

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
 Data File : VX009765.D
 Acq On : 21 May 2019 22:01
 Operator : JC/SP
 Sample : K2973-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

Quant Time: May 22 07:10:14 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	165883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268017	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117894	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	98113	43.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.66%	
35) Dibromofluoromethane	5.50	113	72398	42.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.94%	
50) Toluene-d8	8.71	98	280808	41.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.56%	
62) 4-Bromofluorobenzene	11.13	95	107087	43.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	67942	44.446	ug/l	98
3) Chloromethane	1.32	50	106591	51.074	ug/l	99
4) Vinyl Chloride	1.41	62	110926	54.507	ug/l	100
5) Bromomethane	1.64	94	60007	49.127	ug/l	97
6) Chloroethane	1.71	64	67790	51.883	ug/l	100
7) Trichlorofluoromethane	1.92	101	120146	48.569	ug/l	98
8) Diethyl Ether	2.19	74	55231	47.135	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71165	45.812	ug/l	99
10) Methyl Iodide	2.51	142	87370	48.553	ug/l	99
11) Tert butyl alcohol	3.06	59	127313	242.882	ug/l	100
12) 1,1-Dichloroethene	2.37	96	73814	47.424	ug/l	96
13) Acrolein	2.29	56	98257	206.983	ug/l	100
14) Allyl chloride	2.73	41	180832	47.674	ug/l	99
15) Acrylonitrile	3.14	53	314955	245.742	ug/l	100
16) Acetone	2.45	43	275916	226.914	ug/l	97
17) Carbon Disulfide	2.57	76	228214	52.224	ug/l	99
18) Methyl Acetate	2.78	43	118196	40.873	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	291229	48.184	ug/l	99
20) Methylene Chloride	2.85	84	91390	46.419	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	82977	49.157	ug/l	98
22) Diisopropyl ether	3.85	45	356644	48.892	ug/l	99
23) Vinyl Acetate	3.82	43	1425212	228.164	ug/l	100
24) 1,1-Dichloroethane	3.70	63	172141	47.837	ug/l	99
25) 2-Butanone	4.67	43	470410	248.954	ug/l	98
26) 2,2-Dichloropropane	4.58	77	105077	39.230	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	138140	68.563	ug/l	96
28) Bromochloromethane	5.01	49	85057	59.223	ug/l	98
29) Tetrahydrofuran	5.13	42	312043	256.632	ug/l	98
30) Chloroform	5.21	83	156813	48.182	ug/l	100
31) Cyclohexane	5.58	56	165831	49.532	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	130193	48.054	ug/l	99
36) 1,1-Dichloropropene	5.80	75	121094	48.618	ug/l	99
37) Ethyl Acetate	4.83	43	159892	46.074	ug/l	98
38) Carbon Tetrachloride	5.78	117	109768	48.506	ug/l	96

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Quant Time: May 22 07:10:14 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	145937	47.710	ug/l	98
40) Benzene	6.14	78	375125	48.665	ug/l	98
41) Methacrylonitrile	5.04	41	100941	48.864	ug/l	98
42) 1,2-Dichloroethane	6.19	62	136683	49.431	ug/l	98
43) Isopropyl Acetate	6.45	43	261021	47.023	ug/l	99
44) Trichloroethene	7.21	130	86074	46.189	ug/l	99
45) 1,2-Dichloropropane	7.51	63	106258	48.682	ug/l	99
46) Dibromomethane	7.66	93	60391	47.646	ug/l	99
47) Bromodichloromethane	7.90	83	123376	48.797	ug/l	99
48) Methyl methacrylate	7.77	41	143031	51.937	ug/l	98
49) 1,4-Dioxane	7.74	88	49218	881.255	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	945555	260.612	ug/l	98
52) Toluene	8.78	92	229376	48.952	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	139640	48.919	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	152038	48.120	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	91720	47.980	ug/l	97
56) Ethyl methacrylate	9.18	69	171588	50.284	ug/l	97
57) 1,3-Dichloropropane	9.37	76	162827	48.403	ug/l	99
59) 2-Hexanone	9.49	43	715700	251.162	ug/l	98
60) Dibromochloromethane	9.58	129	92810	49.709	ug/l	99
61) 1,2-Dibromoethane	9.67	107	95297	49.385	ug/l	99
64) Tetrachloroethene	9.34	164	74098	43.740	ug/l	98
65) Chlorobenzene	10.14	112	239049	48.387	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	86274	48.169	ug/l	99
67) Ethyl Benzene	10.25	91	437090	48.073	ug/l	100
68) m/p-Xylenes	10.36	106	320512	96.466	ug/l	98
69) o-Xylene	10.69	106	155939	47.569	ug/l	99
70) Stvrene	10.71	104	273220	47.952	ug/l	98
71) Bromoform	10.85	173	72627	49.897	ug/l #	99
73) Isopropylbenzene	11.02	105	417628	48.714	ug/l	100
74) N-amyl acetate	10.90	43	223557	44.727	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	153721	48.099	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	177748	64.997	ug/l	82
77) Bromobenzene	11.26	156	103733	48.749	ug/l	99
78) n-propylbenzene	11.36	91	481960	49.225	ug/l	100
79) 2-Chlorotoluene	11.42	91	287108	47.530	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	353410	48.958	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	49822	46.614	ug/l	97
82) 4-Chlorotoluene	11.51	91	331688	48.606	ug/l	99
83) tert-Butylbenzene	11.77	119	343505	48.917	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	352892	48.704	ug/l	100
85) sec-Butylbenzene	11.94	105	400153	48.064	ug/l	100
86) p-Isopropyltoluene	12.06	119	363564	48.576	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	181469	47.839	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	180882	47.297	ug/l	99
89) n-Butylbenzene	12.38	91	329606	48.724	ug/l	99
90) Hexachloroethane	12.60	117	63386	49.711	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	180759	46.784	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34321	47.872	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	125663	47.562	ug/l	99

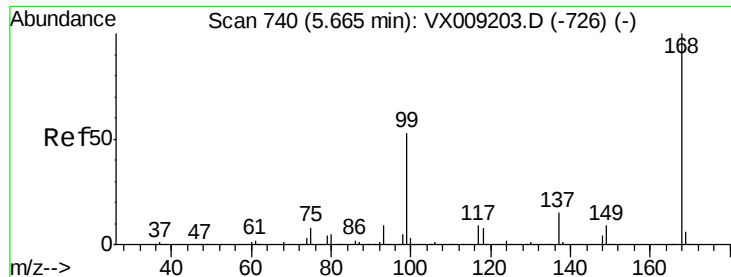
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	64063	47.481	ug/l	99
95) Naphthalene	13.83	128	413277	48.078	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	127819	47.725	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: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

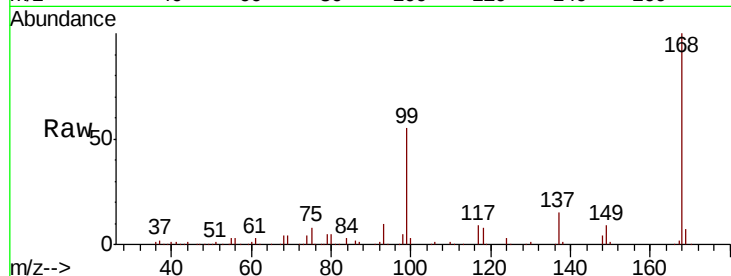
S36-0153MSD

Tot Ion:168 Resp: 165883

Ion Ratio Lower Upper

168 100

99 55.3 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

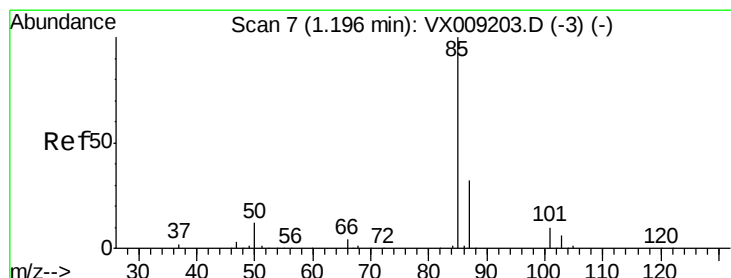
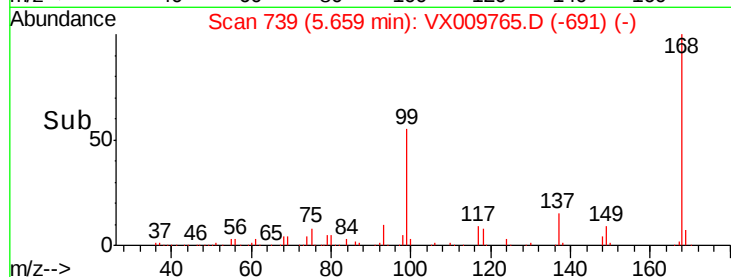
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.446 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009765.D

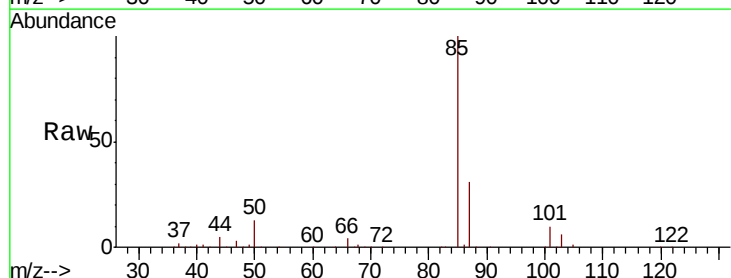
Acq: 21 May 2019 22:01

Tgt Ion: 85 Resp: 67942

Ion Ratio Lower Upper

85 100

87 31.3 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

60000

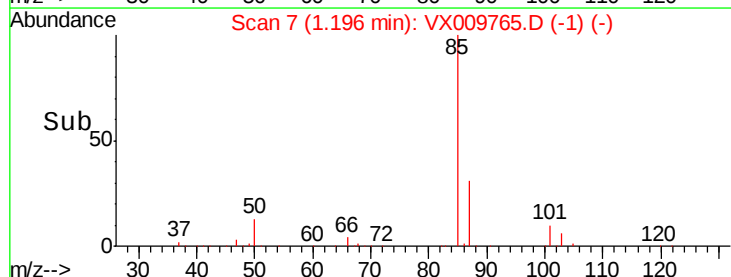
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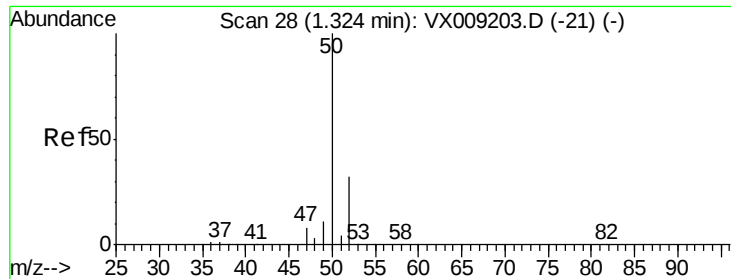
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 51.074 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

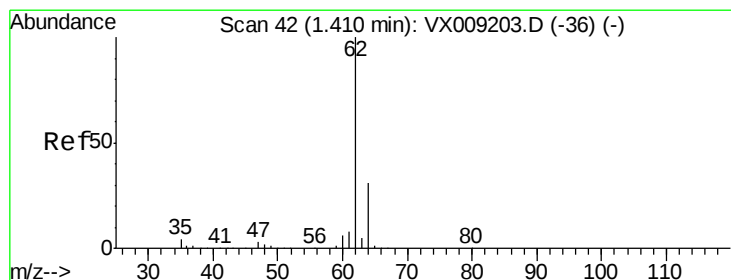
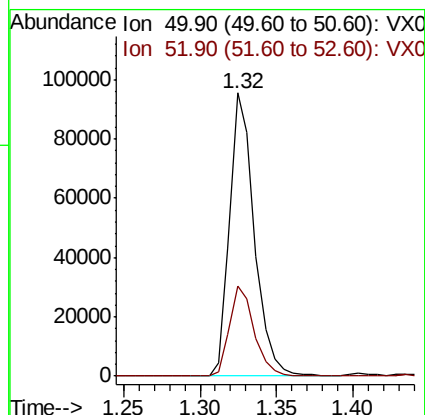
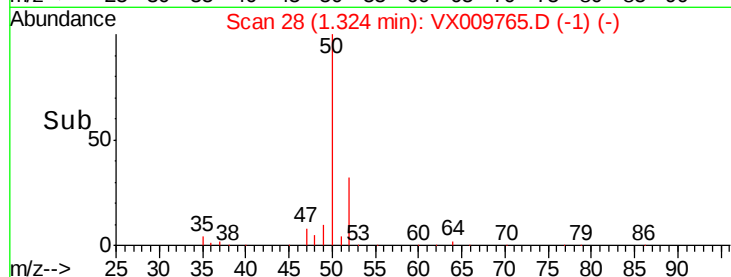
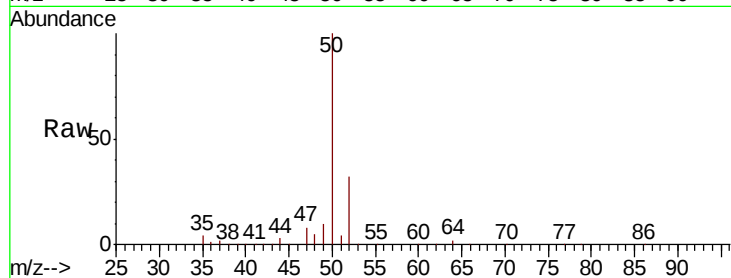
S36-0153MSD

Tot Ion: 50 Resp: 106591

Ion Ratio Lower Upper

50 100

52 32.1 25.9 38.9



#4

Vinyl Chloride

Concen: 54.507 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009765.D

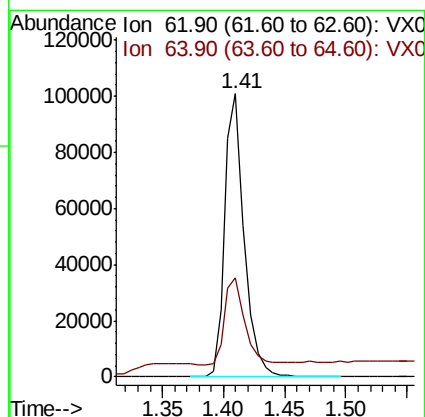
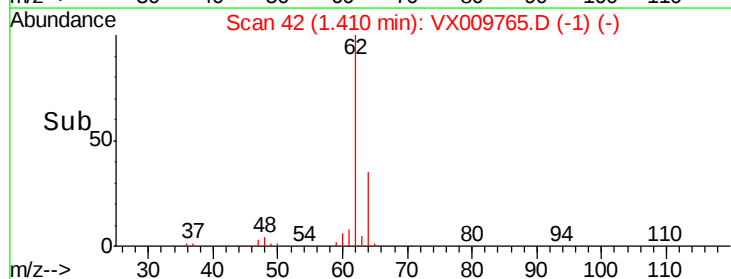
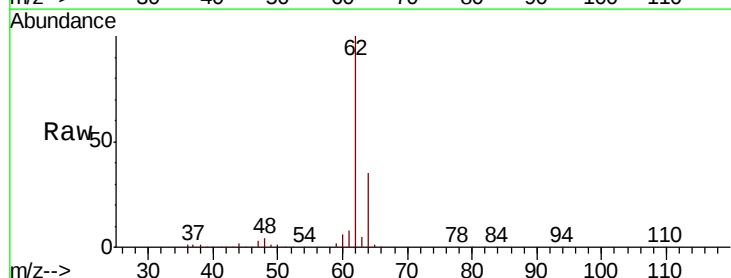
Acq: 21 May 2019 22:01

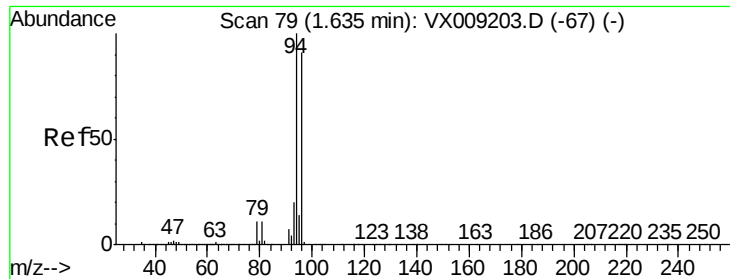
Tgt Ion: 62 Resp: 110926

Ion Ratio Lower Upper

62 100

64 30.5 24.6 36.8





#5

Bromomethane

Concen: 49.127 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

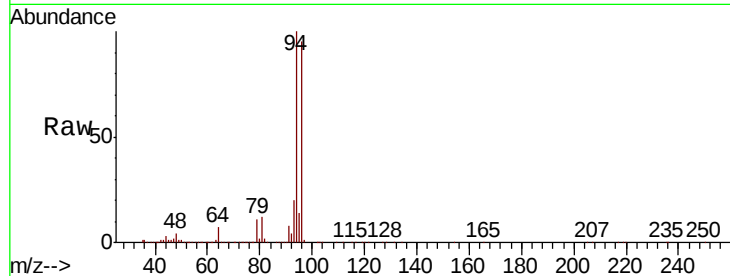
S36-0153MSD

Tot Ion: 94 Resp: 60007

Ion Ratio Lower Upper

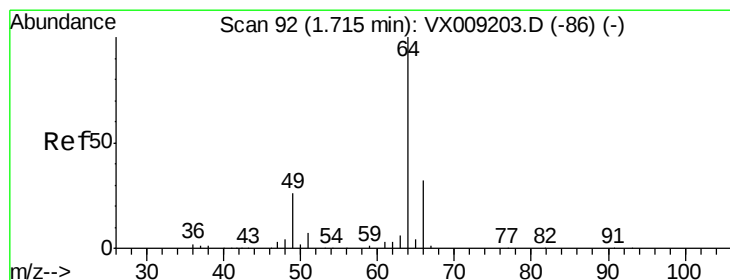
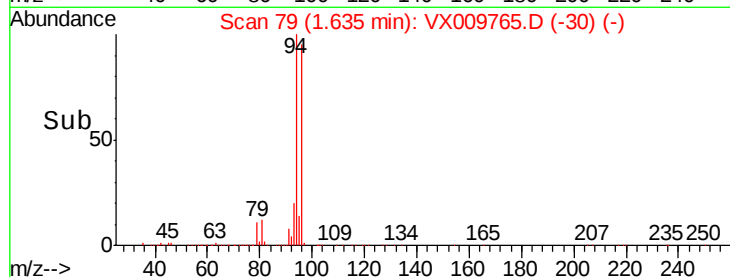
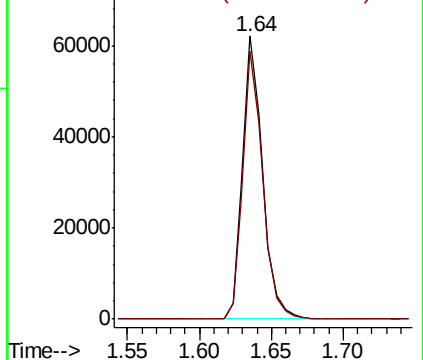
94 100

96 94.6 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: 51.883 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX009765.D

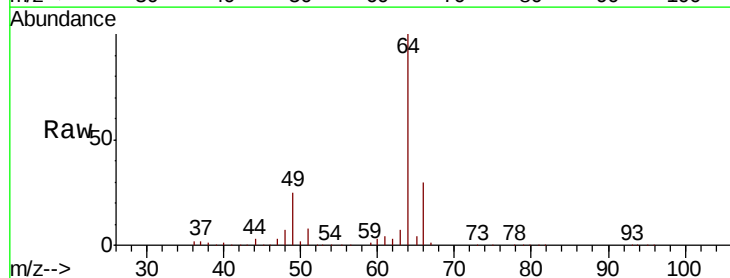
Acq: 21 May 2019 22:01

Tgt Ion: 64 Resp: 67790

Ion Ratio Lower Upper

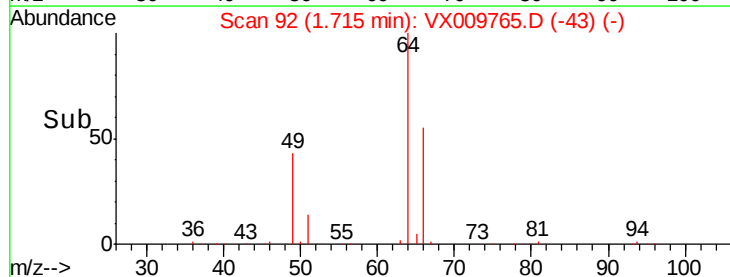
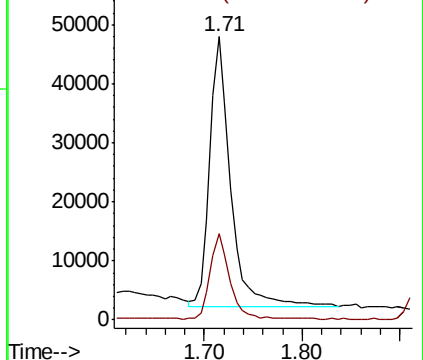
64 100

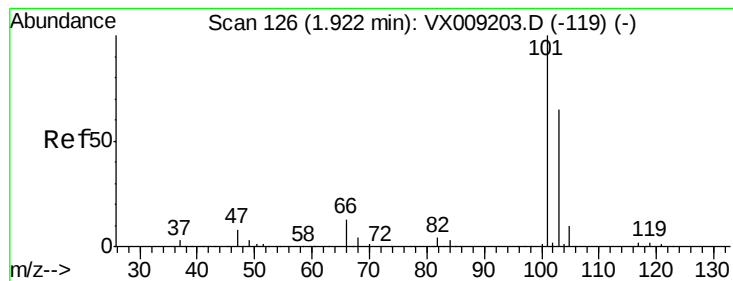
66 31.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



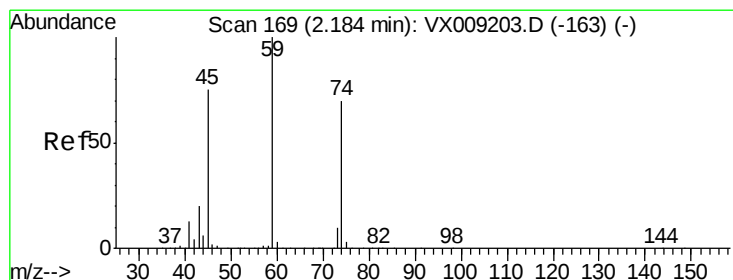
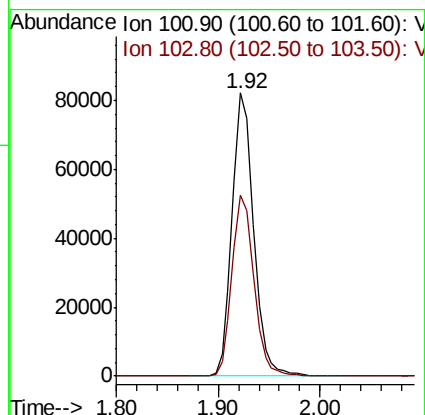
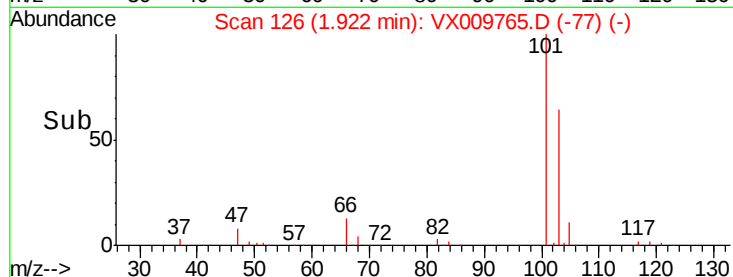
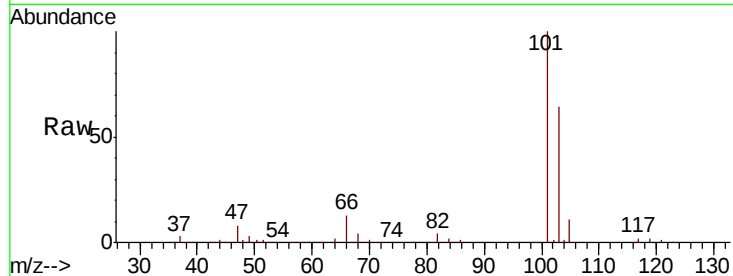


#7

Trichlorofluoromethane
 Concen: 48.569 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Instrument :
 MSVOA_X
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 S36-0153MSD

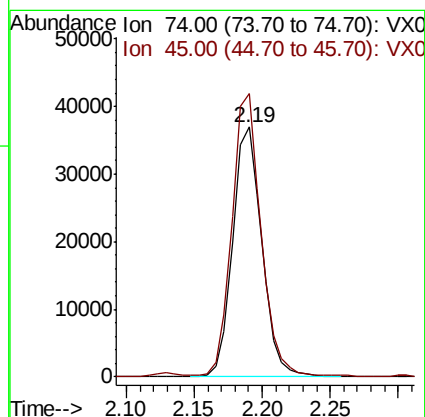
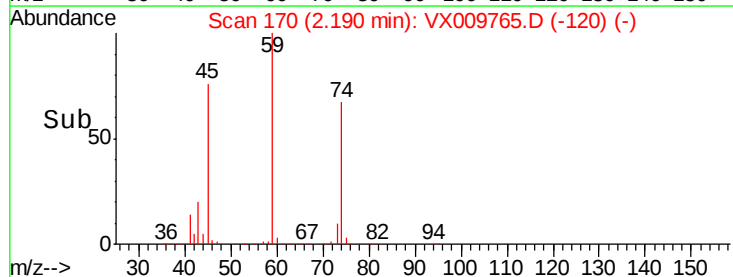
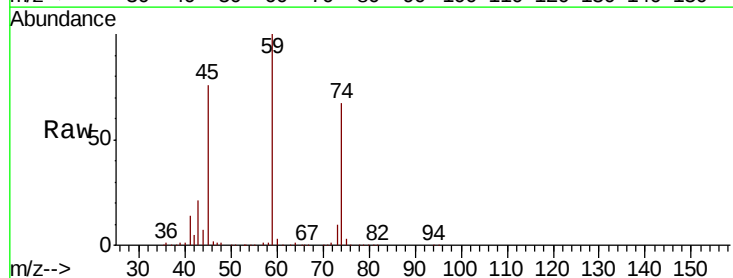
Tot Ion:101 Resp: 120146
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.4 78.6

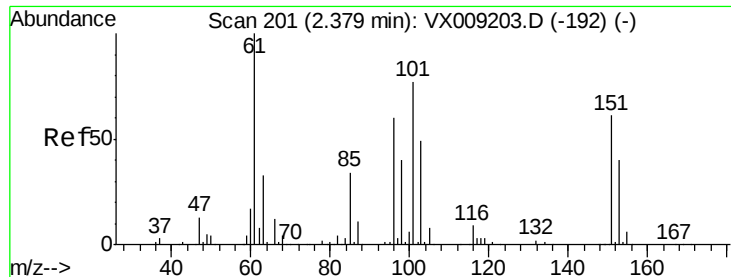


#8

Diethyl Ether
 Concen: 47.135 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion: 74 Resp: 55231
 Ion Ratio Lower Upper
 74 100
 45 112.7 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.812 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

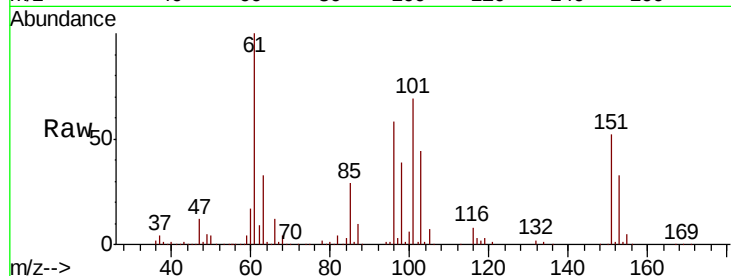
Tot Ion:101 Resp: 71165

Ion Ratio Lower Upper

101 100

85 44.5 35.7 53.5

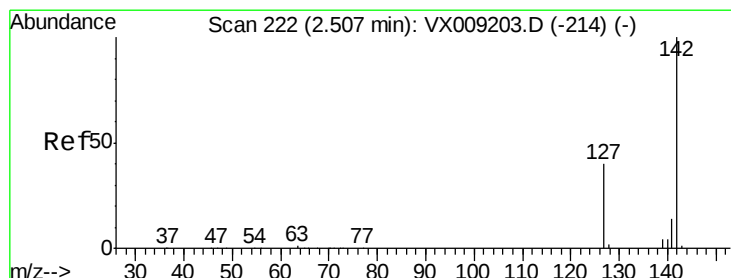
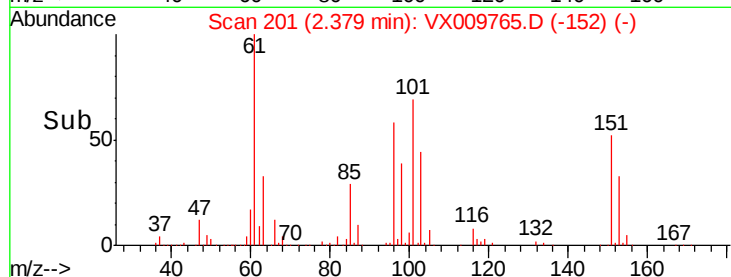
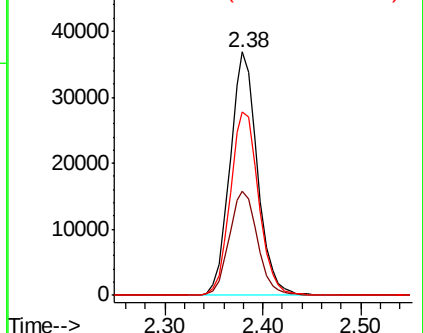
151 78.7 62.2 93.2



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: 48.553 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

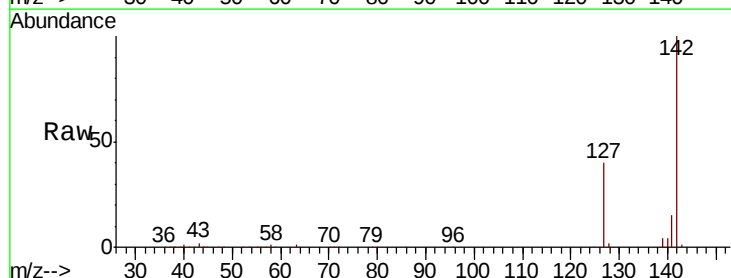
Tgt Ion:142 Resp: 87370

Ion Ratio Lower Upper

142 100

127 41.6 32.7 49.1

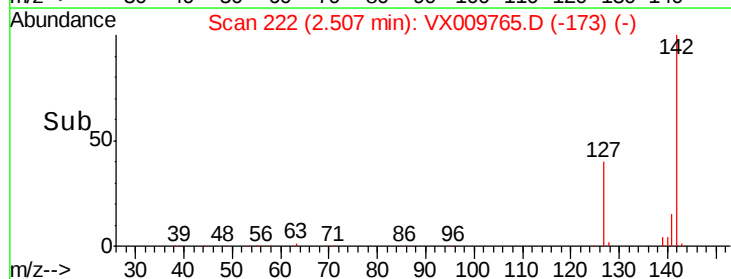
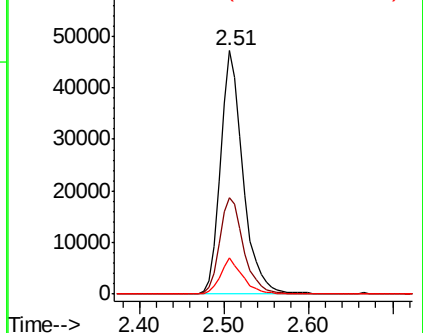
141 14.4 11.5 17.3

