

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092319\
 Data File : VX012596.D
 Acq On : 23 Sep 2019 10:56
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 23 12:00:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 11:56:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	194526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	343190	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	139480	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	54247	19.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	38.48%	
35) Dibromofluoromethane	5.49	113	39569	18.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	37.98%	
50) Toluene-d8	8.71	98	150752	19.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	38.86%	
62) 4-Bromofluorobenzene	11.14	95	57954	18.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	36.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	42213	32.660	ug/l	97
3) Chloromethane	1.32	50	49932	39.105	ug/l	100
4) Vinyl Chloride	1.40	62	49162	36.458	ug/l	97
5) Bromomethane	1.63	94	22893	42.365	ug/l	97
6) Chloroethane	1.72	64	32518	31.348	ug/l	95
7) Trichlorofluoromethane	1.92	101	68756	30.039	ug/l	100
8) Diethyl Ether	2.18	74	27773	27.290	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42061	26.120	ug/l	98
10) Methyl Iodide	2.50	142	36254	27.334	ug/l	99
11) Tert butyl alcohol	3.03	59	69623	93.751	ug/l	99
12) 1,1-Dichloroethene	2.36	96	42479	31.357	ug/l	92
13) Acrolein	2.28	56	36478	121.638	ug/l	100
14) Allyl chloride	2.72	41	85073	28.192	ug/l	99
15) Acrylonitrile	3.13	53	144911	117.509	ug/l	100
16) Acetone	2.44	43	165174	115.296	ug/l	100
17) Carbon Disulfide	2.56	76	114935	53.179	ug/l	99
18) Methyl Acetate	2.76	43	70465	23.787	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	159631	23.439	ug/l	100
20) Methylene Chloride	2.85	84	49213	27.318	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	45541	32.115	ug/l	99
22) Diisopropyl ether	3.84	45	162020	23.777	ug/l	98
23) Vinyl Acetate	3.80	43	720032	127.112	ug/l	99
24) 1,1-Dichloroethane	3.69	63	85672	25.670	ug/l	99
25) 2-Butanone	4.66	43	220925	112.833	ug/l	98
26) 2,2-Dichloropropane	4.57	77	78450	24.343	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	53368	26.629	ug/l	97
28) Bromochloromethane	5.01	49	31065	18.960	ug/l	99
29) Tetrahydrofuran	5.12	42	132368	120.888	ug/l	98
30) Chloroform	5.20	83	88350	23.561	ug/l	98
31) Cyclohexane	5.57	56	79468	34.940	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	79628	25.131	ug/l	98
36) 1,1-Dichloropropene	5.79	75	66779	29.936	ug/l	98
37) Ethyl Acetate	4.82	43	79178	24.457	ug/l	99
38) Carbon Tetrachloride	5.77	117	67065	25.045	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78408	34.508	ug/l	95
40) Benzene	6.14	78	193667	27.607	ug/l	100
41) Methacrylonitrile	5.03	41	41834	20.357	ug/l	97
42) 1,2-Dichloroethane	6.19	62	74774	23.838	ug/l	99
43) Isopropyl Acetate	6.44	43	127271	22.109	ug/l	99
44) Trichloroethene	7.21	130	49665	27.235	ug/l	99
45) 1,2-Dichloropropane	7.51	63	51049	24.505	ug/l	99
46) Dibromomethane	7.65	93	33428	24.627	ug/l	98
47) Bromodichloromethane	7.89	83	67691	22.844	ug/l	100
48) Methyl methacrylate	7.76	41	61519	22.533	ug/l	98
49) 1,4-Dioxane	7.73	88	28757	434.183	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	402680	107.623	ug/l	99
52) Toluene	8.78	92	122933	27.370	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	74884	24.068	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	81554	25.079	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	48895	22.097	ug/l	99
56) Ethyl methacrylate	9.17	69	82181	23.484	ug/l	100
57) 1,3-Dichloropropane	9.37	76	86101	24.117	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	187915	104.964	ug/l	99
59) 2-Hexanone	9.48	43	315863	108.084	ug/l	99
60) Dibromochloromethane	9.57	129	49483	22.091	ug/l	99
61) 1,2-Dibromoethane	9.67	107	51285	24.946	ug/l	99
64) Tetrachloroethene	9.33	164	43335	28.892	ug/l	97
65) Chlorobenzene	10.14	112	126981	24.273	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	46473	22.014	ug/l	99
67) Ethyl Benzene	10.25	91	234978	25.938	ug/l	100
68) m/p-Xylenes	10.36	106	172968	52.142	ug/l	99
69) o-Xylene	10.70	106	84678	25.165	ug/l	100
70) Styrene	10.71	104	141728	23.970	ug/l	99
71) Bromoform	10.85	173	31754	20.392	ug/l #	100
73) Isopropylbenzene	11.01	105	228513	25.363	ug/l	100
74) N-amyl acetate	10.89	43	107400	22.588	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	74094	21.558	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	91153	28.246	ug/l	88
77) Bromobenzene	11.25	156	50901	23.476	ug/l	99
78) n-propylbenzene	11.35	91	255029	25.392	ug/l	99
79) 2-Chlorotoluene	11.42	91	156583	24.063	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	191659	25.029	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24897	22.664	ug/l	93
82) 4-Chlorotoluene	11.51	91	179935	24.118	ug/l	100
83) tert-Butylbenzene	11.77	119	182282	22.626	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	193748	24.685	ug/l	99
85) sec-Butylbenzene	11.94	105	214410	23.929	ug/l	99
86) p-Isopropyltoluene	12.06	119	194717	23.698	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	92584	22.823	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	93580	22.507	ug/l	100
89) n-Butylbenzene	12.39	91	166017	22.697	ug/l	99
90) Hexachloroethane	12.59	117	32919	22.086	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	92578	22.022	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18351	20.677	ug/l	99

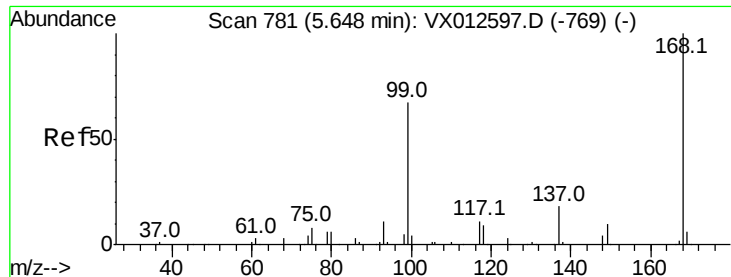
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	54703	20.498	ug/l	99
94) Hexachlorobutadiene	13.78	225	23816	19.084	ug/l	97
95) Naphthalene	13.83	128	210073	21.968	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	55920	20.544	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: VX012596.D

Acq: 23 Sep 2019 10:56

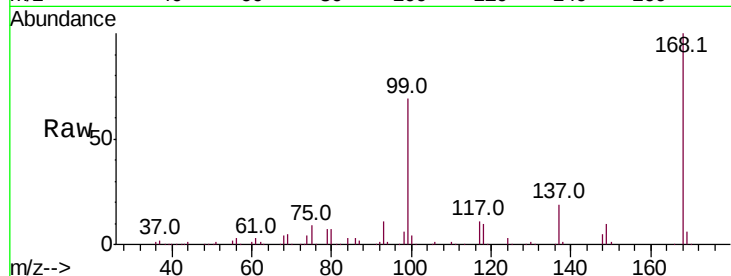
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 194526

Ion Ratio Lower Upper

168 100

99 69.3 53.3 79.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

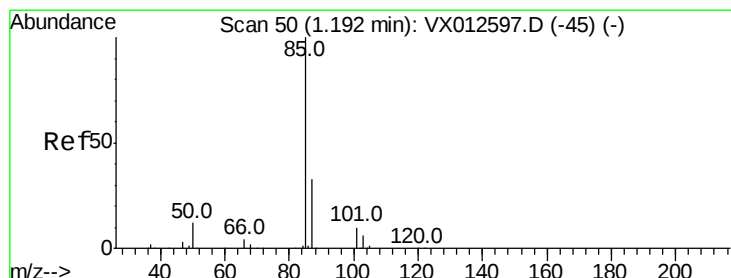
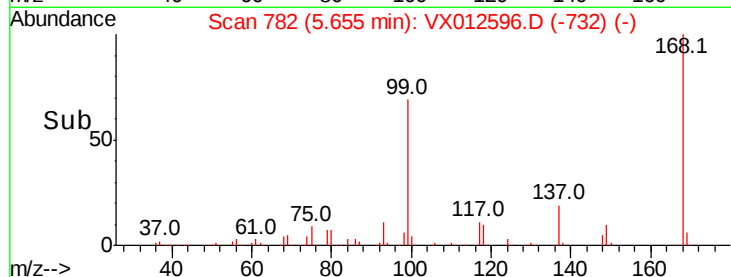
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 32.660 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX012596.D

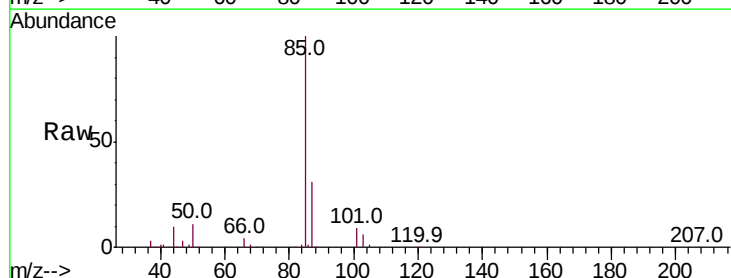
Acq: 23 Sep 2019 10:56

Tgt Ion: 85 Resp: 42213

Ion Ratio Lower Upper

85 100

87 31.1 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

30000

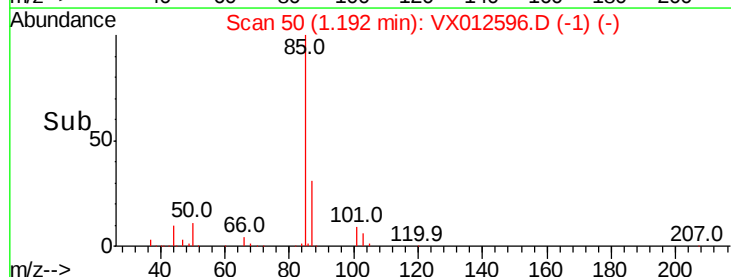
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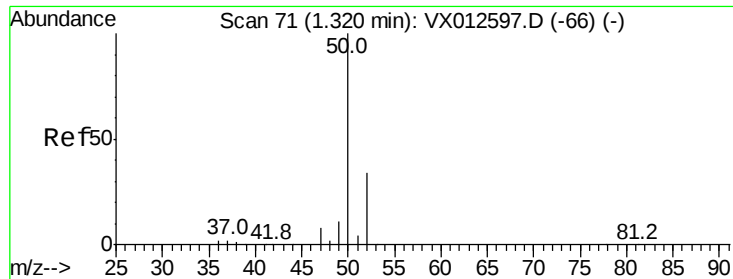
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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 39.105 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :

MSVOA_X

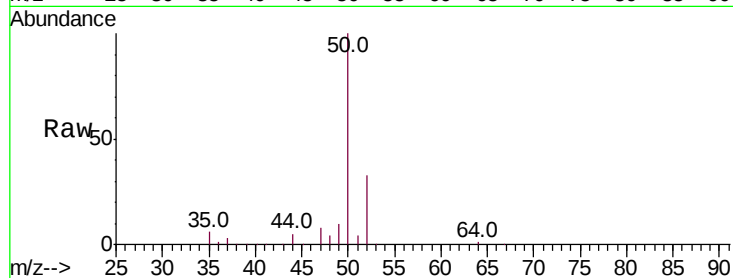
ClientSampleId :

Tot Ion: 50 Resp: 49932

Ion Ratio Lower Upper

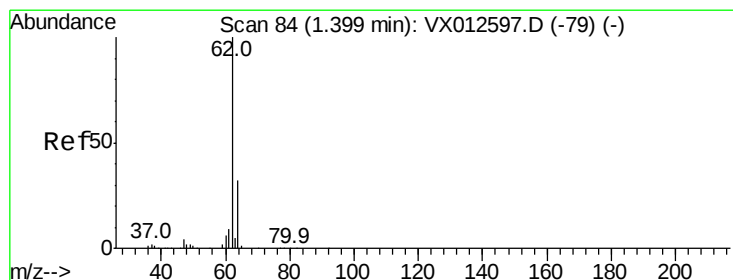
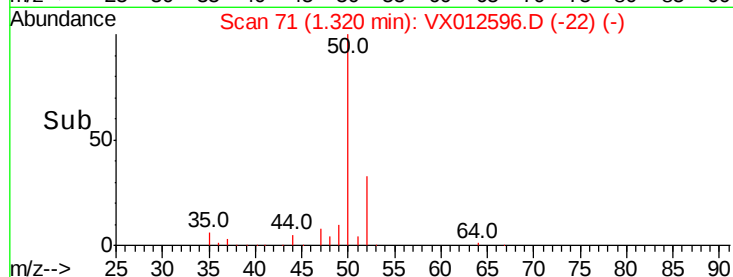
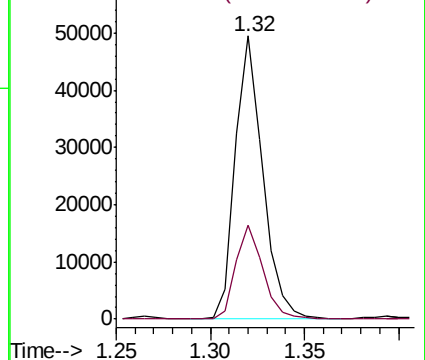
50 100

52 33.5 27.0 40.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 36.458 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012596.D

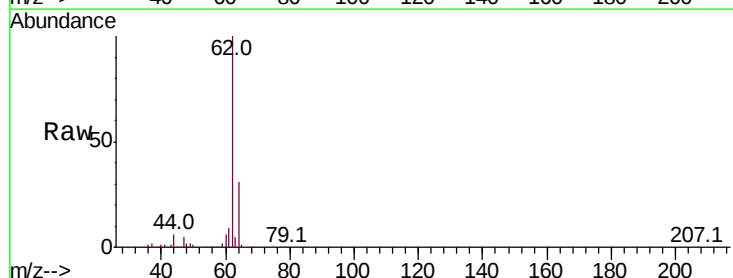
Acq: 23 Sep 2019 10:56

Tgt Ion: 62 Resp: 49162

Ion Ratio Lower Upper

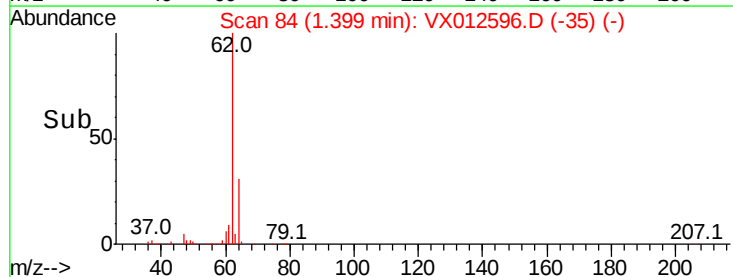
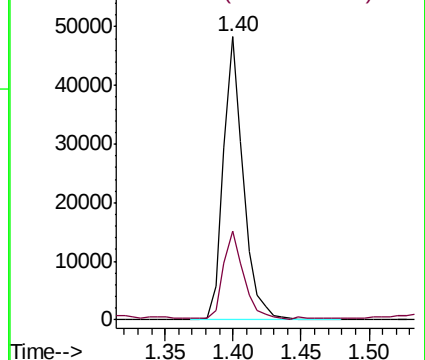
62 100

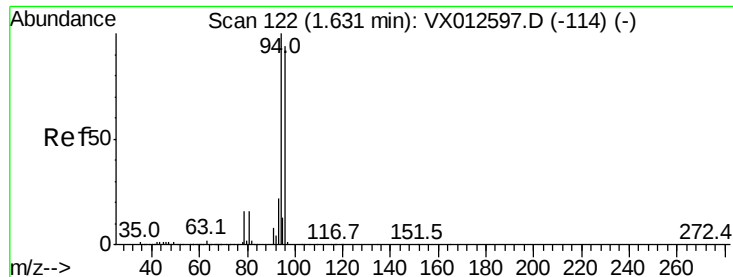
64 30.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 42.365 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

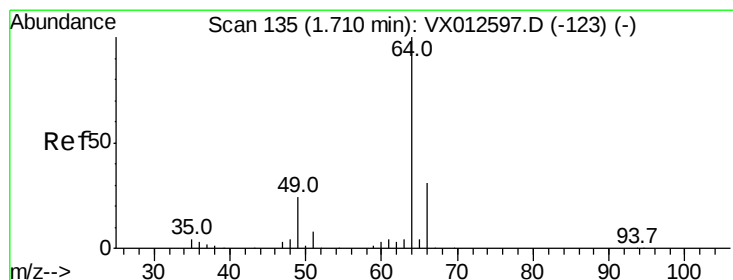
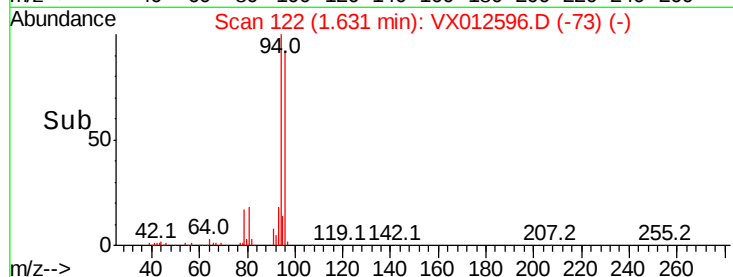
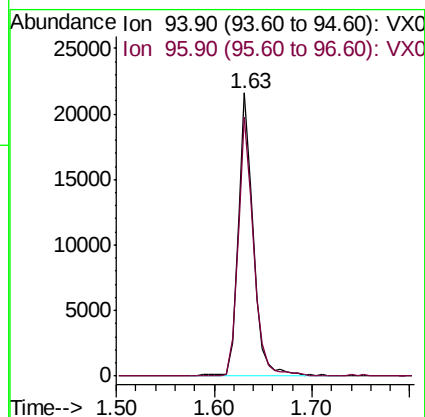
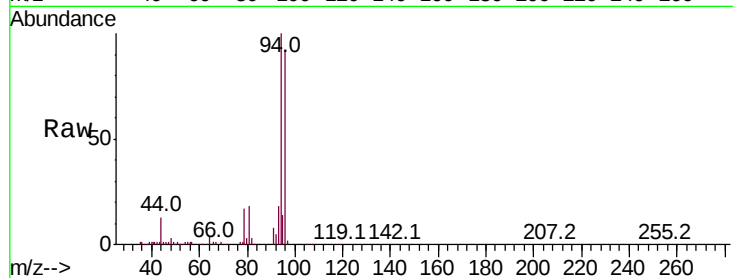
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 22893

Ion Ratio Lower Upper

94 100

96 91.6 75.4 113.0



#6

Chloroethane

Concen: 31.348 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012596.D

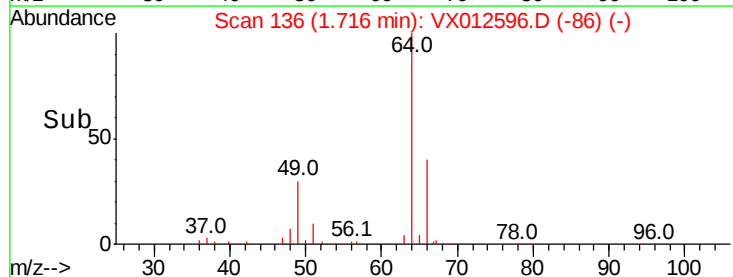
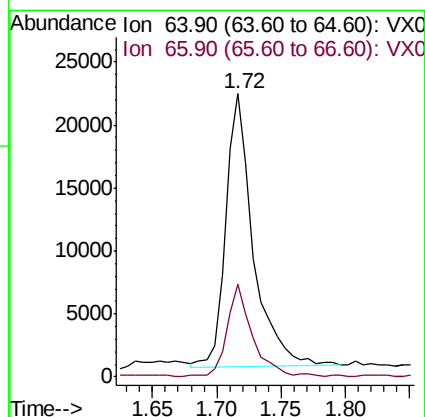
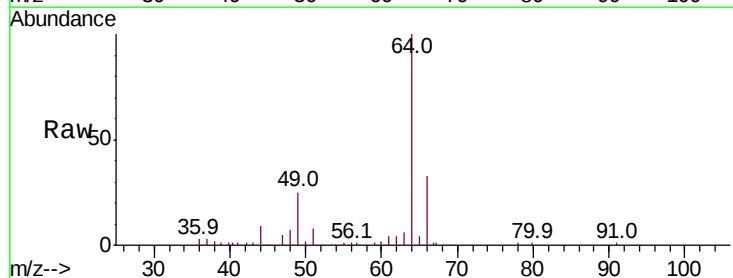
Acq: 23 Sep 2019 10:56

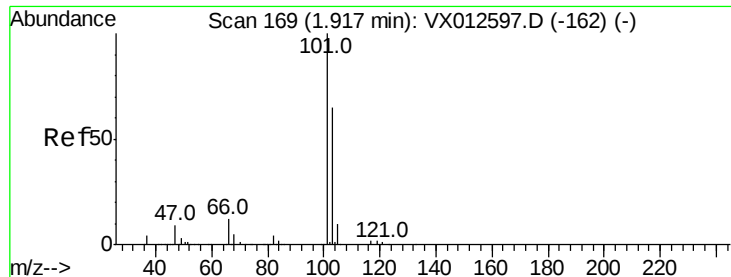
Tgt Ion: 64 Resp: 32518

Ion Ratio Lower Upper

64 100

66 33.3 24.6 37.0



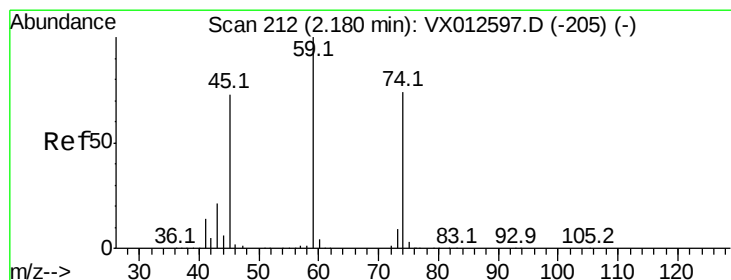
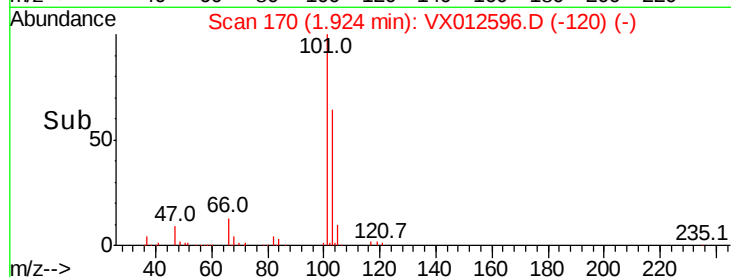
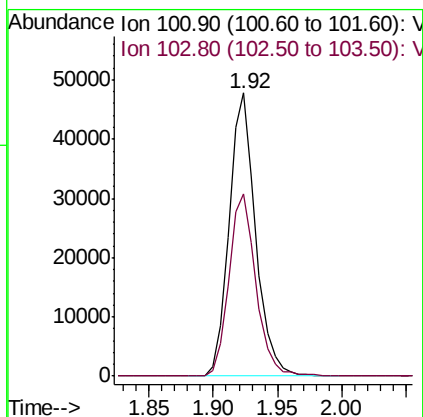
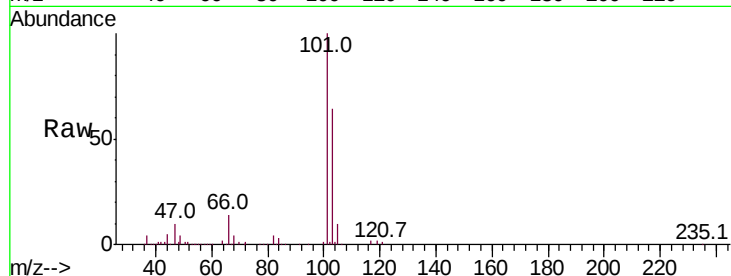


#7

Trichlorofluoromethane
Concen: 30.039 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :

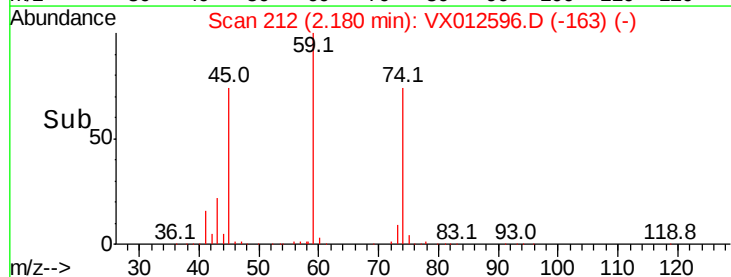
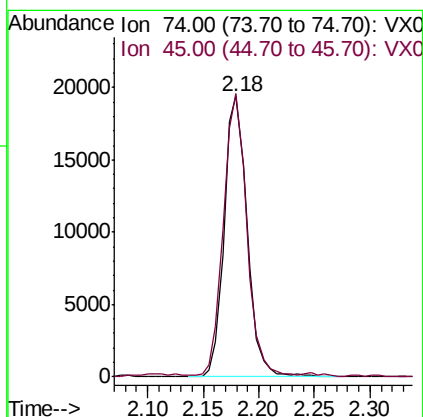
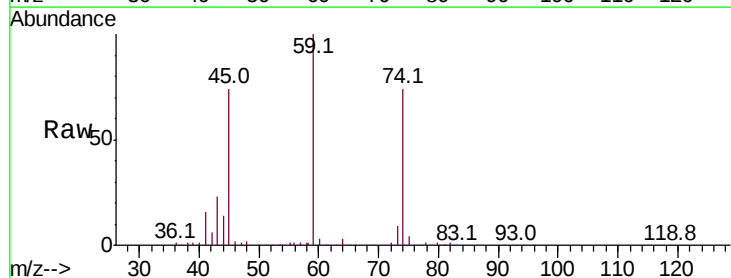
Tot Ion:101 Resp: 68756
Ion Ratio Lower Upper
101 100
103 64.3 51.7 77.5

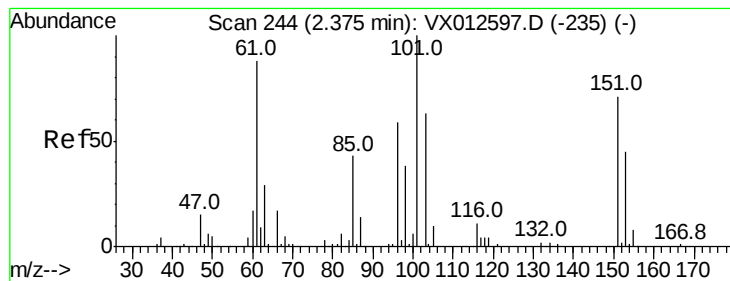


#8

Diethyl Ether
Concen: 27.290 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

Tgt Ion: 74 Resp: 27773
Ion Ratio Lower Upper
74 100
45 101.4 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 26.120 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :

MSVOA_X

ClientSampled :

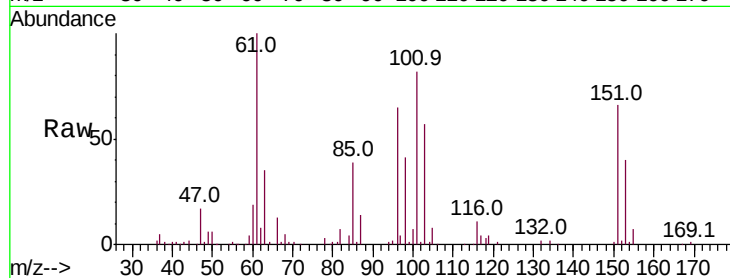
Tot Ion:101 Resp: 42061

Ion Ratio Lower Upper

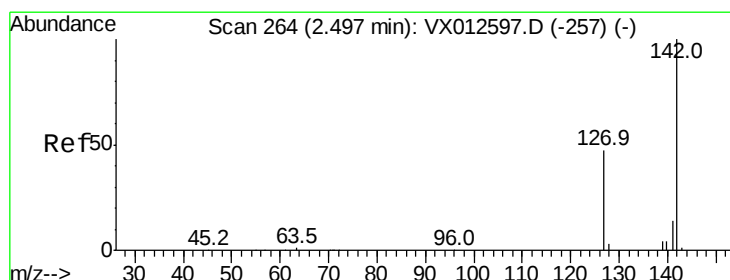
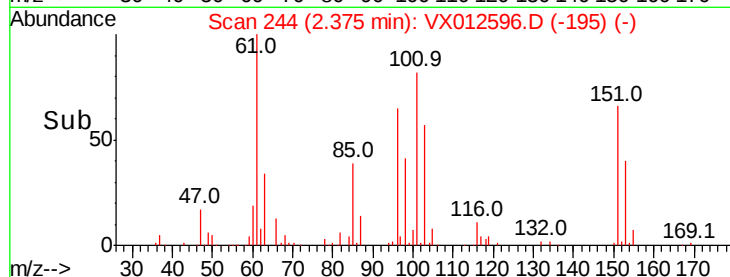
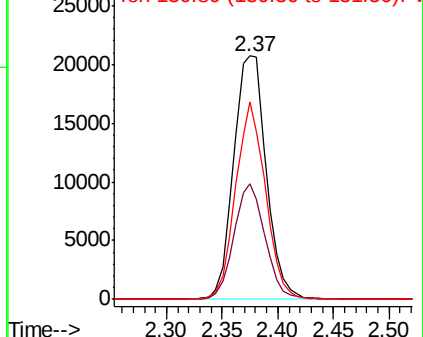
101 100

85 45.2 35.8 53.6

151 74.1 57.4 86.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 27.334 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

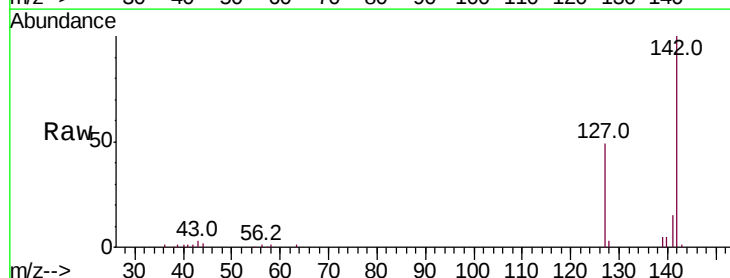
Tgt Ion:142 Resp: 36254

Ion Ratio Lower Upper

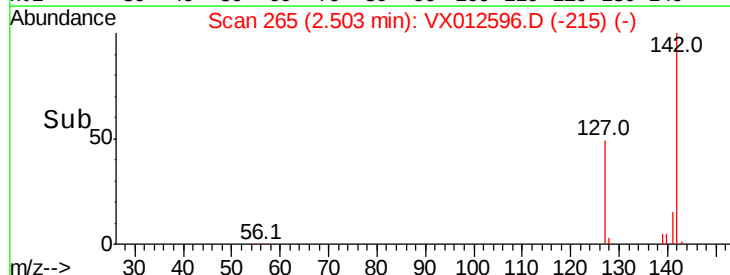
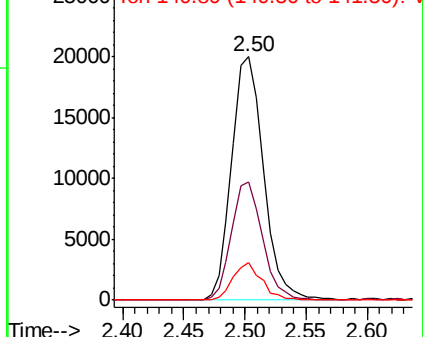
142 100

