

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100219\
 Data File : VX012760.D
 Acq On : 02 Oct 2019 14:52
 Operator : JC/SP
 Sample : VX1002WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 03 01:31:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	173311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302810	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	269111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121765	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	119523	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	
35) Dibromofluoromethane	5.49	113	93059	51.60	ug/l	0.00
Spiked Amount			Recovery	=	103.20%	
50) Toluene-d8	8.71	98	342360	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.14	95	126172	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	31691	16.254	ug/l	99
3) Chloromethane	1.32	50	36828	16.450	ug/l	99
4) Vinyl Chloride	1.40	62	37877	17.021	ug/l	97
5) Bromomethane	1.63	94	16817	19.221	ug/l	95
6) Chloroethane	1.72	64	24083	16.054	ug/l	93
7) Trichlorofluoromethane	1.92	101	56022	17.931	ug/l	97
8) Diethyl Ether	2.18	74	21893	17.099	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	35201	18.498	ug/l	97
10) Methyl Iodide	2.50	142	28886	17.934	ug/l	96
11) Tert butyl alcohol	3.03	59	55287	87.695	ug/l	100
12) 1,1-Dichloroethene	2.36	96	33835	18.158	ug/l	98
13) Acrolein	2.28	56	22281	71.079	ug/l	95
14) Allyl chloride	2.72	41	64364	17.410	ug/l	97
15) Acrylonitrile	3.13	53	118315	92.503	ug/l	99
16) Acetone	2.44	43	114516	85.666	ug/l	95
17) Carbon Disulfide	2.56	76	80769	15.461	ug/l	97
18) Methyl Acetate	2.76	43	57552	18.284	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	130350	18.481	ug/l	98
20) Methylene Chloride	2.84	84	41602	18.400	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	36995	17.921	ug/l	99
22) Diisopropyl ether	3.84	45	130593	18.281	ug/l	95
23) Vinyl Acetate	3.80	43	563713	89.984	ug/l	97
24) 1,1-Dichloroethane	3.69	63	71553	18.427	ug/l	98
25) 2-Butanone	4.66	43	170331	88.865	ug/l	93
26) 2,2-Dichloropropane	4.58	77	59799	17.315	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	44110	18.415	ug/l	95
28) Bromochloromethane	5.00	49	25320	17.958	ug/l	98
29) Tetrahydrofuran	5.12	42	108119	92.547	ug/l	96
30) Chloroform	5.20	83	73226	18.432	ug/l	100
31) Cyclohexane	5.57	56	63025	17.941	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	63673	18.084	ug/l	99
36) 1,1-Dichloropropene	5.79	75	53268	18.250	ug/l	99
37) Ethyl Acetate	4.83	43	59655	17.482	ug/l	95
38) Carbon Tetrachloride	5.77	117	53696	18.110	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100219\
 Data File : VX012760.D
 Acq On : 02 Oct 2019 14:52
 Operator : JC/SP
 Sample : VX1002WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 03 01:31:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	62341	17.742	ug/l	97
40) Benzene	6.14	78	161659	18.824	ug/l	97
41) Methacrylonitrile	5.03	41	34470	18.004	ug/l	94
42) 1,2-Dichloroethane	6.18	62	60688	18.609	ug/l	98
43) Isopropyl Acetate	6.43	43	101325	17.756	ug/l	97
44) Trichloroethene	7.21	130	41914	19.091	ug/l	95
45) 1,2-Dichloropropane	7.51	63	41597	18.919	ug/l	97
46) Dibromomethane	7.65	93	27565	18.414	ug/l	97
47) Bromodichloromethane	7.89	83	53645	17.930	ug/l	99
48) Methyl methacrylate	7.76	41	47978	17.534	ug/l	93
49) 1,4-Dioxane	7.73	88	22593	364.035	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	323210	91.755	ug/l	96
52) Toluene	8.78	92	100880	18.690	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	58124	17.559	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	63641	17.608	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	42254	19.691	ug/l	96
56) Ethyl methacrylate	9.17	69	64943	18.014	ug/l	91
57) 1,3-Dichloropropane	9.37	76	70935	18.887	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	145351	89.820	ug/l	99
59) 2-Hexanone	9.49	43	246099	91.274	ug/l	96
60) Dibromochloromethane	9.58	129	39862	18.350	ug/l	100
61) 1,2-Dibromoethane	9.67	107	42946	19.230	ug/l	100
64) Tetrachloroethene	9.33	164	37688	20.086	ug/l	95
65) Chlorobenzene	10.14	112	104833	18.499	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	38278	18.643	ug/l	98
67) Ethyl Benzene	10.25	91	189379	18.425	ug/l	98
68) m/p-Xylenes	10.35	106	143565	37.287	ug/l	98
69) o-Xylene	10.70	106	69155	18.562	ug/l	99
70) Styrene	10.71	104	117960	18.887	ug/l	98
71) Bromoform	10.85	173	25207	17.631	ug/l #	100
73) Isopropylbenzene	11.01	105	185123	18.667	ug/l	99
74) N-amyl acetate	10.89	43	80881	17.095	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	63009	19.184	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	69781	21.664	ug/l	89
77) Bromobenzene	11.25	156	43313	19.297	ug/l	97
78) n-propylbenzene	11.35	91	204370	18.304	ug/l	99
79) 2-Chlorotoluene	11.42	91	126416	18.150	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	158073	19.007	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	16945	15.076	ug/l	94
82) 4-Chlorotoluene	11.51	91	145394	18.312	ug/l	99
83) tert-Butylbenzene	11.76	119	150643	18.778	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	157034	18.718	ug/l	100
85) sec-Butylbenzene	11.94	105	177472	19.020	ug/l	99
86) p-Isopropyltoluene	12.06	119	156448	18.582	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	74638	18.478	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	76291	18.691	ug/l	98
89) n-Butylbenzene	12.39	91	130683	17.614	ug/l	100
90) Hexachloroethane	12.59	117	26491	17.649	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	76997	19.040	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13709	16.686	ug/l	97

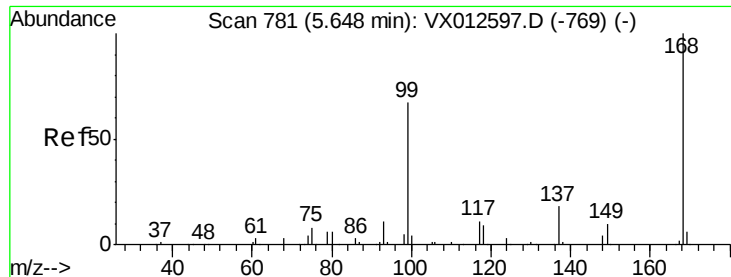
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100219\
Data File : VX012760.D
Acq On : 02 Oct 2019 14:52
Operator : JC/SP
Sample : VX1002WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 03 01:31:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	44013	17.846	ug/l	98
94) Hexachlorobutadiene	13.78	225	20447	19.272	ug/l	98
95) Naphthalene	13.83	128	169950	19.046	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	47510	19.231	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

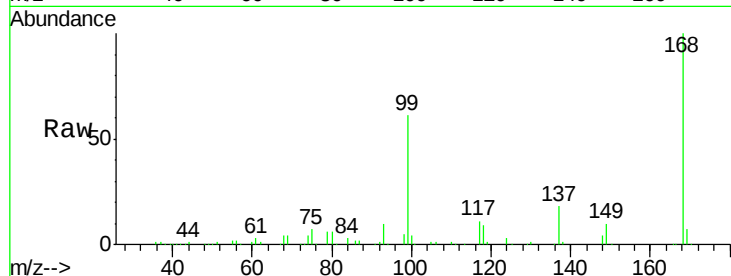
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 173311

Ion Ratio Lower Upper

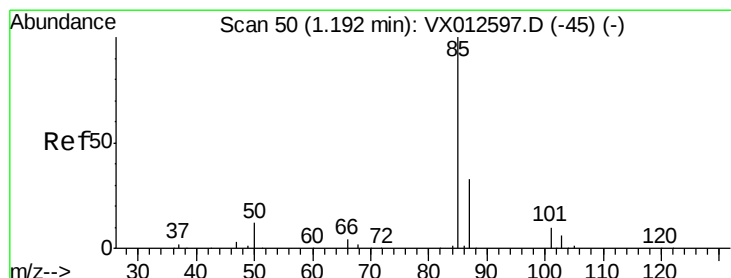
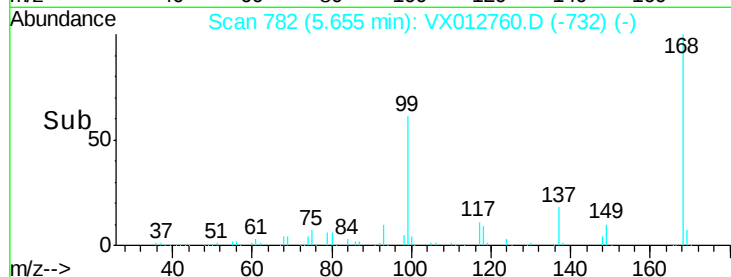
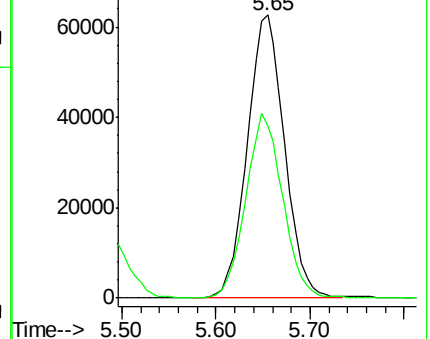
168 100

99 61.0 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.254 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012760.D

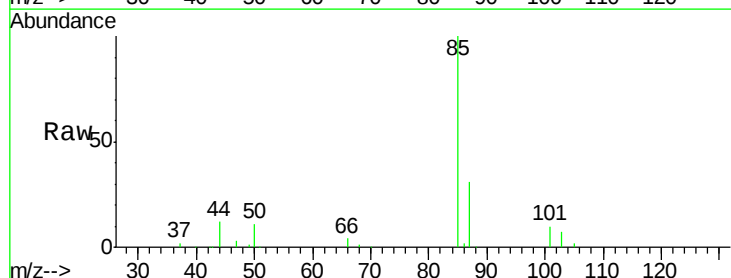
Acq: 02 Oct 2019 14:52

Tgt Ion: 85 Resp: 31691

Ion Ratio Lower Upper

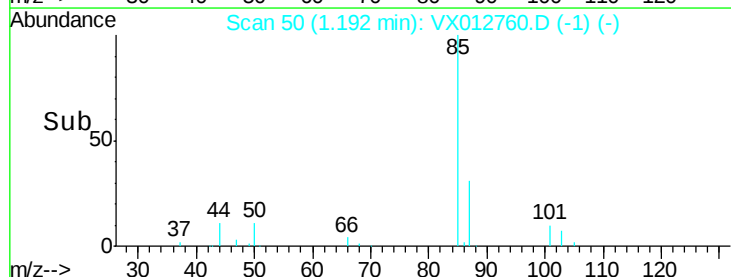
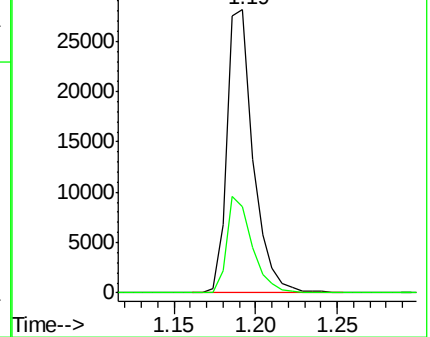
85 100

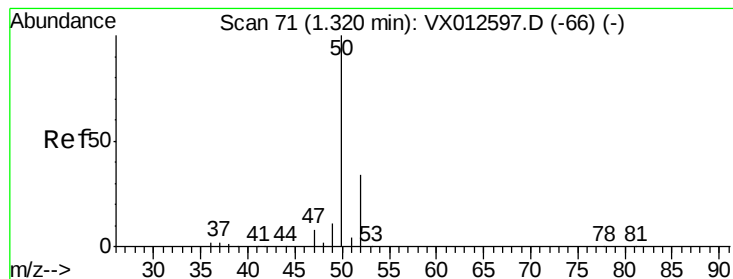
87 30.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.450 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

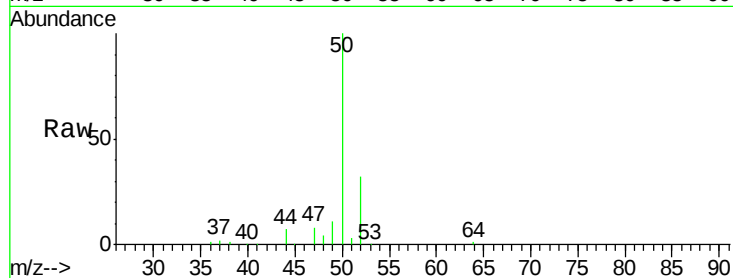
ClientSampleId :

Tot Ion: 50 Resp: 36828

Ion Ratio Lower Upper

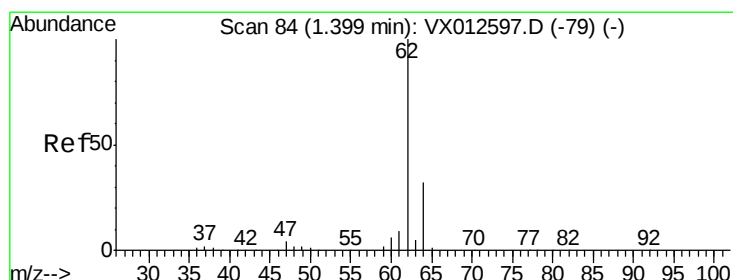
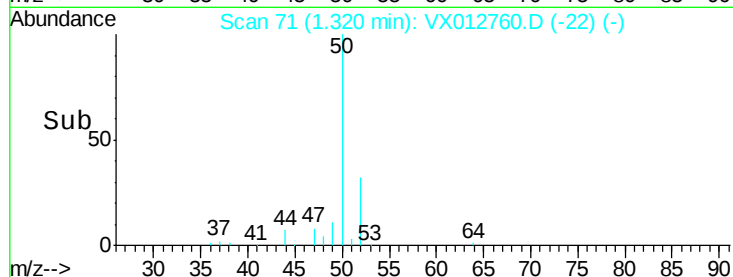
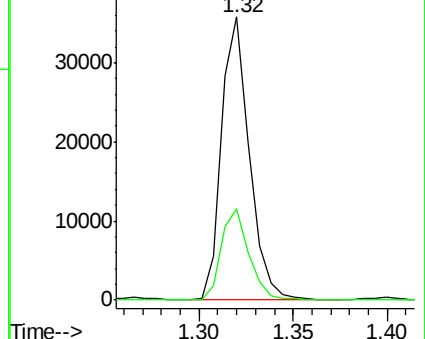
50 100

52 32.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.021 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012760.D

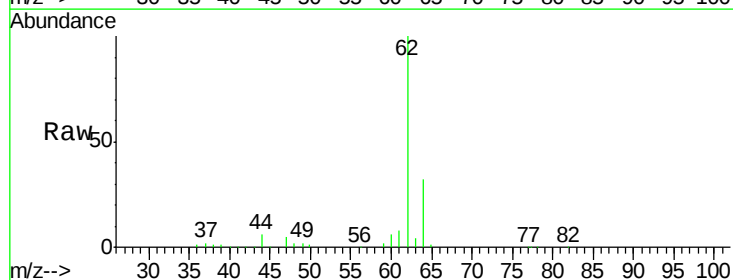
Acq: 02 Oct 2019 14:52

Tgt Ion: 62 Resp: 37877

Ion Ratio Lower Upper

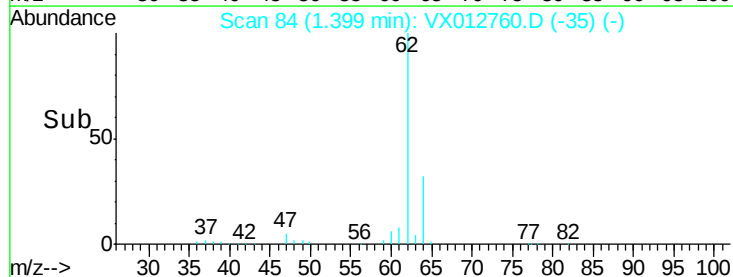
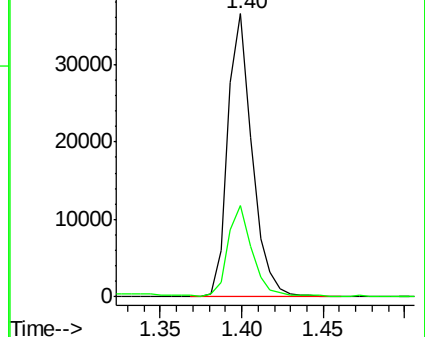
62 100

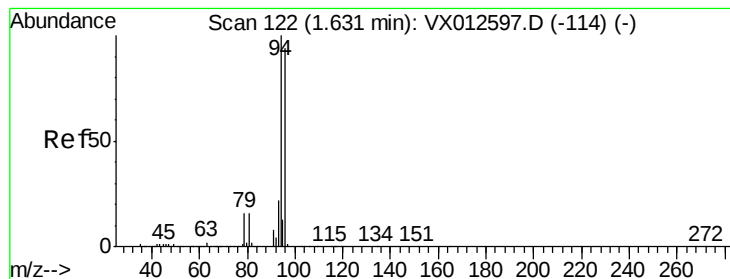
64 31.9 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.221 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

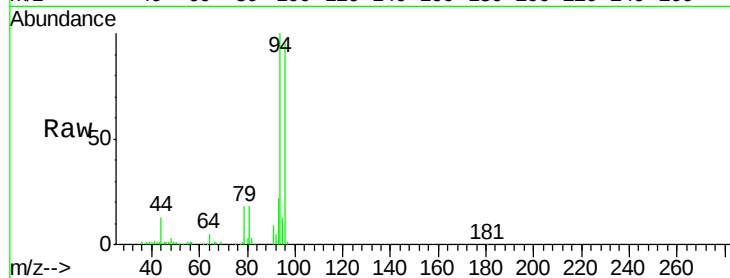
ClientSampleId :

Tot Ion: 94 Resp: 16817

Ion Ratio Lower Upper

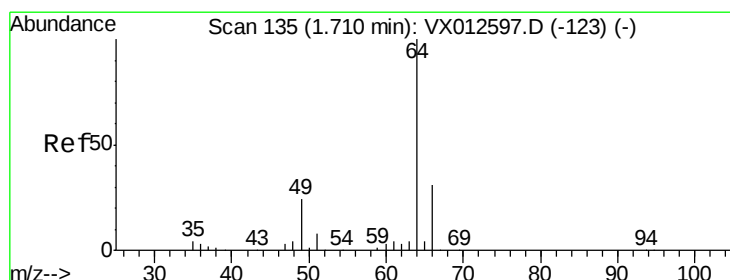
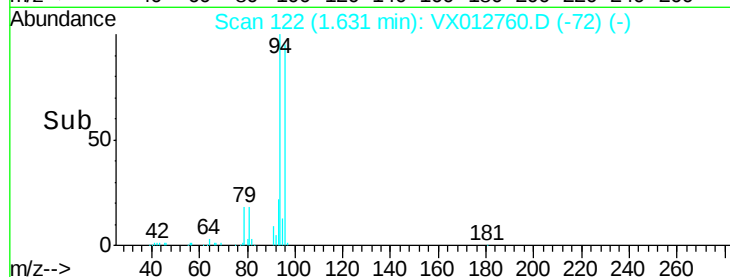
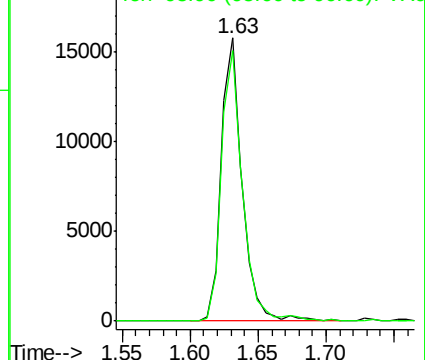
94 100

96 95.4 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.054 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012760.D

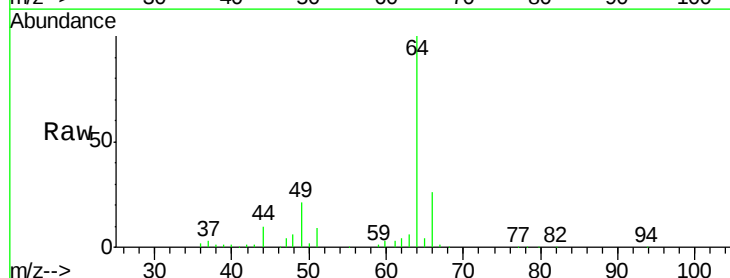
Acq: 02 Oct 2019 14:52

Tgt Ion: 64 Resp: 24083

Ion Ratio Lower Upper

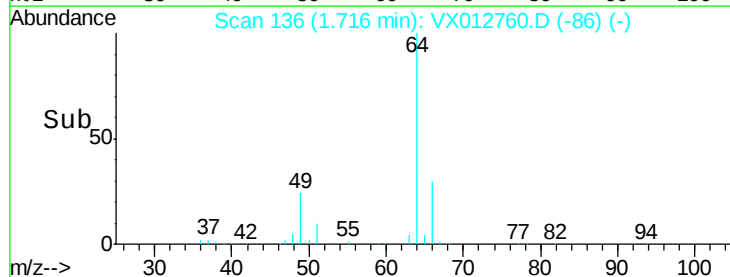
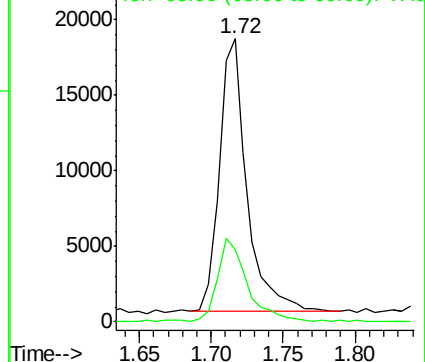
64 100

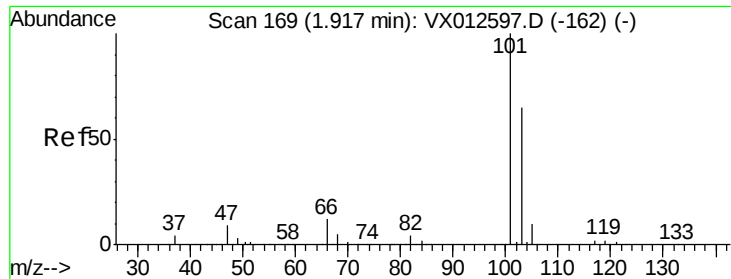
66 26.2 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



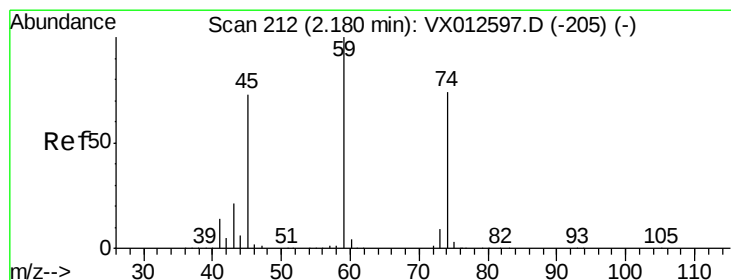
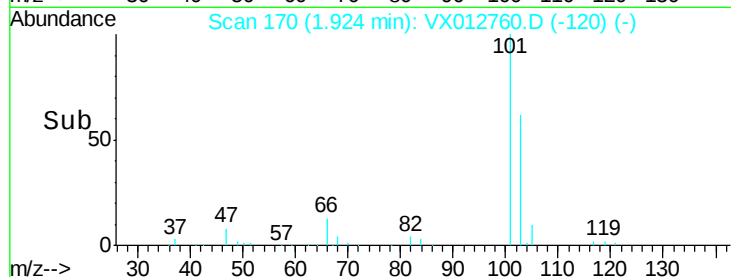
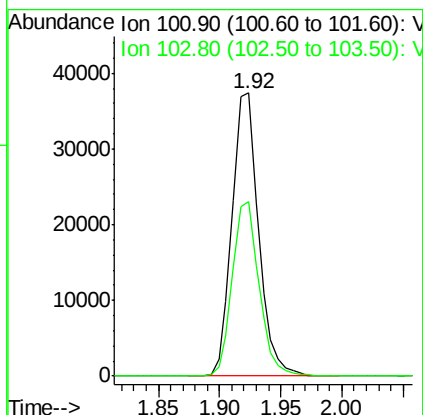
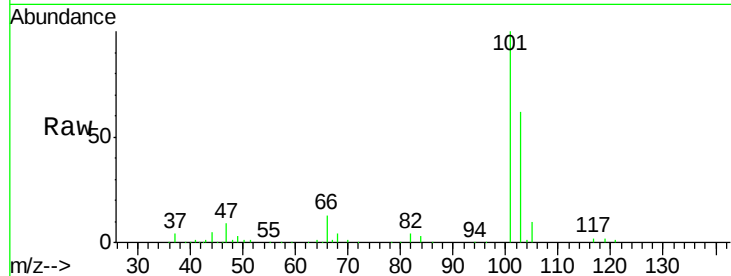


#7

Trichlorofluoromethane
 Concen: 17.931 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012760.D
 Acq: 02 Oct 2019 14:52

Instrument :
 MSVOA_X
 ClientSampleId :

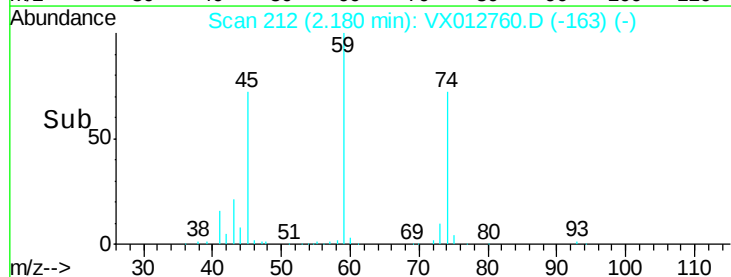
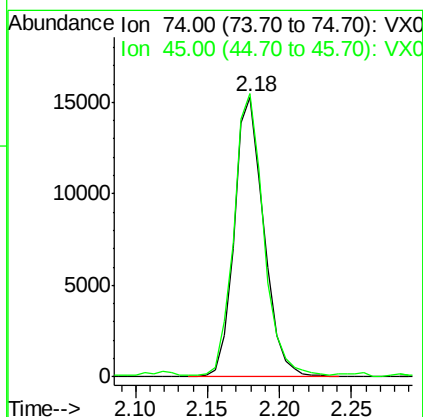
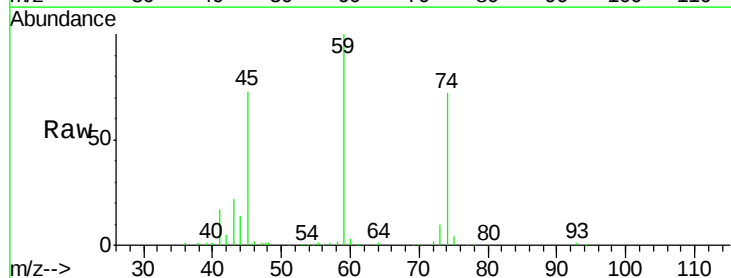
Tot Ion:101 Resp: 56022
 Ion Ratio Lower Upper
 101 100
 103 61.7 51.0 76.4

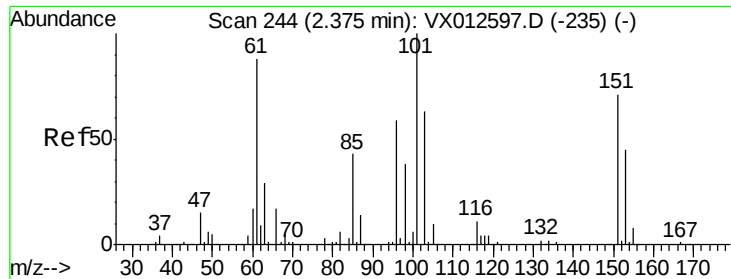


#8

Diethyl Ether
 Concen: 17.099 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012760.D
 Acq: 02 Oct 2019 14:52

Tgt Ion: 74 Resp: 21893
 Ion Ratio Lower Upper
 74 100
 45 100.0 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.498 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

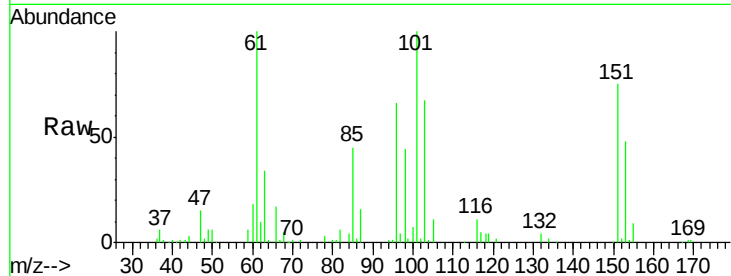
Tot Ion:101 Resp: 35201

Ion Ratio Lower Upper

101 100

85 43.7 37.3 55.9

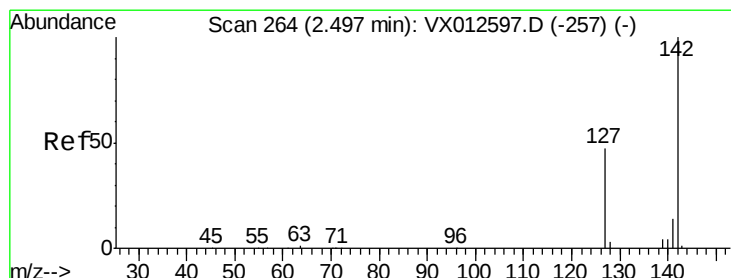
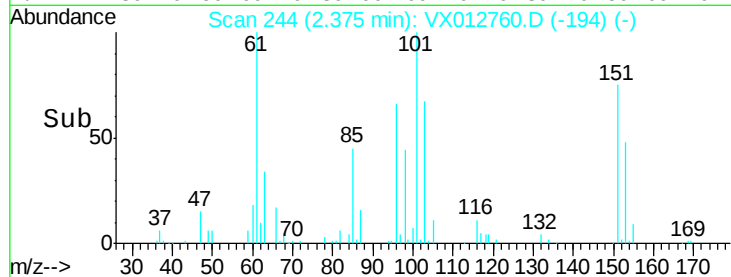
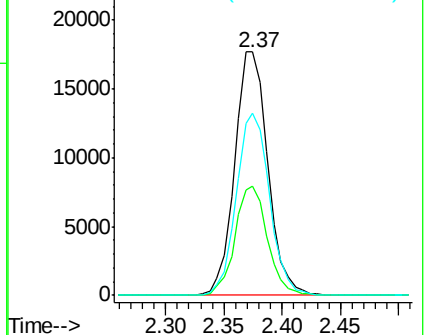
151 74.6 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.934 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

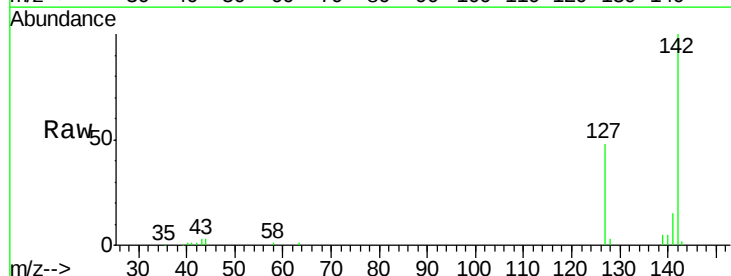
Tgt Ion:142 Resp: 28886

Ion Ratio Lower Upper

142 100

127 47.3 40.8 61.2

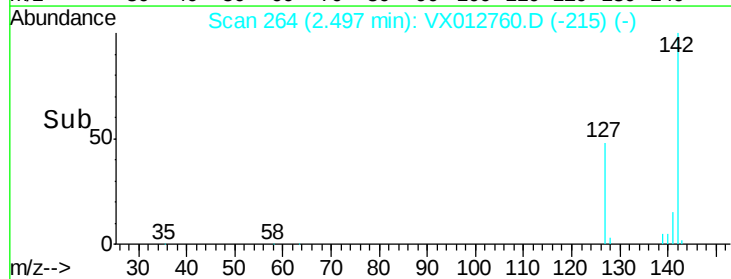
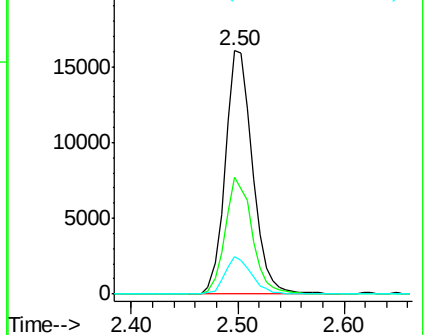
141 14.9 12.1 18.1