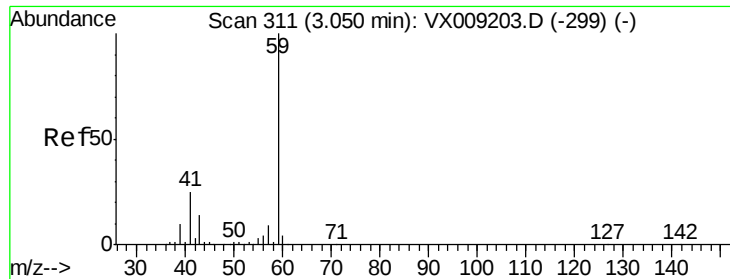


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

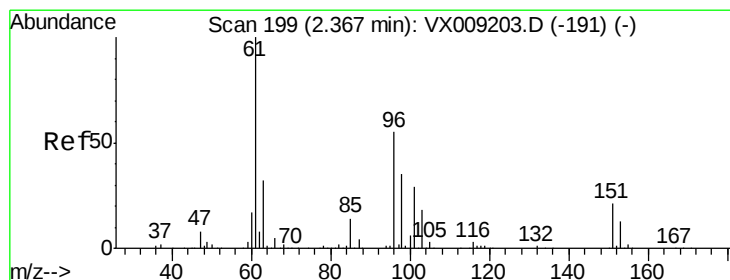
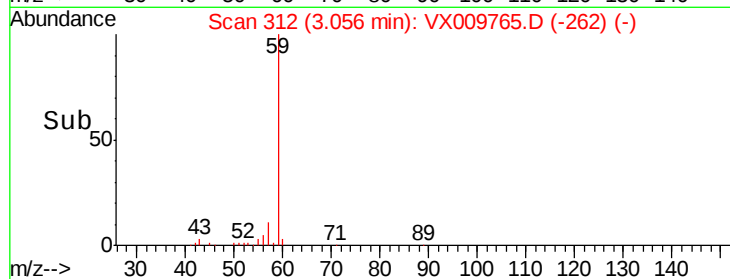
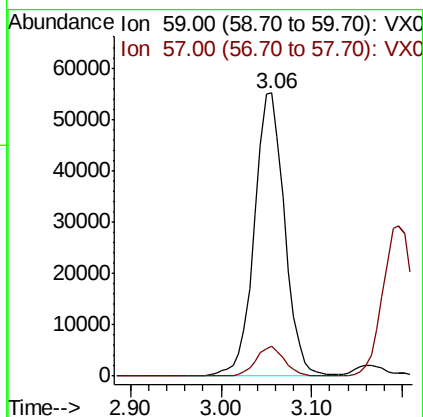
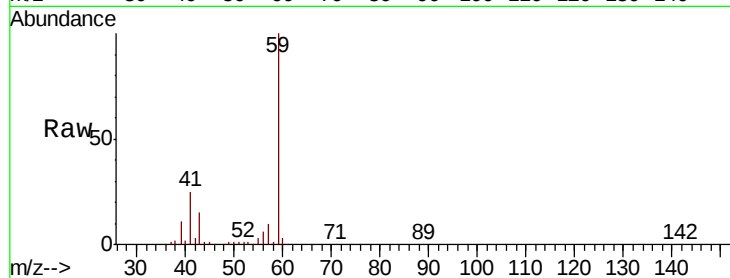




#11
Tert butyl alcohol
Concen: 242.882 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

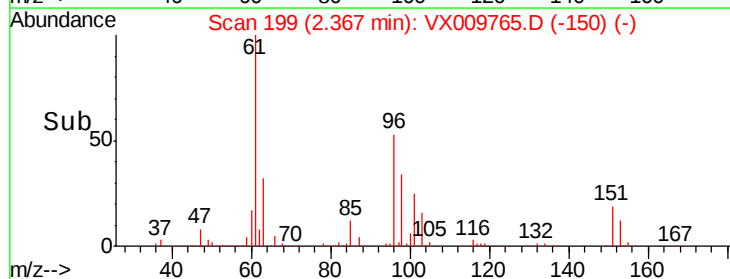
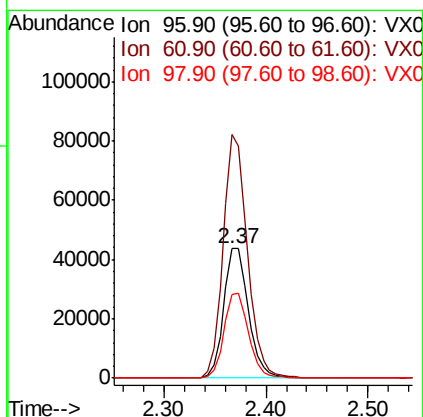
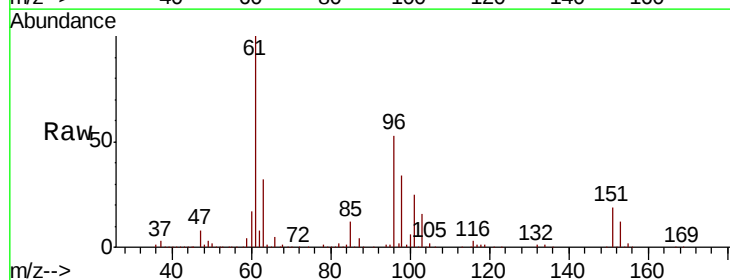
Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

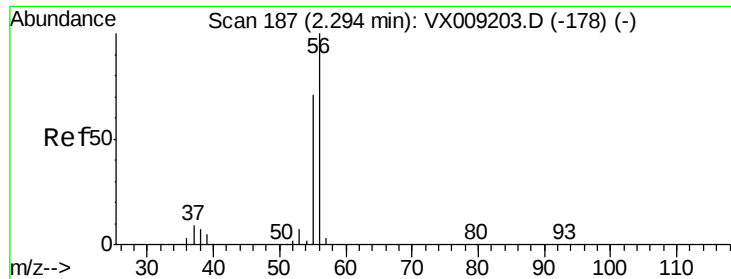
Tot Ion: 59 Resp: 127313
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 47.424 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion: 96 Resp: 73814
Ion Ratio Lower Upper
96 100
61 188.0 144.3 216.5
98 64.1 50.3 75.5





#13

Acrolein

Concen: 206.983 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

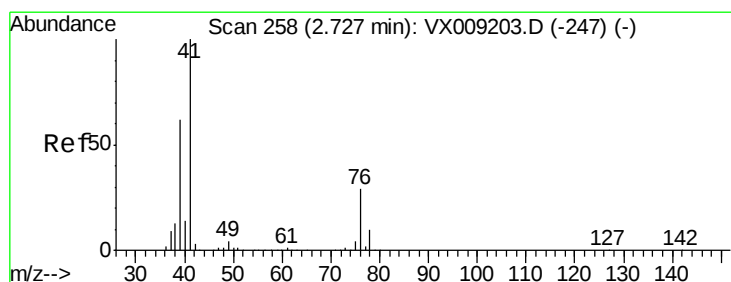
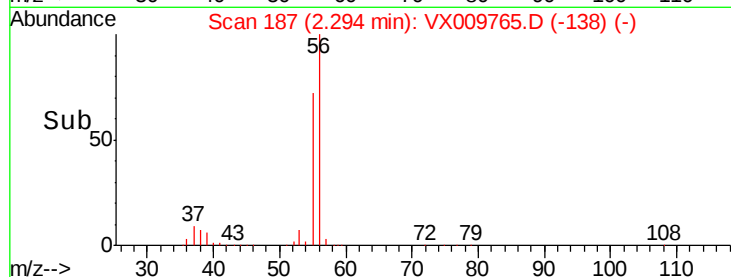
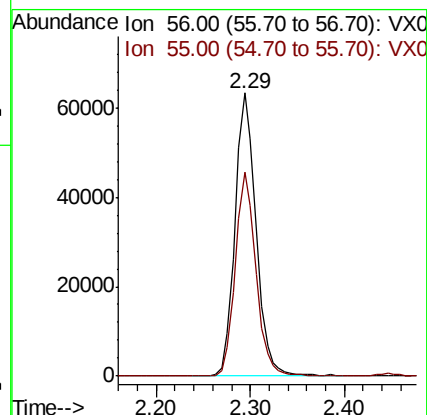
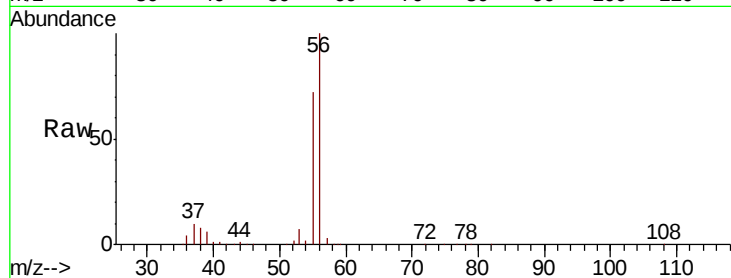
S36-0153MSD

Tot Ion: 56 Resp: 98257

Ion Ratio Lower Upper

56 100

55 70.5 56.6 85.0



#14

Allyl chloride

Concen: 47.674 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

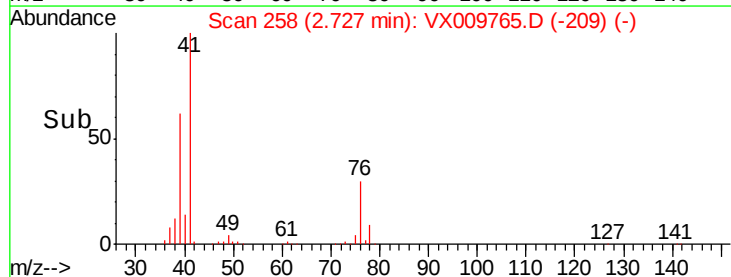
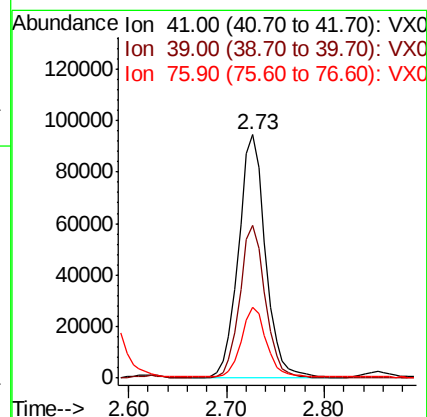
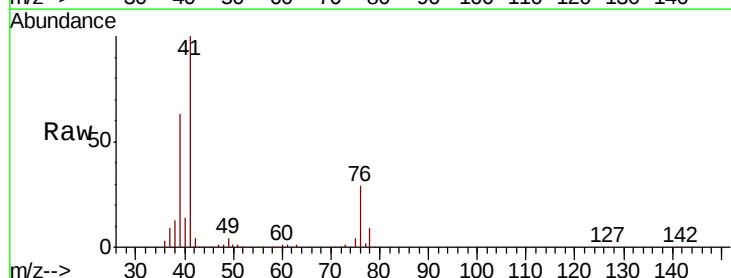
Tgt Ion: 41 Resp: 180832

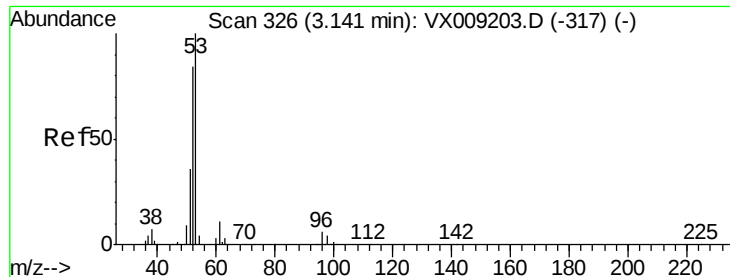
Ion Ratio Lower Upper

41 100

39 59.4 46.7 70.1

76 27.1 21.8 32.8





#15

Acrylonitrile

Concen: 245.742 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

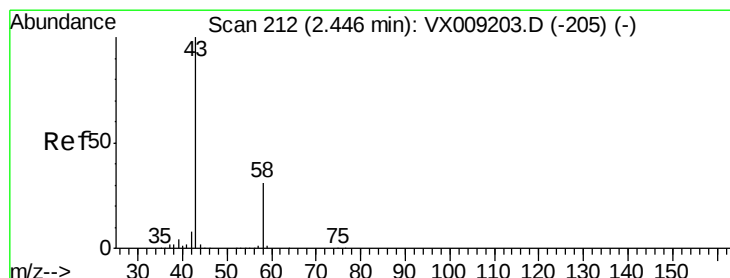
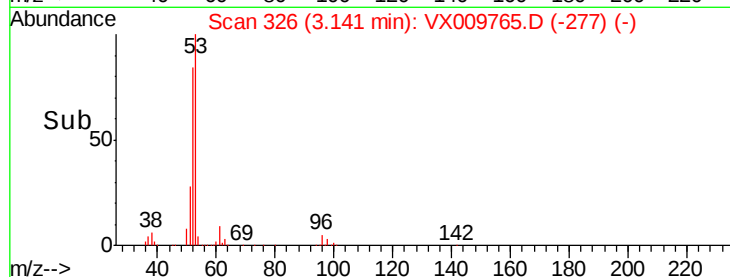
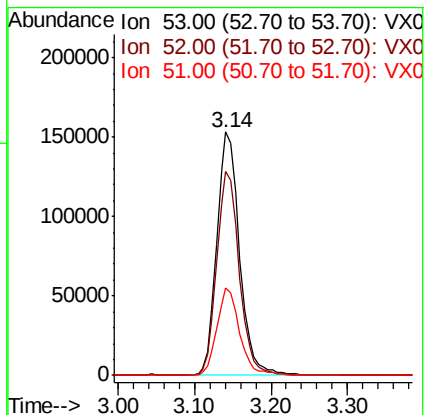
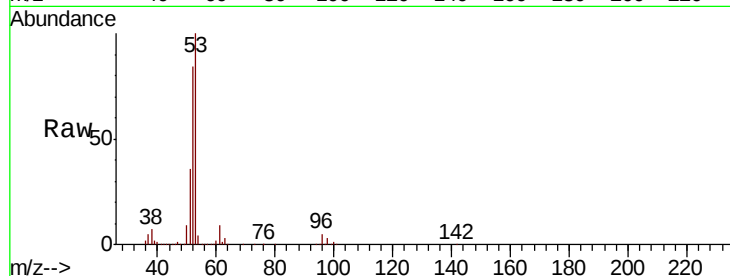
Tot Ion: 53 Resp: 314955

Ion Ratio Lower Upper

53 100

52 83.5 66.9 100.3

51 35.8 28.2 42.2



#16

Acetone

Concen: 226.914 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009765.D

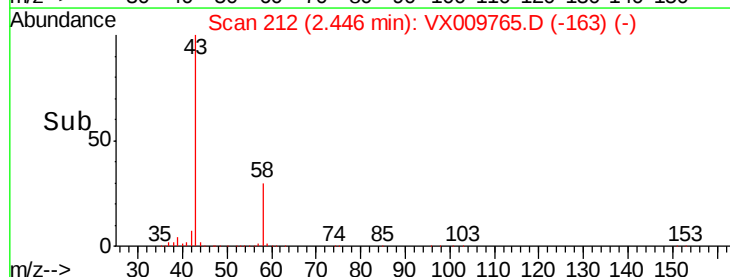
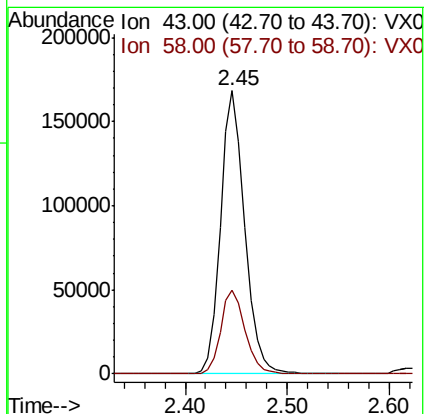
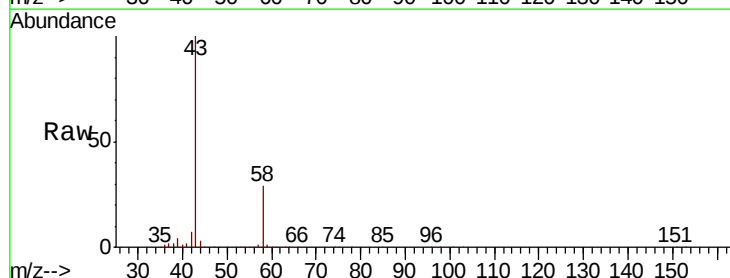
Acq: 21 May 2019 22:01

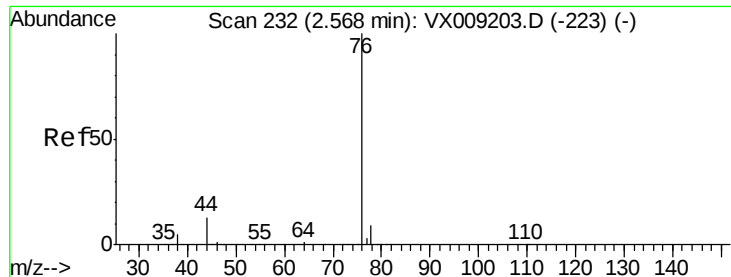
Tgt Ion: 43 Resp: 275916

Ion Ratio Lower Upper

43 100

58 29.5 24.9 37.3

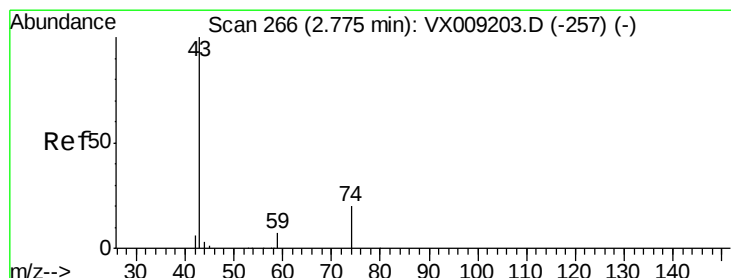
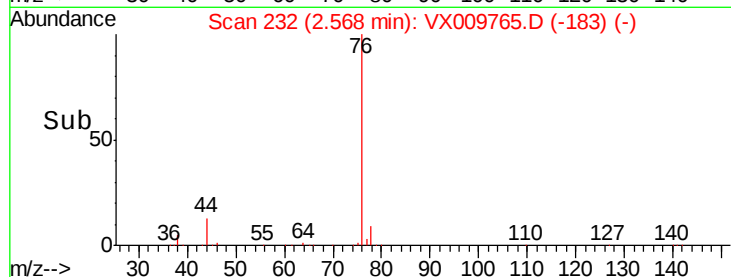
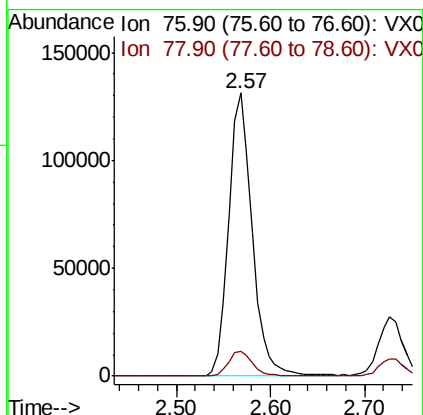
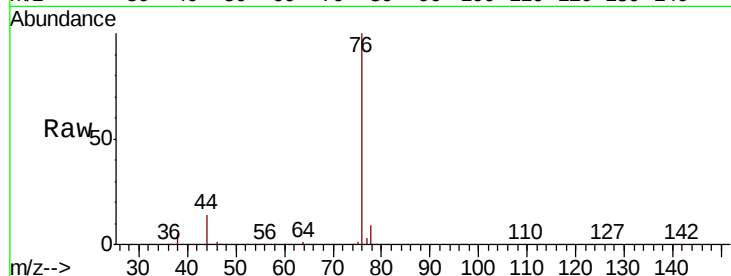




#17
Carbon Disulfide
Concen: 52.224 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

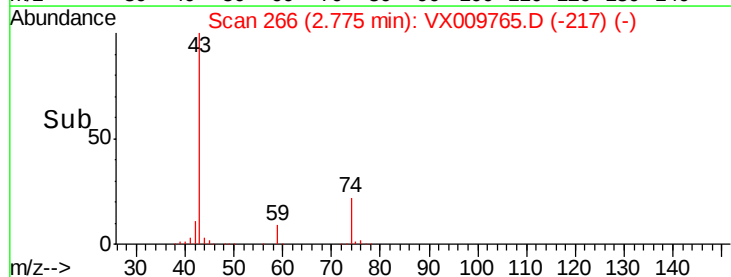
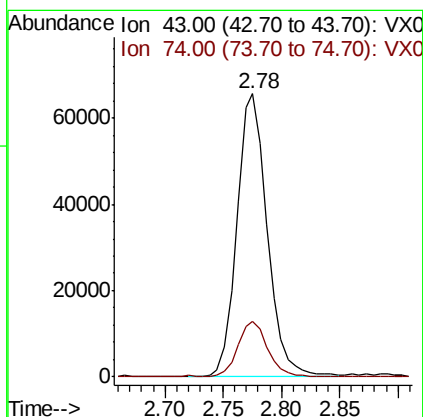
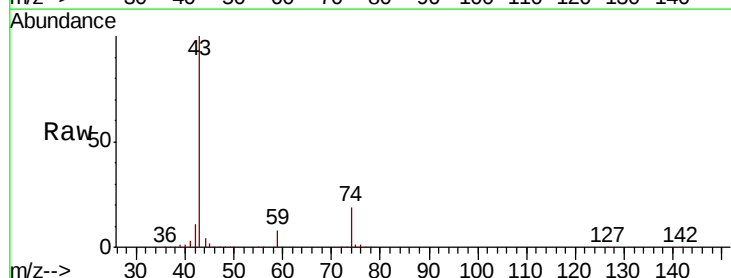
Instrument :
MSVOA_X
ClientSampled :
S36-0153MSD

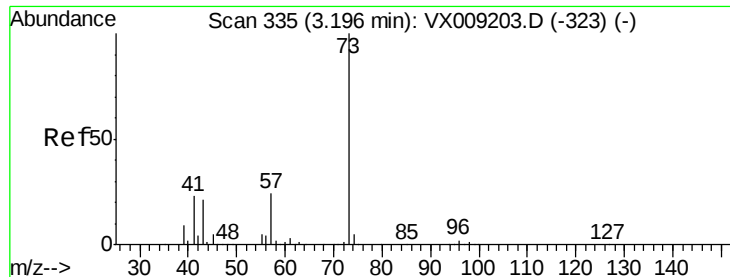
Tot Ion: 76 Resp: 228214
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 40.873 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion: 43 Resp: 118196
Ion Ratio Lower Upper
43 100
74 18.9 16.2 24.4

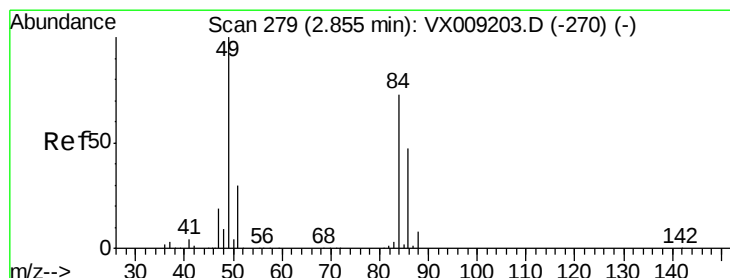
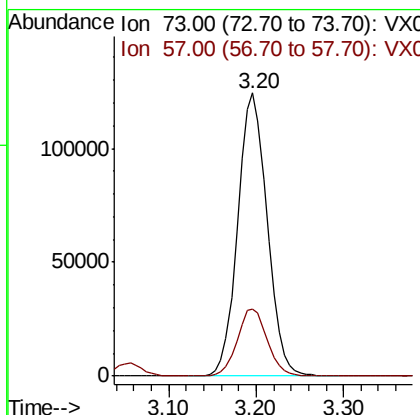
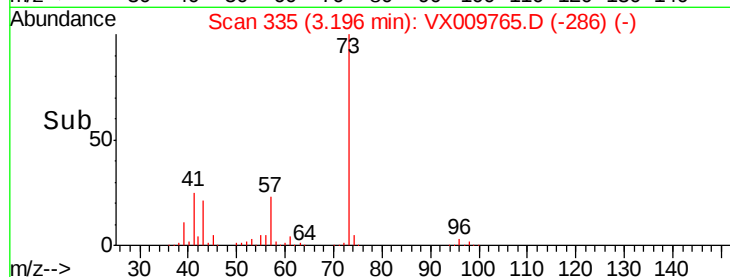
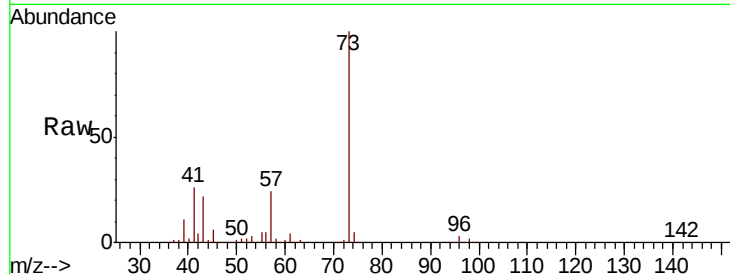




#19
Methvl tert-butvl Ether
Concen: 48.184 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

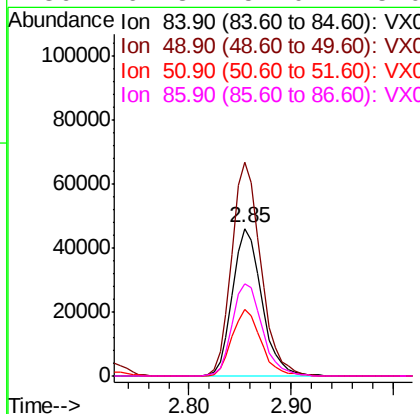
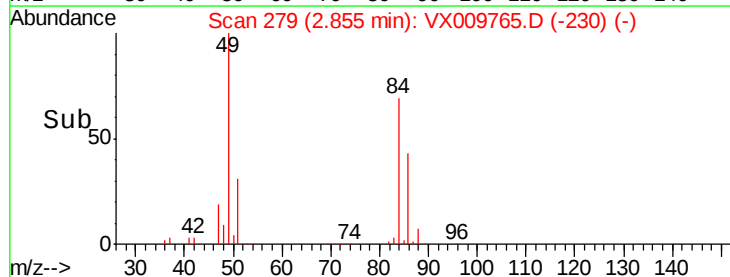
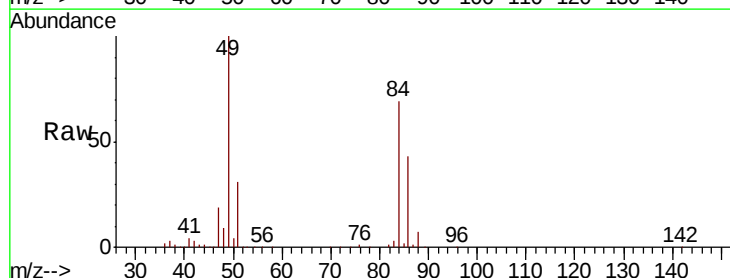
Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

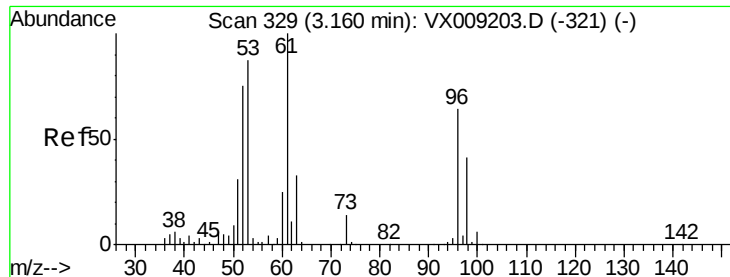
Tot Ion: 73 Resp: 291229
Ion Ratio Lower Upper
73 100
57 23.5 19.3 28.9



#20
Methylene Chloride
Concen: 46.419 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion: 84 Resp: 91390
Ion Ratio Lower Upper
84 100
49 144.5 109.9 164.9
51 44.7 32.7 49.1
86 62.3 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 49.157 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

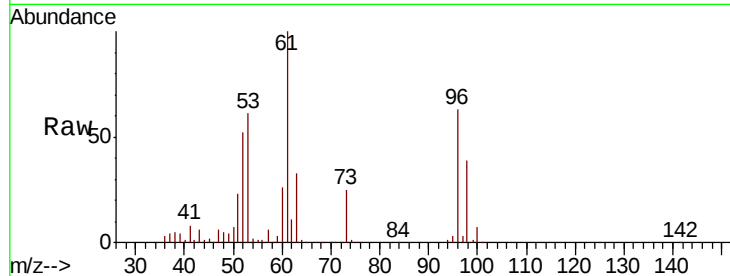
Tot Ion: 96 Resp: 82977

Ion Ratio Lower Upper

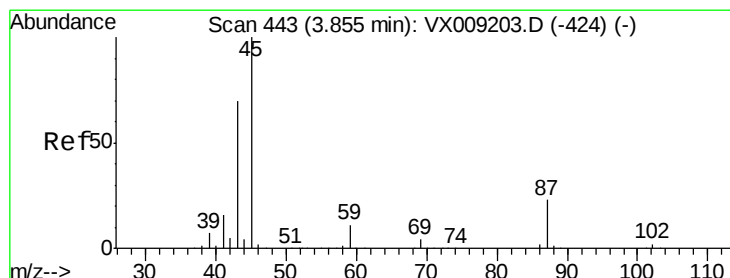
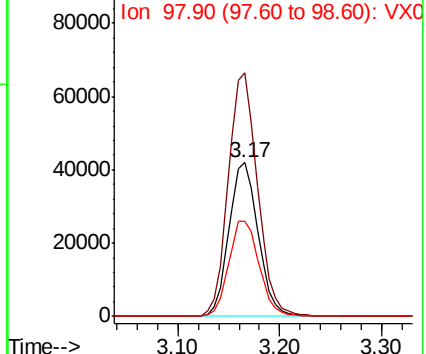
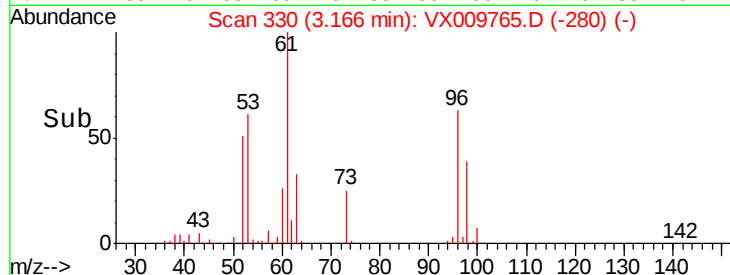
96 100

61 158.2 124.5 186.7

98 61.6 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: 48.892 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Tgt Ion: 45 Resp: 356644

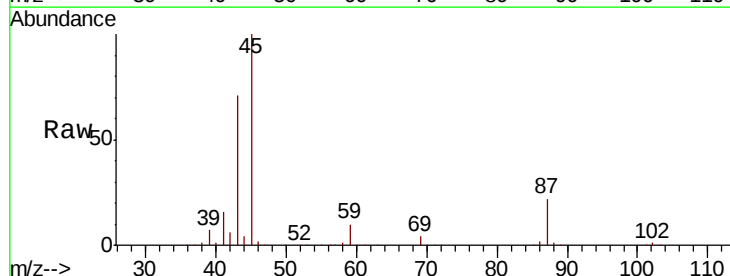
Ion Ratio Lower Upper

45 100

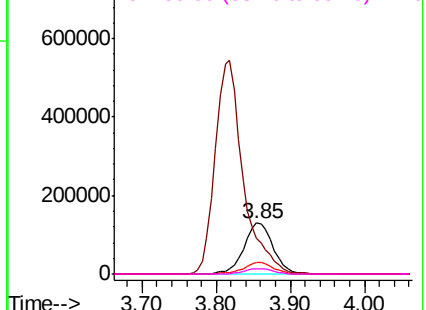
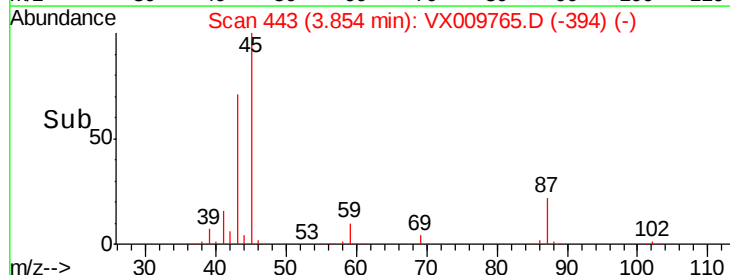
43 70.8 56.1 84.1