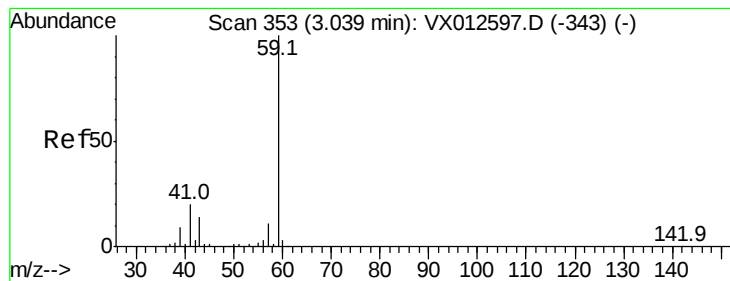
127 47.2 38.1 57.1

141 13.8 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



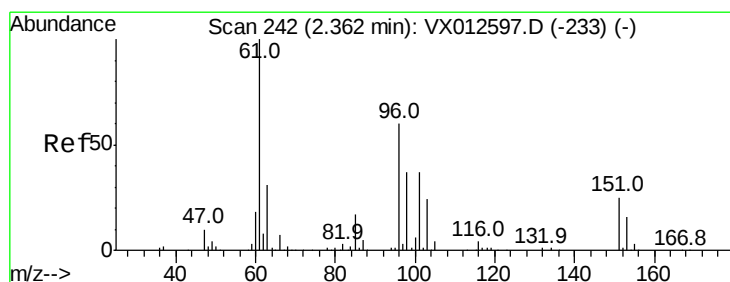
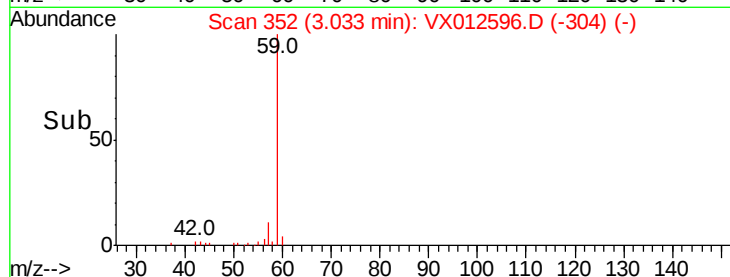
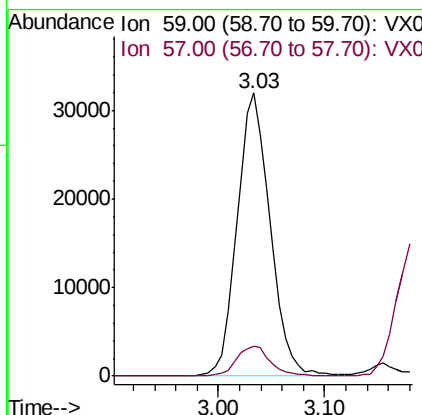
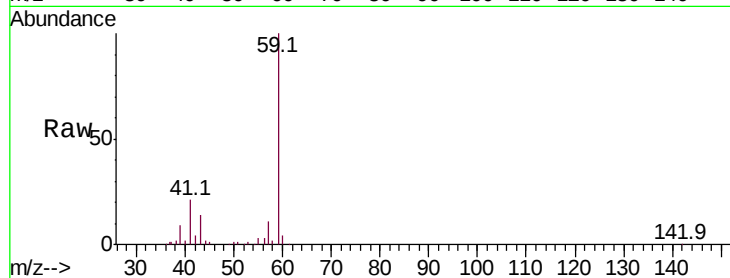


#11

Tert butyl alcohol
Concen: 93.751 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :

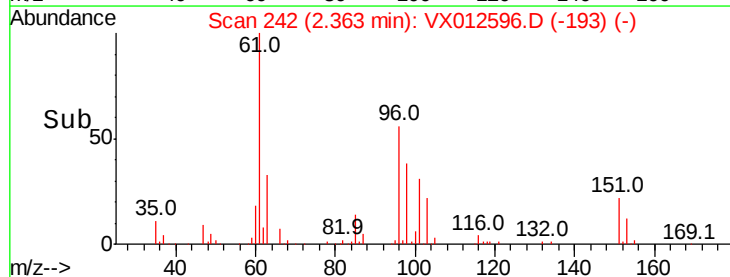
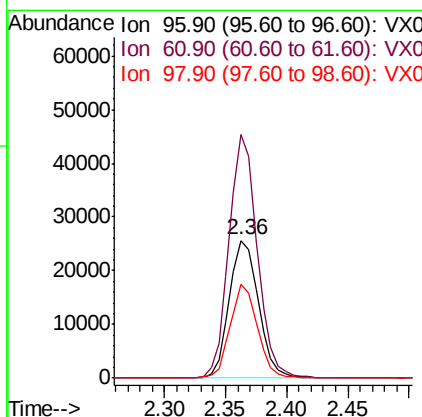
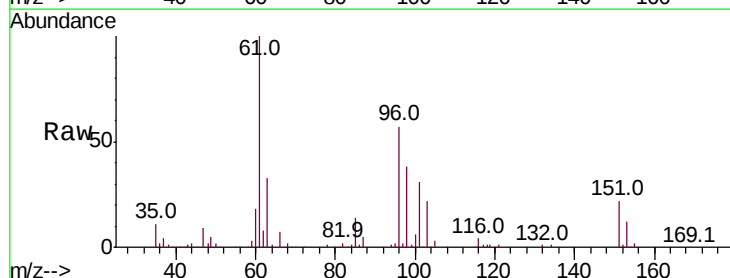
Tot Ion: 59 Resp: 69623
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

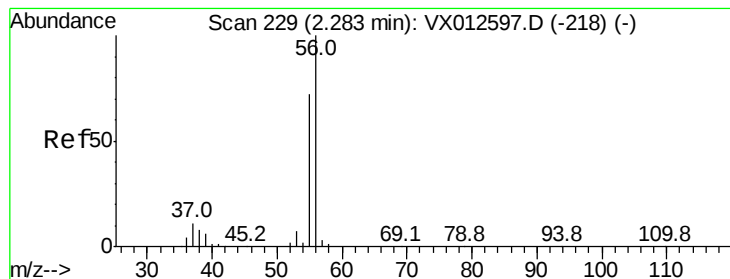


#12

1,1-Dichloroethene
Concen: 31.357 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

Tgt Ion: 96 Resp: 42479
Ion Ratio Lower Upper
96 100
61 176.5 133.4 200.0
98 67.6 48.8 73.2





#13

Acrolein

Concen: 121.638 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

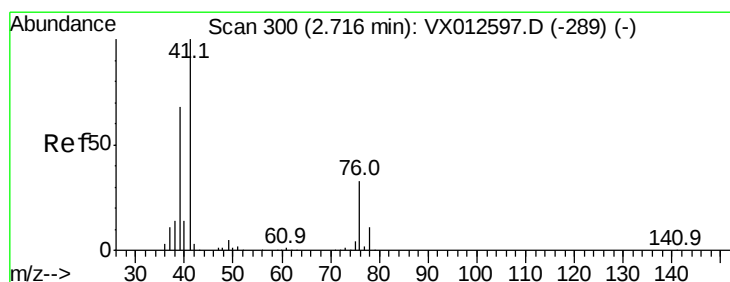
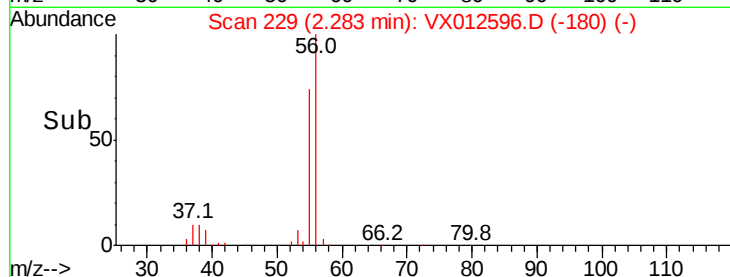
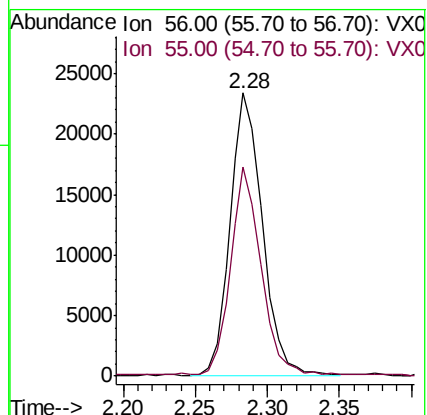
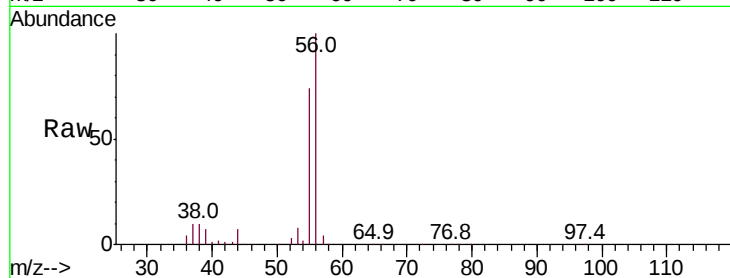
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 36478

Ion Ratio Lower Upper

56 100

55 70.2 56.2 84.4



#14

Allyl chloride

Concen: 28.192 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

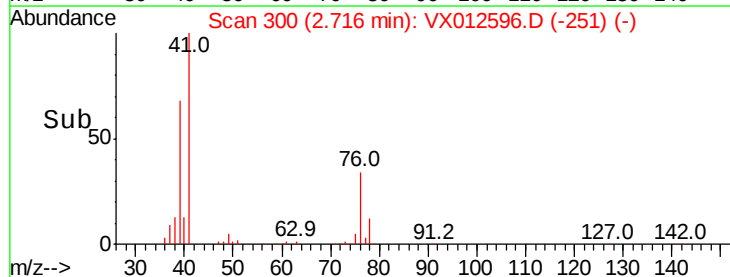
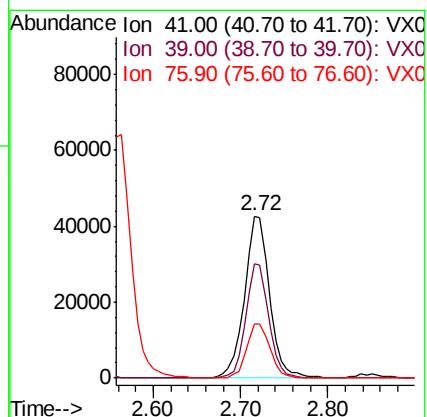
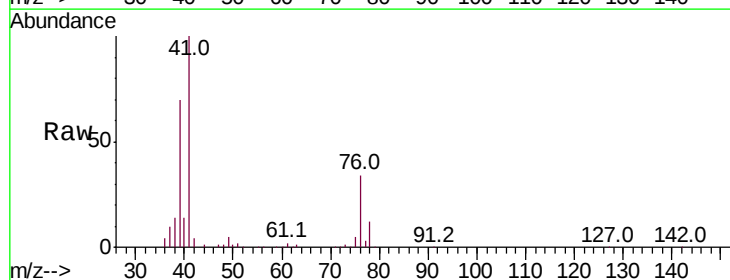
Tgt Ion: 41 Resp: 85073

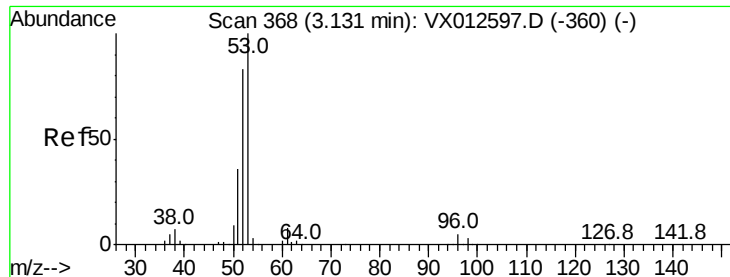
Ion Ratio Lower Upper

41 100

39 64.5 52.1 78.1

76 31.2 25.0 37.6





#15

Acrylonitrile

Concen: 117.509 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

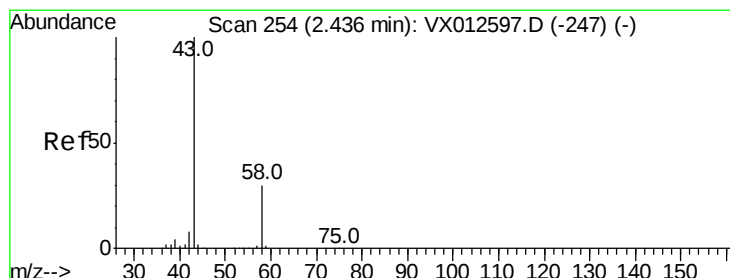
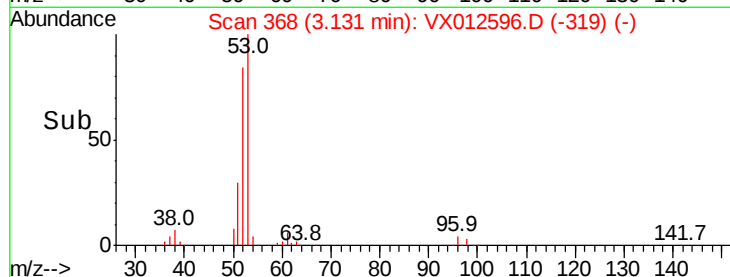
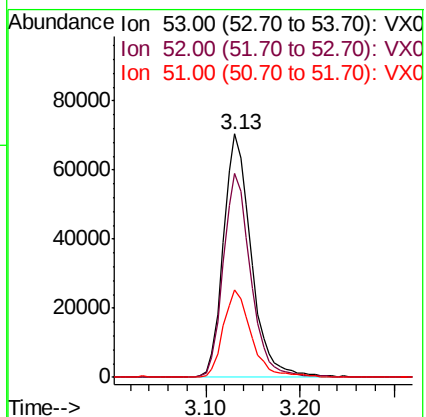
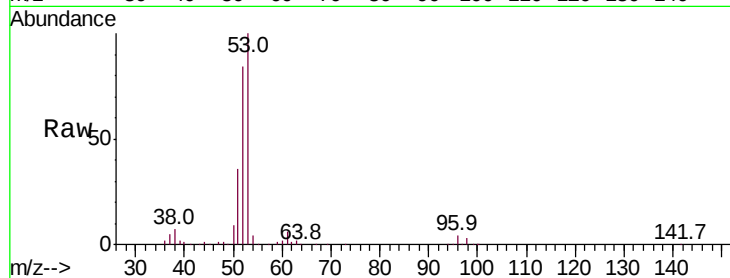
Tot Ion: 53 Resp: 144911

Ion Ratio Lower Upper

53 100

52 82.7 66.1 99.1

51 36.2 29.2 43.8



#16

Acetone

Concen: 115.296 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012596.D

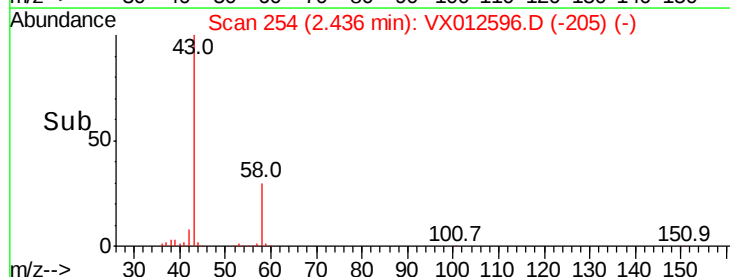
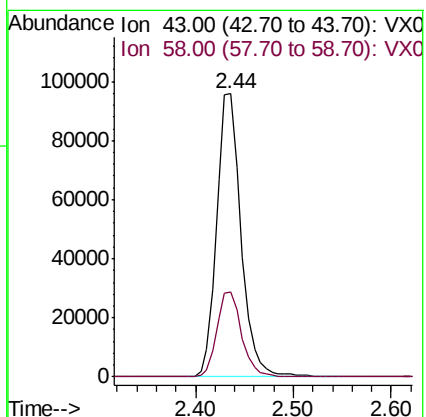
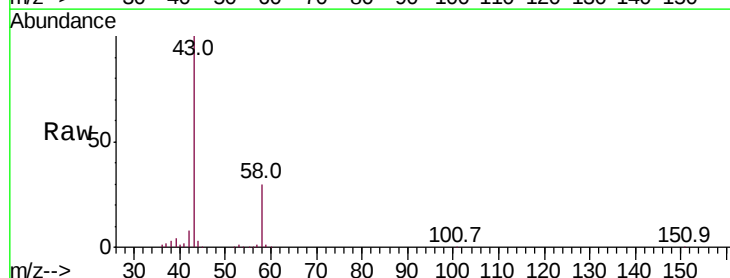
Acq: 23 Sep 2019 10:56

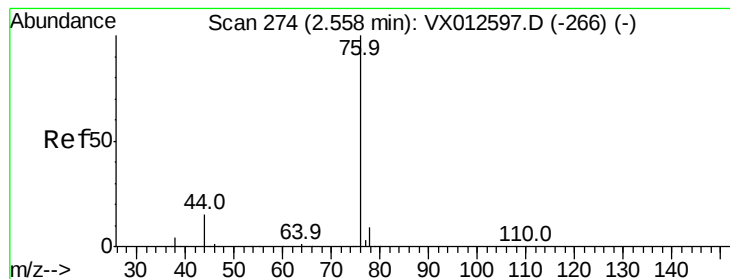
Tgt Ion: 43 Resp: 165174

Ion Ratio Lower Upper

43 100

58 30.2 24.3 36.5





#17

Carbon Disulfide

Concen: 53.179 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :

MSVOA_X

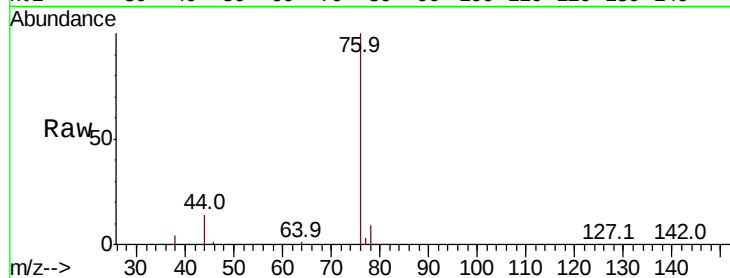
ClientSampleId :

Tot Ion: 76 Resp: 114935

Ion Ratio Lower Upper

76 100

78 8.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

60000

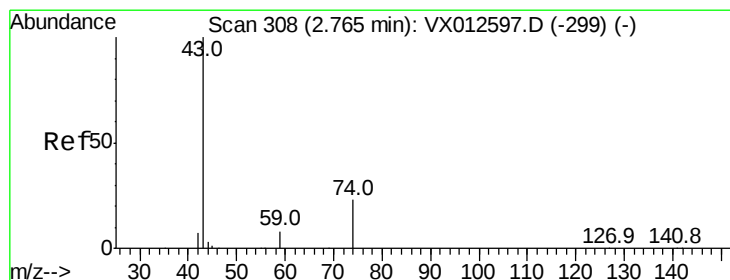
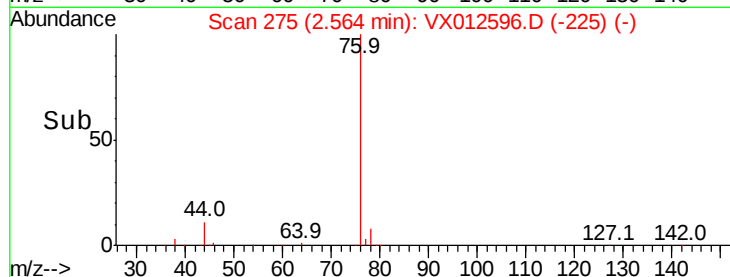
40000

20000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 23.787 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012596.D

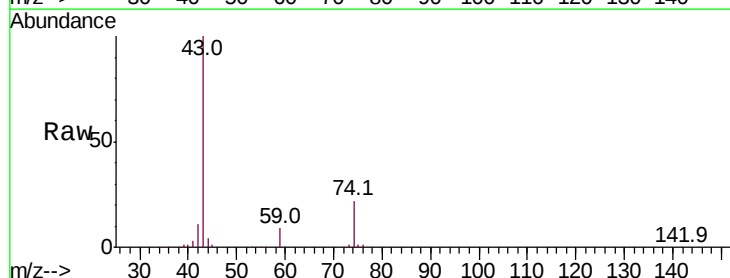
Acq: 23 Sep 2019 10:56

Tgt Ion: 43 Resp: 70465

Ion Ratio Lower Upper

43 100

74 22.7 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

40000

30000

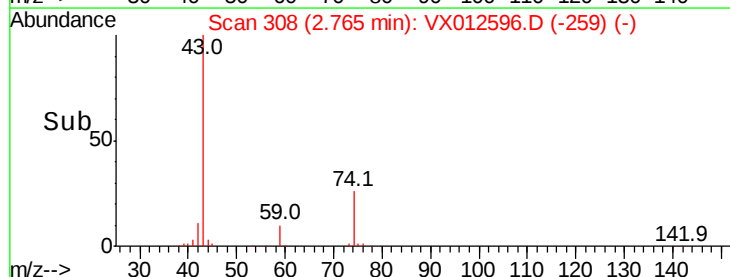
20000

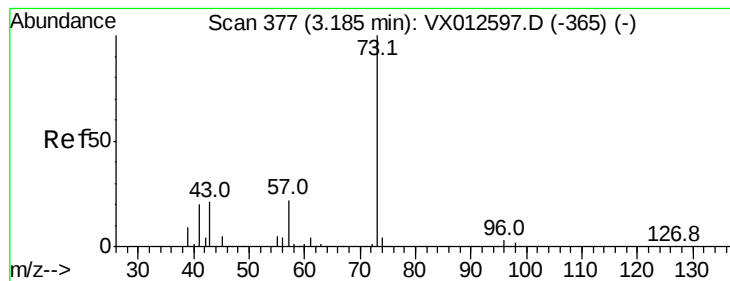
10000

0

Time-->

2.70 2.80 2.90



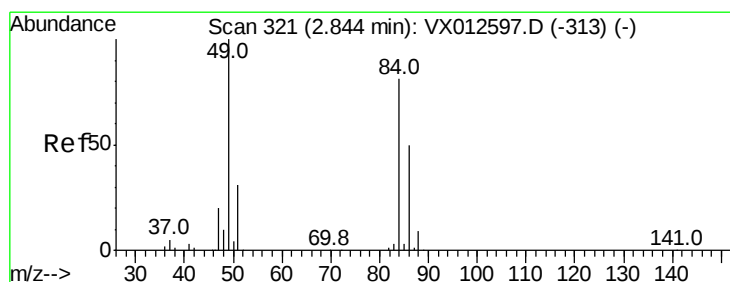
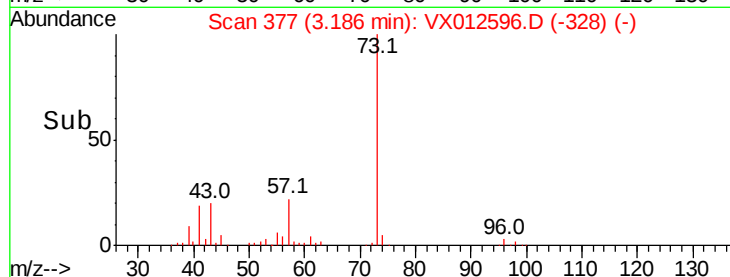
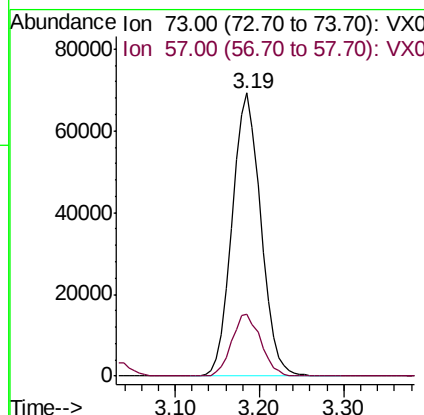
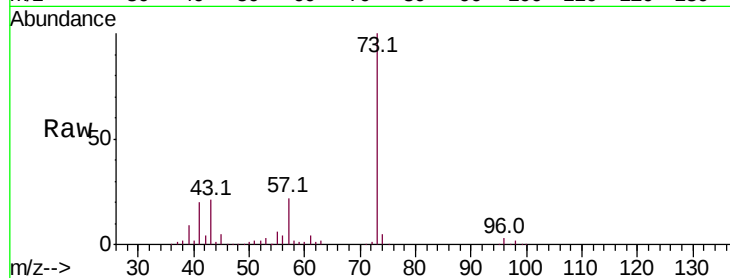


#19

Methyl tert-butyl Ether
 Concen: 23.439 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX012596.D
 Acq: 23 Sep 2019 10:56

Instrument :
 MSVOA_X
 ClientSampleId :

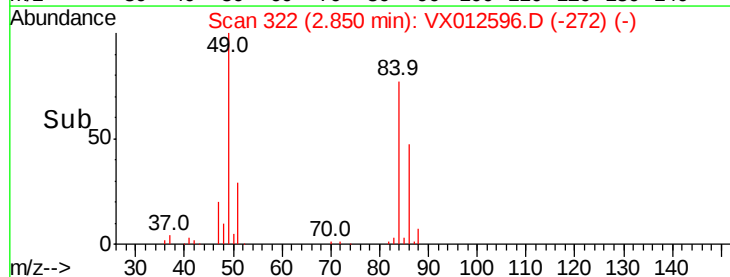
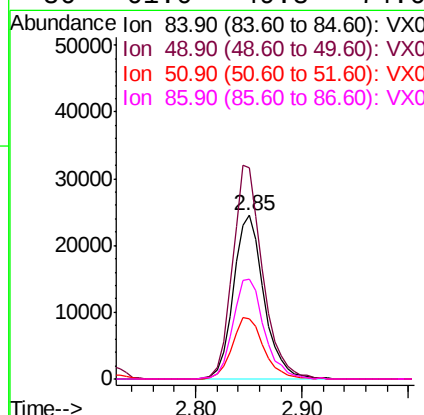
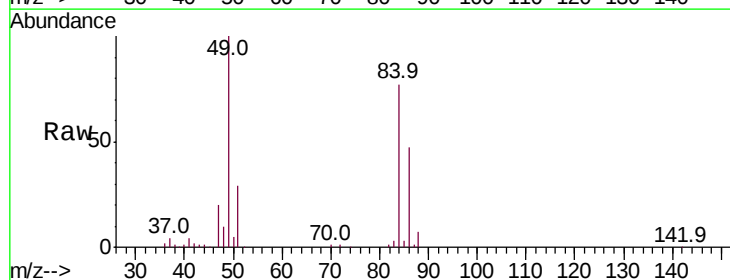
Tot Ion: 73 Resp: 159631
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.5 26.3

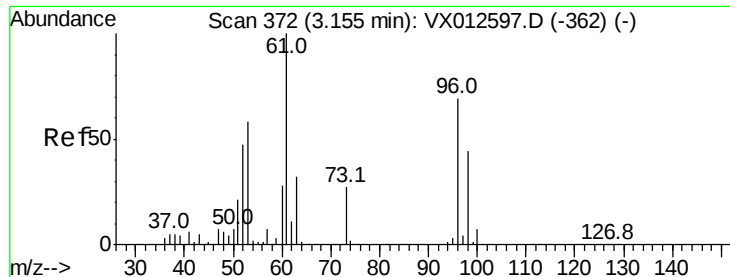


#20

Methylene Chloride
 Concen: 27.318 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX012596.D
 Acq: 23 Sep 2019 10:56

Tgt Ion: 84 Resp: 49213
 Ion Ratio Lower Upper
 84 100
 49 129.4 99.3 148.9
 51 37.2 30.4 45.6
 86 61.0 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 32.115 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :

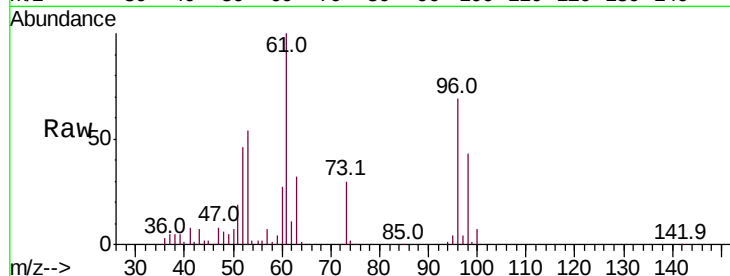
Tot Ion: 96 Resp: 45541

Ion Ratio Lower Upper

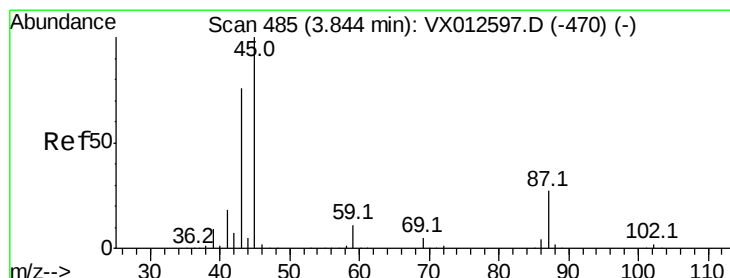
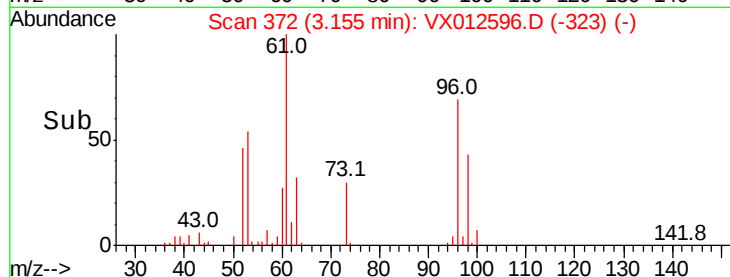
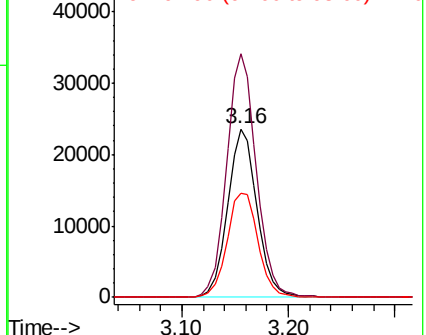
96 100

61 144.4 115.7 173.5

98 61.7 50.6 75.8



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: 23.777 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Tgt Ion: 45 Resp: 162020

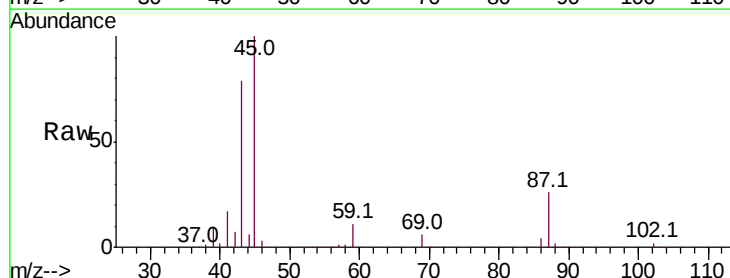
Ion Ratio Lower Upper

45 100

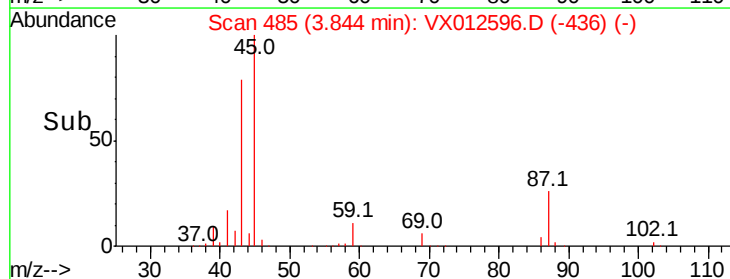
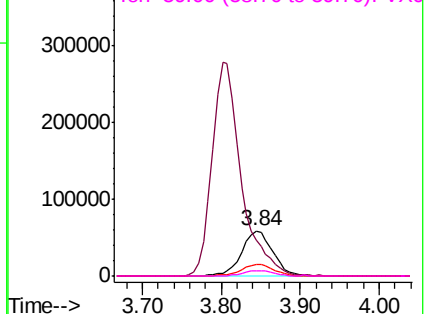
43 77.8 60.8 91.2

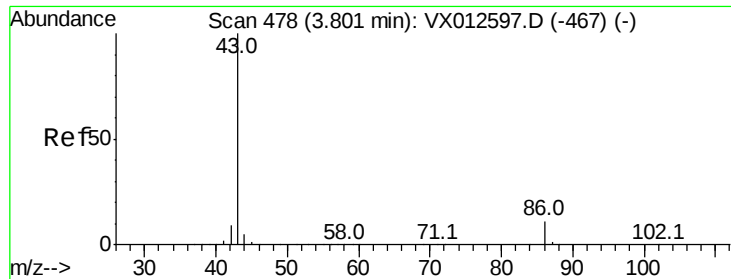
87 26.0 21.9 32.9

59 10.8 8.6 12.8



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: 127.112 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