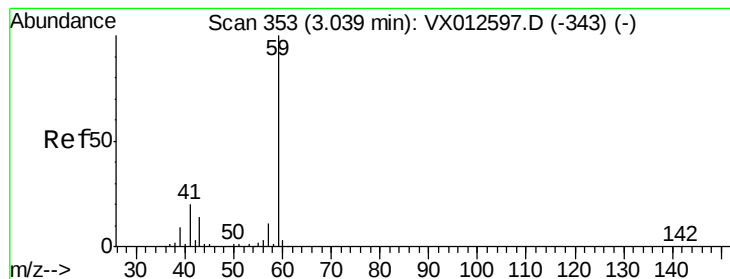


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 87.695 ug/l

RT: 3.03 min Scan# 352

Delta R.T. -0.01 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

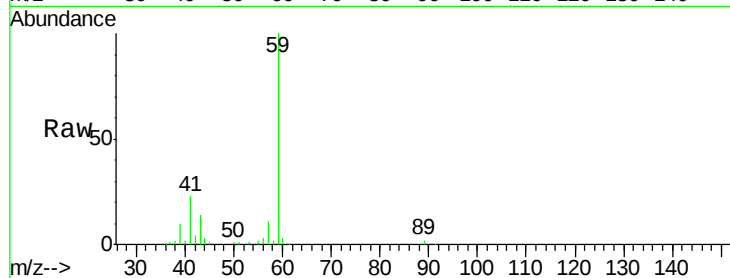
ClientSampled :

Tot Ion: 59 Resp: 55287

Ion Ratio Lower Upper

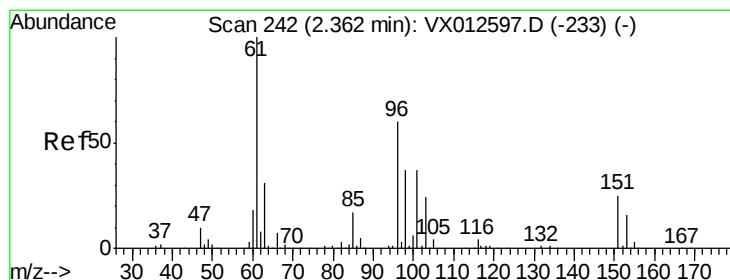
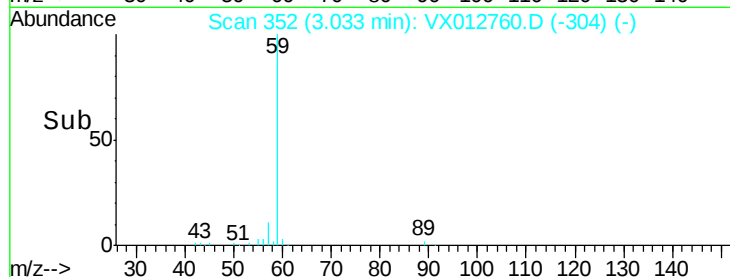
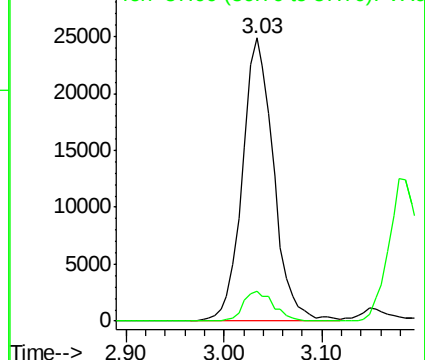
59 100

57 10.5 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 18.158 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

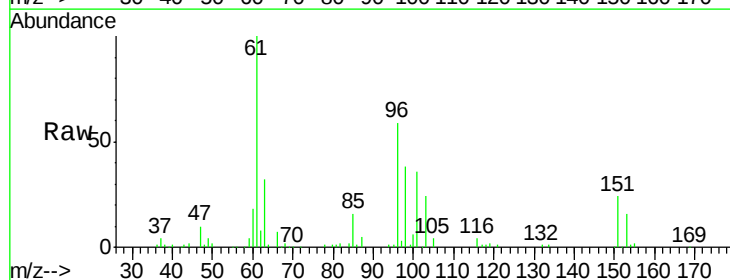
Tgt Ion: 96 Resp: 33835

Ion Ratio Lower Upper

96 100

61 169.7 133.8 200.6

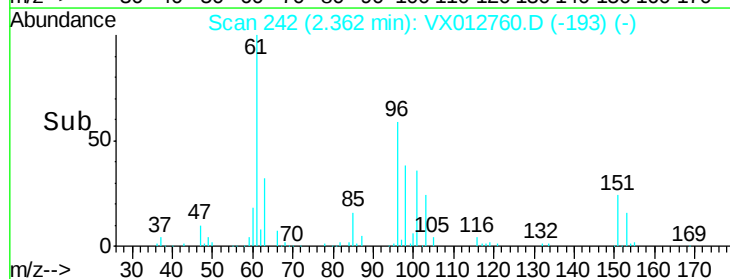
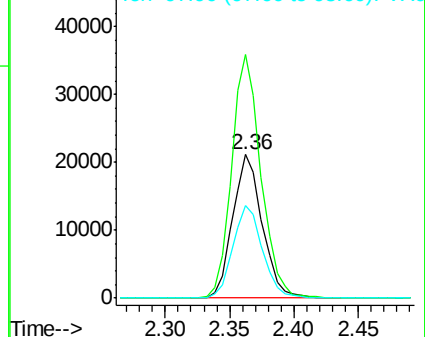
98 64.4 49.9 74.9

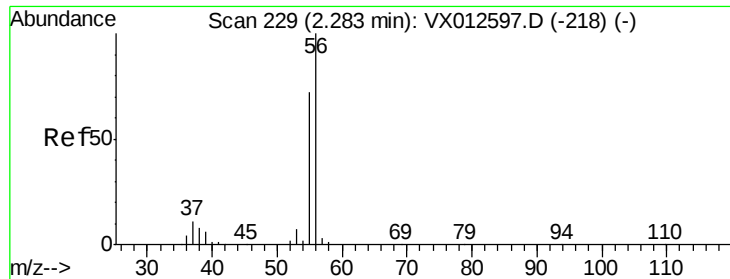


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 71.079 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

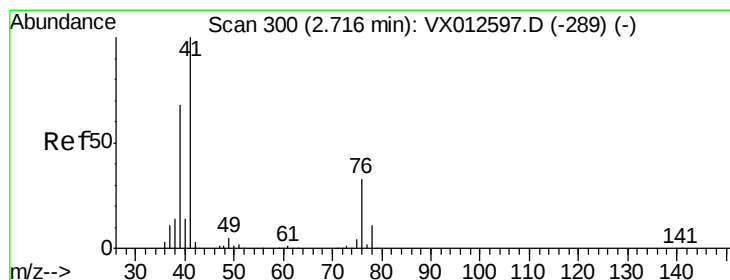
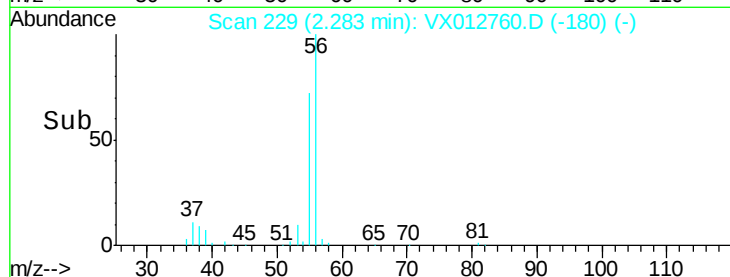
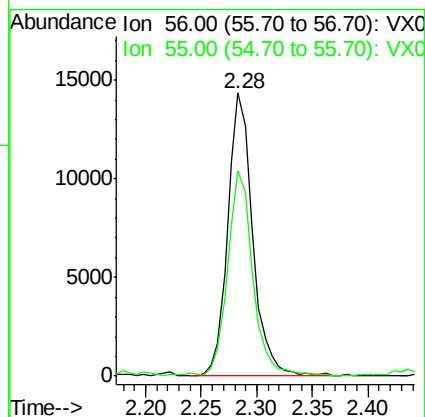
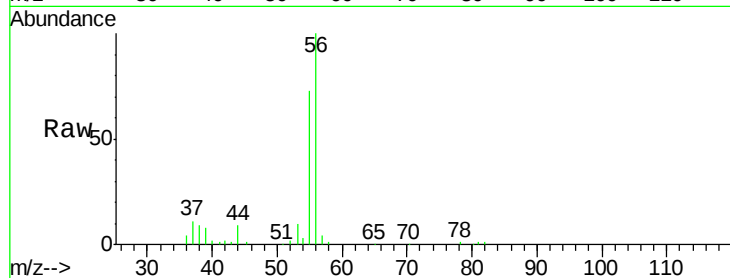
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 22281

Ion Ratio Lower Upper

56 100

55 73.8 55.8 83.8



#14

Allyl chloride

Concen: 17.410 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

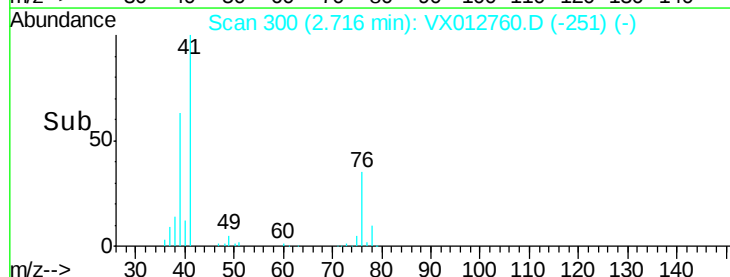
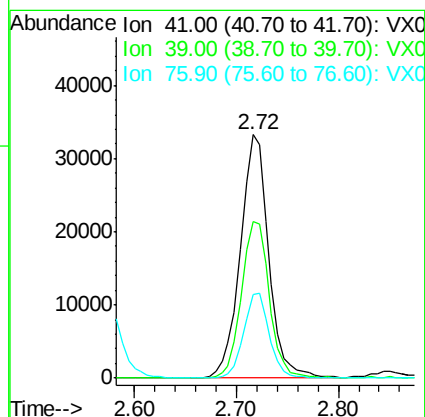
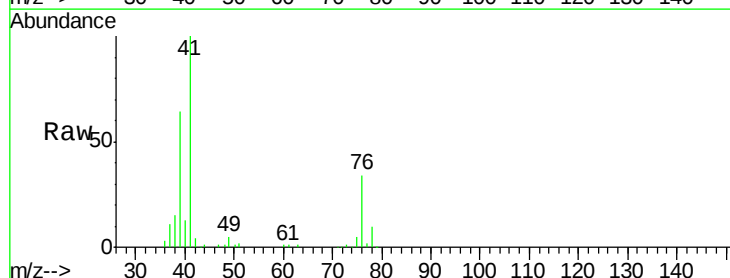
Tgt Ion: 41 Resp: 64364

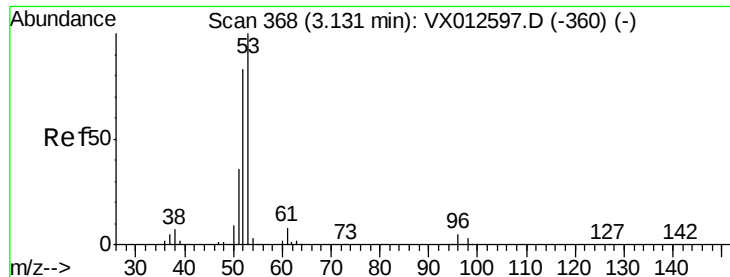
Ion Ratio Lower Upper

41 100

39 63.0 51.3 76.9

76 31.5 22.6 33.8





#15

Acrylonitrile

Concen: 92.503 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

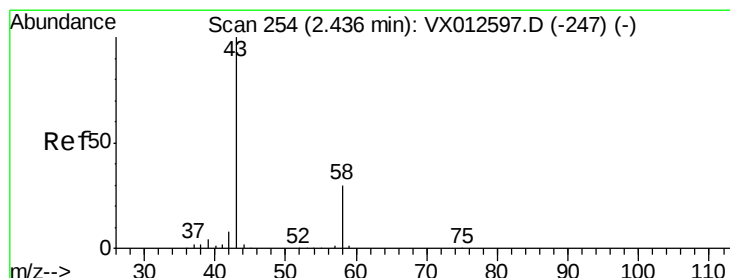
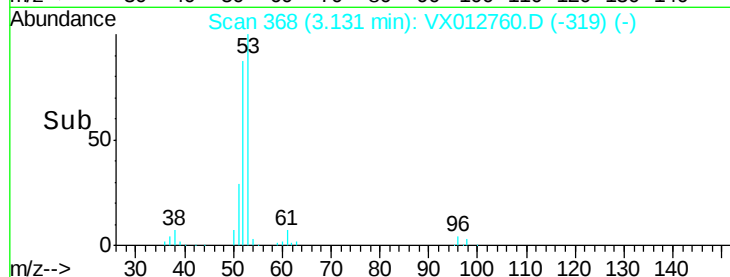
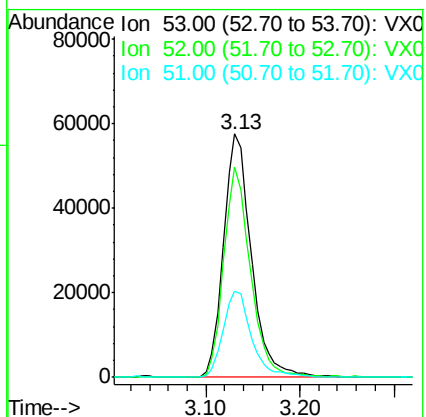
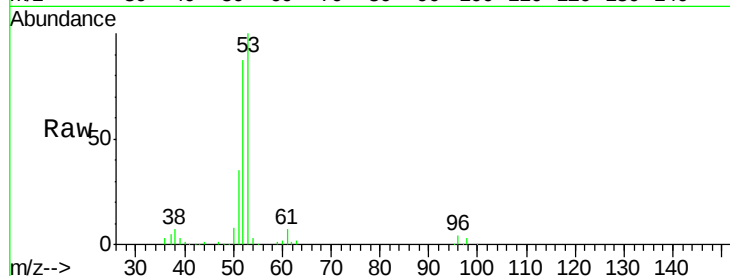
Tot Ion: 53 Resp: 118315

Ion Ratio Lower Upper

53 100

52 83.4 67.0 100.4

51 36.3 29.6 44.4



#16

Acetone

Concen: 85.666 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012760.D

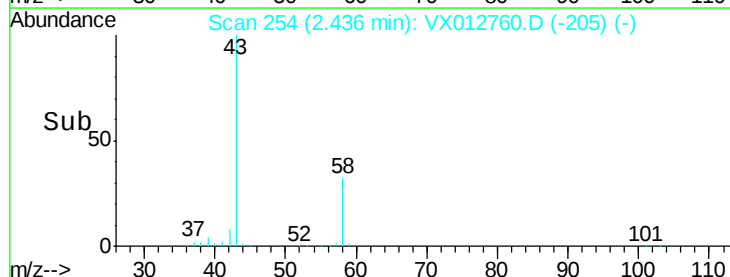
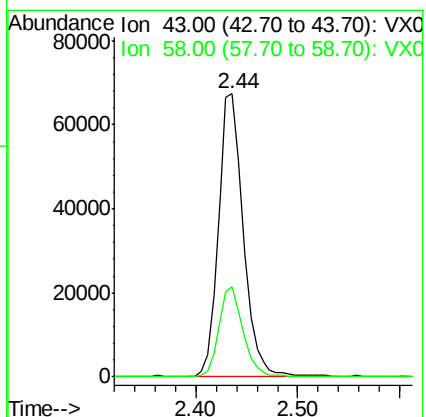
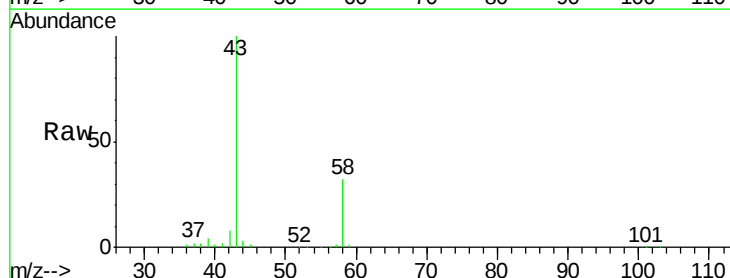
Acq: 02 Oct 2019 14:52

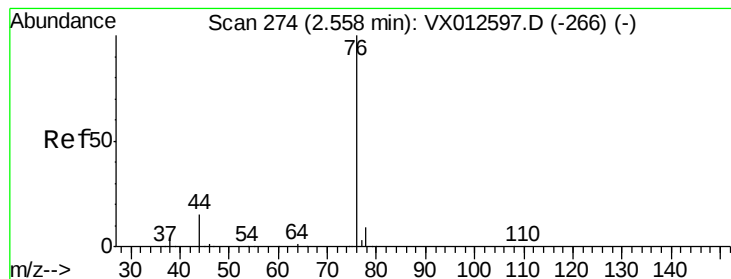
Tgt Ion: 43 Resp: 114516

Ion Ratio Lower Upper

43 100

58 31.8 23.3 34.9





#17

Carbon Disulfide

Concen: 15.461 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

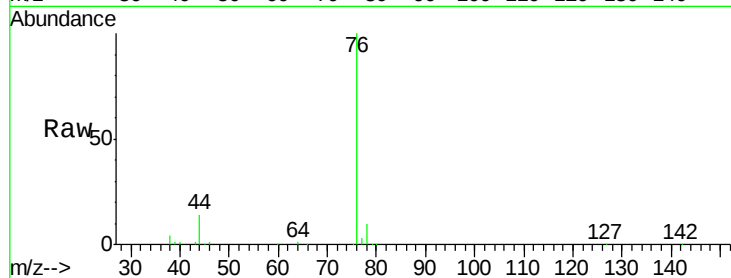
ClientSampled :

Tot Ion: 76 Resp: 80769

Ion Ratio Lower Upper

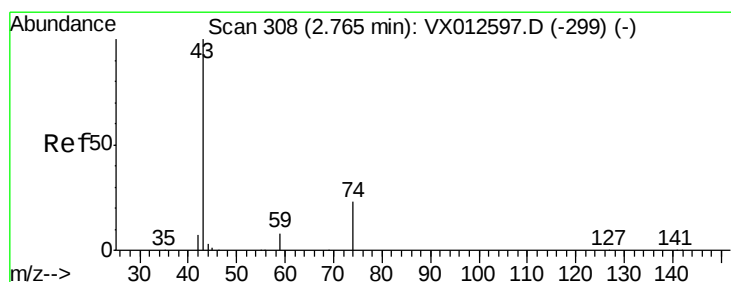
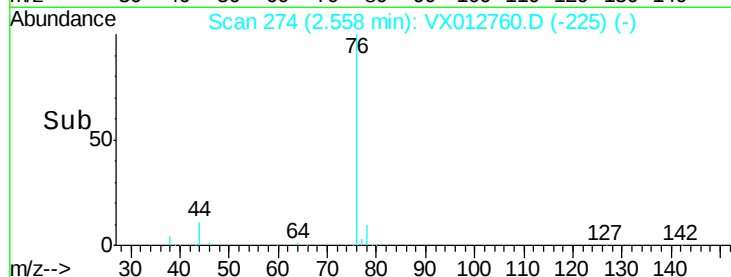
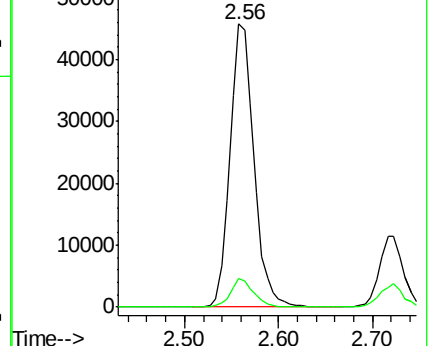
76 100

78 10.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.284 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012760.D

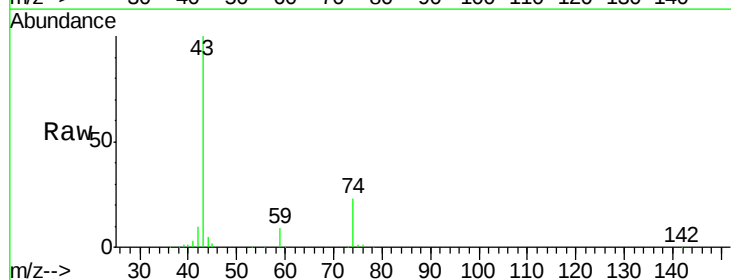
Acq: 02 Oct 2019 14:52

Tgt Ion: 43 Resp: 57552

Ion Ratio Lower Upper

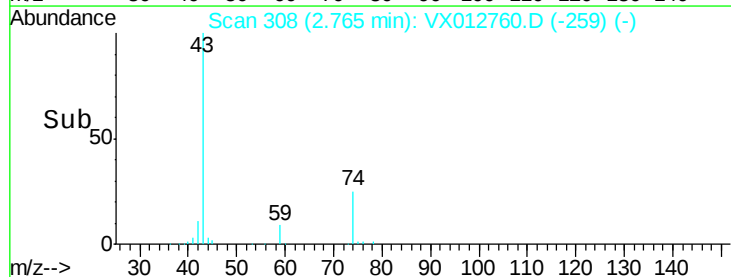
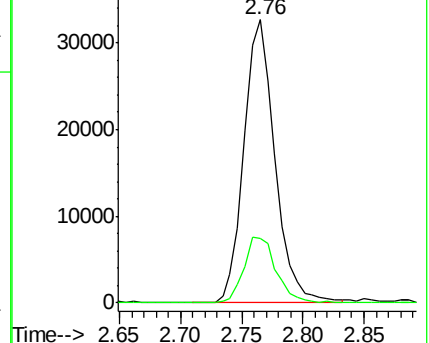
43 100

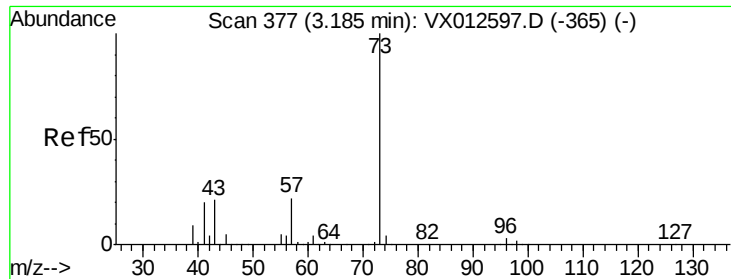
74 24.5 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

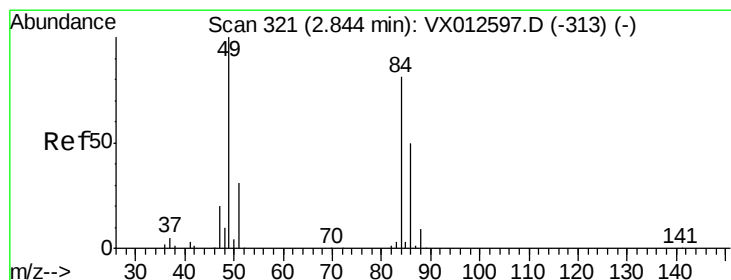
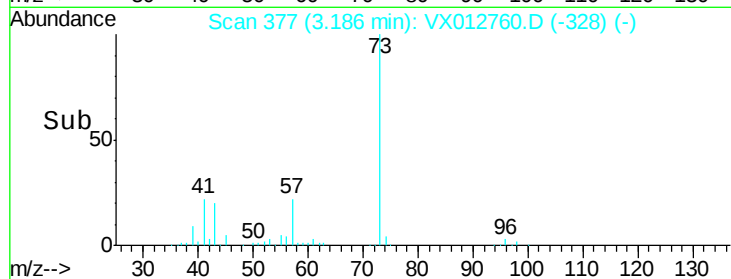
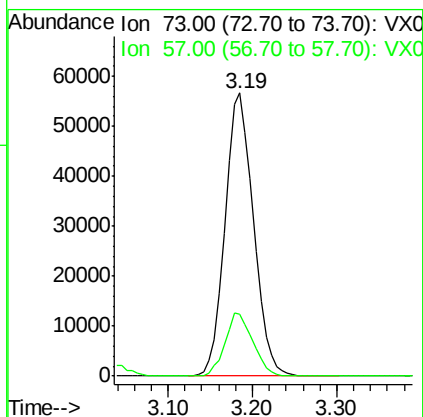
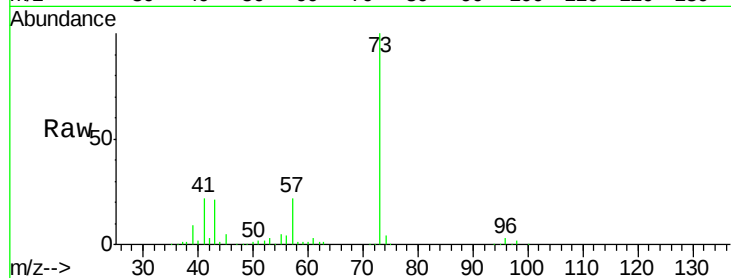




#19
Methvl tert-butvl Ether
Concen: 18.481 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

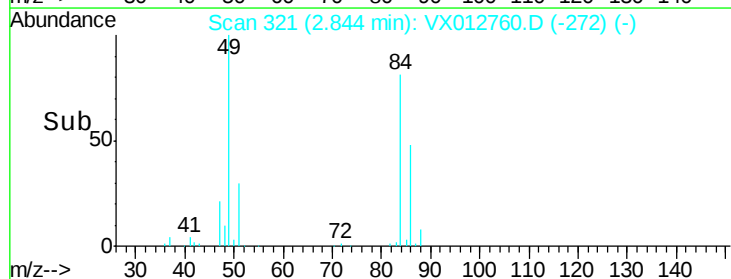
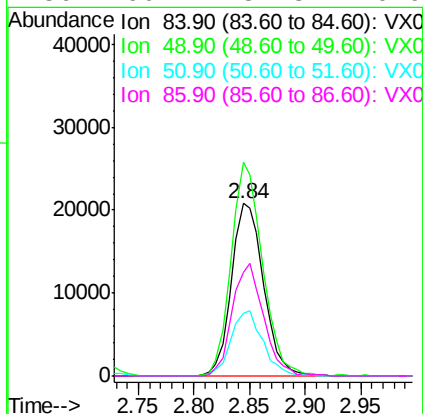
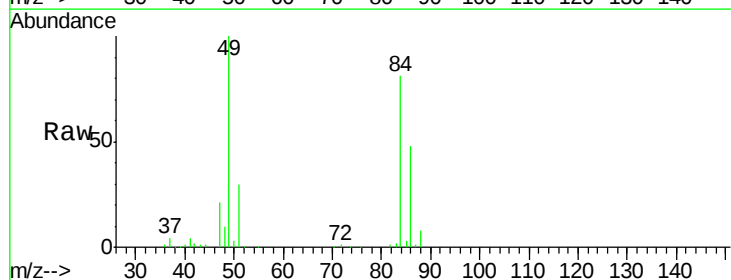
Instrument :
MSVOA_X
ClientSampleId :

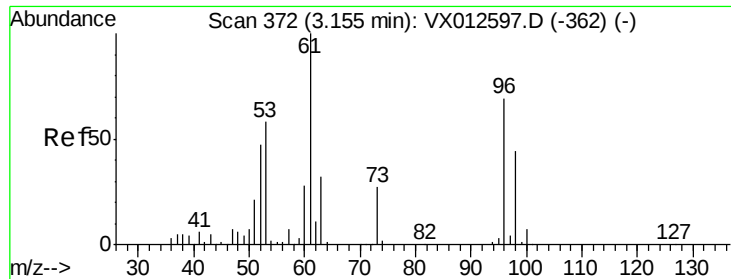
Tot Ion: 73 Resp: 130350
Ion Ratio Lower Upper
73 100
57 21.9 16.8 25.2



#20
Methylene Chloride
Concen: 18.400 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

Tgt Ion: 84 Resp: 41602
Ion Ratio Lower Upper
84 100
49 124.0 106.8 160.2
51 36.7 32.3 48.5
86 60.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.921 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

ClientSampled :

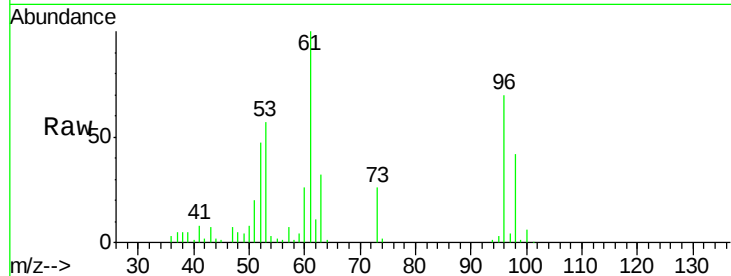
Tot Ion: 96 Resp: 36995

Ion Ratio Lower Upper

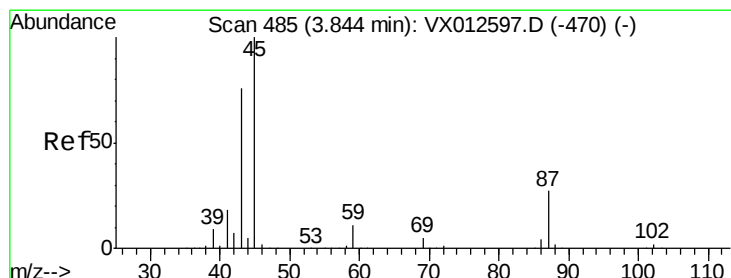
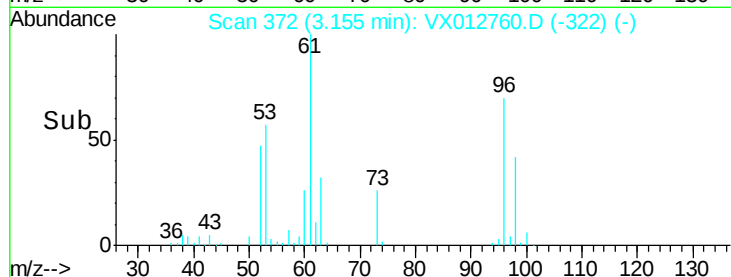
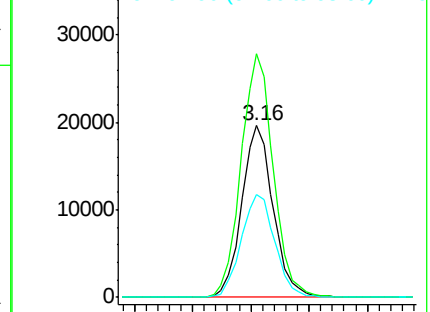
96 100

61 142.0 112.0 168.0

98 60.0 47.8 71.8



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: 18.281 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Tgt Ion: 45 Resp: 130593

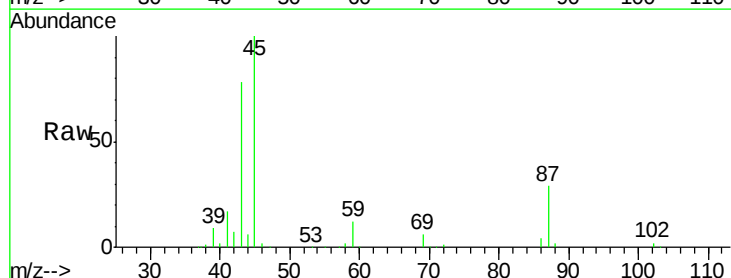
Ion Ratio Lower Upper

45 100

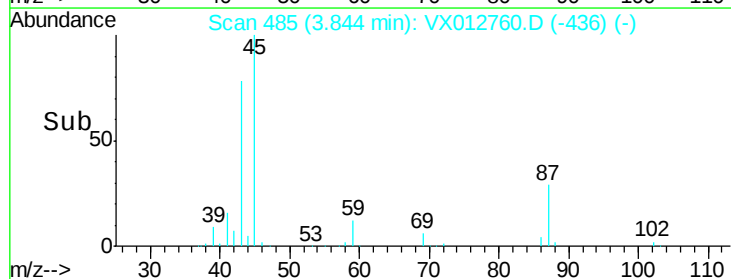
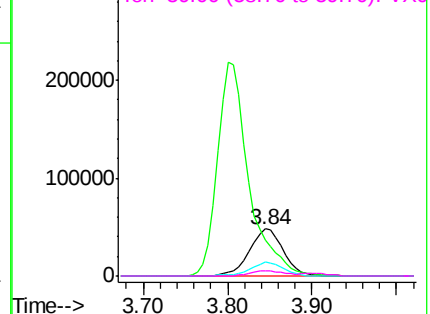
43 76.4 57.8 86.8

