

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021920\
 Data File : VX014959.D
 Acq On : 19 Feb 2020 11:27
 Operator : JC/SP
 Sample : VX0219WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 20 00:21:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	458024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	669437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	626956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	323231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	252529	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
35) Dibromofluoromethane	5.48	113	204867	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
50) Toluene-d8	8.71	98	787541	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.13	95	283327	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	82864	19.104	ug/l	99
3) Chloromethane	1.32	50	91610	18.629	ug/l	99
4) Vinyl Chloride	1.40	62	95349	17.999	ug/l	100
5) Bromomethane	1.64	94	63940	18.646	ug/l	98
6) Chloroethane	1.72	64	63481	18.728	ug/l	98
7) Trichlorofluoromethane	1.93	101	138810	18.754	ug/l	99
8) Diethyl Ether	2.18	74	55535	18.094	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81048	18.864	ug/l	98
10) Methyl Iodide	2.50	142	81210	19.843	ug/l	99
11) Tert butyl alcohol	3.01	59	86999	95.322	ug/l	99
12) 1,1-Dichloroethene	2.37	96	76588	18.243	ug/l	97
13) Acrolein	2.28	56	42709	61.397	ug/l	95
14) Allyl chloride	2.72	41	130757	17.567	ug/l	98
15) Acrylonitrile	3.12	53	217588	94.042	ug/l	99
16) Acetone	2.43	43	235351	77.205	ug/l	97
17) Carbon Disulfide	2.56	76	196832	16.780	ug/l	96
18) Methyl Acetate	2.76	43	106018	20.364	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	256450	18.769	ug/l	97
20) Methylene Chloride	2.85	84	86786	17.453	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	83649	18.057	ug/l	96
22) Diisopropyl ether	3.84	45	271615	19.106	ug/l	100
23) Vinyl Acetate	3.80	43	1141791	97.430	ug/l	99
24) 1,1-Dichloroethane	3.69	63	150183	18.718	ug/l	100
25) 2-Butanone	4.65	43	319247	90.717	ug/l	98
26) 2,2-Dichloropropane	4.57	77	124604	18.021	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	93665	18.088	ug/l	99
28) Bromochloromethane	5.00	49	63534	20.430	ug/l	99
29) Tetrahydrofuran	5.11	42	193181	96.565	ug/l	100
30) Chloroform	5.20	83	150528	18.910	ug/l	98
31) Cyclohexane	5.56	56	133987	18.335	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	128657	18.476	ug/l	99
36) 1,1-Dichloropropene	5.79	75	110666	18.480	ug/l	98
37) Ethyl Acetate	4.81	43	119537	19.139	ug/l	99
38) Carbon Tetrachloride	5.77	117	110398	18.917	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021920\
 Data File : VX014959.D
 Acq On : 19 Feb 2020 11:27
 Operator : JC/SP
 Sample : VX0219WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 20 00:21:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	136268	18.195	ug/l	99
40) Benzene	6.13	78	335711	18.763	ug/l	99
41) Methacrylonitrile	5.03	41	65009	19.321	ug/l	96
42) 1,2-Dichloroethane	6.18	62	124152	19.199	ug/l	97
43) Isopropyl Acetate	6.43	43	198044	19.222	ug/l	98
44) Trichloroethene	7.20	130	97581	18.787	ug/l	98
45) 1,2-Dichloropropane	7.50	63	86559	18.970	ug/l	97
46) Dibromomethane	7.65	93	57969	18.585	ug/l	98
47) Bromodichloromethane	7.89	83	113589	18.367	ug/l	96
48) Methyl methacrylate	7.76	41	96611	19.054	ug/l	100
49) 1,4-Dioxane	7.73	88	38435	405.421	ug/l	92
51) 4-Methyl-2-Pentanone	8.63	43	615394	98.918	ug/l	99
52) Toluene	8.78	92	215090	18.927	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	126109	18.606	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	137068	18.306	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	87815	19.100	ug/l	98
56) Ethyl methacrylate	9.17	69	131554	19.036	ug/l	99
57) 1,3-Dichloropropane	9.36	76	147583	19.069	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	356002	98.502	ug/l	100
59) 2-Hexanone	9.48	43	471177	96.355	ug/l	99
60) Dibromochloromethane	9.57	129	93543	18.906	ug/l	98
61) 1,2-Dibromoethane	9.67	107	92489	18.644	ug/l	100
64) Tetrachloroethene	9.33	164	99162	16.917	ug/l	98
65) Chlorobenzene	10.13	112	239025	18.797	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	88165	19.097	ug/l	99
67) Ethyl Benzene	10.25	91	411674	19.036	ug/l	100
68) m/p-Xylenes	10.35	106	311748	37.419	ug/l	98
69) o-Xylene	10.69	106	150280	18.765	ug/l	100
70) Styrene	10.71	104	252773	18.657	ug/l	99
71) Bromoform	10.85	173	70559	18.311	ug/l #	97
73) Isopropylbenzene	11.01	105	405356	19.998	ug/l	99
74) N-amyl acetate	10.89	43	165564	19.658	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	130901	19.755	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	146295	25.029	ug/l	93
77) Bromobenzene	11.25	156	107212	18.950	ug/l	98
78) n-propylbenzene	11.35	91	453544	19.345	ug/l	100
79) 2-Chlorotoluene	11.42	91	275571	19.994	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	342792	20.239	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	40570	17.767	ug/l	95
82) 4-Chlorotoluene	11.51	91	310435	19.019	ug/l	98
83) tert-Butylbenzene	11.76	119	323961	20.199	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	339669	19.900	ug/l	100
85) sec-Butylbenzene	11.94	105	389762	19.562	ug/l	99
86) p-Isopropyltoluene	12.06	119	362129	19.422	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	189915	18.711	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	192442	18.567	ug/l	99
89) n-Butylbenzene	12.38	91	306036	18.327	ug/l	100
90) Hexachloroethane	12.59	117	64379	19.772	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	194024	19.493	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28333	18.226	ug/l	96

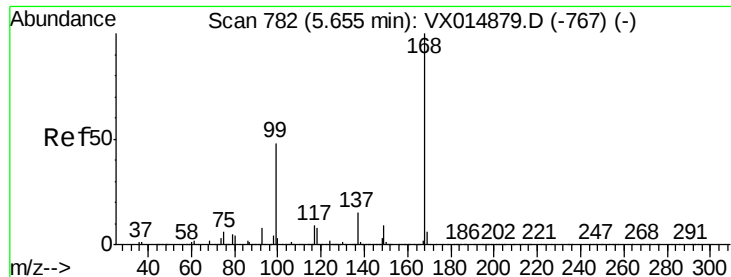
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021920\
Data File : VX014959.D
Acq On : 19 Feb 2020 11:27
Operator : JC/SP
Sample : VX0219WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 20 00:21:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	131253	17.866	ug/l	98
94) Hexachlorobutadiene	13.77	225	66261	18.647	ug/l	97
95) Naphthalene	13.83	128	378806	19.392	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134536	18.954	ug/l	99

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

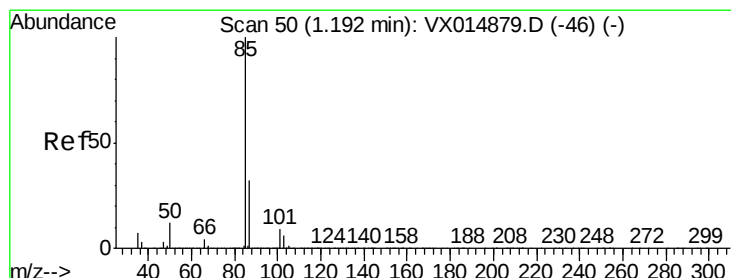
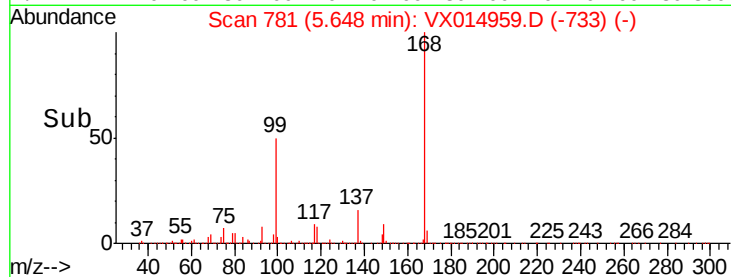
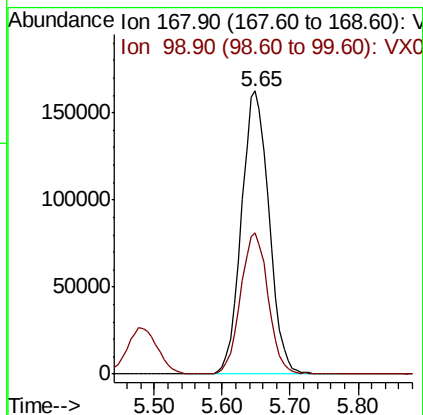
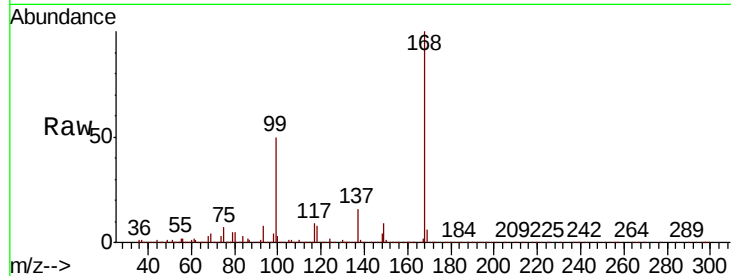


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :

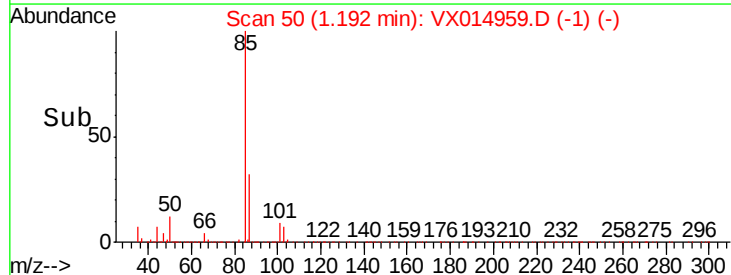
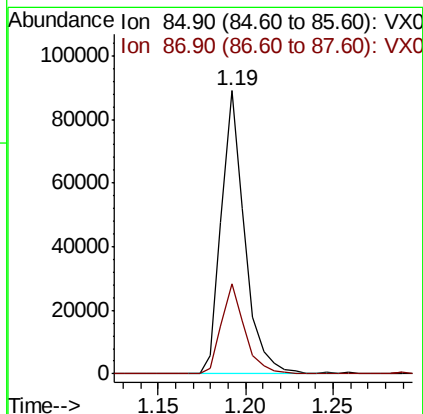
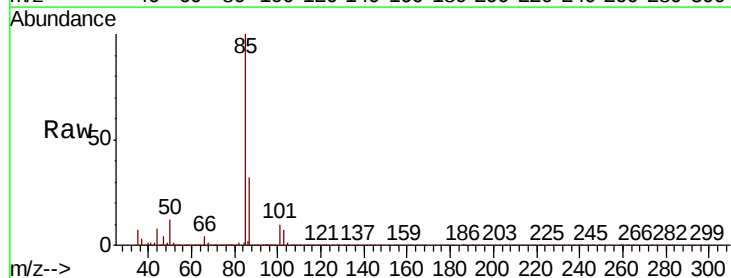
Tot Ion:168 Resp: 458024
 Ion Ratio Lower Upper
 168 100
 99 49.7 38.7 58.1

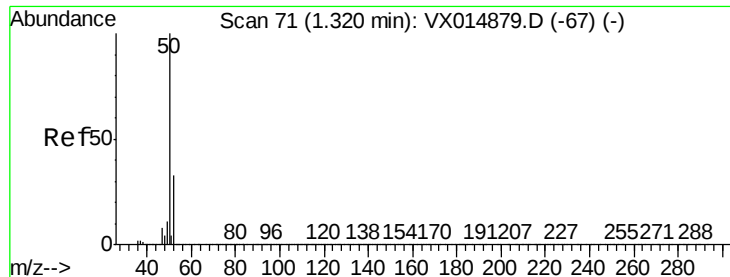


#2

Dichlorodifluoromethane
 Concen: 19.104 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