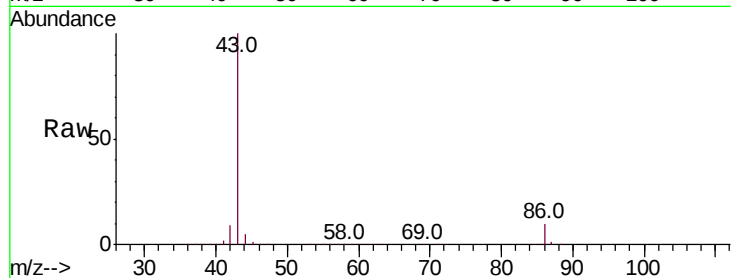
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 720032

Ion Ratio Lower Upper

43 100

86 10.2 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

250000

200000

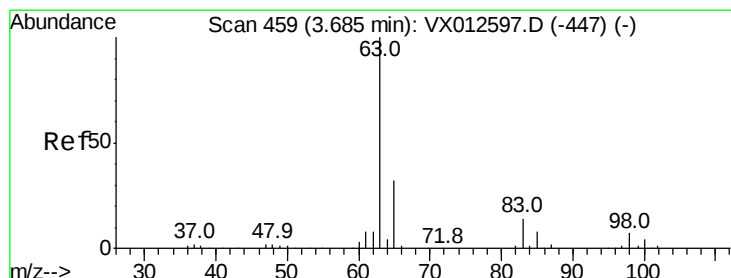
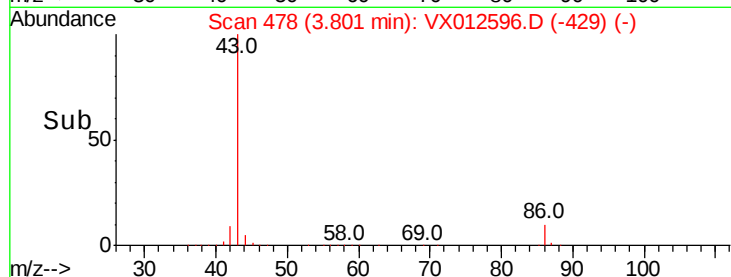
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 25.670 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

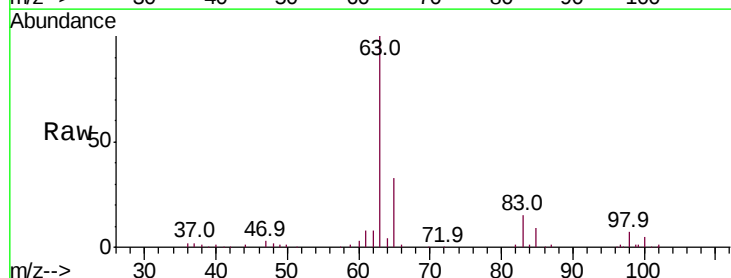
Tgt Ion: 63 Resp: 85672

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

100 4.7 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

50000

40000

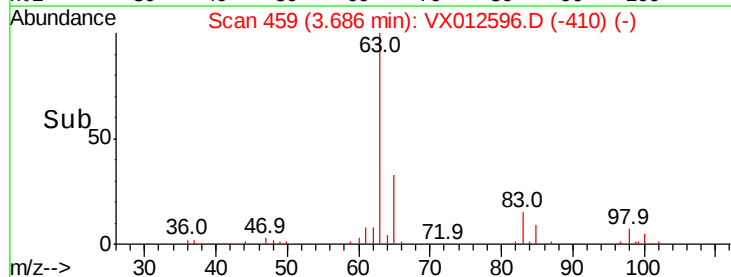
30000

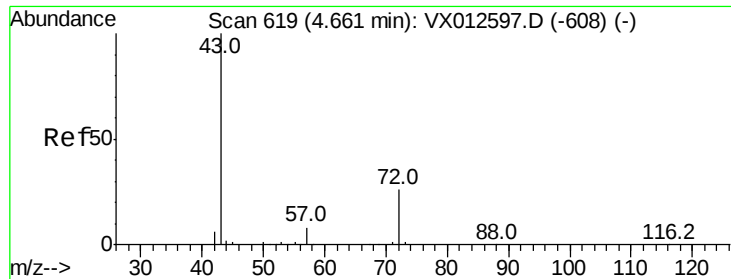
20000

10000

0

Time-->





#25

2-Butanone

Concen: 112.833 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :

MSVOA_X

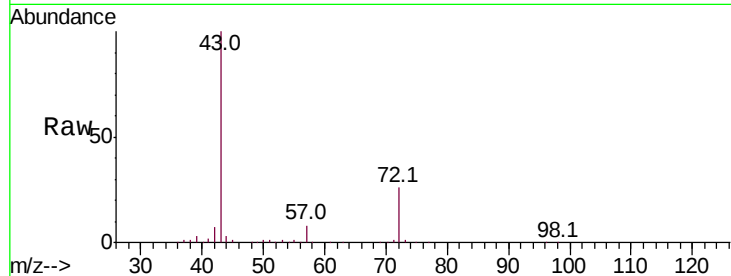
ClientSampled :

Tot Ion: 43 Resp: 220925

Ion Ratio Lower Upper

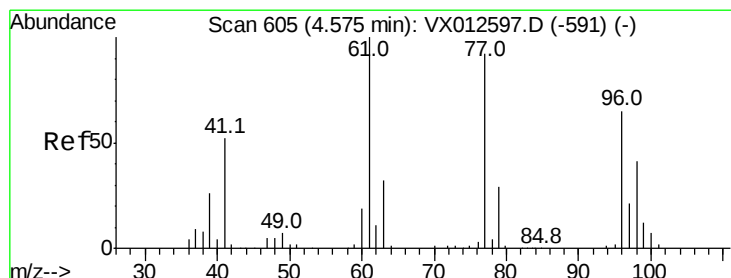
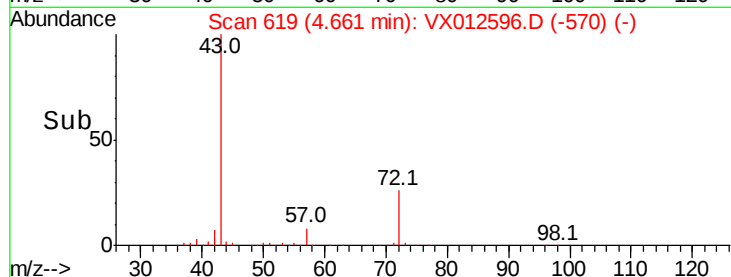
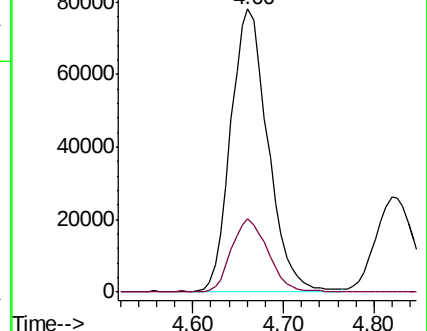
43 100

72 25.6 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 24.343 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012596.D

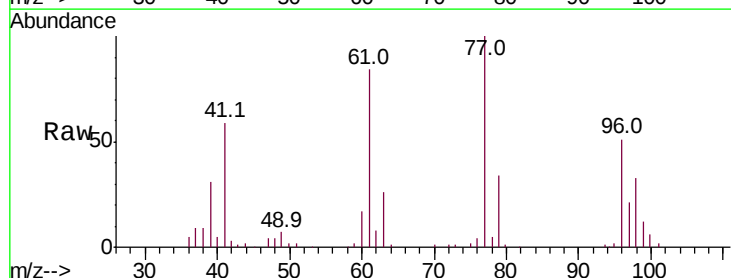
Acq: 23 Sep 2019 10:56

Tgt Ion: 77 Resp: 78450

Ion Ratio Lower Upper

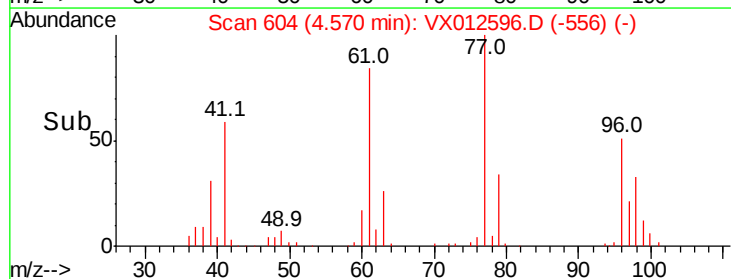
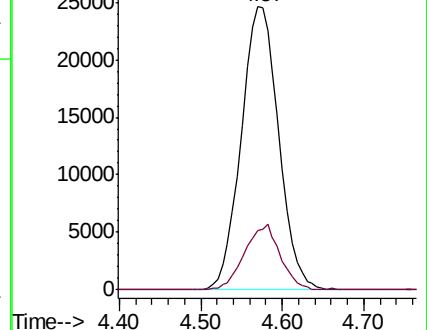
77 100

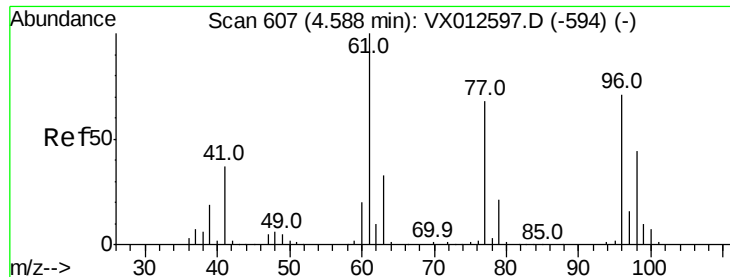
97 21.9 10.9 32.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



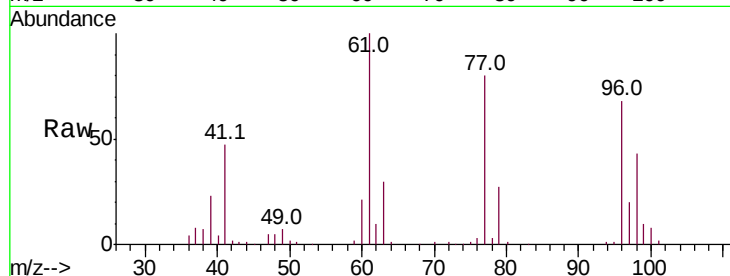


#27

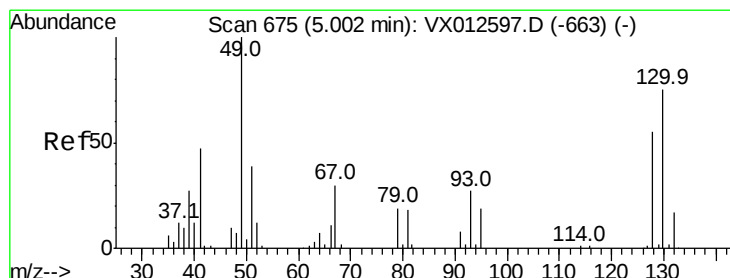
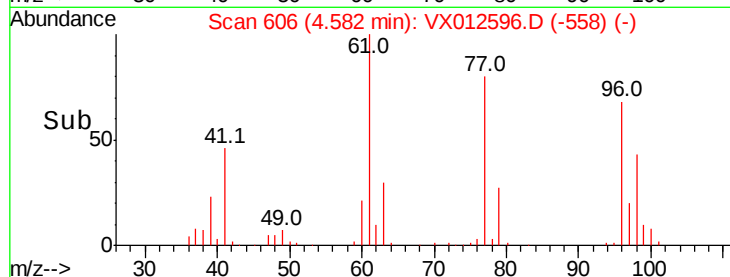
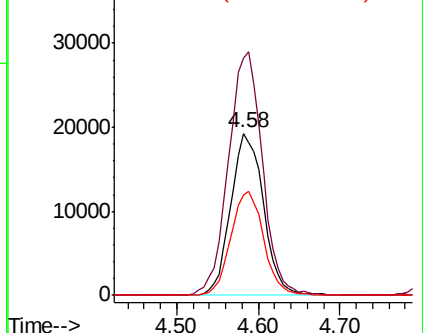
cis-1,2-Dichloroethene
 Concen: 26.629 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX012596.D
 Acq: 23 Sep 2019 10:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 96 Resp: 53368
 Ion Ratio Lower Upper
 96 100
 61 156.2 0.0 303.8
 98 64.5 0.0 127.6



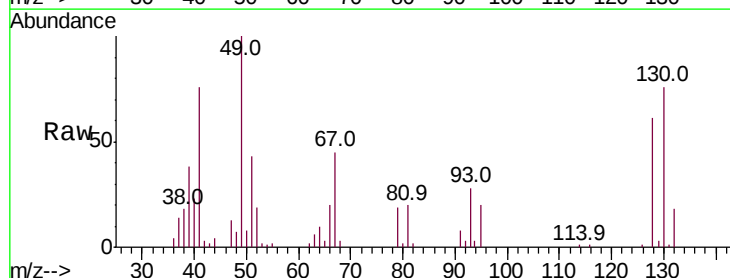
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



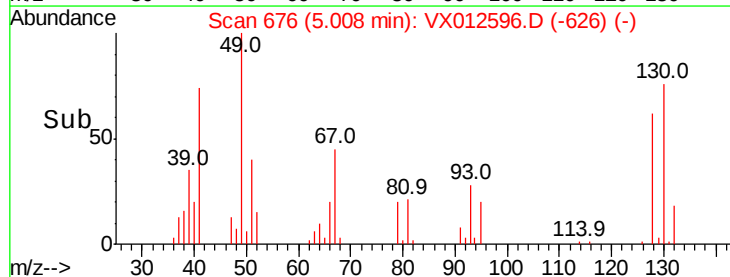
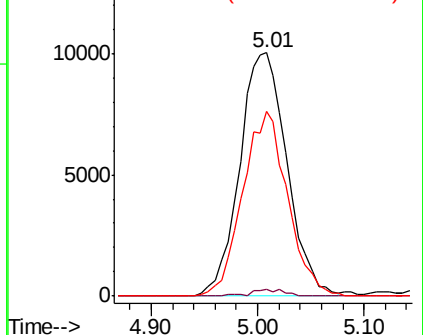
#28

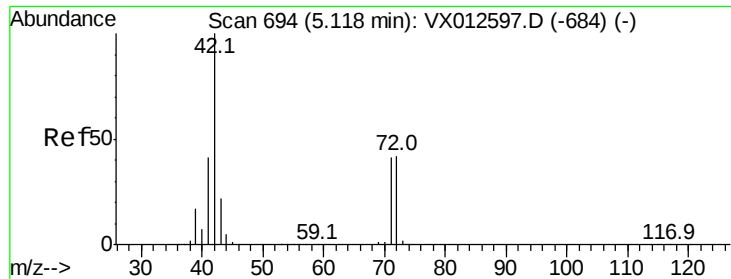
Bromochloromethane
 Concen: 18.960 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX012596.D
 Acq: 23 Sep 2019 10:56

Tgt Ion: 49 Resp: 31065
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 72.5 57.0 85.6



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: 120.888 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

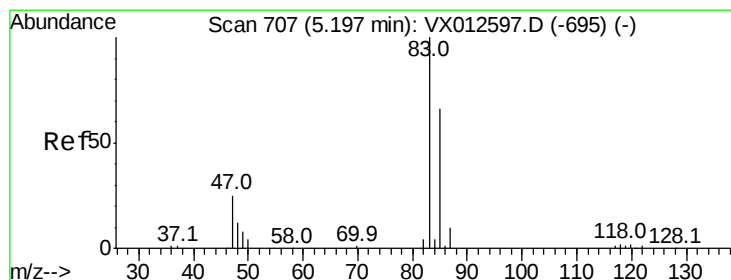
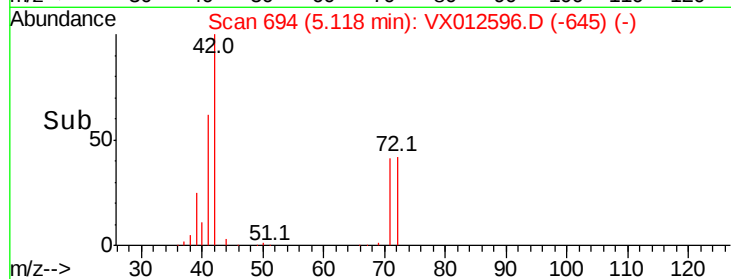
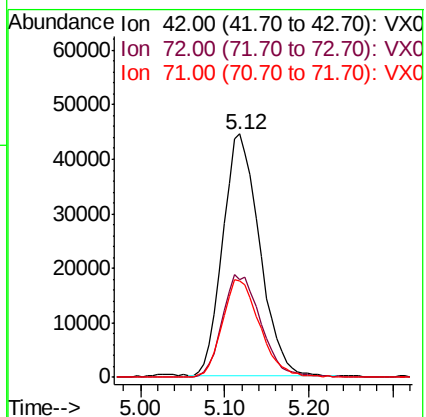
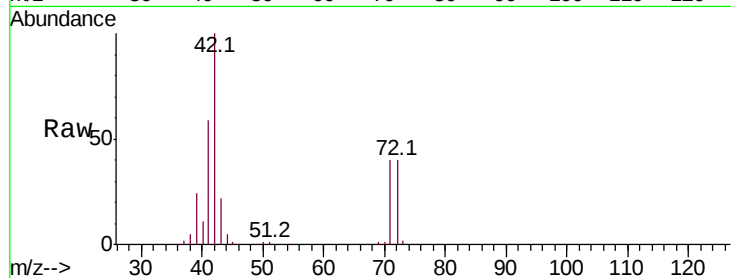
Tot Ion: 42 Resp: 132368

Ion Ratio Lower Upper

42 100

72 44.8 34.6 51.8

71 41.3 32.6 48.8



#30

Chloroform

Concen: 23.561 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX012596.D

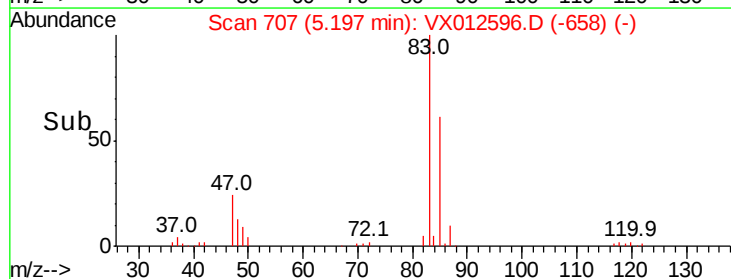
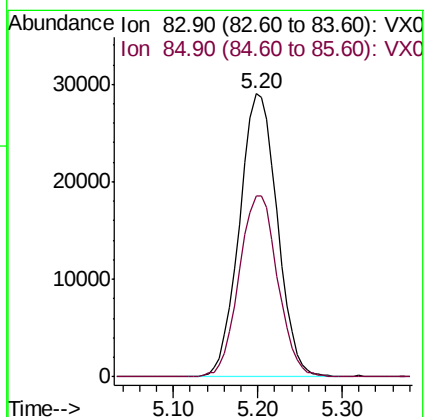
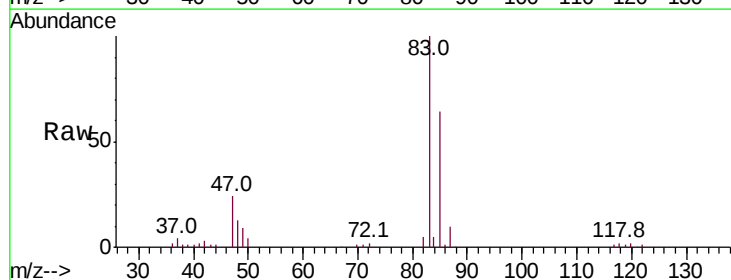
Acq: 23 Sep 2019 10:56

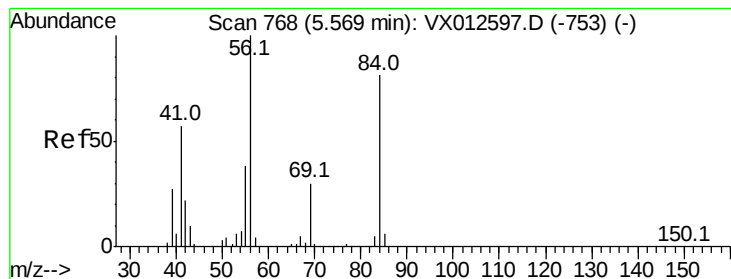
Tgt Ion: 83 Resp: 88350

Ion Ratio Lower Upper

83 100

85 64.0 52.6 78.8





#31

Cyclohexane

Concen: 34.940 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :

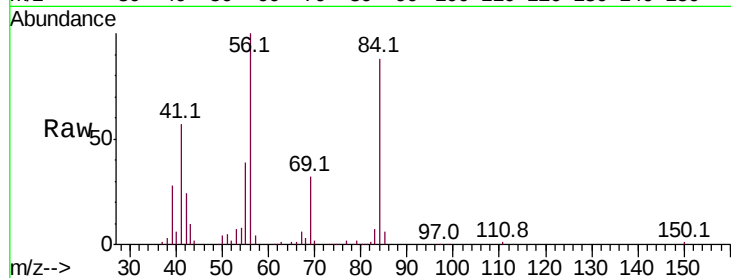
Tot Ion: 56 Resp: 79468

Ion Ratio Lower Upper

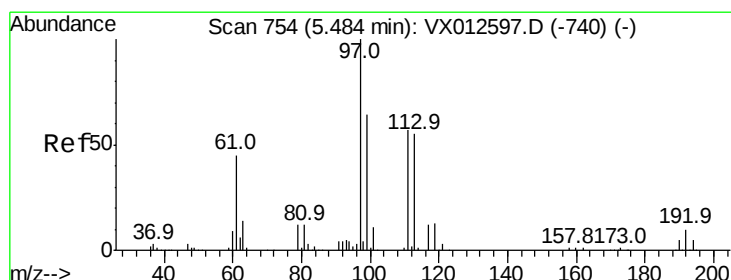
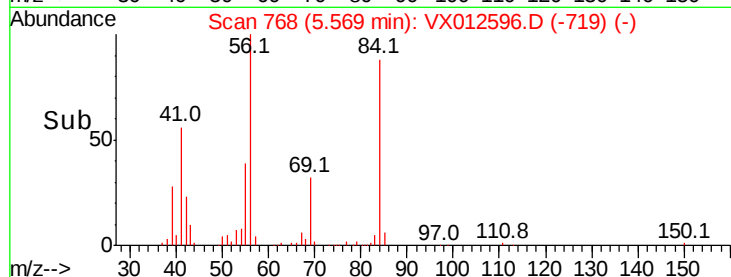
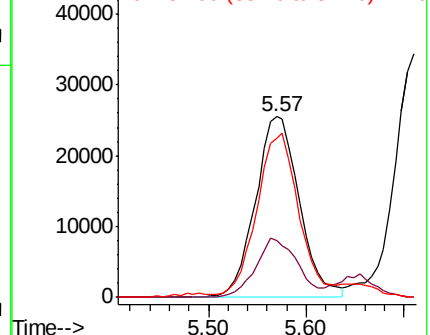
56 100

69 31.7 24.3 36.5

84 86.5 65.0 97.6



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



#32

1,1,1-Trichloroethane

Concen: 25.131 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

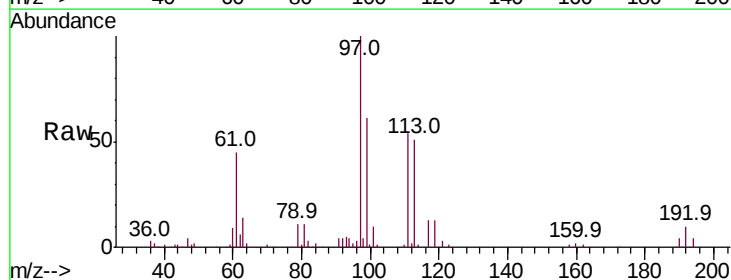
Tgt Ion: 97 Resp: 79628

Ion Ratio Lower Upper

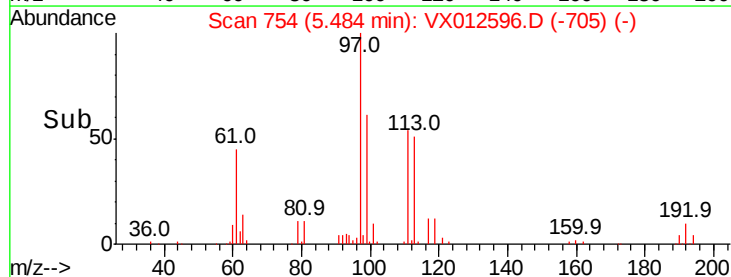
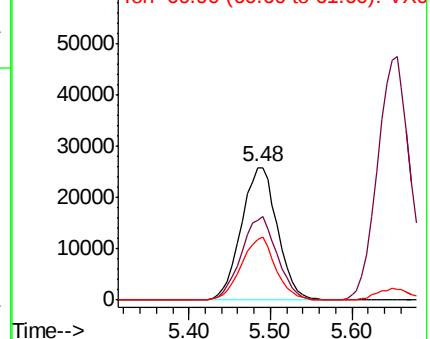
97 100

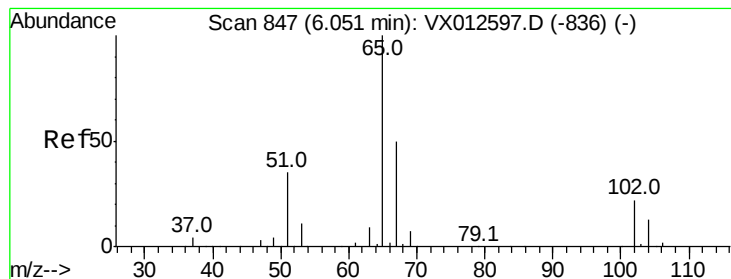
99 62.6 51.3 76.9

61 45.2 35.5 53.3



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





#33

1,2-Dichloroethane-d4

Concen: 19.236 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :

MSVOA_X

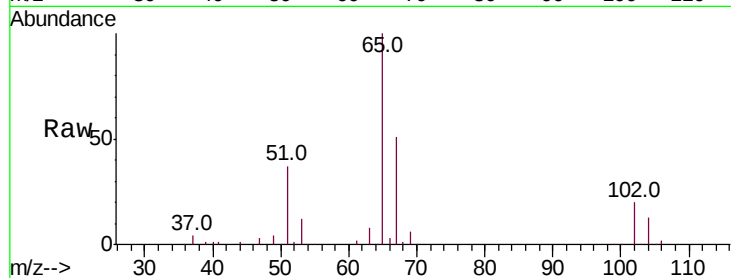
ClientSampled :

Tot Ion: 65 Resp: 54247

Ion Ratio Lower Upper

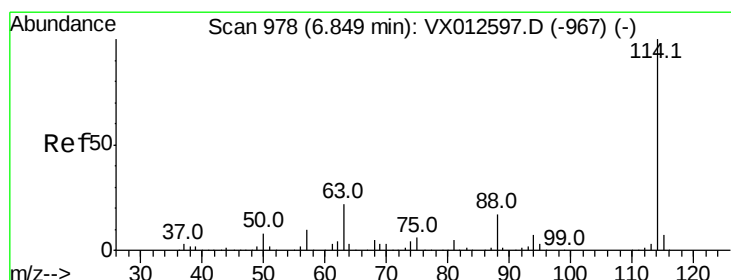
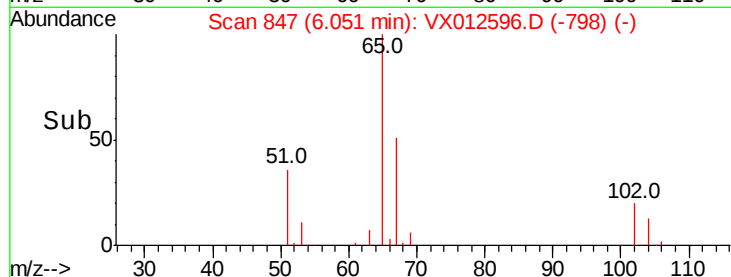
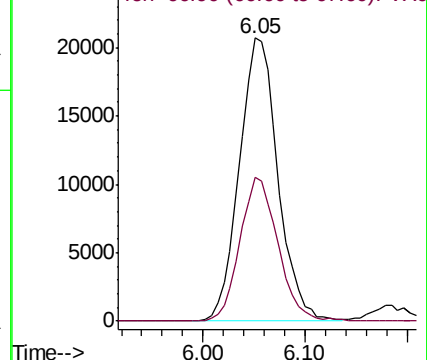
65 100

67 50.1 0.0 103.0



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: VX012596.D

Acq: 23 Sep 2019 10:56

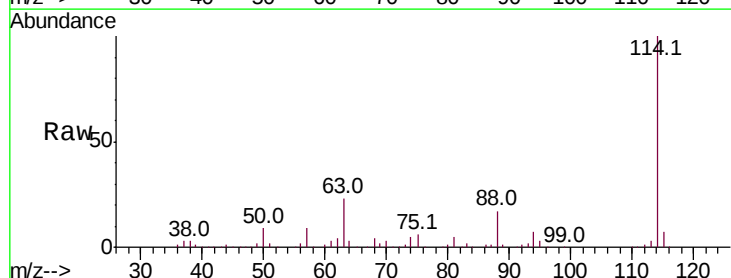
Tgt Ion:114 Resp: 343190

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.4

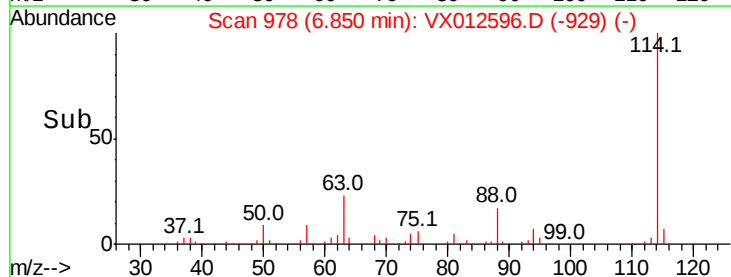
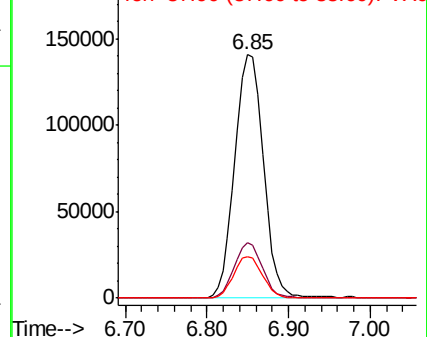
88 17.0 0.0 33.2

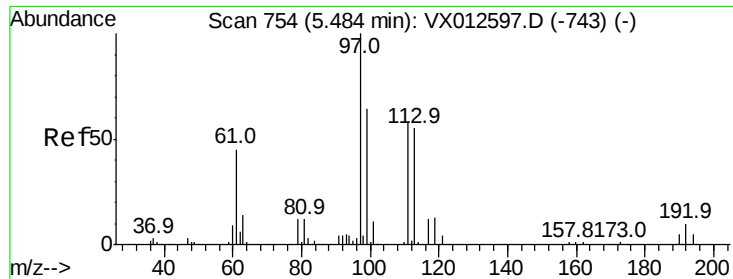


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

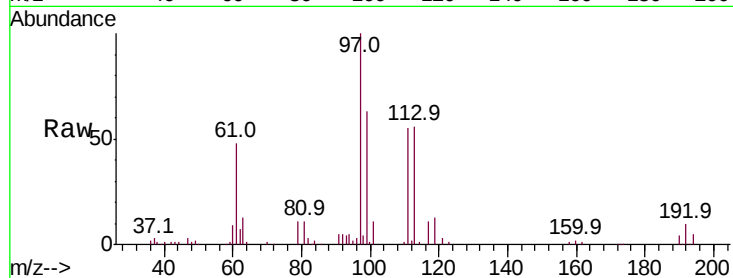




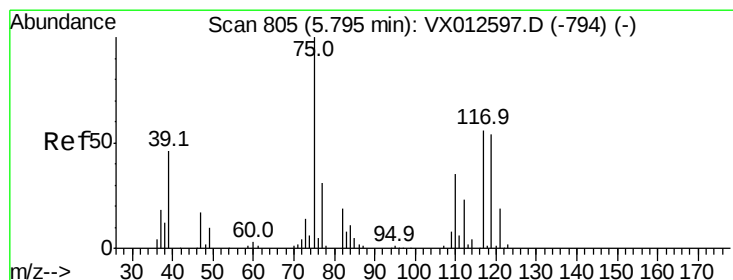
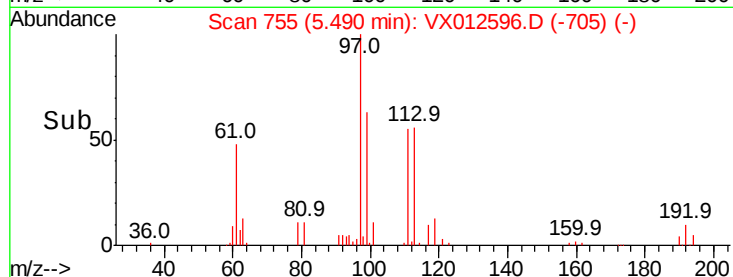
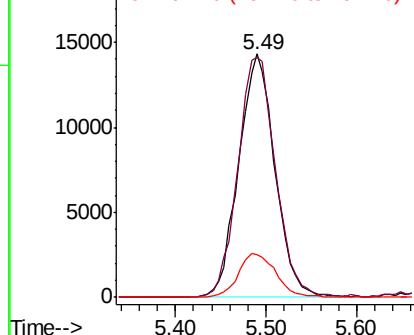
#35
 Dibromofluoromethane
 Concen: 18.986 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX012596.D
 Acq: 23 Sep 2019 10:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 39569
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.8 122.6
 192 18.6 14.5 21.7