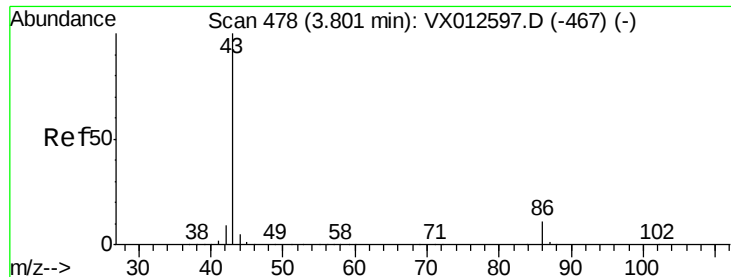
87 28.9 21.3 31.9

59 11.7 8.5 12.7



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





#23

Vinyl Acetate

Concen: 89.984 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

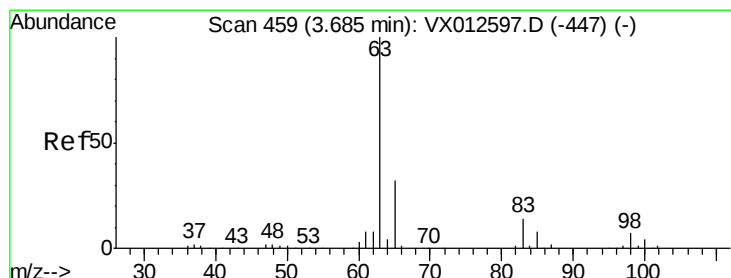
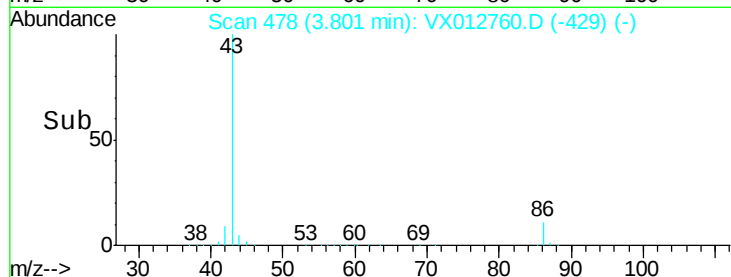
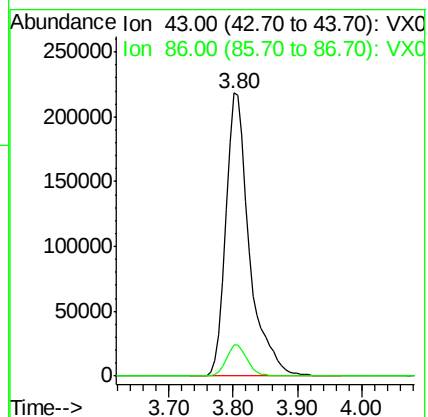
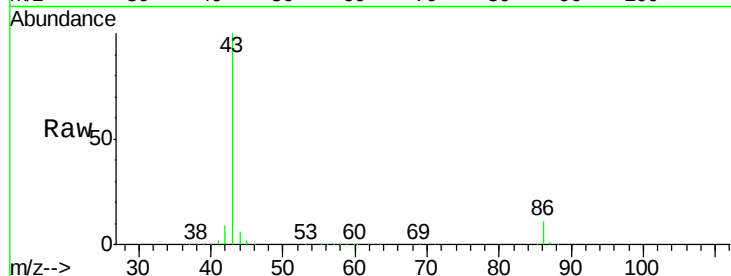
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 563713

Ion Ratio Lower Upper

43 100

86 10.8 7.8 11.8



#24

1,1-Dichloroethane

Concen: 18.427 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

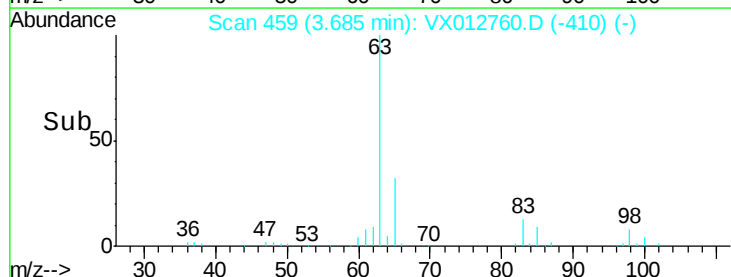
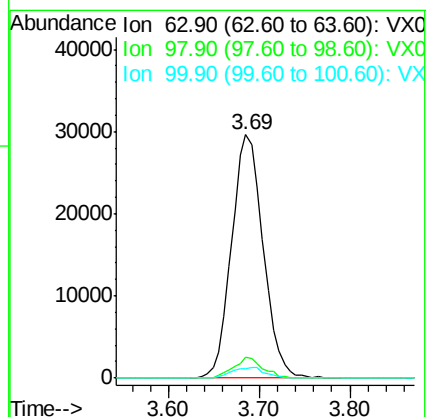
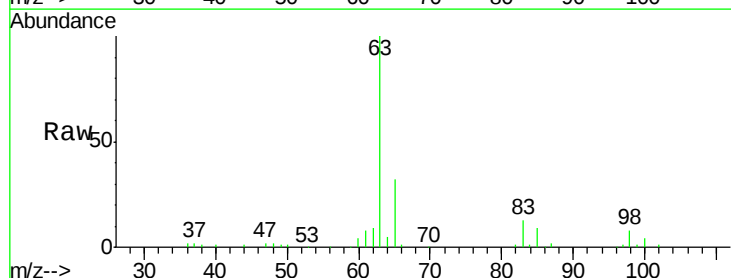
Tgt Ion: 63 Resp: 71553

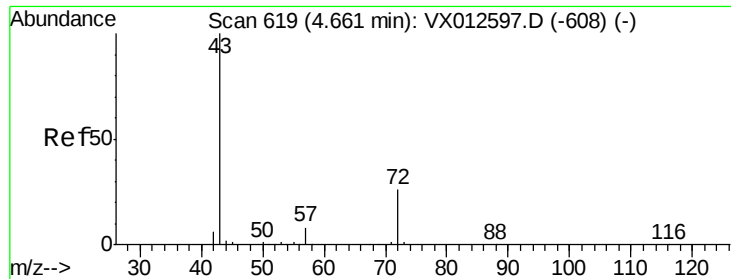
Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.7

100 3.7 2.3 6.9





#25

2-Butanone

Concen: 88.865 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

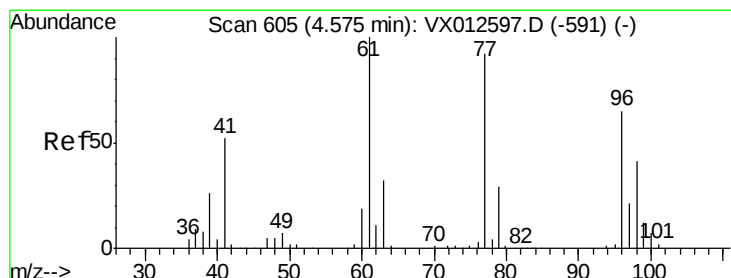
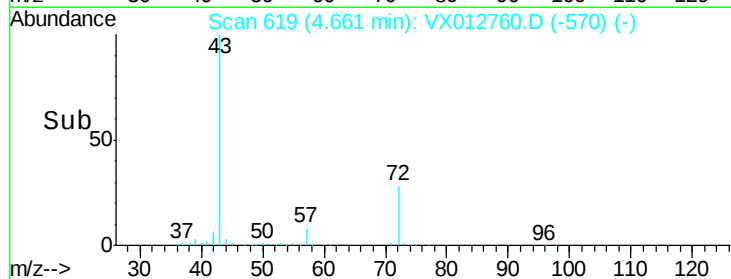
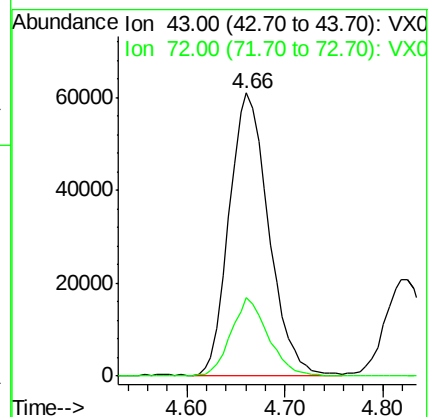
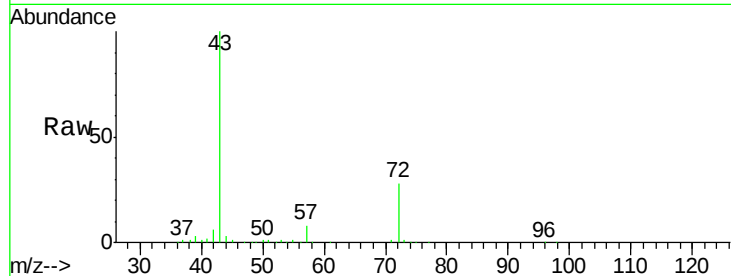
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 170331

Ion Ratio Lower Upper

43 100

72 27.7 19.2 28.8



#26

2,2-Dichloropropane

Concen: 17.315 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012760.D

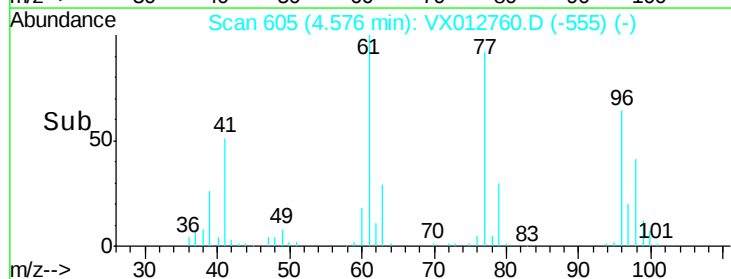
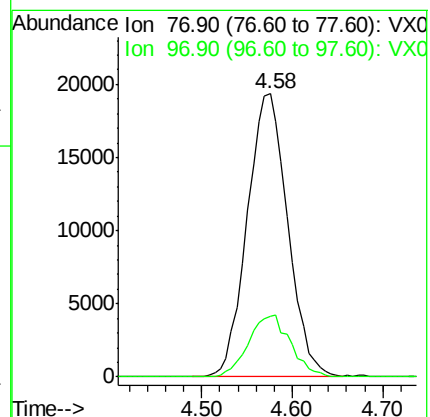
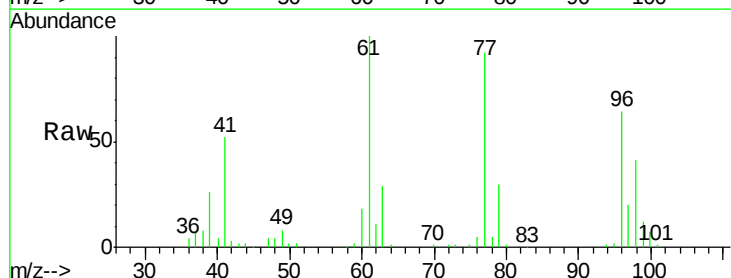
Acq: 02 Oct 2019 14:52

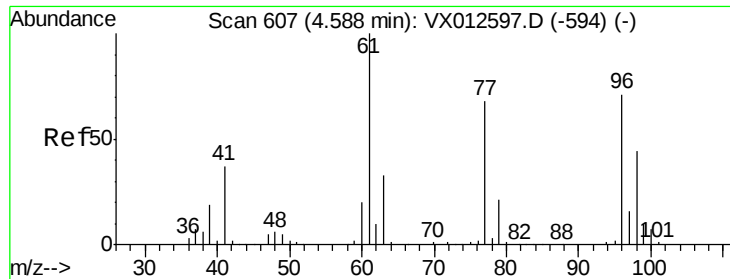
Tgt Ion: 77 Resp: 59799

Ion Ratio Lower Upper

77 100

97 22.5 10.5 31.6



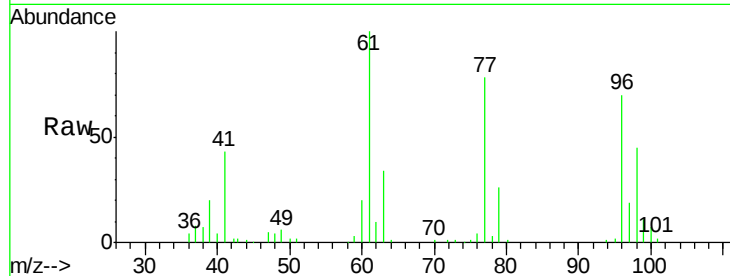


#27

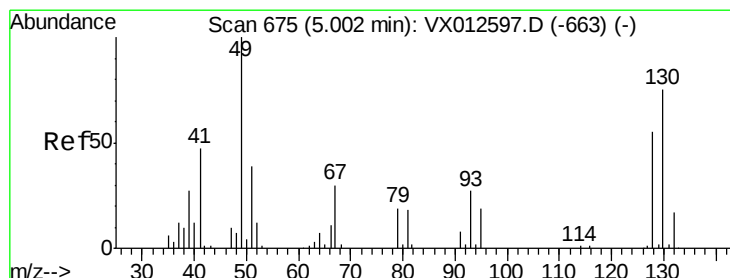
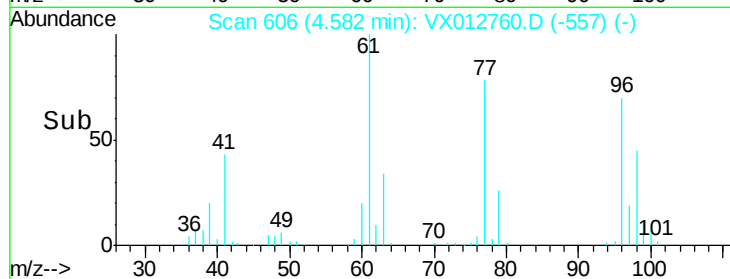
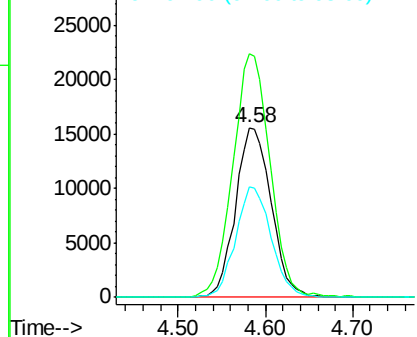
cis-1,2-Dichloroethene
Concen: 18.415 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 44110
Ion Ratio Lower Upper
96 100
61 149.8 0.0 319.4
98 65.1 0.0 130.6



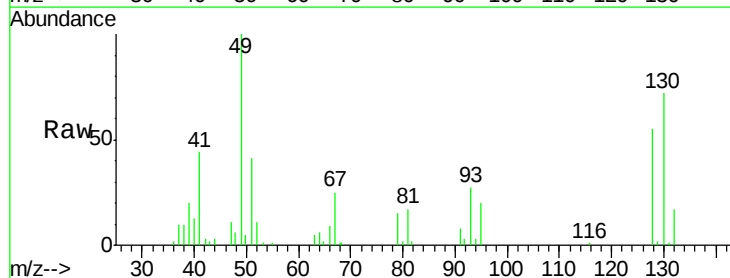
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



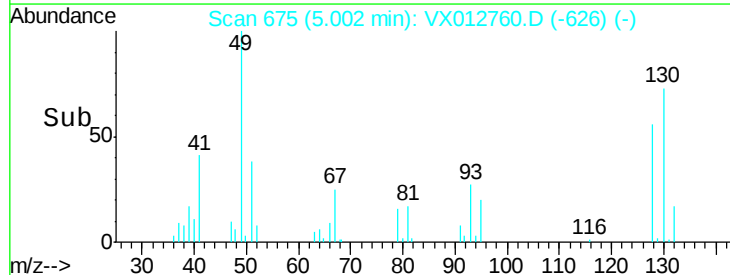
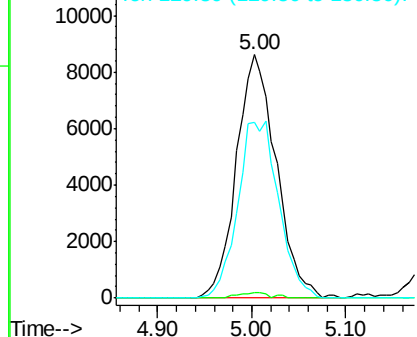
#28

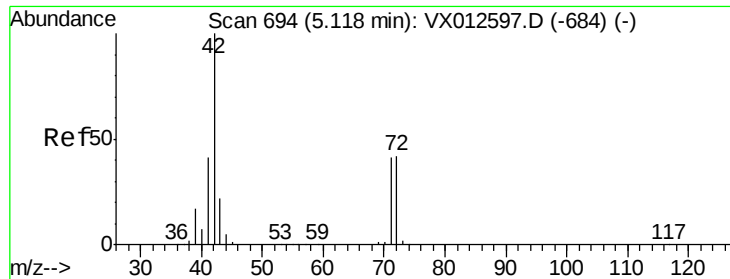
Bromochloromethane
Concen: 17.958 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

Tgt Ion: 49 Resp: 25320
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.8
130 74.7 58.2 87.4



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

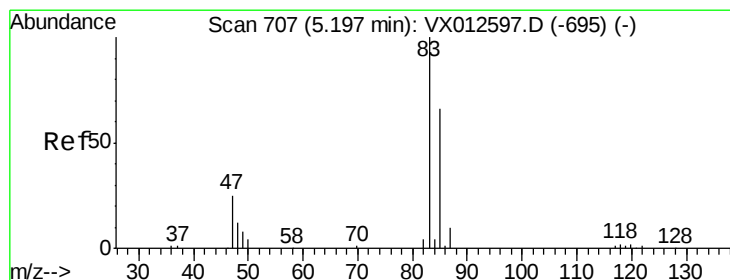
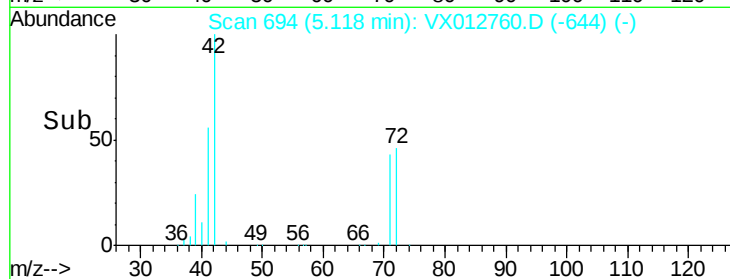
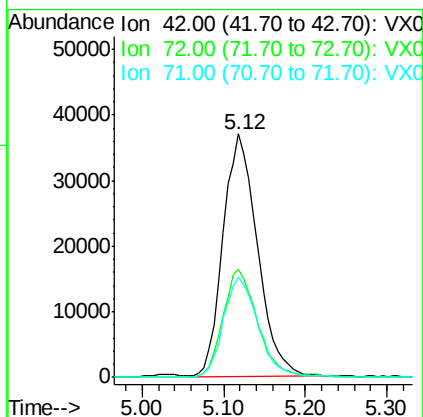
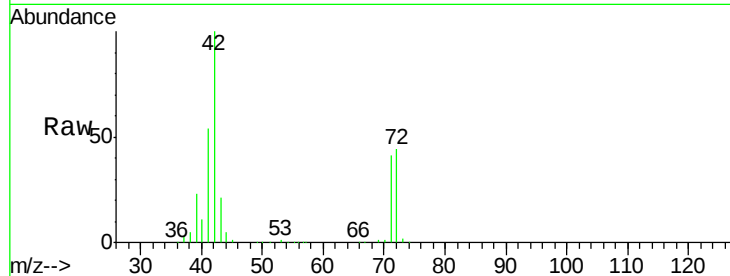




#29
Tetrahydrofuran
Concen: 92.547 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

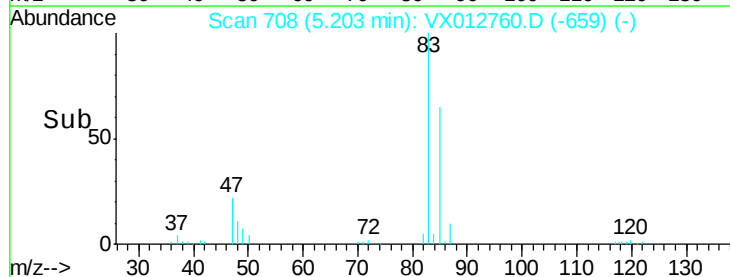
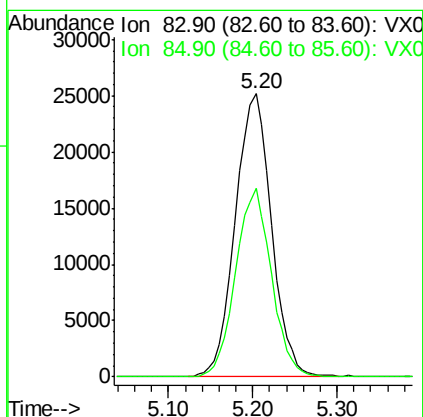
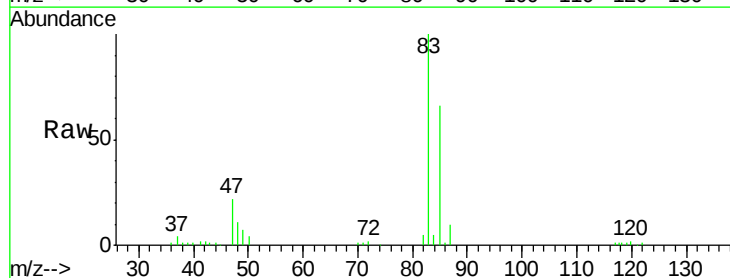
Instrument :
MSVOA_X
ClientSampleId :

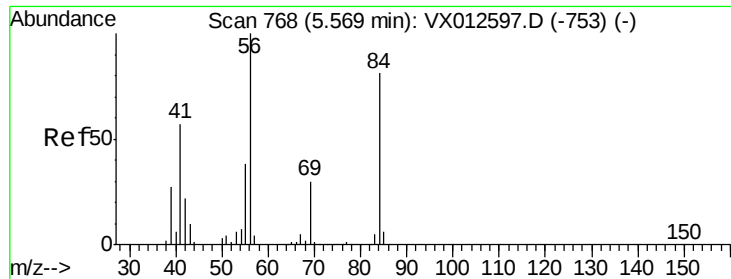
Tot Ion: 42 Resp: 108119
Ion Ratio Lower Upper
42 100
72 44.9 34.0 51.0
71 41.9 31.5 47.3



#30
Chloroform
Concen: 18.432 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

Tgt Ion: 83 Resp: 73226
Ion Ratio Lower Upper
83 100
85 66.5 53.0 79.4

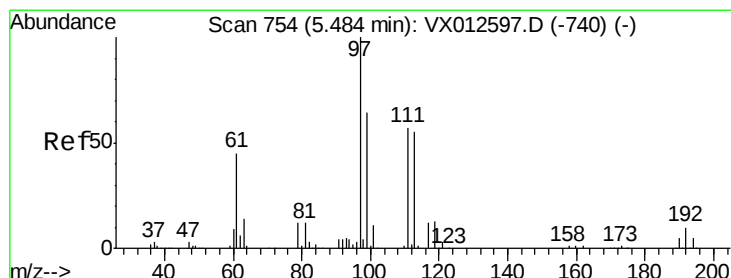
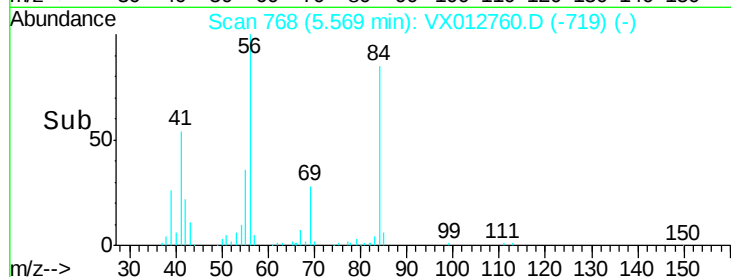
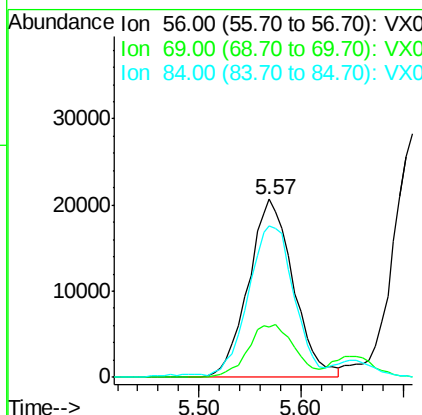
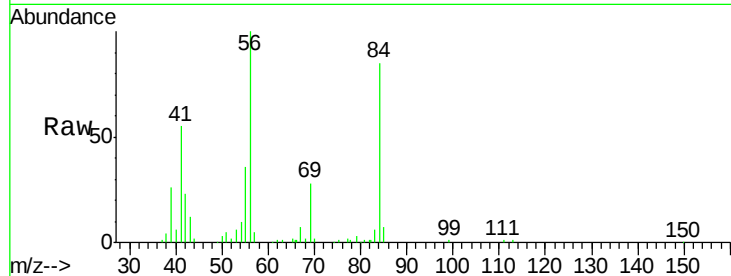




#31
Cyclohexane
Concen: 17.941 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

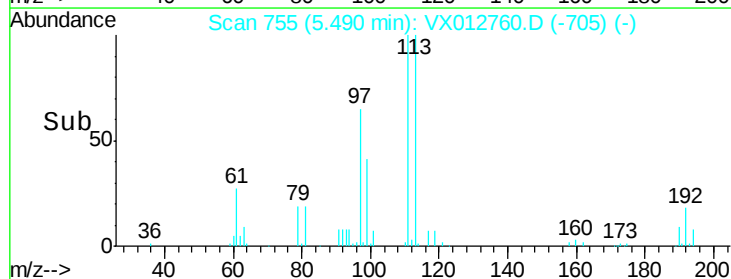
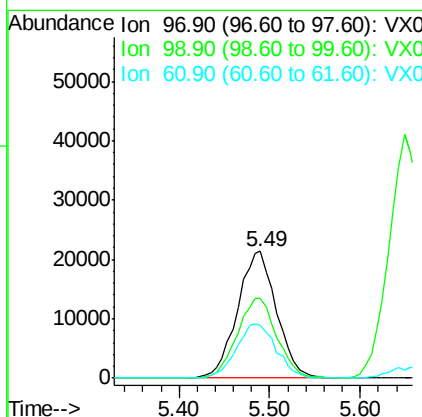
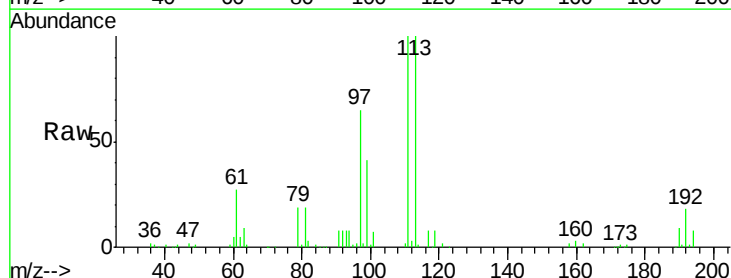
Instrument :
MSVOA_X
ClientSampleId :

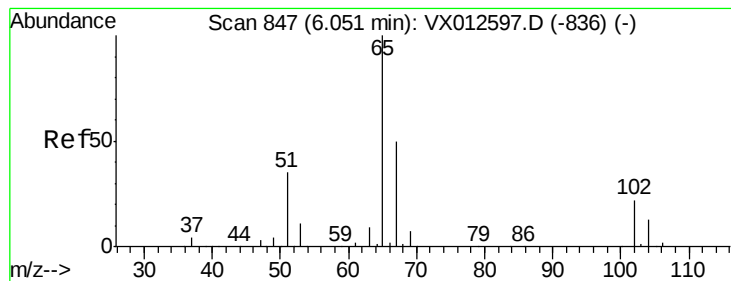
Tot Ion: 56 Resp: 63025
Ion Ratio Lower Upper
56 100
69 28.3 25.0 37.6
84 83.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 18.084 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

Tgt Ion: 97 Resp: 63673
Ion Ratio Lower Upper
97 100
99 63.7 51.3 76.9
61 43.6 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.359 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

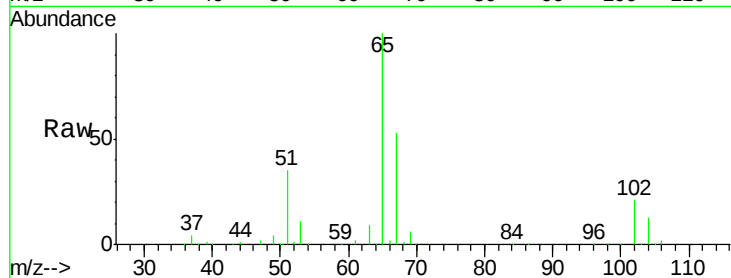
ClientSampleId :

Tot Ion: 65 Resp: 119523

Ion Ratio Lower Upper

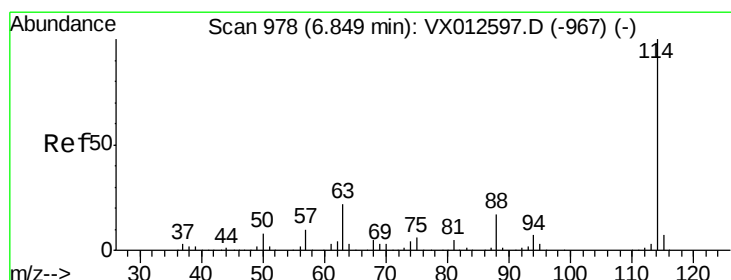
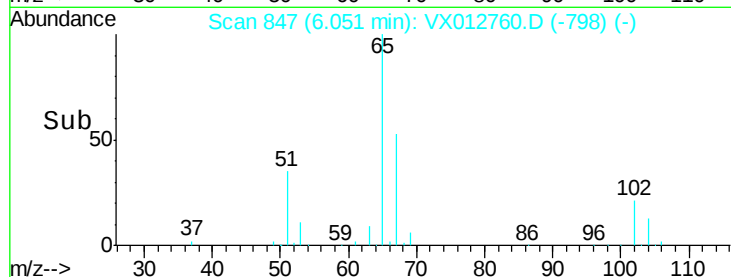
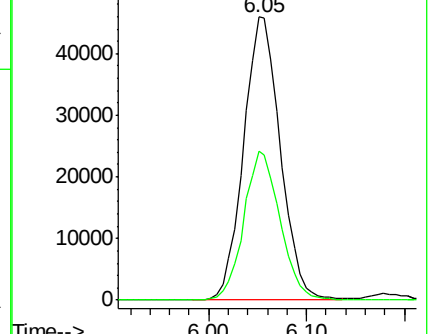
65 100

67 52.0 0.0 101.2



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

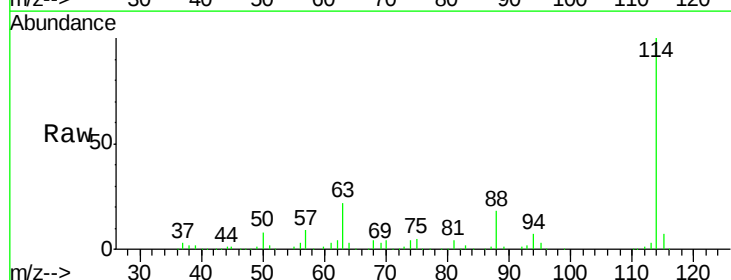
Tgt Ion: 114 Resp: 302810

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

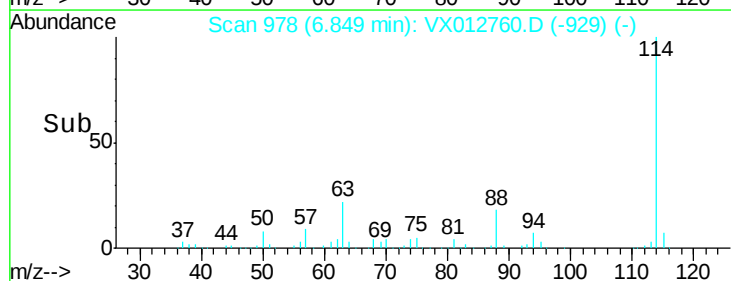
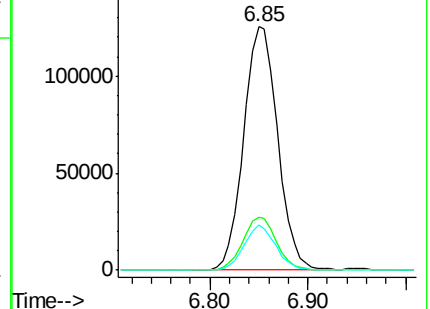
88 18.4 0.0 33.2

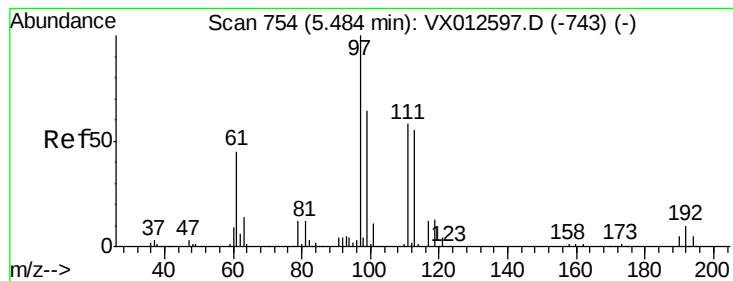


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.603 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