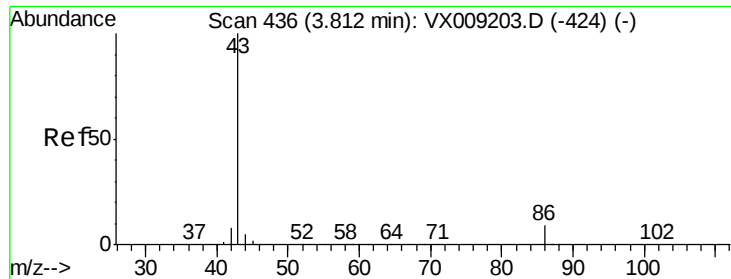
87 22.0 18.1 27.1

59 10.3 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: 228.164 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

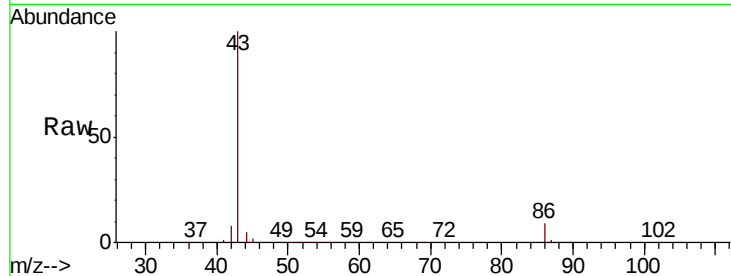
S36-0153MSD

Tot Ion: 43 Resp: 1425212

Ion Ratio Lower Upper

43 100

86 8.5 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

600000

500000

400000

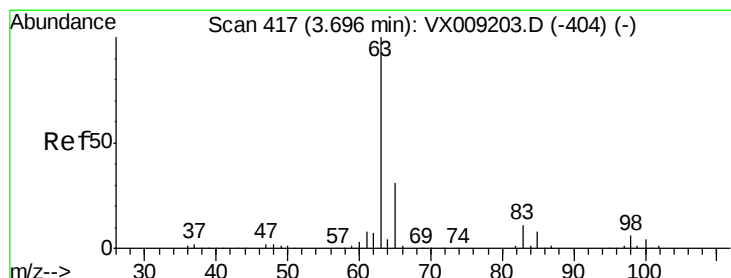
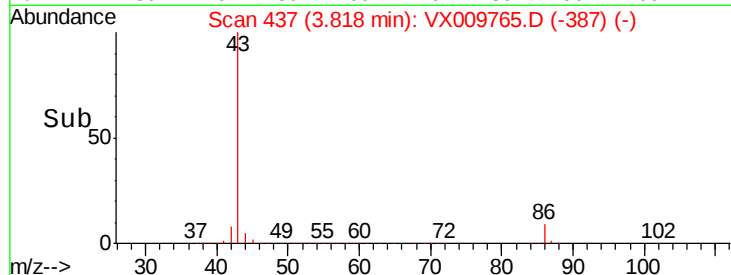
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 47.837 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

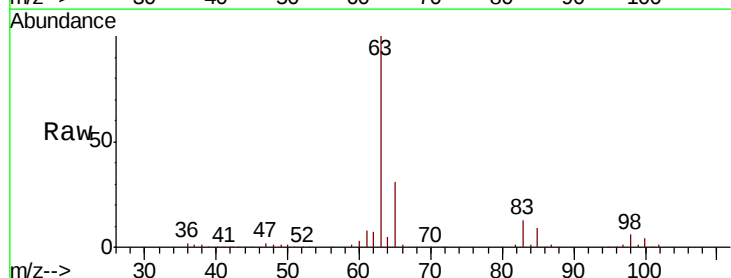
Tgt Ion: 63 Resp: 172141

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.2

100 4.1 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

3.70

80000

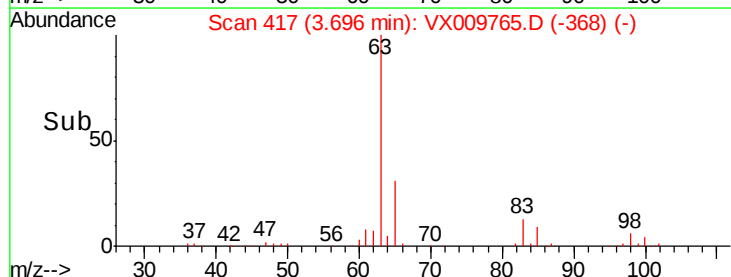
60000

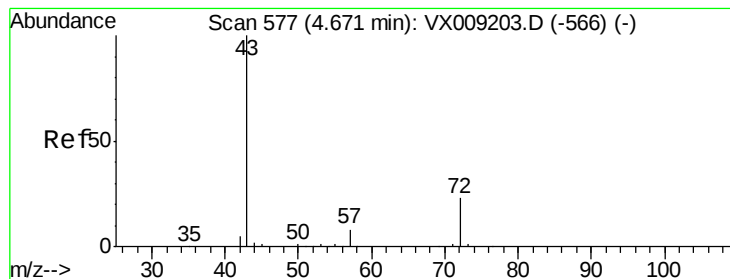
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 248.954 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

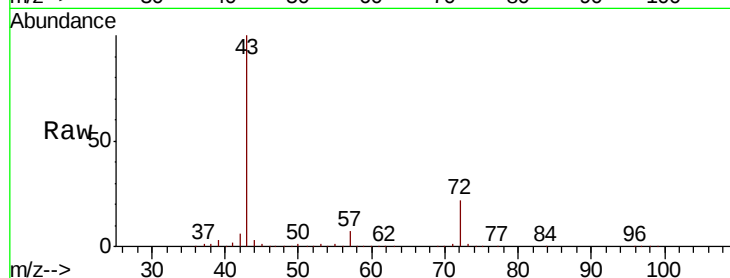
S36-0153MSD

Tot Ion: 43 Resp: 470410

Ion Ratio Lower Upper

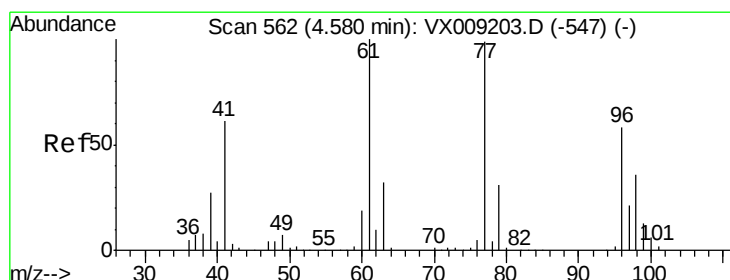
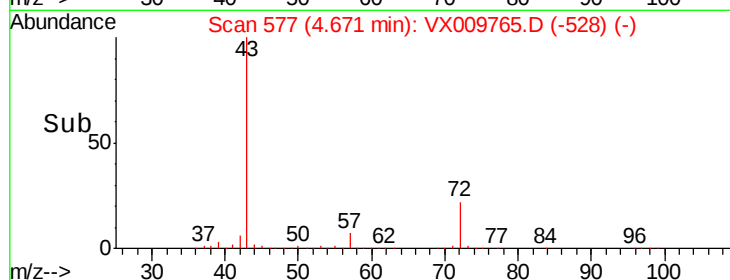
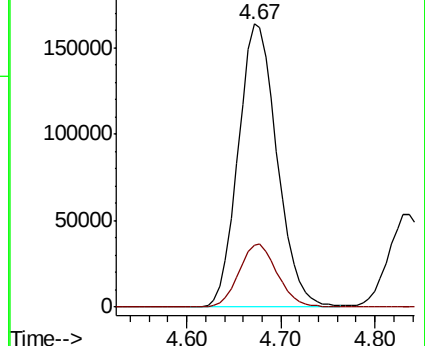
43 100

72 21.6 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: 39.230 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009765.D

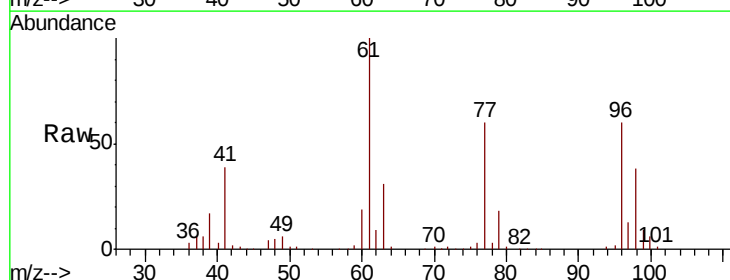
Acq: 21 May 2019 22:01

Tgt Ion: 77 Resp: 105077

Ion Ratio Lower Upper

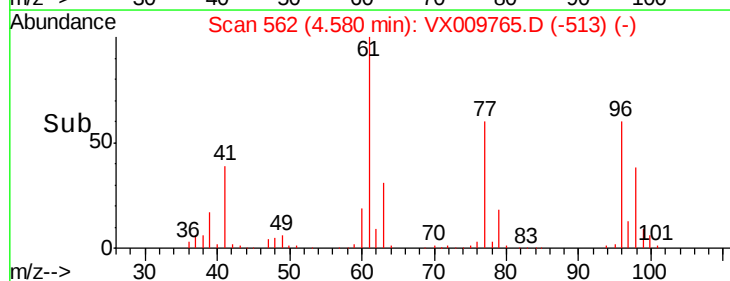
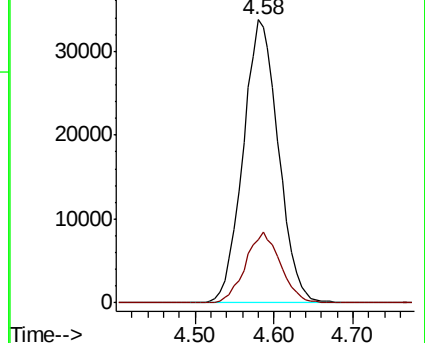
77 100

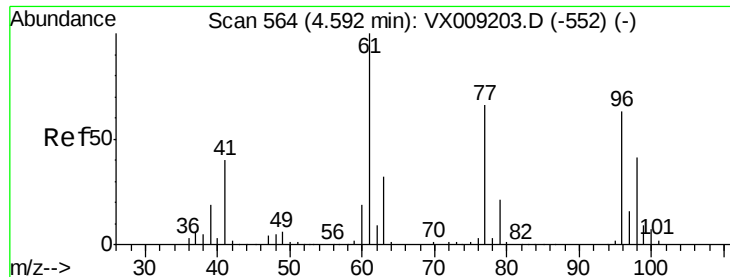
97 24.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



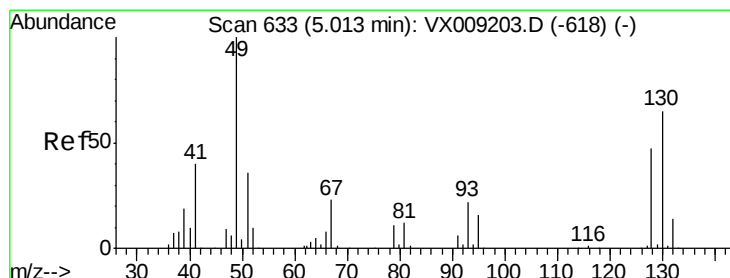
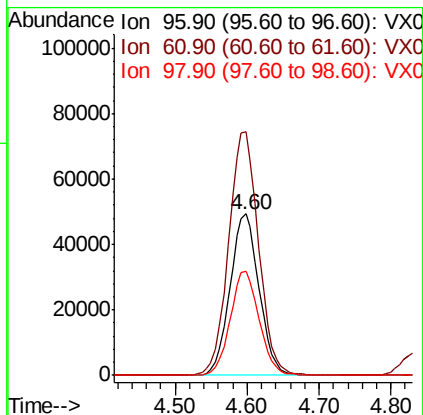
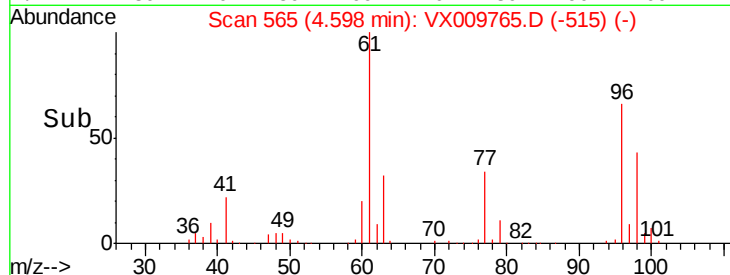
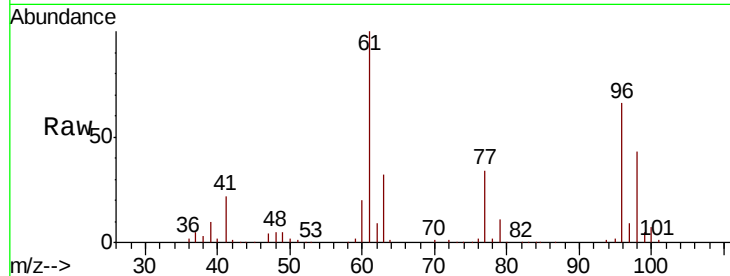


#27

cis-1,2-Dichloroethene
Concen: 68.563 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

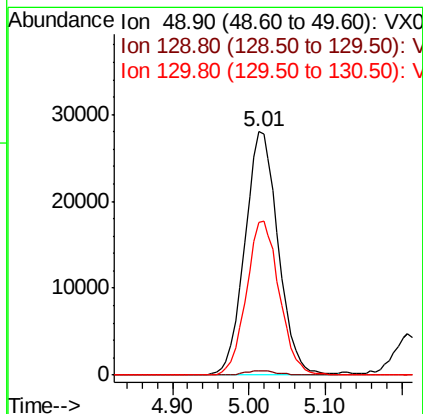
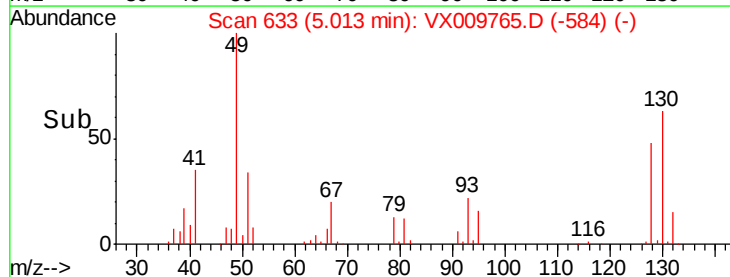
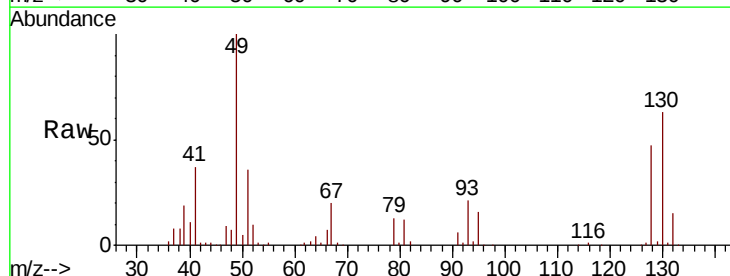
Tot Ion: 96 Resp: 138140
Ion Ratio Lower Upper
96 100
61 155.4 0.0 324.0
98 64.3 0.0 130.4

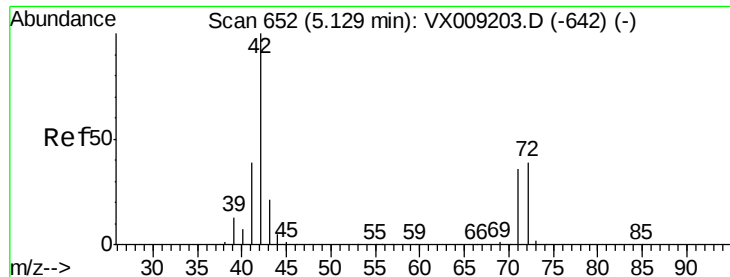


#28

Bromochloromethane
Concen: 59.223 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion: 49 Resp: 85057
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 62.3 51.2 76.8

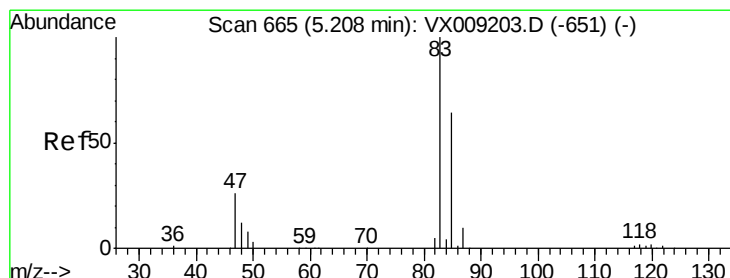
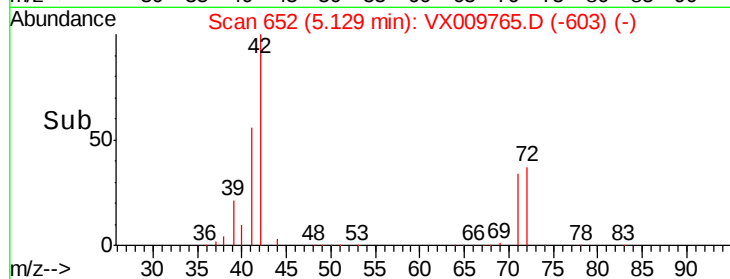
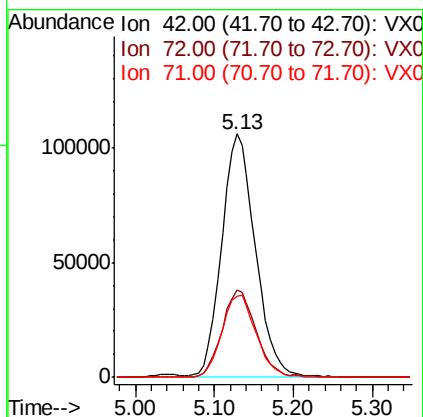
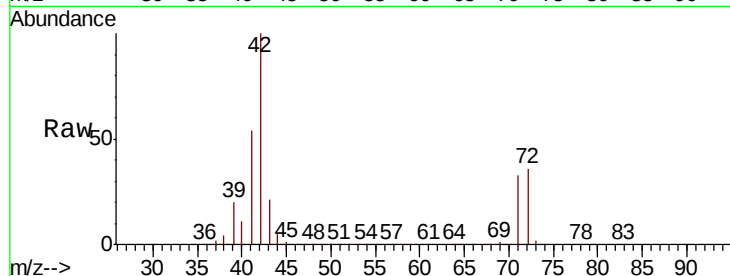




#29
Tetrahydrofuran
Concen: 256.632 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

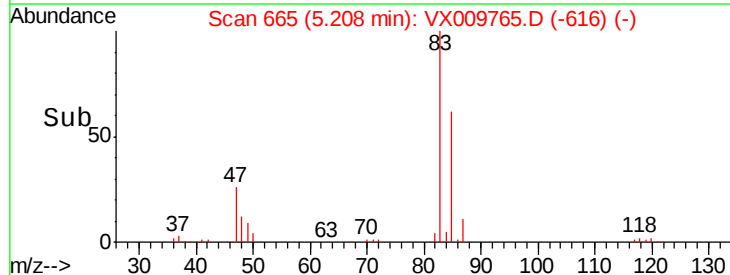
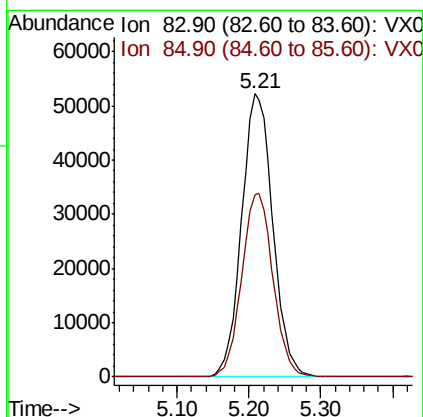
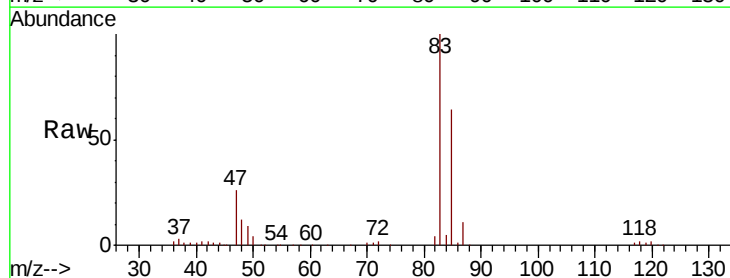
Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

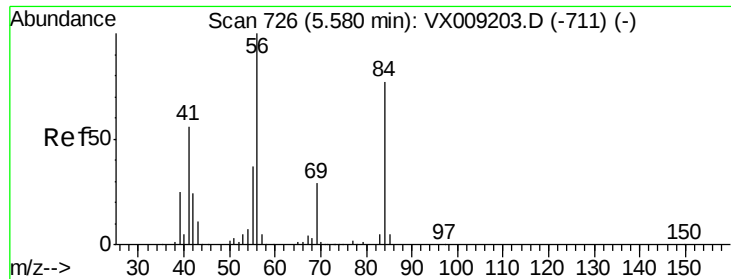
Tot Ion: 42 Resp: 312043
Ion Ratio Lower Upper
42 100
72 36.8 30.4 45.6
71 34.9 28.6 43.0



#30
Chloroform
Concen: 48.182 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion: 83 Resp: 156813
Ion Ratio Lower Upper
83 100
85 64.5 51.5 77.3

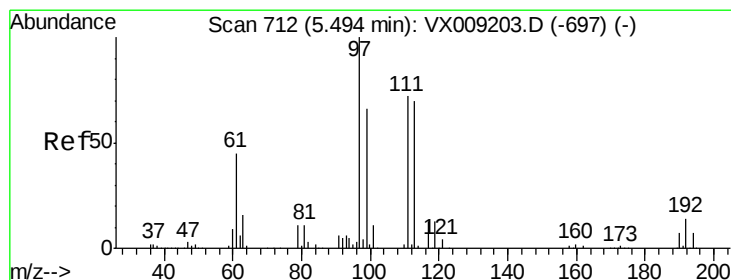
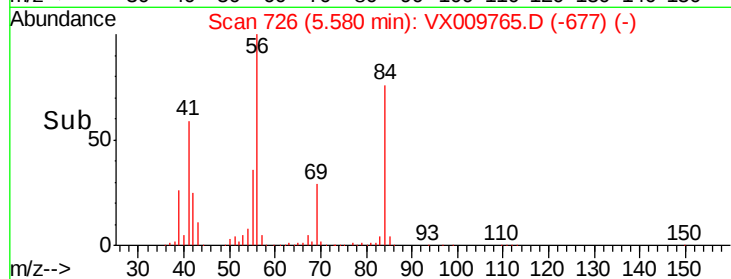
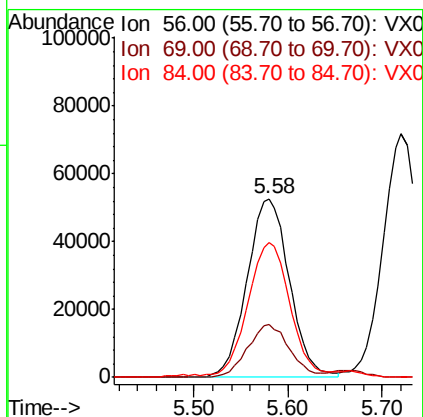
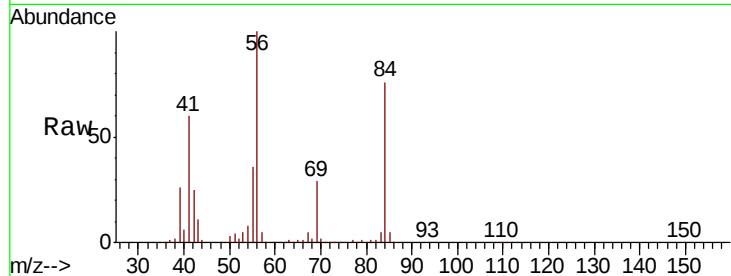




#31
Cyclohexane
Concen: 49.532 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

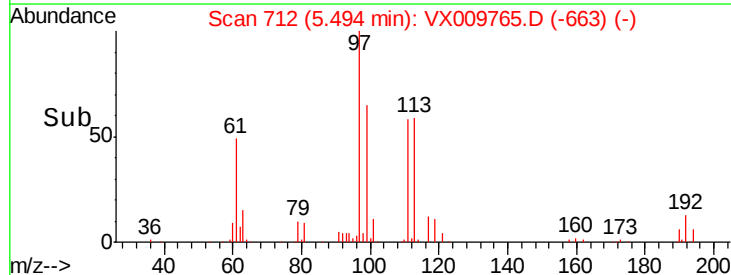
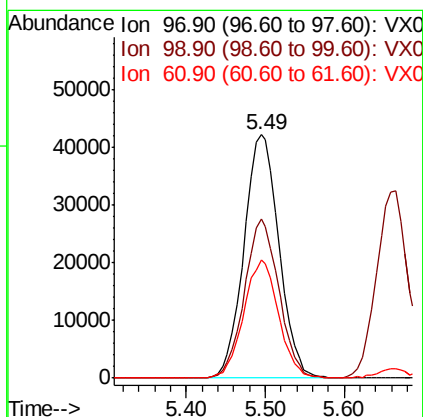
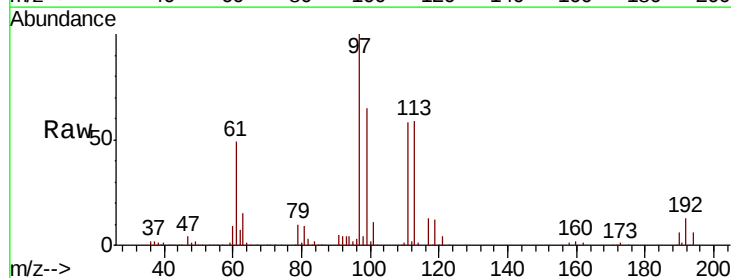
Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

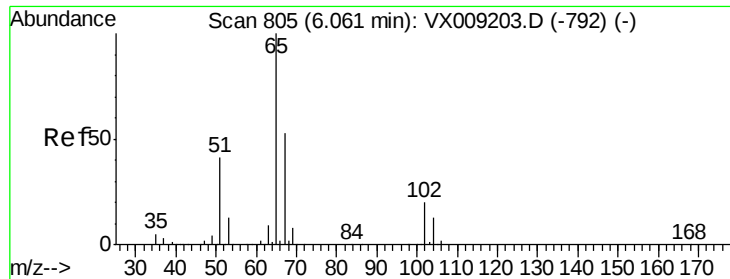
Tot Ion: 56 Resp: 165831
Ion Ratio Lower Upper
56 100
69 29.5 23.4 35.0
84 74.5 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 48.054 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion: 97 Resp: 130193
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.8
61 48.5 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 43.327 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

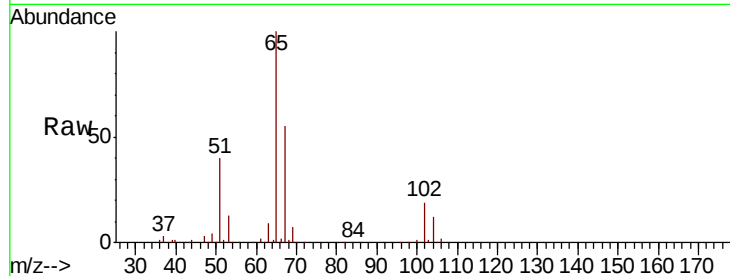
S36-0153MSD

Tot Ion: 65 Resp: 98113

Ion Ratio Lower Upper

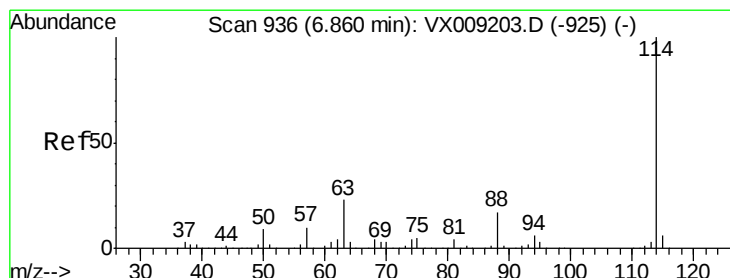
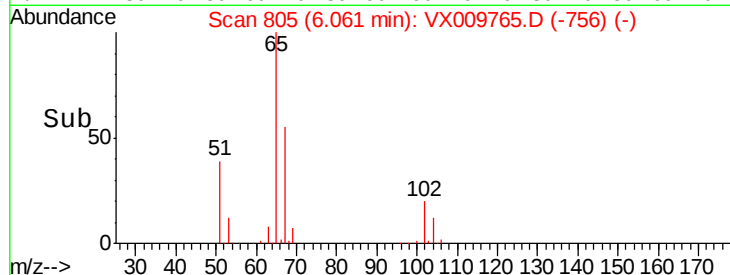
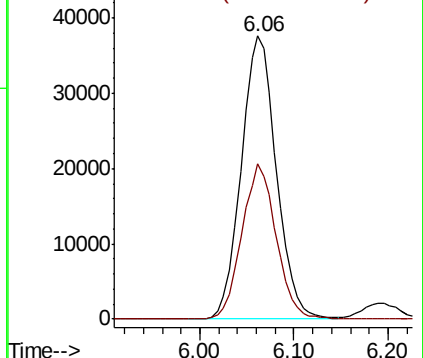
65 100

67 53.5 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: VX009765.D

Acq: 21 May 2019 22:01

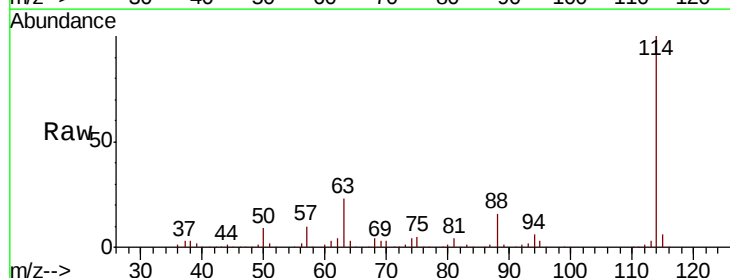
Tgt Ion: 114 Resp: 268017

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

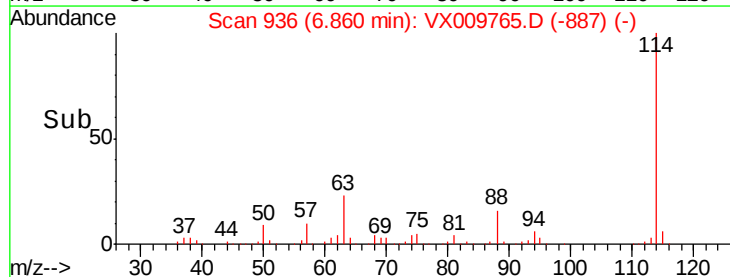
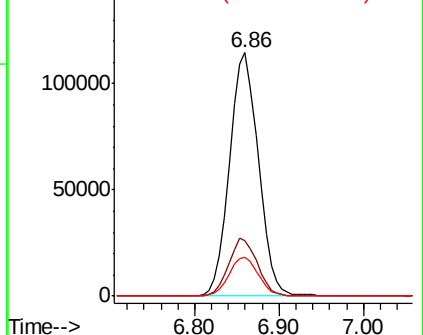
88 16.1 0.0 33.2

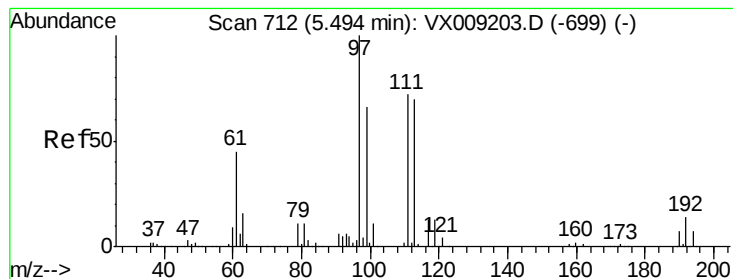


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 42.970 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