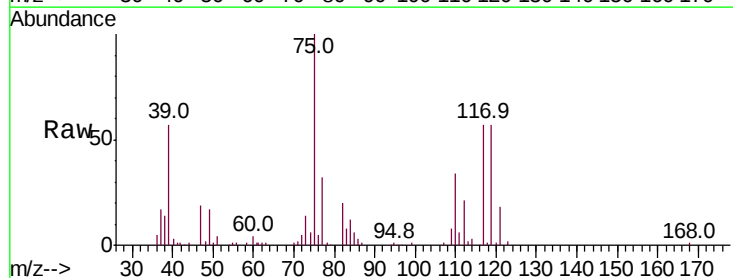


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

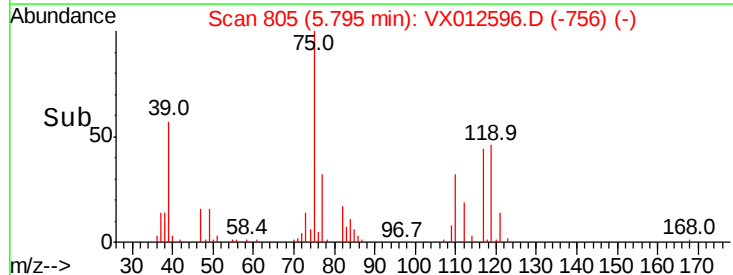
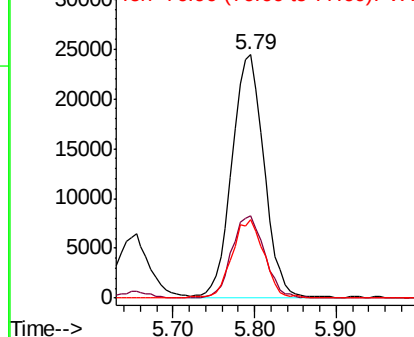


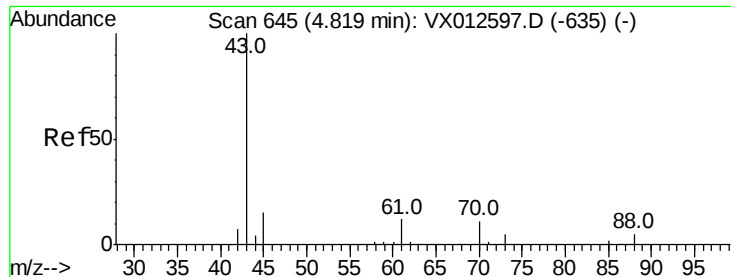
#36
 1,1-Dichloropropene
 Concen: 29.936 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX012596.D
 Acq: 23 Sep 2019 10:56

Tgt Ion: 75 Resp: 66779
 Ion Ratio Lower Upper
 75 100
 110 34.3 17.6 52.8
 77 32.3 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

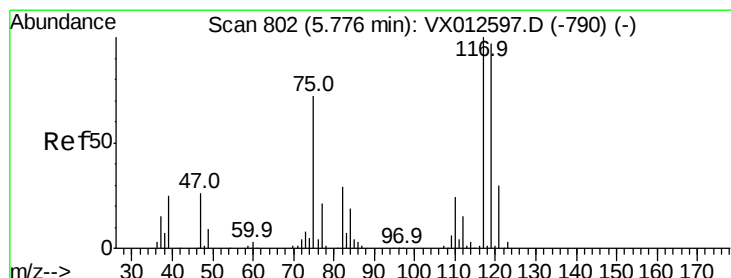
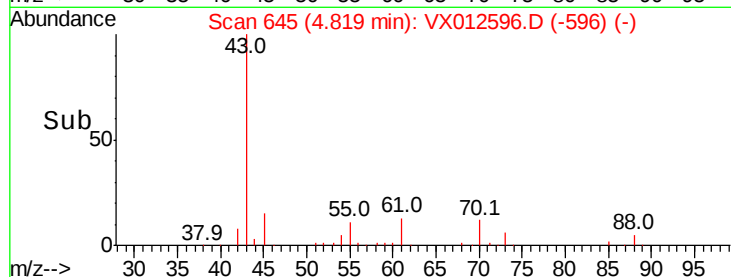
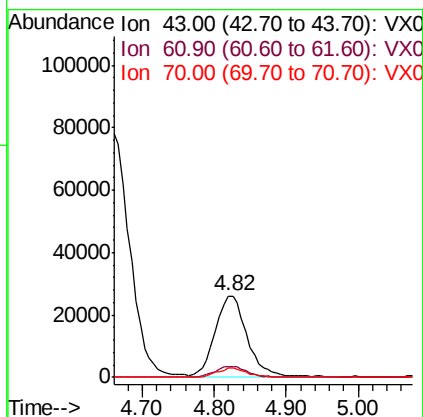
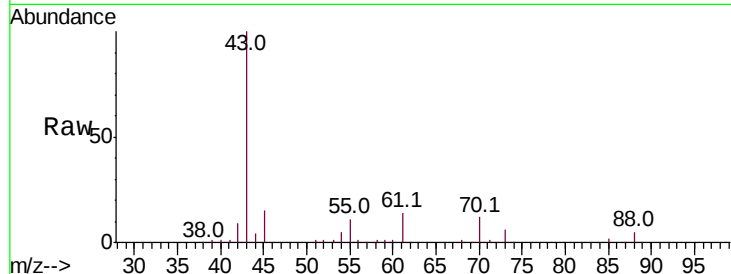




#37
Ethyl Acetate
Concen: 24.457 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

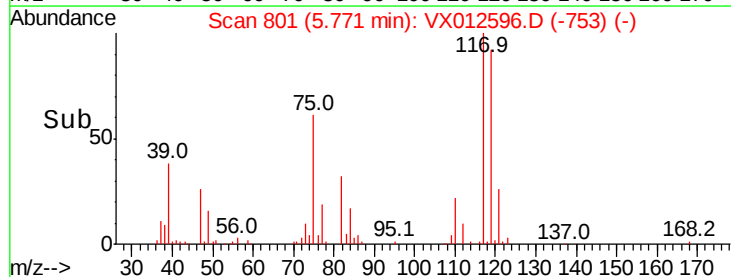
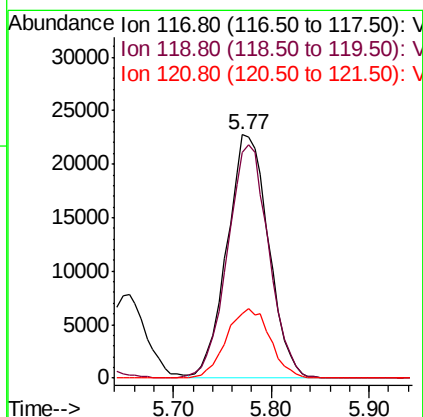
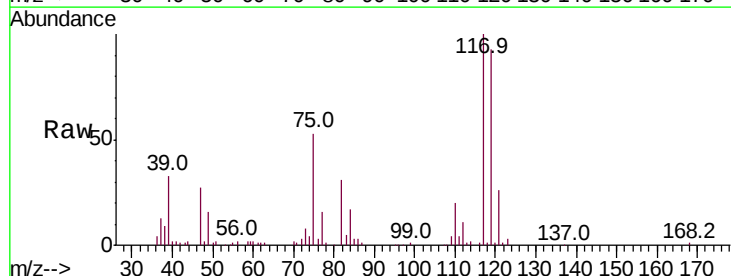
Instrument :
MSVOA_X
ClientSampled :

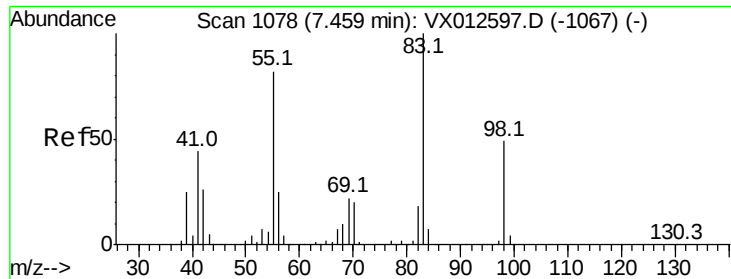
Tot Ion: 43 Resp: 79178
Ion Ratio Lower Upper
43 100
61 13.7 10.8 16.2
70 11.1 9.0 13.6



#38
Carbon Tetrachloride
Concen: 25.045 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

Tgt Ion: 117 Resp: 67065
Ion Ratio Lower Upper
117 100
119 92.6 77.1 115.7
121 26.5 23.7 35.5

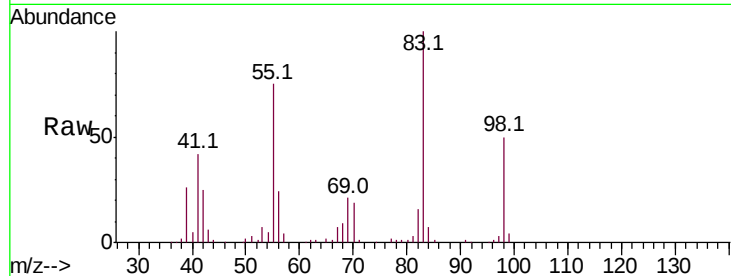




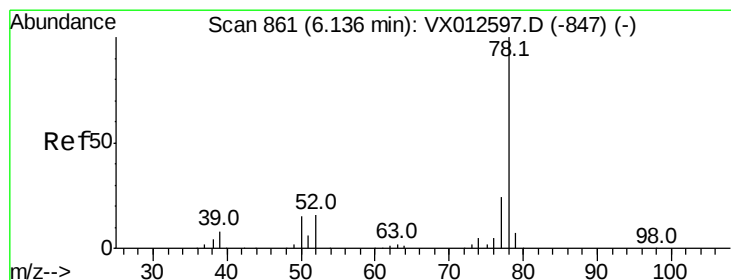
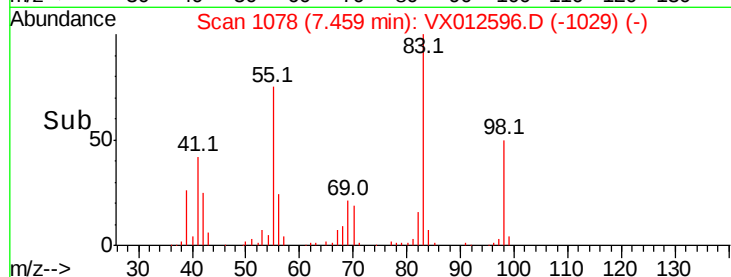
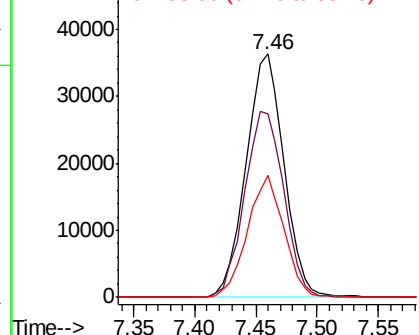
#39
Methvlcvclohexane
Concen: 34.508 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 78408
Ion Ratio Lower Upper
83 100
55 75.1 65.6 98.4
98 50.1 39.4 59.0

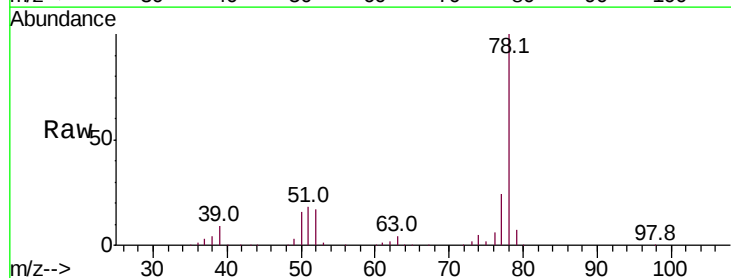


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

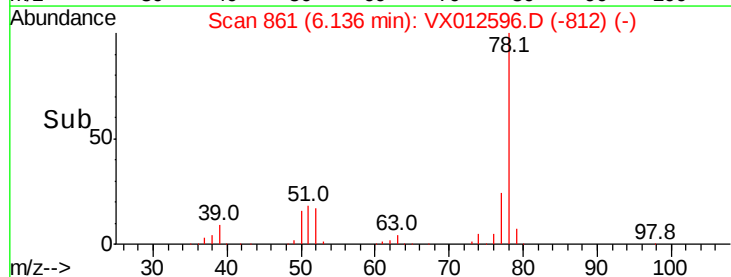
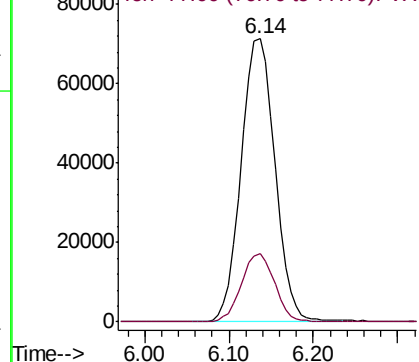


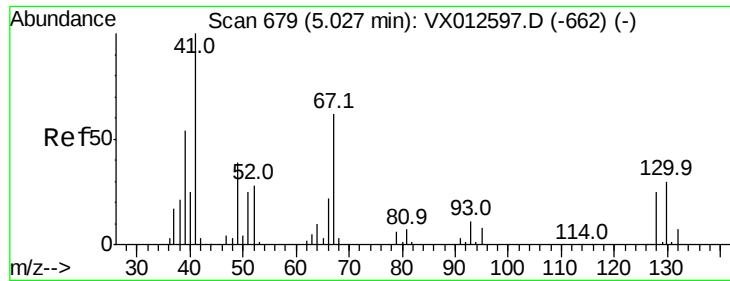
#40
Benzene
Concen: 27.607 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

Tgt Ion: 78 Resp: 193667
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

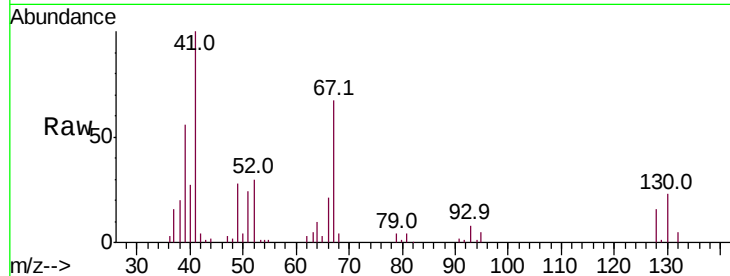




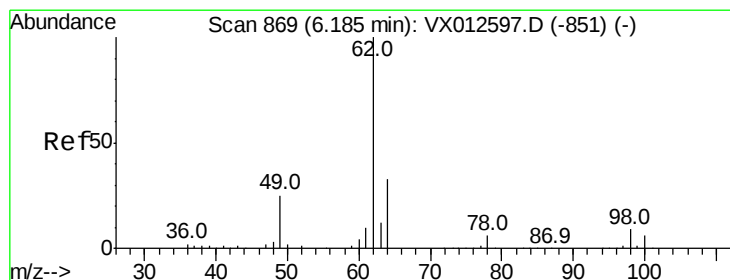
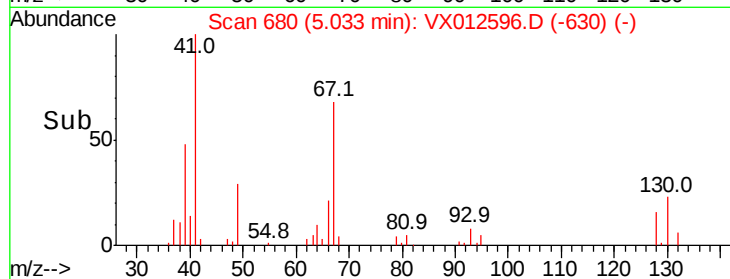
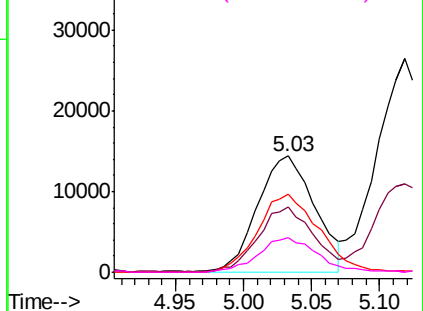
#41
Methacrylonitrile
Concen: 20.357 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 41834
Ion Ratio Lower Upper
41 100
39 55.3 44.2 66.4
67 72.6 55.2 82.8
52 31.2 22.9 34.3

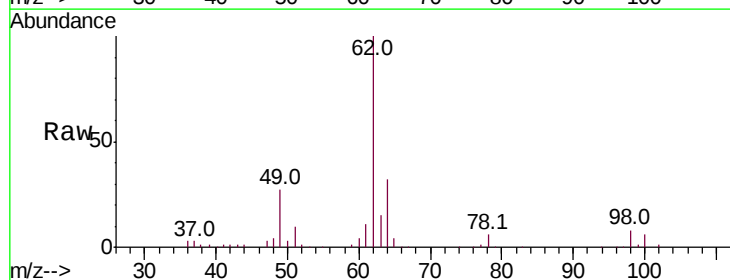


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

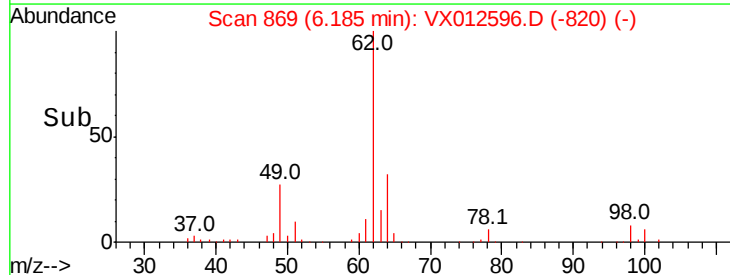
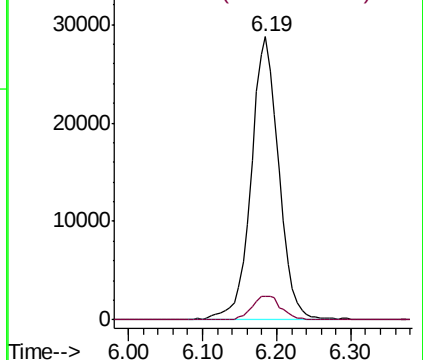


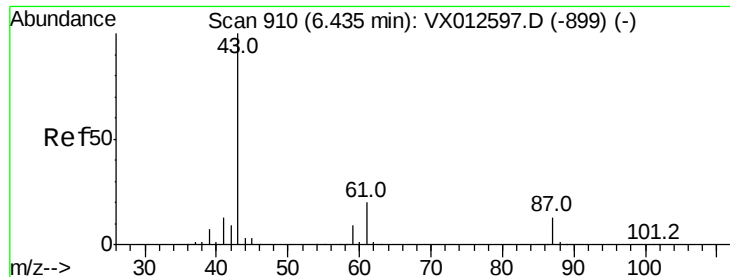
#42
1,2-Dichloroethane
Concen: 23.838 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

Tgt Ion: 62 Resp: 74774
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.4



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



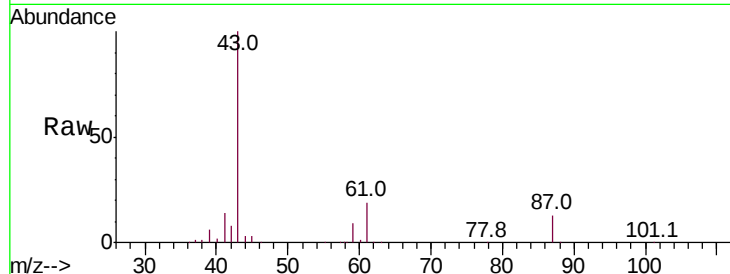


#43

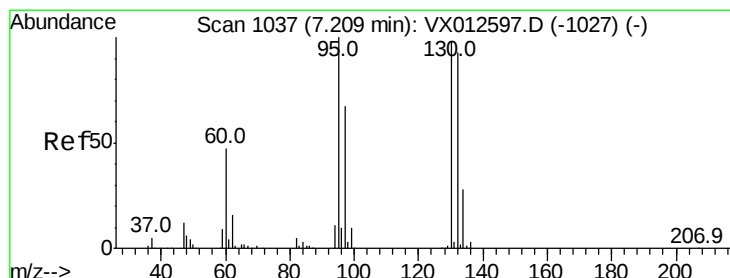
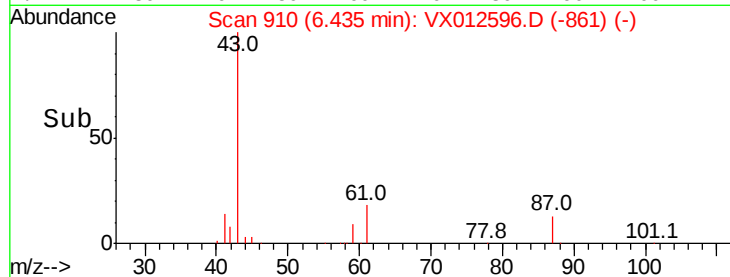
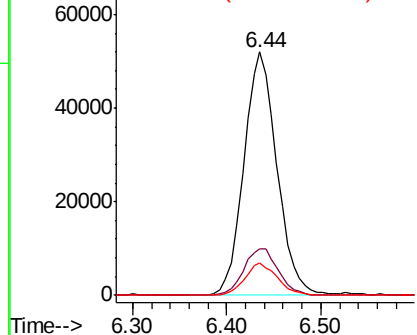
Isopropyl Acetate
 Concen: 22.109 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012596.D
 Acq: 23 Sep 2019 10:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.8	23.8
87	13.1	10.2	15.4



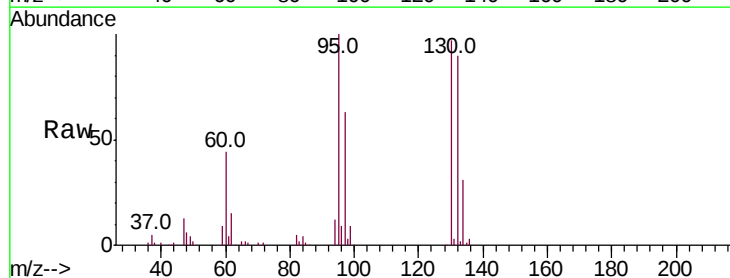
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



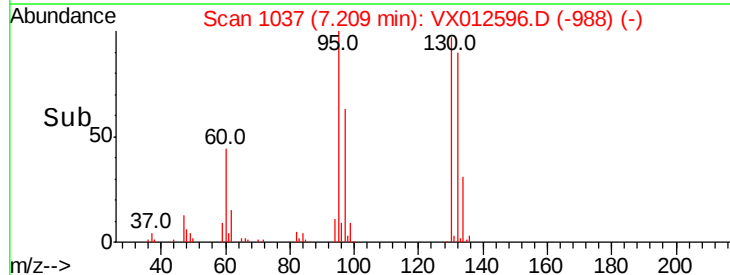
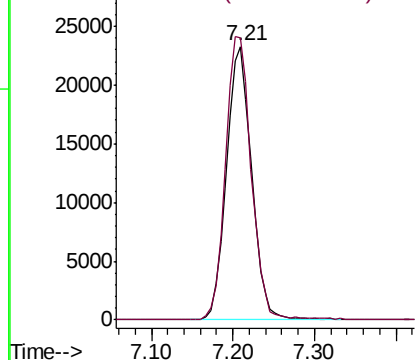
#44

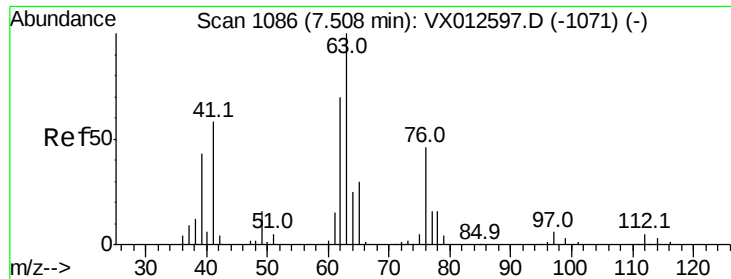
Trichloroethene
 Concen: 27.235 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX012596.D
 Acq: 23 Sep 2019 10:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	204.8



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





#45

1,2-Dichloropropane

Concen: 24.505 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :

MSVOA_X

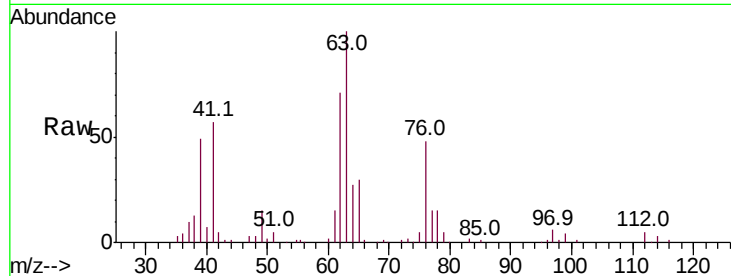
ClientSampleId :

Tot Ion: 63 Resp: 51049

Ion Ratio Lower Upper

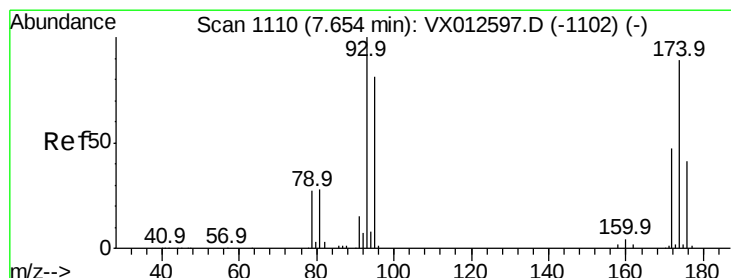
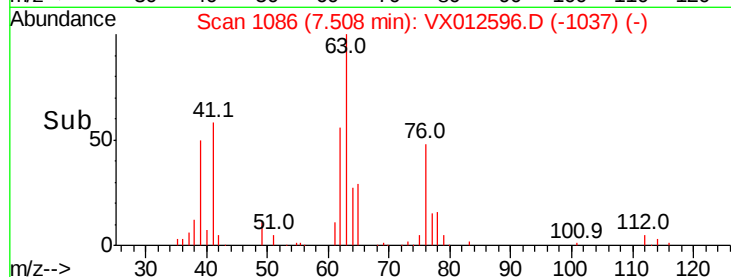
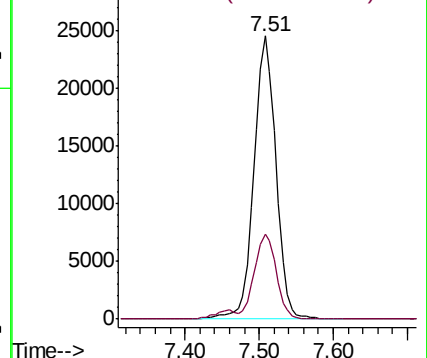
63 100

65 30.0 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 24.627 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

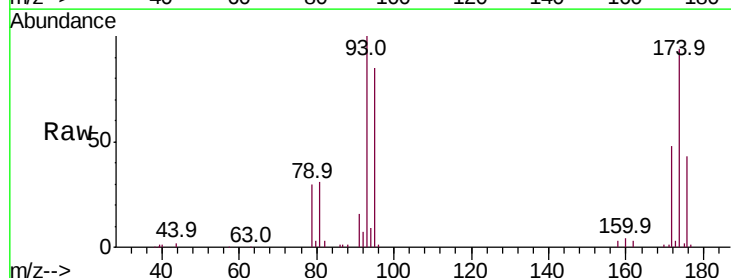
Tgt Ion: 93 Resp: 33428

Ion Ratio Lower Upper

93 100

95 83.0 65.4 98.0

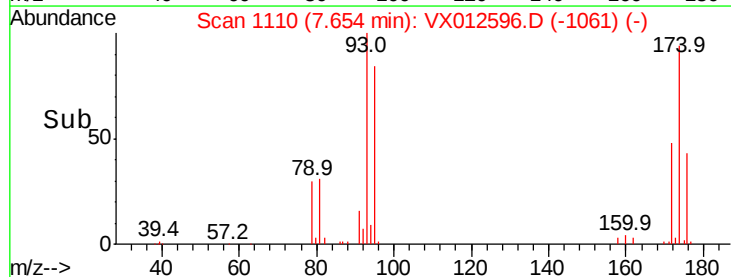
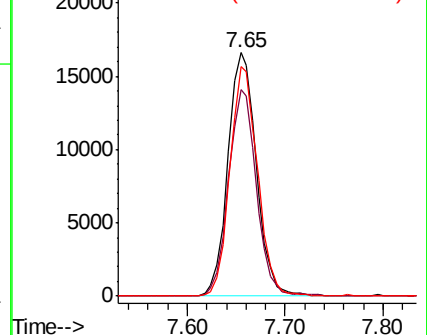
174 91.5 72.0 108.0

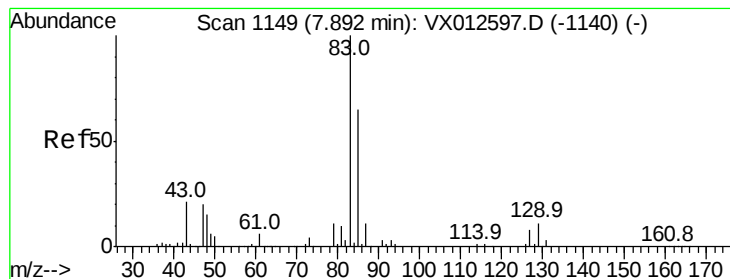


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 22.844 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

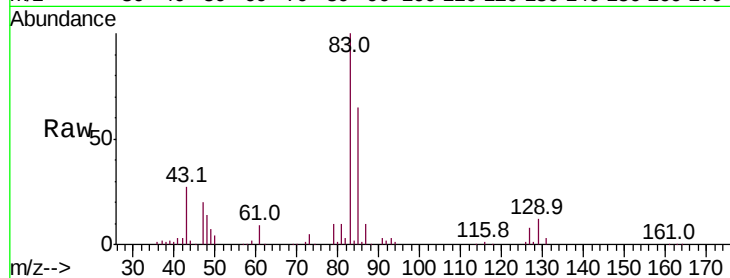
Tot Ion: 83 Resp: 67691

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6

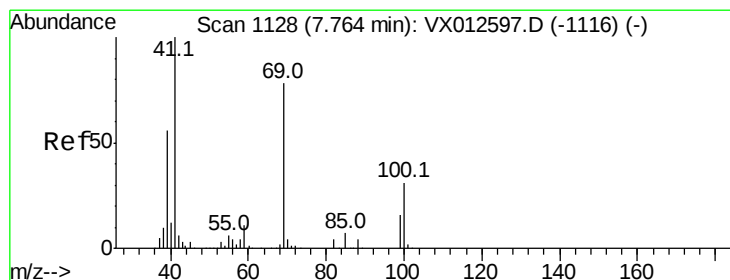
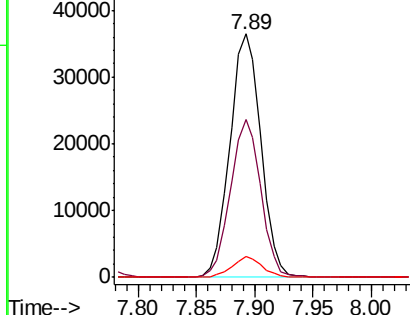
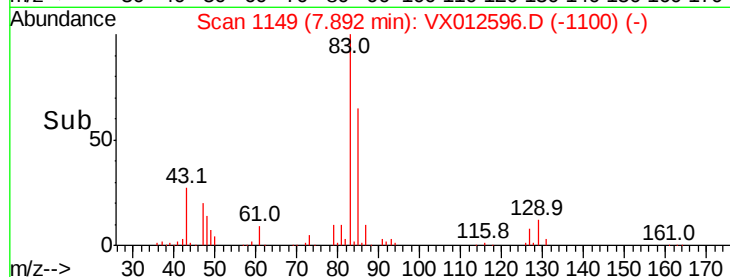
127 8.5 6.2 9.4