Tgt Ion: 85 Resp: 82864
 Ion Ratio Lower Upper
 85 100
 87 31.7 16.1 48.2





#3

Chloromethane

Concen: 18.629 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

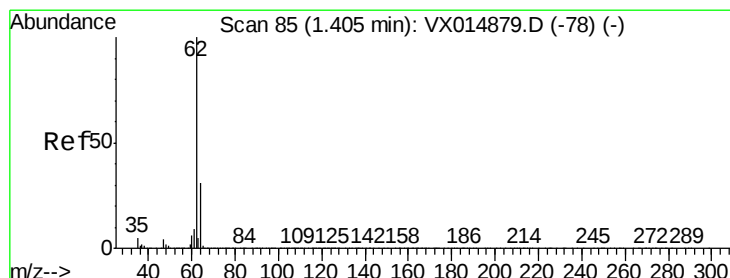
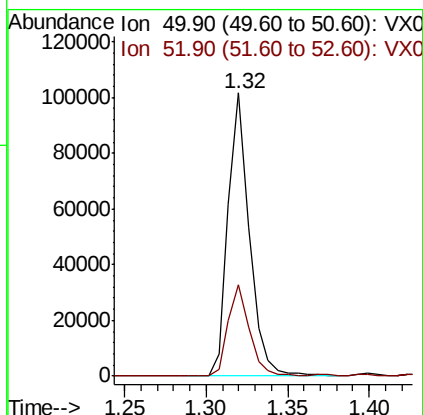
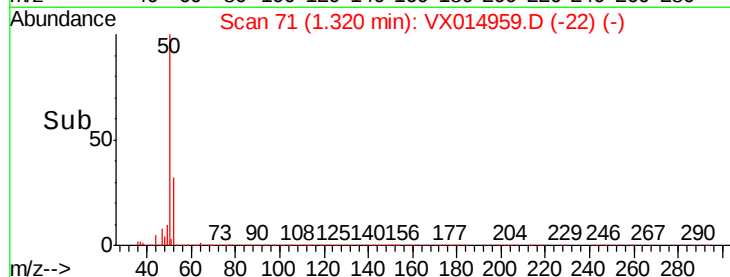
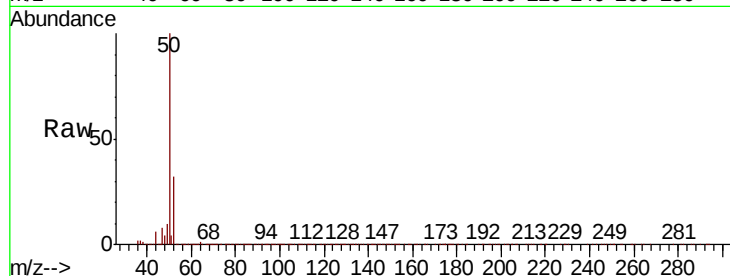
ClientSampleId :

Tot Ion: 50 Resp: 91610

Ion Ratio Lower Upper

50 100

52 32.0 26.2 39.2



#4

Vinyl Chloride

Concen: 17.999 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014959.D

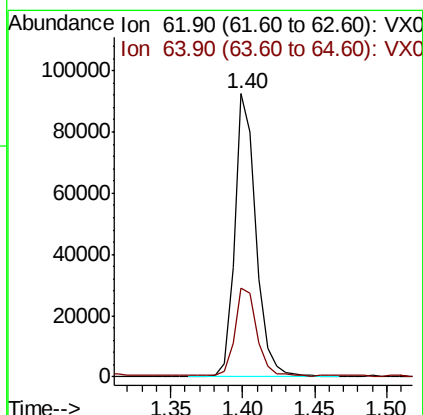
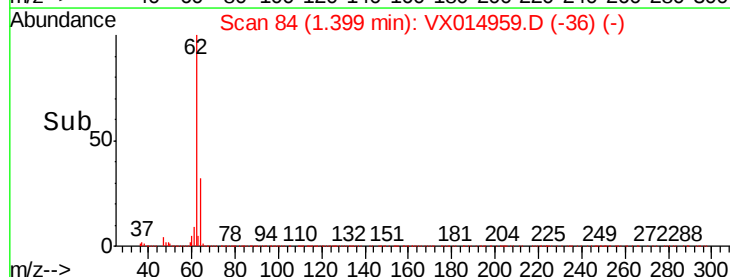
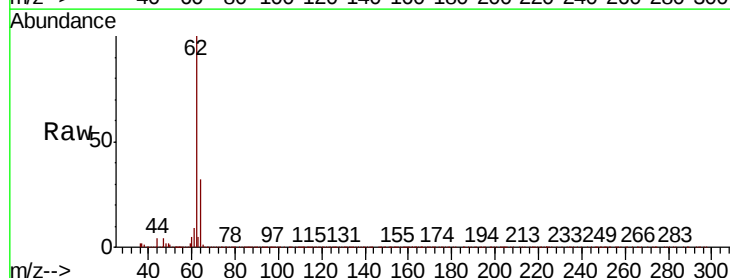
Acq: 19 Feb 2020 11:27

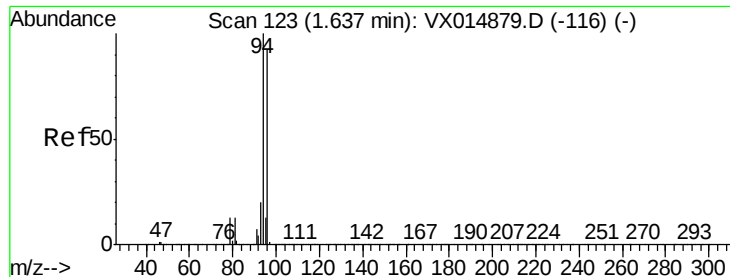
Tgt Ion: 62 Resp: 95349

Ion Ratio Lower Upper

62 100

64 31.0 24.8 37.2





#5

Bromomethane

Concen: 18.646 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

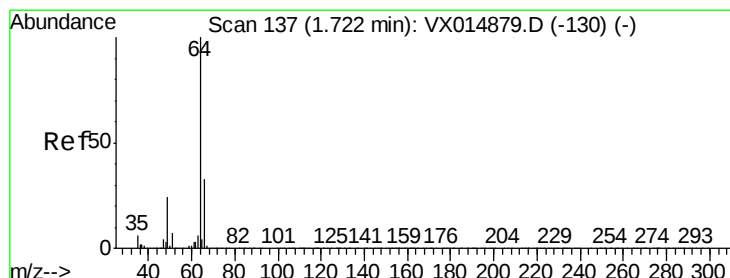
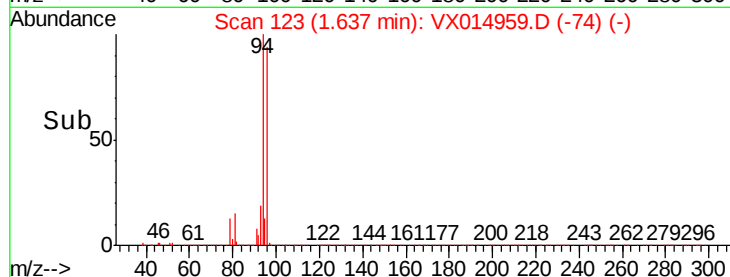
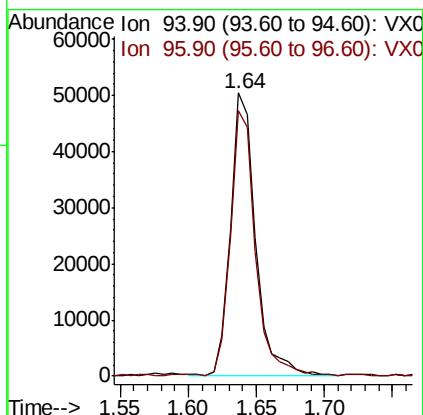
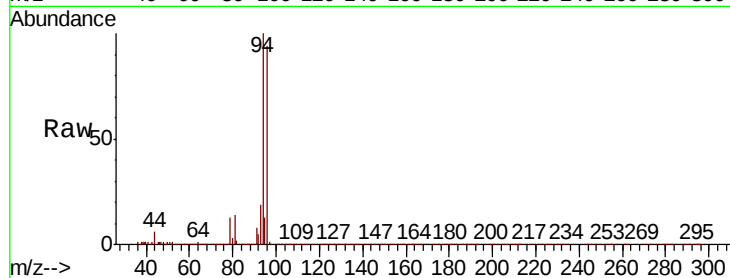
ClientSampleId :

Tot Ion: 94 Resp: 63940

Ion Ratio Lower Upper

94 100

96 93.7 73.7 110.5



#6

Chloroethane

Concen: 18.728 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX014959.D

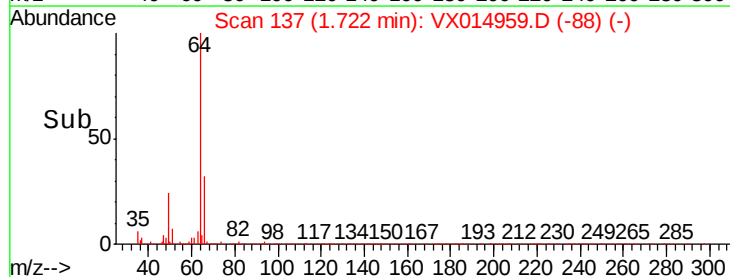
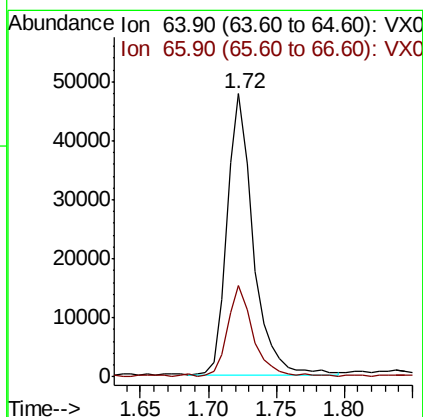
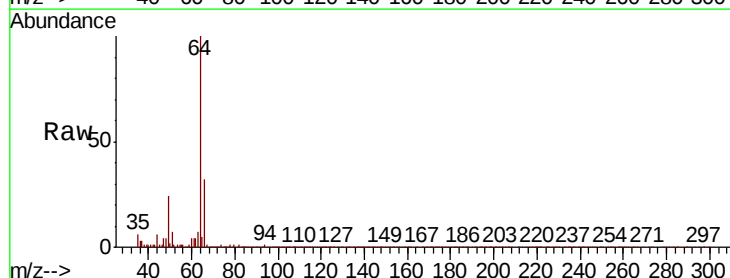
Acq: 19 Feb 2020 11:27

Tgt Ion: 64 Resp: 63481

Ion Ratio Lower Upper

64 100

66 31.9 26.2 39.4



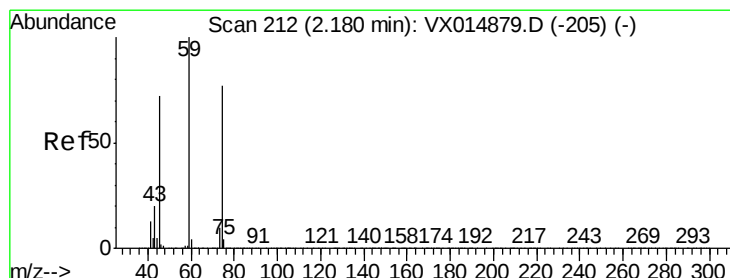
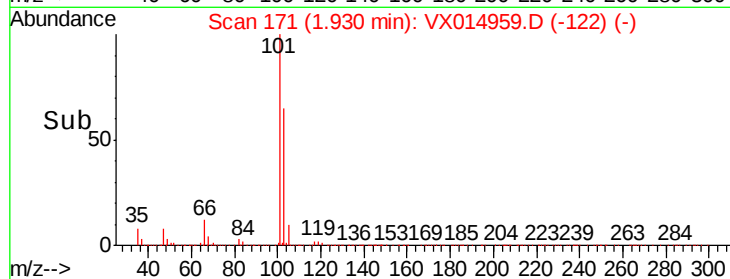
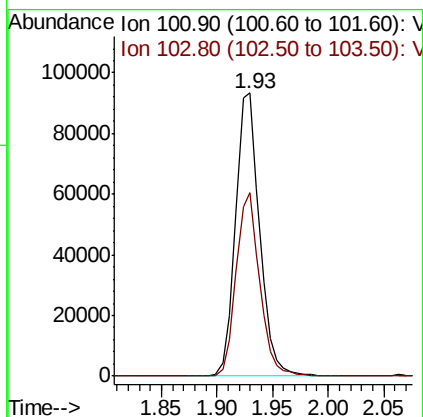
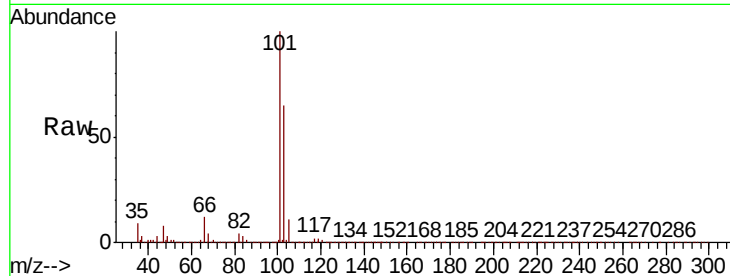


#7

Trichlorofluoromethane
Concen: 18.754 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :