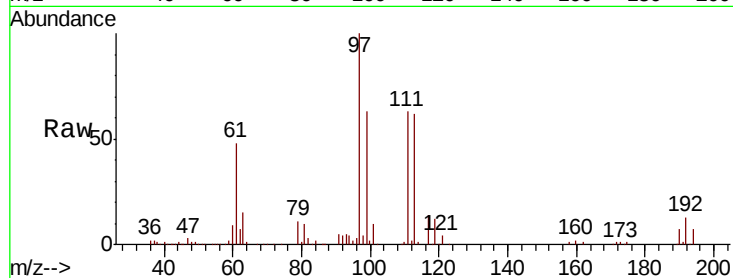
Tot Ion:113 Resp: 72398

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

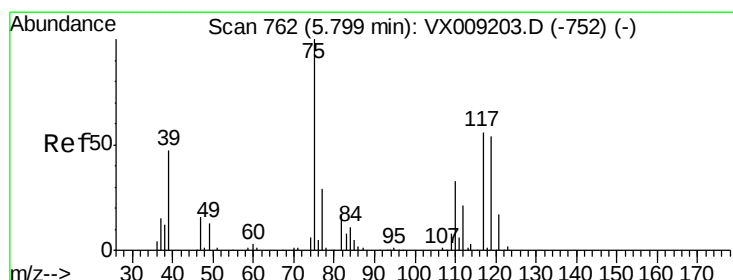
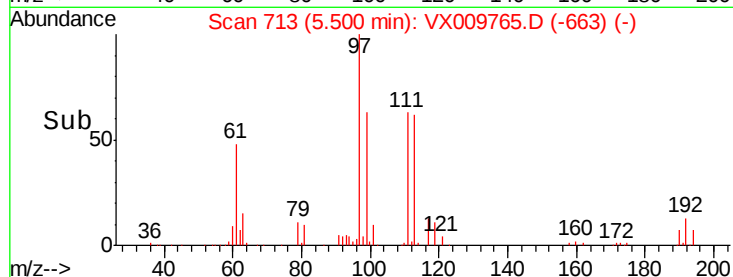
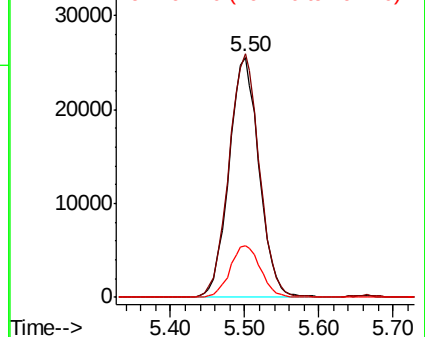
192 21.8 17.0 25.6



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: 48.618 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

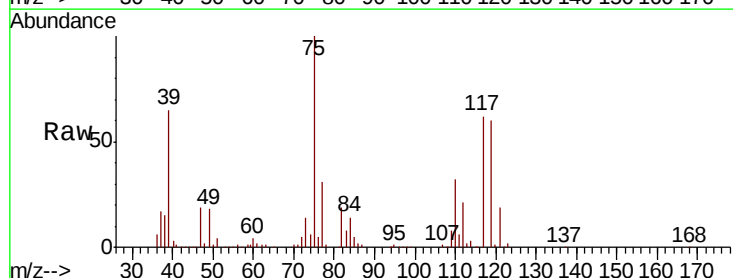
Tgt Ion: 75 Resp: 121094

Ion Ratio Lower Upper

75 100

110 33.2 16.9 50.6

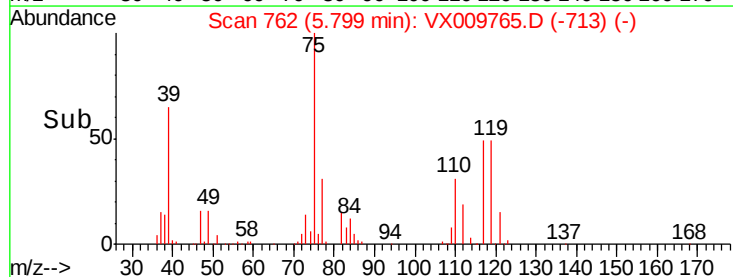
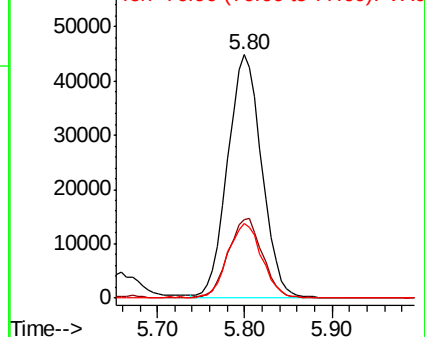
77 31.2 24.8 37.2

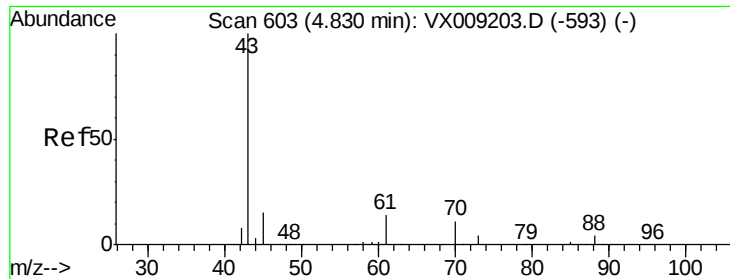


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

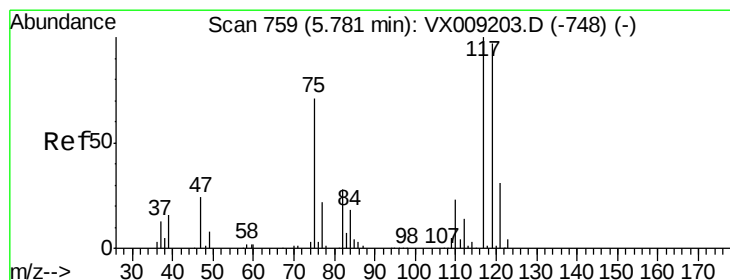
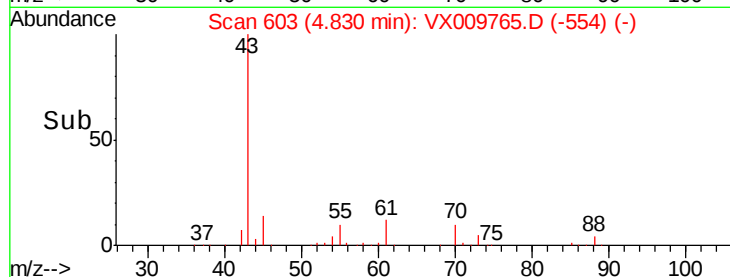
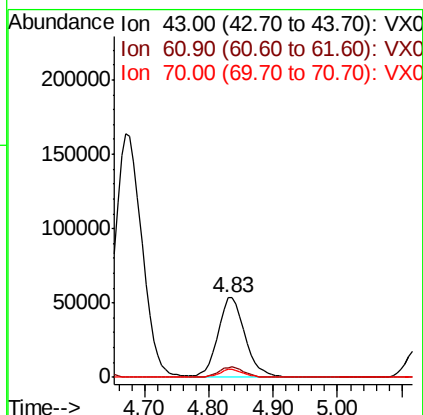
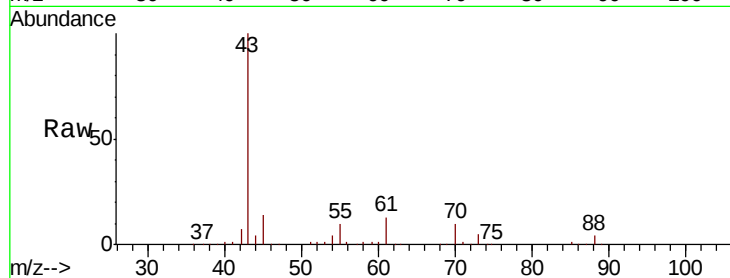




#37
Ethyl Acetate
Concen: 46.074 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

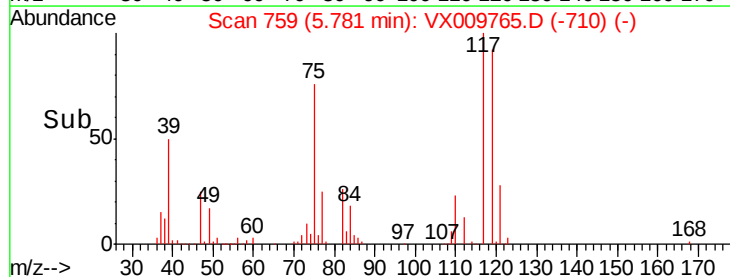
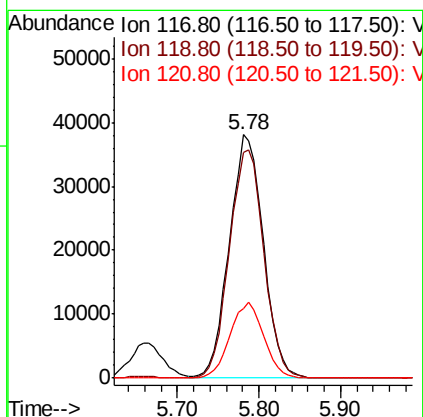
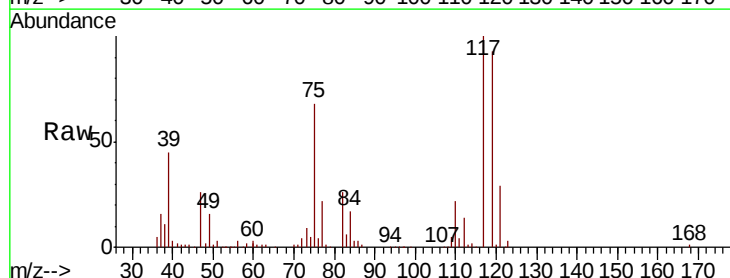
Instrument :
MSVOA_X
ClientSampled :
S36-0153MSD

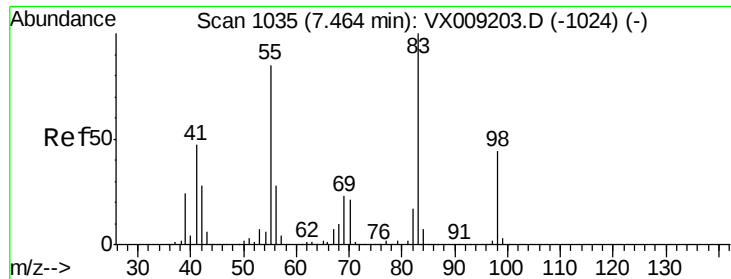
Tot Ion: 43 Resp: 159892
Ion Ratio Lower Upper
43 100
61 12.3 10.5 15.7
70 9.3 7.9 11.9



#38
Carbon Tetrachloride
Concen: 48.506 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion: 117 Resp: 109768
Ion Ratio Lower Upper
117 100
119 92.6 77.5 116.3
121 28.5 24.7 37.1

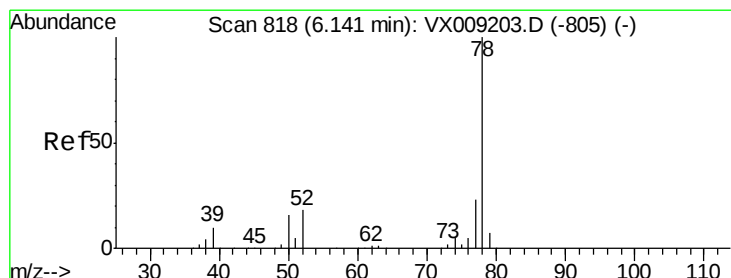
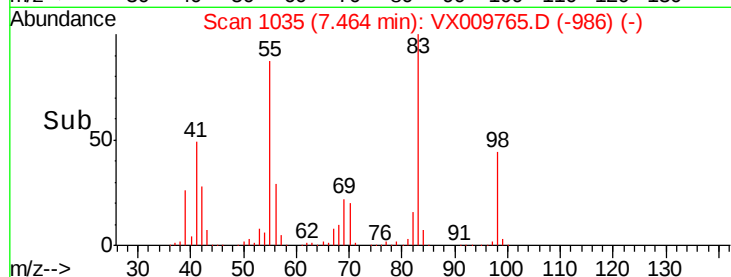
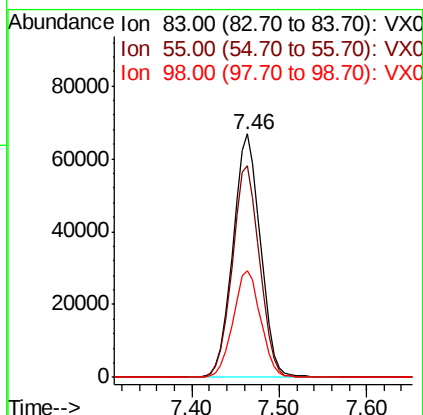
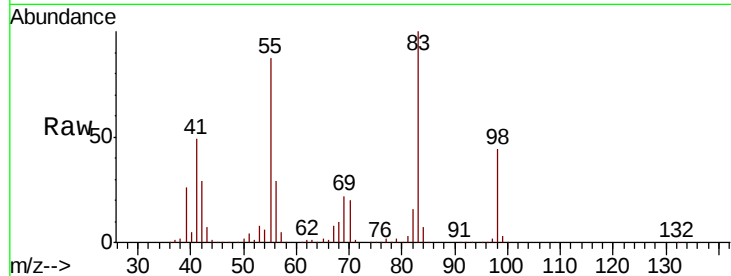




#39
Methvlcvclohexane
Concen: 47.710 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

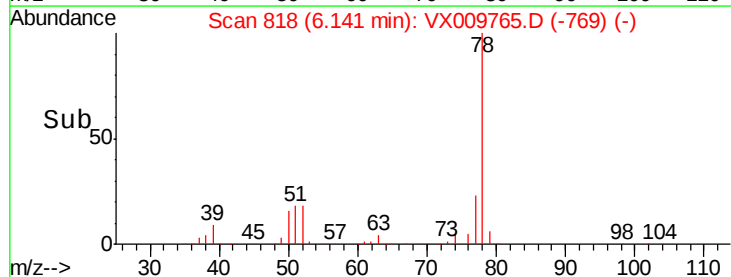
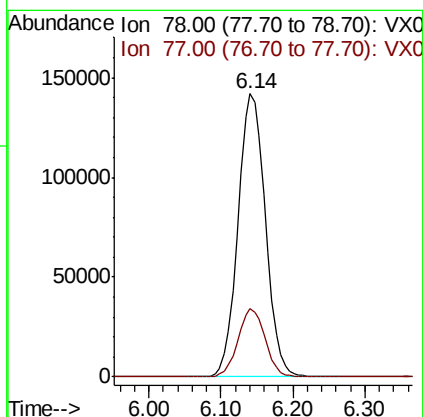
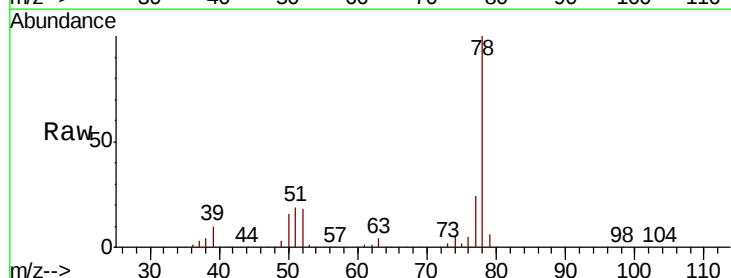
Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

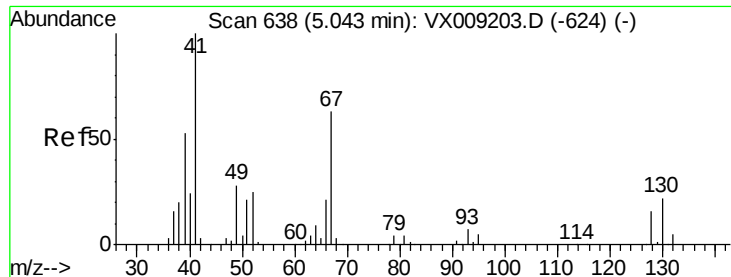
Tot Ion: 83 Resp: 145937
Ion Ratio Lower Upper
83 100
55 86.9 67.7 101.5
98 43.8 35.5 53.3



#40
Benzene
Concen: 48.665 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion: 78 Resp: 375125
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2

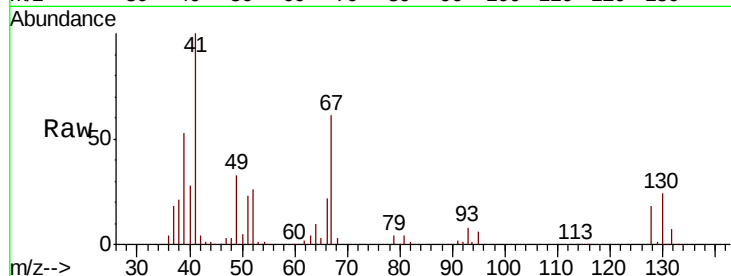




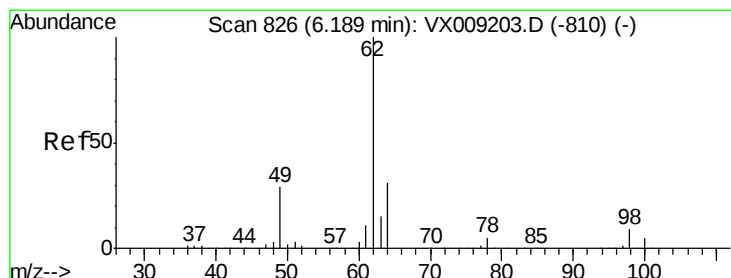
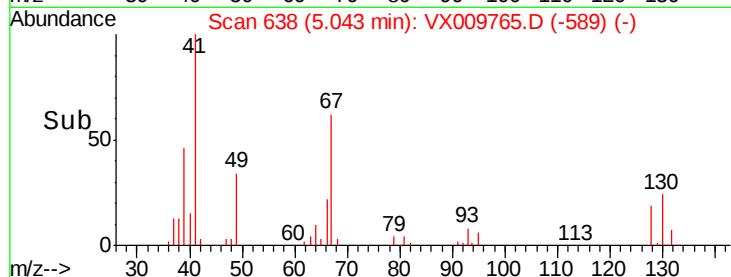
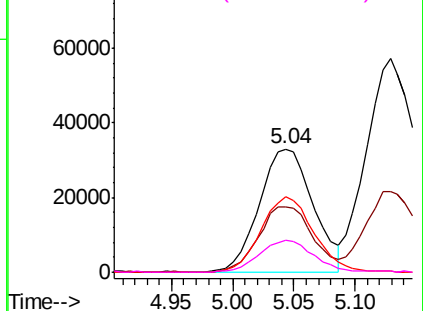
#41
Methacrylonitrile
Concen: 48.864 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

Tot Ion:	41	Resp:	100941
Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.0	63.0
67	60.6	49.8	74.8
52	26.9	20.3	30.5

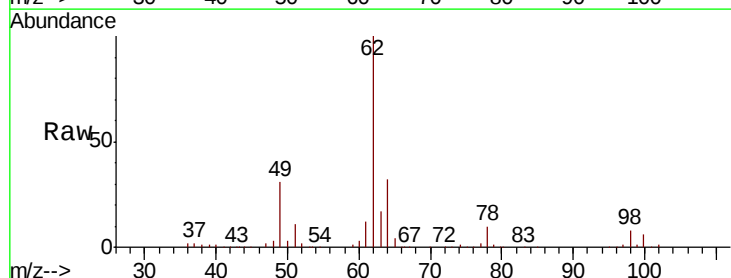


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

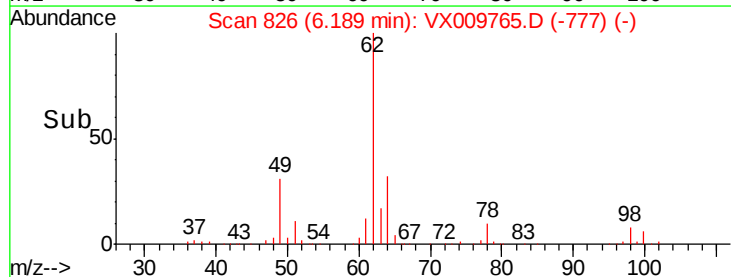
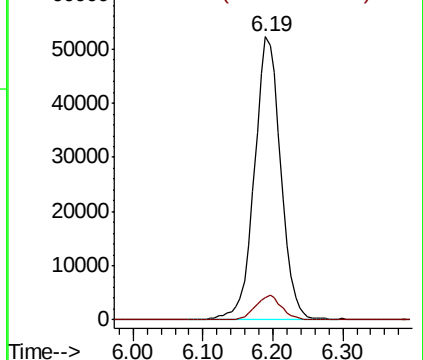


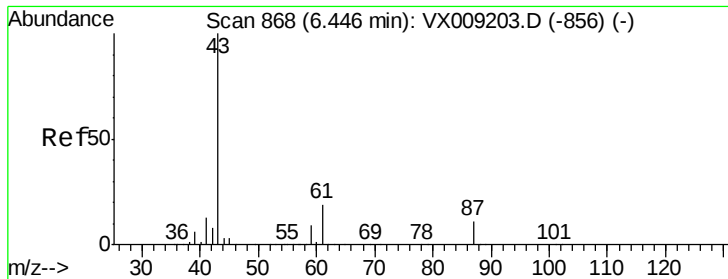
#42
1,2-Dichloroethane
Concen: 49.431 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion:	62	Resp:	136683
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



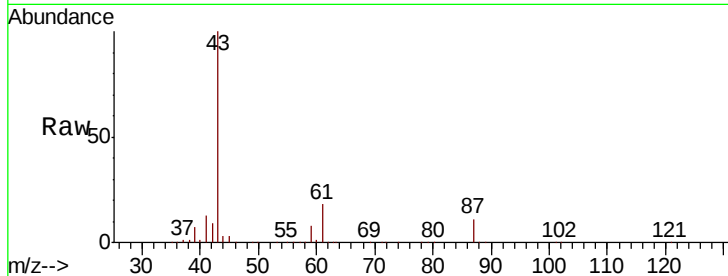


#43

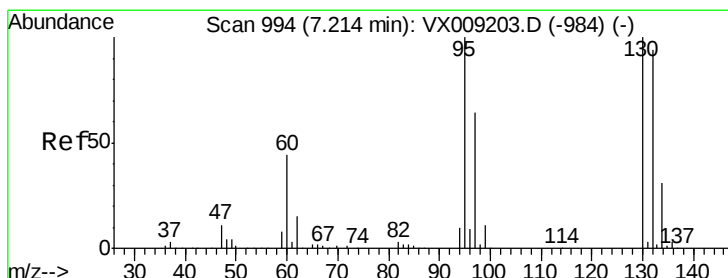
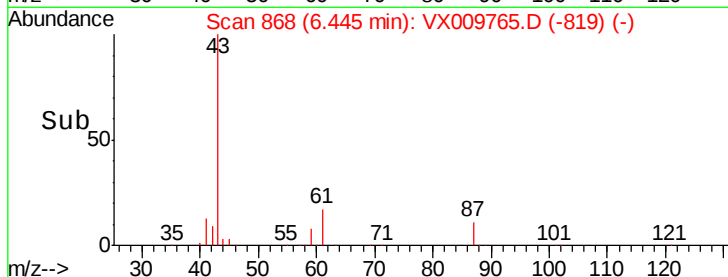
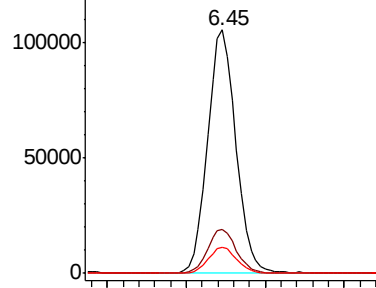
Isopropyl Acetate
 Concen: 47.023 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Instrument :
 MSVOA_X
 ClientSampled :
 S36-0153MSD

Tot Ion	43	Resp	261021
Ion Ratio	Lower	Upper	
43	100		
61	18.5	15.1	22.7
87	10.8	9.0	13.6



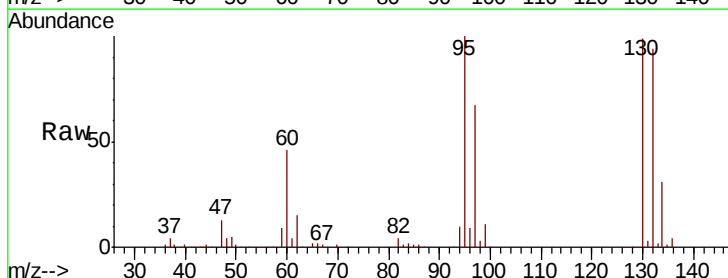
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



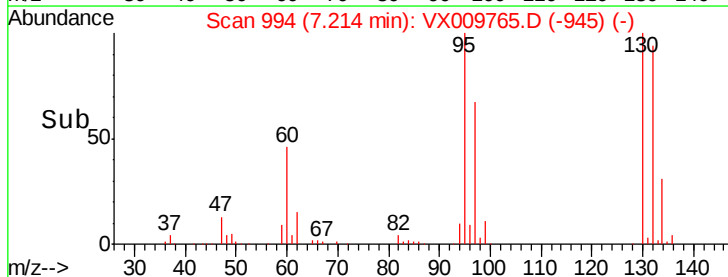
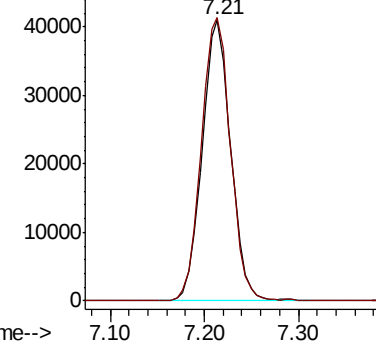
#44

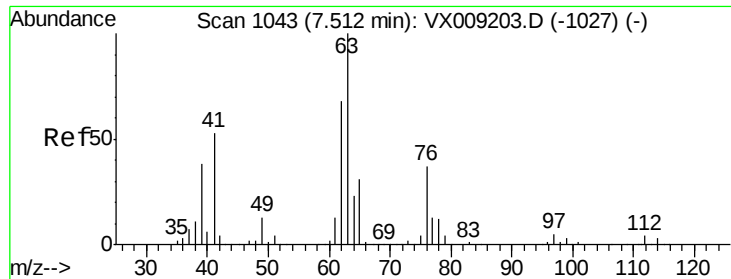
Trichloroethene
 Concen: 46.189 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion	130	Resp	86074
Ion Ratio	Lower	Upper	
130	100		
95	100.6	0.0	199.2



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

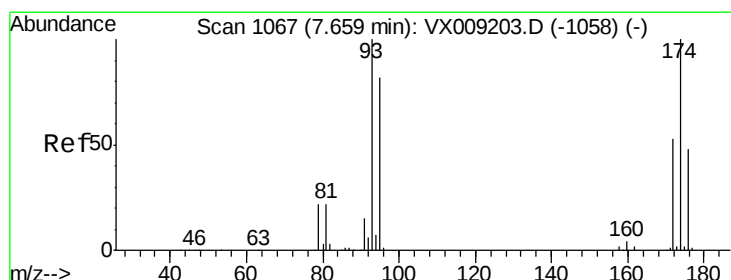
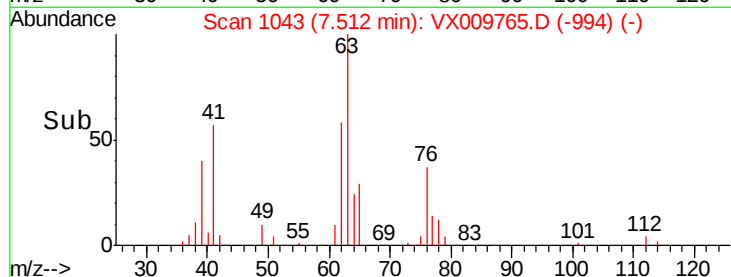
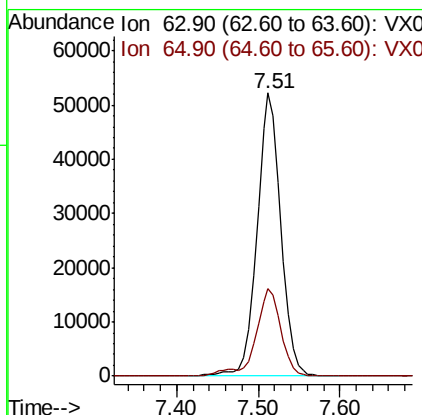
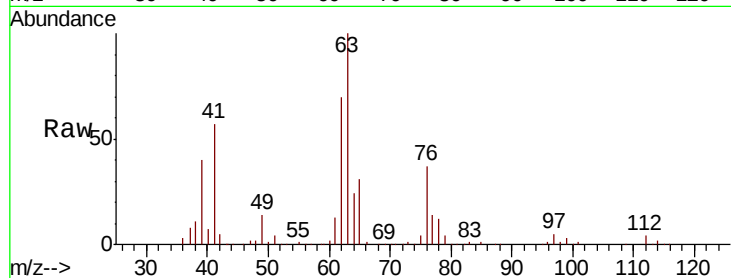




#45
 1,2-Dichloropropane
 Concen: 48.682 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

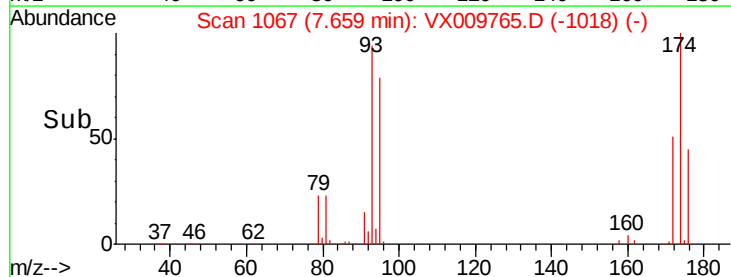
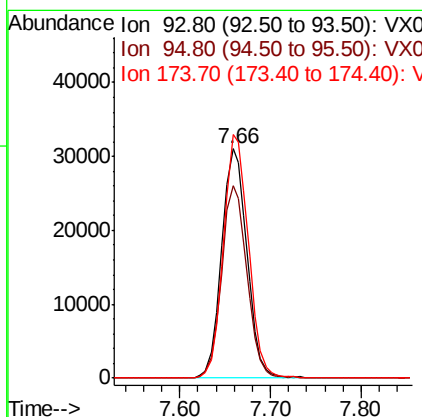
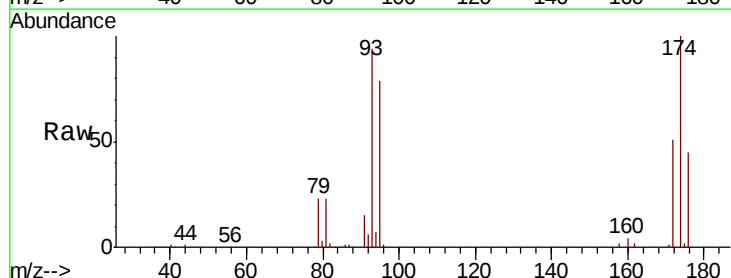
Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

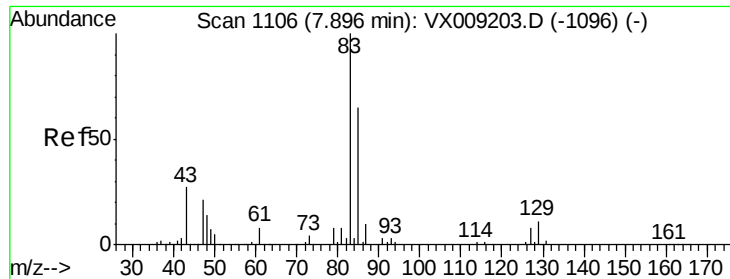
Tot Ion: 63 Resp: 106258
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.0 37.6



#46
 Dibromomethane
 Concen: 47.646 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion: 93 Resp: 60391
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.5 99.7
 174 104.4 82.1 123.1