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: 22.533 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

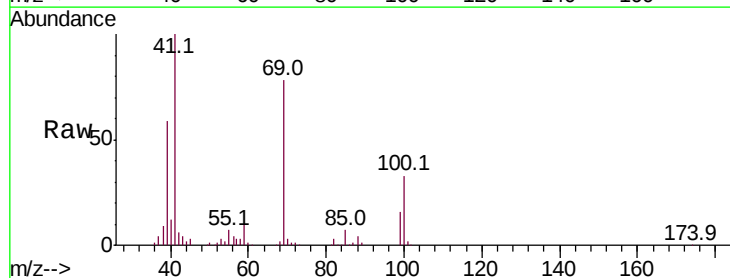
Tgt Ion: 41 Resp: 61519

Ion Ratio Lower Upper

41 100

69 80.4 62.6 93.8

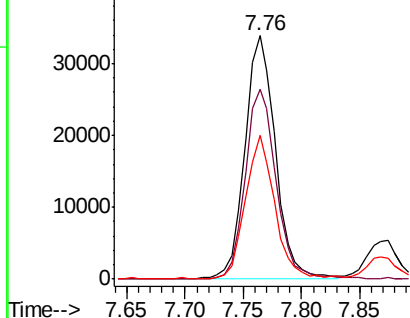
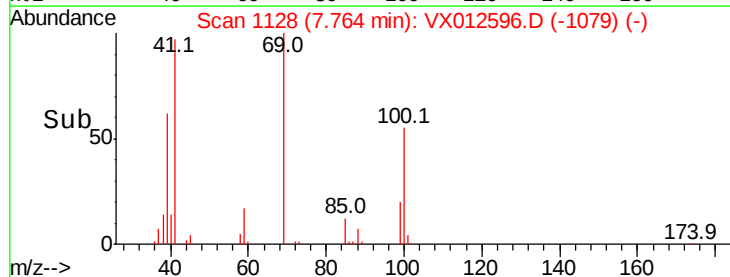
39 56.5 44.4 66.6

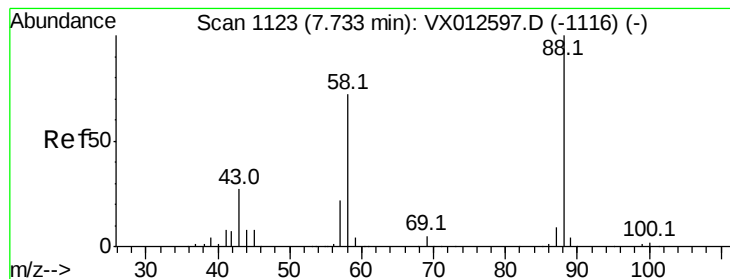


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 434.183 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :

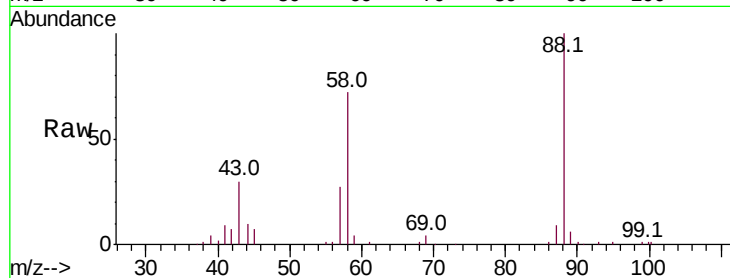
Tot Ion: 88 Resp: 28757

Ion	Ratio	Lower	Upper
88	100		
43	36.2	27.6	41.4
58	72.5	57.1	85.7

88 100

43 36.2 27.6 41.4

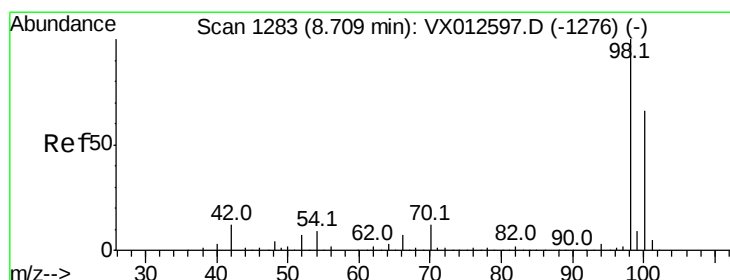
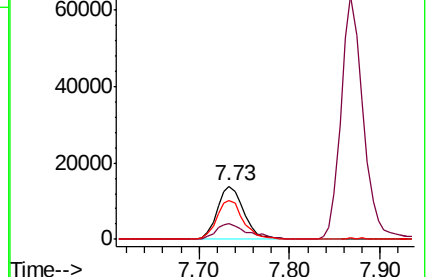
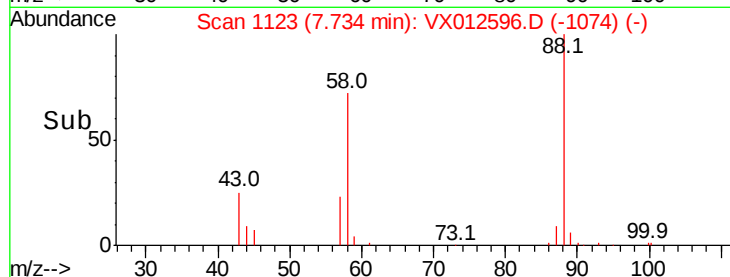
58 72.5 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 19.434 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012596.D

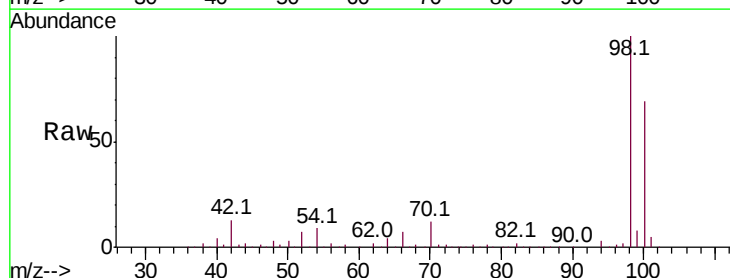
Acq: 23 Sep 2019 10:56

Tgt Ion: 98 Resp: 150752

Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.4	80.2

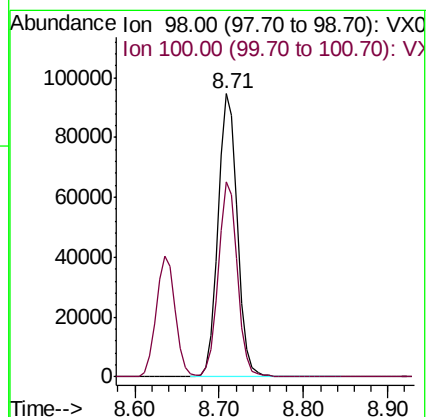
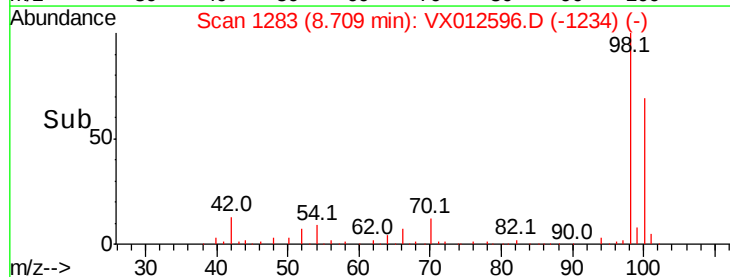
98 100

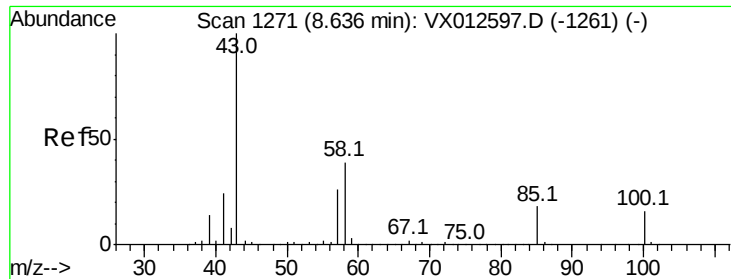
100 67.8 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 107.623 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :

MSVOA_X

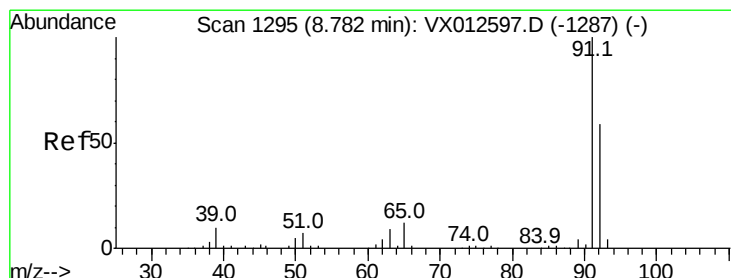
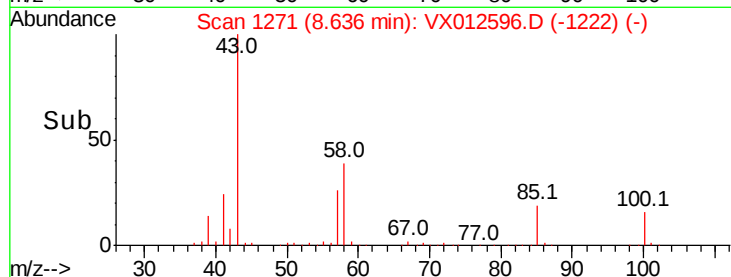
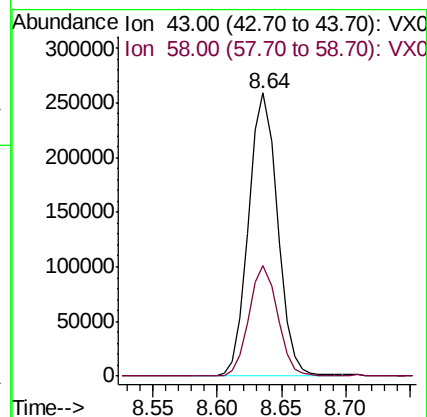
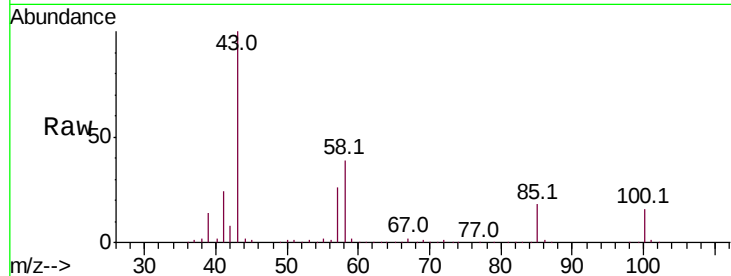
ClientSampled :

Tot Ion: 43 Resp: 402680

Ion Ratio Lower Upper

43 100

58 38.6 31.4 47.0



#52

Toluene

Concen: 27.370 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012596.D

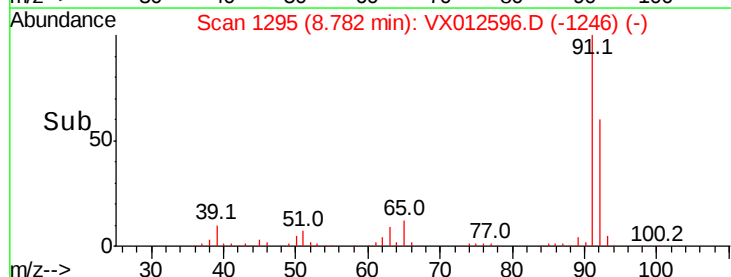
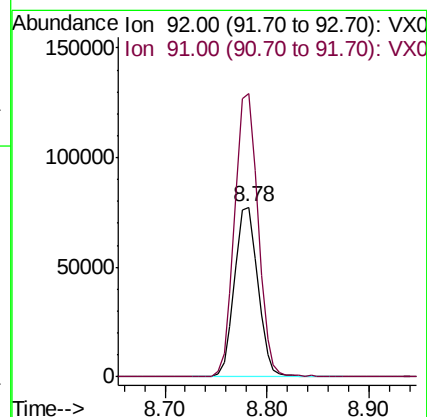
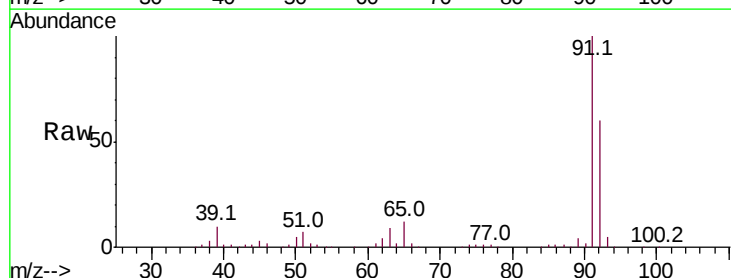
Acq: 23 Sep 2019 10:56

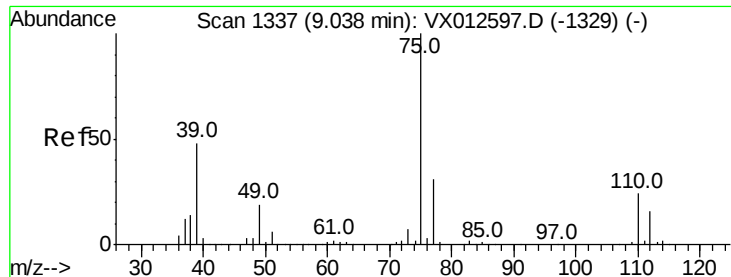
Tgt Ion: 92 Resp: 122933

Ion Ratio Lower Upper

92 100

91 167.3 134.2 201.4





#53

t-1,3-Dichloropropene

Concen: 24.068 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

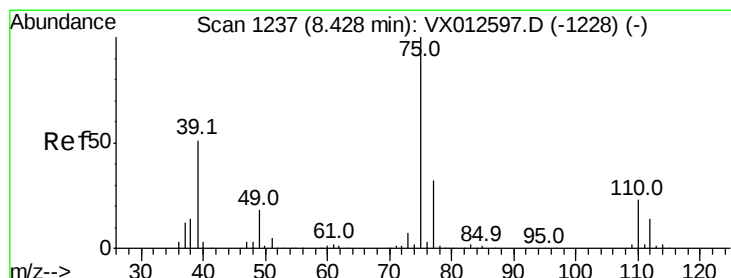
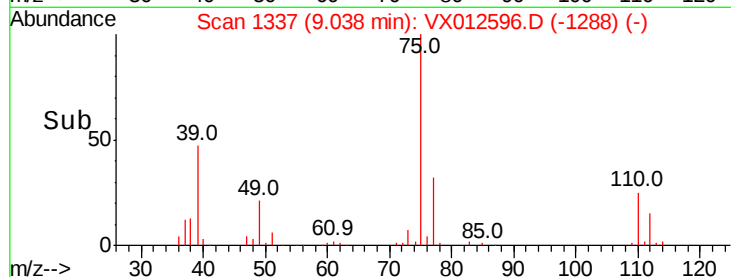
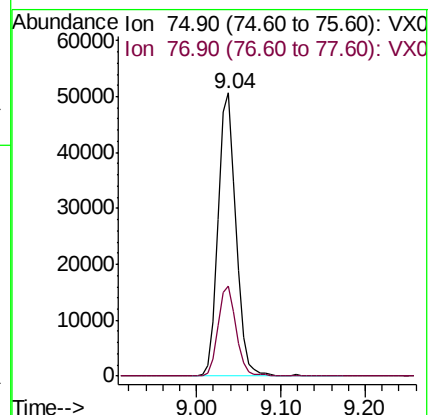
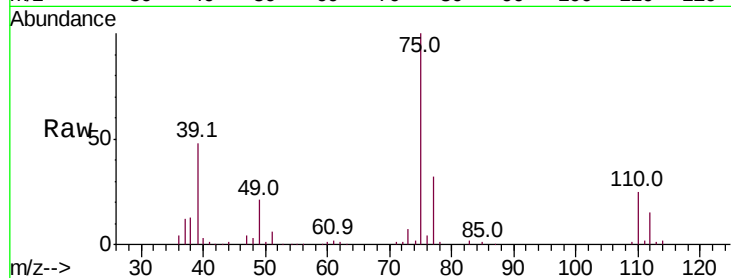
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 74884

Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 25.079 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

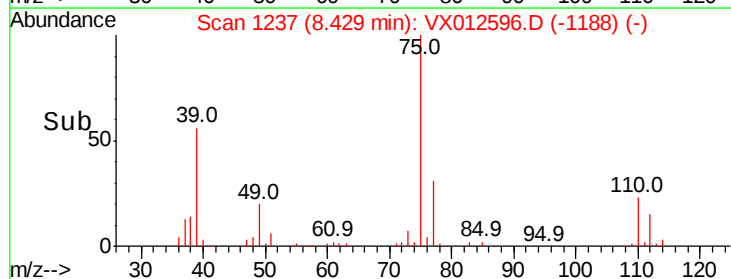
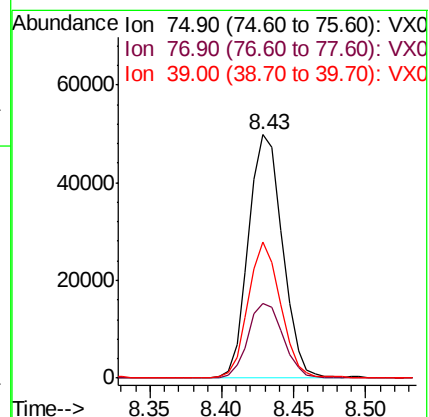
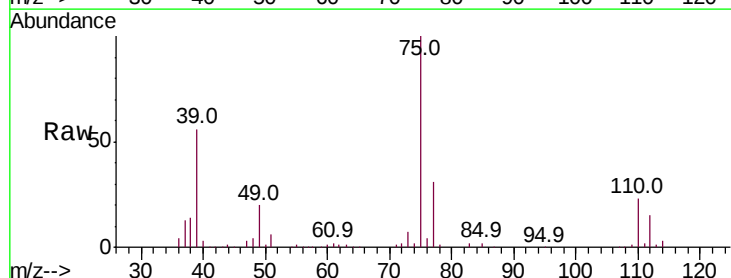
Tgt Ion: 75 Resp: 81554

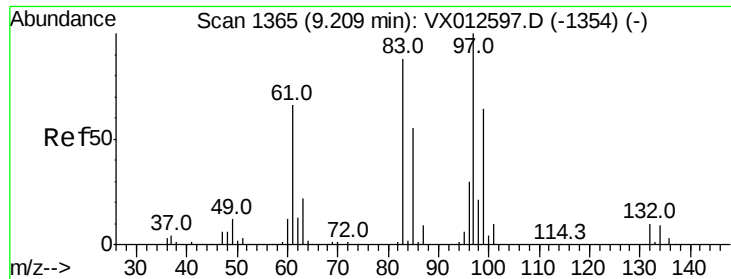
Ion Ratio Lower Upper

75 100

77 30.5 25.5 38.3

39 56.1 40.7 61.1

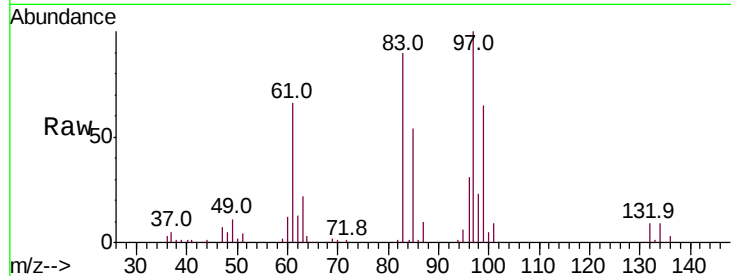




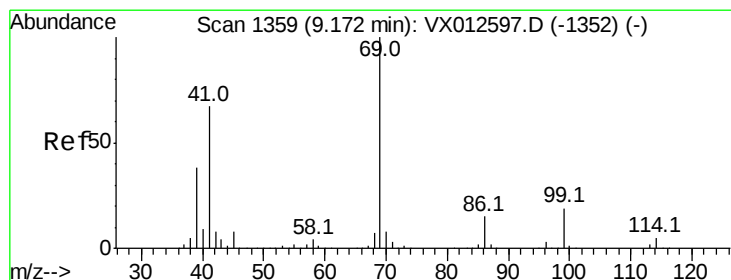
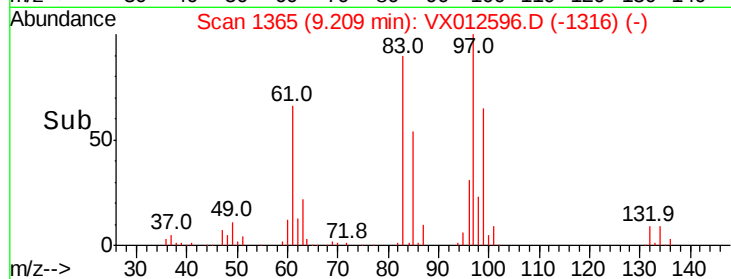
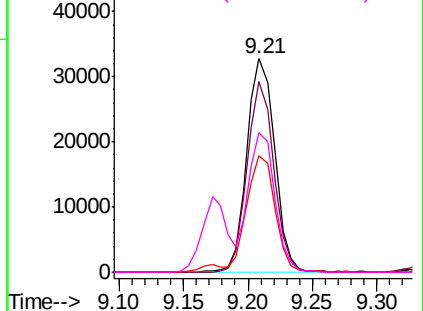
#55
 1,1,2-Trichloroethane
 Concen: 22.097 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012596.D
 Acq: 23 Sep 2019 10:56

Instrument :
 MSVOA_X
 ClientSampleID :

Tot Ion:	97	Resp:	48895
Ion	Ratio	Lower	Upper
97	100		
83	89.6	70.5	105.7
85	54.4	43.9	65.9
99	65.0	51.2	76.8

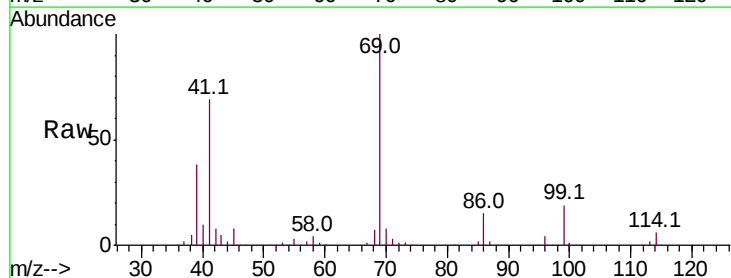


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

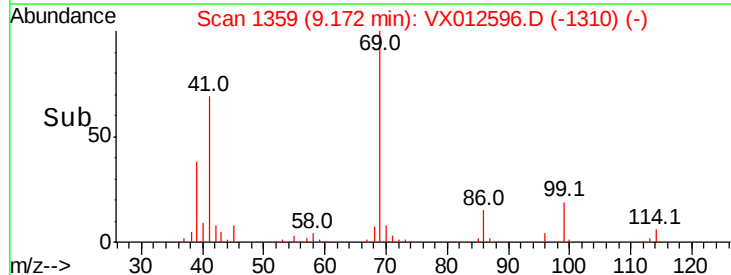
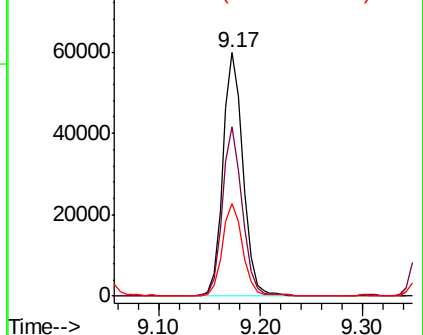


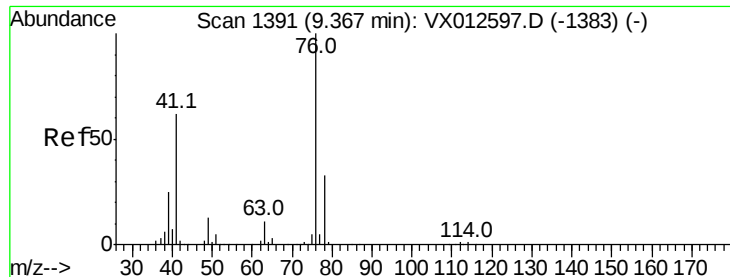
#56
 Ethyl methacrylate
 Concen: 23.484 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012596.D
 Acq: 23 Sep 2019 10:56

Tgt Ion:	69	Resp:	82181
Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.7	82.1
39	37.9	30.6	46.0



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





#57

1,3-Dichloropropane

Concen: 24.117 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :

MSVOA_X

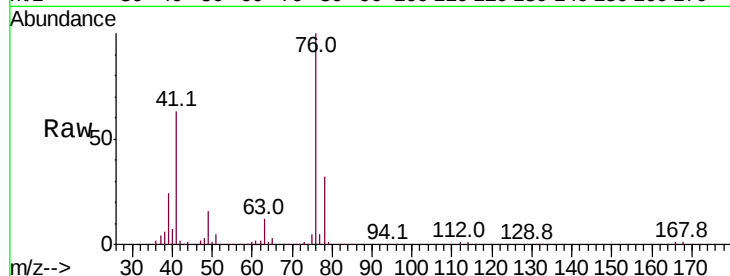
ClientSampleId :

Tot Ion: 76 Resp: 86101

Ion Ratio Lower Upper

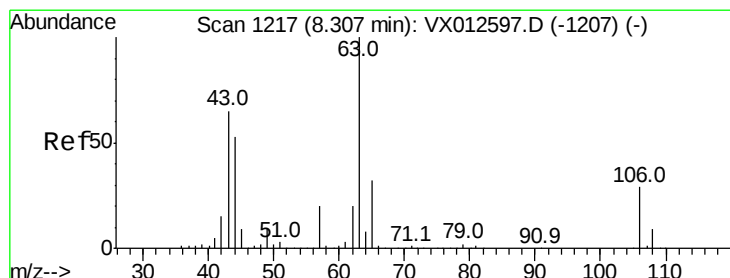
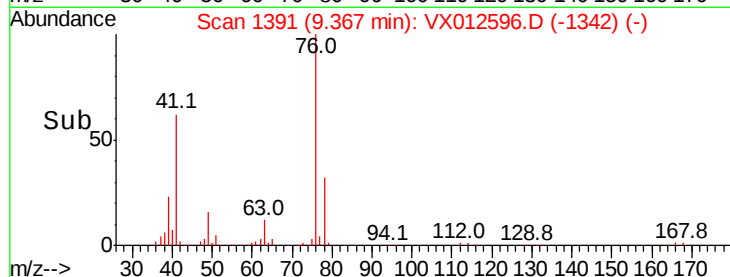
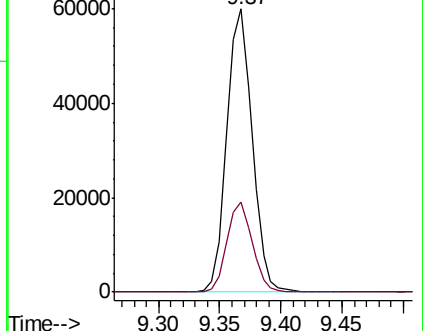
76 100

78 31.8 26.0 39.0



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: 104.964 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012596.D

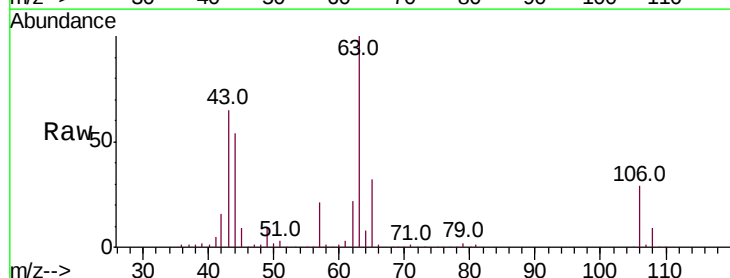
Acq: 23 Sep 2019 10:56

Tgt Ion: 63 Resp: 187915

Ion Ratio Lower Upper

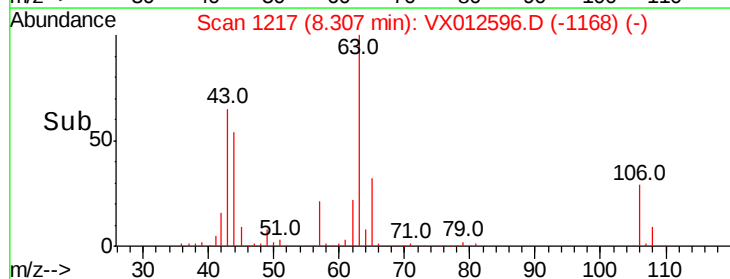
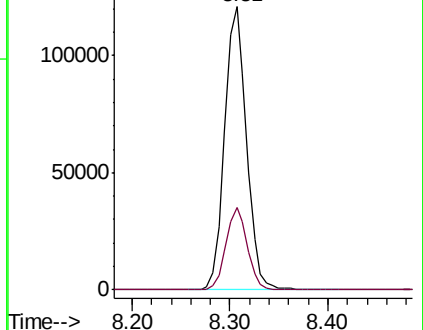
63 100

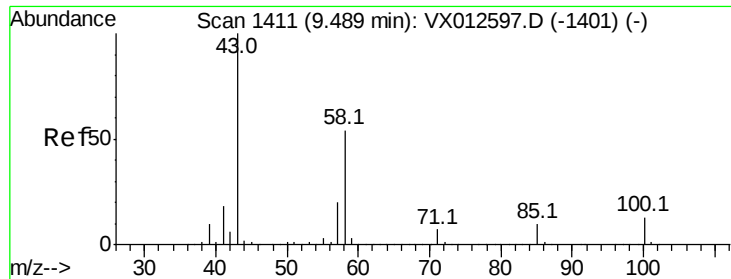
106 28.4 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

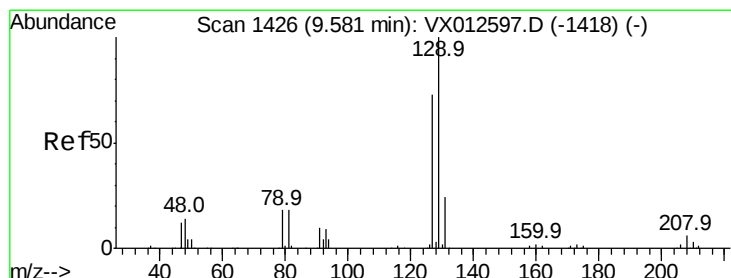
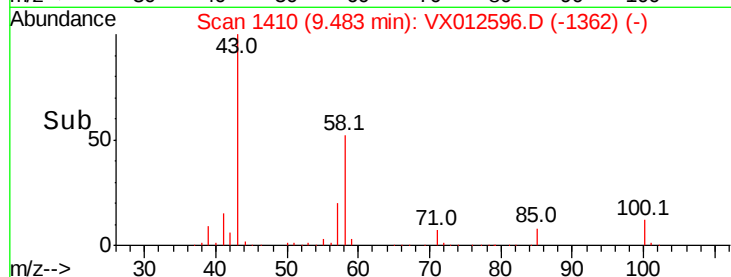
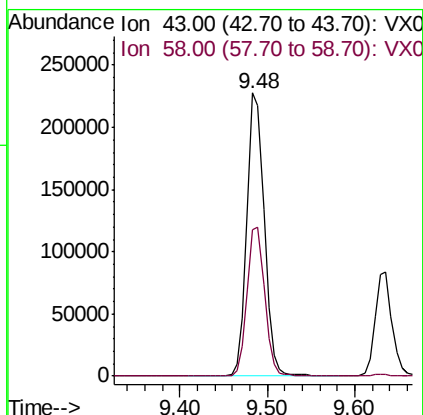
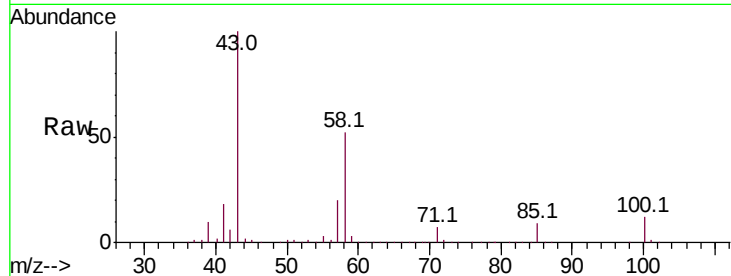