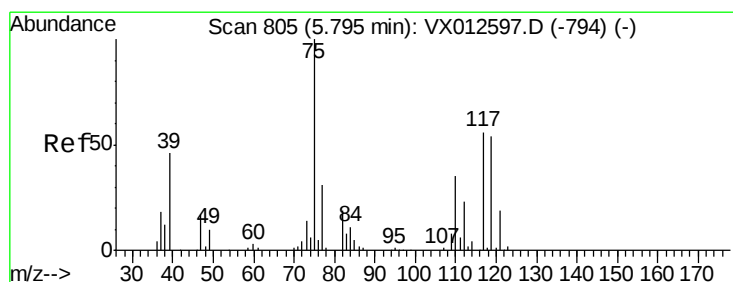
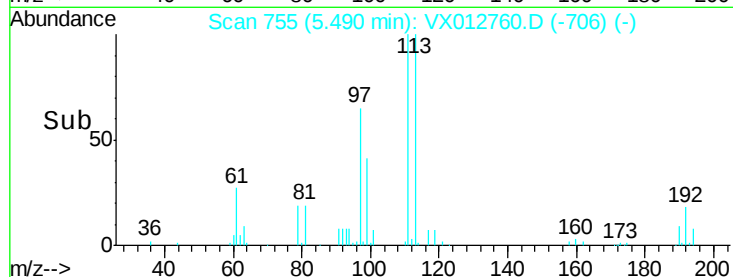
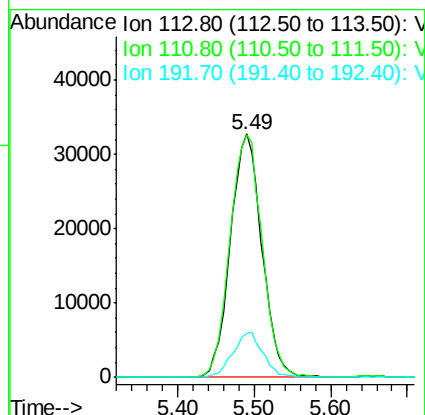
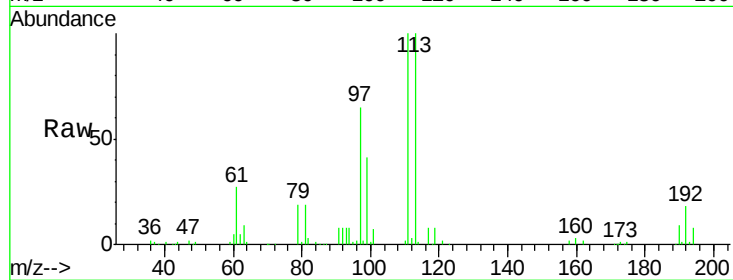
Tot Ion:113 Resp: 93059

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

192 17.6 14.4 21.6



#36

1,1-Dichloropropene

Concen: 18.250 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

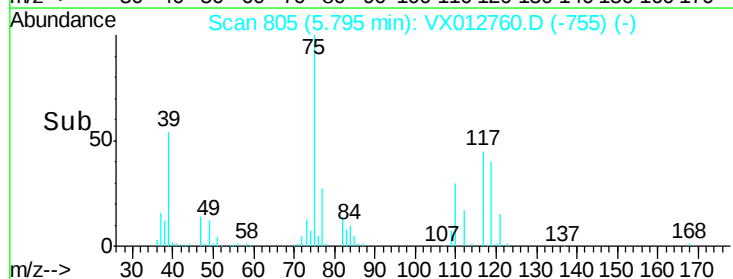
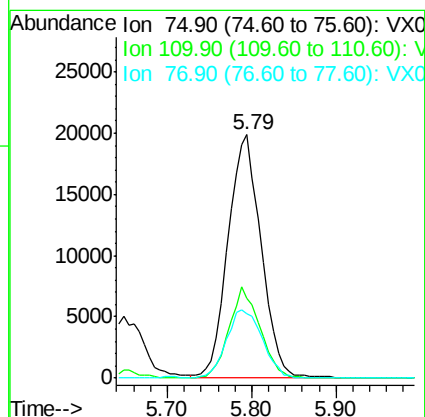
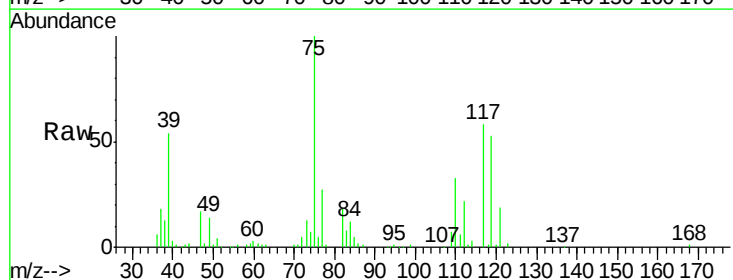
Tgt Ion: 75 Resp: 53268

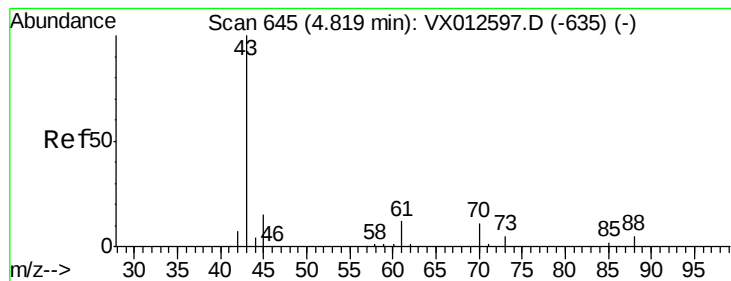
Ion Ratio Lower Upper

75 100

110 34.8 16.7 50.0

77 30.3 24.2 36.2





#37

Ethyl Acetate

Concen: 17.482 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

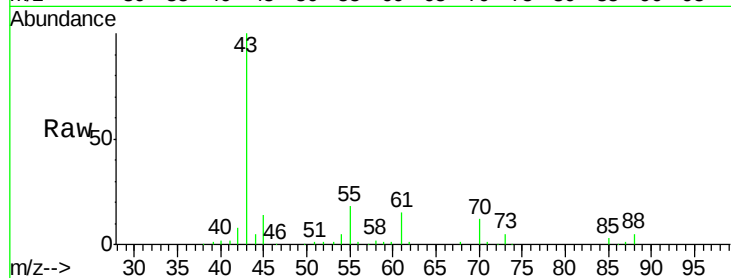
Tot Ion: 43 Resp: 59655

Ion Ratio Lower Upper

43 100

61 15.0 10.2 15.4

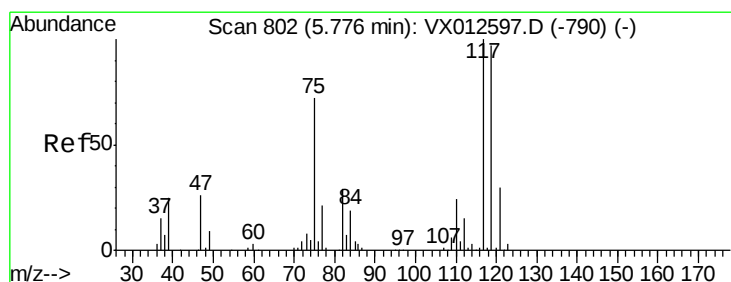
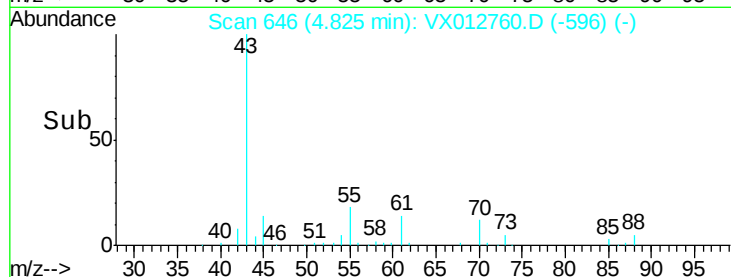
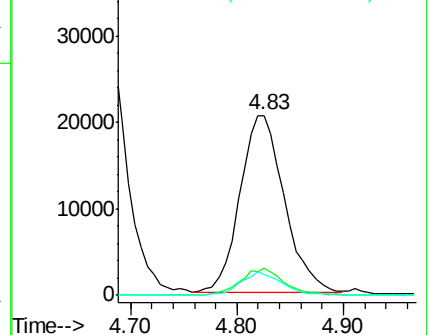
70 12.4 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX012597.D (-635) (-)

Ion 60.90 (60.60 to 61.60): VX012597.D (-635) (-)

Ion 70.00 (69.70 to 70.70): VX012597.D (-635) (-)



#38

Carbon Tetrachloride

Concen: 18.110 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

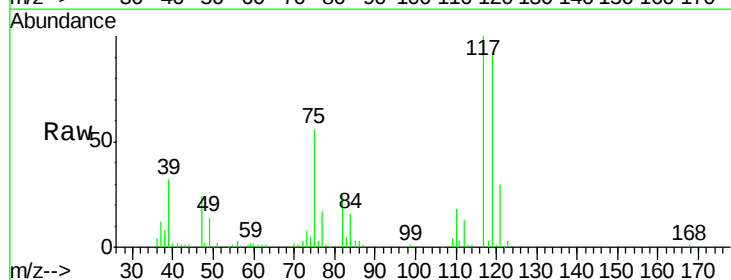
Tgt Ion: 117 Resp: 53696

Ion Ratio Lower Upper

117 100

119 92.5 75.7 113.5

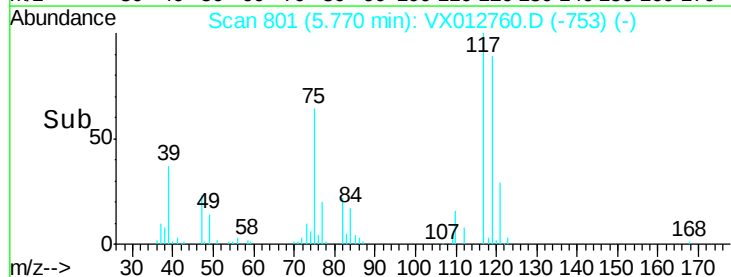
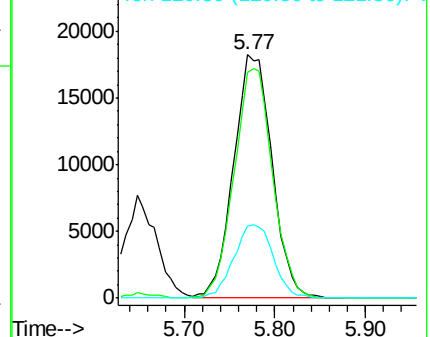
121 29.8 24.2 36.4

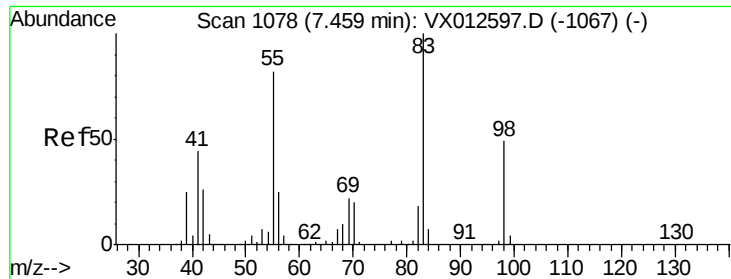


Abundance Ion 116.80 (116.50 to 117.50): VX012597.D (-790) (-)

Ion 118.80 (118.50 to 119.50): VX012597.D (-790) (-)

Ion 120.80 (120.50 to 121.50): VX012597.D (-790) (-)

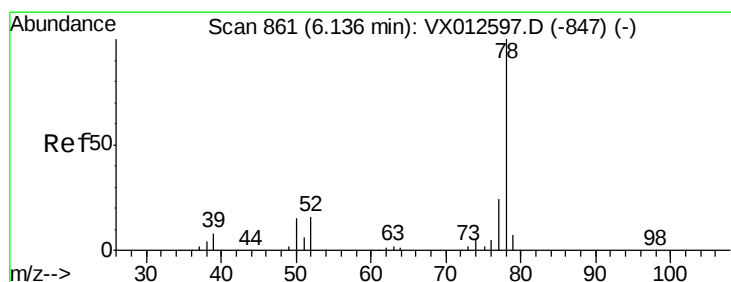
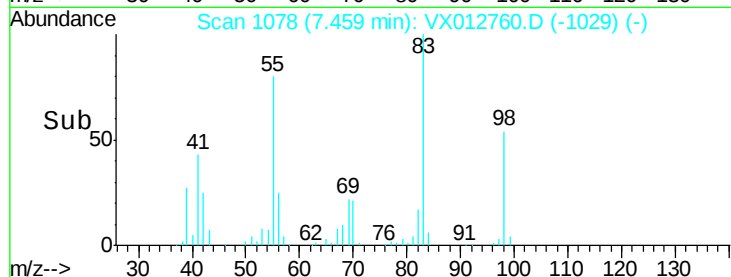
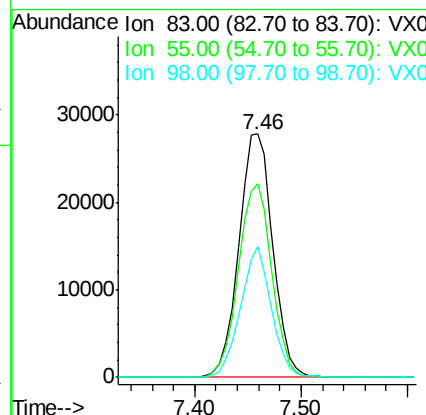
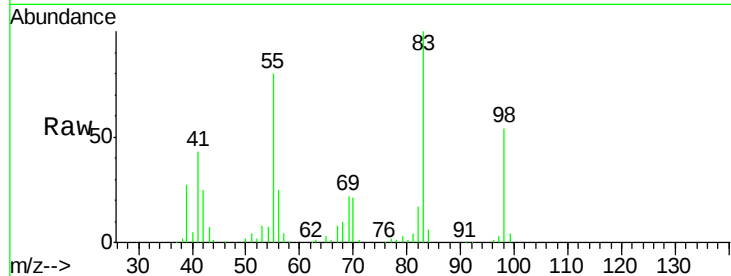




#39
Methvlcvclohexane
Concen: 17.742 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

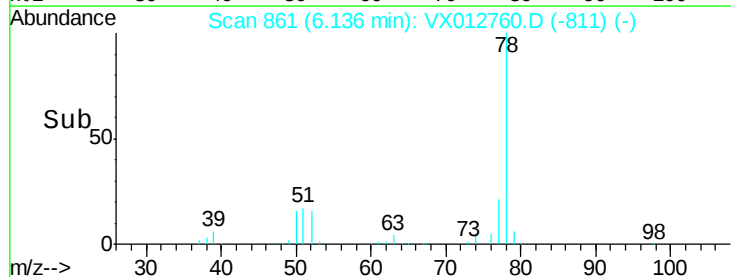
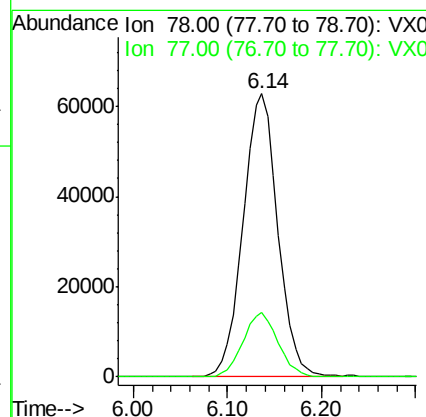
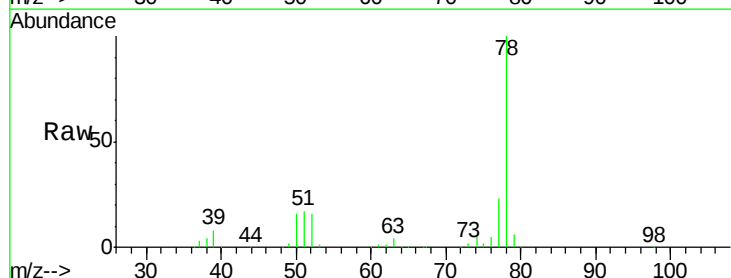
Instrument :
MSVOA_X
ClientSampled :

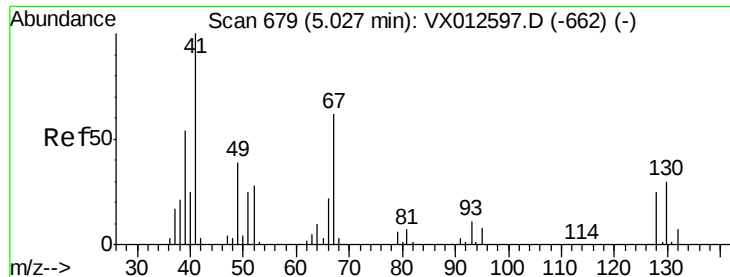
Tot Ion: 83 Resp: 62341
Ion Ratio Lower Upper
83 100
55 79.7 64.4 96.6
98 53.8 40.1 60.1



#40
Benzene
Concen: 18.824 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

Tgt Ion: 78 Resp: 161659
Ion Ratio Lower Upper
78 100
77 22.6 19.2 28.8





#41

Methacrylonitrile

Concen: 18.004 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 34470

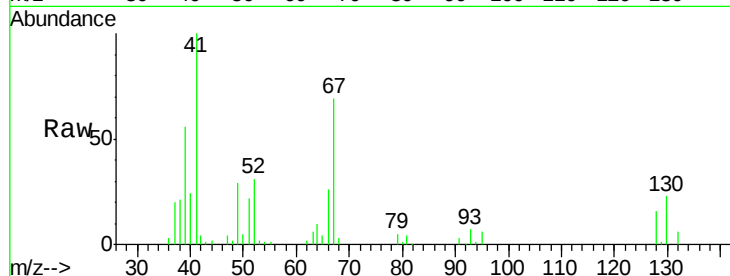
Ion Ratio Lower Upper

41 100

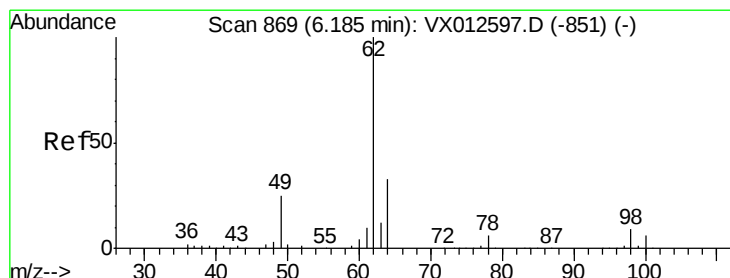
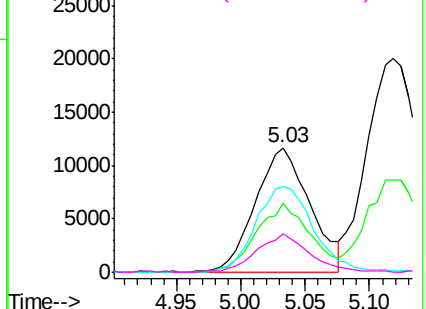
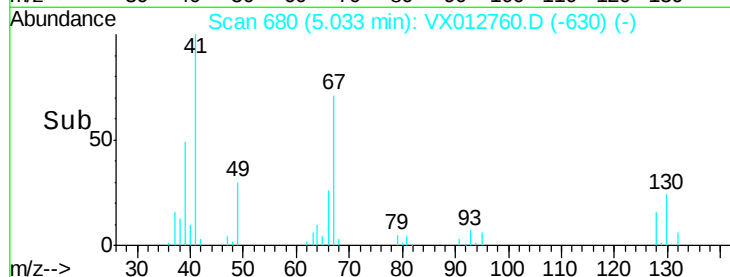
39 54.2 46.0 69.0

67 72.9 52.2 78.2

52 29.5 22.7 34.1



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



#42

1,2-Dichloroethane

Concen: 18.609 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012760.D

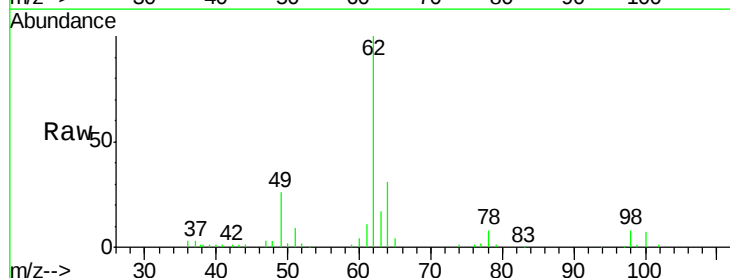
Acq: 02 Oct 2019 14:52

Tgt Ion: 62 Resp: 60688

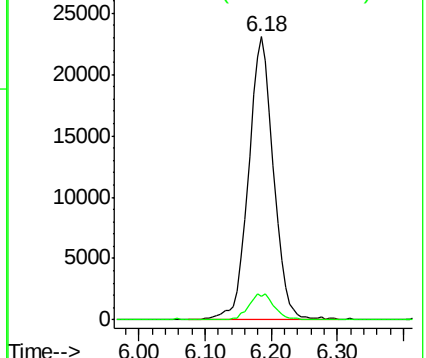
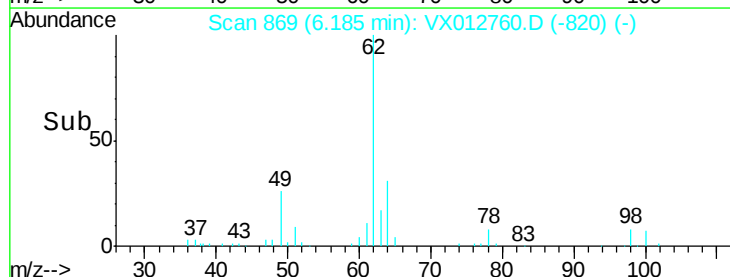
Ion Ratio Lower Upper

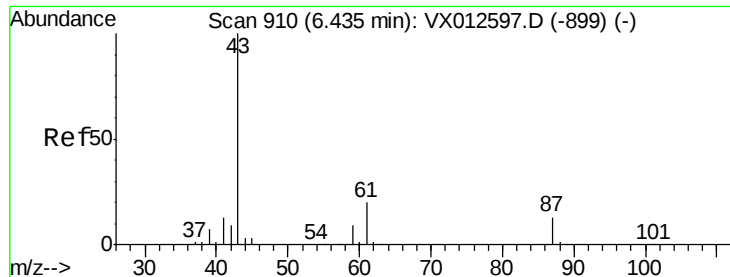
62 100

98 9.5 0.0 17.8



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



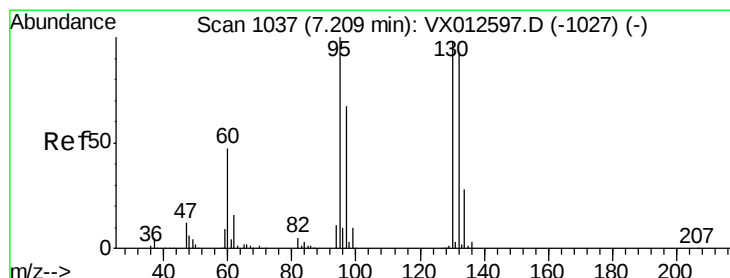
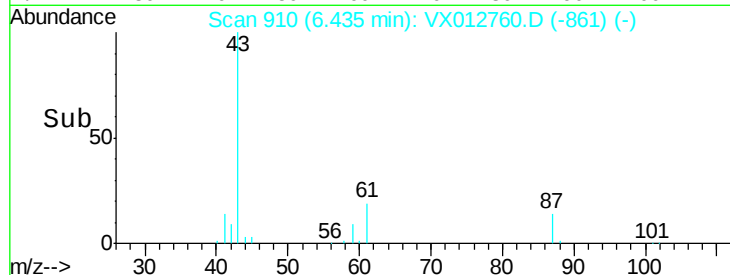
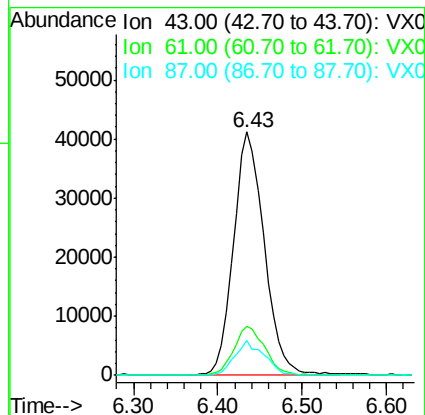
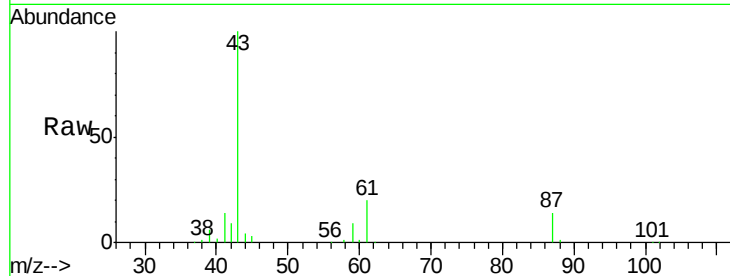


#43

Isopropyl Acetate
 Concen: 17.756 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012760.D
 Acq: 02 Oct 2019 14:52

Instrument :
 MSVOA_X
 ClientSampled :

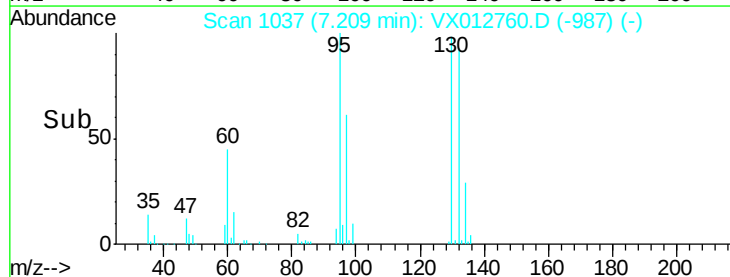
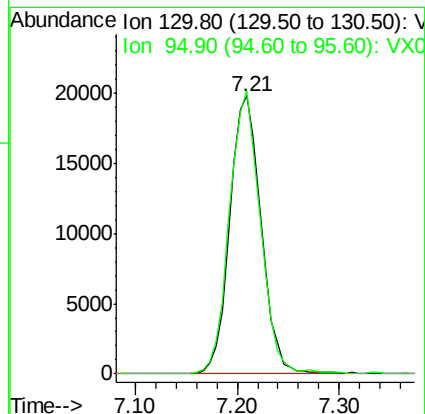
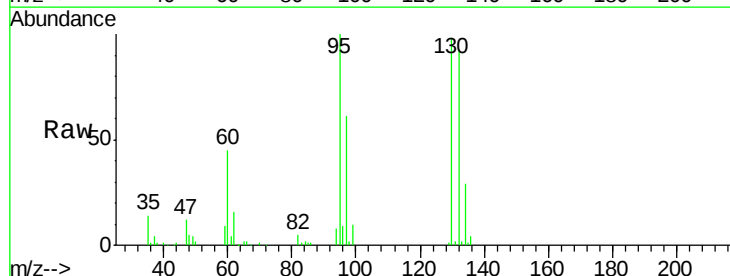
Tot Ion: 43 Resp: 101325
 Ion Ratio Lower Upper
 43 100
 61 20.2 15.4 23.0
 87 13.8 9.8 14.8

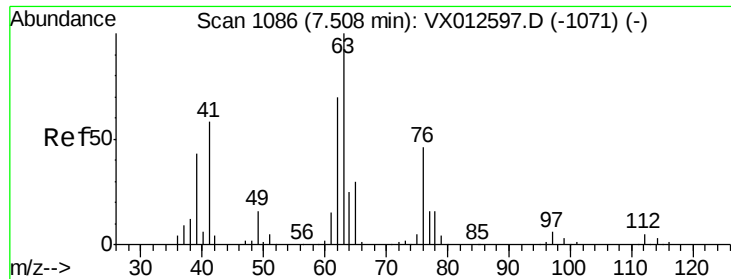


#44

Trichloroethene
 Concen: 19.091 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012760.D
 Acq: 02 Oct 2019 14:52

Tgt Ion: 130 Resp: 41914
 Ion Ratio Lower Upper
 130 100
 95 101.6 0.0 193.0





#45

1,2-Dichloropropane

Concen: 18.919 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

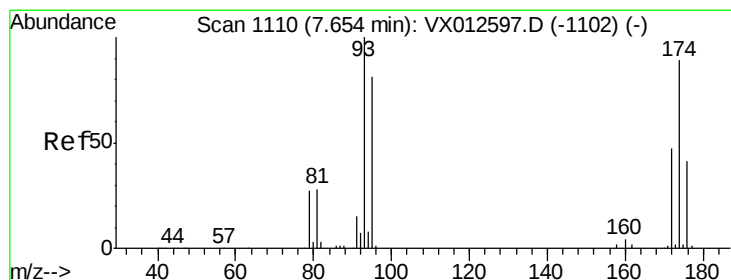
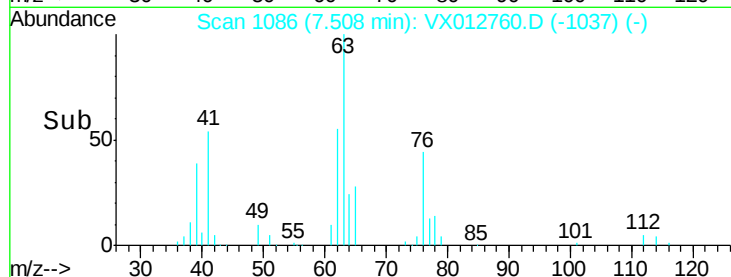
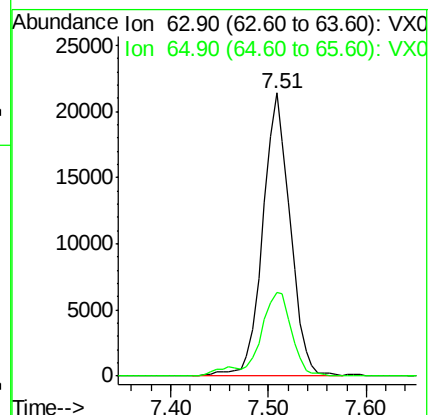
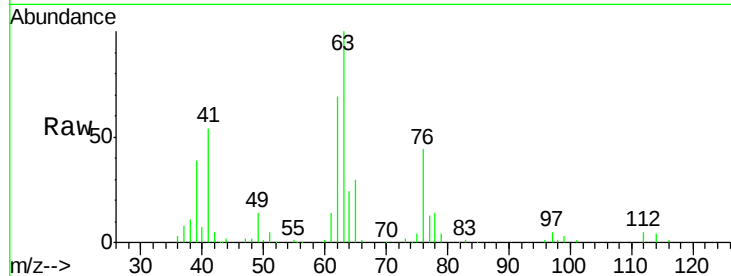
ClientSampled :

Tot Ion: 63 Resp: 41597

Ion Ratio Lower Upper

63 100

65 29.7 25.0 37.6



#46

Dibromomethane

Concen: 18.414 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

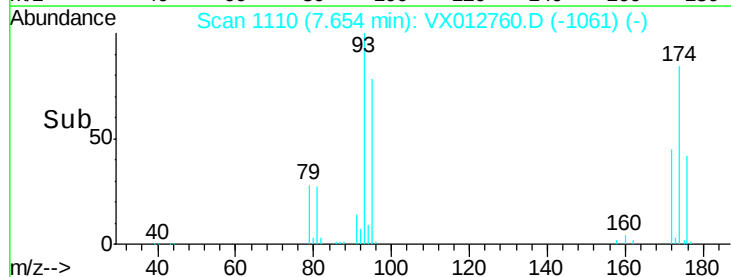
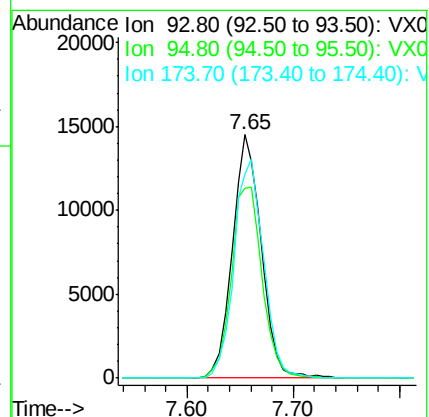
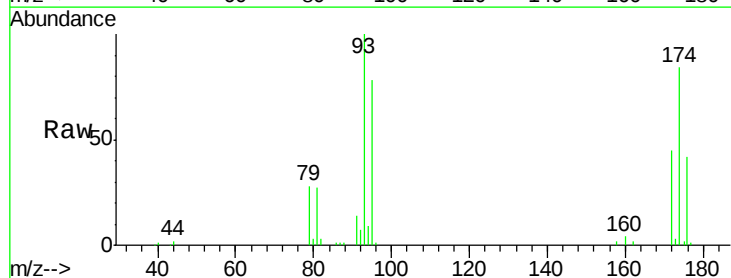
Tgt Ion: 93 Resp: 27565

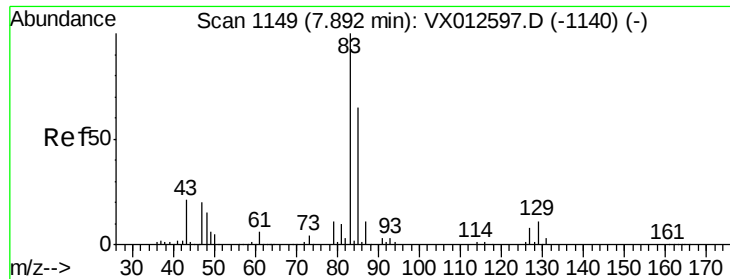
Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