#47

Bromodichloromethane

Concen: 48.797 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

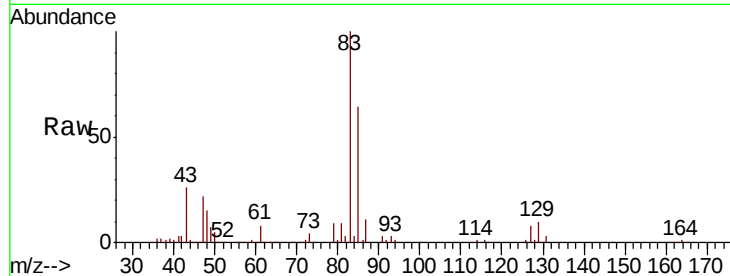
Tot Ion: 83 Resp: 123376

Ion Ratio Lower Upper

83 100

85 64.3 52.4 78.6

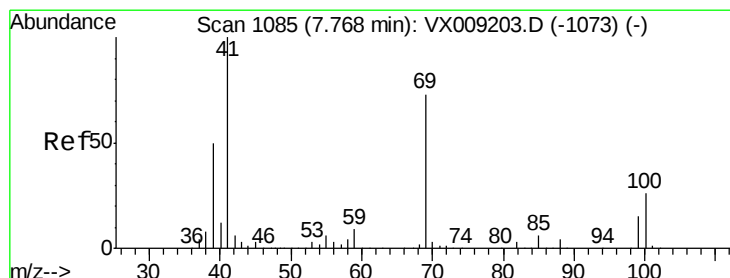
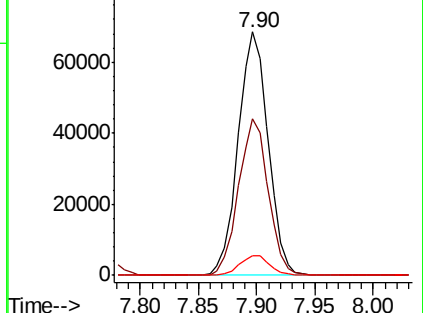
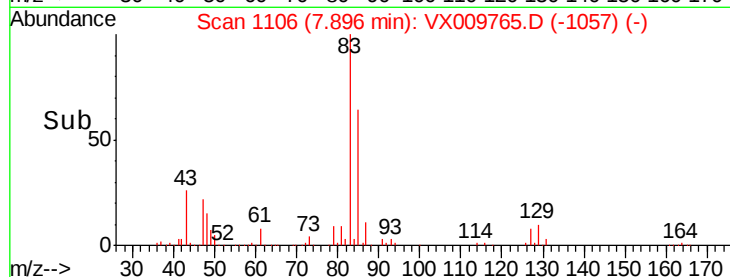
127 8.0 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): VX0



#48

Methyl methacrylate

Concen: 51.937 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

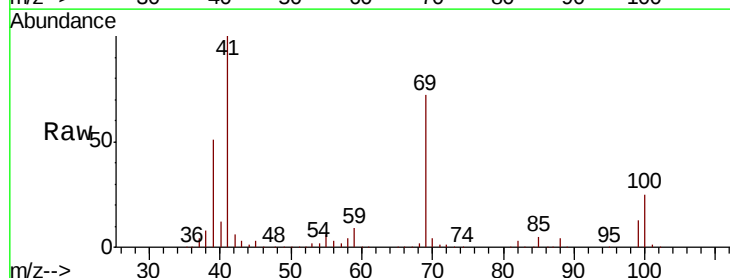
Tgt Ion: 41 Resp: 143031

Ion Ratio Lower Upper

41 100

69 71.1 59.1 88.7

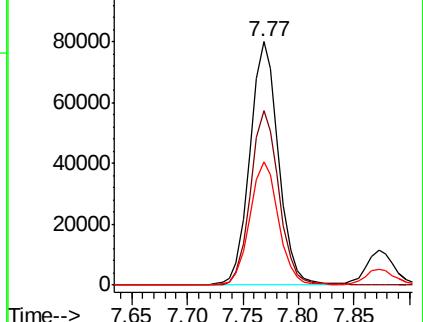
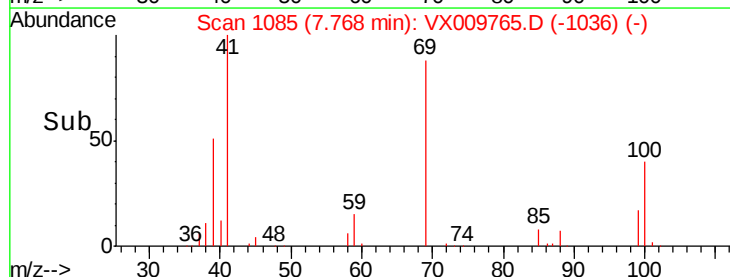
39 51.3 40.4 60.6

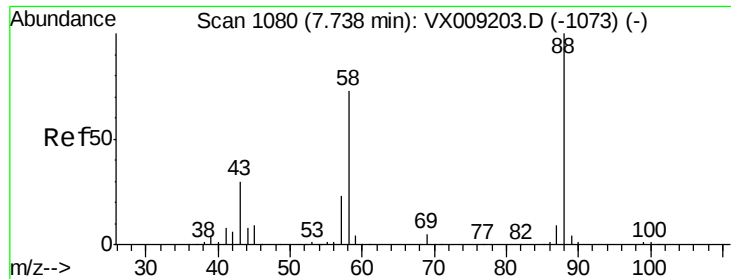


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

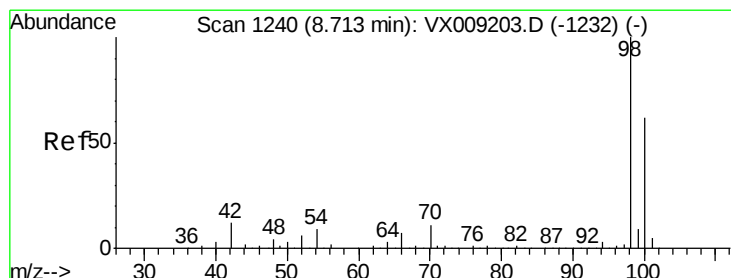
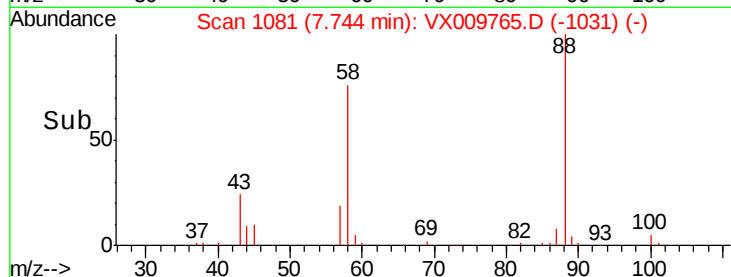
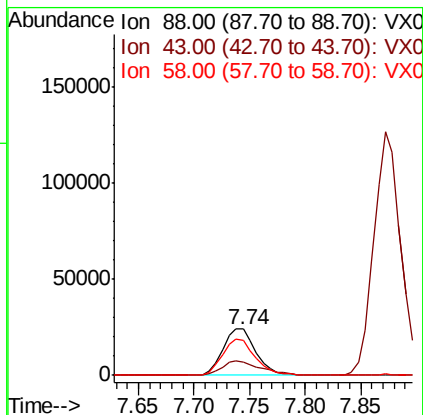
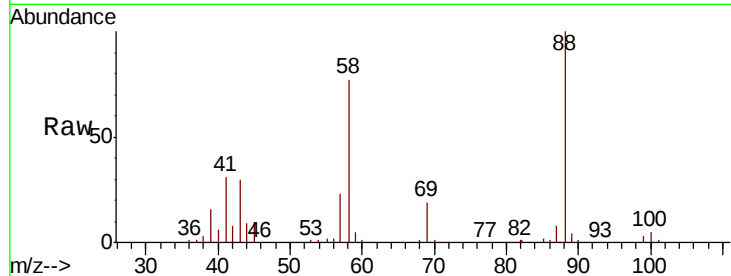




#49
1,4-Dioxane
Concen: 881.255 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

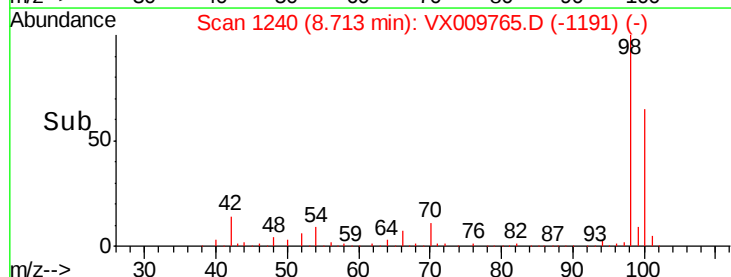
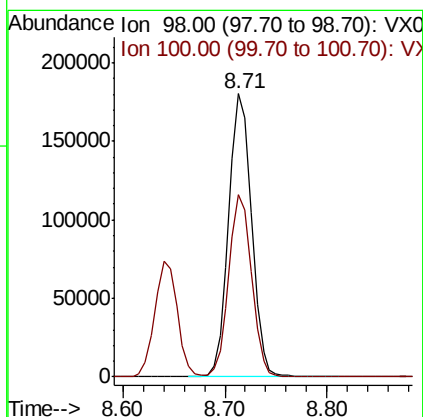
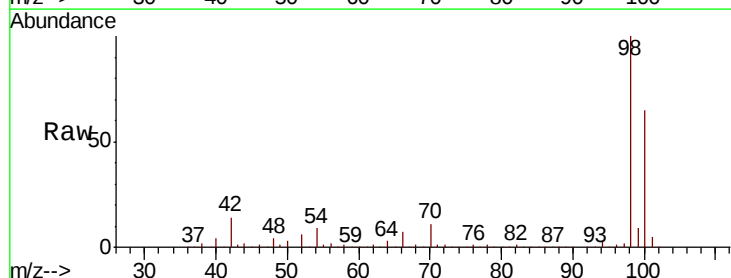
Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

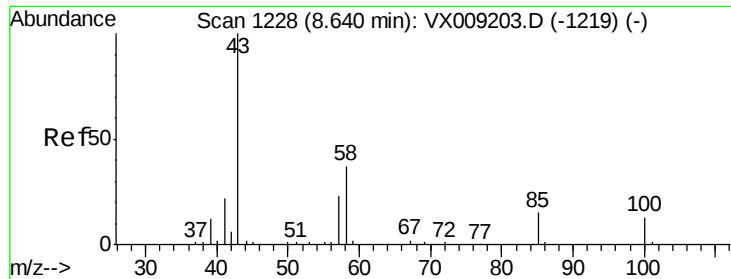
Tot Ion: 88 Resp: 49218
Ion Ratio Lower Upper
88 100
43 37.3 28.6 42.8
58 80.4 61.7 92.5



#50
Toluene-d8
Concen: 41.282 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion: 98 Resp: 280808
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8

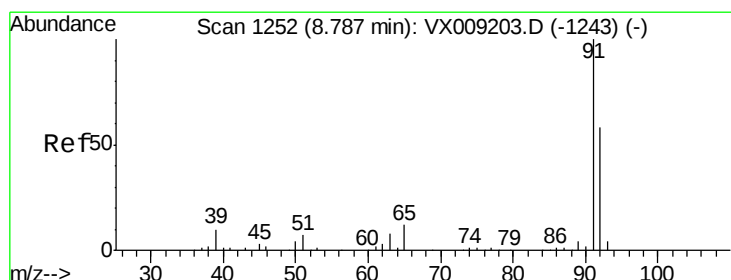
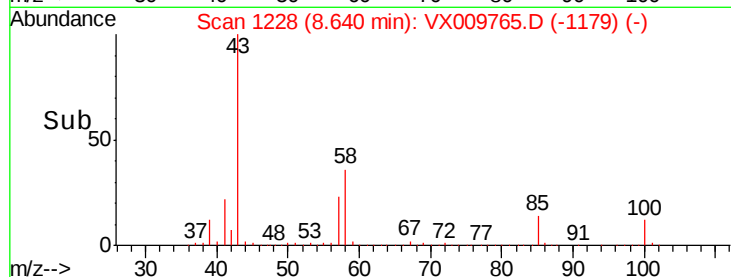
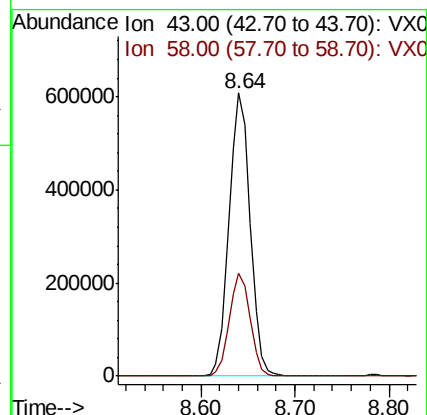
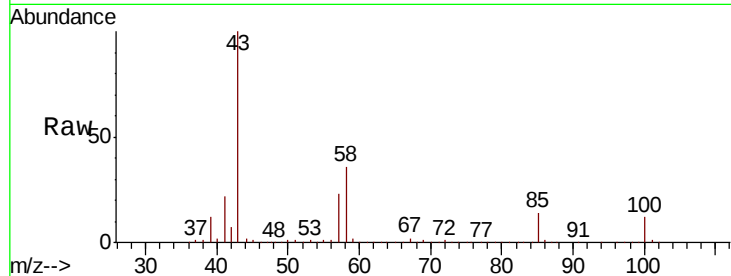




#51
4-Methyl-2-Pentanone
Concen: 260.612 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

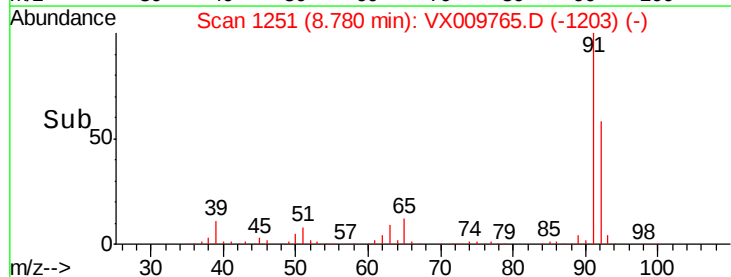
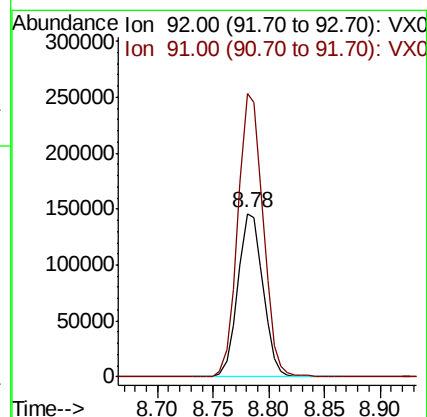
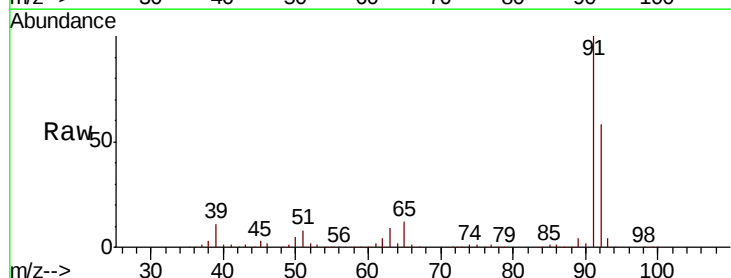
Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

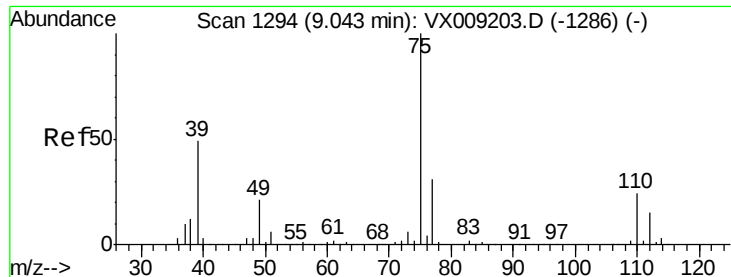
Tot Ion: 43 Resp: 945555
Ion Ratio Lower Upper
43 100
58 35.9 29.5 44.3



#52
Toluene
Concen: 48.952 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion: 92 Resp: 229376
Ion Ratio Lower Upper
92 100
91 173.7 138.8 208.2

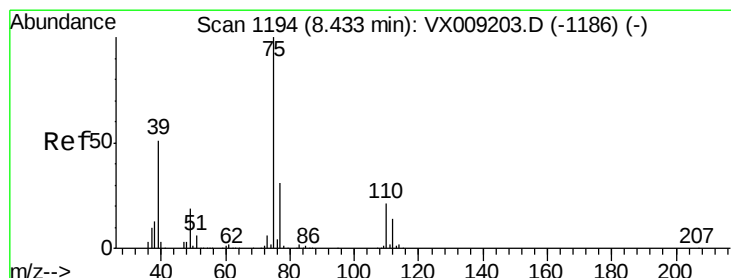
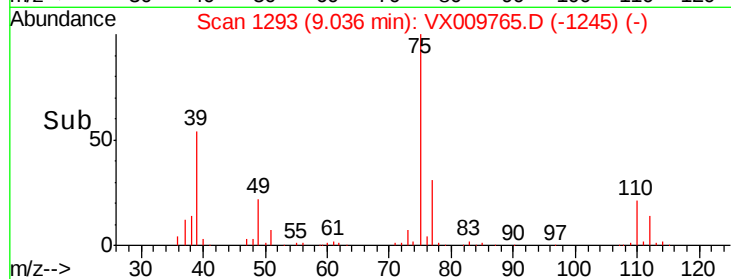
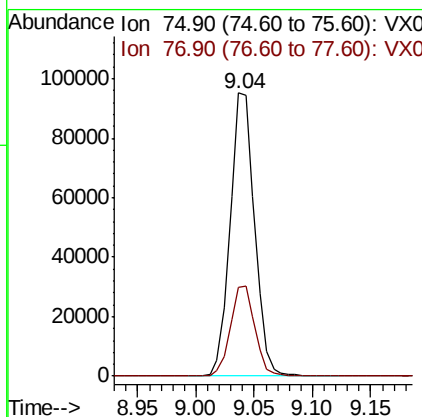
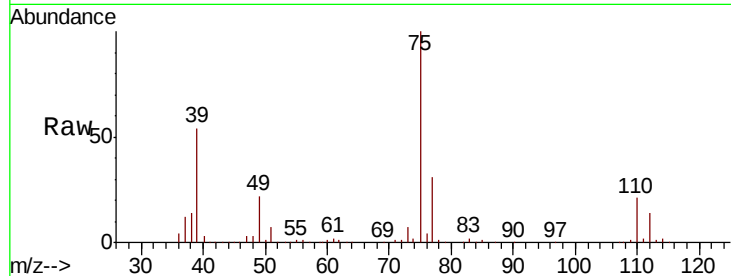




#53
 t-1,3-Dichloropropene
 Concen: 48.919 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

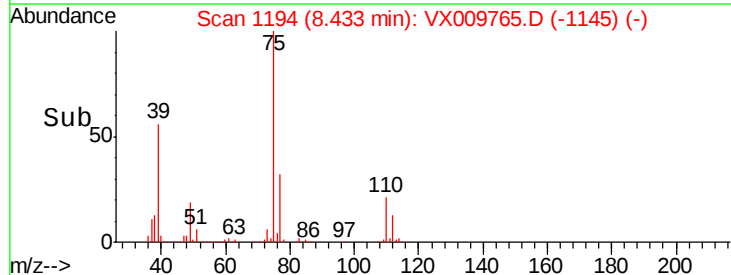
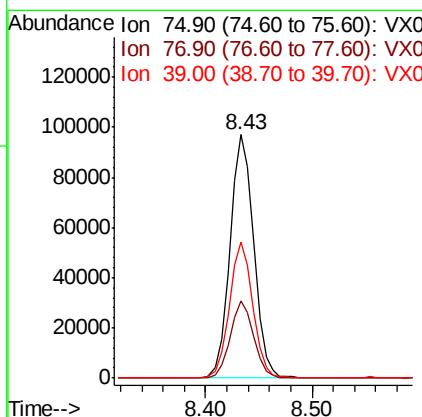
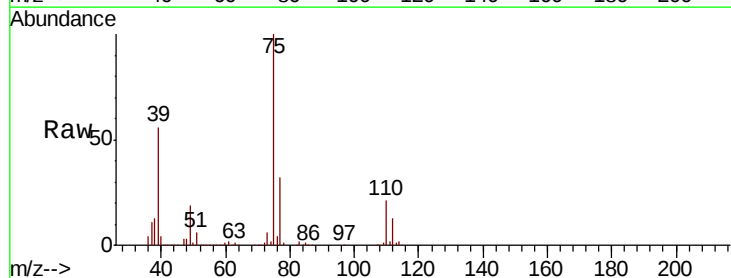
Instrument :
 MSVOA_X
 ClientSampled :
 S36-0153MSD

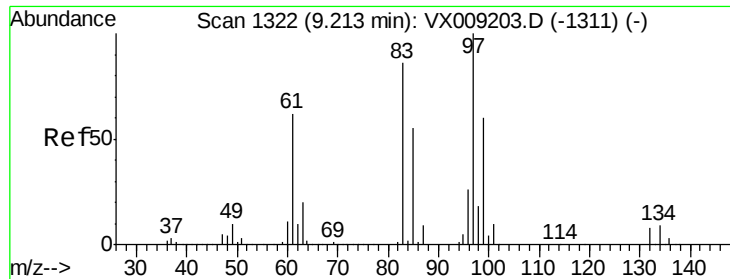
Tot Ion: 75 Resp: 139640
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 48.120 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion: 75 Resp: 152038
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.6 36.8
 39 55.7 40.6 60.8





#55

1,1,2-Trichloroethane

Concen: 47.980 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

Tot Ion: 97 Resp: 91720

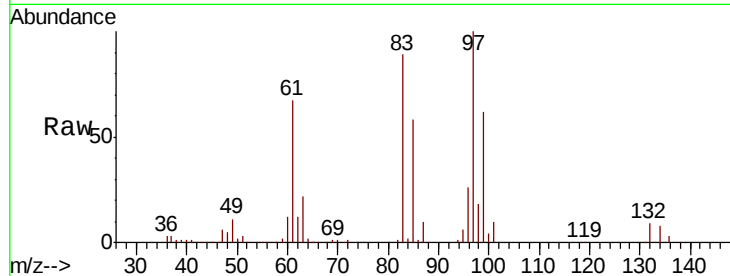
Ion Ratio Lower Upper

97 100

83 89.1 68.9 103.3

85 58.0 43.8 65.6

99 61.4 48.2 72.2



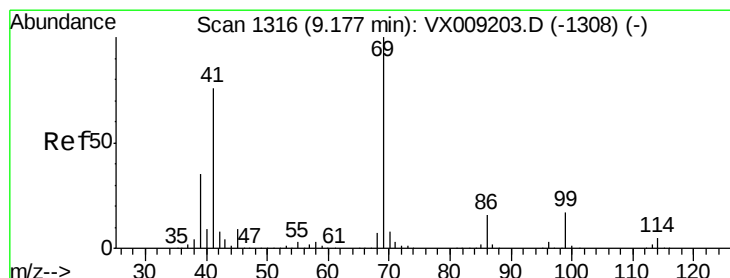
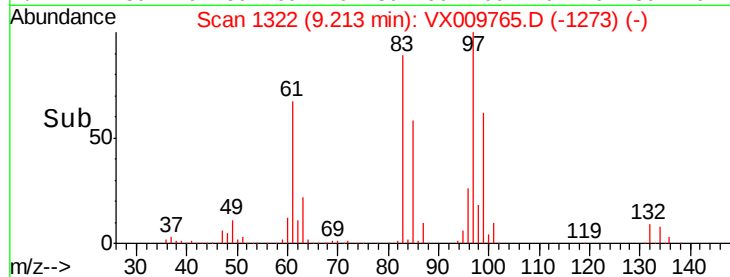
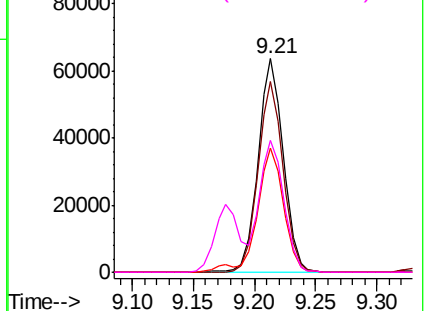
Abundance

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: 50.284 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

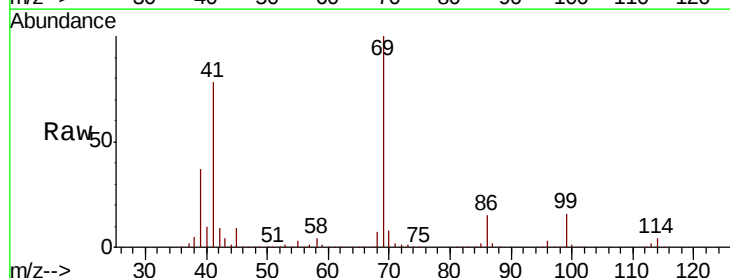
Tgt Ion: 69 Resp: 171588

Ion Ratio Lower Upper

69 100

41 77.9 60.6 90.8

39 37.6 28.2 42.4

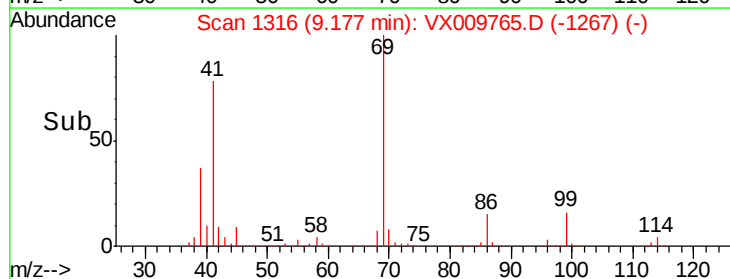
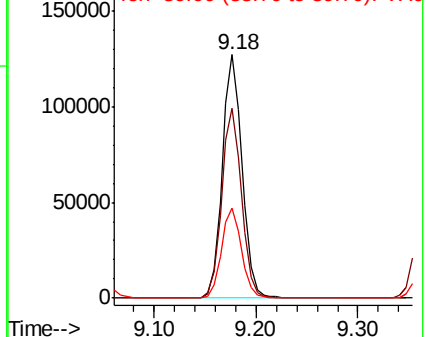


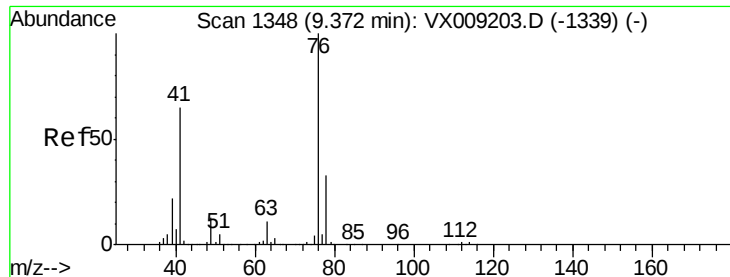
Abundance

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

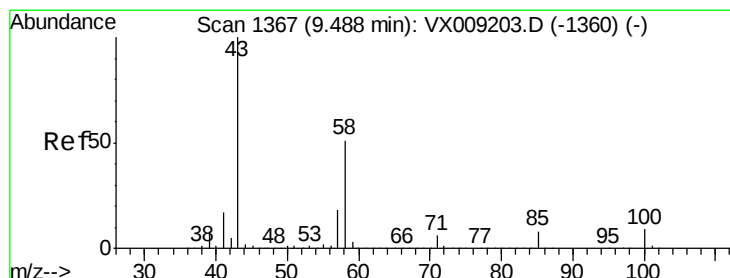
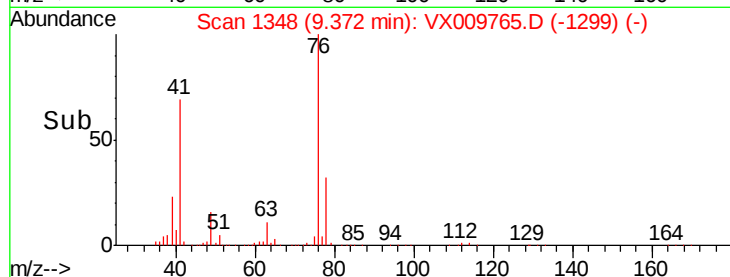
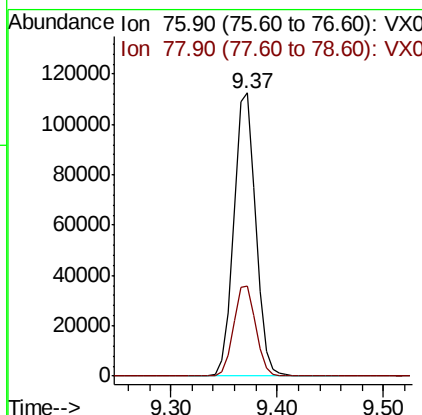
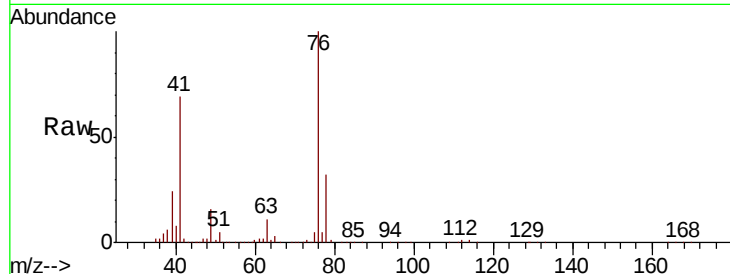




#57
 1,3-Dichloropropane
 Concen: 48.403 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

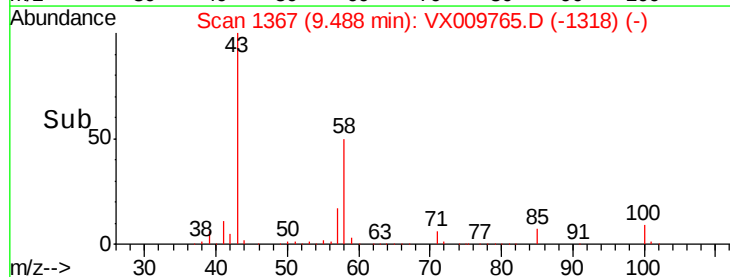
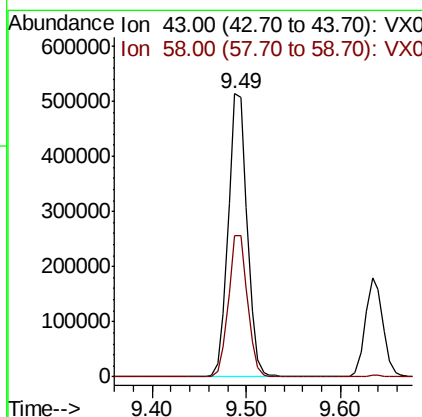
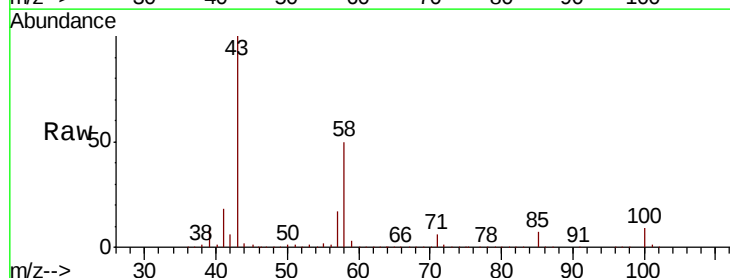
Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

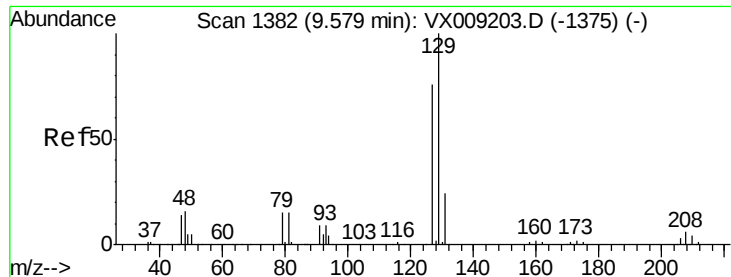
Tot Ion: 76 Resp: 162827
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.5 38.3



#59
 2-Hexanone
 Concen: 251.162 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion: 43 Resp: 715700
 Ion Ratio Lower Upper
 43 100
 58 50.3 25.9 77.7