#59
2-Hexanone
Concen: 108.084 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

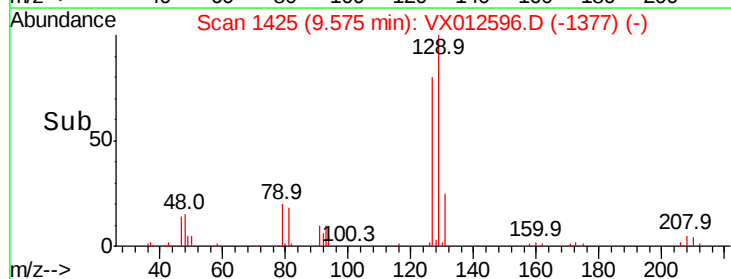
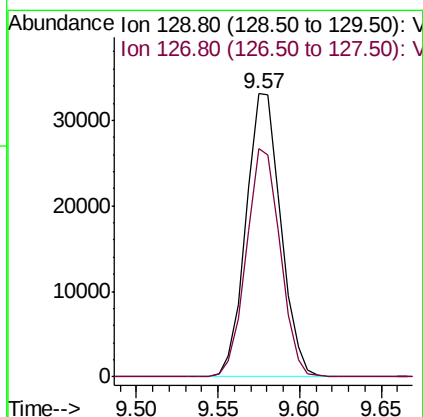
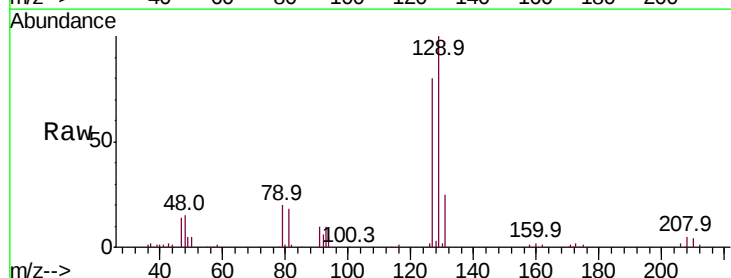
Instrument :
MSVOA_X
ClientSampled :

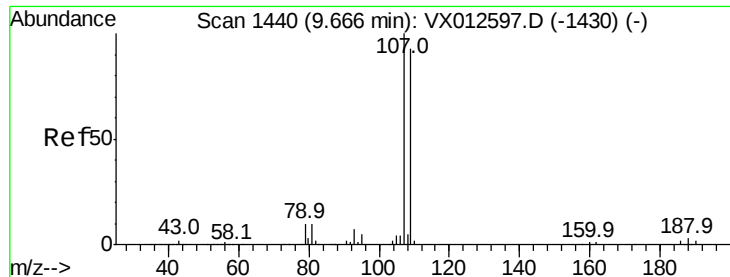
Tot Ion: 43 Resp: 315863
Ion Ratio Lower Upper
43 100
58 53.0 26.8 80.4



#60
Dibromochloromethane
Concen: 22.091 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

Tgt Ion: 129 Resp: 49483
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.7

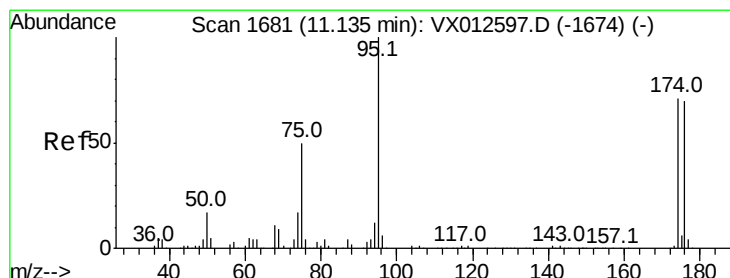
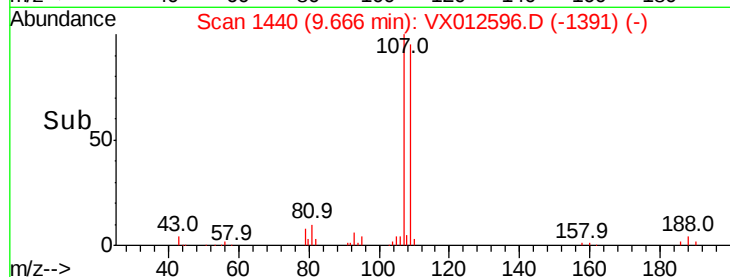
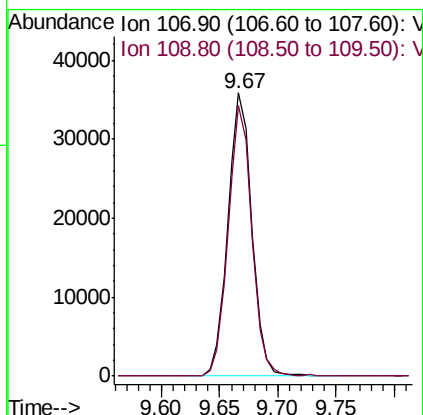
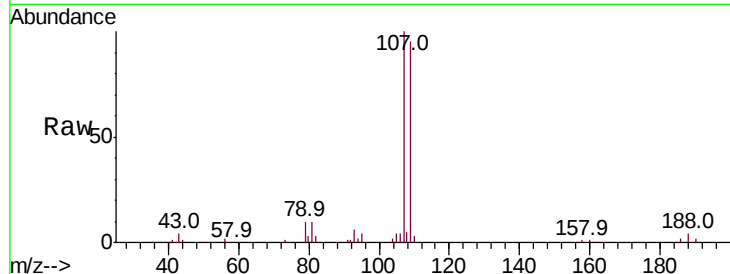




#61
 1,2-Dibromoethane
 Concen: 24.946 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX012596.D
 Acq: 23 Sep 2019 10:56

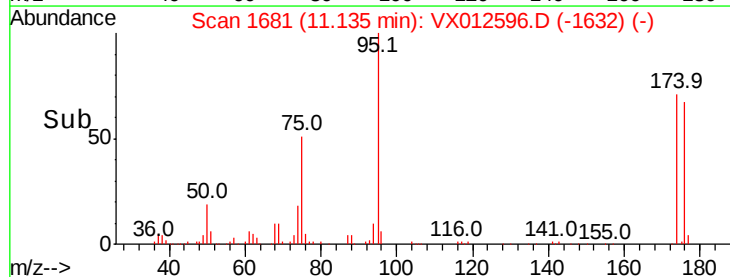
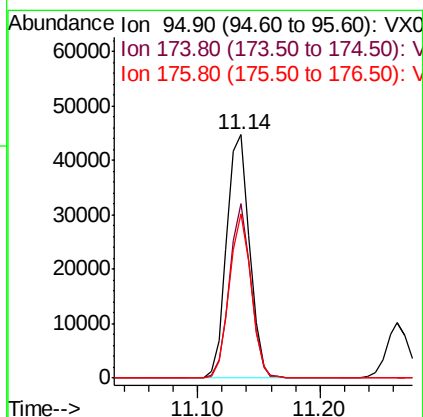
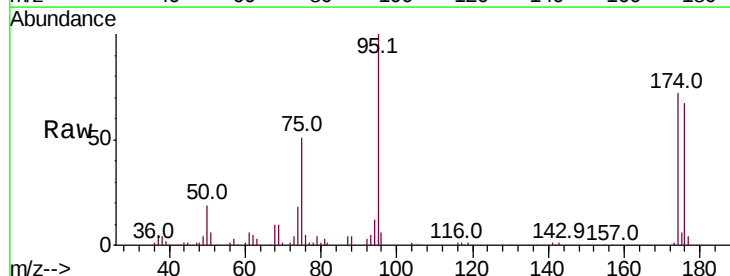
Instrument :
 MSVOA_X
 ClientSampleId :

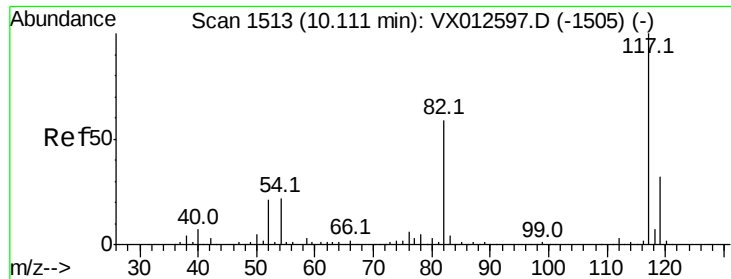
Tot Ion:107 Resp: 51285
 Ion Ratio Lower Upper
 107 100
 109 94.2 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 18.185 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX012596.D
 Acq: 23 Sep 2019 10:56

Tgt Ion: 95 Resp: 57954
 Ion Ratio Lower Upper
 95 100
 174 66.5 0.0 134.6
 176 63.7 0.0 132.2

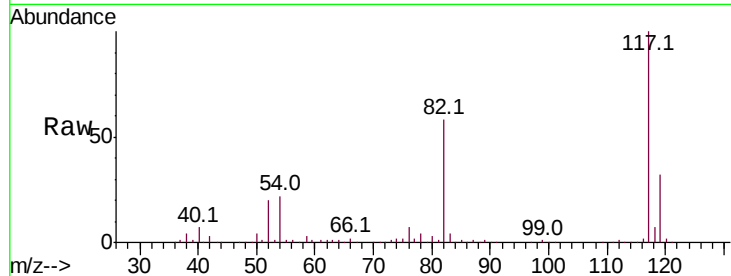




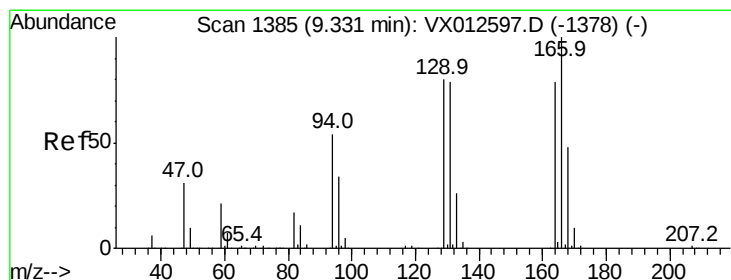
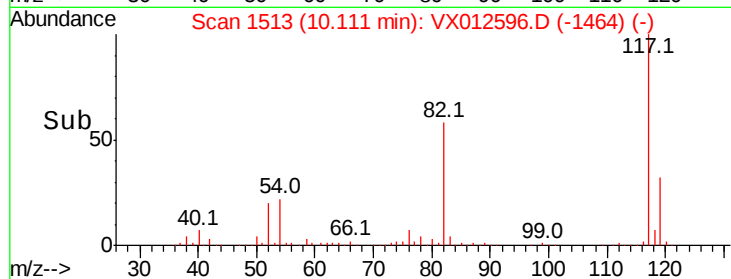
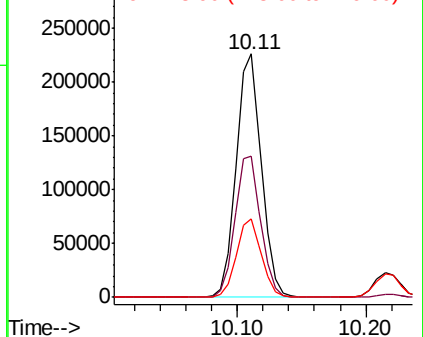
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 307540
Ion Ratio Lower Upper
117 100
82 57.8 47.0 70.4
119 32.3 25.8 38.6

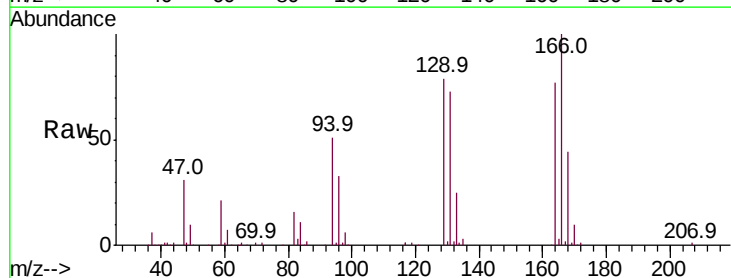


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

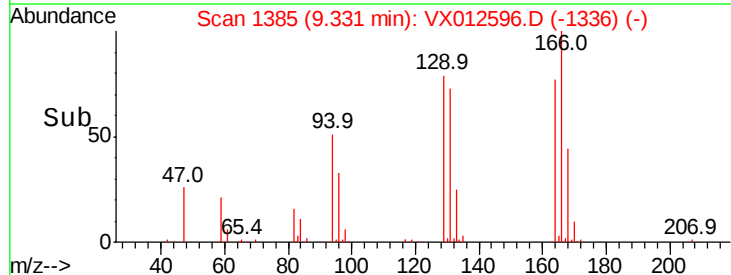
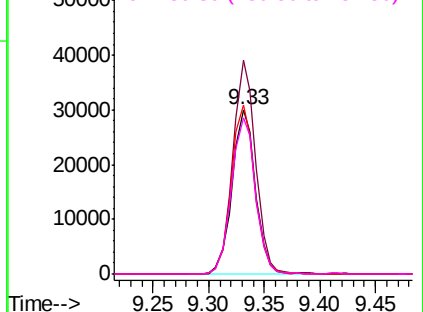


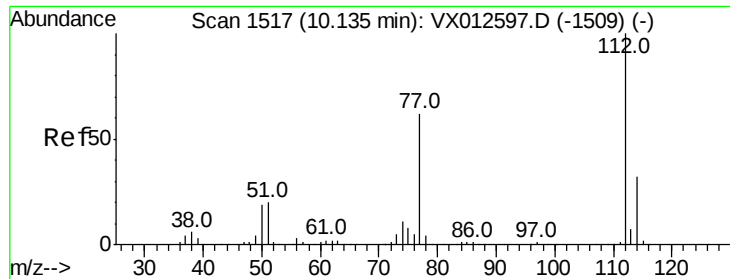
#64
Tetrachloroethene
Concen: 28.892 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

Tgt Ion:164 Resp: 43335
Ion Ratio Lower Upper
164 100
166 130.2 101.3 151.9
129 102.7 81.1 121.7
131 95.3 80.0 120.0



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

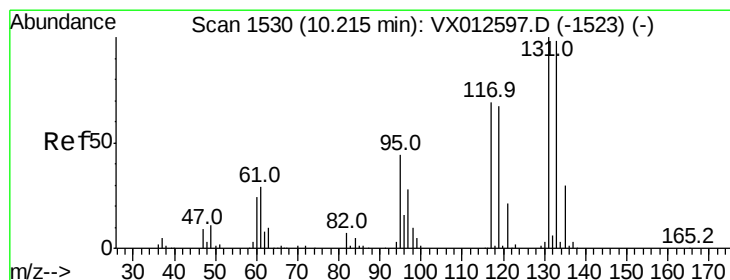
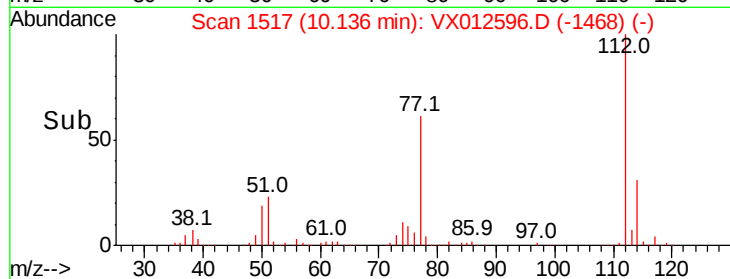
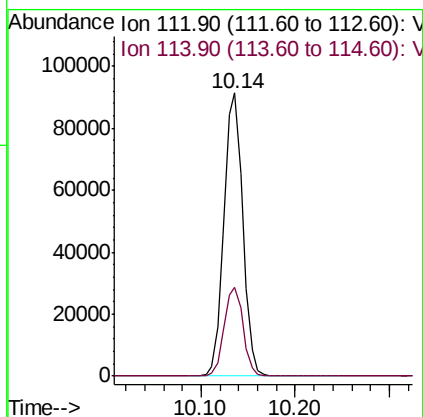
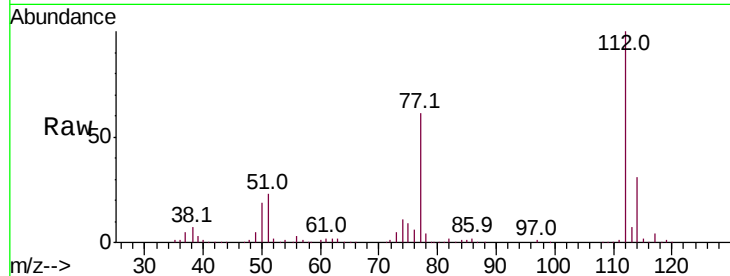




#65
Chlorobenzene
Concen: 24.273 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

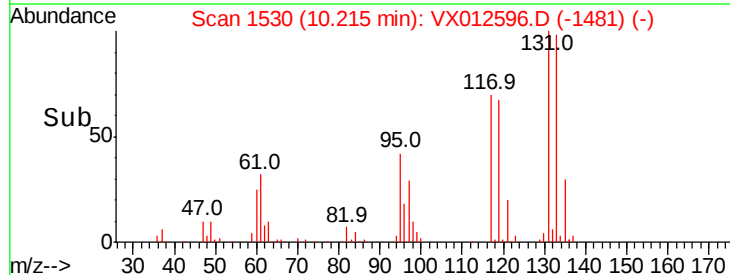
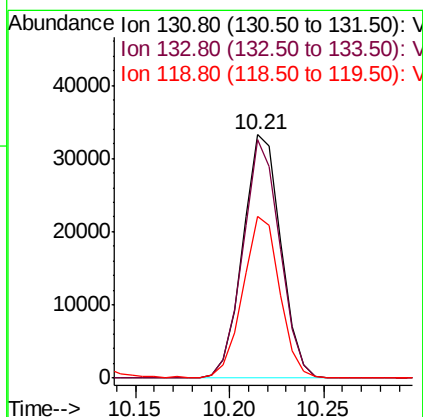
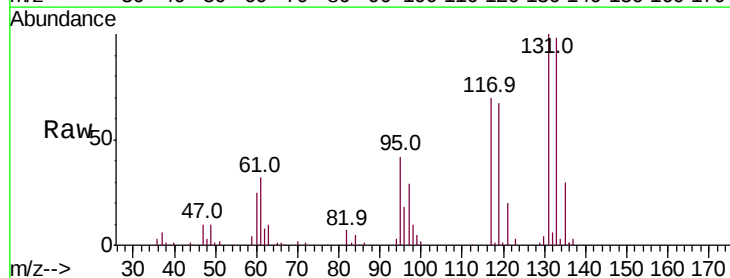
Instrument :
MSVOA_X
ClientSampleId :

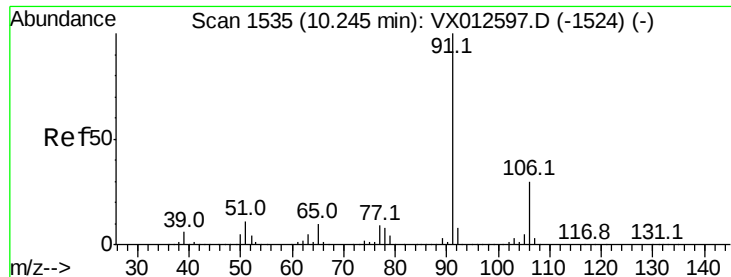
Tot Ion:112 Resp: 126981
Ion Ratio Lower Upper
112 100
114 31.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.014 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

Tgt Ion:131 Resp: 46473
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.2
119 64.6 33.0 99.0

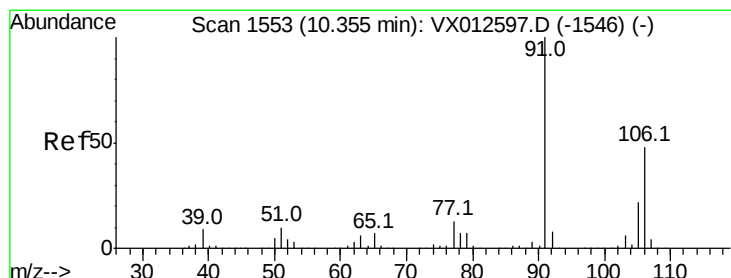
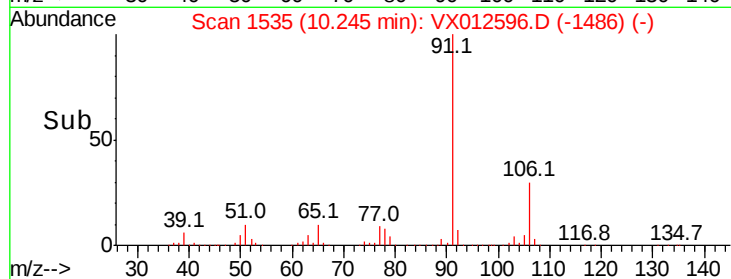
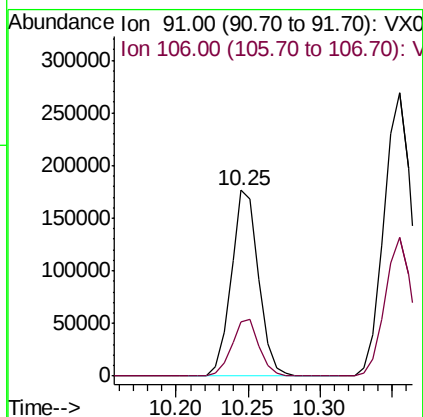
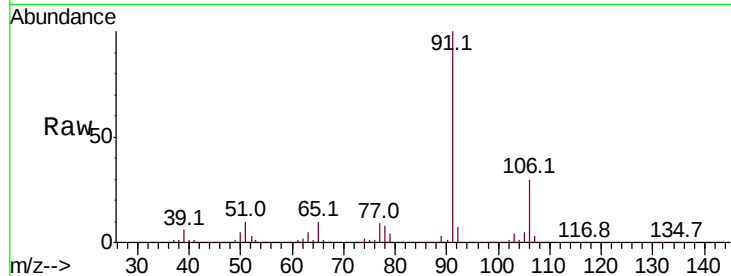




#67
Ethyl Benzene
Concen: 25.938 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

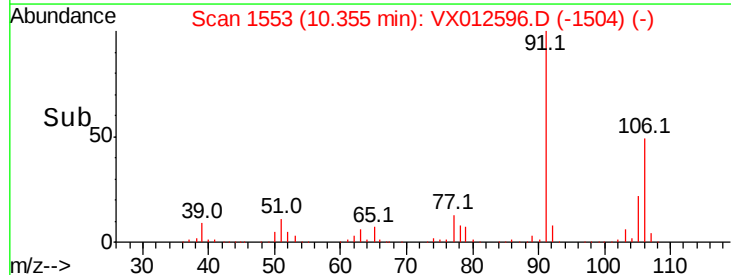
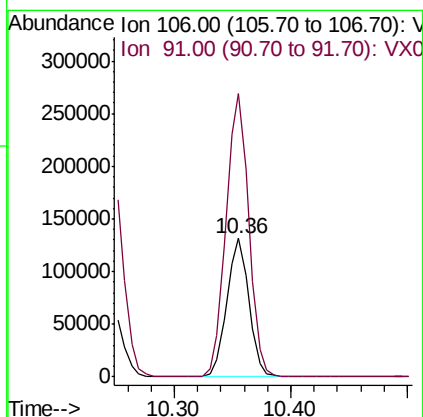
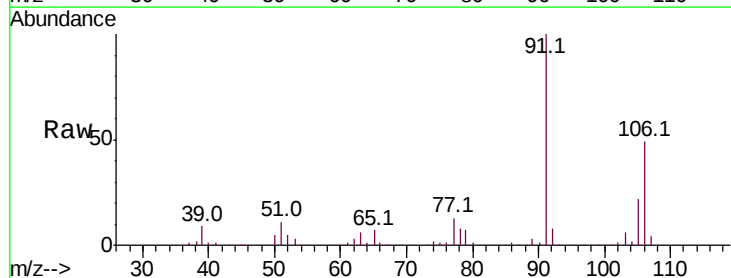
Instrument :
MSVOA_X
ClientSampled :

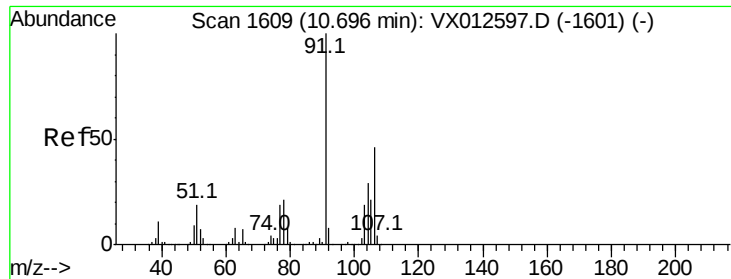
Tot Ion: 91 Resp: 234978
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.6



#68
m/p-Xylenes
Concen: 52.142 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

Tgt Ion:106 Resp: 172968
Ion Ratio Lower Upper
106 100
91 210.5 167.3 250.9

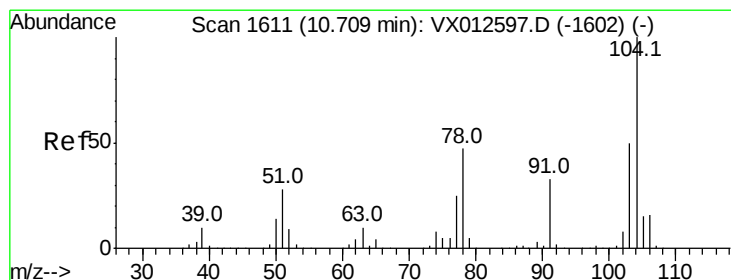
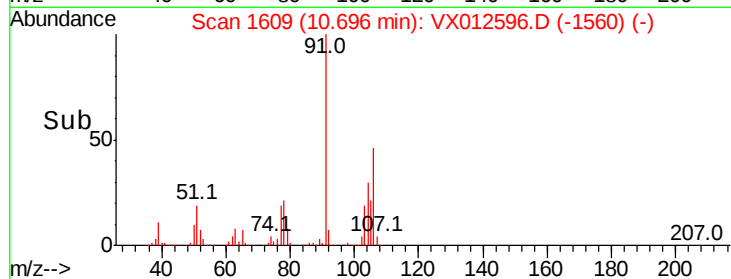
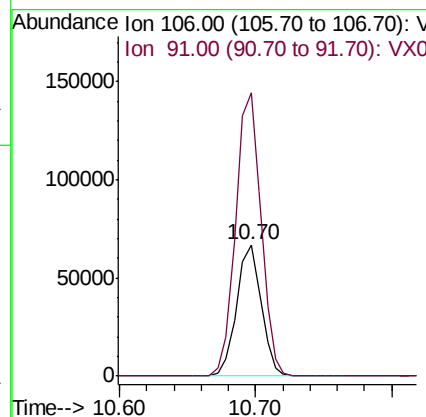
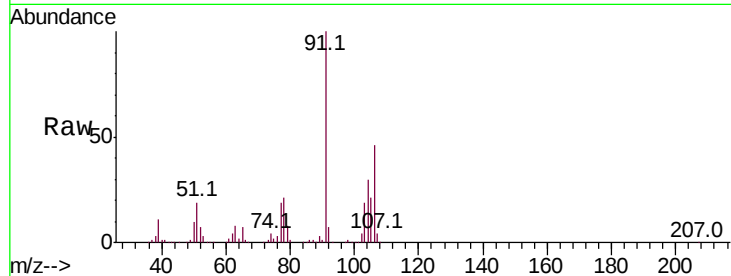




#69
o-Xylene
Concen: 25.165 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

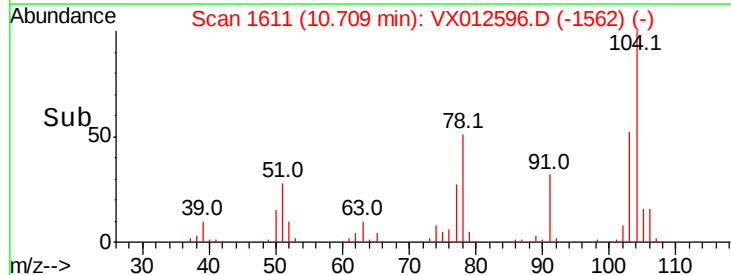
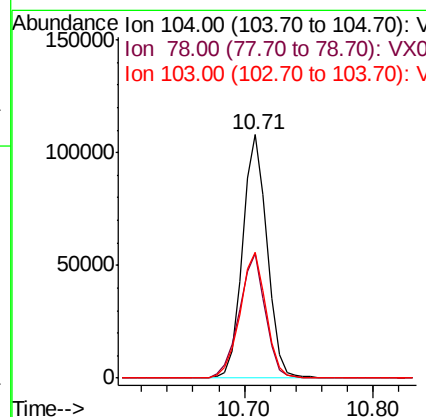
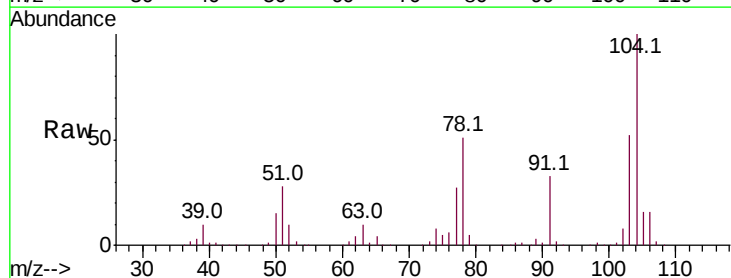
Instrument :
MSVOA_X
ClientSampleId :

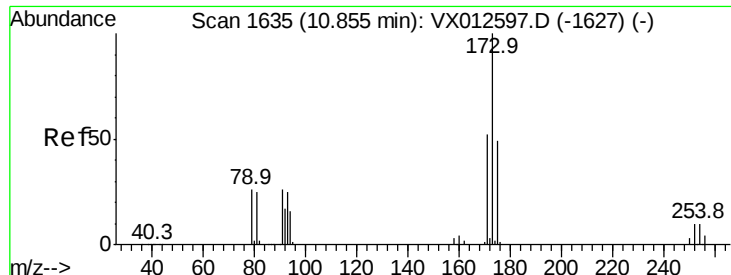
Tot Ion:106 Resp: 84678
Ion Ratio Lower Upper
106 100
91 221.3 110.3 331.0



#70
Styrene
Concen: 23.970 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

Tgt Ion:104 Resp: 141728
Ion Ratio Lower Upper
104 100
78 54.7 43.4 65.2
103 55.1 43.4 65.2





#71

Bromoform

Concen: 20.392 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

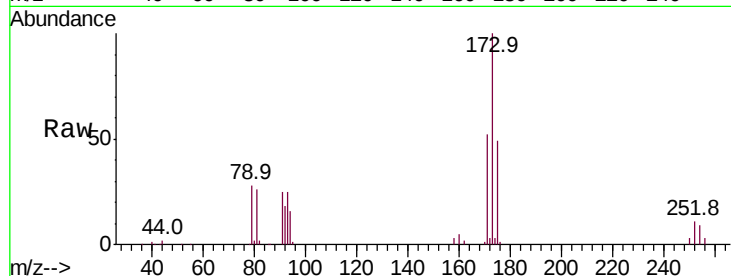
Tot Ion:173 Resp: 31754

Ion Ratio Lower Upper

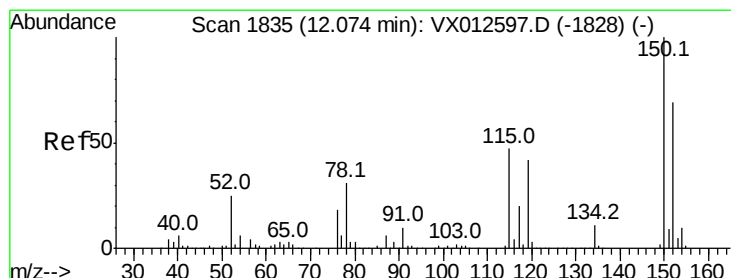
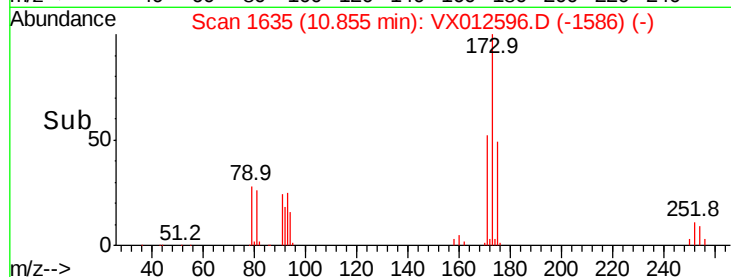
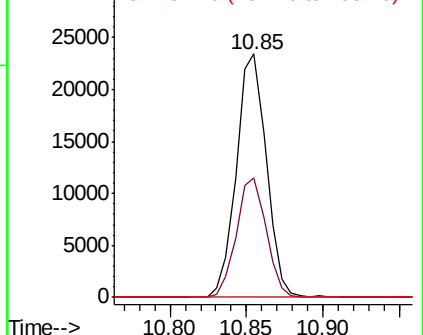
173 100