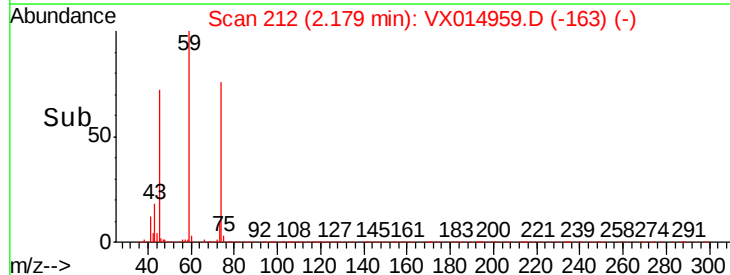
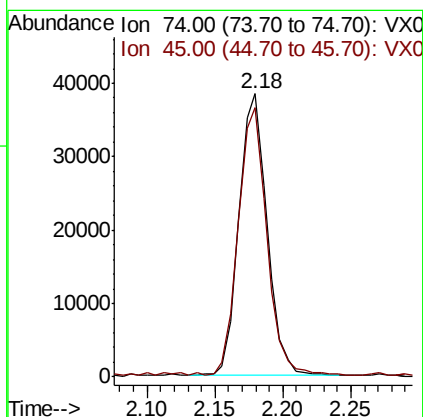
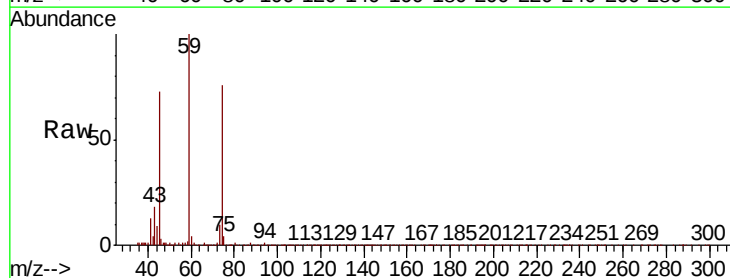
Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.2	78.4

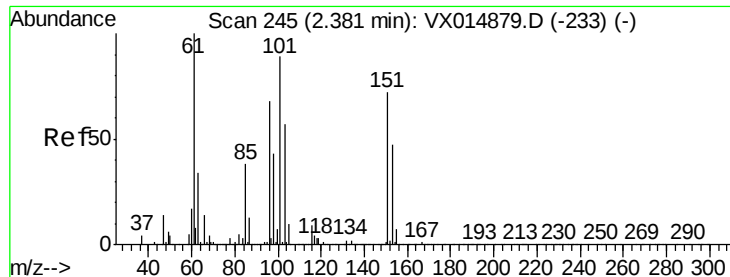


#8

Diethyl Ether
Concen: 18.094 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.4	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.864 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampled :

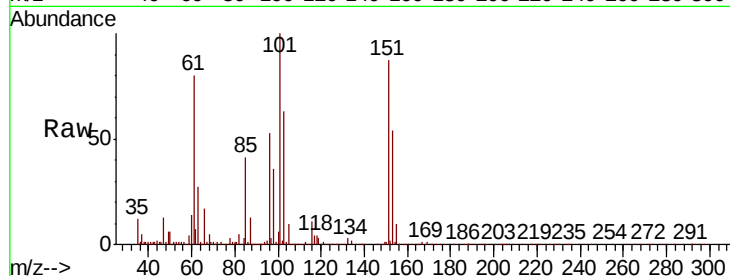
Tot Ion:101 Resp: 81048

Ion Ratio Lower Upper

101 100

85 40.9 34.1 51.1

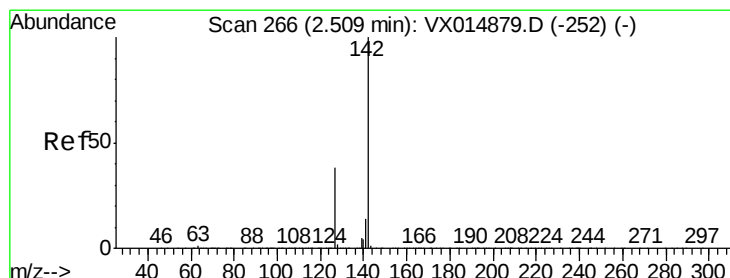
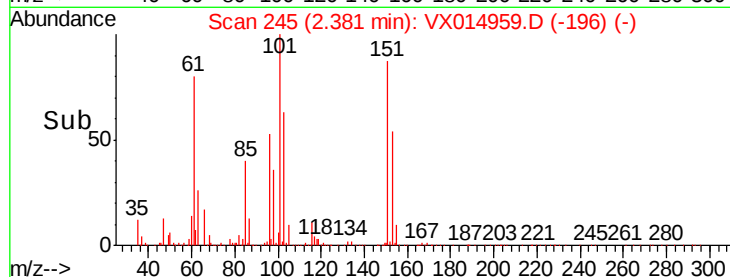
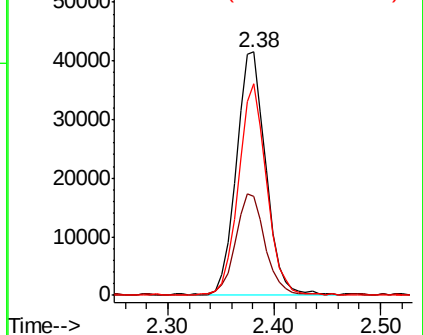
151 82.3 67.3 100.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.843 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

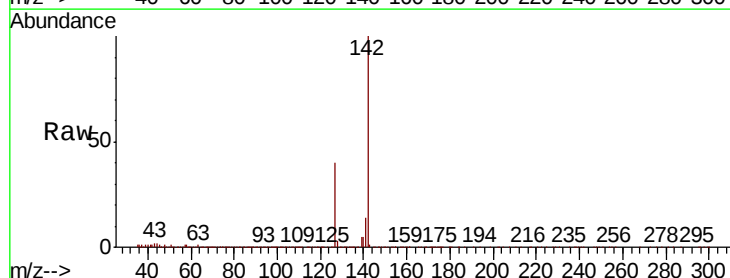
Tgt Ion:142 Resp: 81210

Ion Ratio Lower Upper

142 100

127 39.6 31.1 46.7

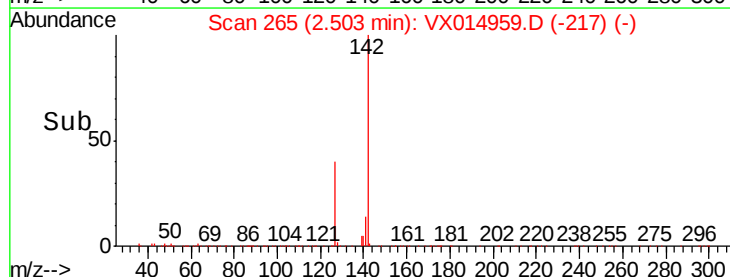
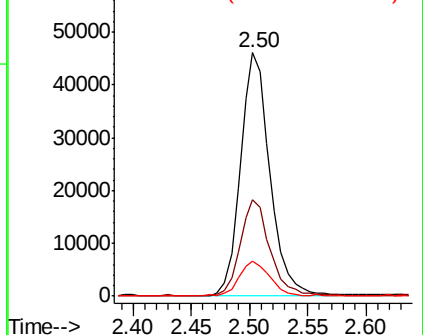
141 15.1 11.3 16.9

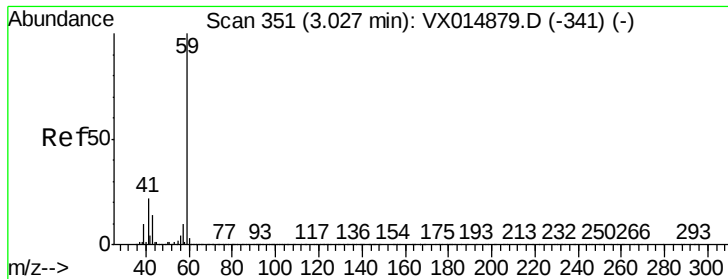


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

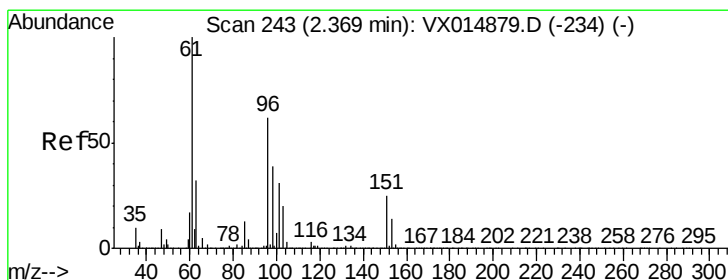
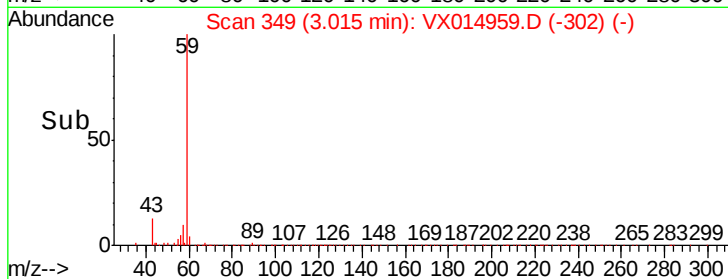
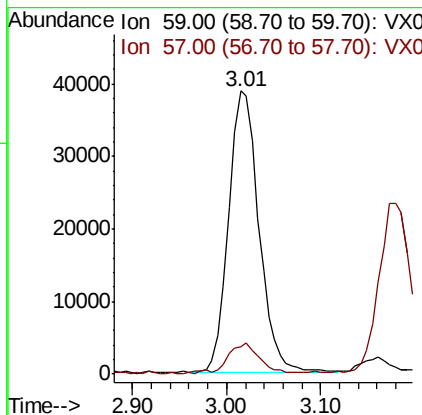
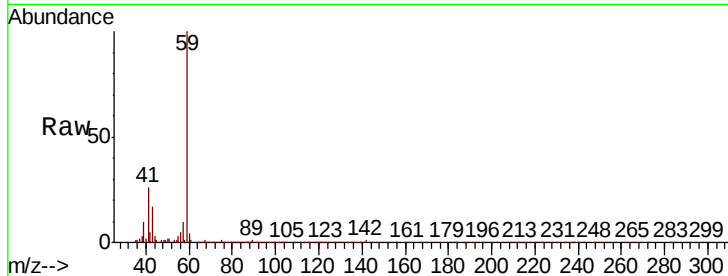




#11
Tert butyl alcohol
Concen: 95.322 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

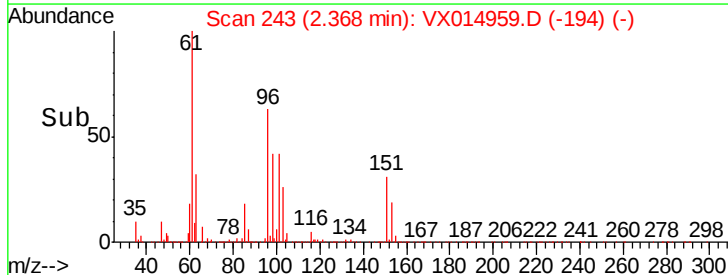
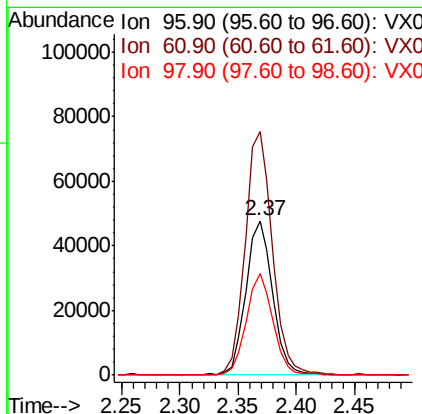
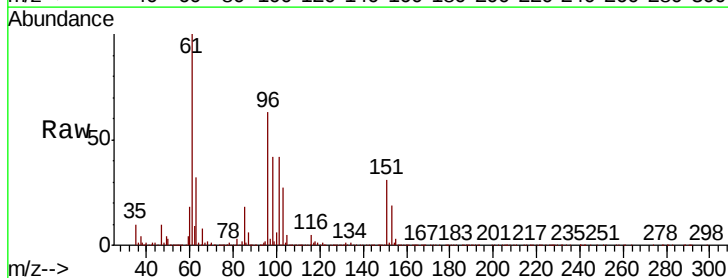
Instrument :
MSVOA_X
ClientSampleId :

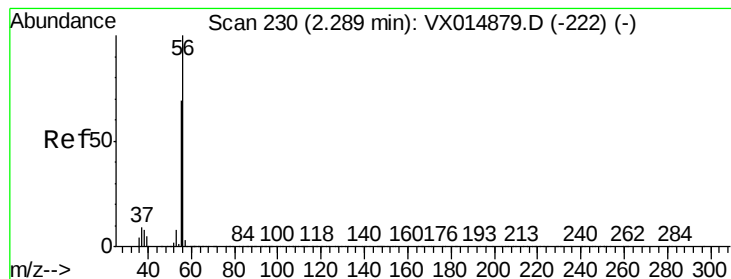
Tot Ion: 59 Resp: 86999
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.243 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion: 96 Resp: 76588
Ion Ratio Lower Upper
96 100
61 157.7 129.5 194.3
98 65.5 50.6 76.0