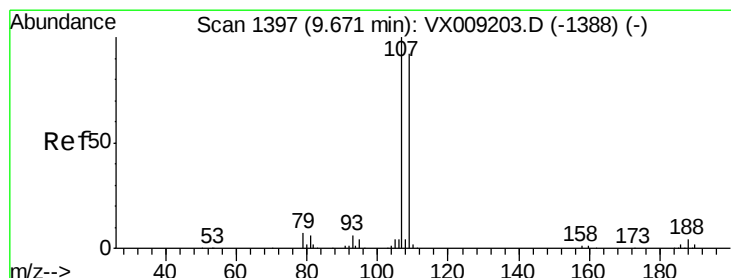
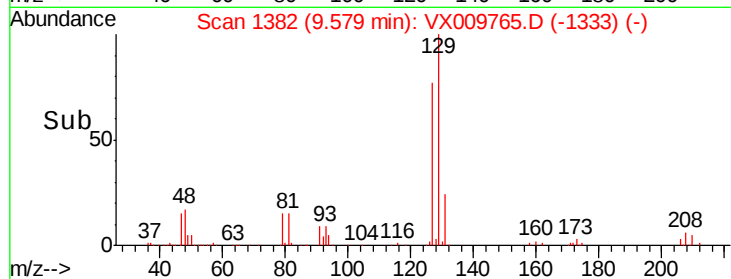
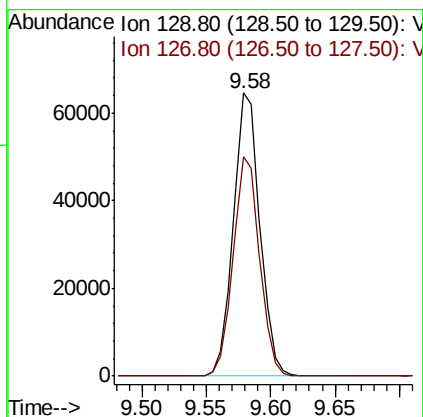
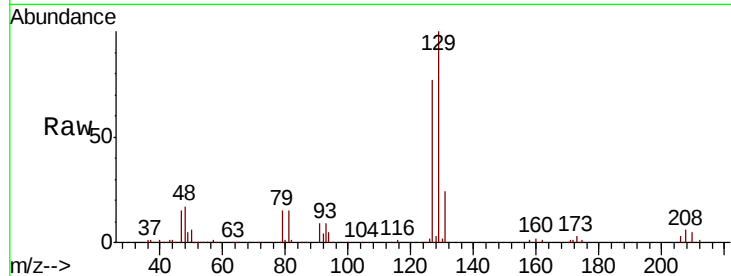




#60
 Dibromochloromethane
 Concen: 49.709 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

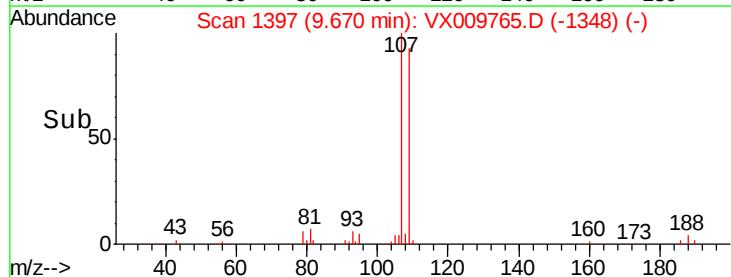
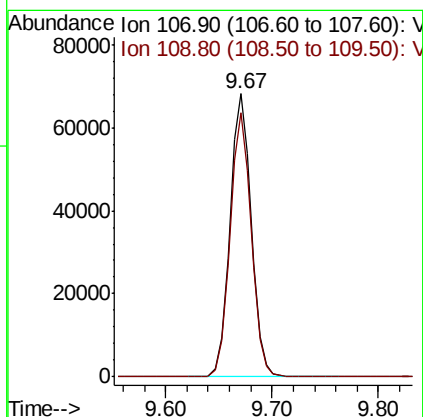
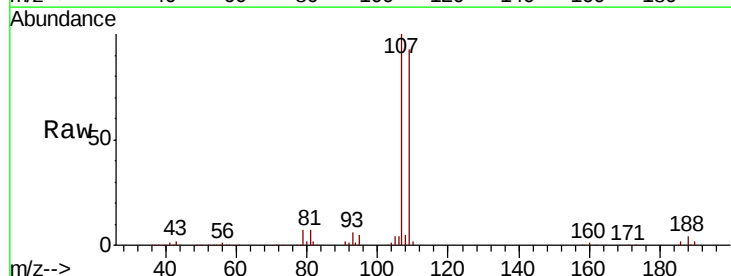
Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

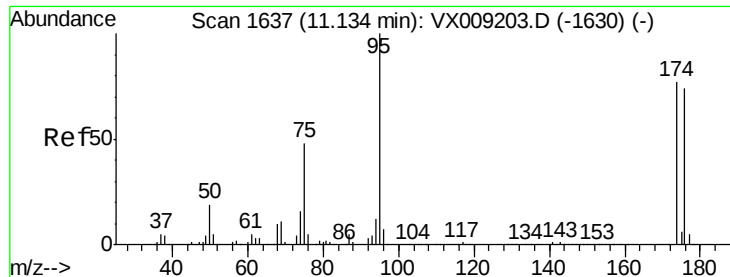
Tot Ion:129 Resp: 92810
 Ion Ratio Lower Upper
 129 100
 127 77.2 38.4 115.1



#61
 1,2-Dibromoethane
 Concen: 49.385 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion:107 Resp: 95297
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.2 112.8





#62

4-Bromofluorobenzene

Concen: 43.326 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

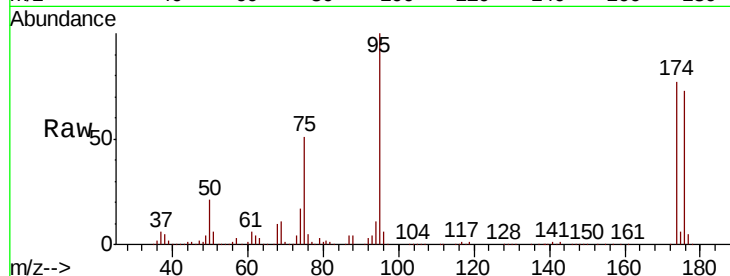
Tot Ion: 95 Resp: 107087

Ion Ratio Lower Upper

95 100

174 81.5 0.0 161.6

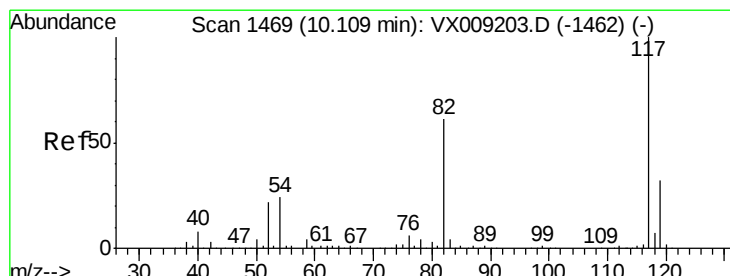
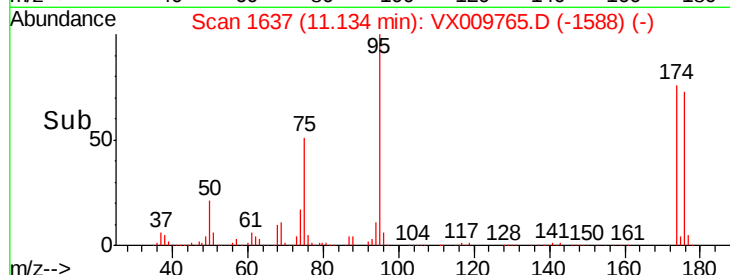
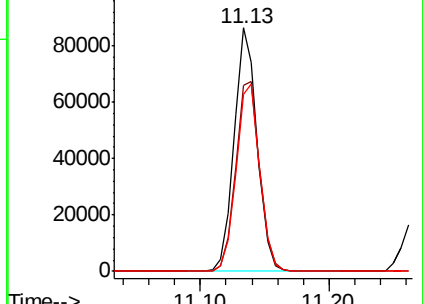
176 78.9 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009765.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009765.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009765.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

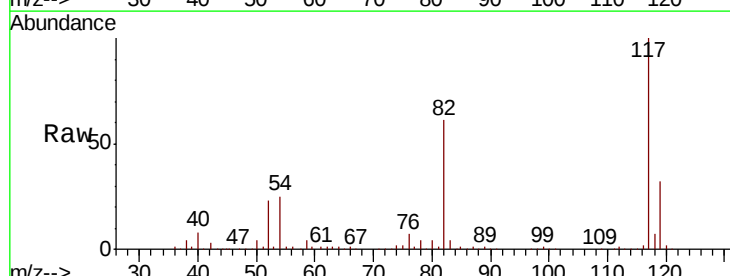
Tgt Ion: 117 Resp: 246962

Ion Ratio Lower Upper

117 100

82 61.1 48.8 73.2

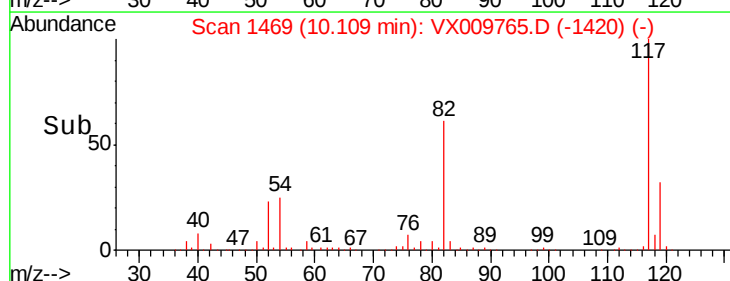
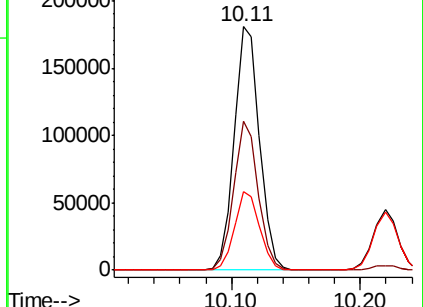
119 32.2 25.8 38.6

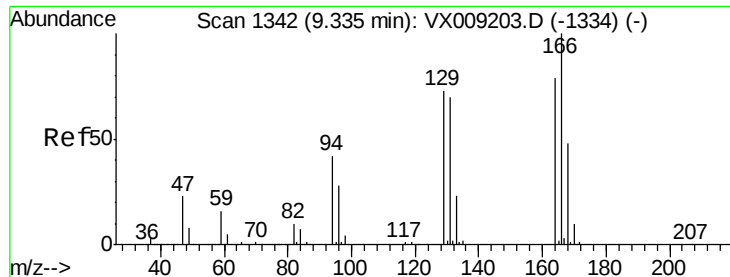


Abundance Ion 116.90 (116.60 to 117.60): VX009765.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009765.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009765.D (-1420) (-)

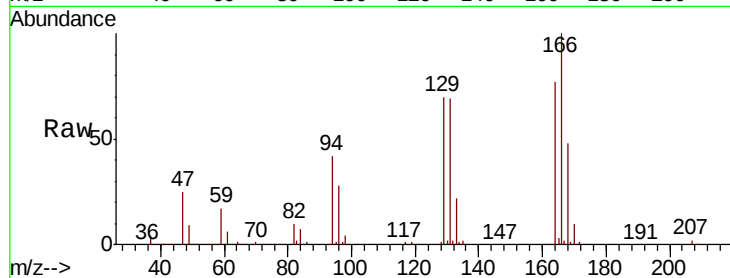




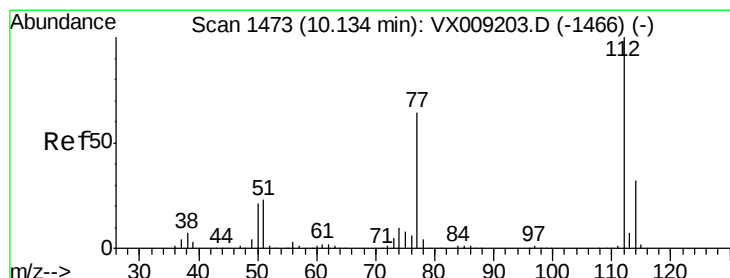
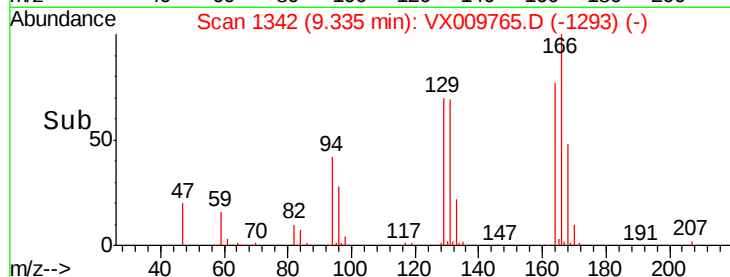
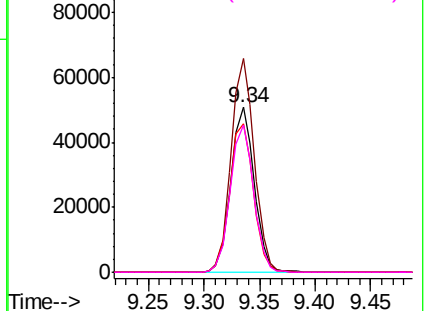
#64
Tetrachloroethene
Concen: 43.740 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

Tot Ion:164 Resp: 74098
Ion Ratio Lower Upper
164 100
166 129.6 101.2 151.8
129 90.4 74.3 111.5
131 89.4 71.0 106.6

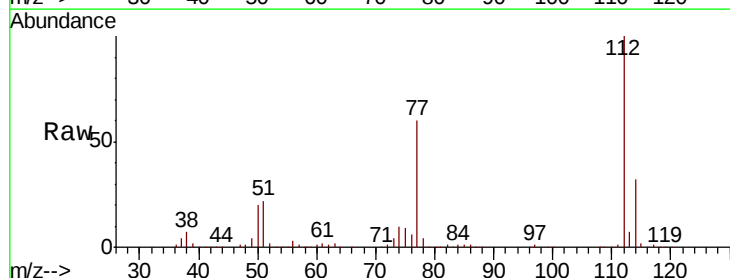


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

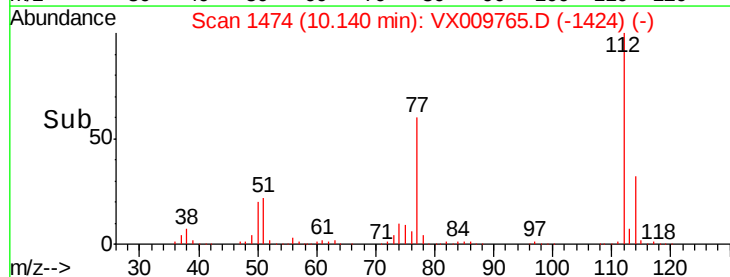
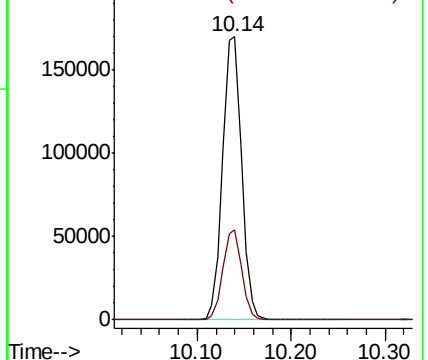


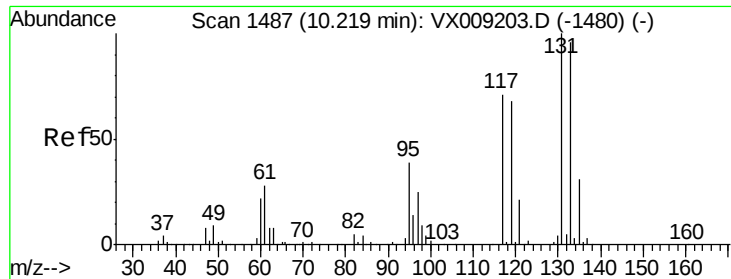
#65
Chlorobenzene
Concen: 48.387 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion:112 Resp: 239049
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

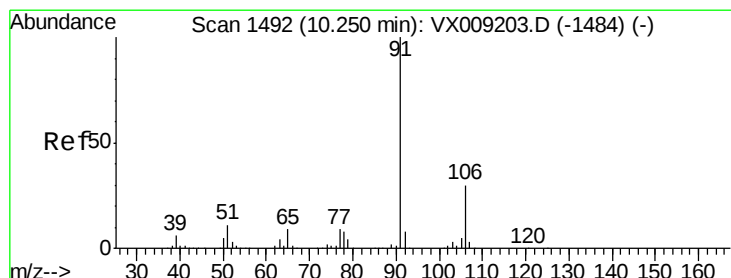
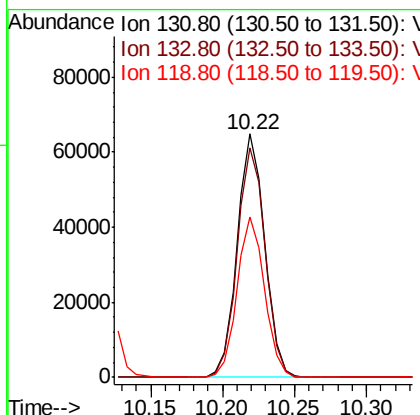
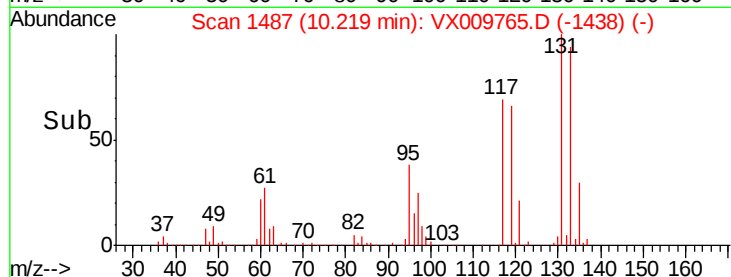
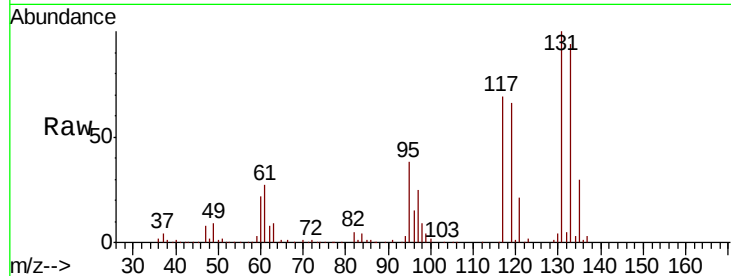




#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.169 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

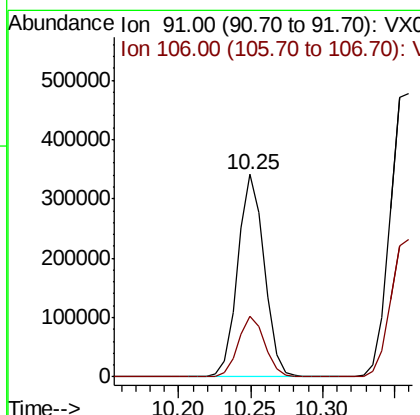
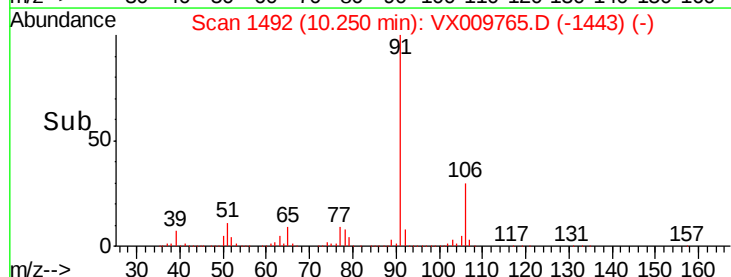
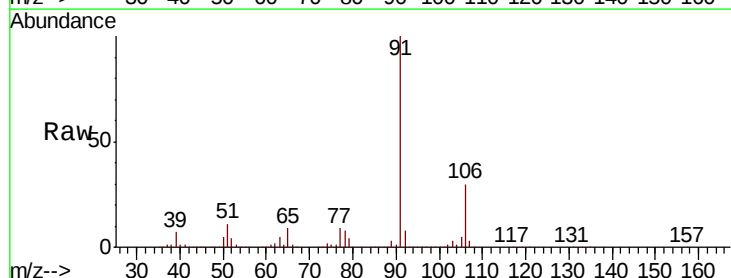
Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

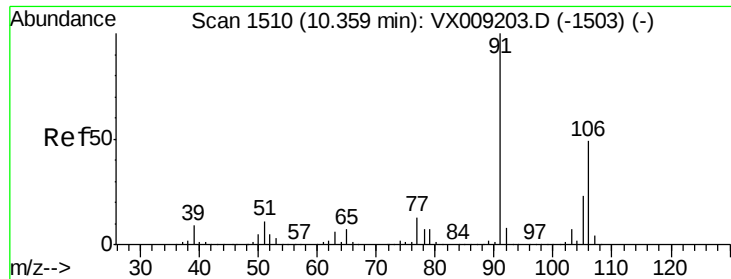
Tot Ion:131 Resp: 86274
 Ion Ratio Lower Upper
 131 100
 133 95.3 47.7 143.1
 119 65.7 33.5 100.4



#67
 Ethyl Benzene
 Concen: 48.073 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion: 91 Resp: 437090
 Ion Ratio Lower Upper
 91 100
 106 30.2 24.0 36.0

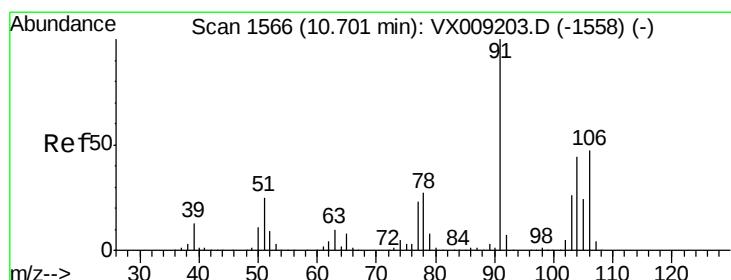
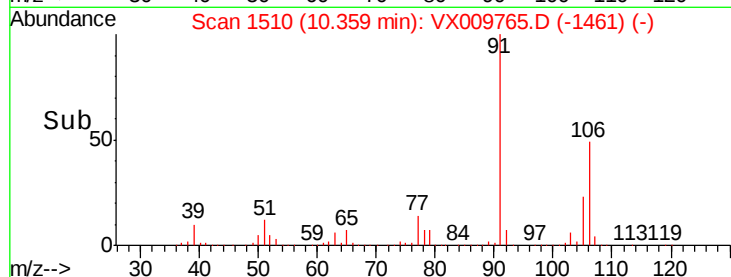
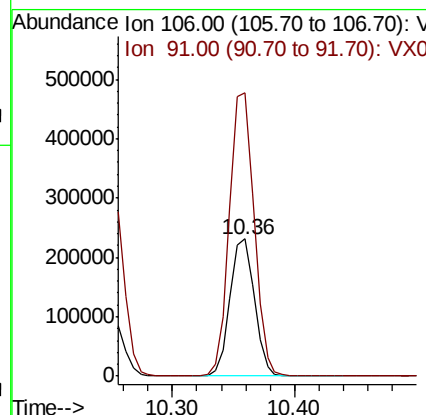
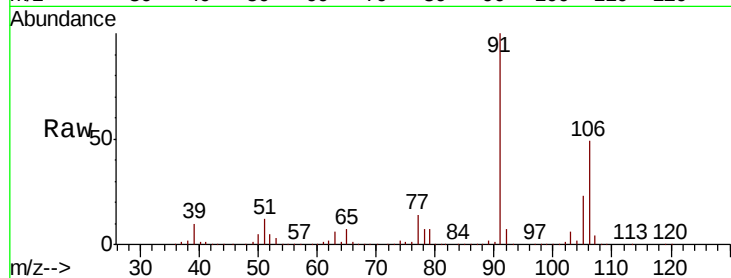




#68
m/p-Xylenes
Concen: 96.466 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

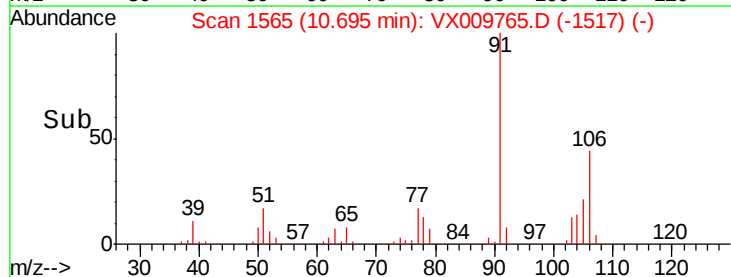
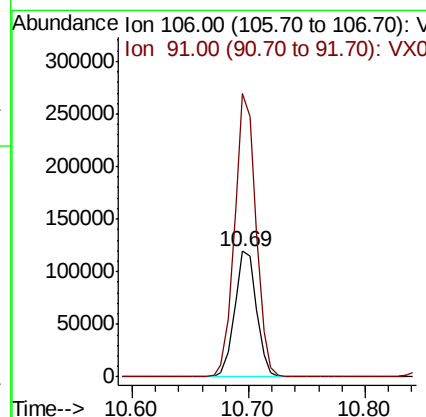
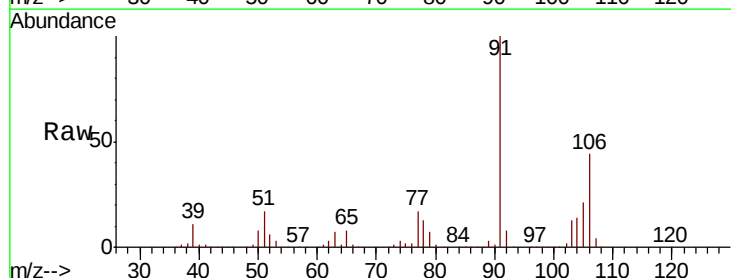
Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

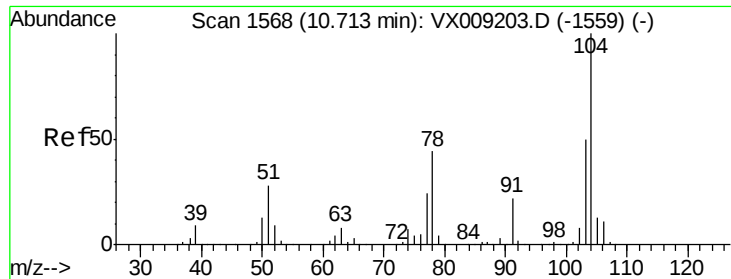
Tot Ion:106 Resp: 320512
Ion Ratio Lower Upper
106 100
91 208.6 164.0 246.0



#69
o-Xylene
Concen: 47.569 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion:106 Resp: 155939
Ion Ratio Lower Upper
106 100
91 220.4 109.5 328.4

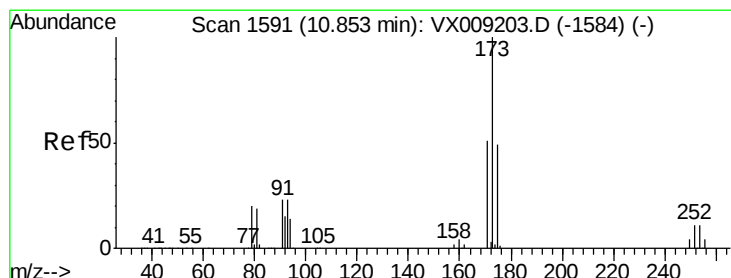
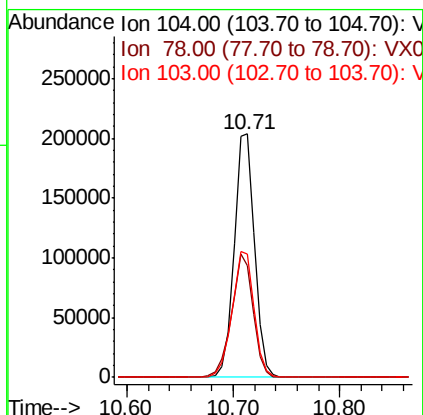
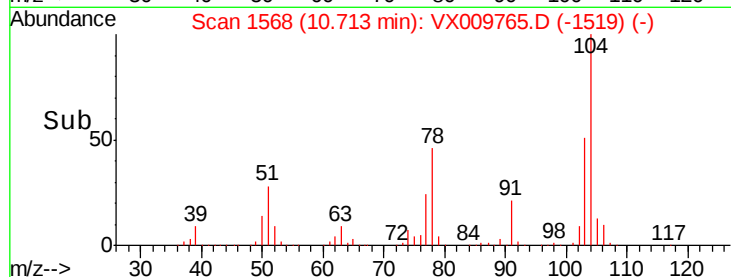
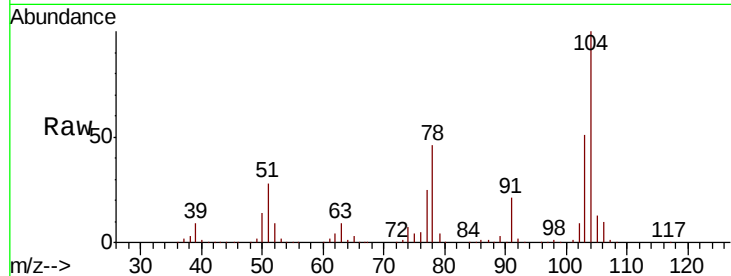




#70
Stvrene
Concen: 47.952 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

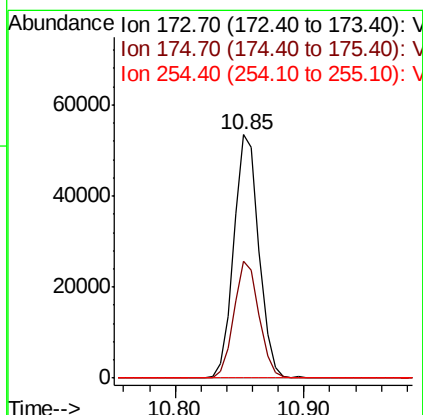
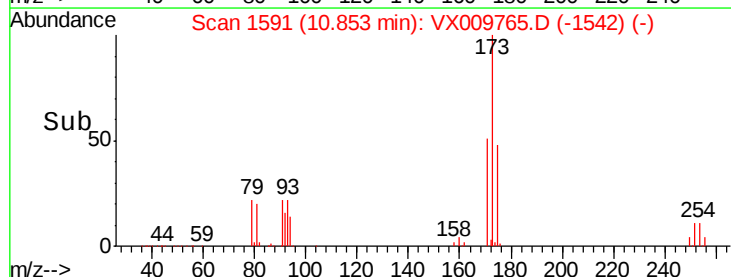
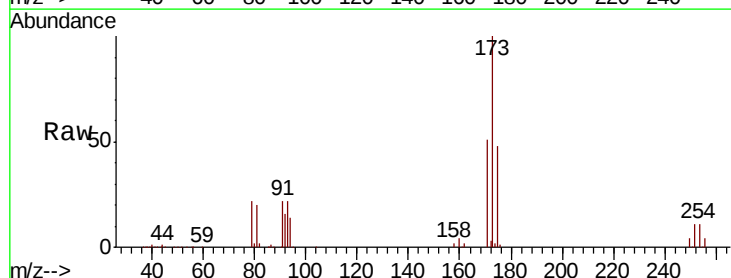
Instrument :
MSVOA_X
ClientSampled :
S36-0153MSD

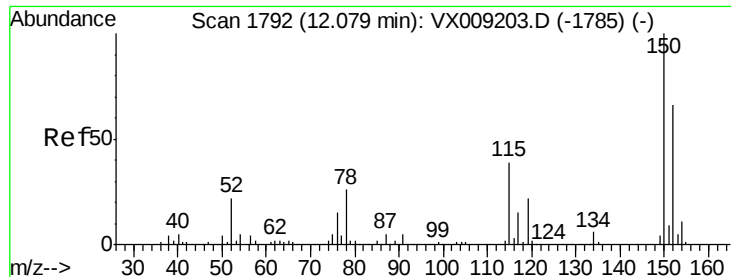
Tot Ion:104 Resp: 273220
Ion Ratio Lower Upper
104 100
78 53.3 41.0 61.4
103 55.9 43.8 65.6



#71
Bromoform
Concen: 49.897 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion:173 Resp: 72627
Ion Ratio Lower Upper
173 100
175 48.0 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: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