175 49.1 24.6 73.8

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: VX012596.D

Acq: 23 Sep 2019 10:56

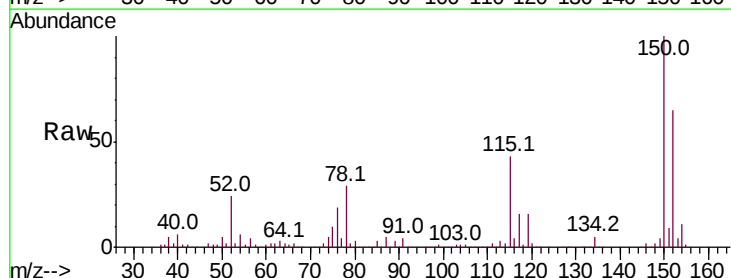
Tgt Ion:152 Resp: 139480

Ion Ratio Lower Upper

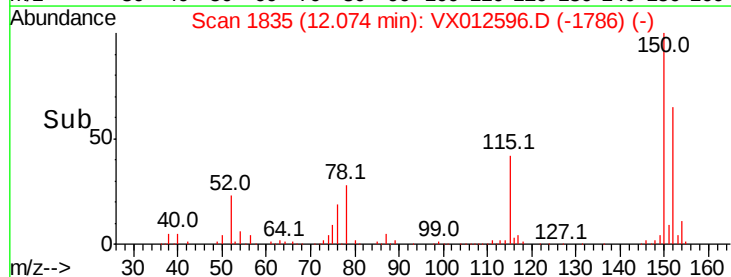
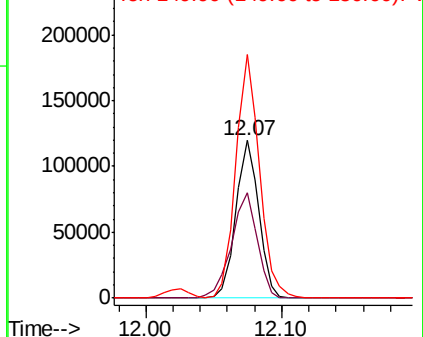
152 100

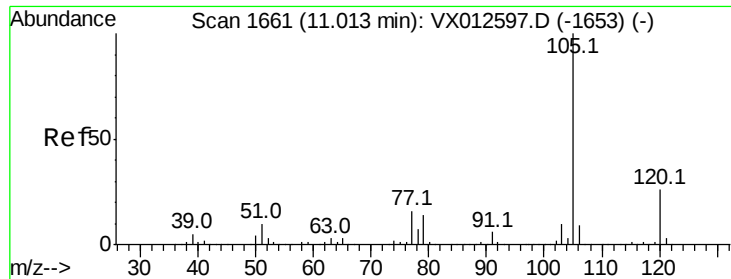
115 75.4 45.2 135.6

150 160.2 0.0 346.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

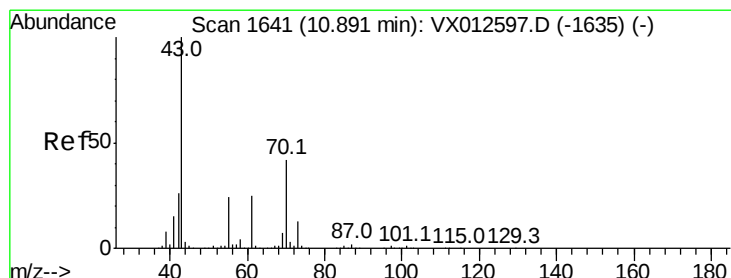
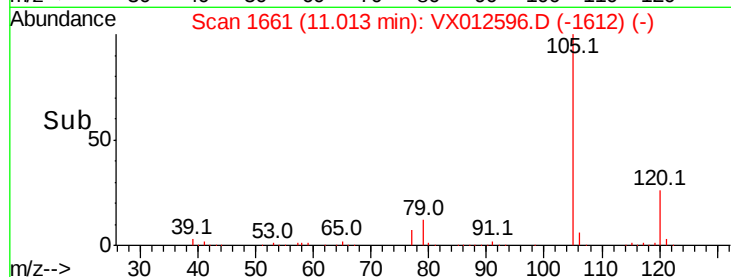
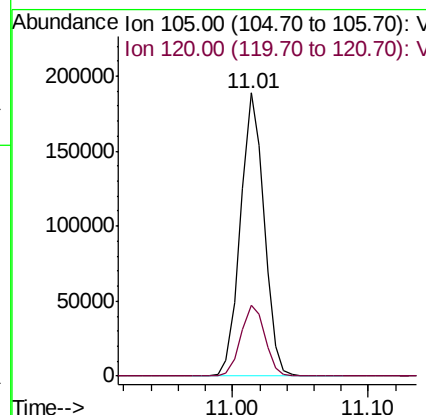
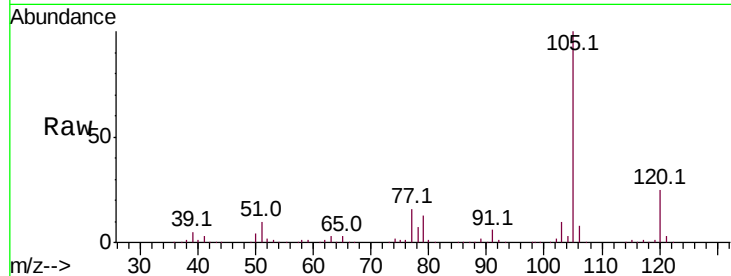




#73
Isopropylbenzene
Concen: 25.363 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

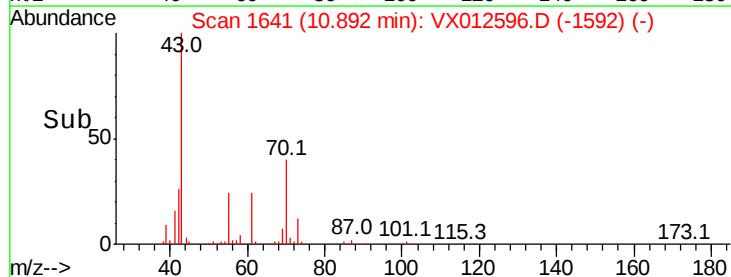
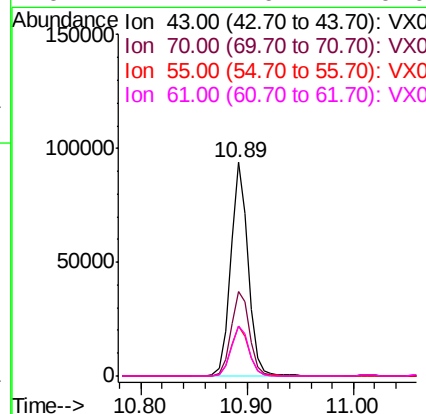
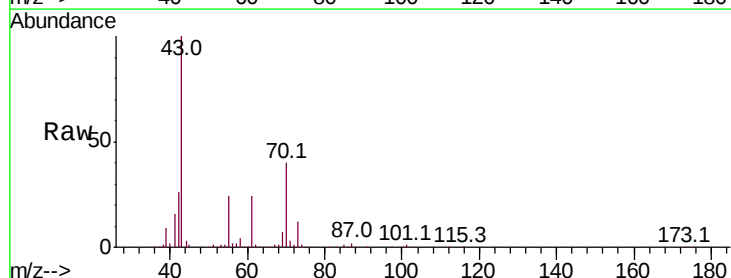
Instrument :
MSVOA_X
ClientSampleId :

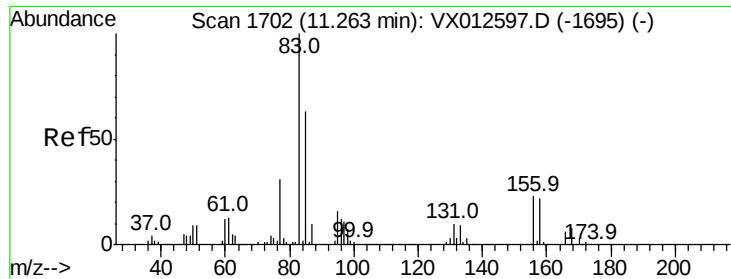
Tot Ion:105 Resp: 228513
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.7



#74
N-ethyl acetate
Concen: 22.588 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

Tgt Ion: 43 Resp: 107400
Ion Ratio Lower Upper
43 100
70 41.8 33.8 50.8
55 24.4 19.2 28.8
61 24.1 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.558 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

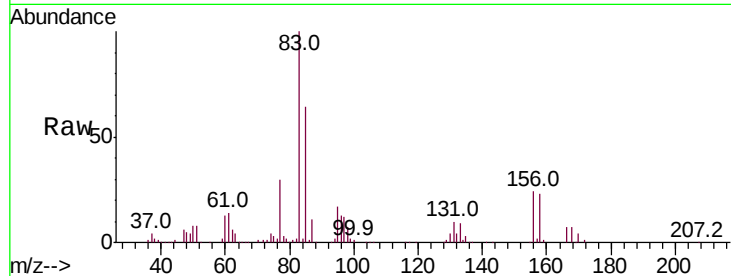
Tot Ion: 83 Resp: 74094

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.4

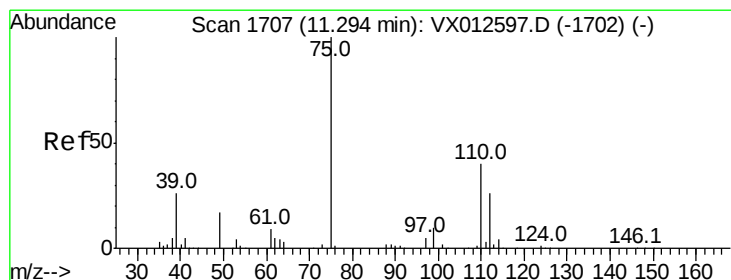
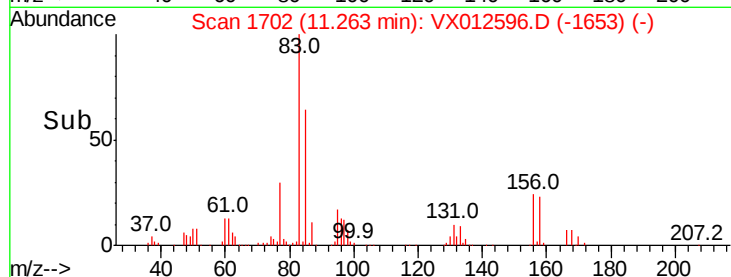
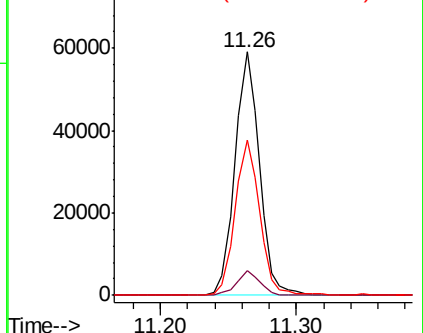
85 64.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 28.246 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012596.D

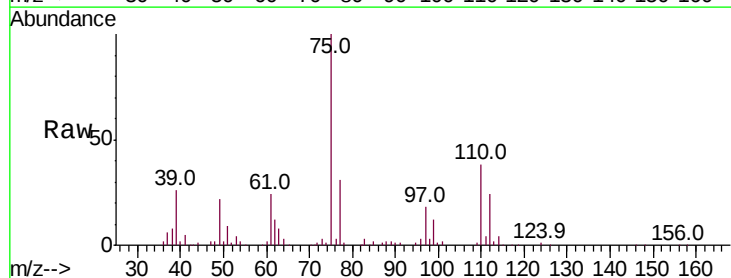
Acq: 23 Sep 2019 10:56

Tgt Ion: 75 Resp: 91153

Ion Ratio Lower Upper

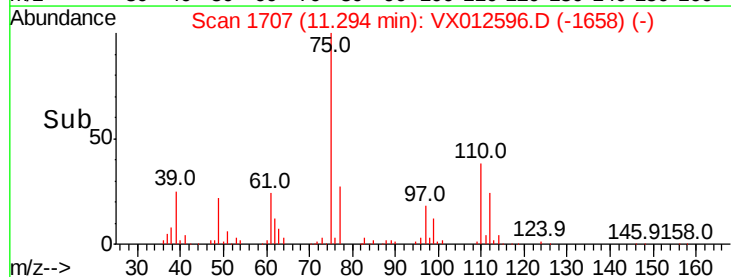
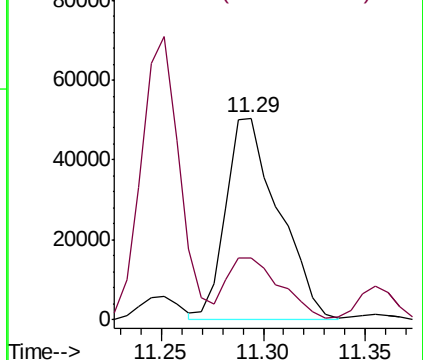
75 100

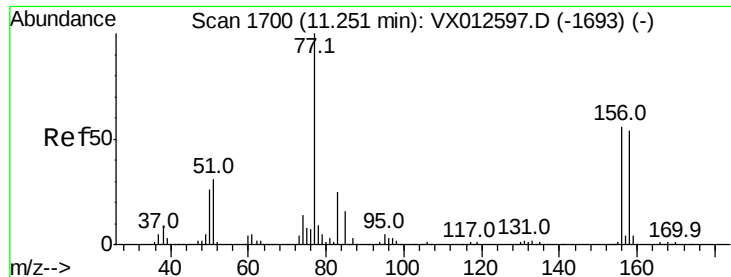
77 31.3 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 23.476 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :

MSVOA_X

ClientSampled :

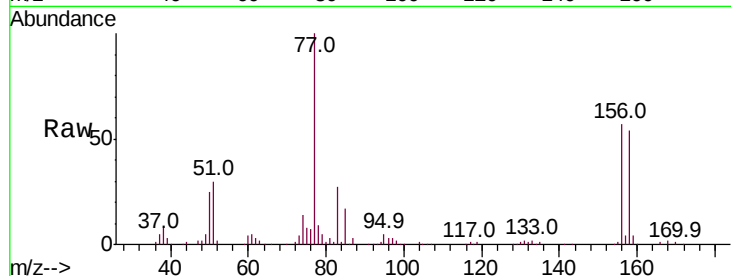
Tot Ion:156 Resp: 50901

Ion Ratio Lower Upper

156 100

77 181.2 91.2 273.6

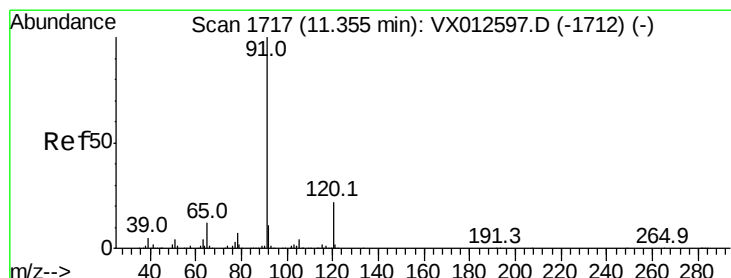
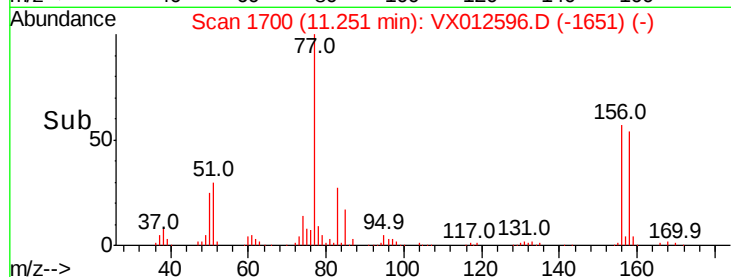
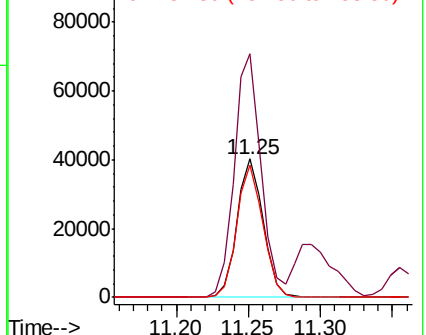
158 95.6 48.0 144.2



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: 25.392 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012596.D

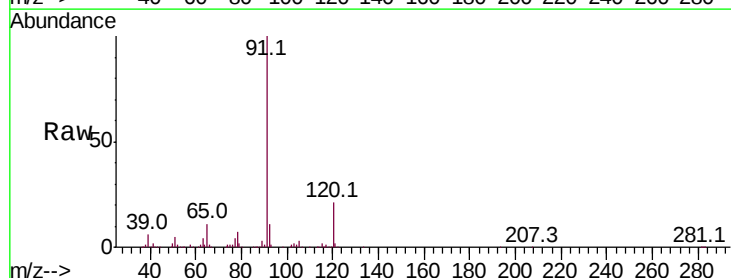
Acq: 23 Sep 2019 10:56

Tgt Ion: 91 Resp: 255029

Ion Ratio Lower Upper

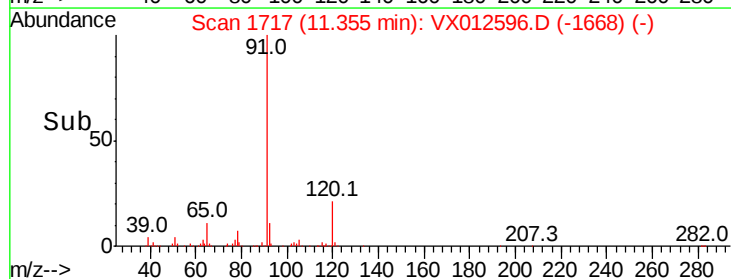
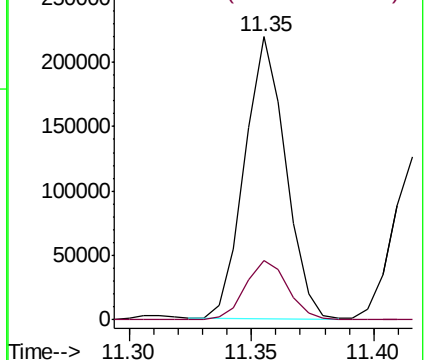
91 100

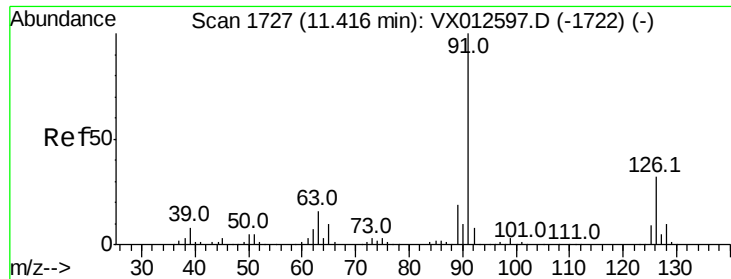
120 21.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 24.063 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :

MSVOA_X

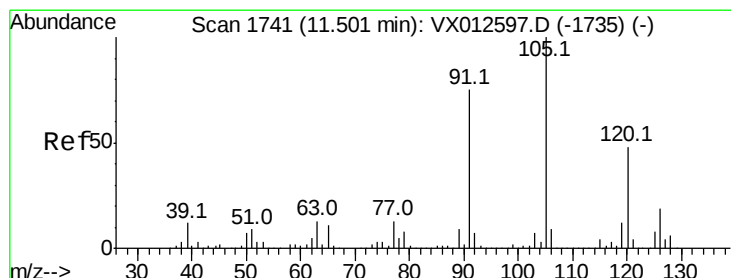
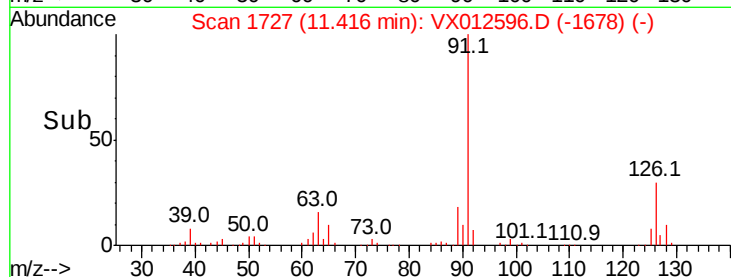
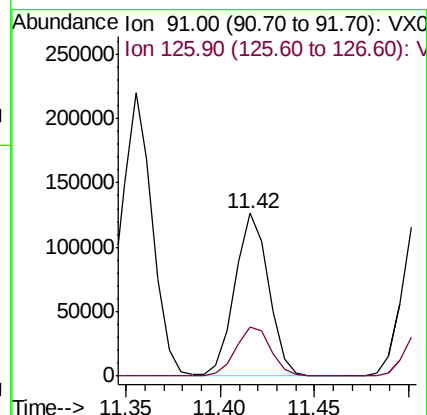
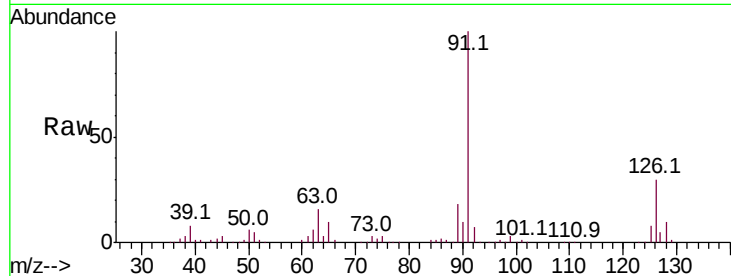
ClientSampled :

Tot Ion: 91 Resp: 156583

Ion Ratio Lower Upper

91 100

126 31.3 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 25.029 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012596.D

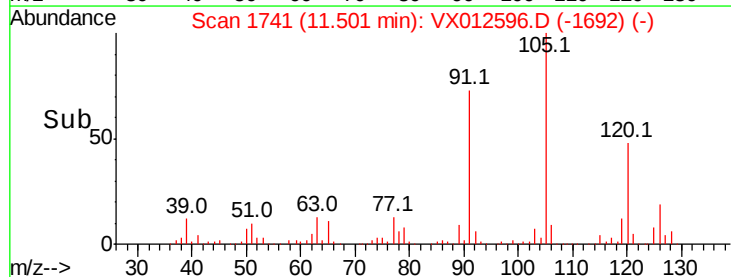
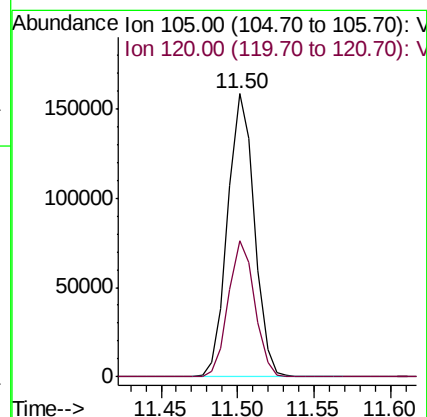
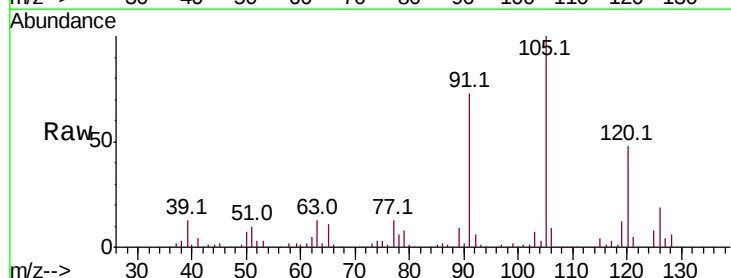
Acq: 23 Sep 2019 10:56

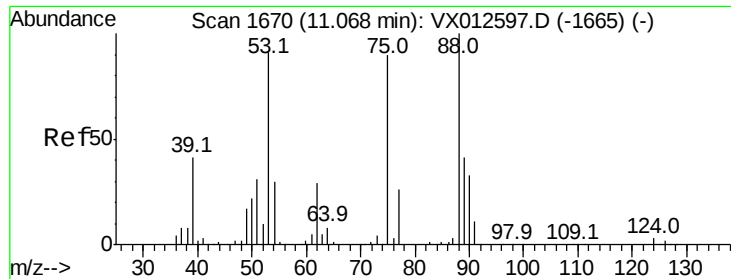
Tgt Ion:105 Resp: 191659

Ion Ratio Lower Upper

105 100

120 47.5 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 22.664 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

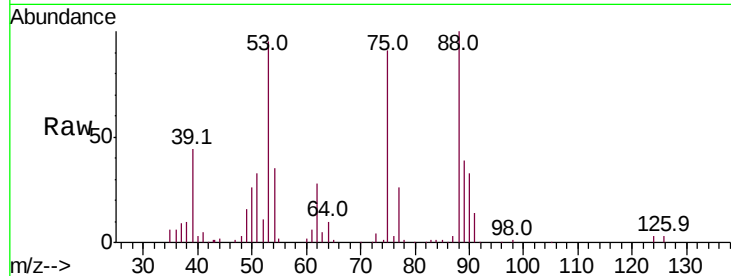
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 24897

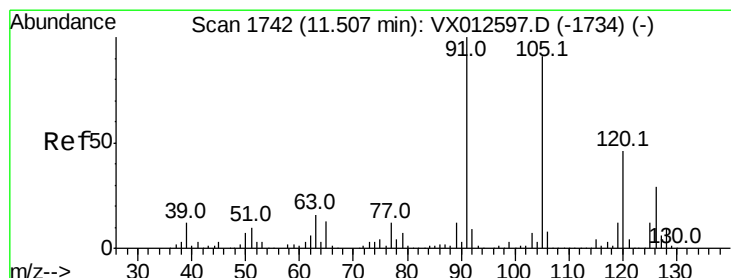
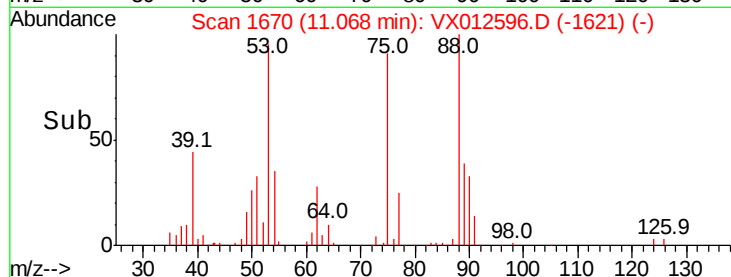
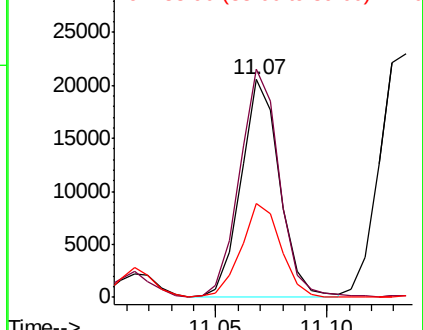
Ion	Ratio	Lower	Upper
75	100		
53	108.0	79.5	119.3
89	44.3	36.8	55.2



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: 24.118 ug/l

RT: 11.51 min Scan# 1742

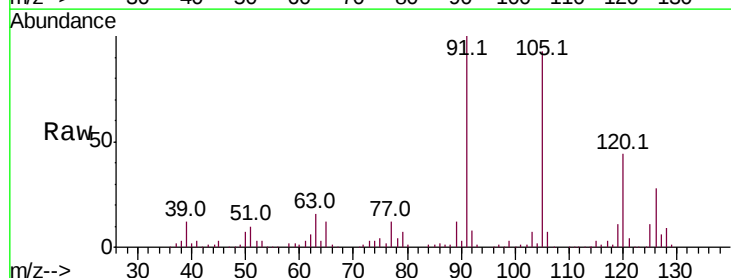
Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

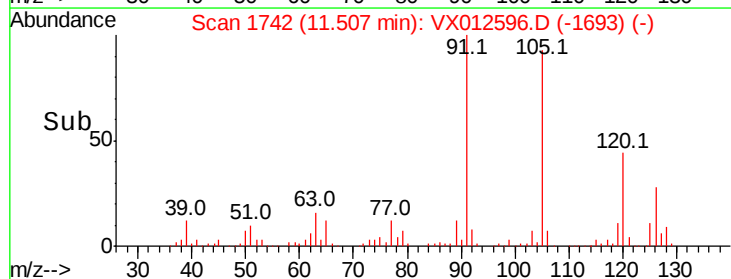
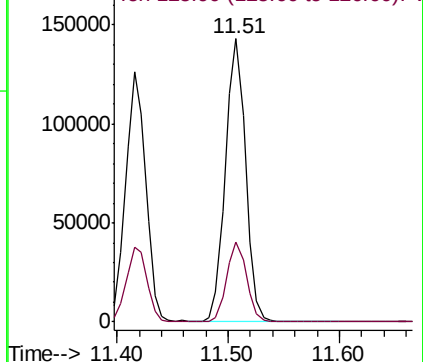
Tgt Ion: 91 Resp: 179935

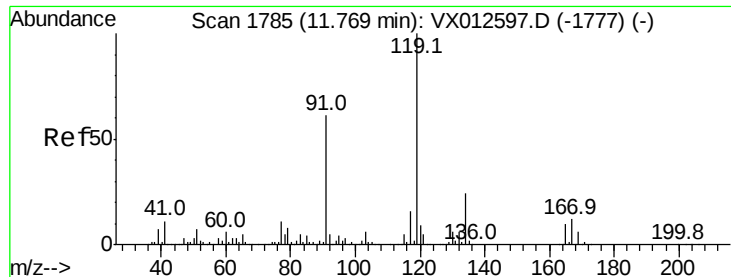
Ion	Ratio	Lower	Upper
91	100		
126	27.8	13.9	41.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 22.626 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

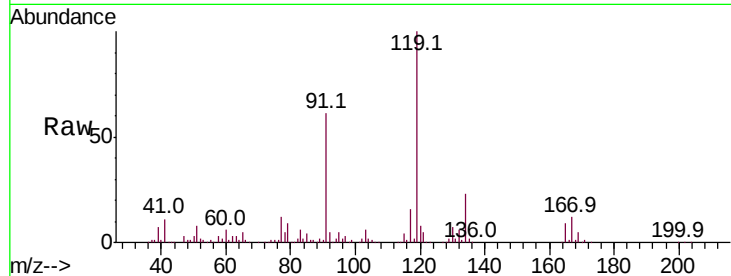
Tot Ion:119 Resp: 182282

Ion Ratio Lower Upper

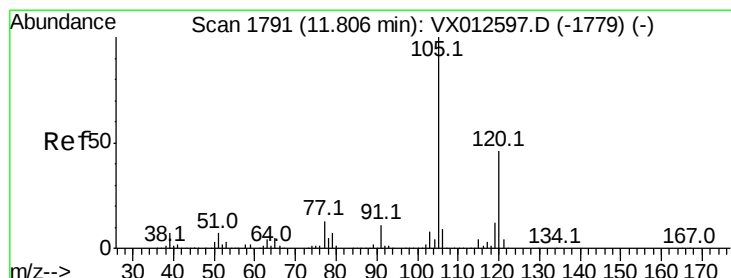
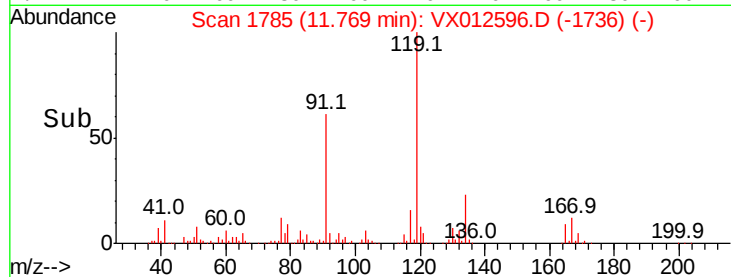
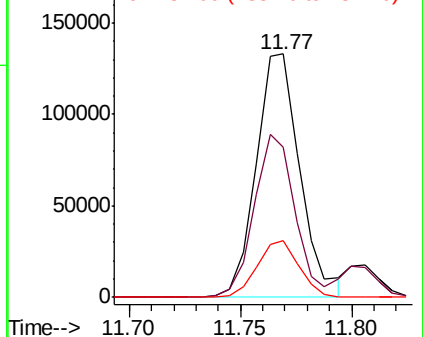
119 100