#13

Acrolein

Concen: 61.397 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

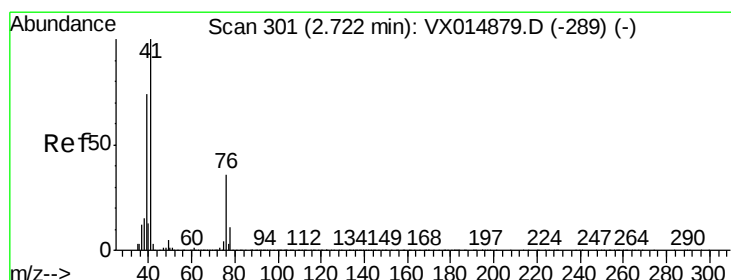
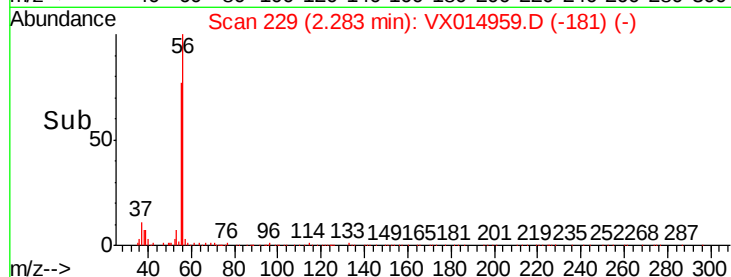
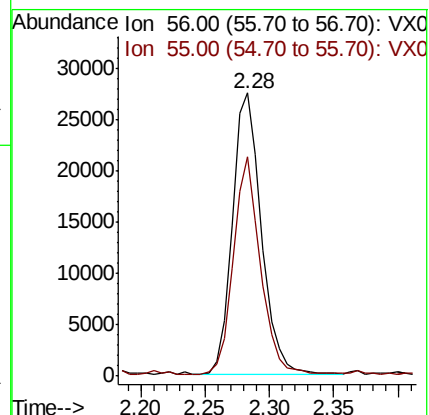
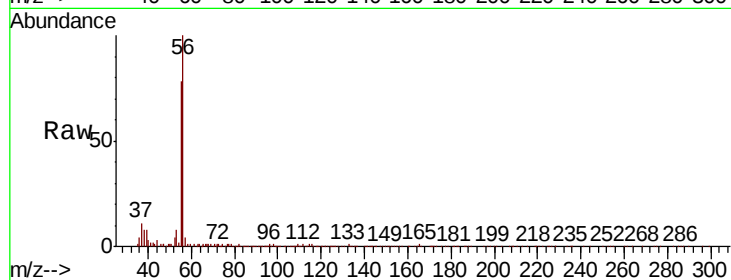
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 42709

Ion Ratio Lower Upper

56 100

55 73.1 55.0 82.4



#14

Allyl chloride

Concen: 17.567 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

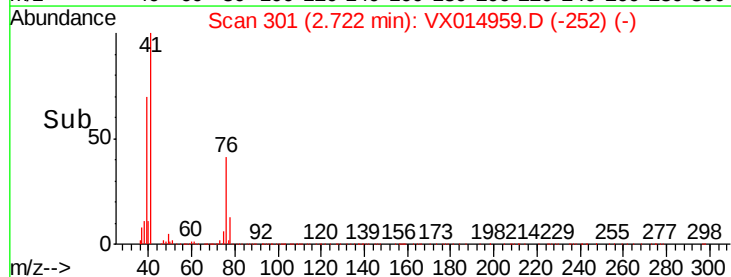
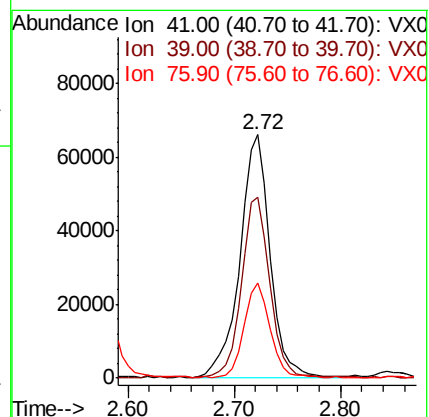
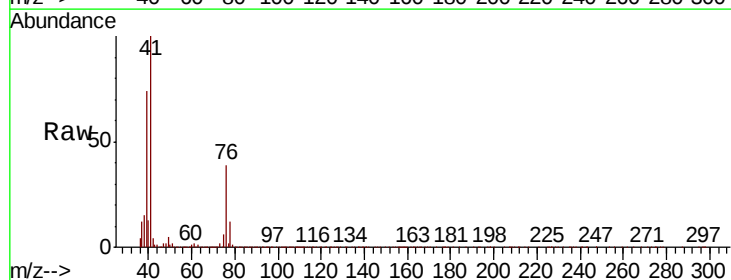
Tgt Ion: 41 Resp: 130757

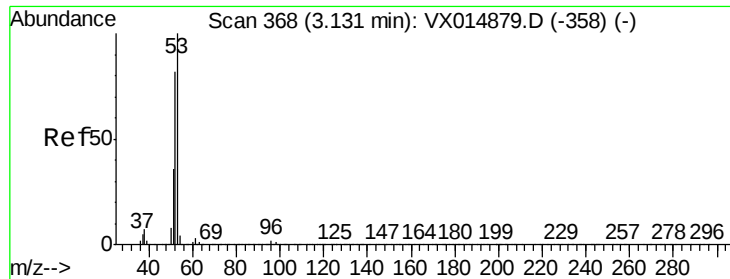
Ion Ratio Lower Upper

41 100

39 71.3 55.2 82.8

76 33.7 26.8 40.2

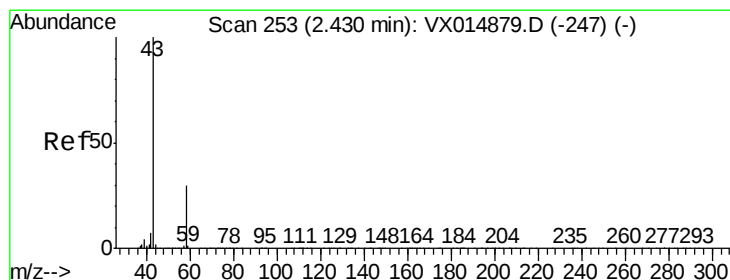
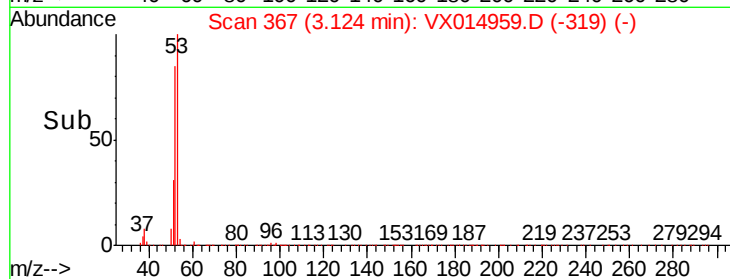
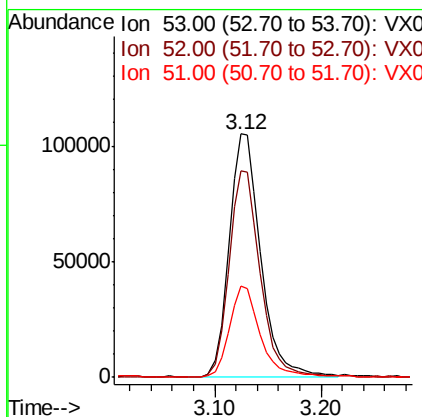
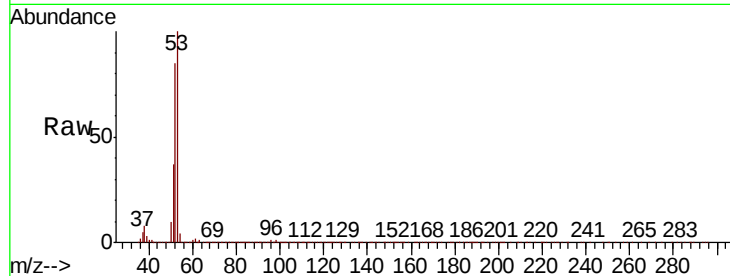




#15
 Acrylonitrile
 Concen: 94.042 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

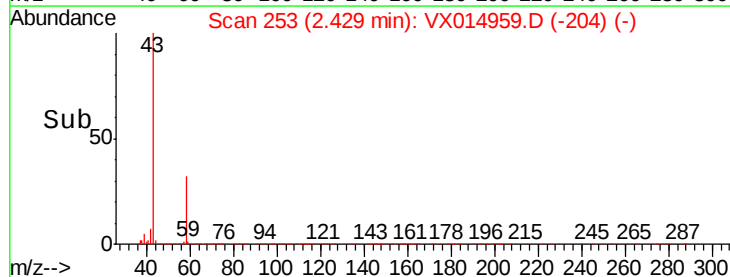
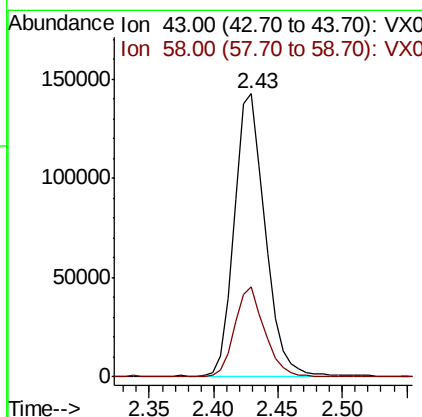
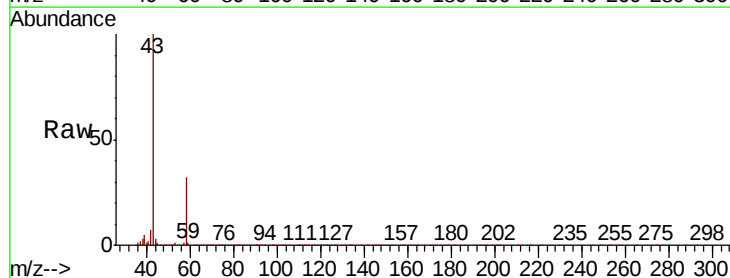
Instrument :
 MSVOA_X
 ClientSampled :

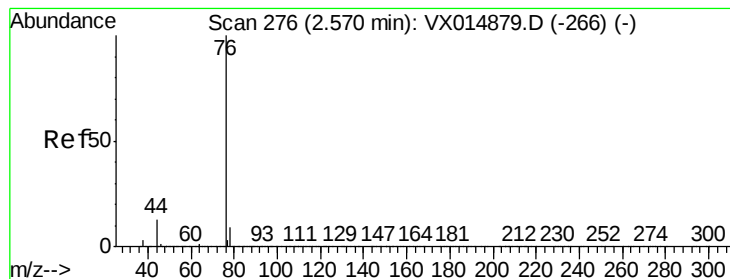
Tot Ion	53	Resp	217588
Ion	Ratio	Lower	Upper
53	100		
52	83.9	65.8	98.6
51	36.3	29.1	43.7



#16
 Acetone
 Concen: 77.205 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

Tgt Ion	43	Resp	235351
Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.1	36.1





#17

Carbon Disulfide

Concen: 16.780 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

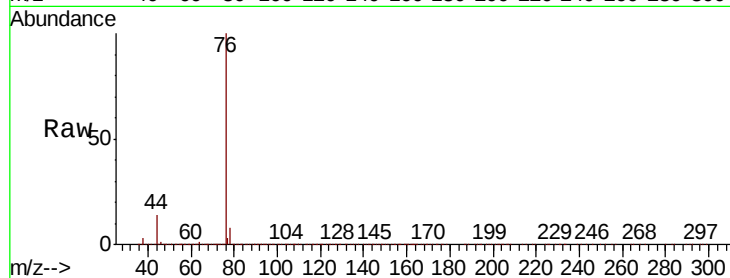
ClientSampled :

Tot Ion: 76 Resp: 196832

Ion Ratio Lower Upper

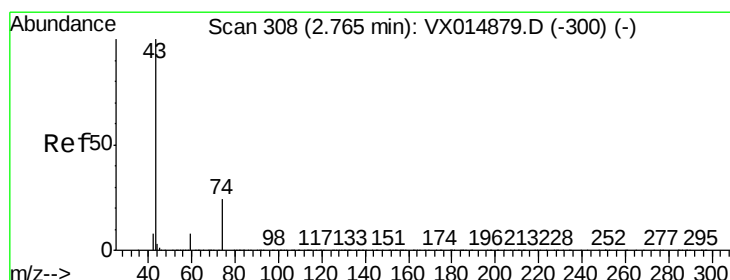
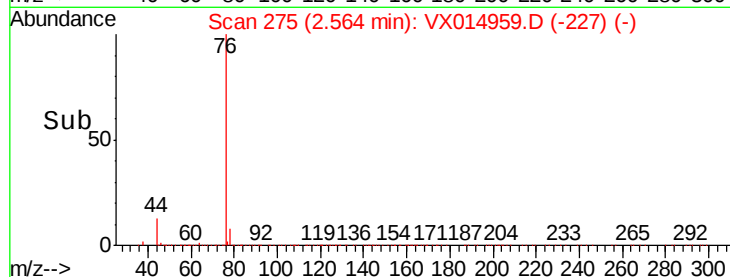
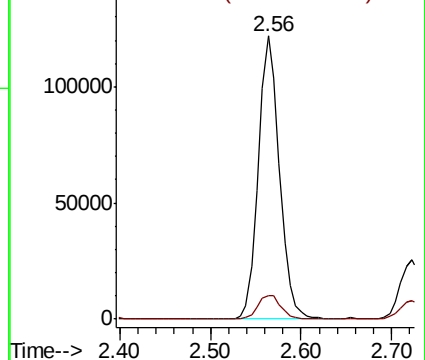
76 100