174 91.7 77.4 116.0





#47

Bromodichloromethane

Concen: 17.930 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

ClientSampled :

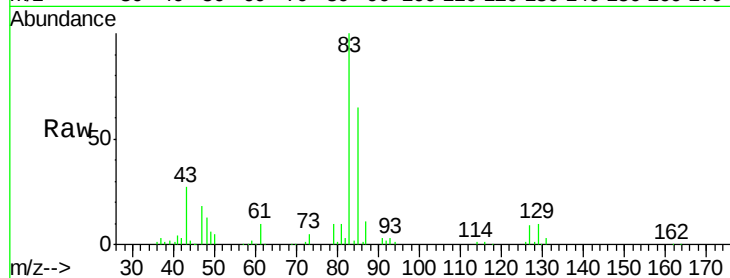
Tot Ion: 83 Resp: 53645

Ion Ratio Lower Upper

83 100

85 65.4 51.8 77.6

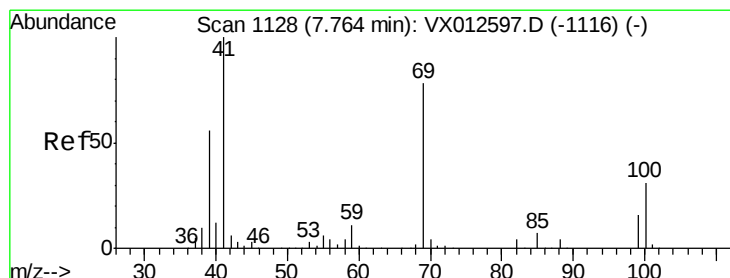
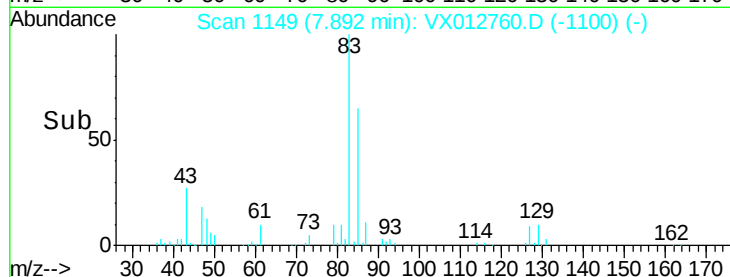
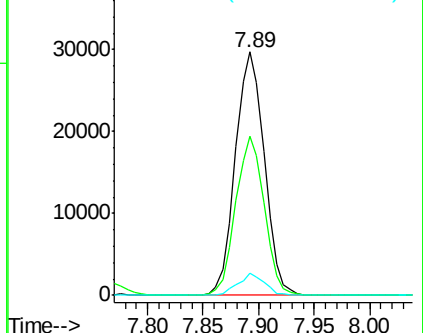
127 9.1 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.534 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

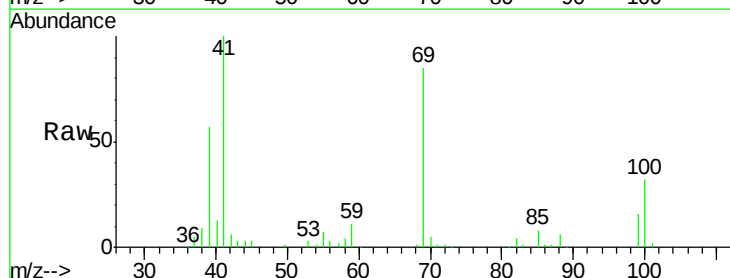
Tgt Ion: 41 Resp: 47978

Ion Ratio Lower Upper

41 100

69 83.9 59.9 89.9

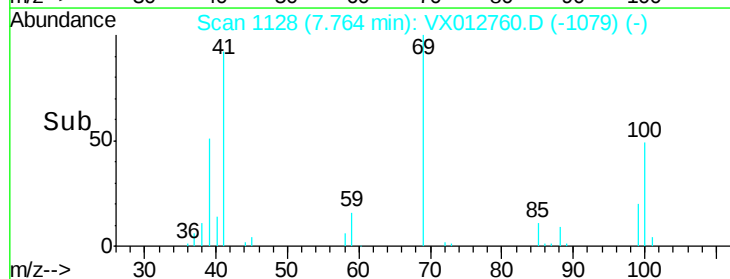
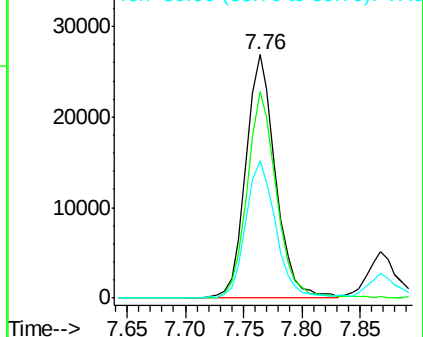
39 57.4 47.8 71.6

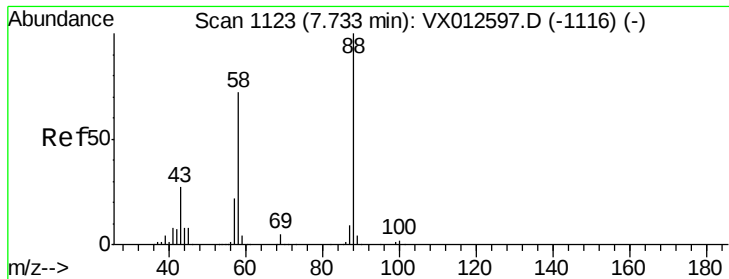


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

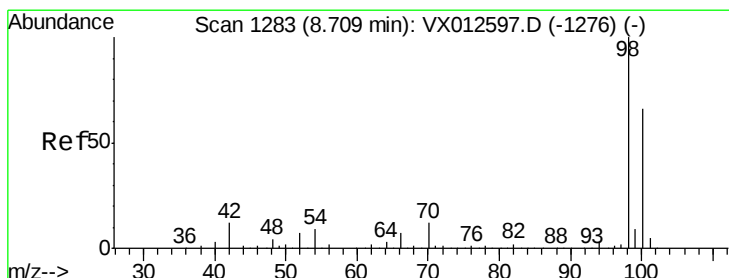
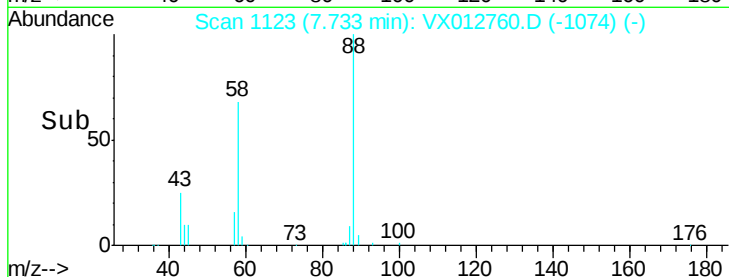
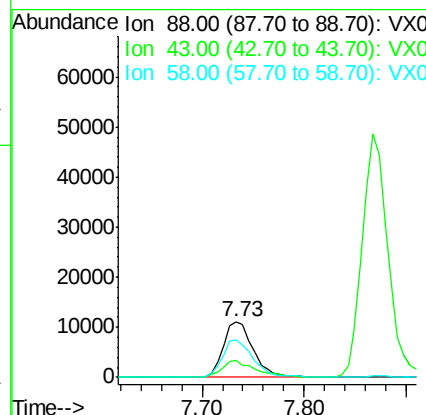
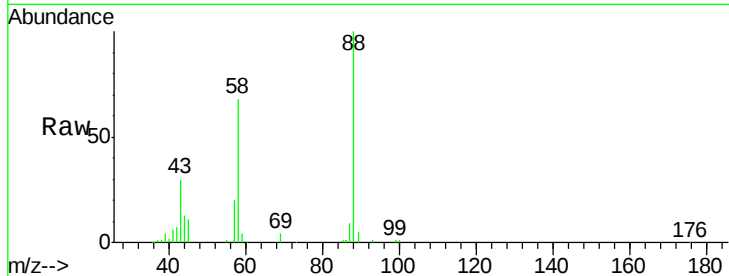




#49
1,4-Dioxane
Concen: 364.035 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

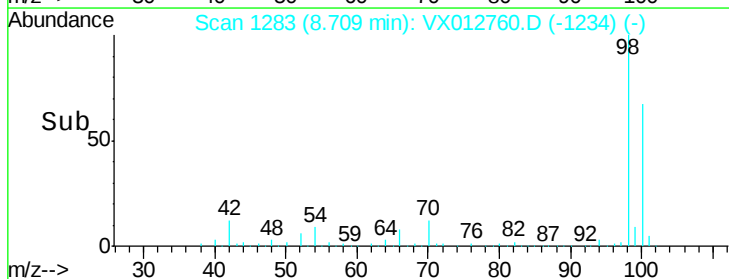
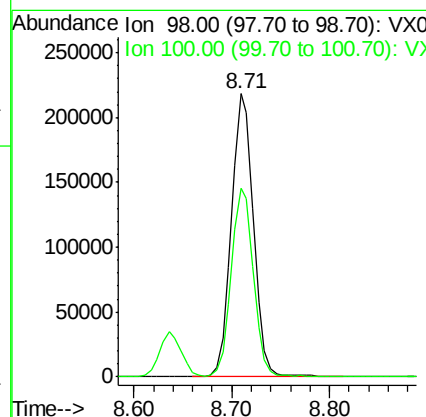
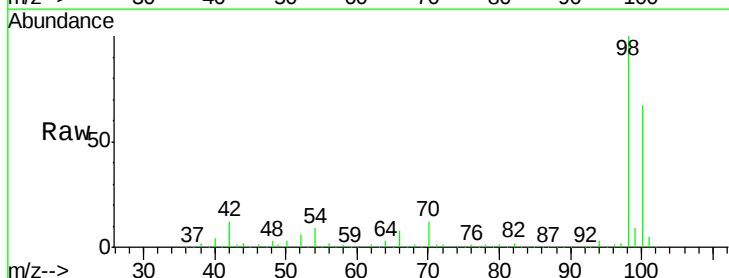
Instrument :
MSVOA_X
ClientSampleId :

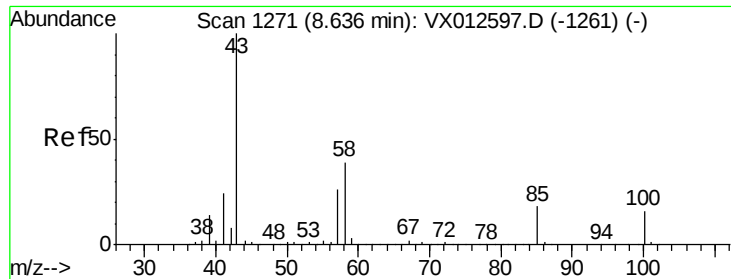
Tot Ion: 88 Resp: 22593
Ion Ratio Lower Upper
88 100
43 33.9 29.4 44.0
58 69.9 57.5 86.3



#50
Toluene-d8
Concen: 49.297 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

Tgt Ion: 98 Resp: 342360
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 91.755 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

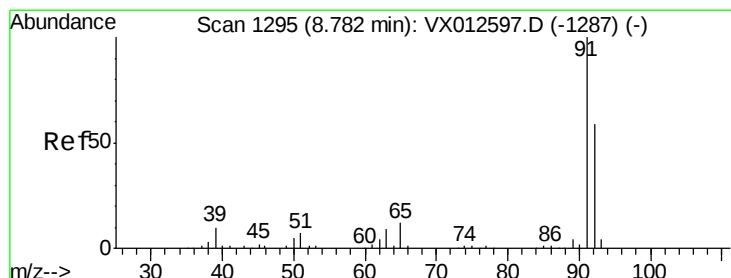
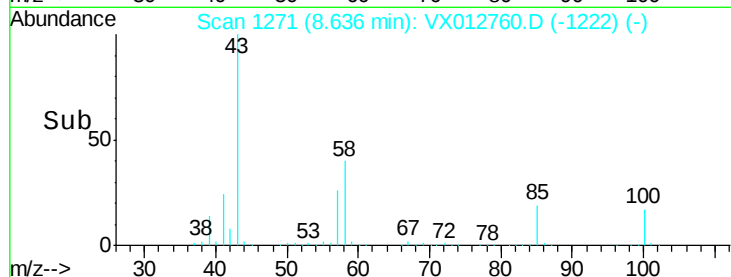
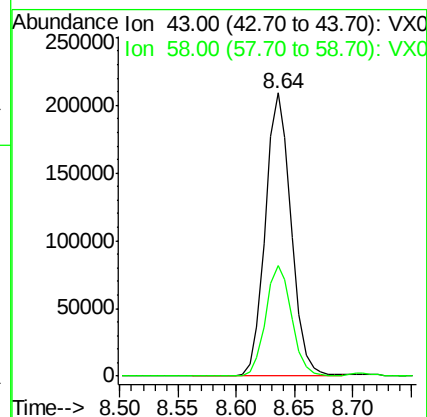
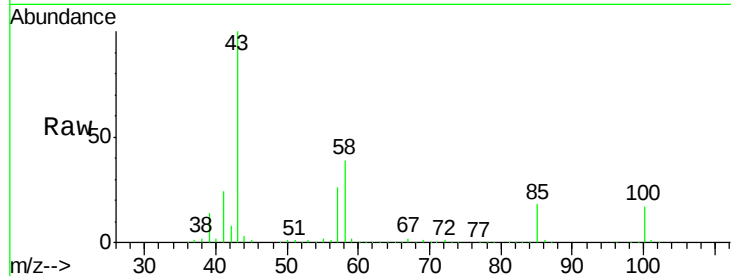
ClientSampled :

Tot Ion: 43 Resp: 323210

Ion Ratio Lower Upper

43 100

58 39.3 29.8 44.6



#52

Toluene

Concen: 18.690 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012760.D

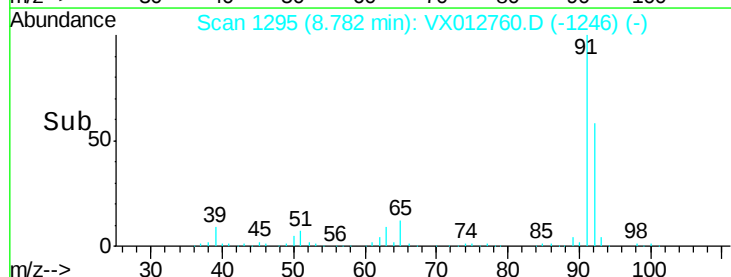
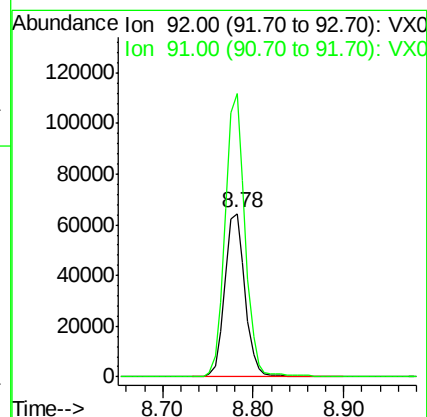
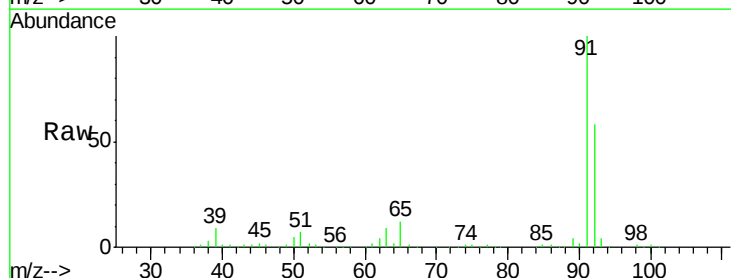
Acq: 02 Oct 2019 14:52

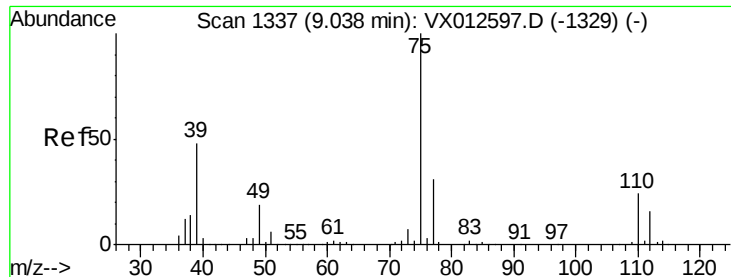
Tgt Ion: 92 Resp: 100880

Ion Ratio Lower Upper

92 100

91 170.2 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 17.559 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

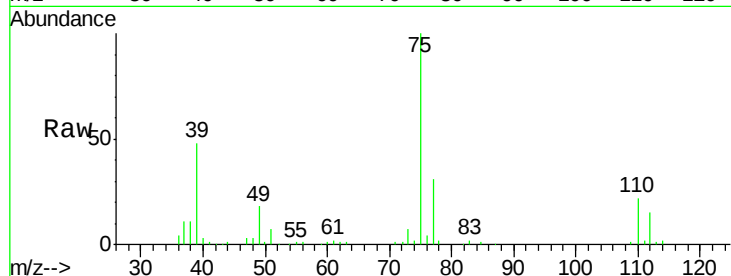
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 58124

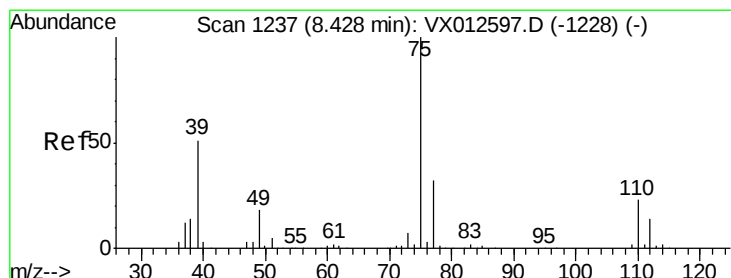
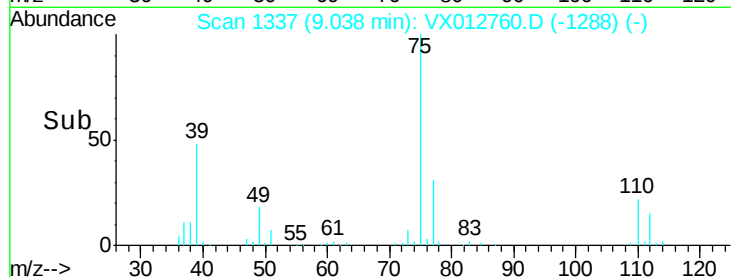
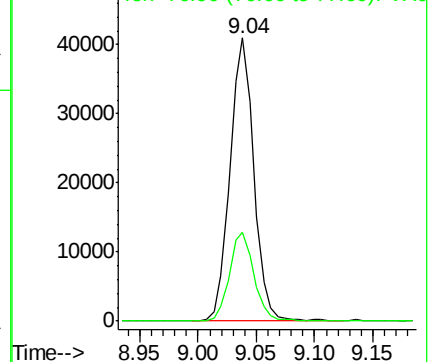
Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 17.608 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

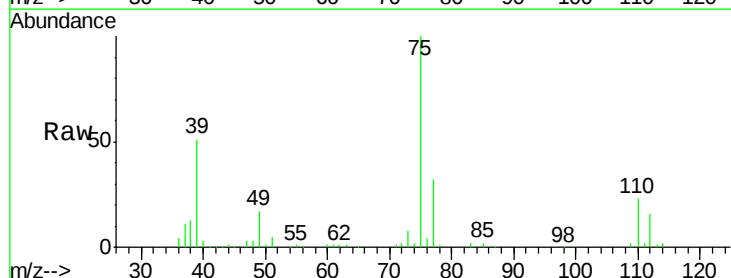
Tgt Ion: 75 Resp: 63641

Ion Ratio Lower Upper

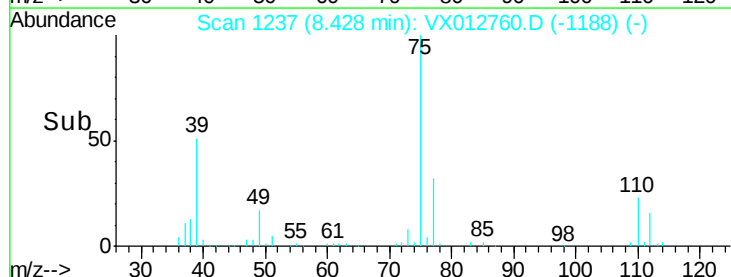
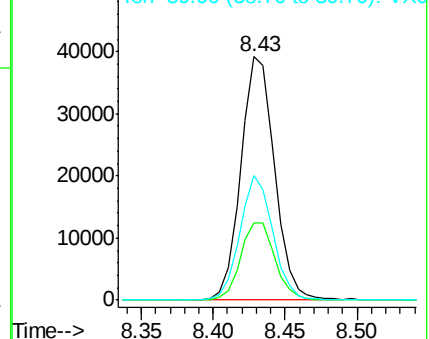
75 100

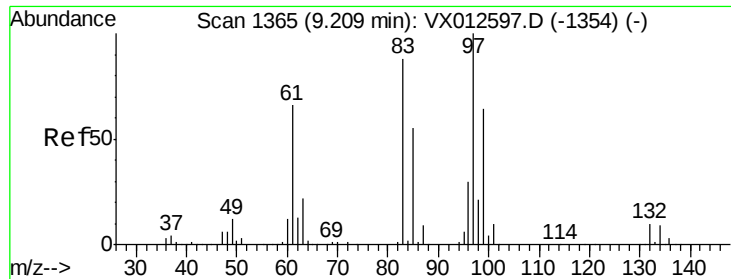
77 31.6 25.8 38.8

39 51.1 45.5 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0

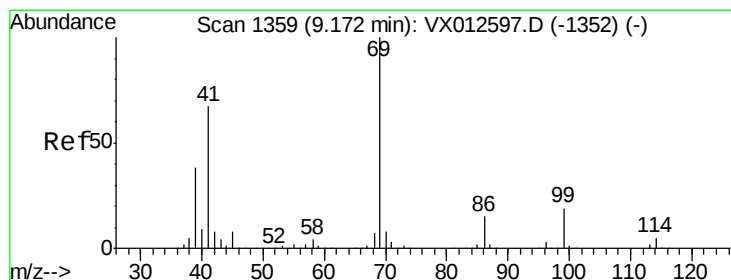
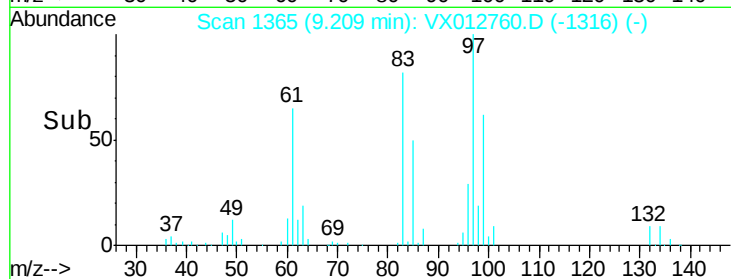
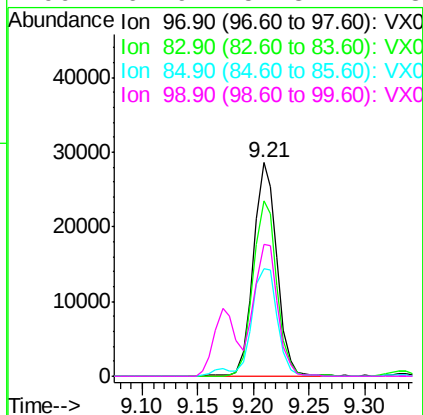
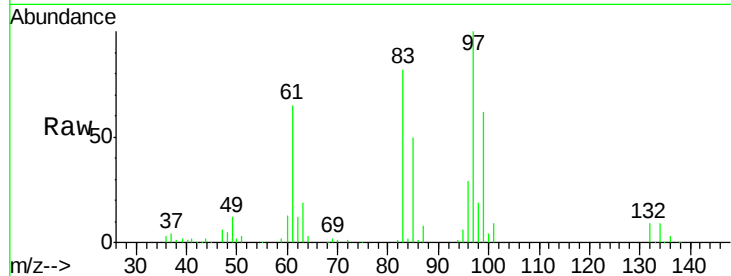




#55
 1,1,2-Trichloroethane
 Concen: 19.691 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012760.D
 Acq: 02 Oct 2019 14:52

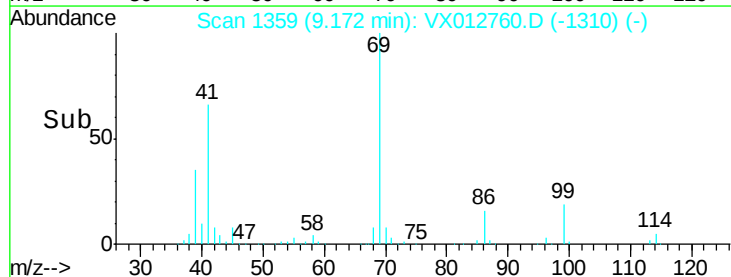
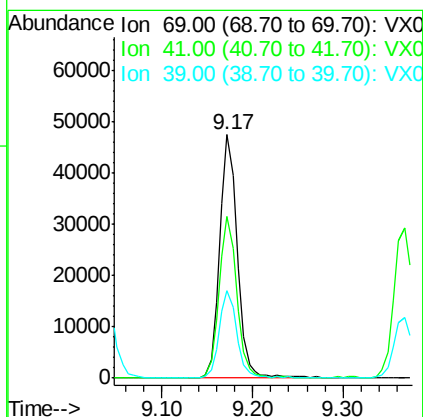
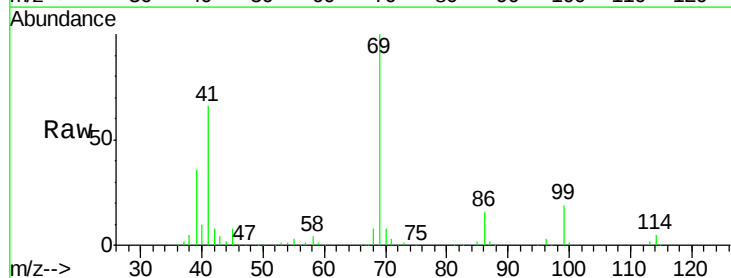
Instrument :
 MSVOA_X
 ClientSampleId :

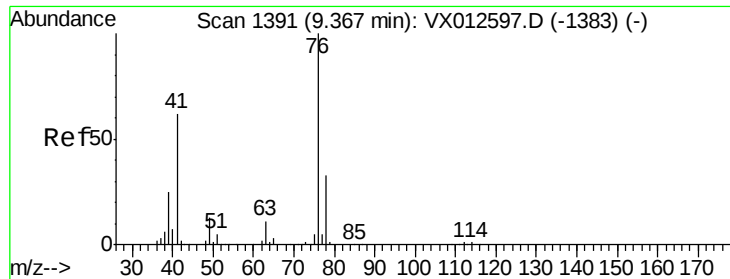
Tot Ion:	97	Resp:	42254
Ion	Ratio	Lower	Upper
97	100		
83	82.3	67.4	101.2
85	50.3	43.5	65.3
99	61.9	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 18.014 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012760.D
 Acq: 02 Oct 2019 14:52

Tgt Ion:	69	Resp:	64943
Ion	Ratio	Lower	Upper
69	100		
41	66.3	58.4	87.6
39	35.0	33.4	50.0





#57

1,3-Dichloropropane

Concen: 18.887 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

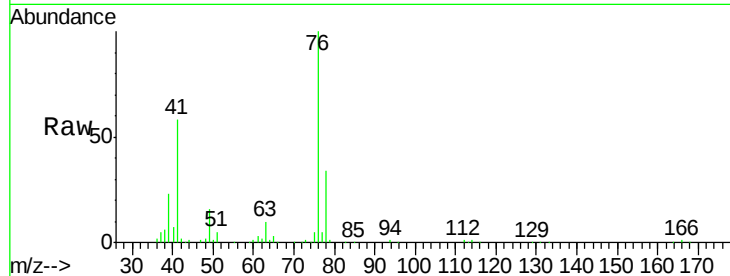
ClientSampleId :

Tot Ion: 76 Resp: 70935

Ion Ratio Lower Upper

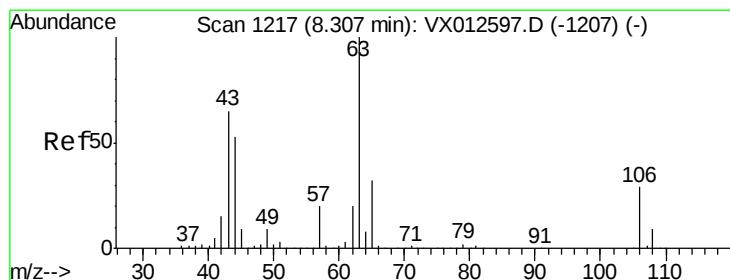
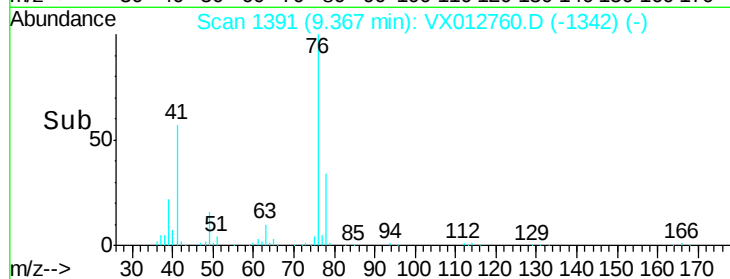
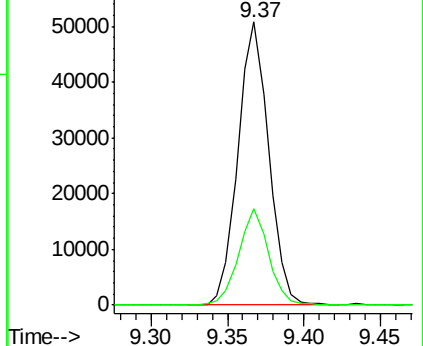
76 100

78 33.0 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 89.820 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012760.D

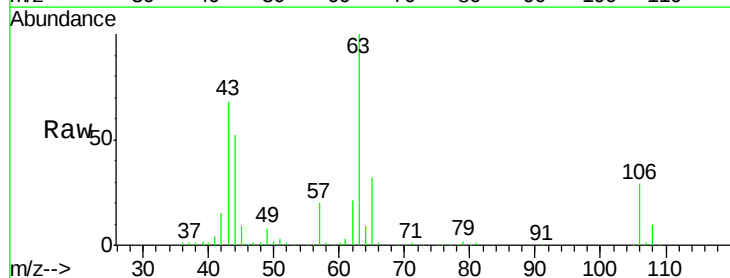
Acq: 02 Oct 2019 14:52

Tgt Ion: 63 Resp: 145351

Ion Ratio Lower Upper

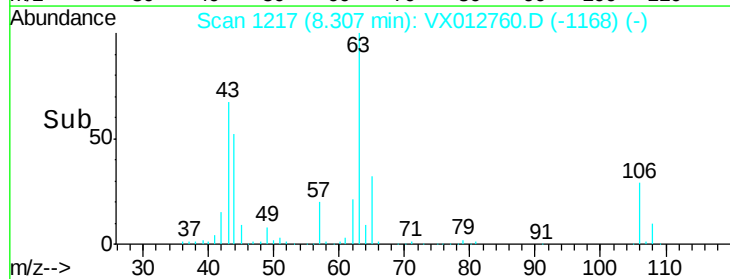
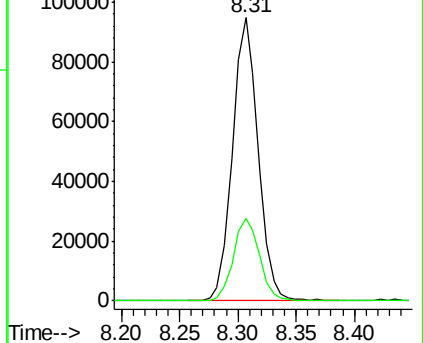
63 100

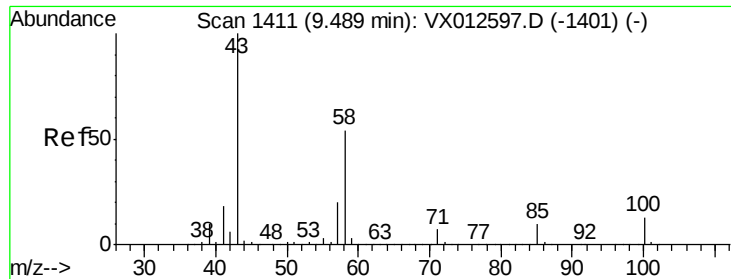
106 30.0 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