91 62.3 31.1 93.5

134 22.4 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 24.685 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX012596.D

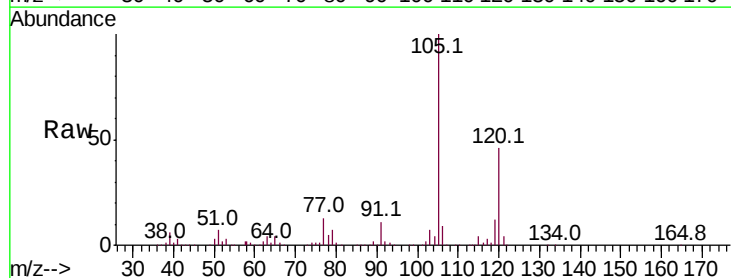
Acq: 23 Sep 2019 10:56

Tgt Ion:105 Resp: 193748

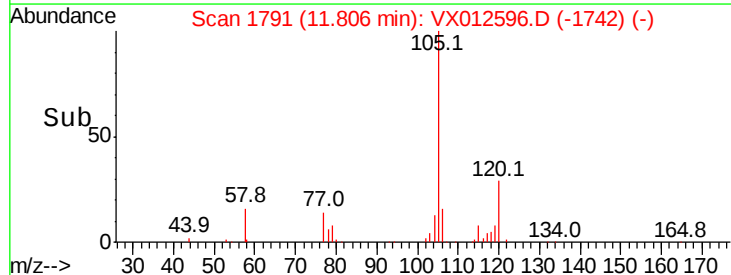
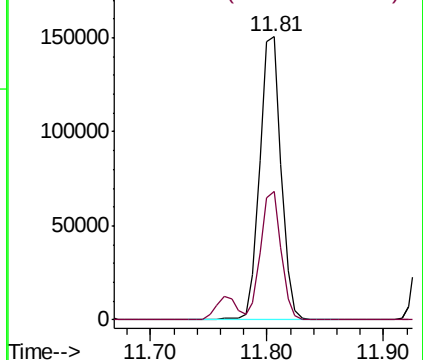
Ion Ratio Lower Upper

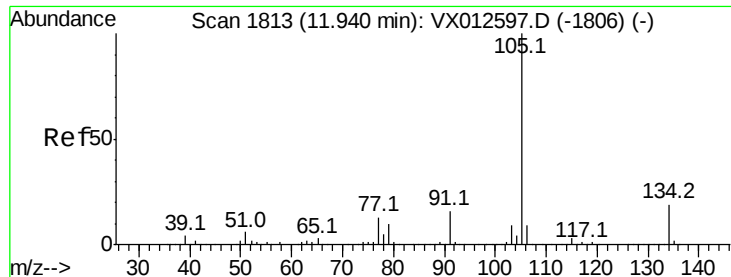
105 100

120 43.7 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 23.929 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :

MSVOA_X

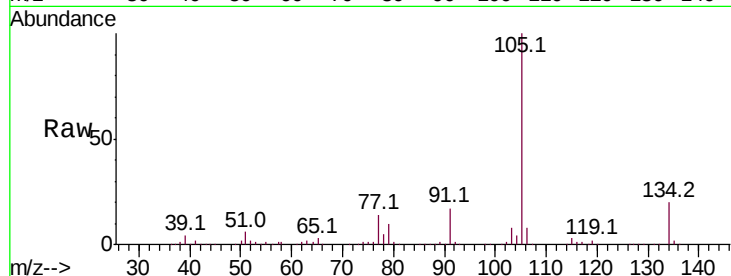
ClientSampleId :

Tot Ion:105 Resp: 214410

Ion Ratio Lower Upper

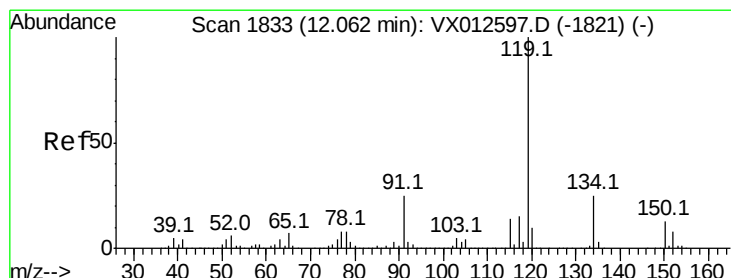
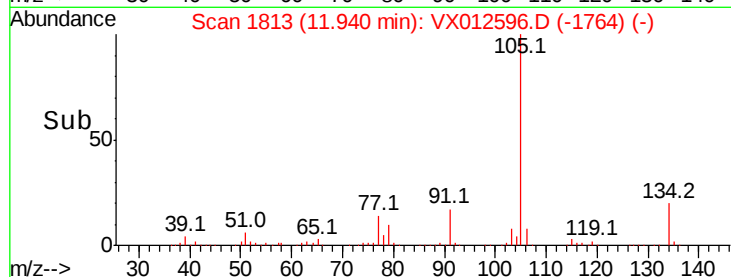
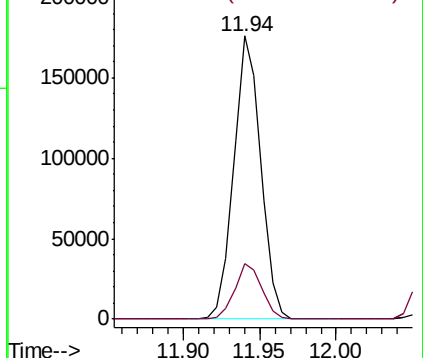
105 100

134 19.7 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.698 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

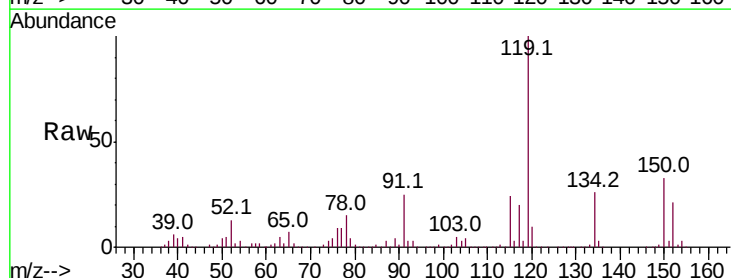
Tgt Ion:119 Resp: 194717

Ion Ratio Lower Upper

119 100

134 25.7 12.4 37.4

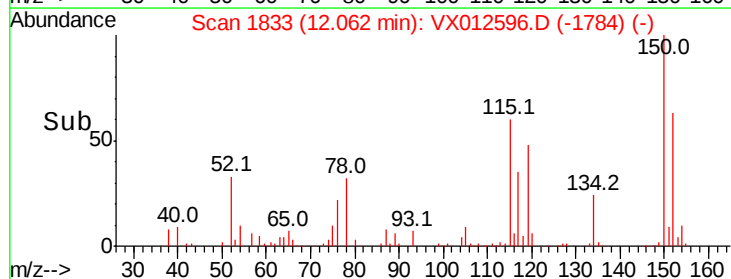
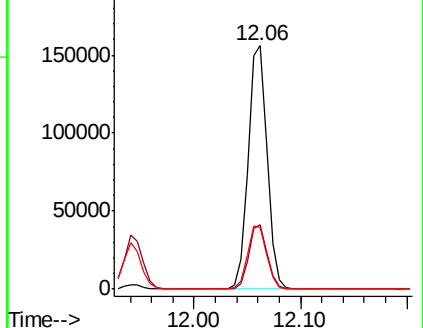
91 26.4 12.8 38.4

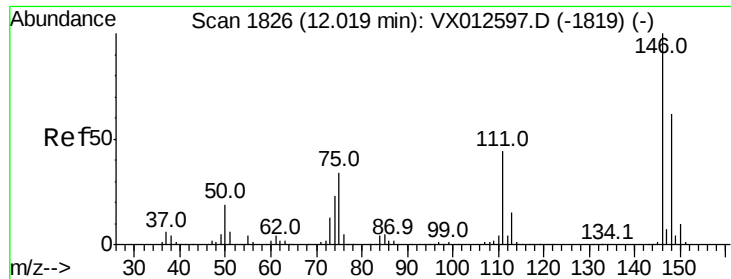


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 22.823 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

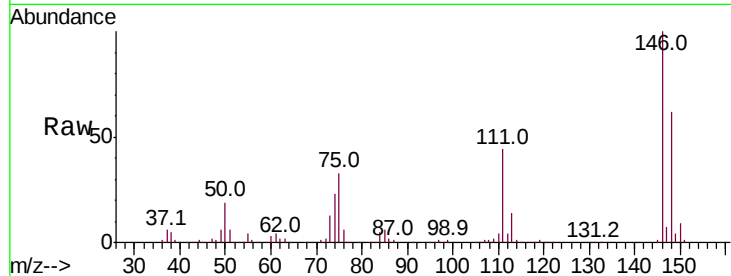
Tot Ion:146 Resp: 92584

Ion Ratio Lower Upper

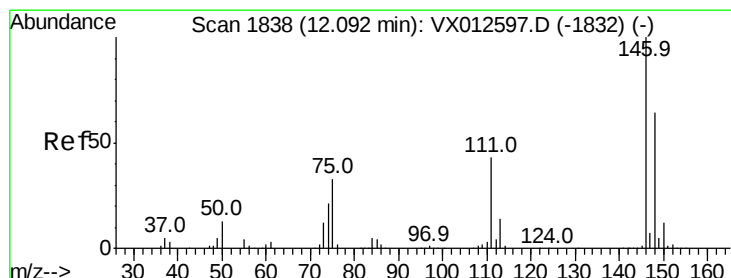
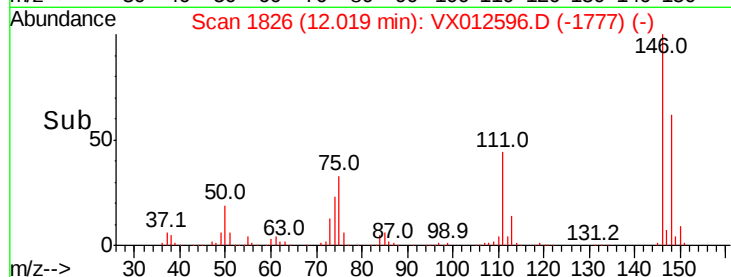
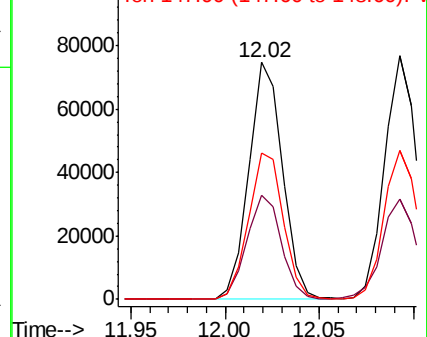
146 100

111 44.9 22.3 66.9

148 63.9 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 22.507 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

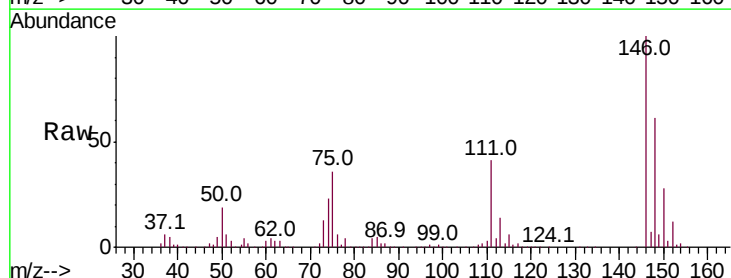
Tgt Ion:146 Resp: 93580

Ion Ratio Lower Upper

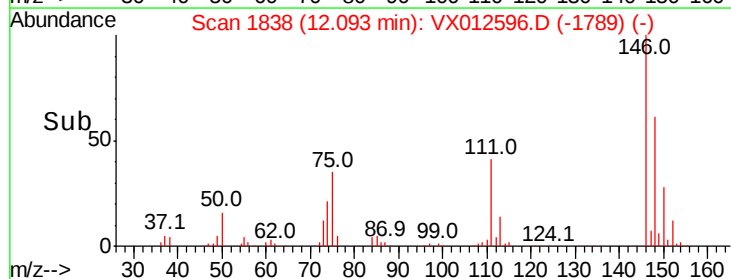
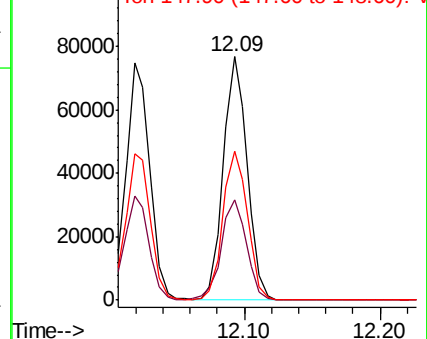
146 100

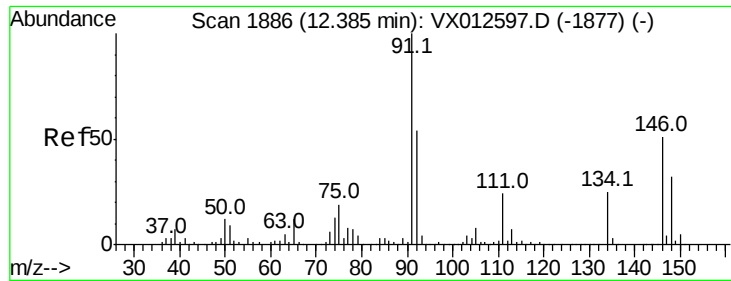
111 43.5 21.7 65.1

148 63.2 31.8 95.3



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

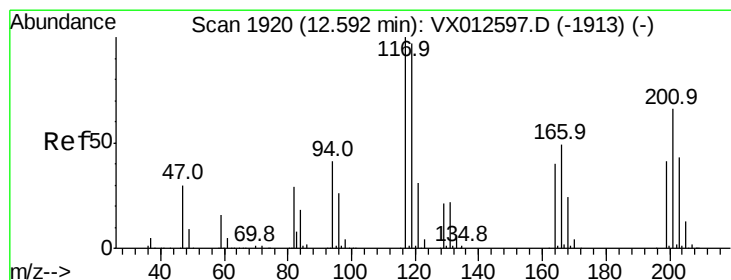
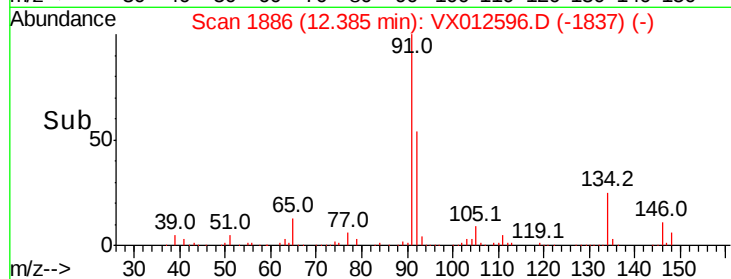
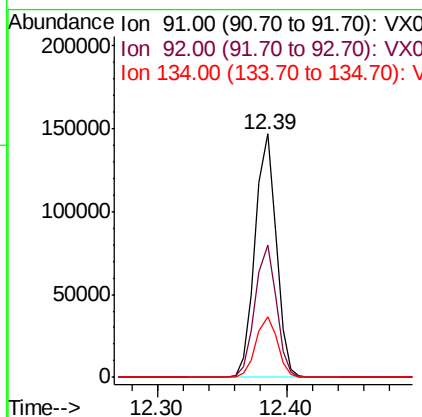
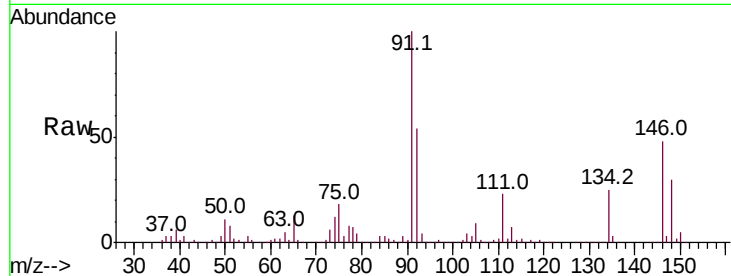




#89
n-Butylbenzene
Concen: 22.697 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

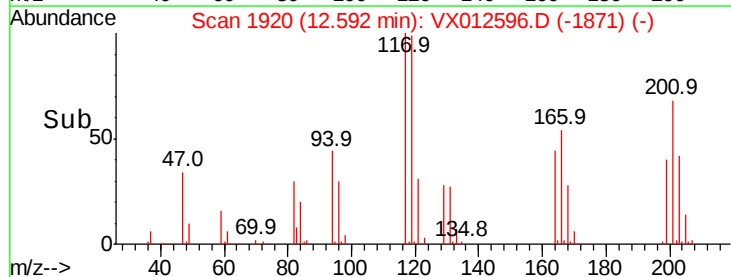
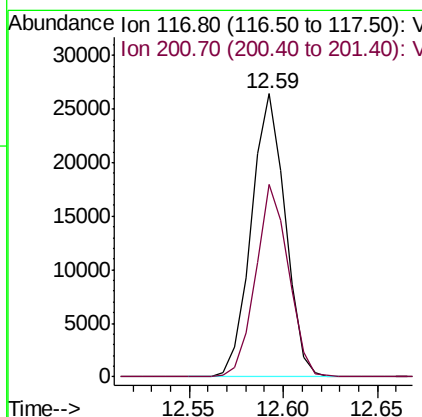
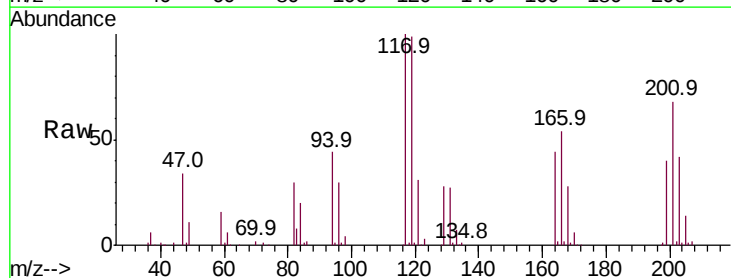
Instrument :
MSVOA_X
ClientSampleId :

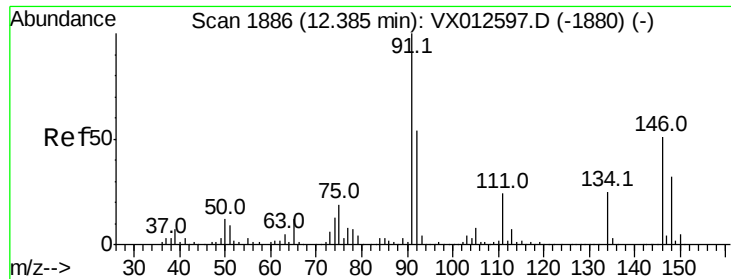
Tot Ion: 91 Resp: 166017
Ion Ratio Lower Upper
91 100
92 54.9 27.2 81.6
134 25.2 12.4 37.2



#90
Hexachloroethane
Concen: 22.086 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

Tgt Ion: 117 Resp: 32919
Ion Ratio Lower Upper
117 100
201 65.7 34.0 101.8





#91

1,2-Dichlorobenzene

Concen: 22.022 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

Instrument :

MSVOA_X

ClientSampled :

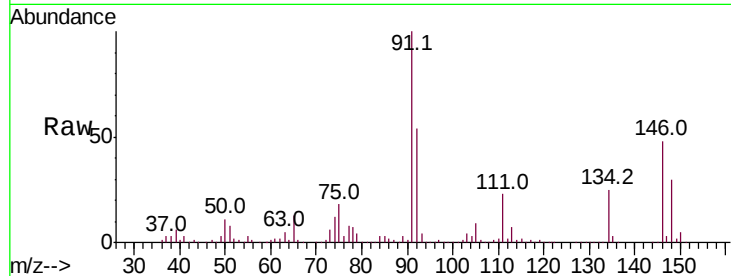
Tot Ion:146 Resp: 92578

Ion Ratio Lower Upper

146 100

111 46.6 22.8 68.4

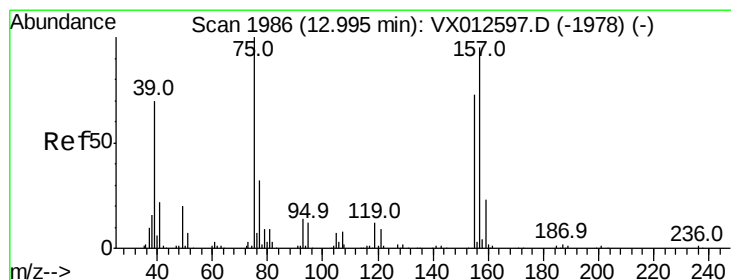
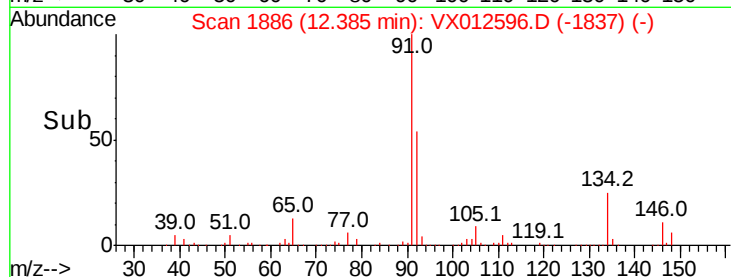
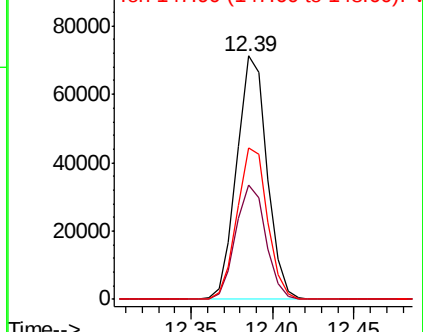
148 62.4 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.677 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012596.D

Acq: 23 Sep 2019 10:56

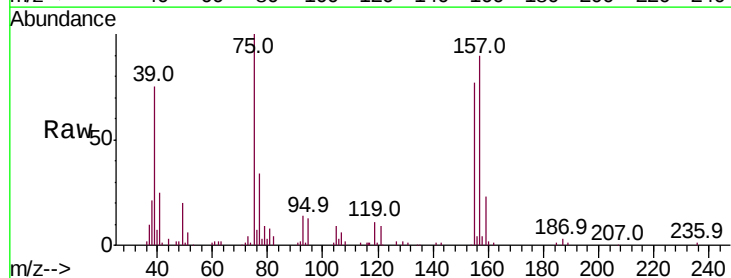
Tgt Ion: 75 Resp: 18351

Ion Ratio Lower Upper

75 100

155 76.2 38.7 116.1

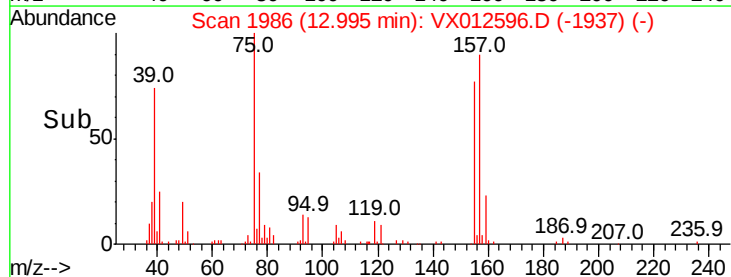
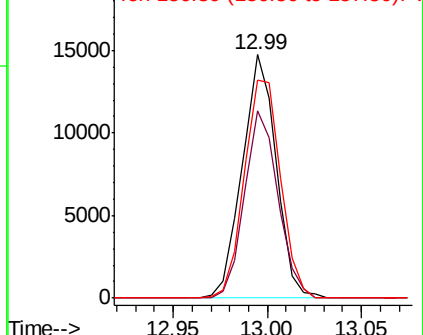
157 96.4 48.5 145.6

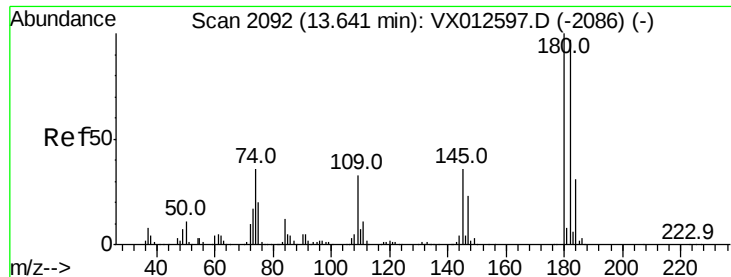


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

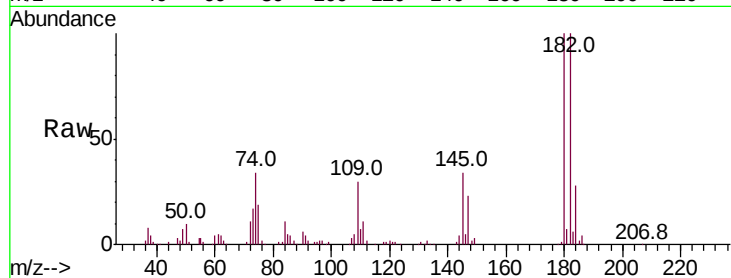




#93
 1,2,4-Trichlorobenzene
 Concen: 20.498 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012596.D
 Acq: 23 Sep 2019 10:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.3
145	35.3	17.1	51.3

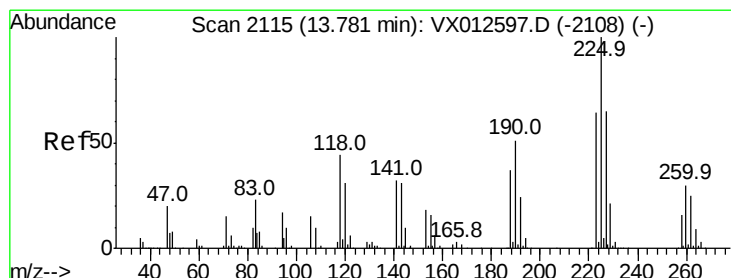
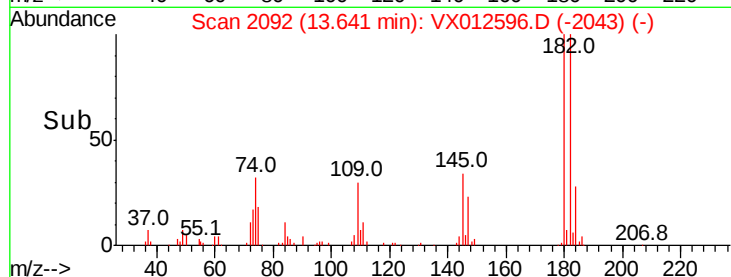
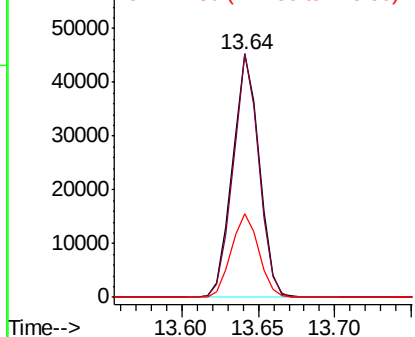


Abundance

Ion 179.80 (179.50 to 180.50): V

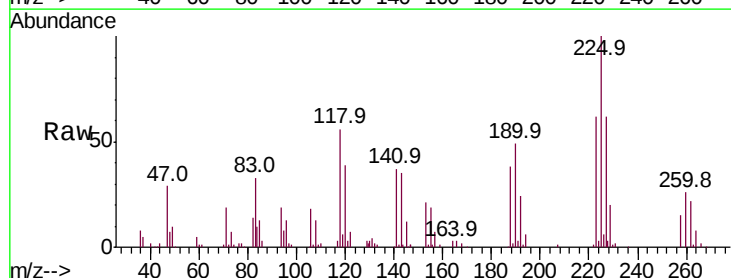
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.084 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012596.D
 Acq: 23 Sep 2019 10:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	31.7	95.1
227	64.0	31.1	93.5

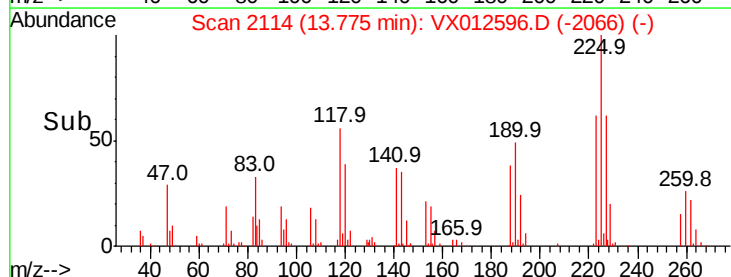
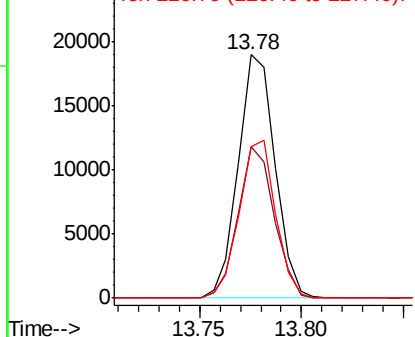


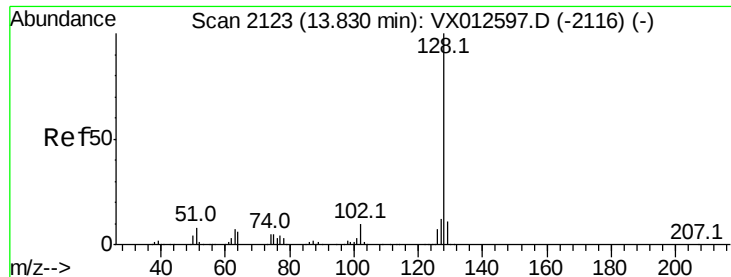
Abundance

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

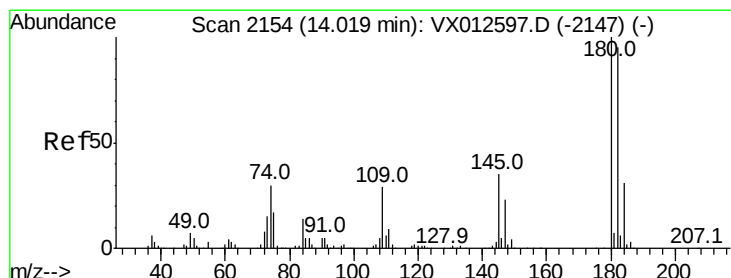
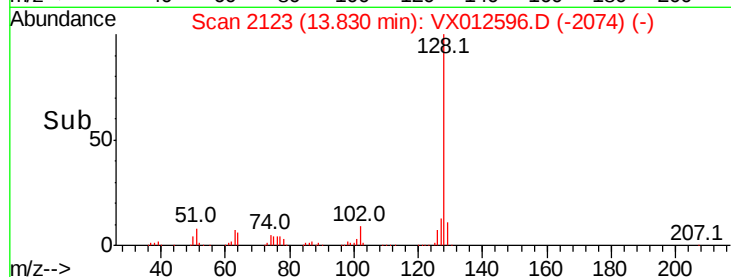
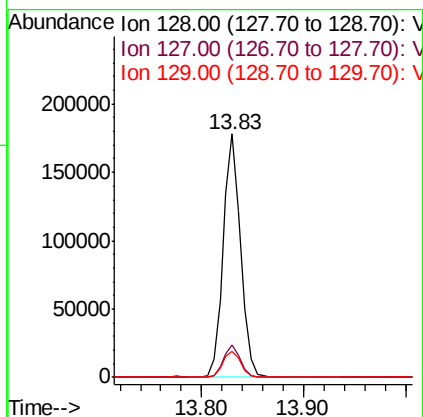
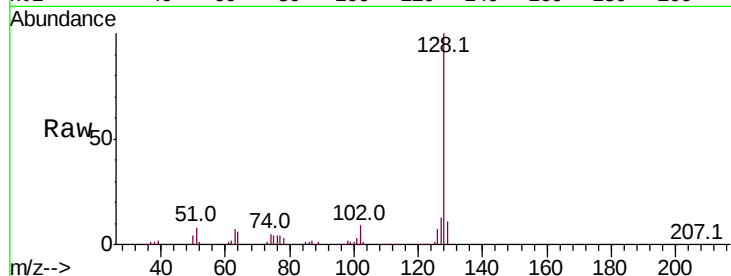




#95
Naphthalene
Concen: 21.968 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 210073
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.544 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012596.D
Acq: 23 Sep 2019 10:56

Tgt Ion:180 Resp: 55920
Ion Ratio Lower Upper
180 100
182 95.1 46.8 140.3
145 36.7 18.4 55.0