78 7.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.364 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014959.D

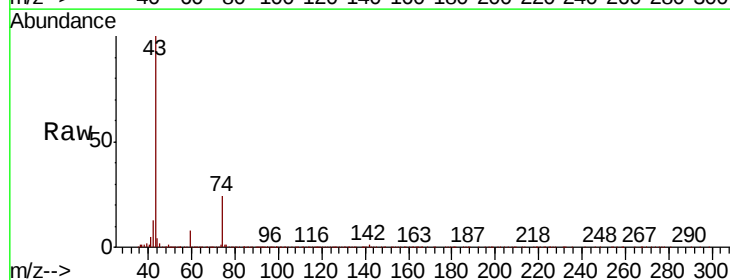
Acq: 19 Feb 2020 11:27

Tgt Ion: 43 Resp: 106018

Ion Ratio Lower Upper

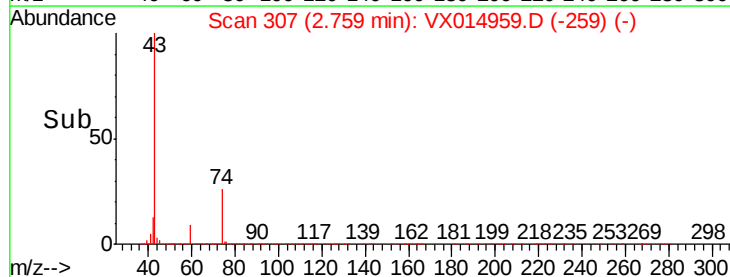
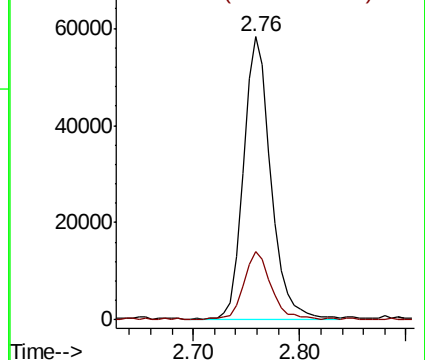
43 100

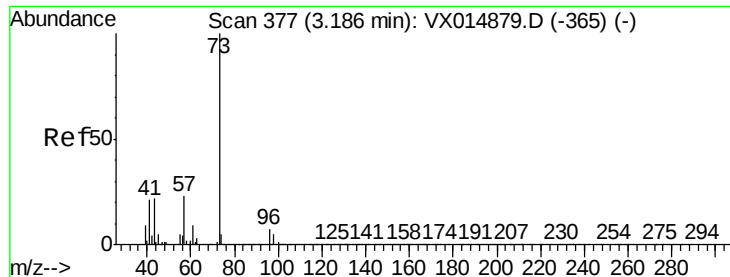
74 24.3 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

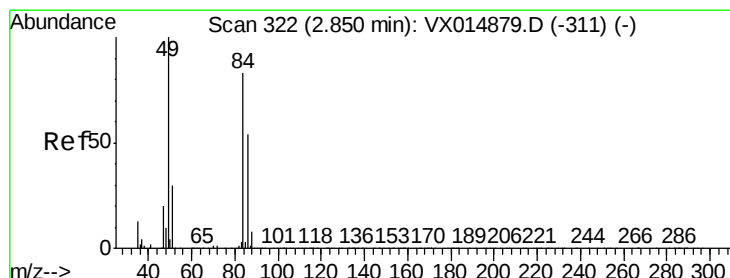
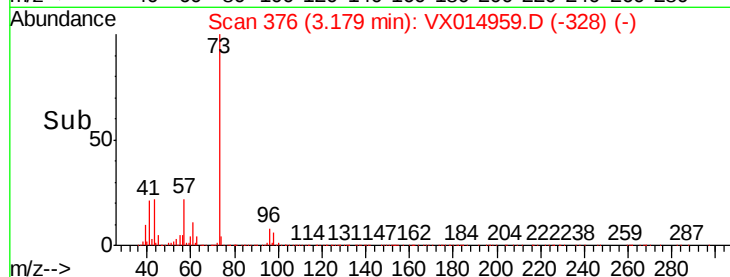
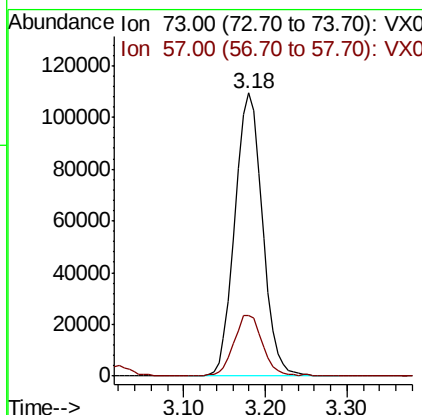
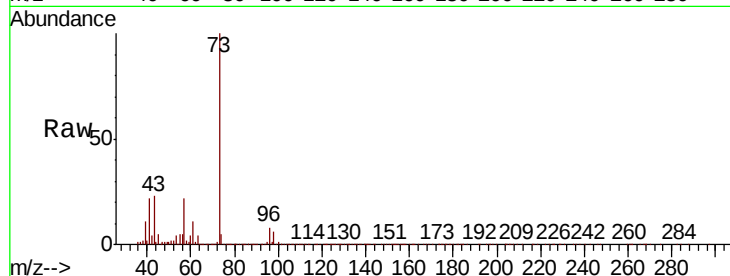




#19
Methvl tert-butvl Ether
Concen: 18.769 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

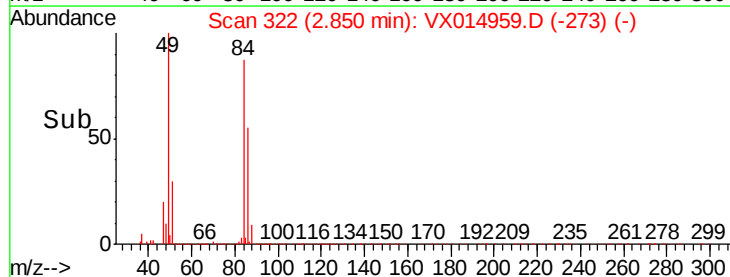
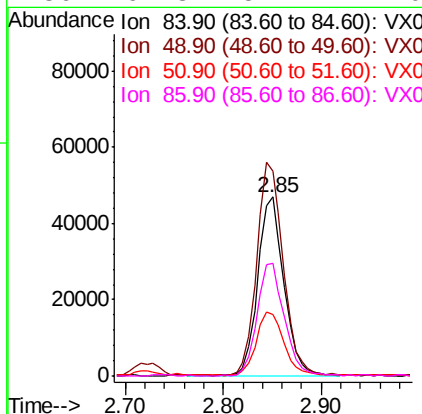
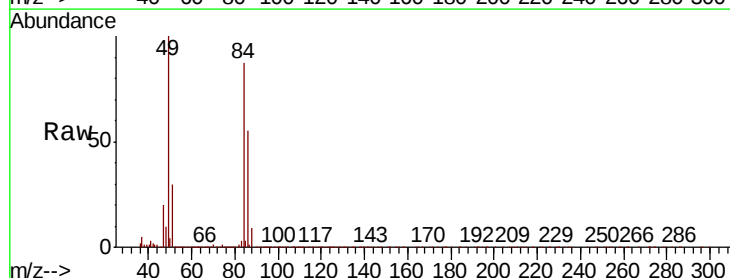
Instrument :
MSVOA_X
ClientSampleId :

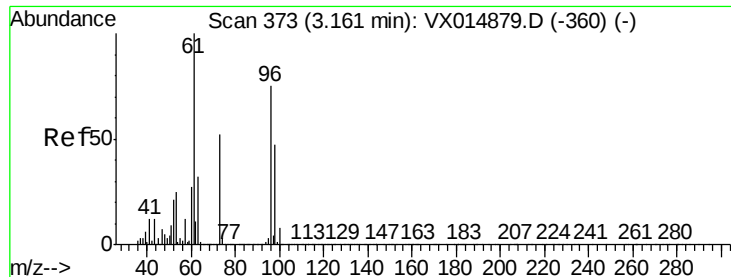
Tot Ion: 73 Resp: 256450
Ion Ratio Lower Upper
73 100
57 21.4 18.2 27.4



#20
Methylene Chloride
Concen: 17.453 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion: 84 Resp: 86786
Ion Ratio Lower Upper
84 100
49 113.8 95.6 143.4
51 33.6 29.0 43.6
86 62.3 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.057 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

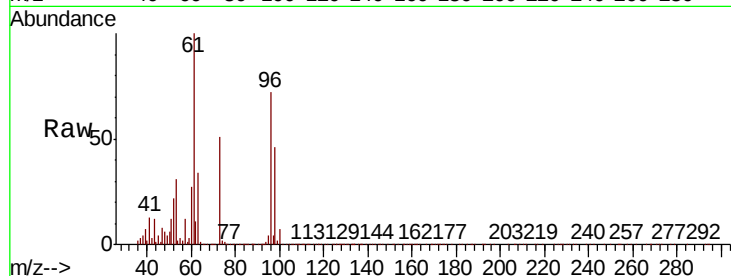
Tot Ion: 96 Resp: 83649

Ion Ratio Lower Upper

96 100

61 139.1 106.9 160.3

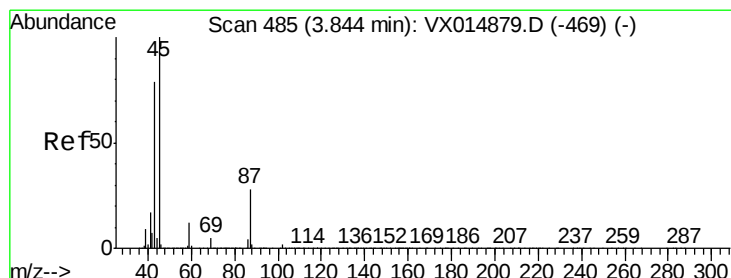
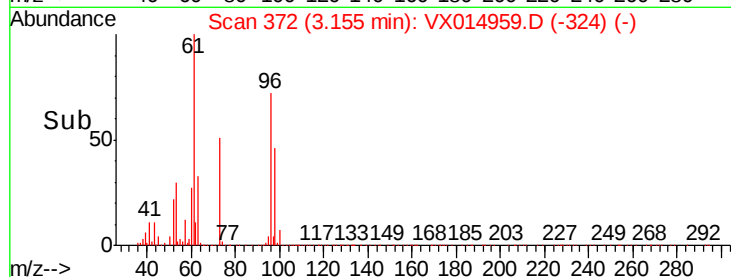
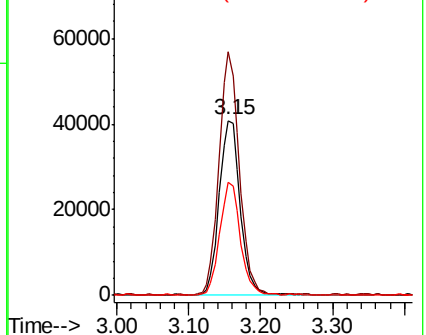
98 64.5 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.106 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Tgt Ion: 45 Resp: 271615

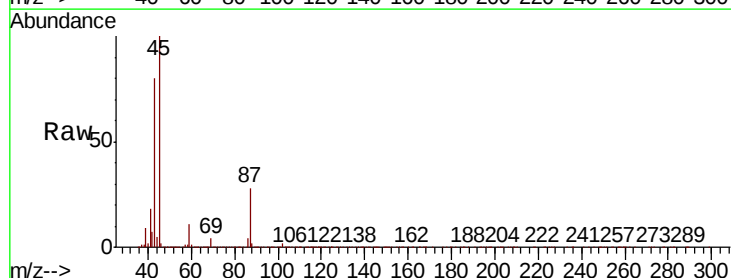
Ion Ratio Lower Upper

45 100

43 79.4 63.5 95.3

87 28.0 22.2 33.4

59 11.0 9.4 14.0

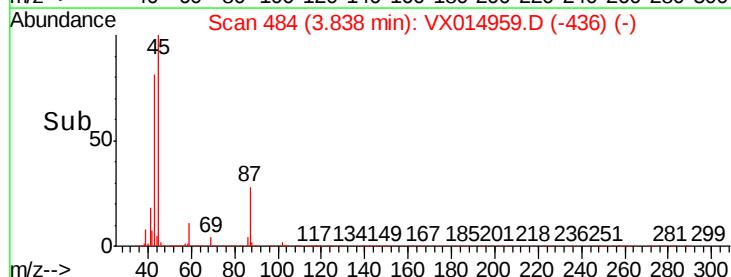
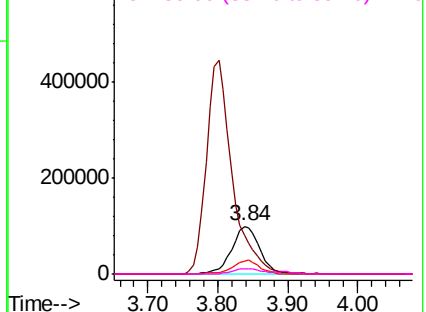


Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 97.430 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

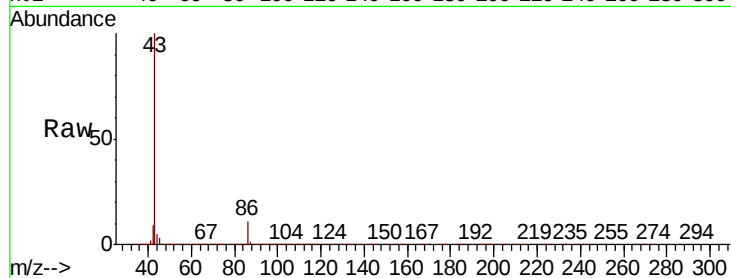
ClientSampled :

Tot Ion: 43 Resp: 1141791

Ion Ratio Lower Upper

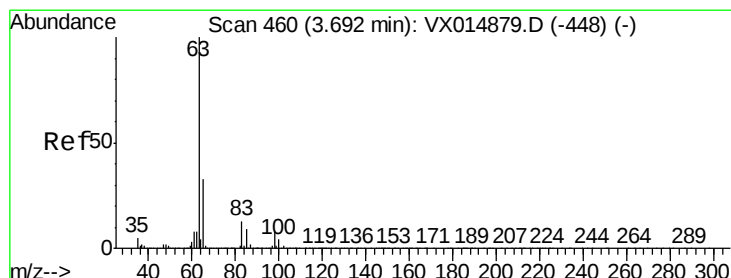
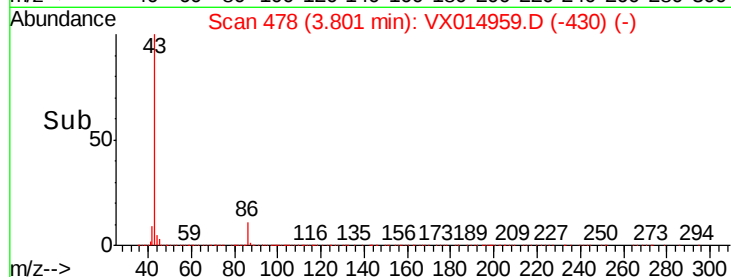
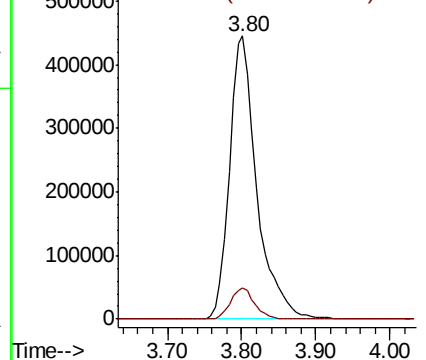
43 100

86 10.8 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.718 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

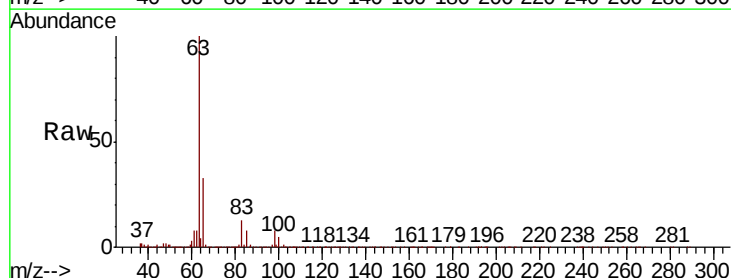
Tgt Ion: 63 Resp: 150183

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

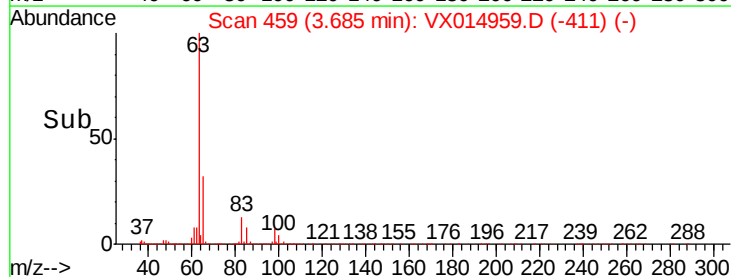
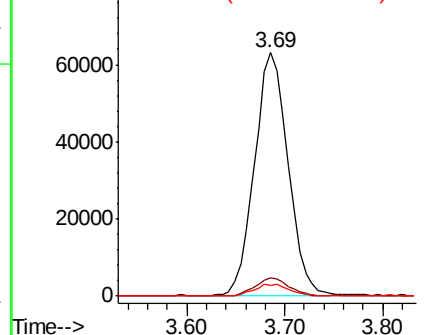
100 4.4 2.2 6.6

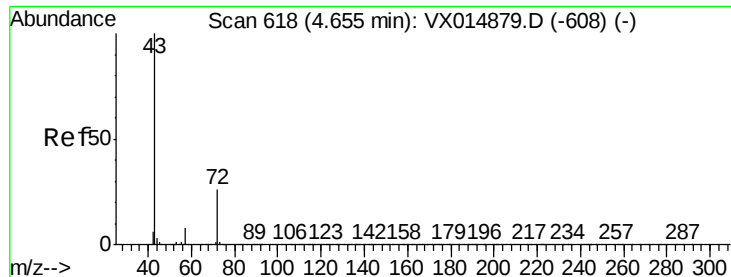


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 90.717 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

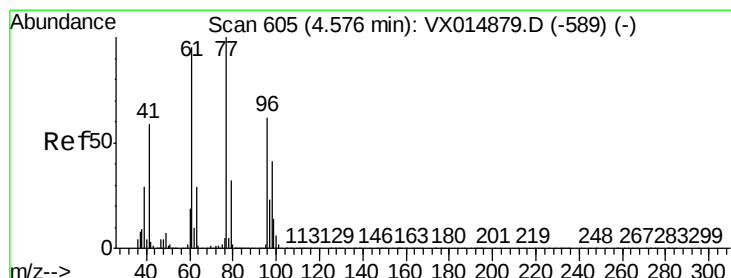
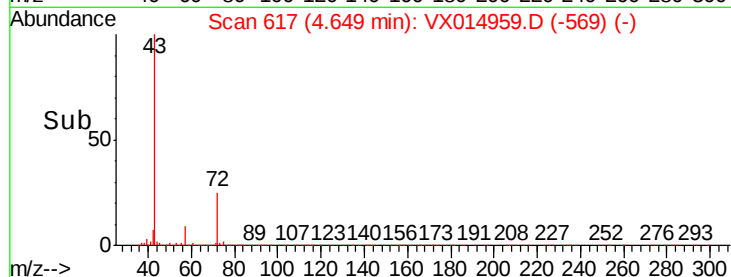
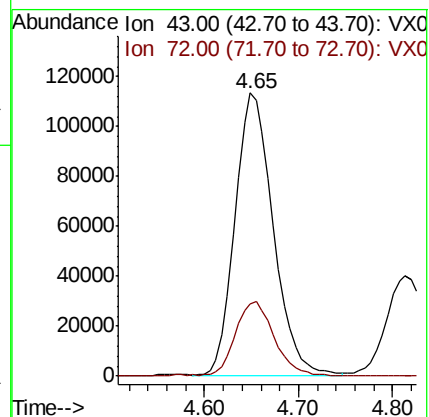
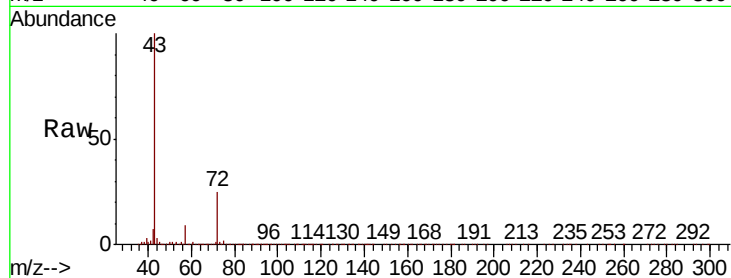
ClientSampleId :

Tot Ion: 43 Resp: 319247

Ion Ratio Lower Upper

43 100

72 25.2 21.0 31.6



#26

2,2-Dichloropropane

Concen: 18.021 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014959.D

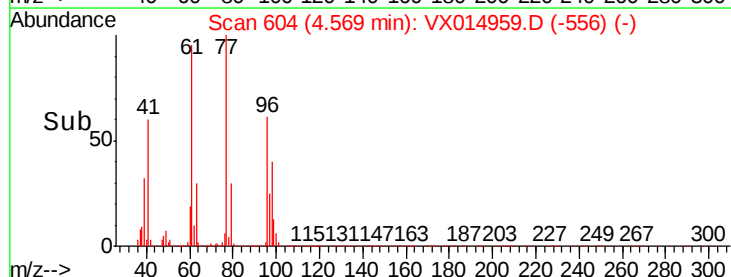
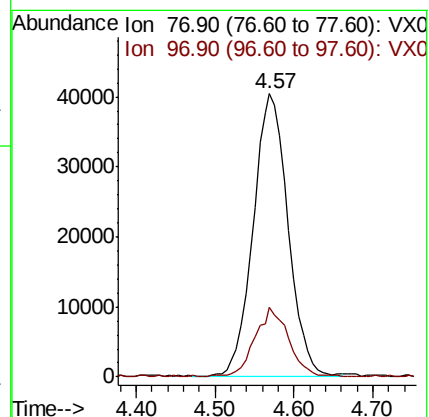
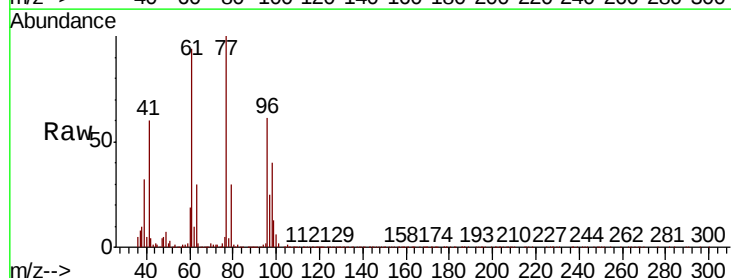
Acq: 19 Feb 2020 11:27

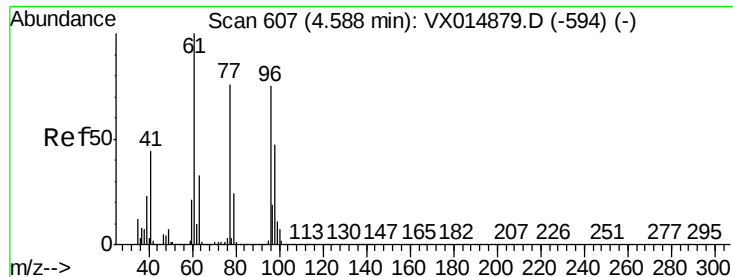
Tgt Ion: 77 Resp: 124604

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.5



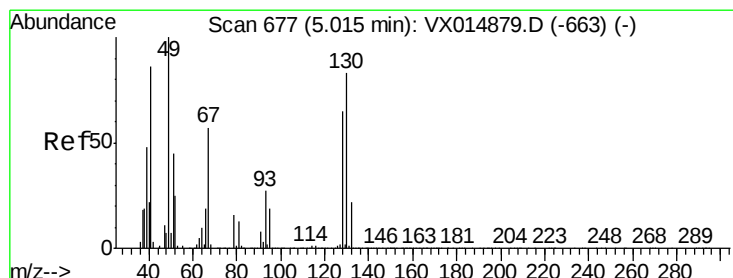
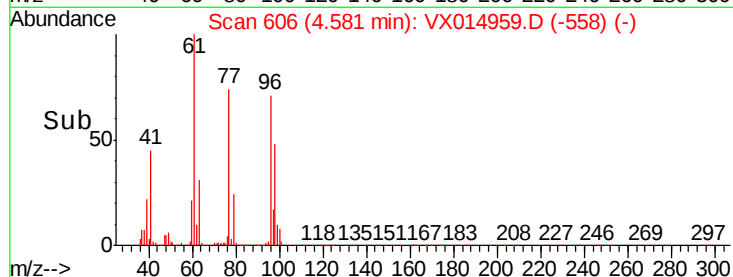
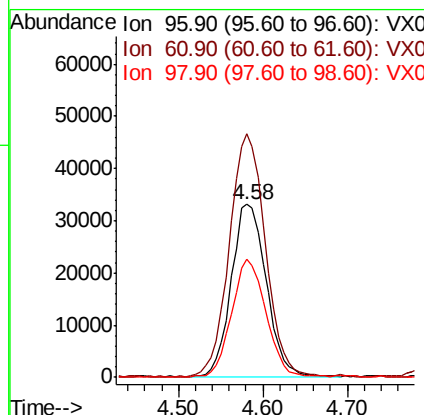
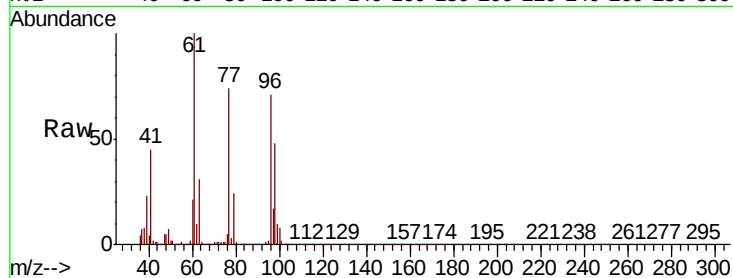