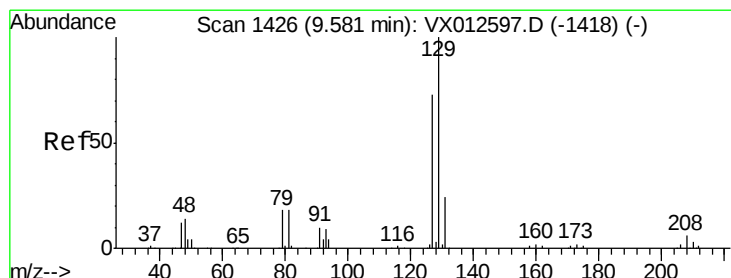
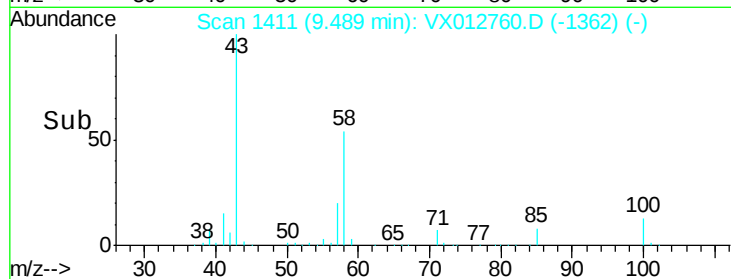
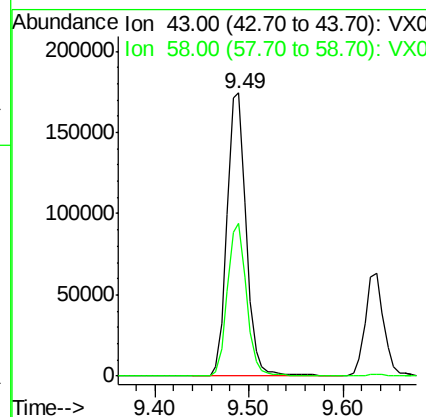
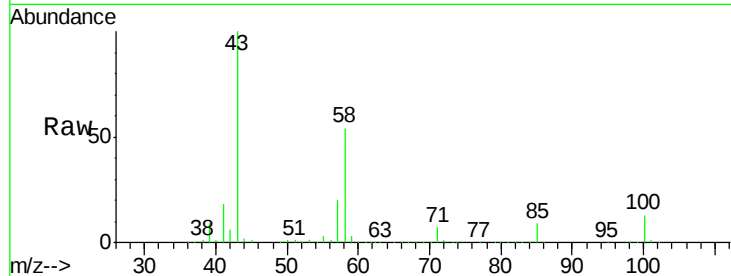




#59
 2-Hexanone
 Concen: 91.274 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX012760.D
 Acq: 02 Oct 2019 14:52

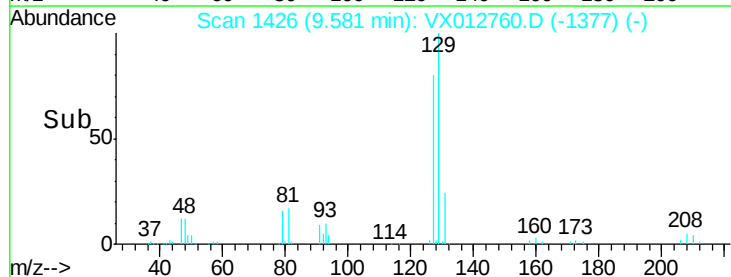
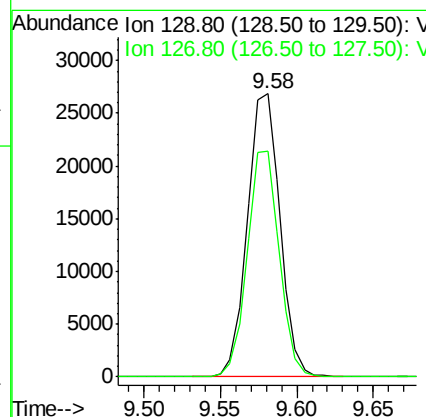
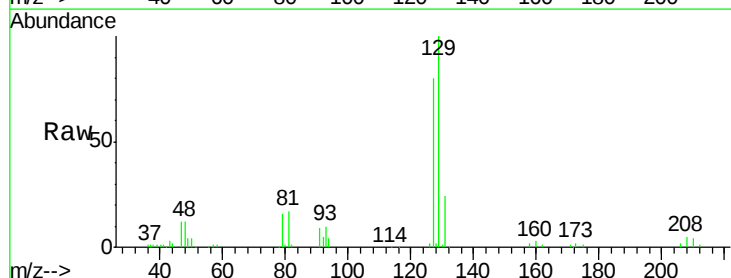
Instrument :
 MSVOA_X
 ClientSampleId :

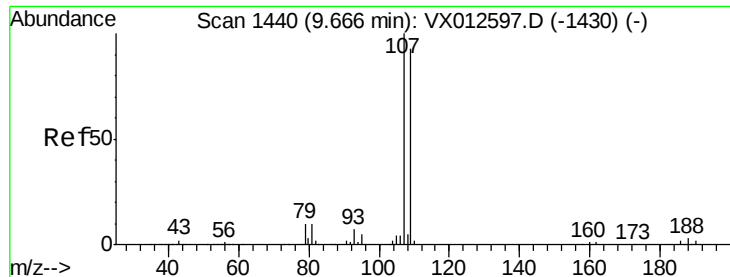
Tot Ion: 43 Resp: 246099
 Ion Ratio Lower Upper
 43 100
 58 54.0 25.7 77.1



#60
 Dibromochloromethane
 Concen: 18.350 ug/l
 RT: 9.58 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: VX012760.D
 Acq: 02 Oct 2019 14:52

Tgt Ion:129 Resp: 39862
 Ion Ratio Lower Upper
 129 100
 127 77.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.230 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

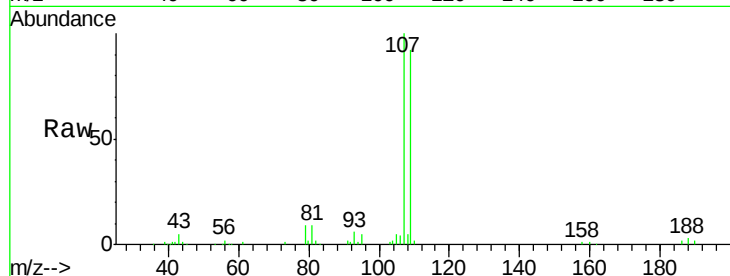
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 42946

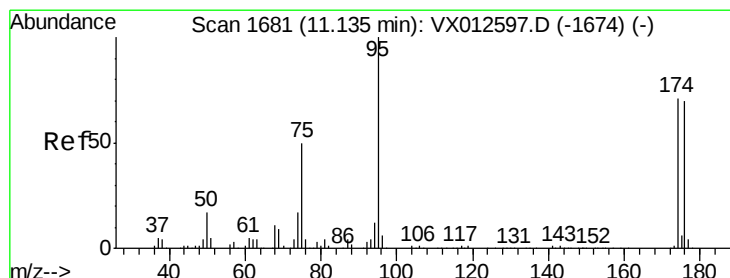
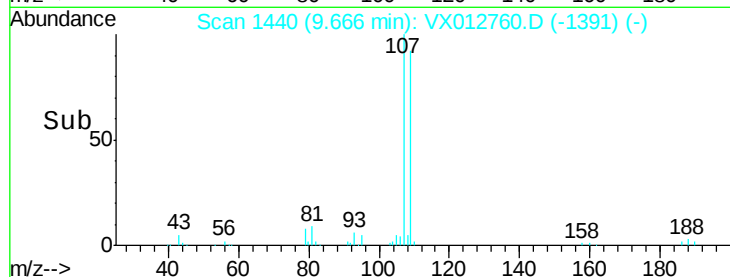
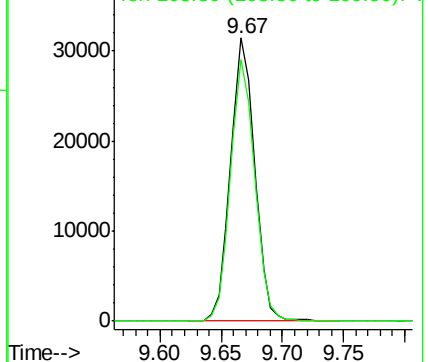
Ion Ratio Lower Upper

107 100

109 93.1 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.204 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

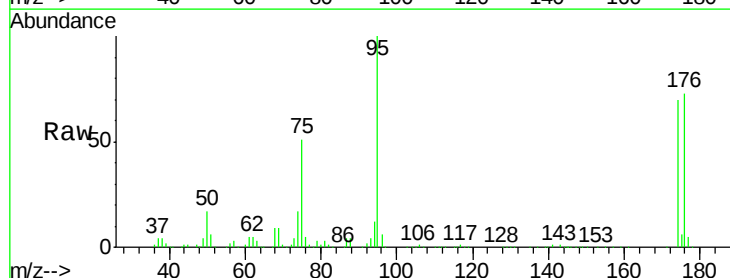
Tgt Ion: 95 Resp: 126172

Ion Ratio Lower Upper

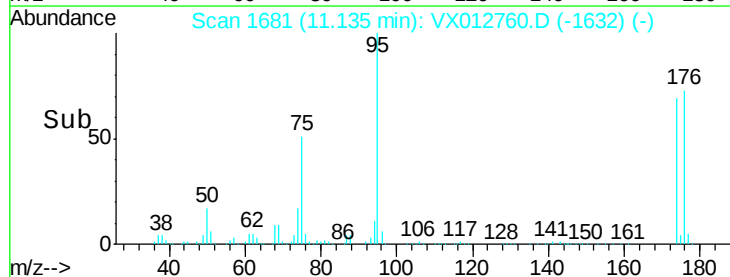
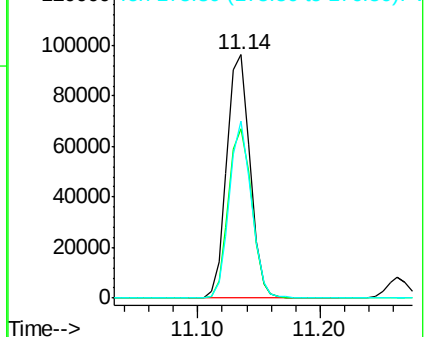
95 100

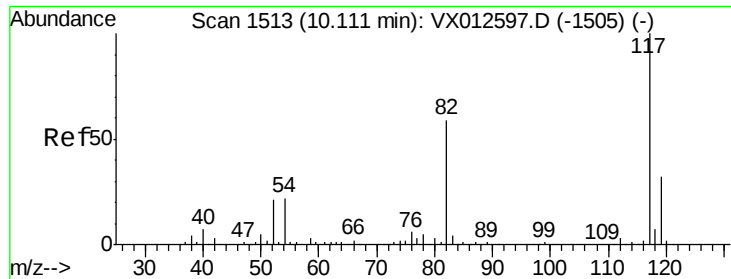
174 70.4 0.0 140.0

176 69.0 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

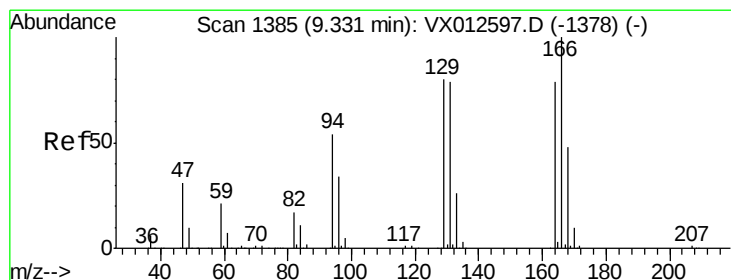
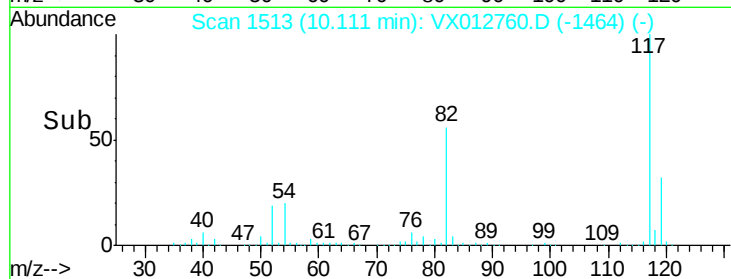
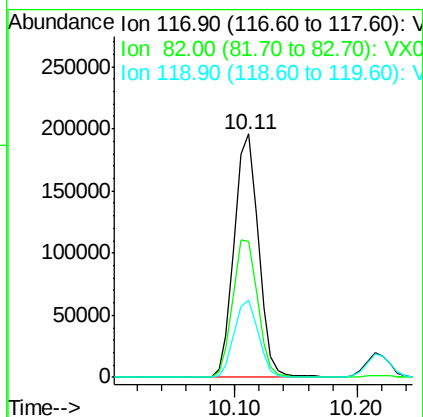
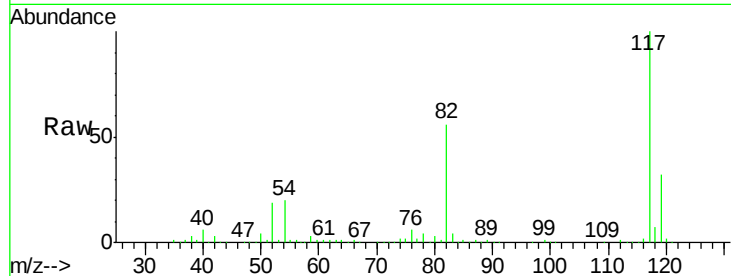




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

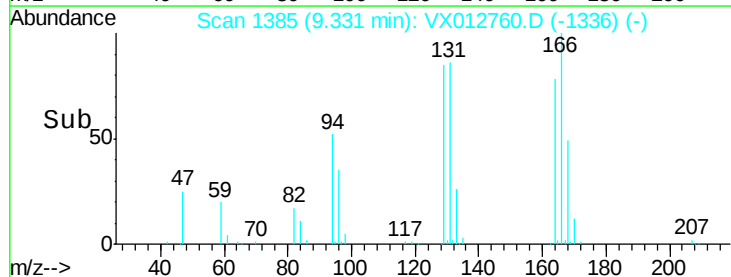
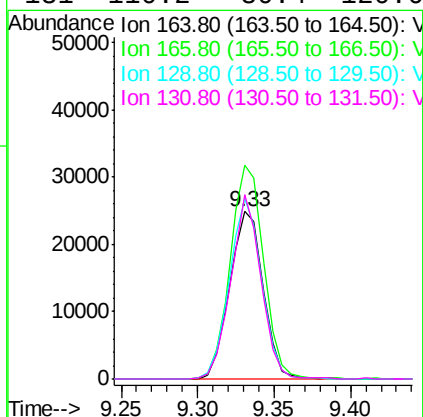
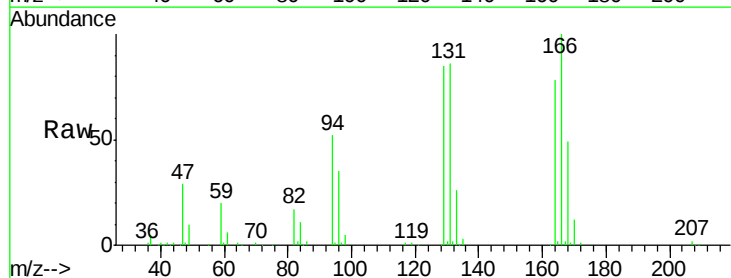
Instrument :
MSVOA_X
ClientSampled :

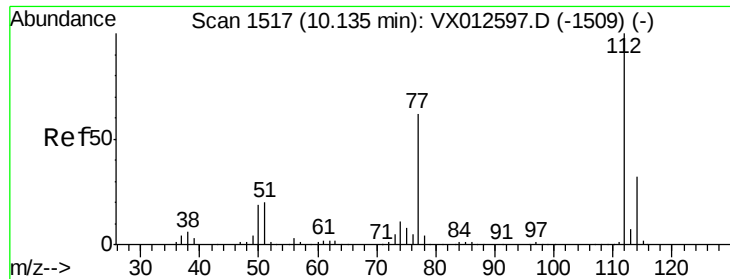
Tot Ion:117 Resp: 269111
Ion Ratio Lower Upper
117 100
82 55.7 45.9 68.9
119 31.9 25.3 37.9



#64
Tetrachloroethene
Concen: 20.086 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

Tgt Ion:164 Resp: 37688
Ion Ratio Lower Upper
164 100
166 127.6 107.8 161.6
129 108.0 86.2 129.2
131 110.2 80.4 120.6

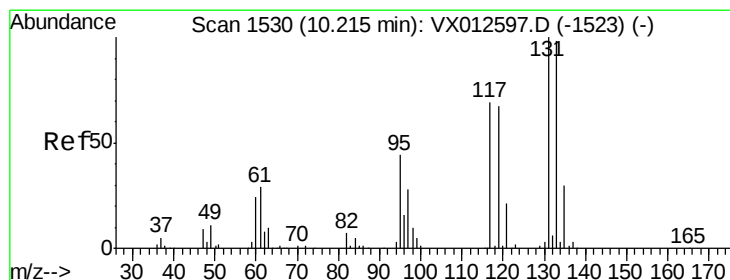
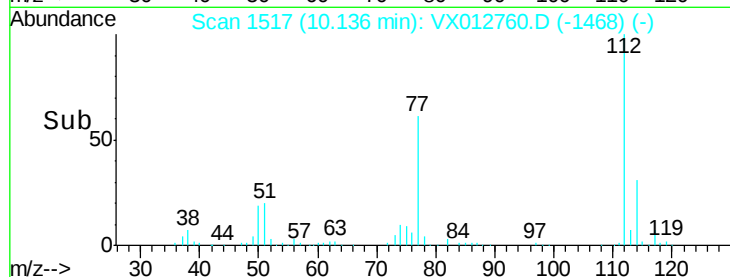
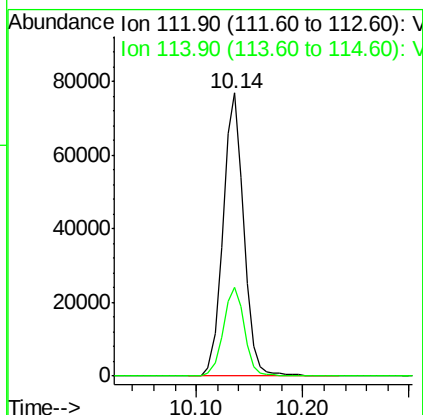
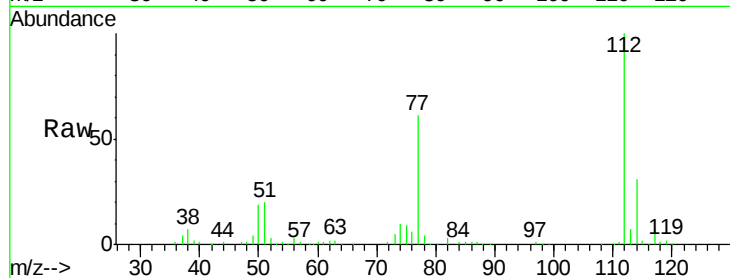




#65
Chlorobenzene
Concen: 18.499 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

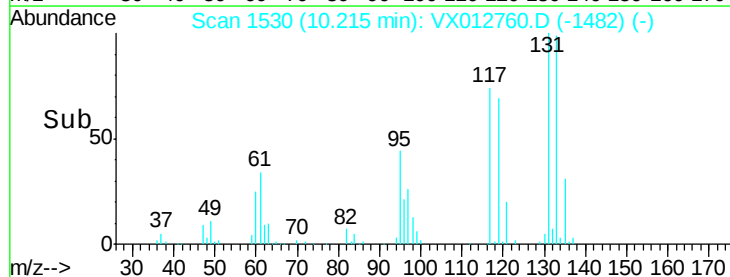
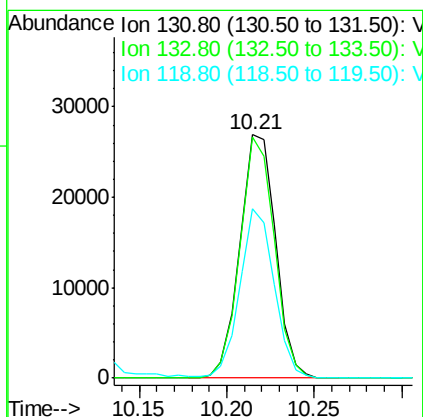
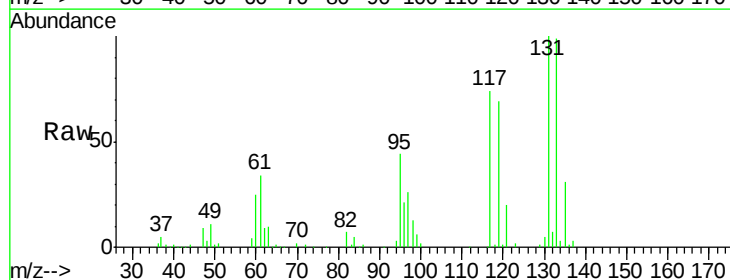
Instrument :
MSVOA_X
ClientSampled :

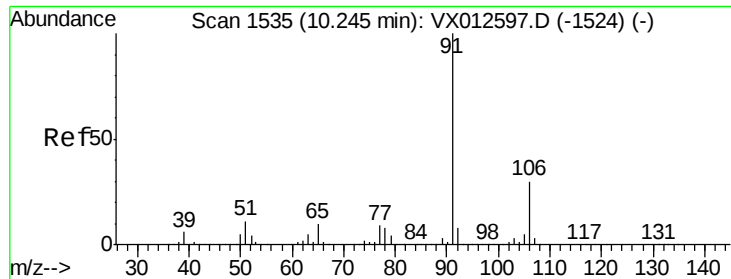
Tot Ion:112 Resp: 104833
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.643 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

Tgt Ion:131 Resp: 38278
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 66.8 31.3 93.8

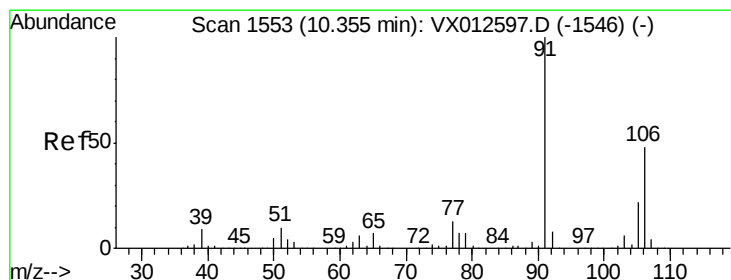
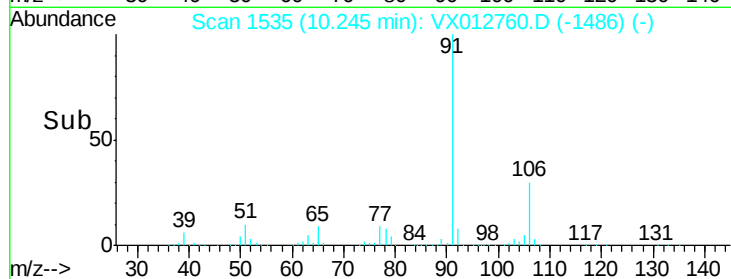
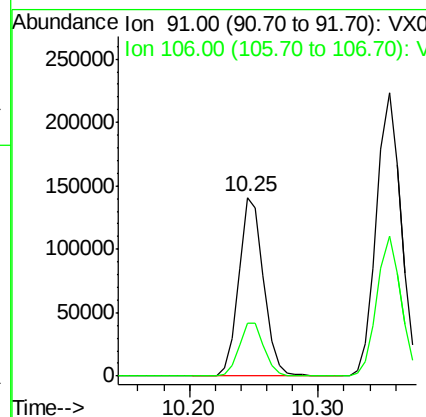
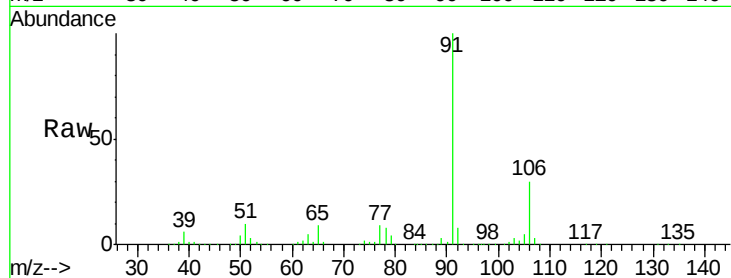




#67
Ethyl Benzene
Concen: 18.425 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

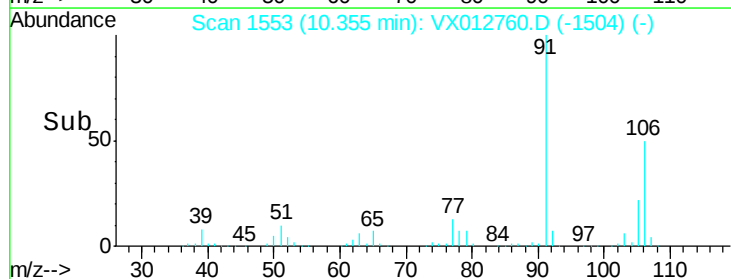
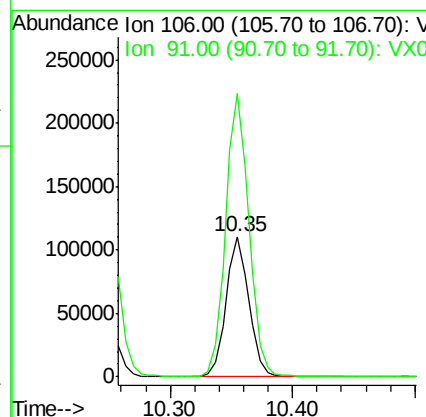
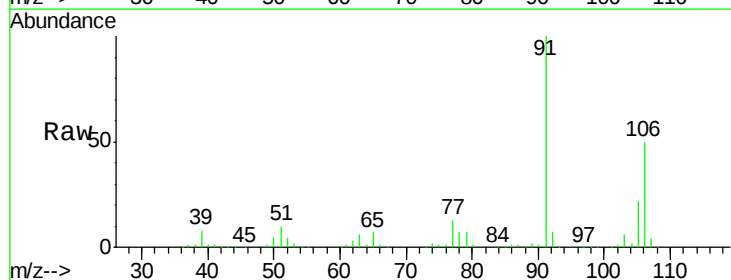
Instrument :
MSVOA_X
ClientSampleId :

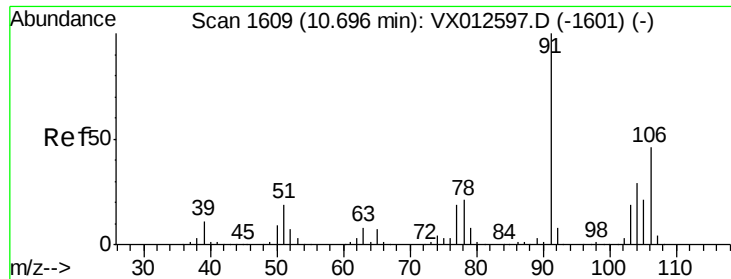
Tot Ion: 91 Resp: 189379
Ion Ratio Lower Upper
91 100
106 29.8 24.6 37.0



#68
m/p-Xylenes
Concen: 37.287 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

Tgt Ion: 106 Resp: 143565
Ion Ratio Lower Upper
106 100
91 204.5 166.6 250.0

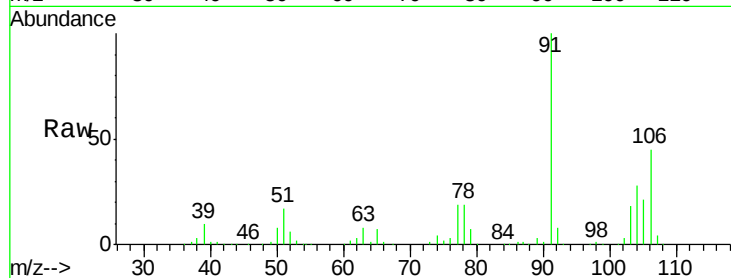




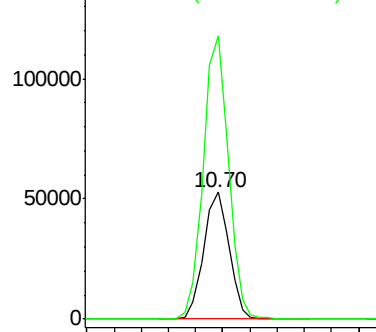
#69
o-Xylene
Concen: 18.562 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

Instrument :
MSVOA_X
ClientSampled :

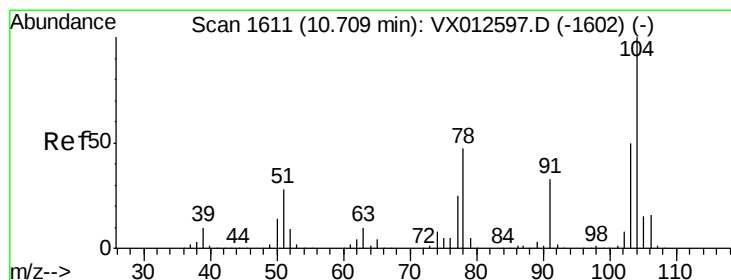
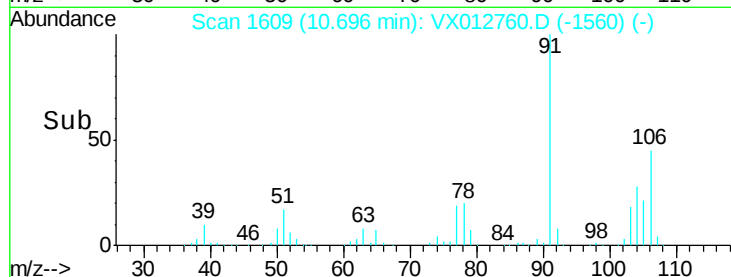
Tot Ion:106 Resp: 69155
Ion Ratio Lower Upper
106 100
91 220.3 109.4 328.2



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

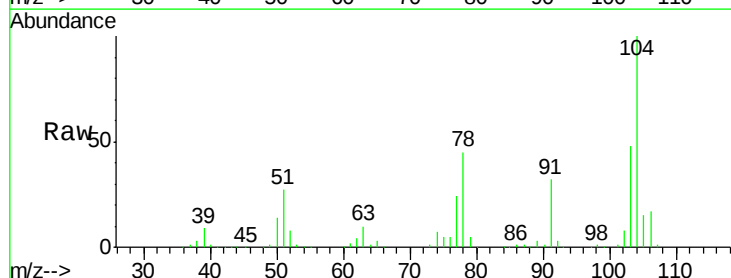


Time--> 10.60

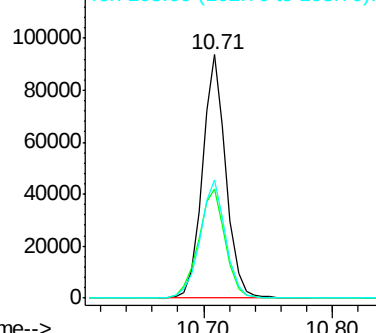


#70
Styrene
Concen: 18.887 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

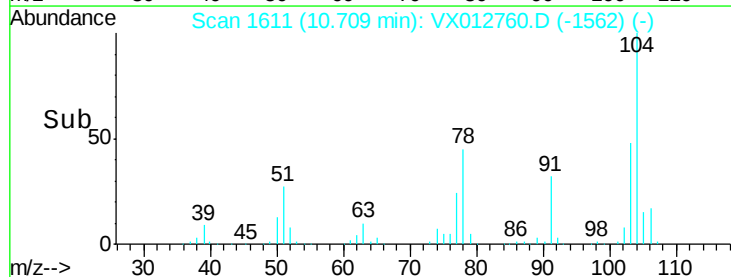
Tgt Ion:104 Resp: 117960
Ion Ratio Lower Upper
104 100
78 51.8 43.4 65.2
103 53.3 43.3 64.9