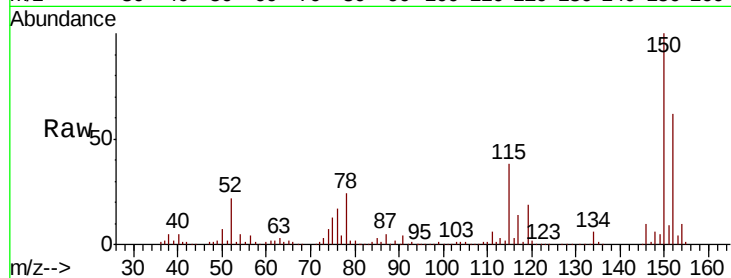
Tot Ion:152 Resp: 117894

Ion Ratio Lower Upper

152 100

115 82.2 41.2 123.6

150 175.8 0.0 346.4

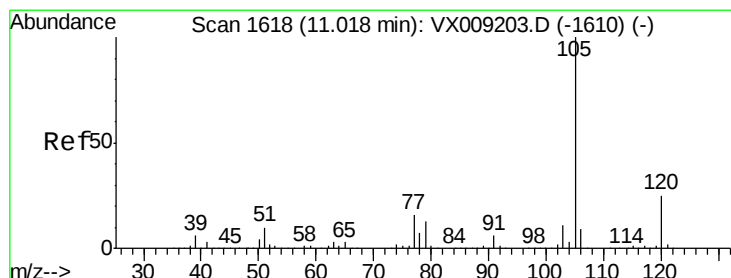
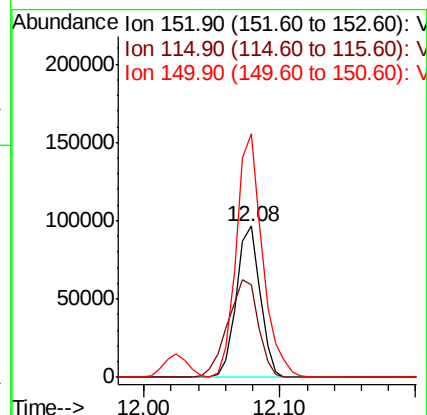
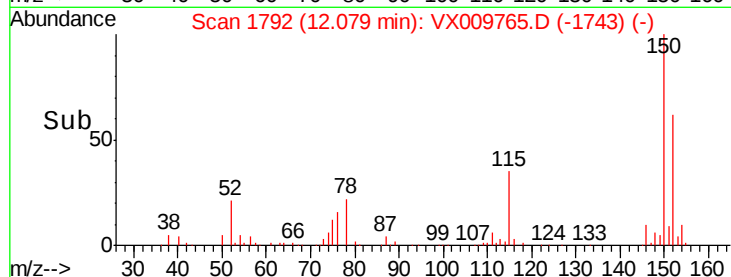


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 48.714 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009765.D

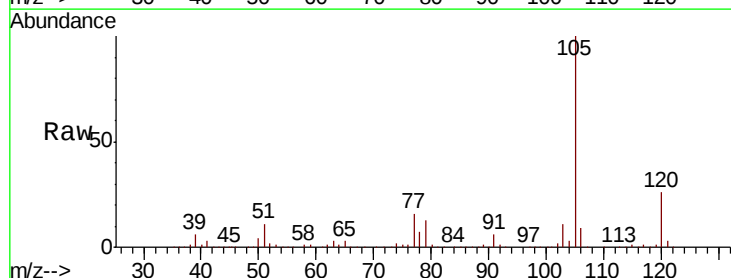
Acq: 21 May 2019 22:01

Tgt Ion:105 Resp: 417628

Ion Ratio Lower Upper

105 100

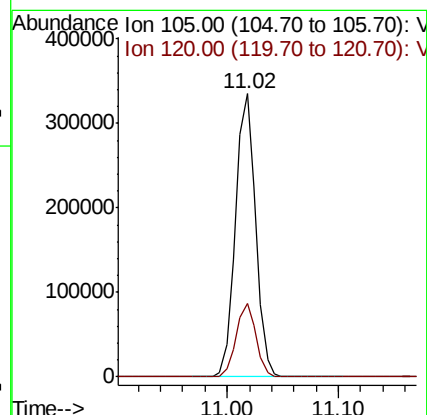
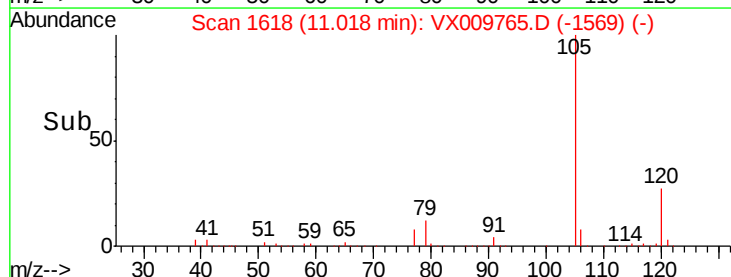
120 25.6 12.8 38.3

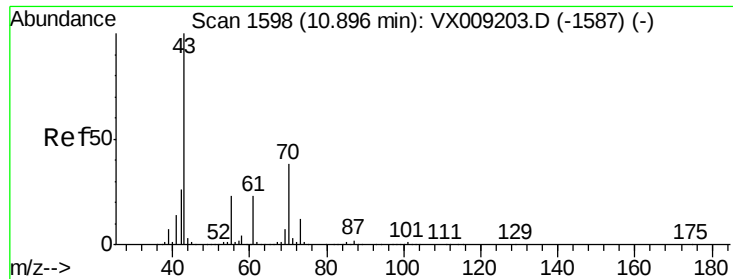


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 44.727 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

Tot Ion: 43 Resp: 223557

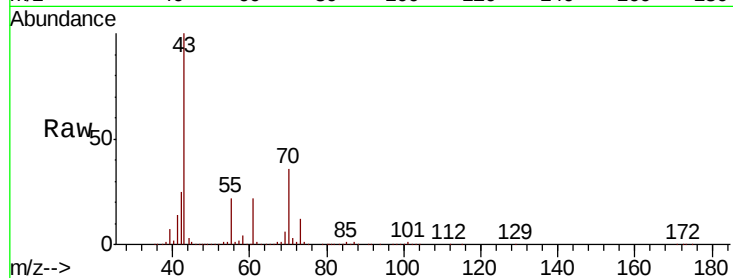
Ion Ratio Lower Upper

43 100

70 36.0 30.0 45.0

55 22.6 17.9 26.9

61 22.1 18.4 27.6

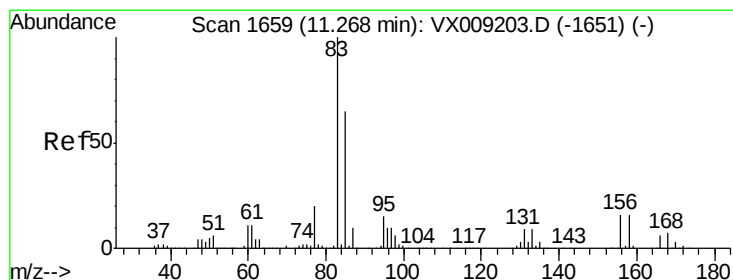
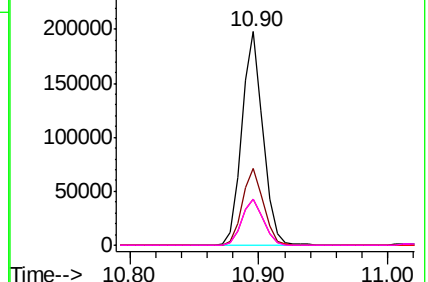
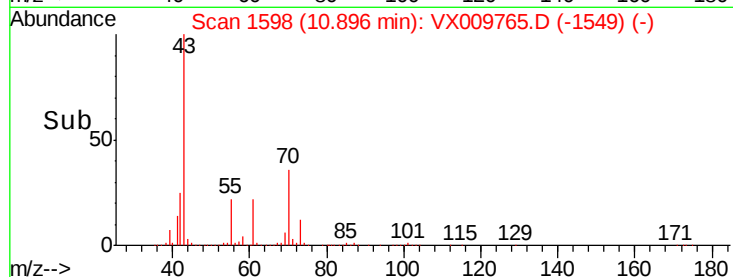


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 48.099 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

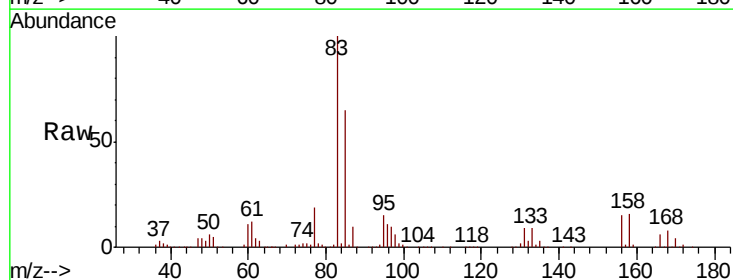
Tgt Ion: 83 Resp: 153721

Ion Ratio Lower Upper

83 100

131 9.3 4.6 13.8

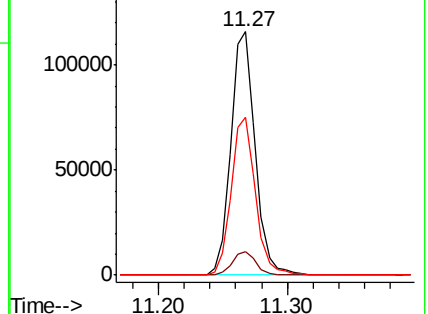
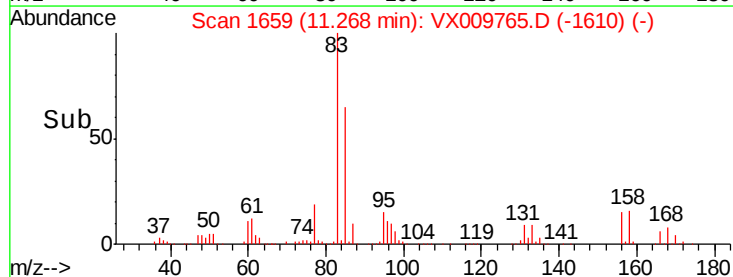
85 64.6 32.0 96.2

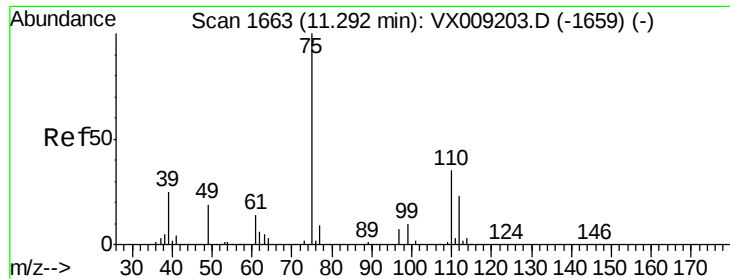


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

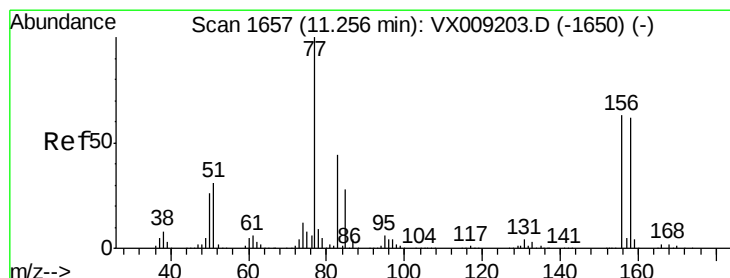
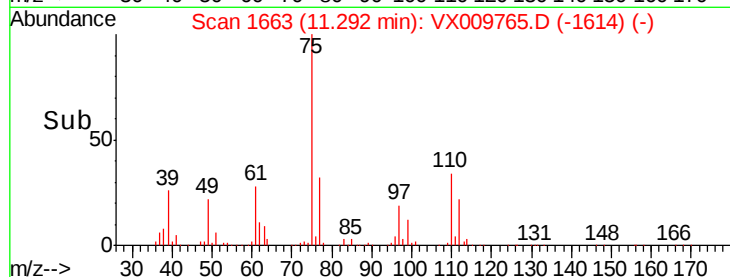
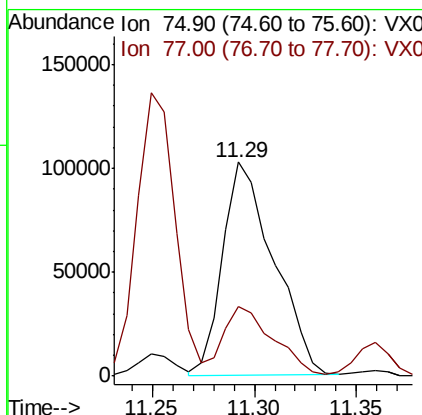
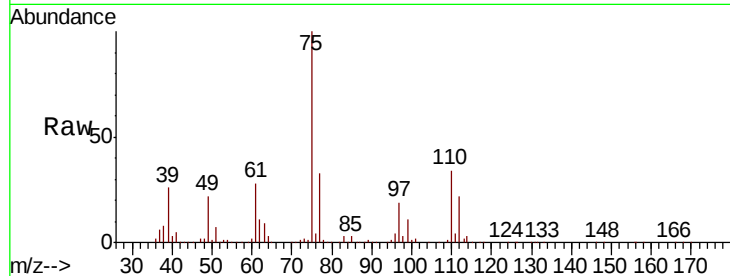




#76
 1,2,3-Trichloropropane
 Concen: 64.997 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

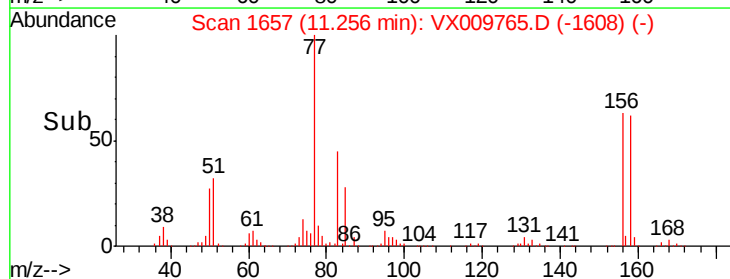
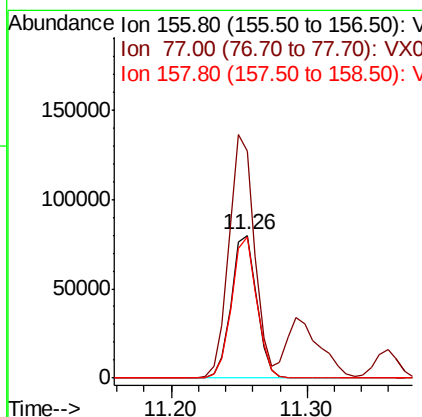
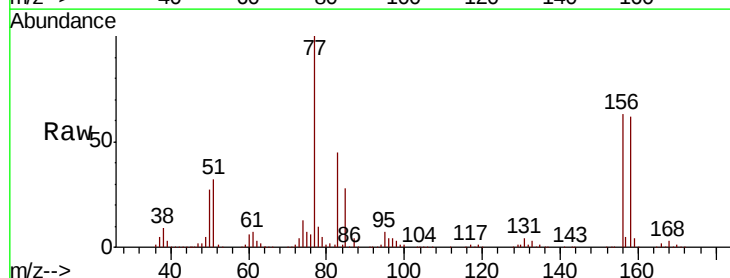
Instrument :
 MSVOA_X
 ClientSampled :
 S36-0153MSD

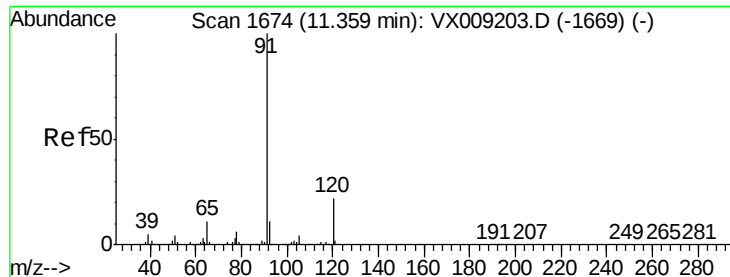
Tot Ion: 75 Resp: 177748
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.1 66.1



#77
 Bromobenzene
 Concen: 48.749 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion: 156 Resp: 103733
 Ion Ratio Lower Upper
 156 100
 77 170.7 84.8 254.3
 158 97.6 49.1 147.3





#78

n-propylbenzene

Concen: 49.225 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

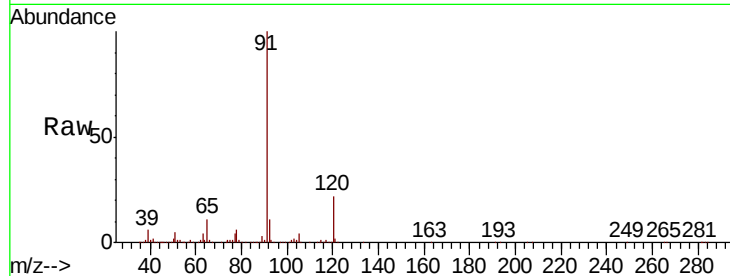
S36-0153MSD

Tot Ion: 91 Resp: 481960

Ion Ratio Lower Upper

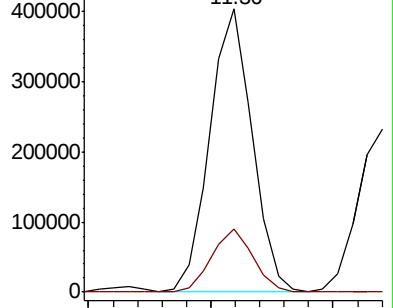
91 100

120 22.1 11.0 33.0

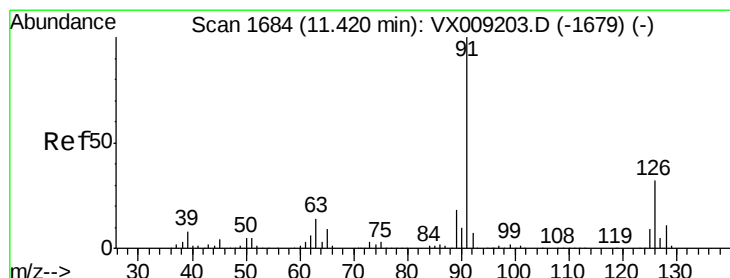
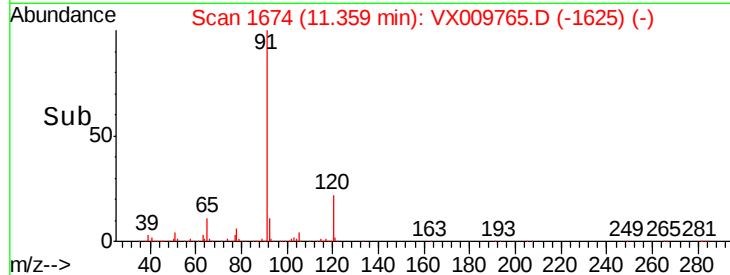


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 47.530 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009765.D

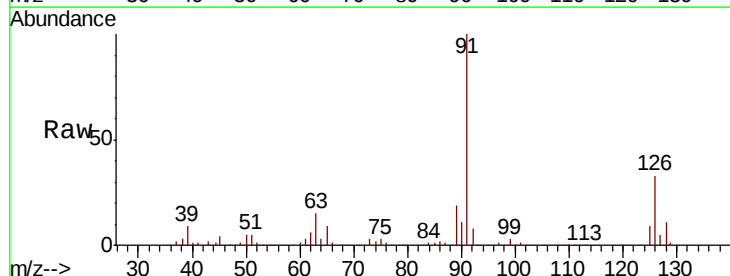
Acq: 21 May 2019 22:01

Tgt Ion: 91 Resp: 287108

Ion Ratio Lower Upper

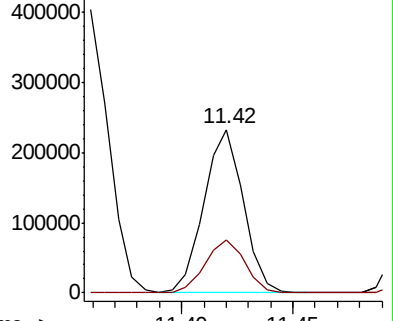
91 100

126 32.9 16.3 48.9

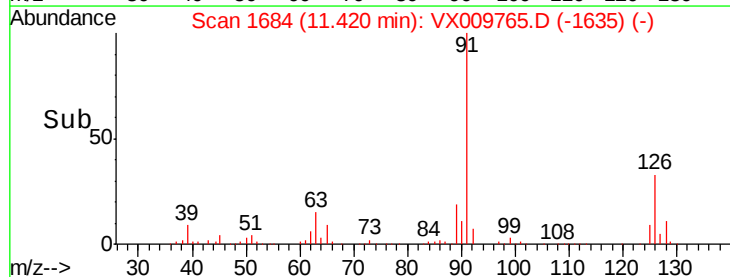


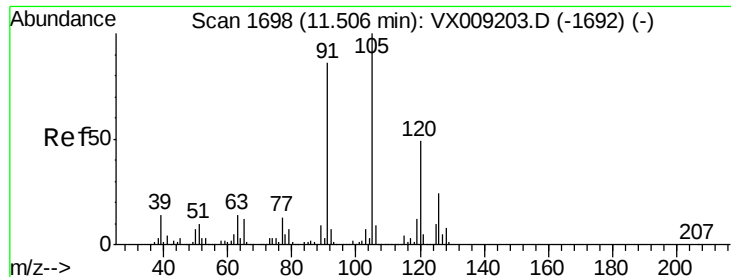
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time--> 11.40 11.45

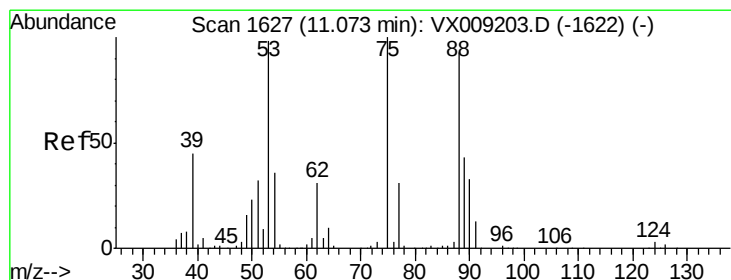
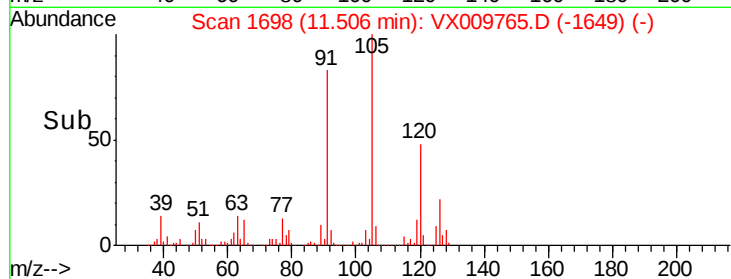
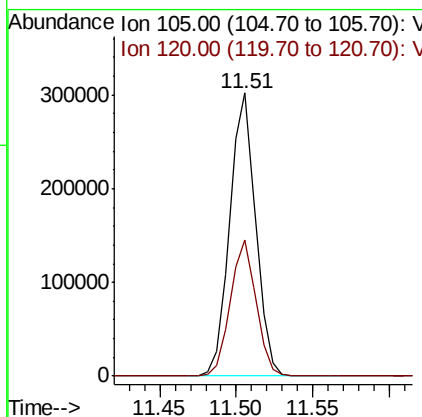
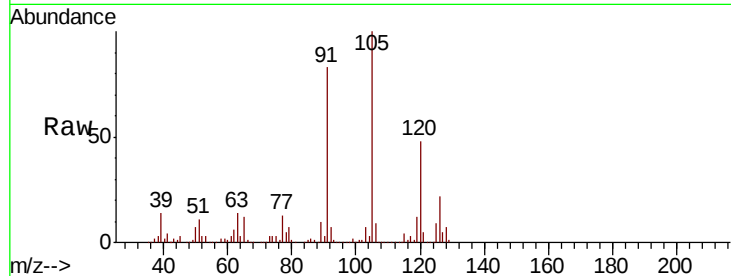




#80
 1,3,5-Trimethylbenzene
 Concen: 48.958 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

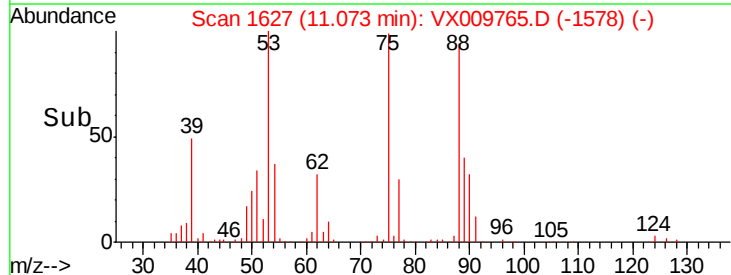
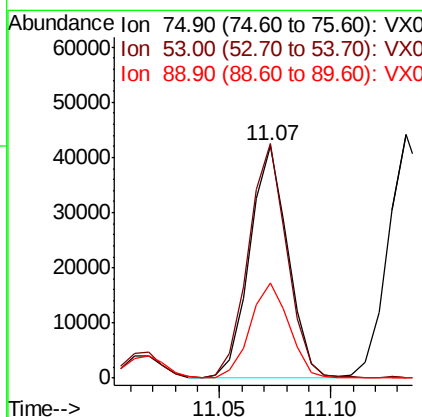
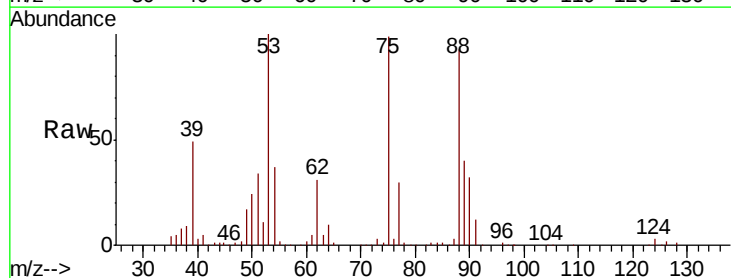
Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

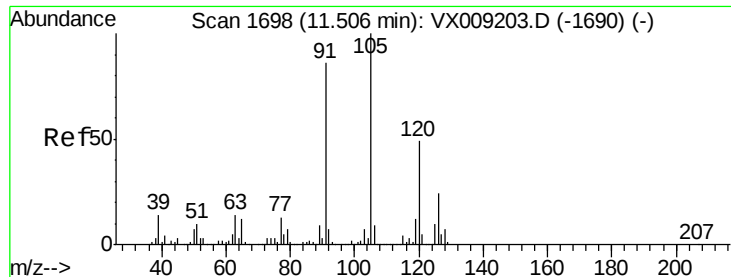
Tot Ion:105 Resp: 353410
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.614 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion: 75 Resp: 49822
 Ion Ratio Lower Upper
 75 100
 53 102.5 79.0 118.6
 89 42.1 34.7 52.1

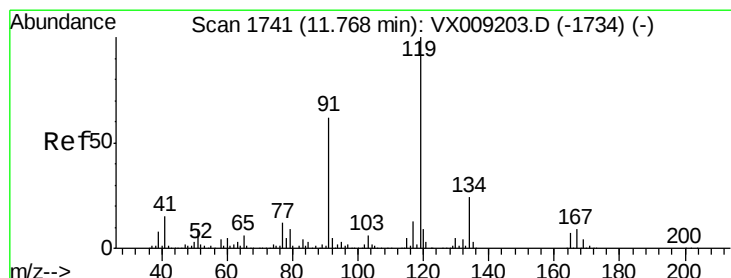
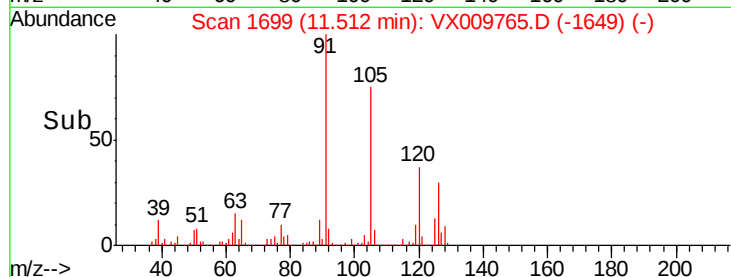
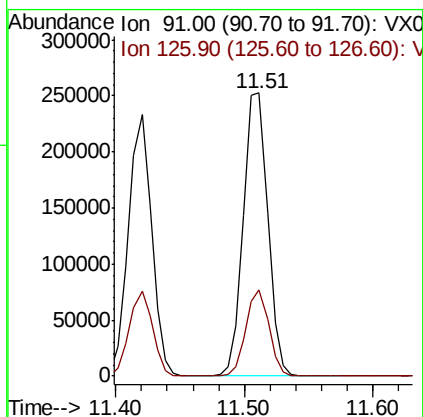
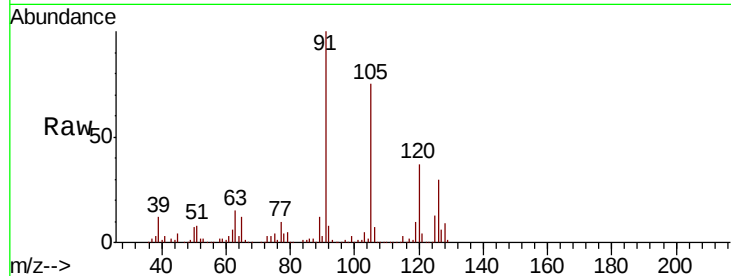




#82
4-Chlorotoluene
Concen: 48.606 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

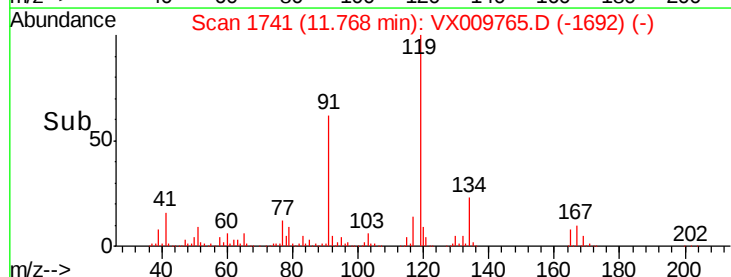
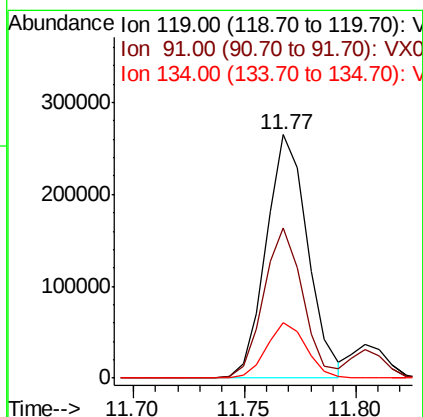
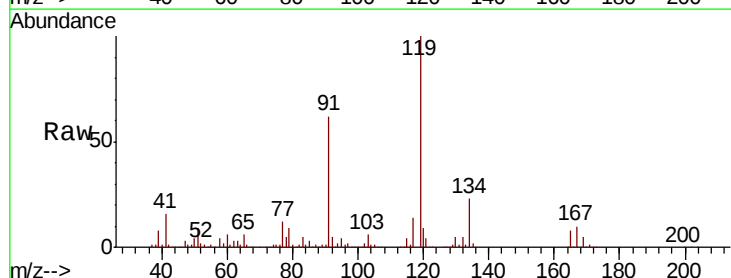
Instrument :
MSVOA_X
ClientSampled :
S36-0153MSD

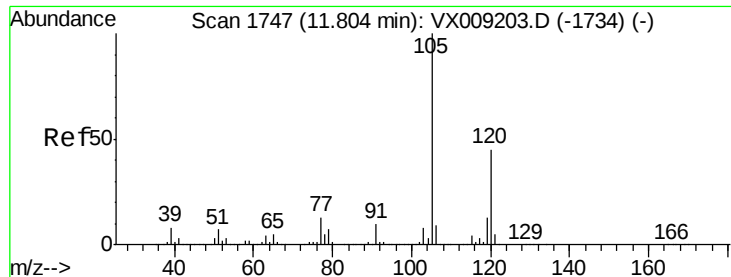
Tot Ion: 91 Resp: 331688
Ion Ratio Lower Upper
91 100
126 28.8 14.5 43.6



#83
tert-Butylbenzene
Concen: 48.917 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion: 119 Resp: 343505
Ion Ratio Lower Upper
119 100
91 58.5 29.5 88.5
134 21.8 11.4 34.1