#27

cis-1,2-Dichloroethene
Concen: 18.088 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :

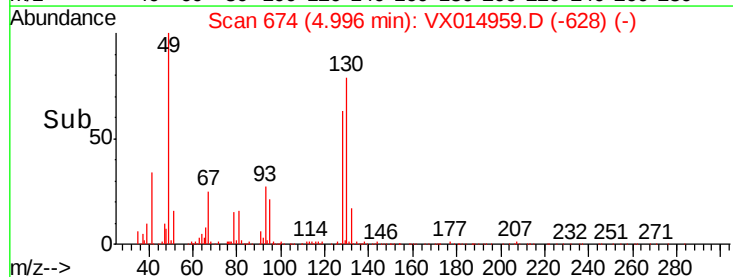
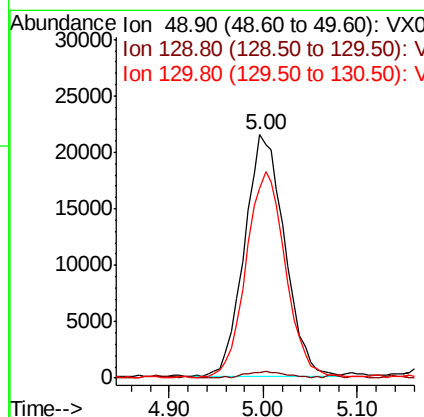
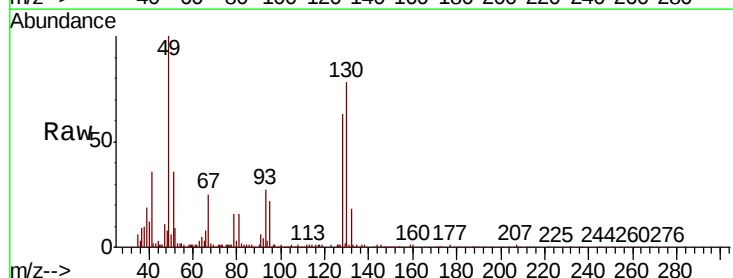
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	286.2
98	65.7	0.0	131.0

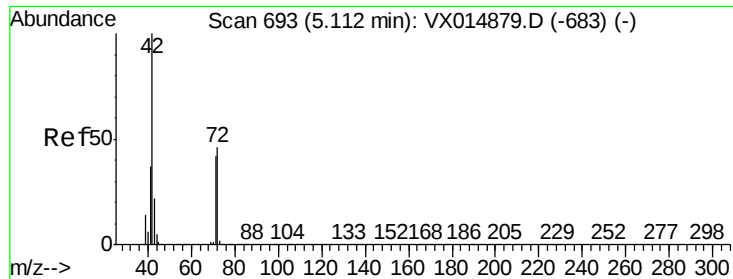


#28

Bromochloromethane
Concen: 20.430 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.02 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.2
130	83.7	67.4	101.2





#29

Tetrahydrofuran

Concen: 96.565 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

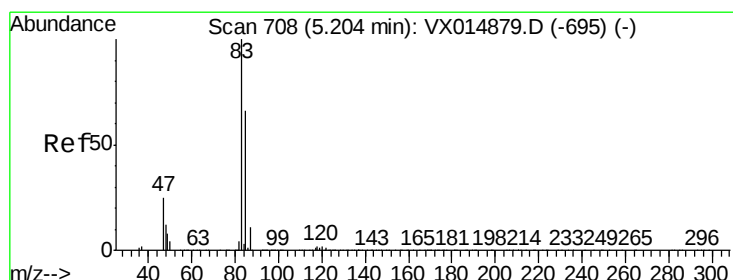
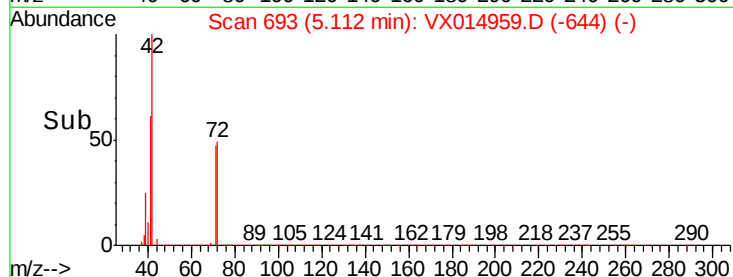
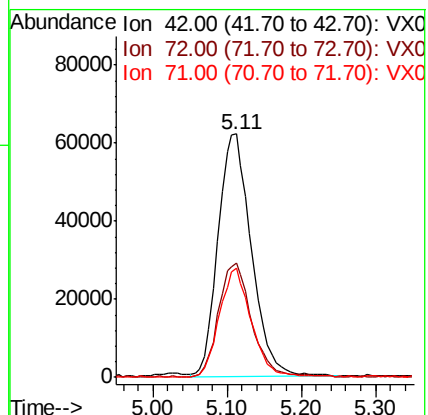
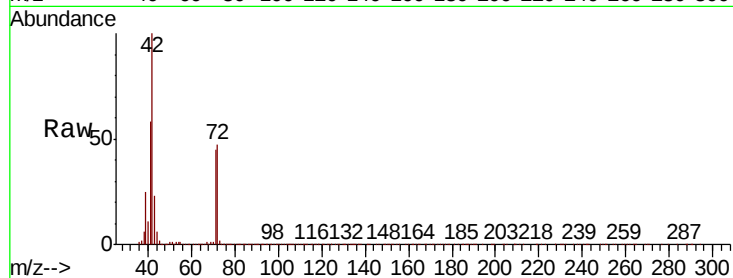
Tot Ion: 42 Resp: 193181

Ion Ratio Lower Upper

42 100

72 46.2 36.9 55.3

71 42.6 34.1 51.1



#30

Chloroform

Concen: 18.910 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014959.D

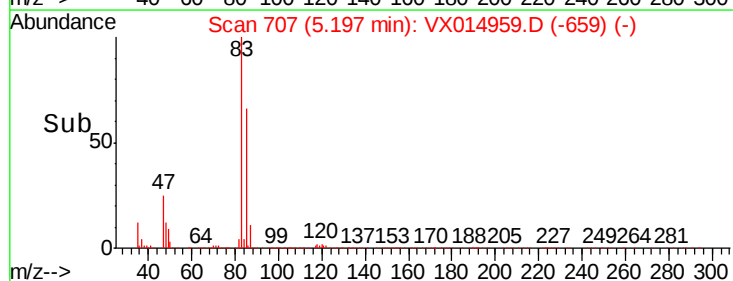
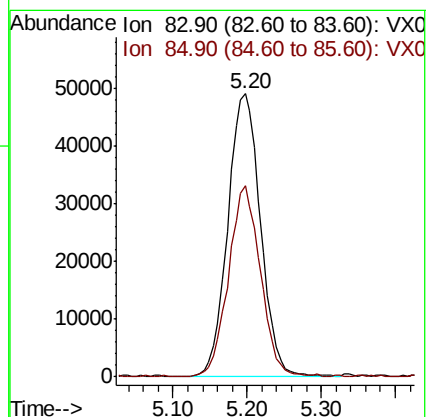
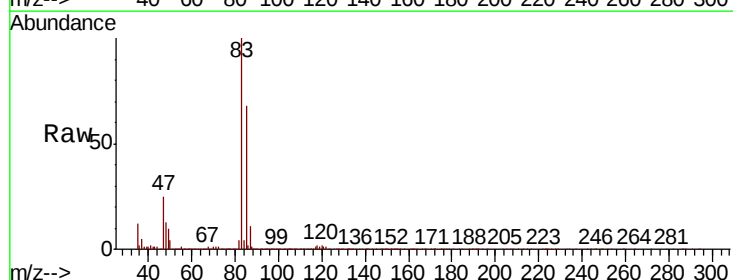
Acq: 19 Feb 2020 11:27

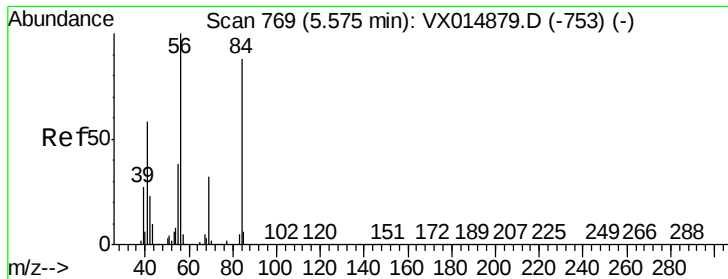
Tgt Ion: 83 Resp: 150528

Ion Ratio Lower Upper

83 100

85 67.6 52.9 79.3

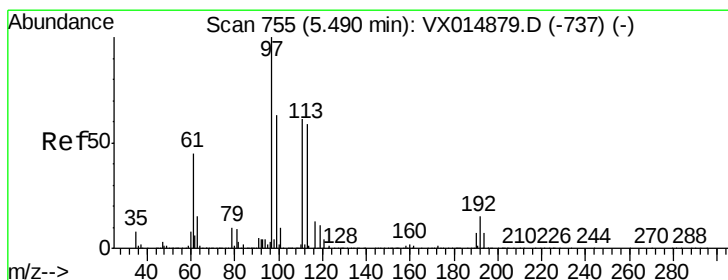
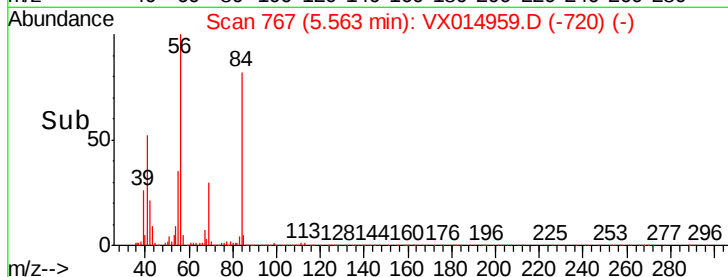
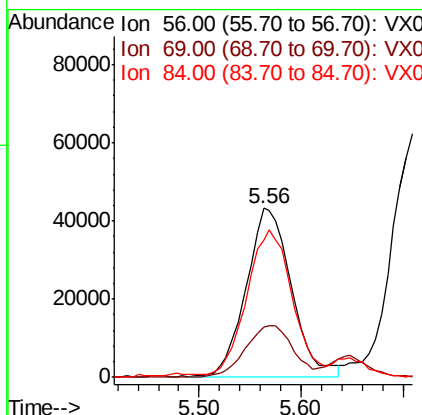
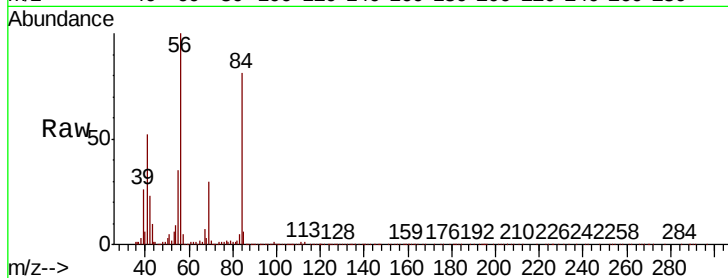




#31
Cyclohexane
Concen: 18.335 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