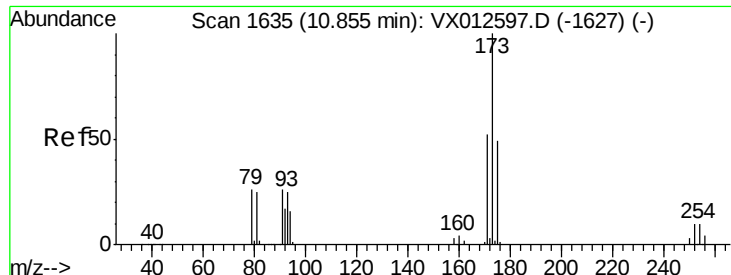


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.70

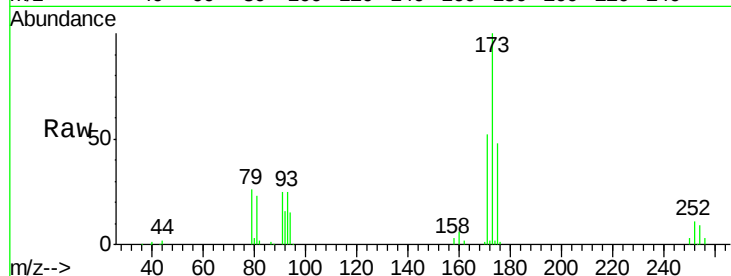




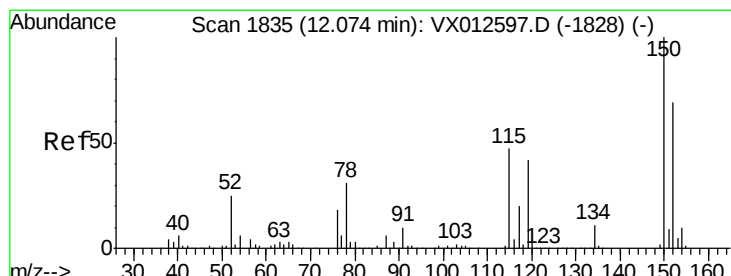
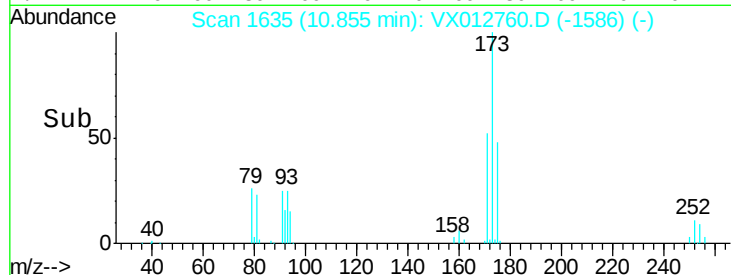
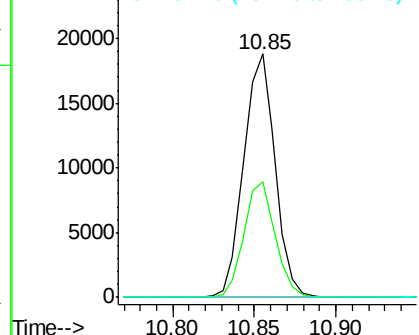
#71
Bromoform
Concen: 17.631 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:173 Resp: 25207
Ion Ratio Lower Upper
173 100
175 47.4 23.7 71.1
254 0.0 0.1 0.1#

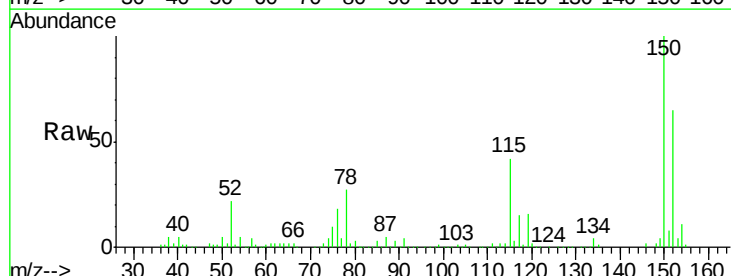


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

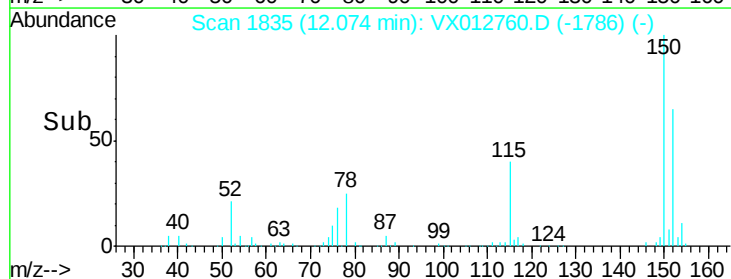
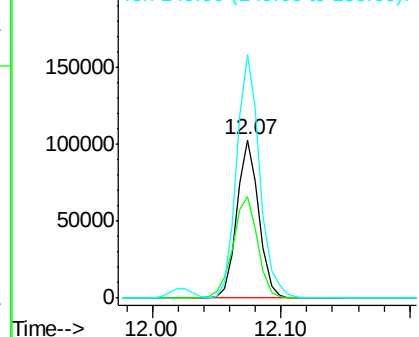


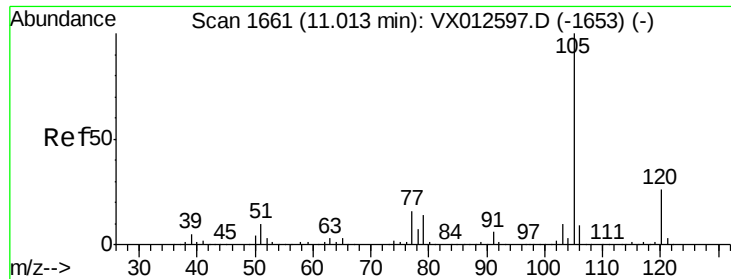
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

Tgt Ion:152 Resp: 121765
Ion Ratio Lower Upper
152 100
115 73.0 44.1 132.3
150 163.8 0.0 343.8



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: 18.667 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

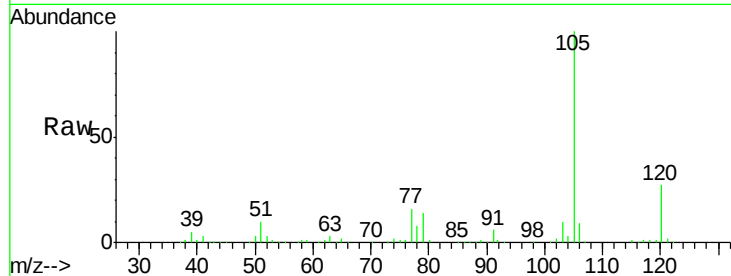
ClientSampleId :

Tot Ion:105 Resp: 185123

Ion Ratio Lower Upper

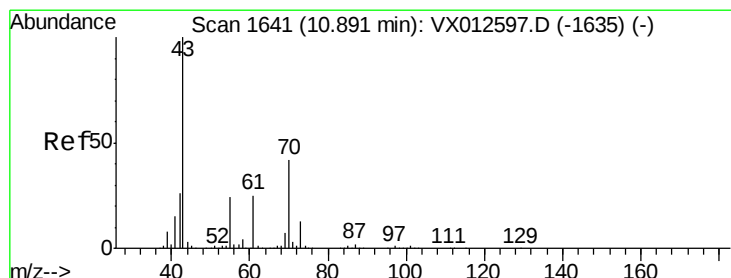
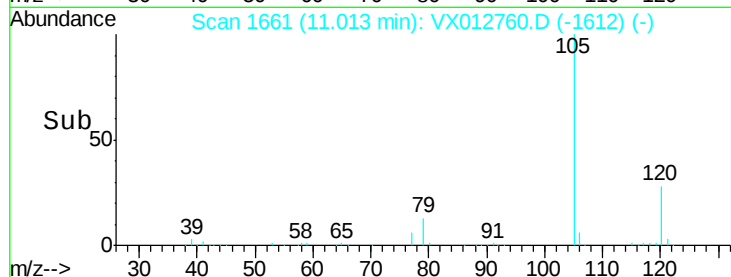
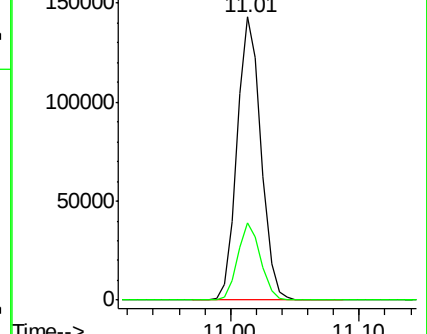
105 100

120 26.2 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.095 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Tgt Ion: 43 Resp: 80881

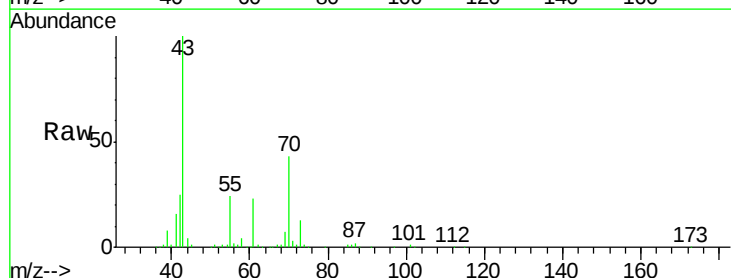
Ion Ratio Lower Upper

43 100

70 44.2 32.4 48.6

55 24.9 18.2 27.4

61 24.6 18.5 27.7

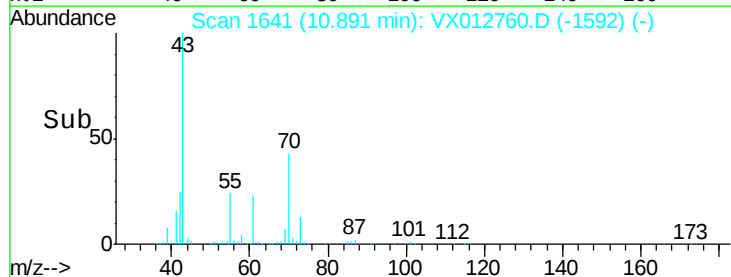
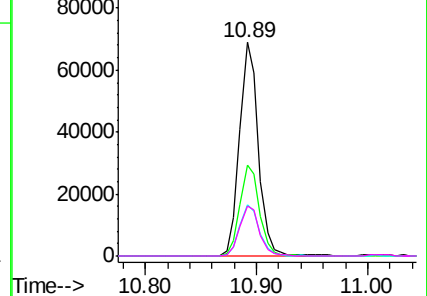


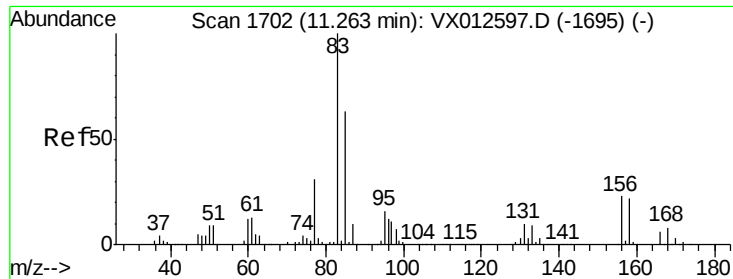
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.184 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

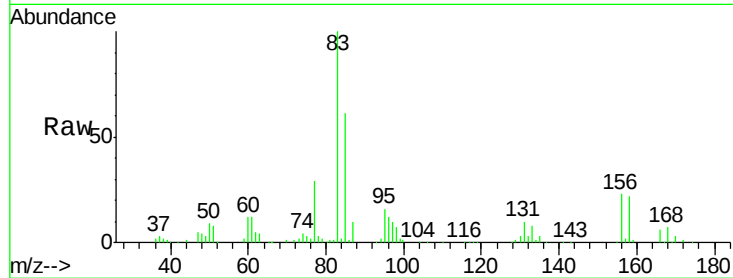
Tot Ion: 83 Resp: 63009

Ion Ratio Lower Upper

83 100

131 9.6 5.2 15.6

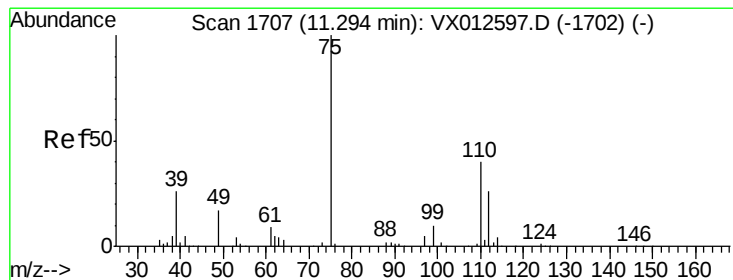
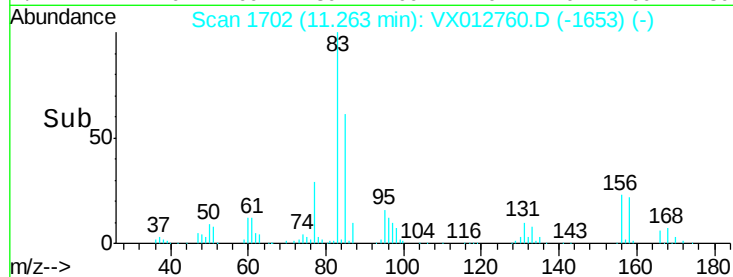
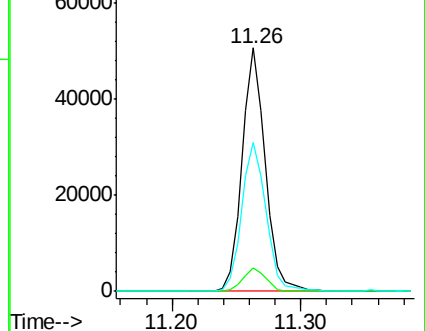
85 64.1 32.0 96.0



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: 21.664 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012760.D

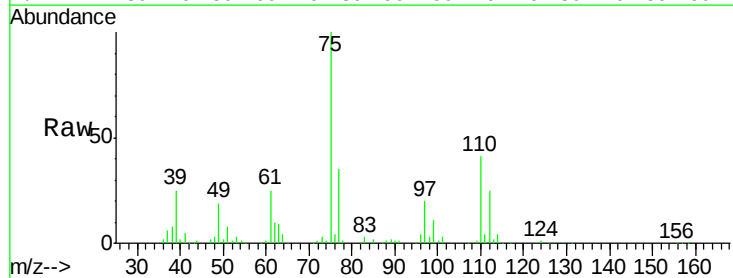
Acq: 02 Oct 2019 14:52

Tgt Ion: 75 Resp: 69781

Ion Ratio Lower Upper

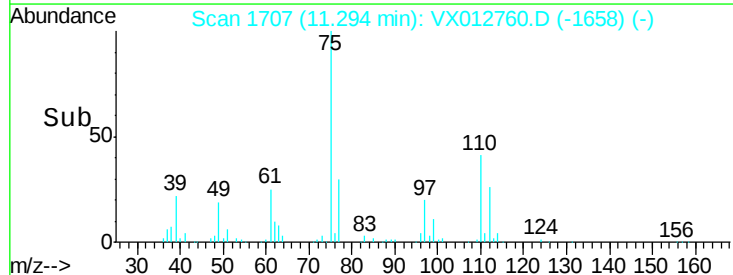
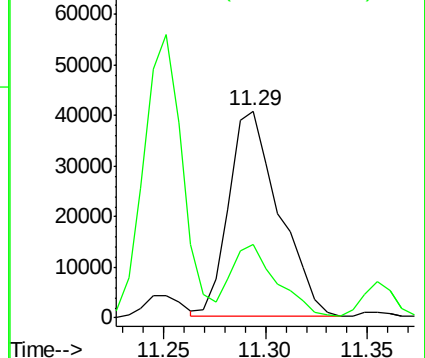
75 100

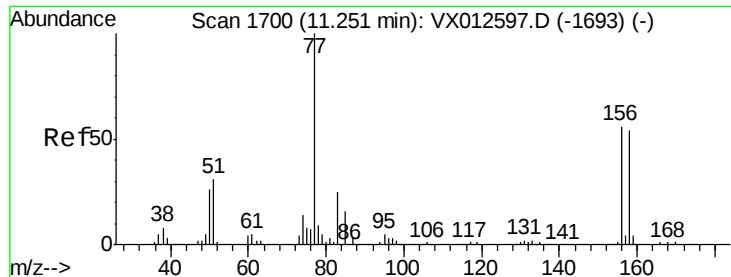
77 32.9 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.297 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

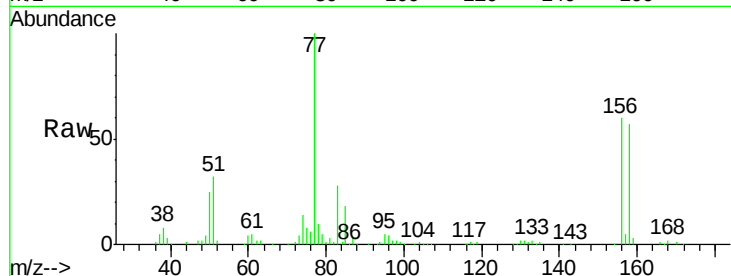
Tot Ion:156 Resp: 43313

Ion Ratio Lower Upper

156 100

77 169.9 87.3 261.8

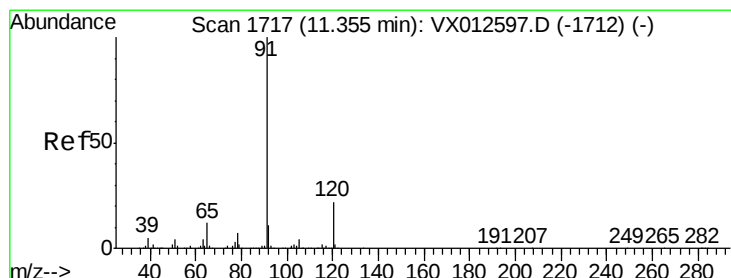
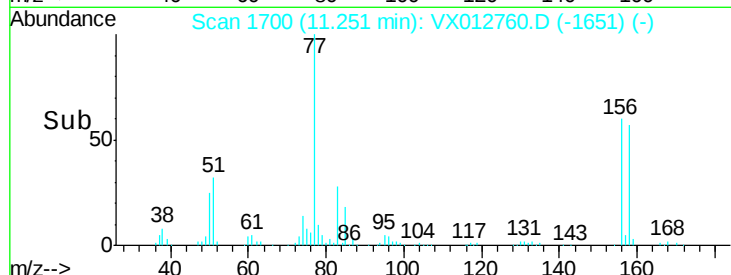
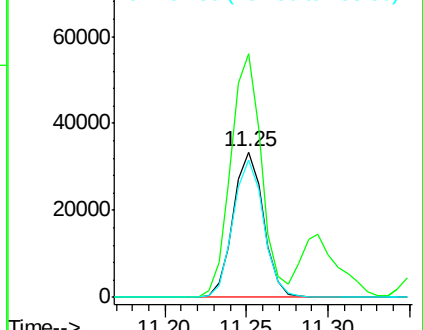
158 95.7 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.304 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012760.D

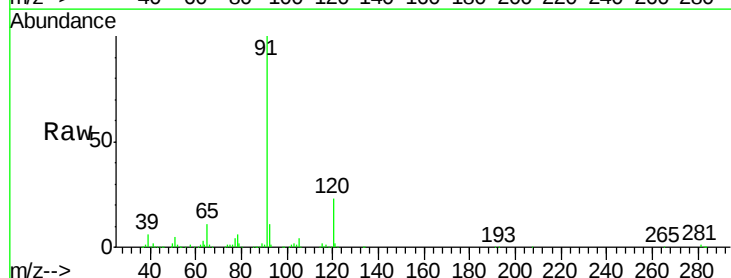
Acq: 02 Oct 2019 14:52

Tgt Ion: 91 Resp: 204370

Ion Ratio Lower Upper

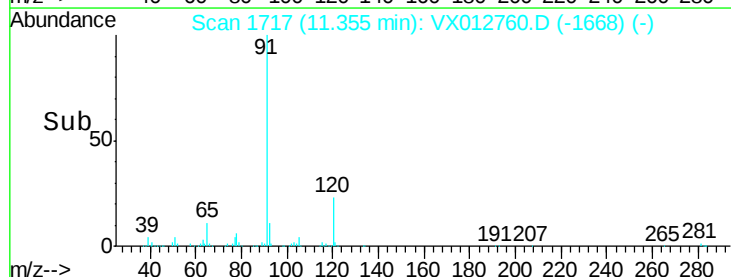
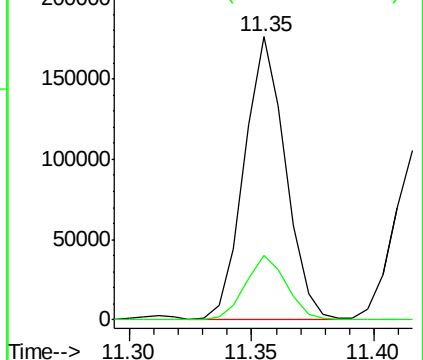
91 100

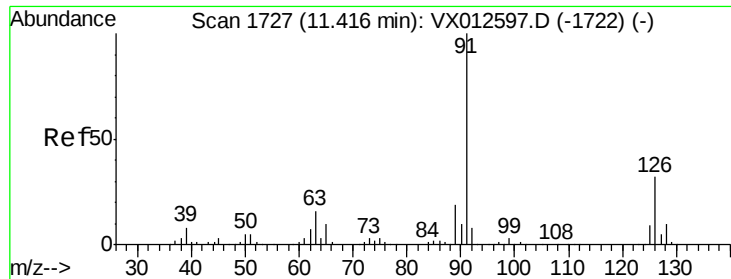
120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.150 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

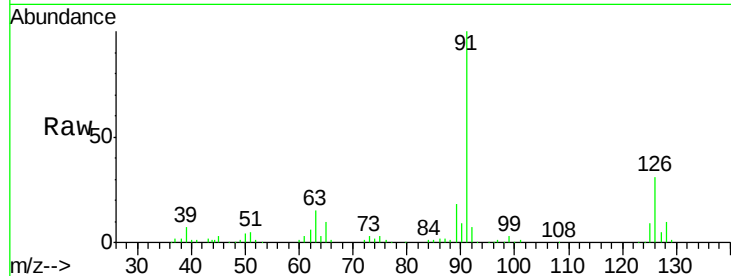
ClientSampleId :

Tot Ion: 91 Resp: 126416

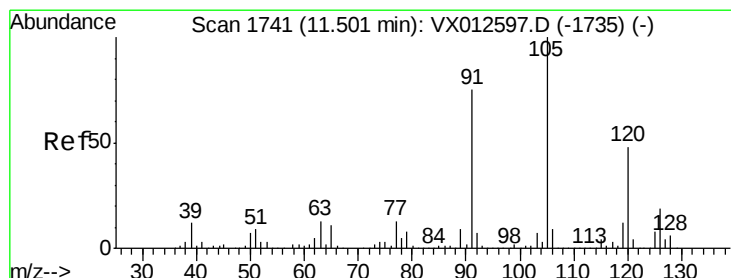
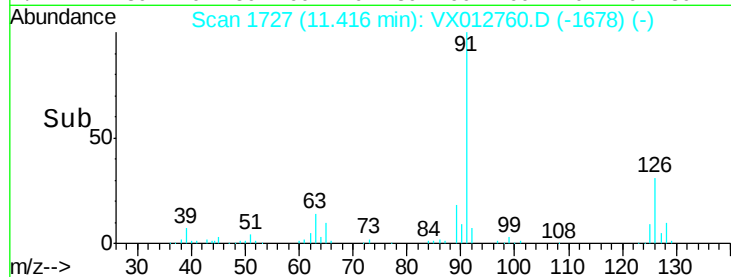
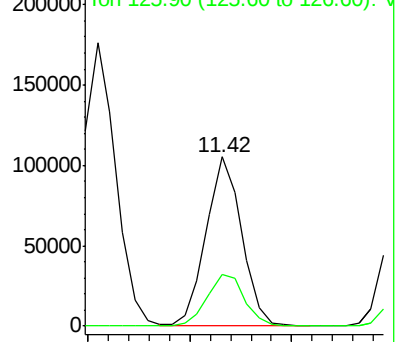
Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX012760.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.007 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012760.D

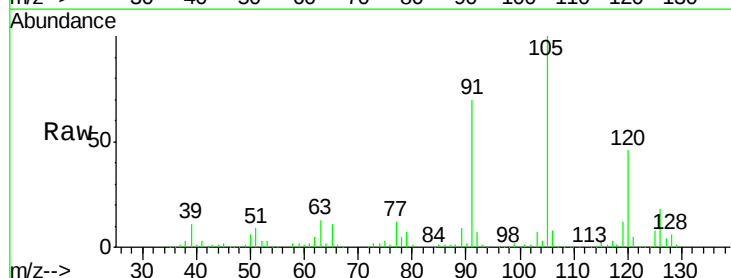
Acq: 02 Oct 2019 14:52

Tgt Ion: 105 Resp: 158073

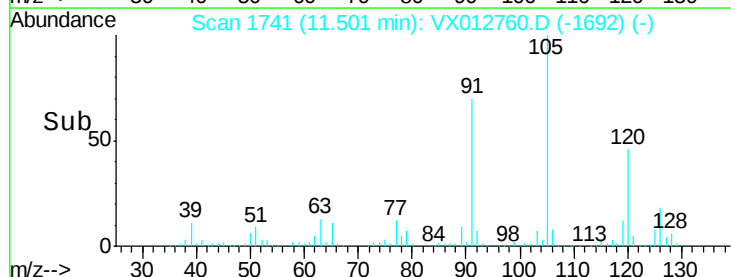
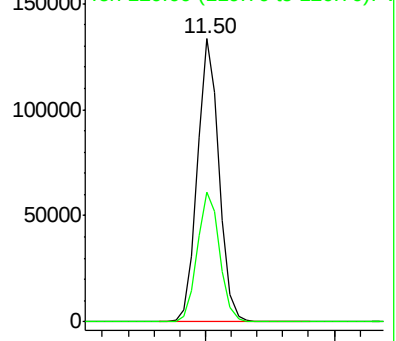
Ion Ratio Lower Upper

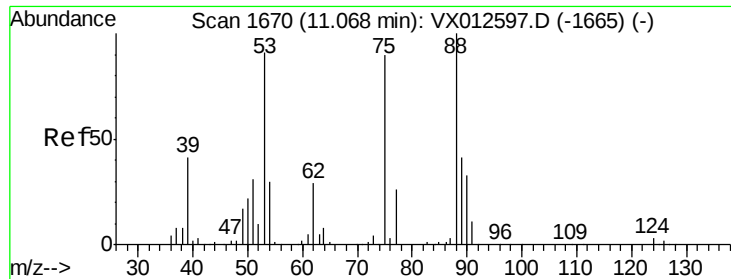
105 100

120 47.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX012760.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 15.076 ug/l

RT: 11.07 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

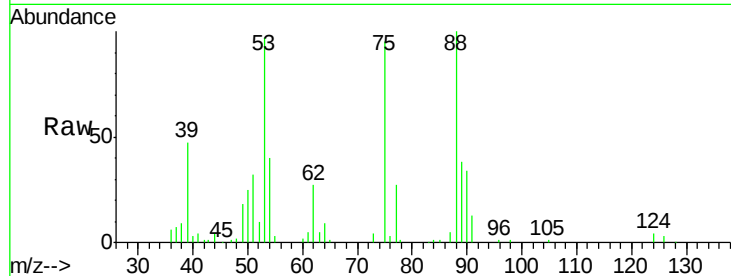
Tot Ion: 75 Resp: 16945

Ion Ratio Lower Upper

75 100

53 112.3 83.6 125.4

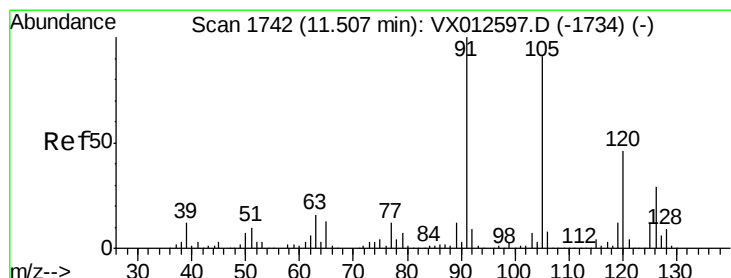
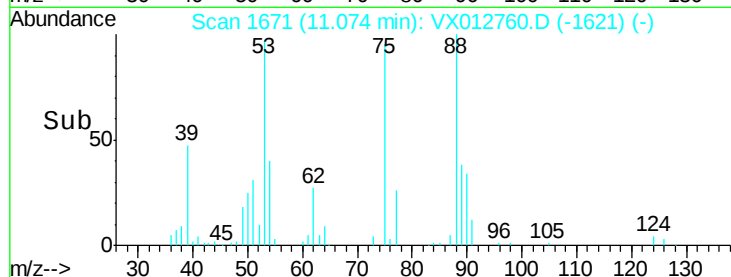
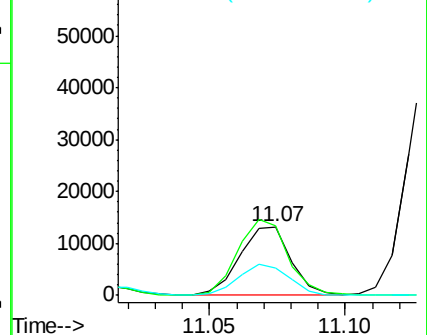
89 46.1 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.312 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012760.D

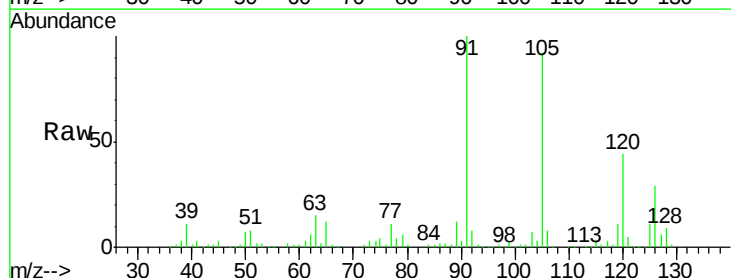
Acq: 02 Oct 2019 14:52

Tgt Ion: 91 Resp: 145394

Ion Ratio Lower Upper

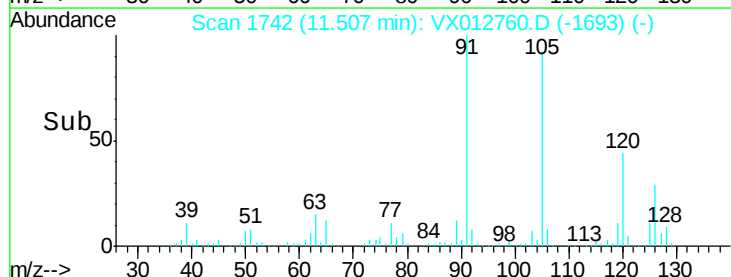
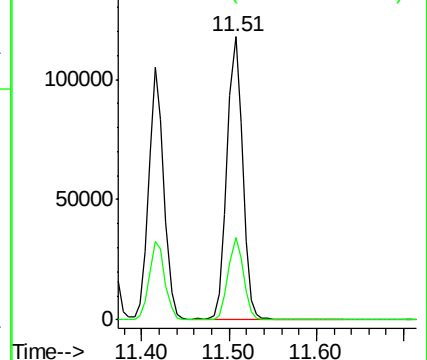
91 100

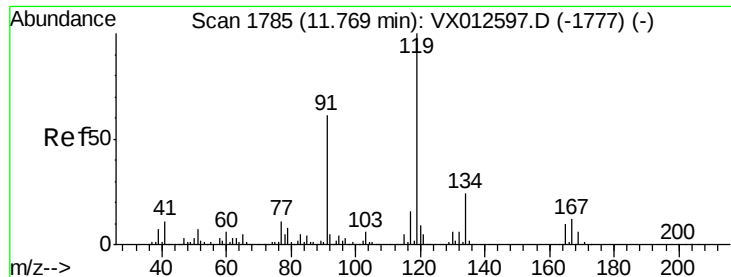
126 28.4 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

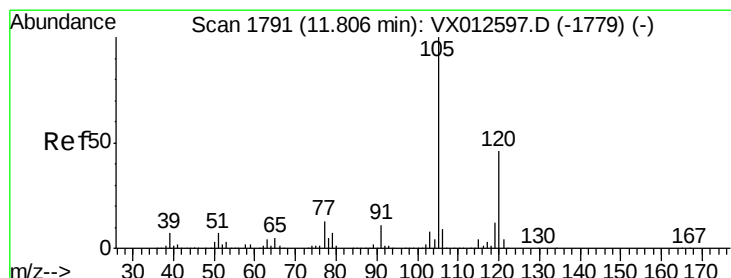
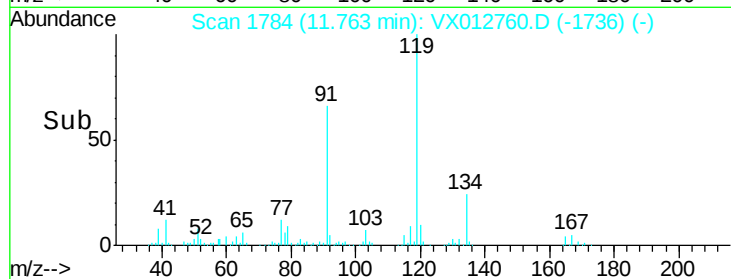
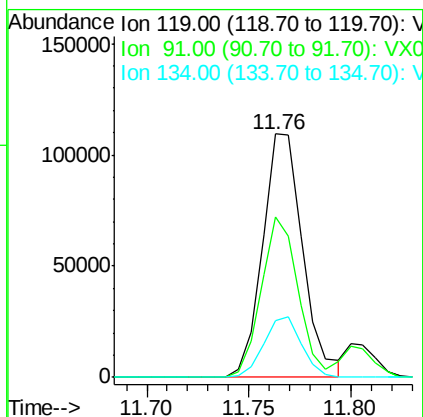
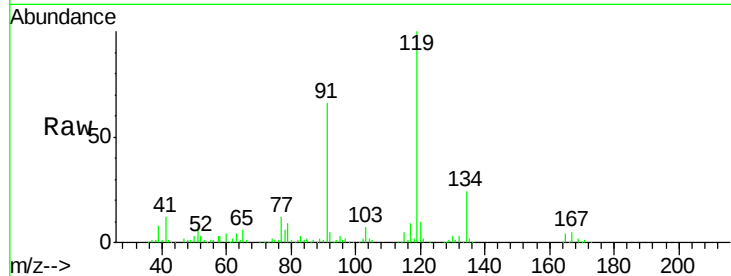




