Naphthalene
Concen: 45.265 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 45.213 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009845.D
Acq: 23 May 2019 08:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.4
145	31.2	15.4	46.4