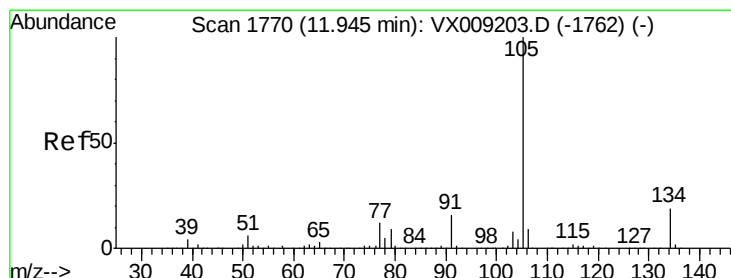
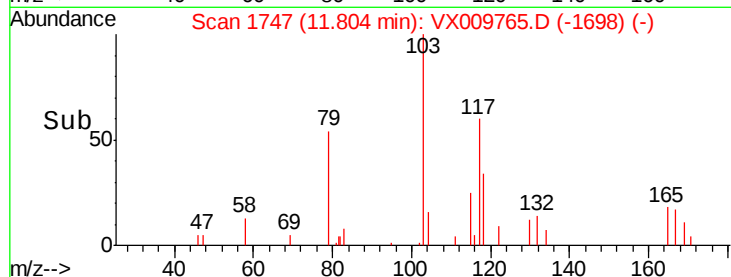
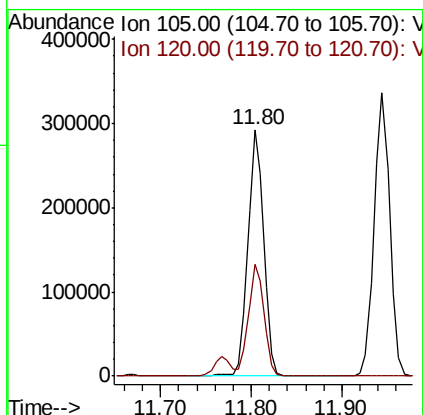
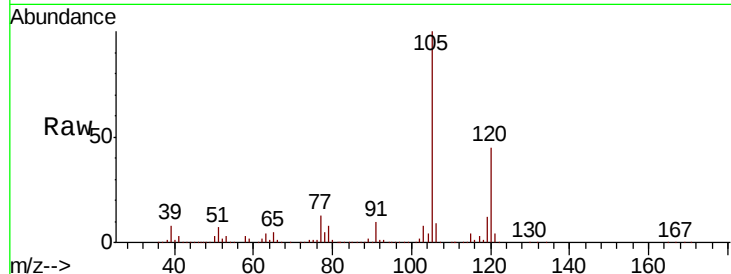




#84
 1,2,4-Trimethylbenzene
 Concen: 48.704 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

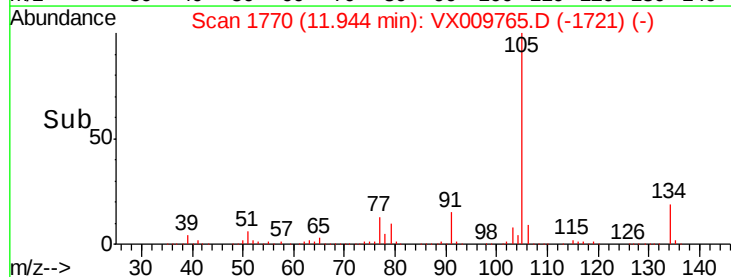
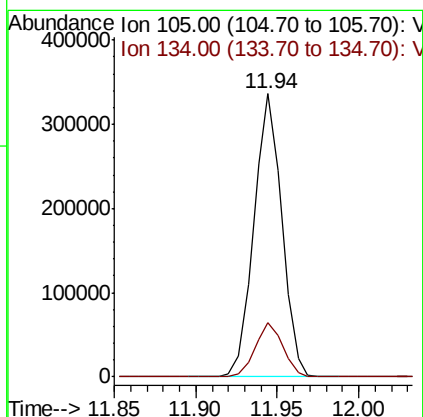
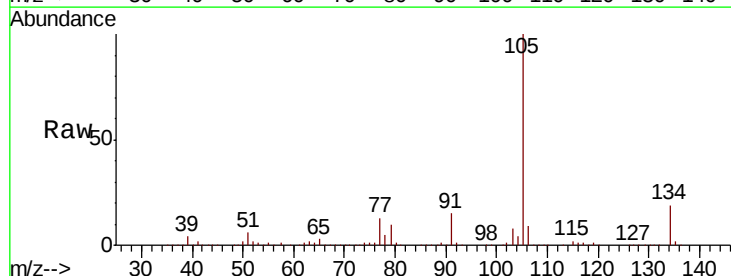
Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

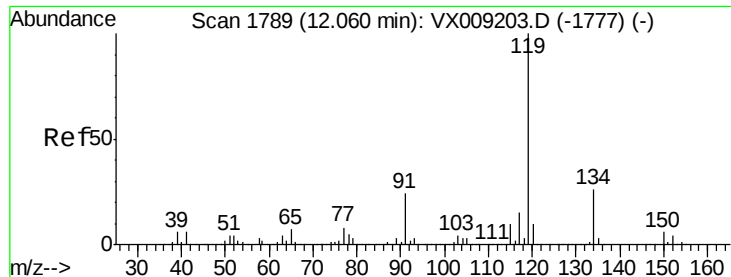
Tot Ion:105 Resp: 352892
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 48.064 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion:105 Resp: 400153
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 28.9

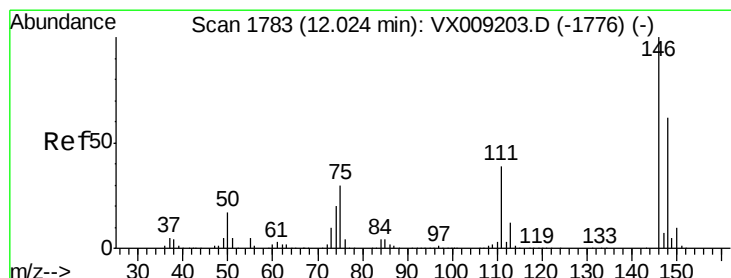
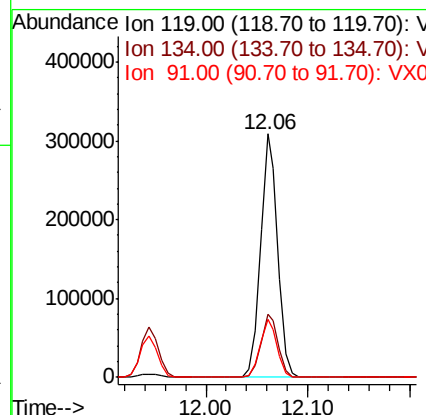
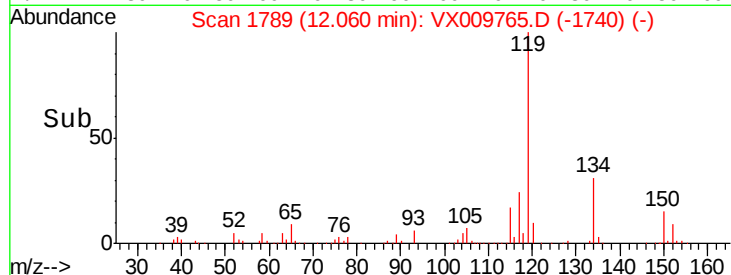
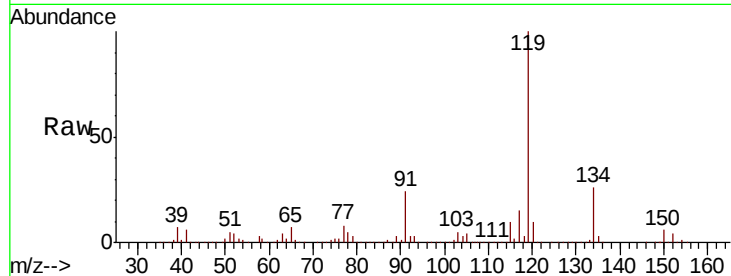




#86
 p-Isopropyltoluene
 Concen: 48.576 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

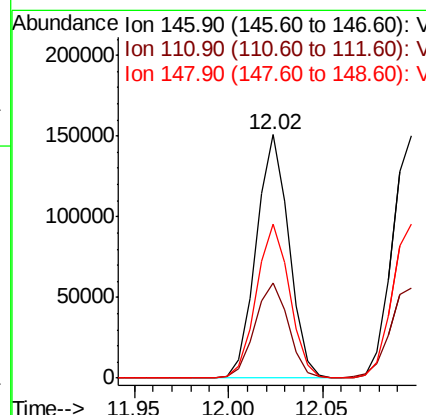
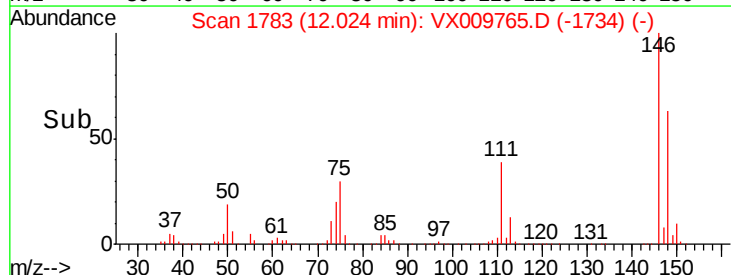
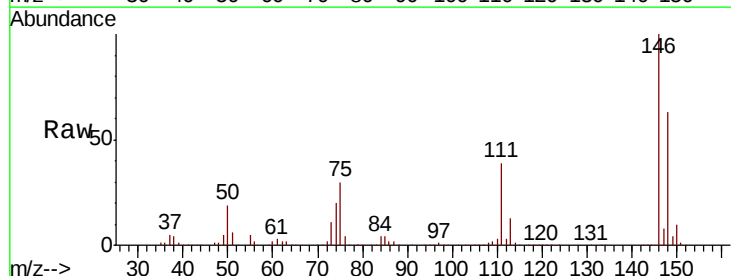
Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

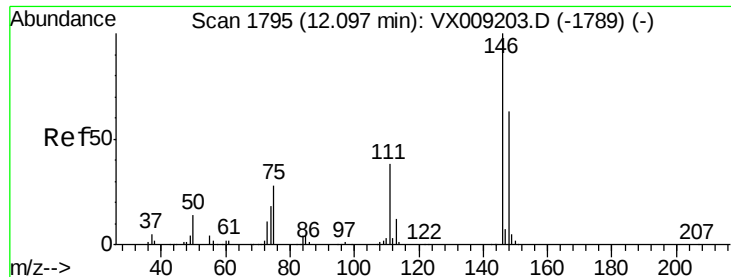
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.9	38.7
91	23.6	11.8	35.4



#87
 1,3-Dichlorobenzene
 Concen: 47.839 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.0	59.9
148	64.2	31.8	95.3





#88

1,4-Dichlorobenzene

Concen: 47.297 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

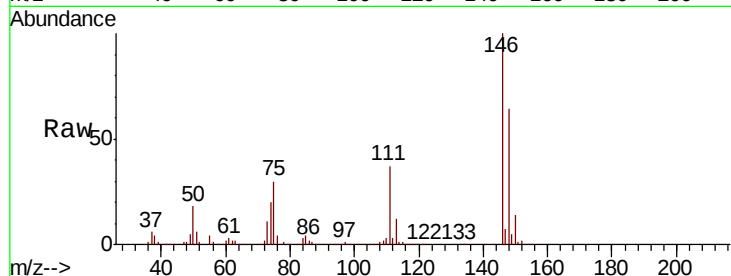
Tot Ion:146 Resp: 180882

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.8

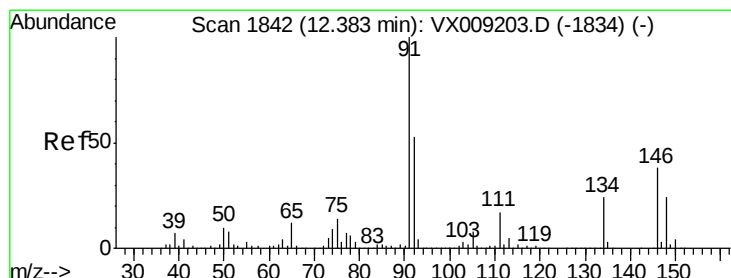
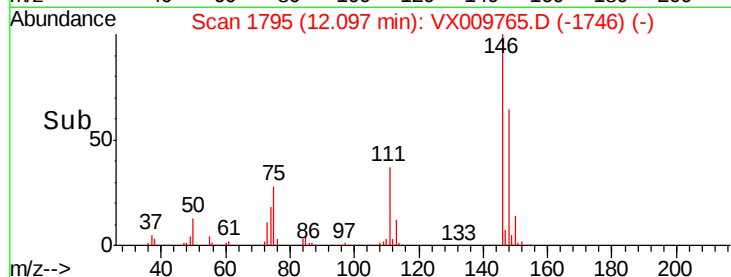
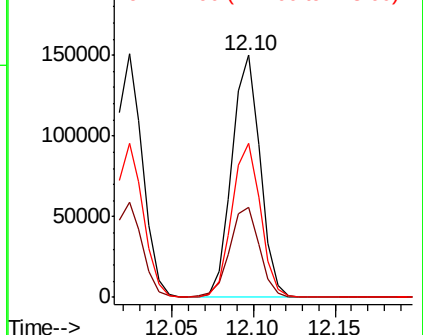
148 64.5 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 48.724 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

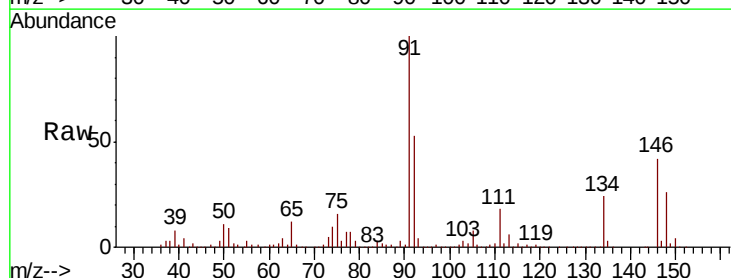
Tgt Ion: 91 Resp: 329606

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.5

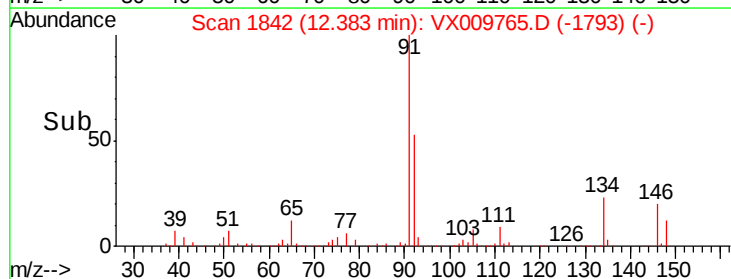
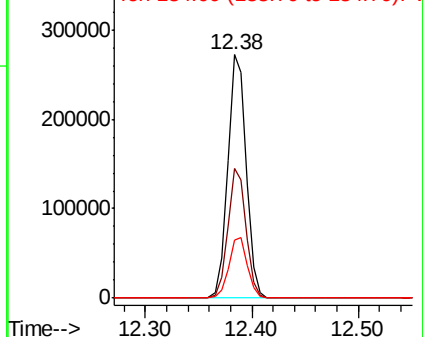
134 24.9 12.4 37.2

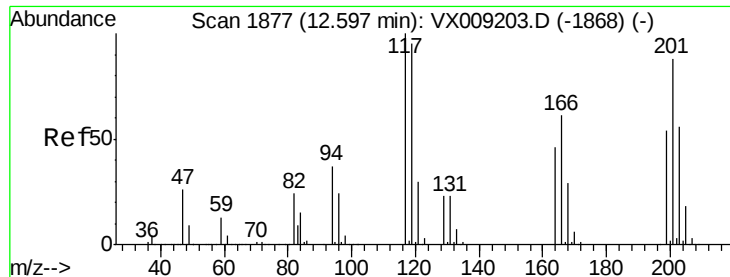


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 49.711 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

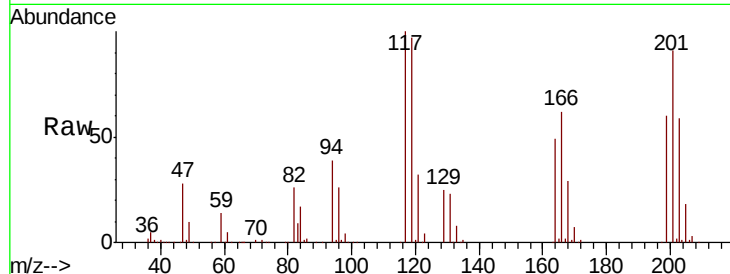
S36-0153MSD

Tot Ion:117 Resp: 63386

Ion Ratio Lower Upper

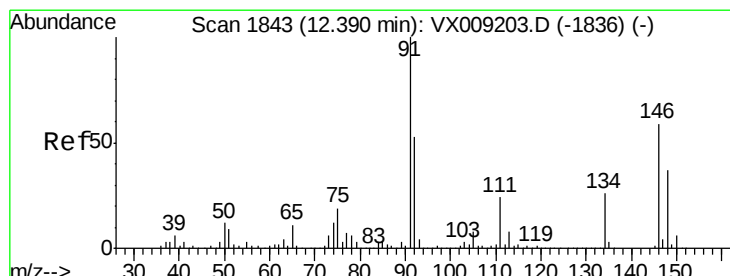
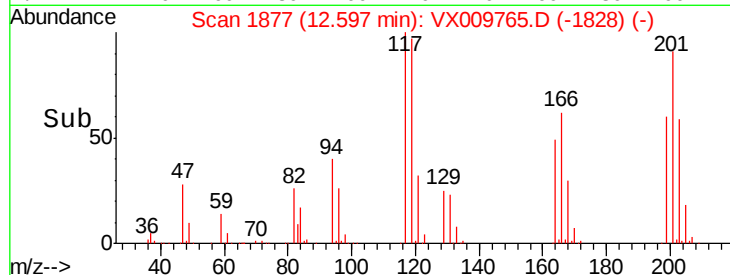
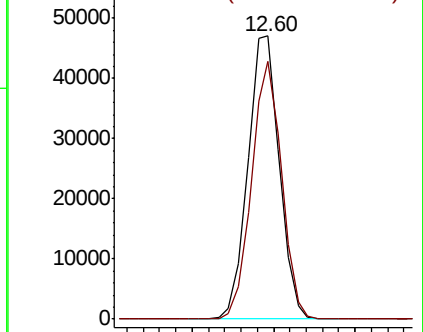
117 100

201 86.5 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 46.784 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

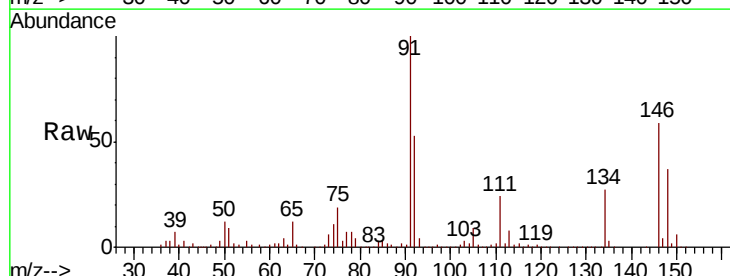
Tgt Ion:146 Resp: 180759

Ion Ratio Lower Upper

146 100

111 41.4 20.8 62.4

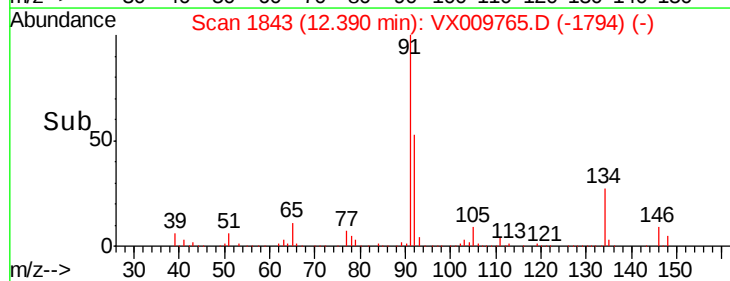
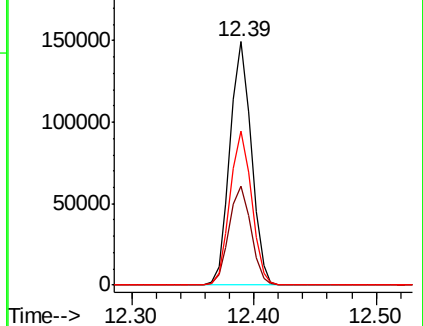
148 63.8 31.9 95.9

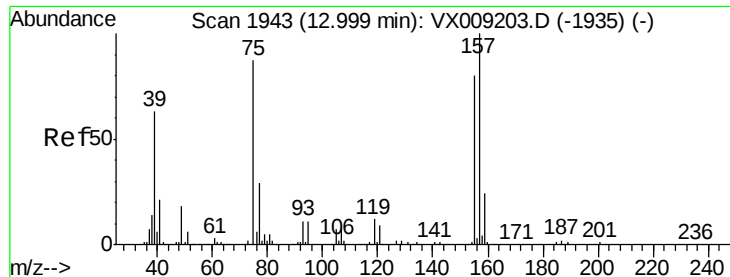


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 47.872 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

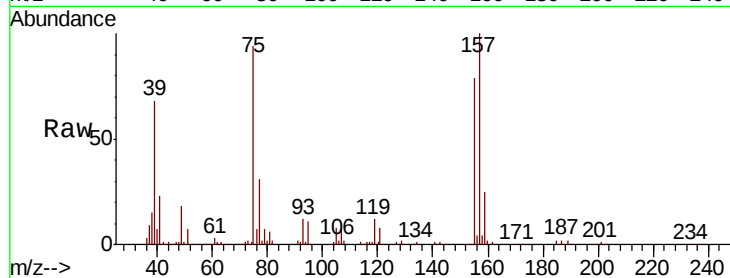
Tot Ion: 75 Resp: 34321

Ion Ratio Lower Upper

75 100

155 81.5 42.0 126.0

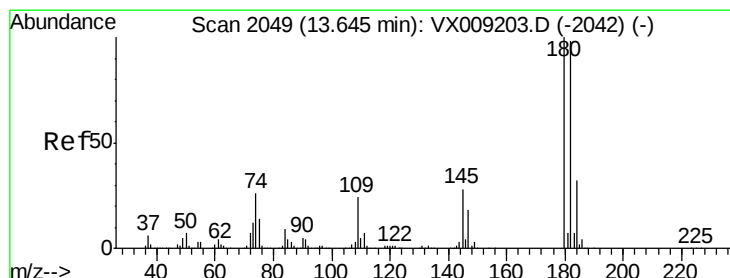
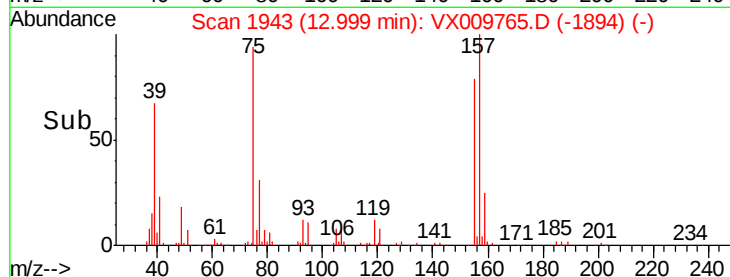
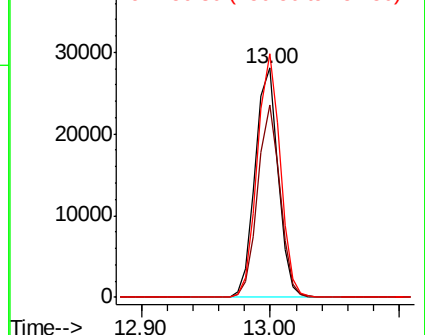
157 105.6 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VX009203.D (-1935) (-)

Ion 154.80 (154.50 to 155.50): VX009203.D (-1935) (-)

Ion 156.80 (156.50 to 157.50): VX009203.D (-1935) (-)



#93

1,2,4-Trichlorobenzene

Concen: 47.562 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

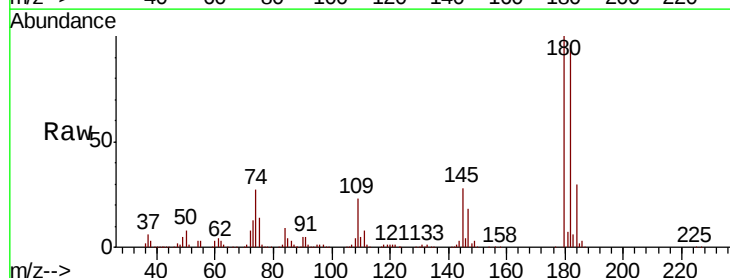
Tgt Ion:180 Resp: 125663

Ion Ratio Lower Upper

180 100

182 95.8 48.4 145.2

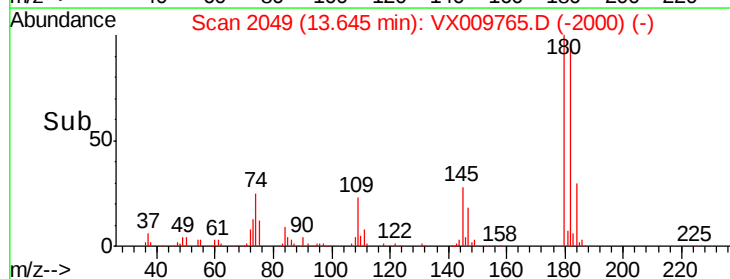
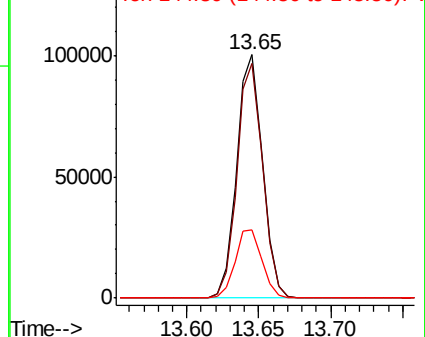
145 29.3 14.6 43.8

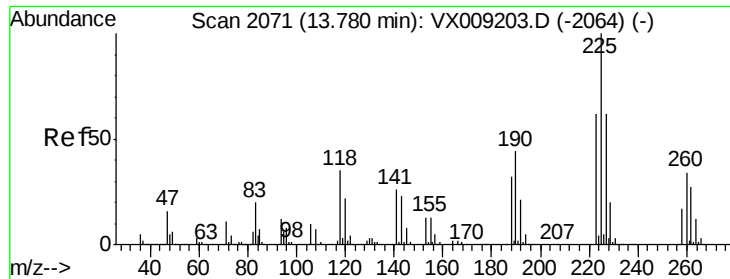


Abundance Ion 179.80 (179.50 to 180.50): VX009203.D (-2042) (-)

Ion 181.80 (181.50 to 182.50): VX009203.D (-2042) (-)

Ion 144.80 (144.50 to 145.50): VX009203.D (-2042) (-)





#94

Hexachlorobutadiene

Concen: 47.481 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

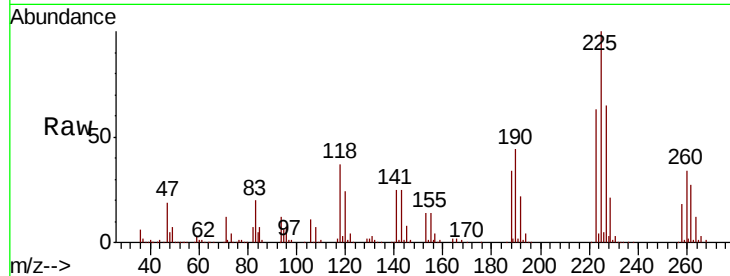
Tot Ion:225 Resp: 64063

Ion Ratio Lower Upper

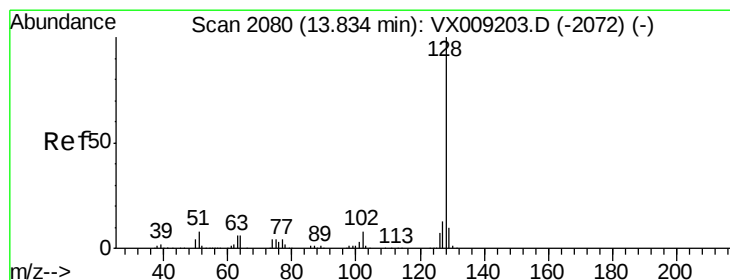
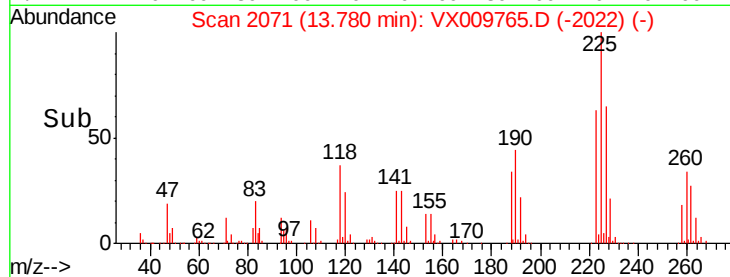
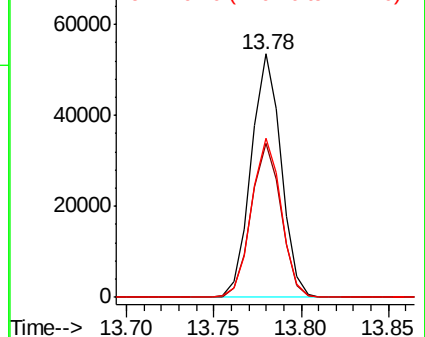
225 100

223 63.0 31.3 93.8

227 64.8 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: 48.078 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

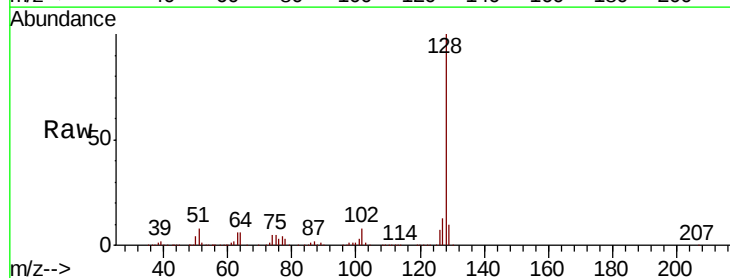
Tgt Ion:128 Resp: 413277

Ion Ratio Lower Upper

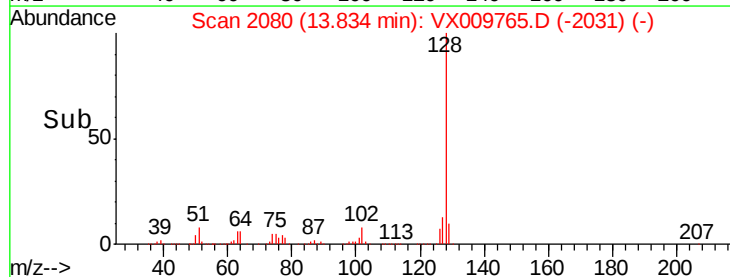
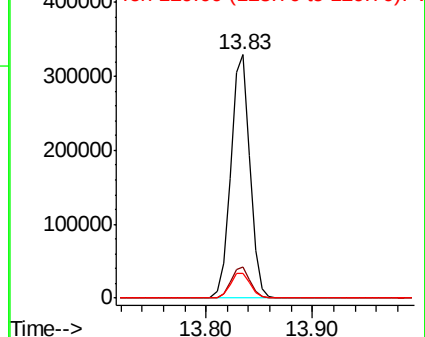
128 100

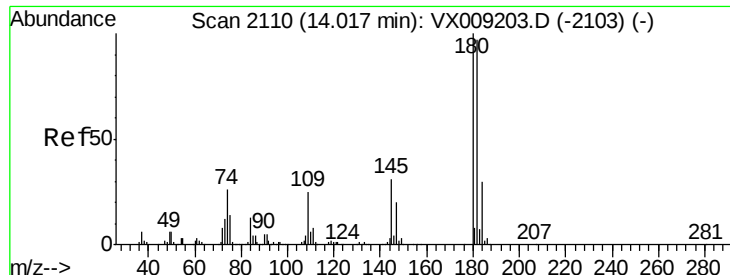
127 12.9 10.4 15.6

129 10.8 8.6 13.0



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

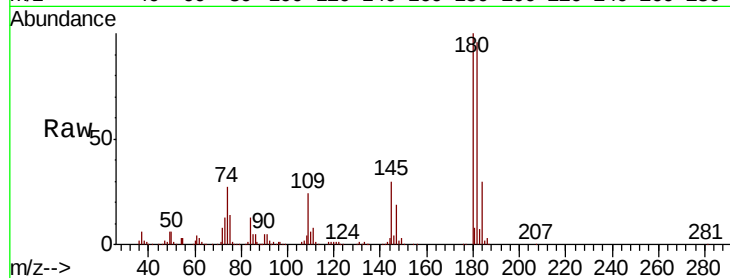




#96
 1,2,3-Trichlorobenzene
 Concen: 47.725 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.4
145	30.4	15.4	46.4



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