#83
tert-Butylbenzene
Concen: 18.778 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

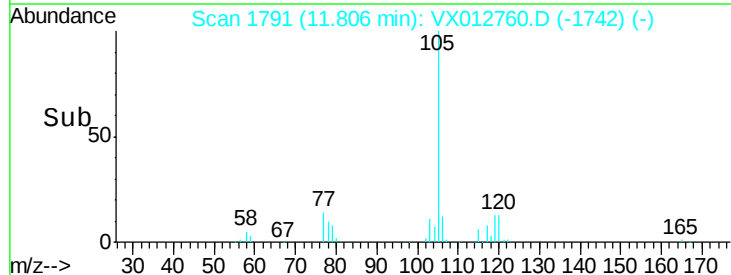
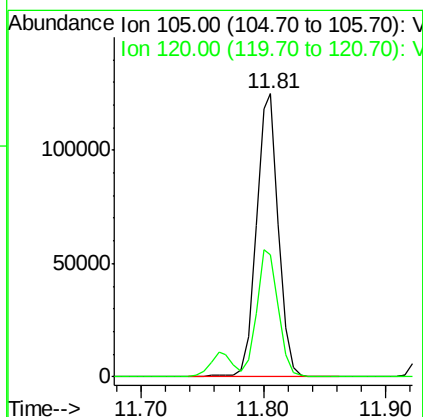
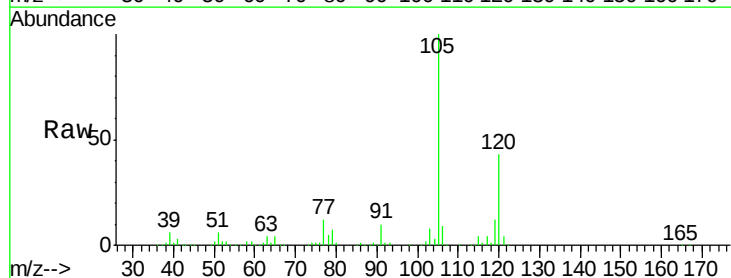
Instrument :
MSVOA_X
ClientSampled :

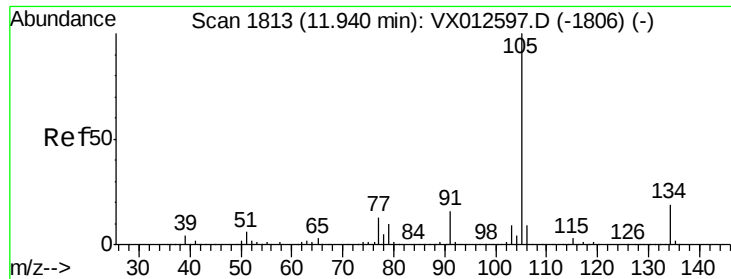
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.3	30.0	90.0
134	23.7	11.3	33.9



#84
1,2,4-Trimethylbenzene
Concen: 18.718 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.2	66.6





#85

sec-Butylbenzene

Concen: 19.020 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

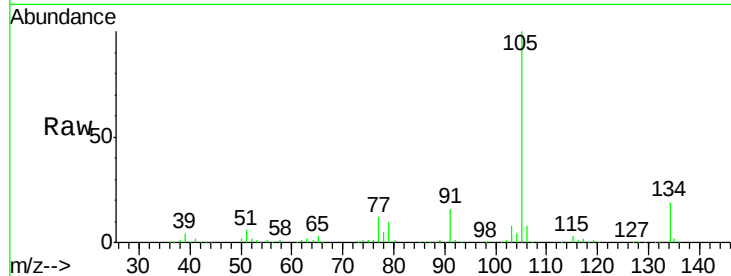
ClientSampleId :

Tot Ion:105 Resp: 177472

Ion Ratio Lower Upper

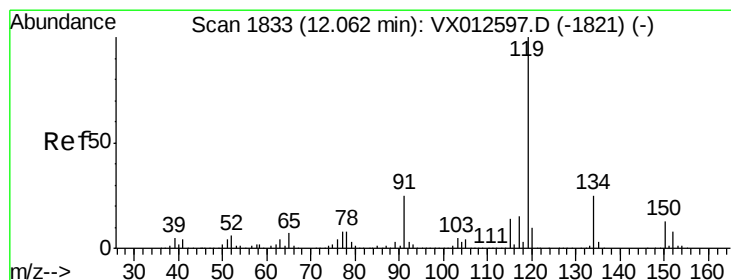
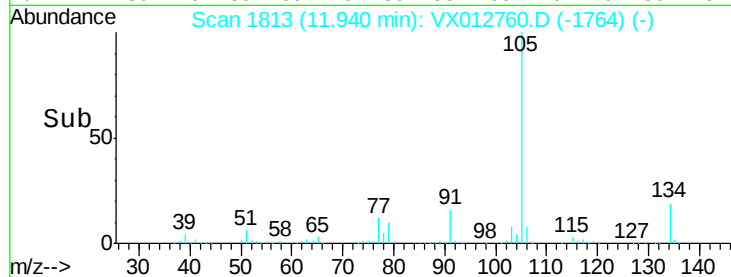
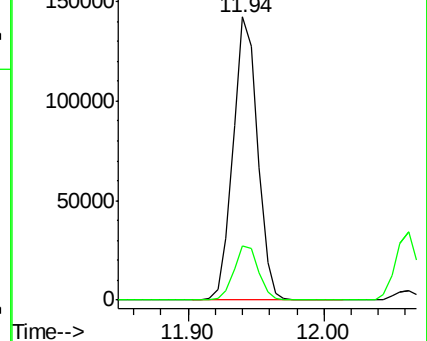
105 100

134 19.2 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.582 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

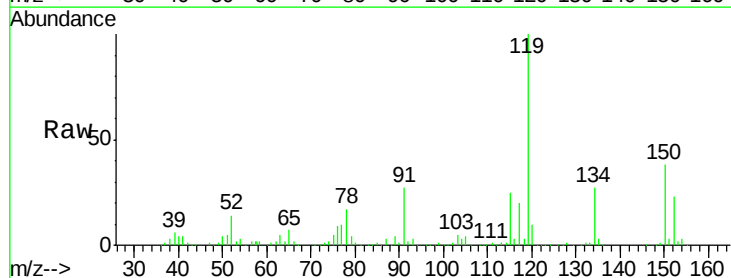
Tgt Ion:119 Resp: 156448

Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.1

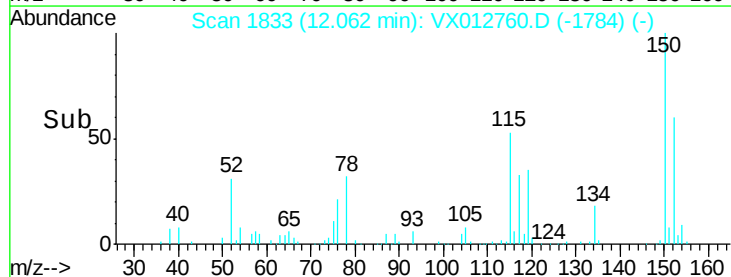
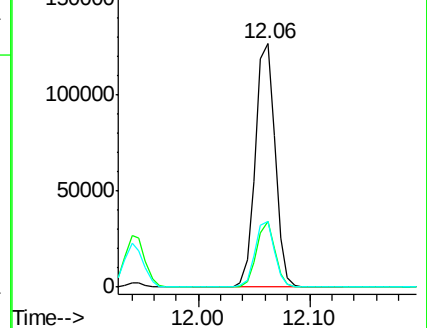
91 26.5 12.8 38.4

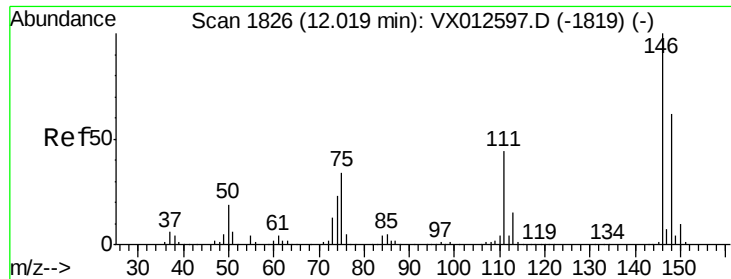


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

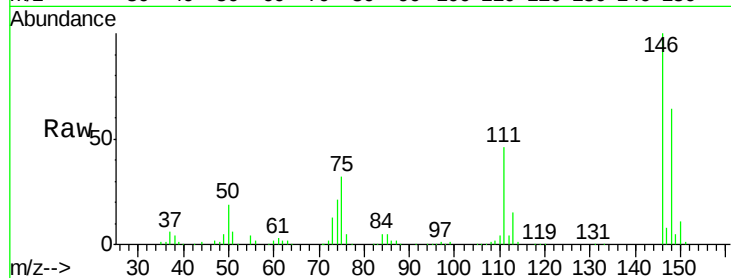




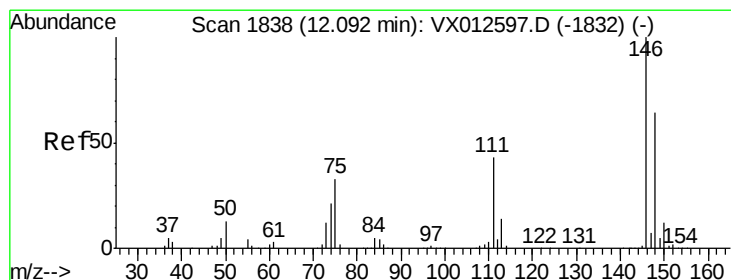
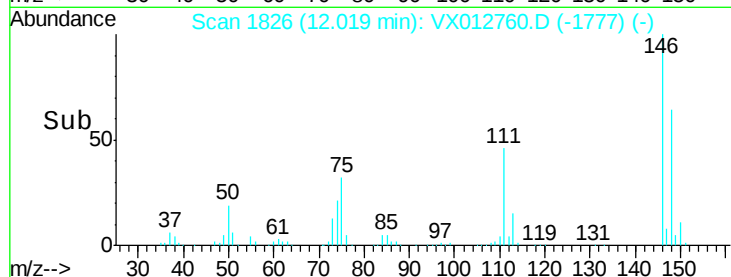
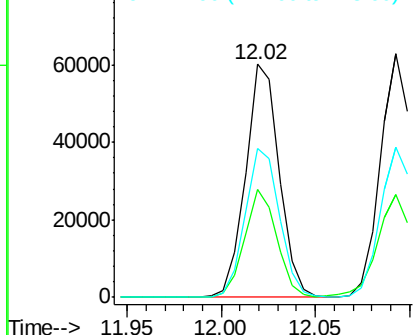
#87
 1,3-Dichlorobenzene
 Concen: 18.478 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012760.D
 Acq: 02 Oct 2019 14:52

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 74638
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.3 64.0
 148 65.2 32.4 97.2

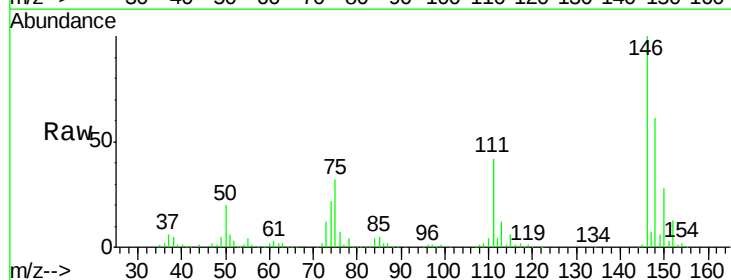


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

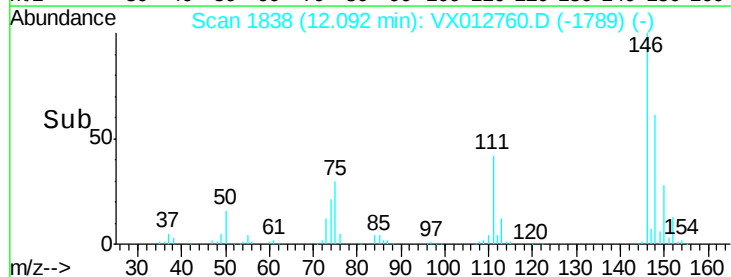
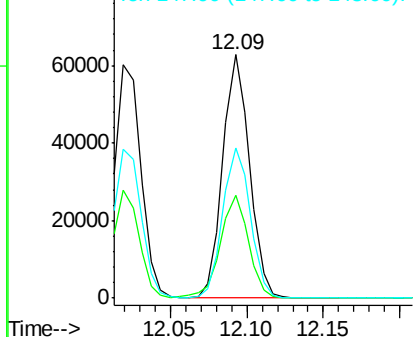


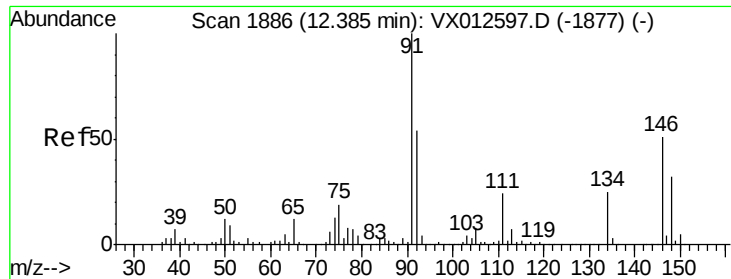
#88
 1,4-Dichlorobenzene
 Concen: 18.691 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012760.D
 Acq: 02 Oct 2019 14:52

Tgt Ion:146 Resp: 76291
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.1 63.3
 148 63.7 32.1 96.5



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: 17.614 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012760.D

Acq: 02 Oct 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

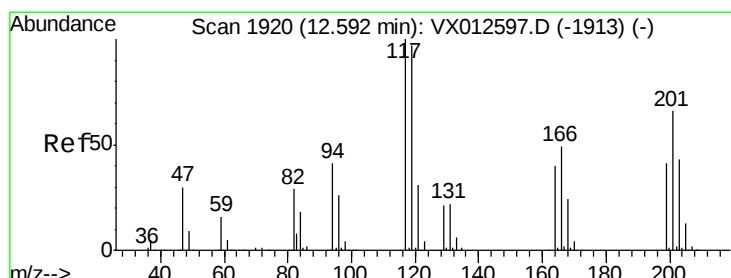
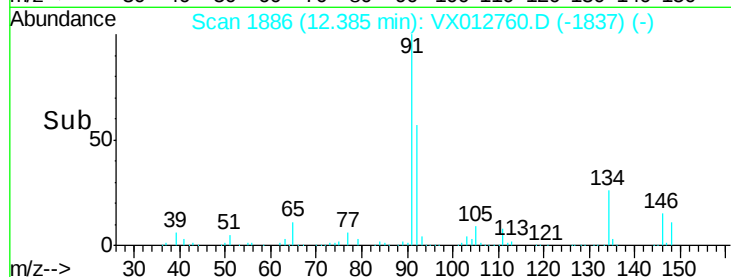
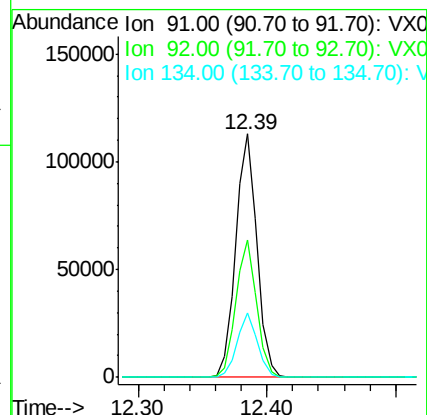
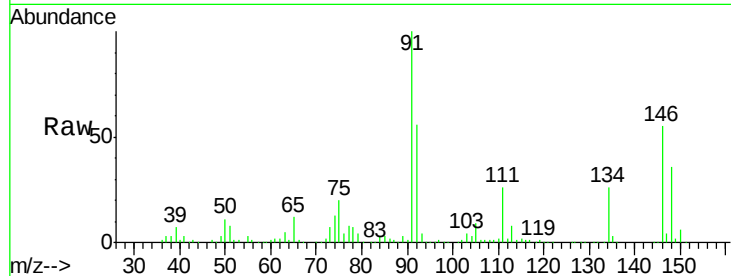
Tot Ion: 91 Resp: 130683

Ion Ratio Lower Upper

91 100

92 55.1 27.7 83.0

134 25.3 12.9 38.6



#90

Hexachloroethane

Concen: 17.649 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012760.D

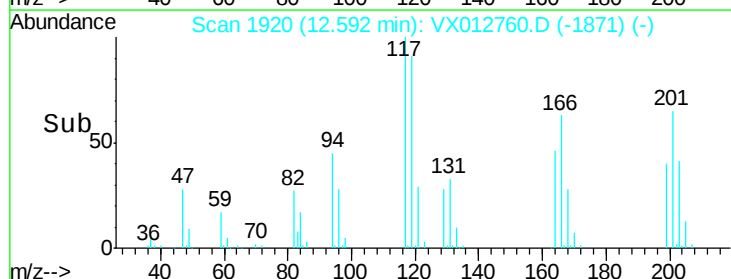
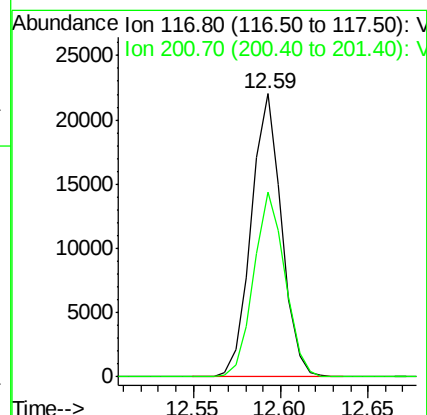
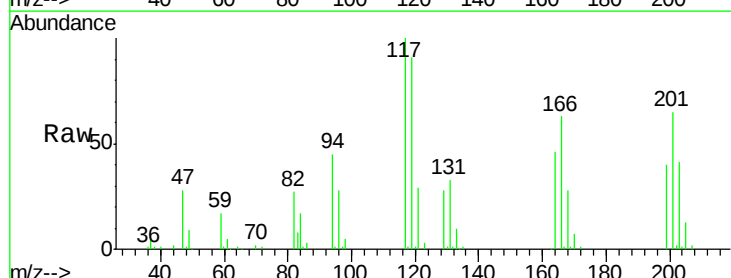
Acq: 02 Oct 2019 14:52

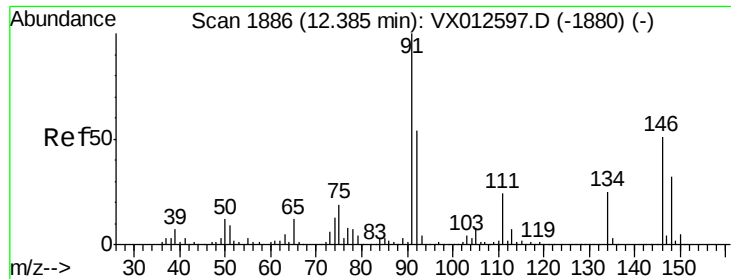
Tgt Ion: 117 Resp: 26491

Ion Ratio Lower Upper

117 100

201 67.4 33.3 99.8

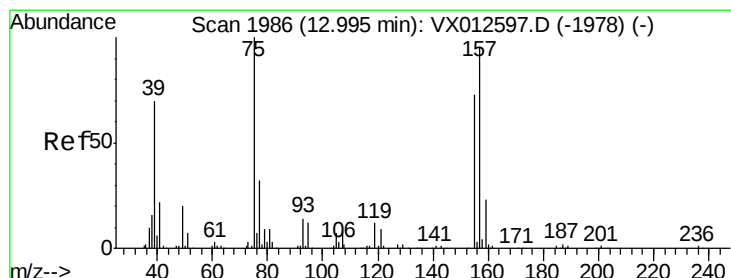
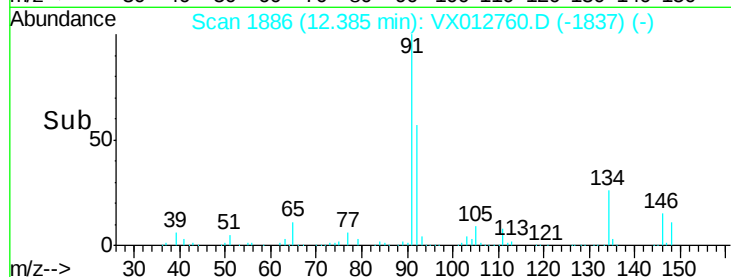
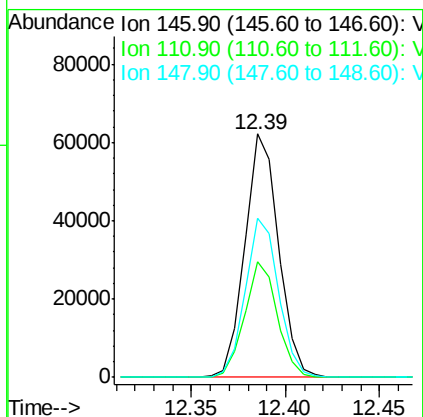
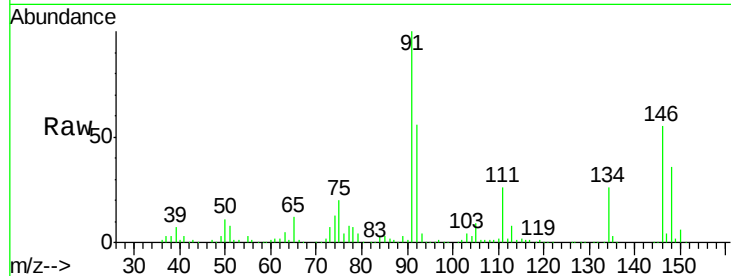




#91
 1,2-Dichlorobenzene
 Concen: 19.040 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012760.D
 Acq: 02 Oct 2019 14:52

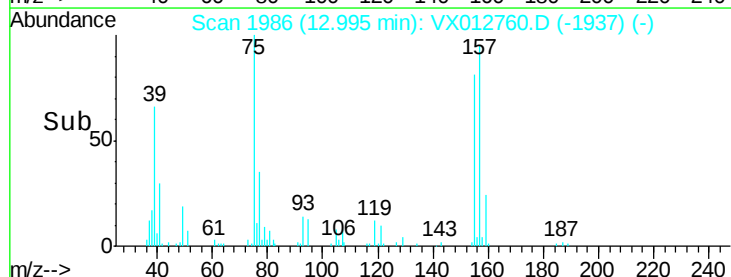
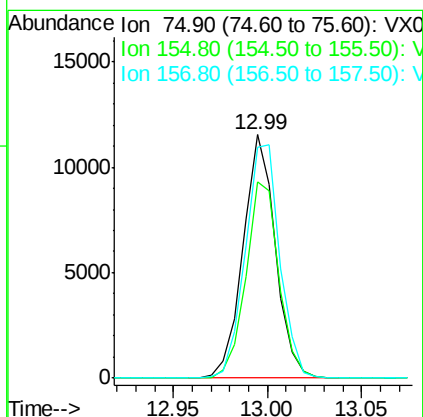
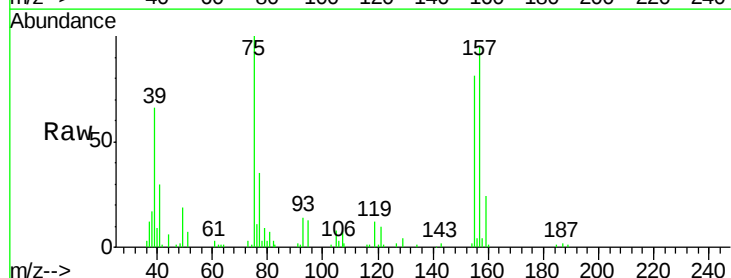
Instrument :
 MSVOA_X
 ClientSampleId :

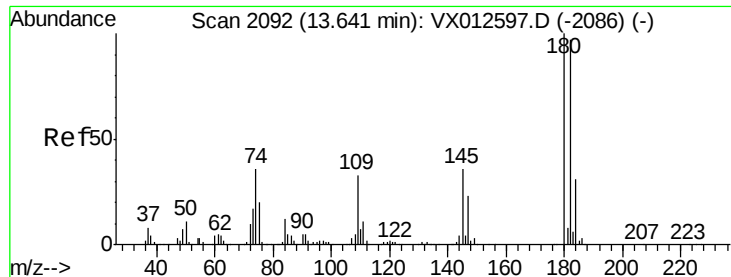
Tot Ion:146 Resp: 76997
 Ion Ratio Lower Upper
 146 100
 111 46.2 22.1 66.1
 148 65.0 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.686 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012760.D
 Acq: 02 Oct 2019 14:52

Tgt Ion: 75 Resp: 13709
 Ion Ratio Lower Upper
 75 100
 155 81.9 38.6 115.8
 157 102.7 50.6 151.9

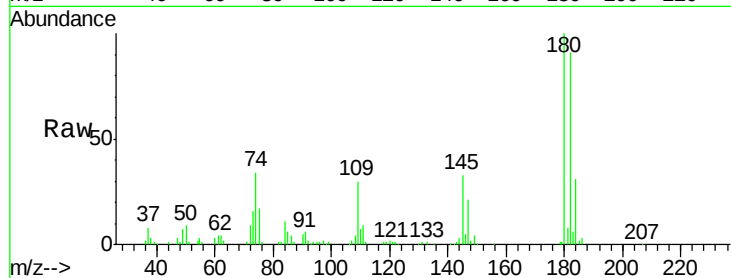




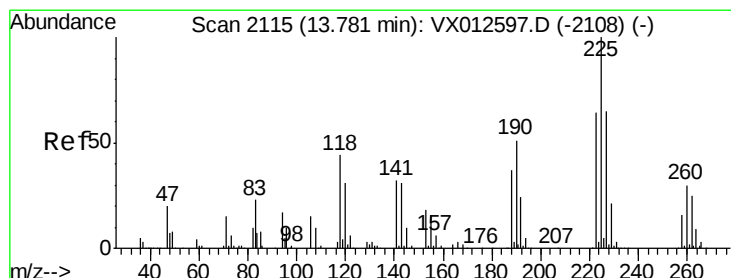
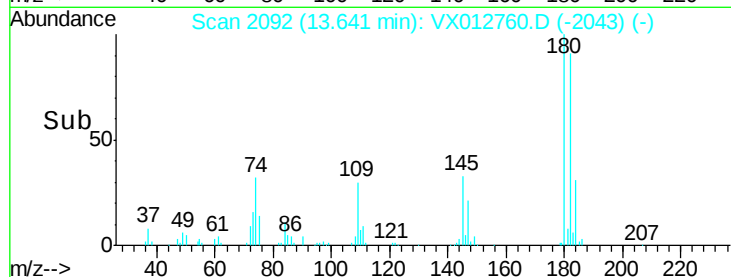
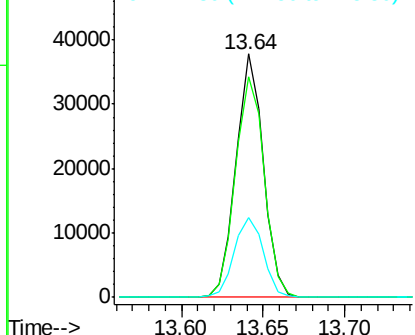
#93
1,2,4-Trichlorobenzene
Concen: 17.846 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:180 Resp: 44013
Ion Ratio Lower Upper
180 100
182 95.6 47.0 141.0
145 35.2 16.8 50.4

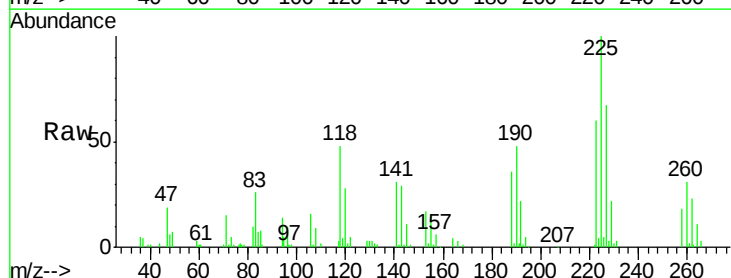


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

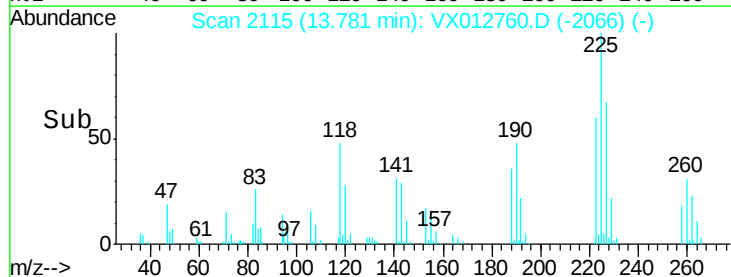
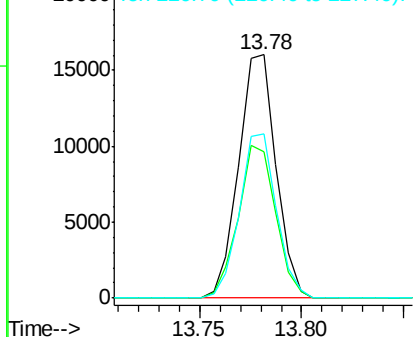


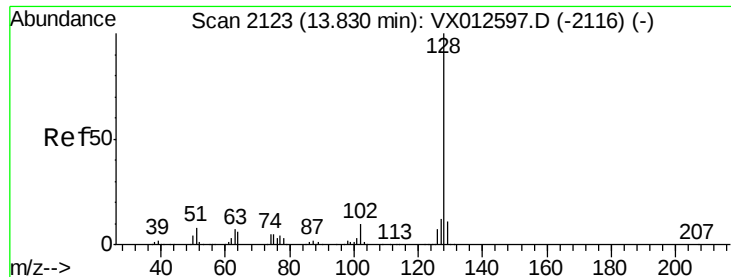
#94
Hexachlorobutadiene
Concen: 19.272 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

Tgt Ion:225 Resp: 20447
Ion Ratio Lower Upper
225 100
223 63.0 32.0 96.2
227 66.5 31.9 95.5



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

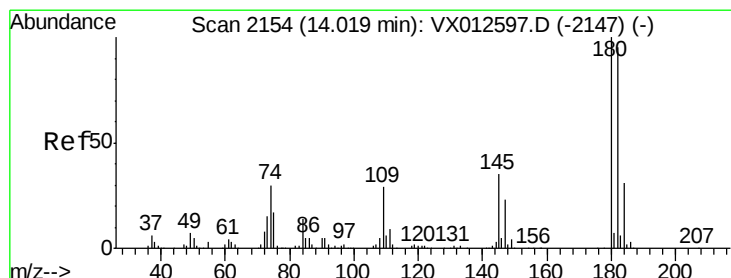
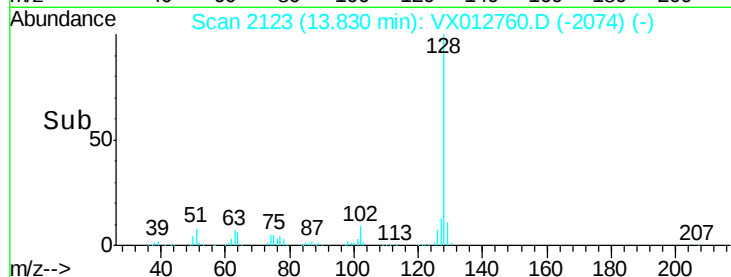
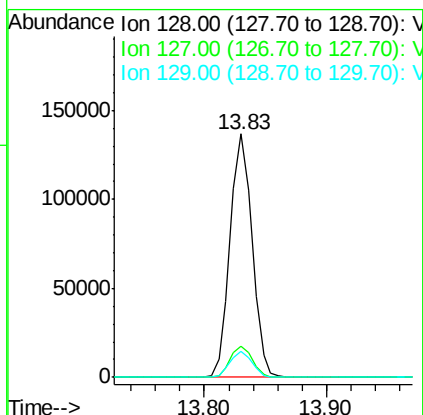
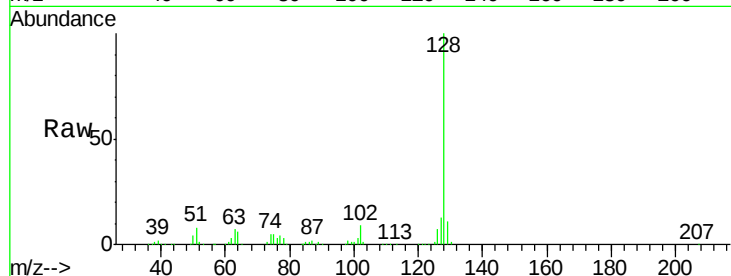




#95
Naphthalene
Concen: 19.046 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 169950
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.231 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012760.D
Acq: 02 Oct 2019 14:52

Tgt Ion:180 Resp: 47510
Ion Ratio Lower Upper
180 100
182 94.5 47.1 141.3
145 35.0 18.0 54.0