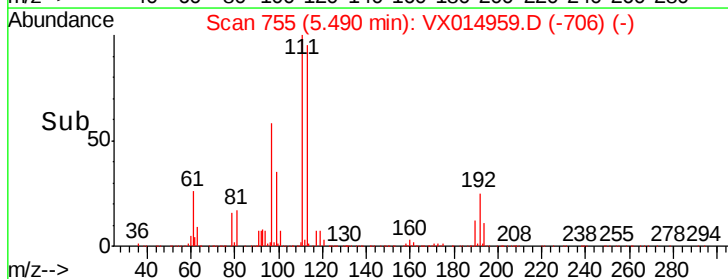
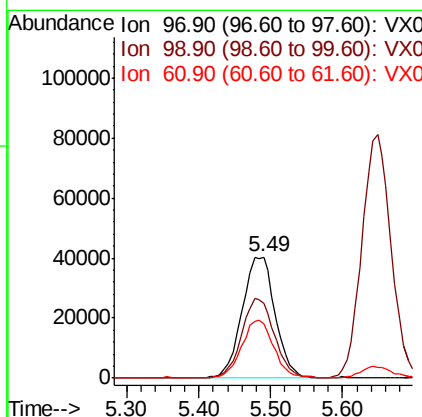
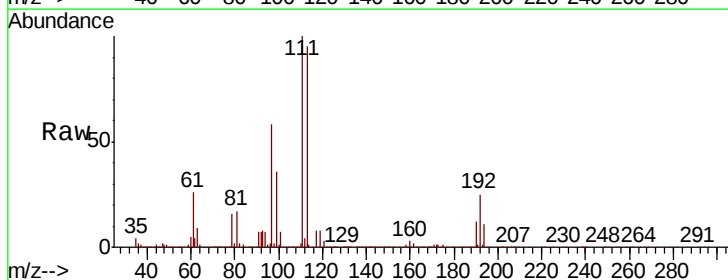
Instrument :
MSVOA_X
ClientSampleId :

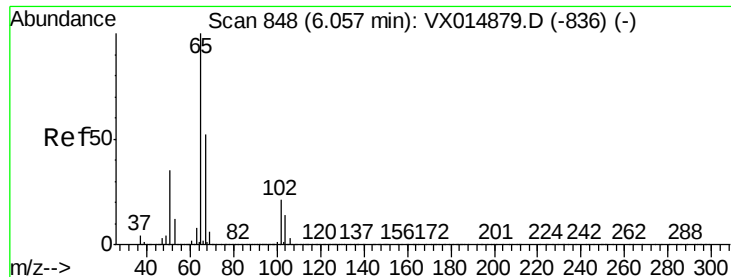
Tot Ion: 56 Resp: 133987
Ion Ratio Lower Upper
56 100
69 29.9 25.9 38.9
84 79.5 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 18.476 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion: 97 Resp: 128657
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.6
61 45.6 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 48.853 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

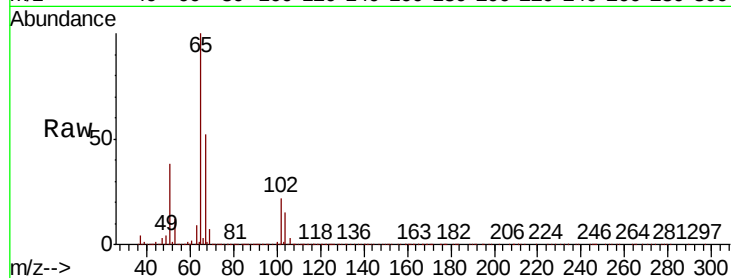
ClientSampleId :

Tot Ion: 65 Resp: 252529

Ion Ratio Lower Upper

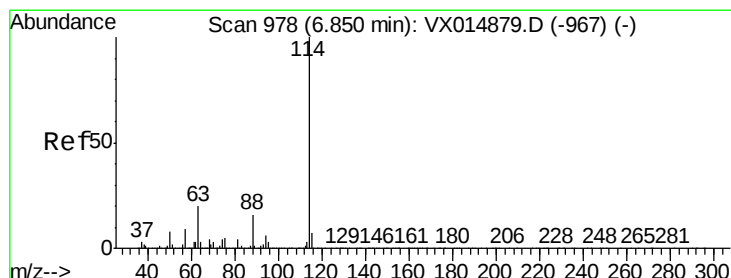
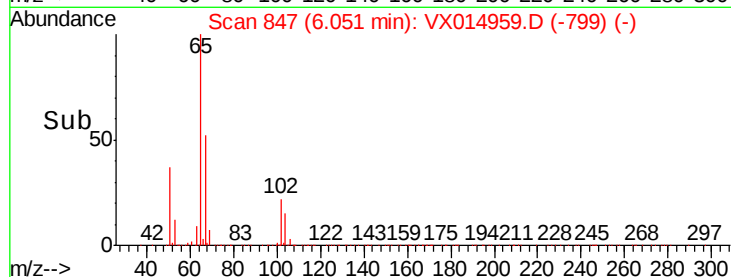
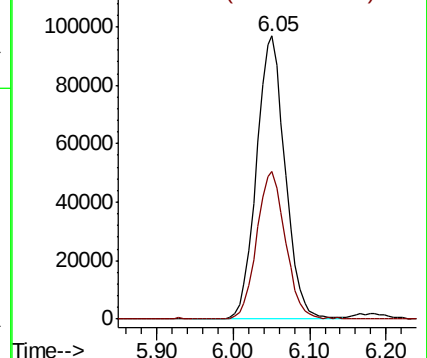
65 100

67 52.2 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: VX014959.D

Acq: 19 Feb 2020 11:27

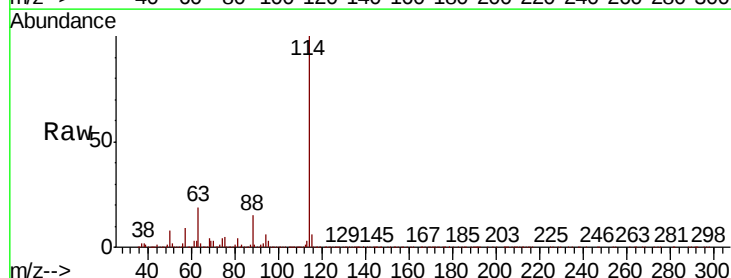
Tgt Ion: 114 Resp: 669437

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

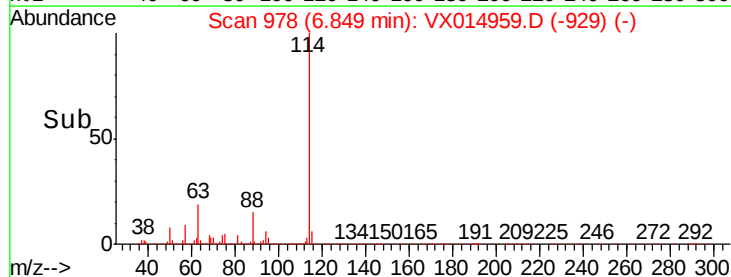
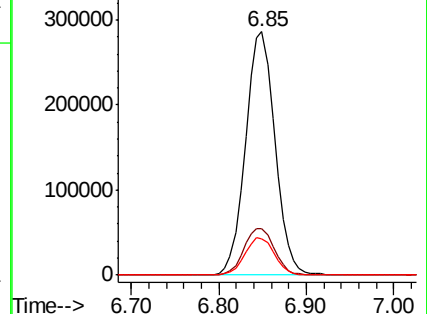
88 14.9 0.0 32.0

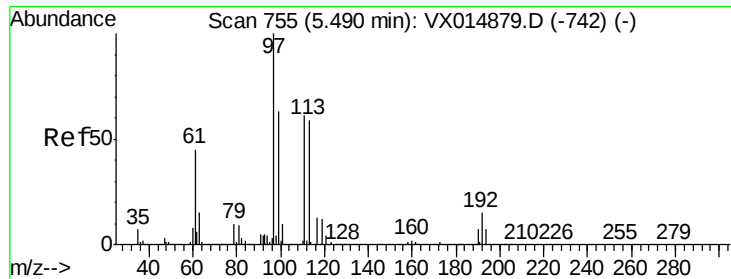


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

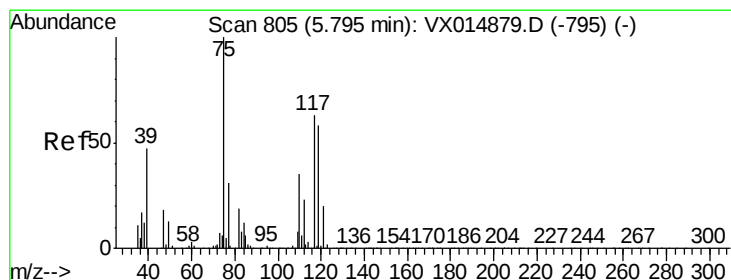
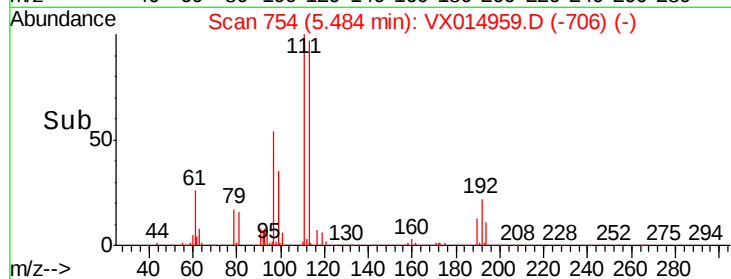
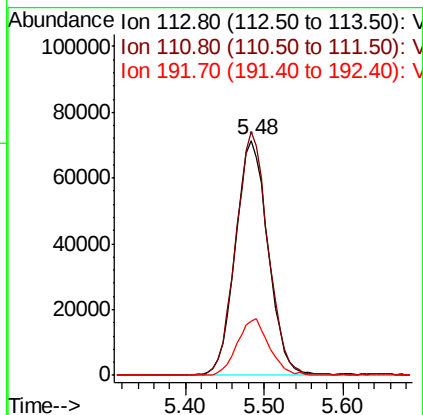
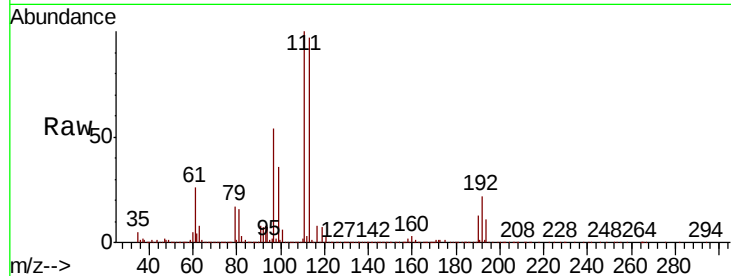




#35
 Dibromofluoromethane
 Concen: 49.779 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

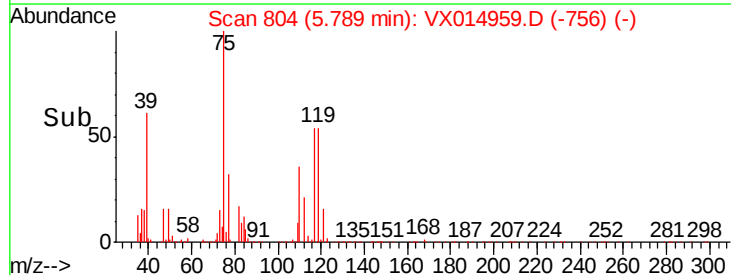
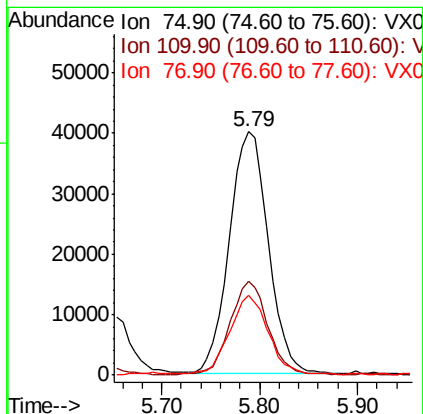
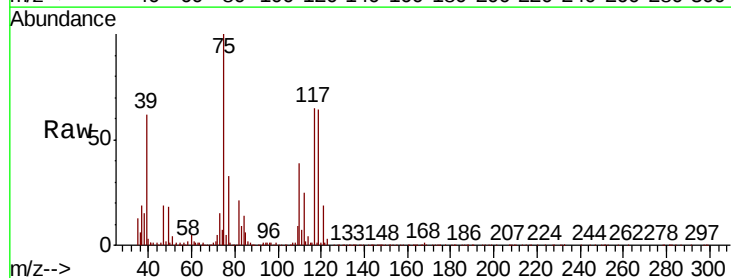
Instrument :
 MSVOA_X
 ClientSampleId :

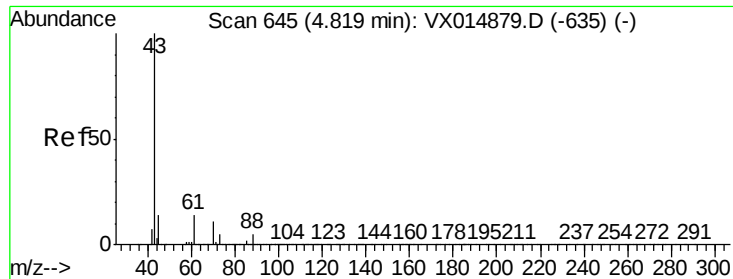
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	23.7	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 18.480 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.3	54.8
77	32.0	24.6	36.8

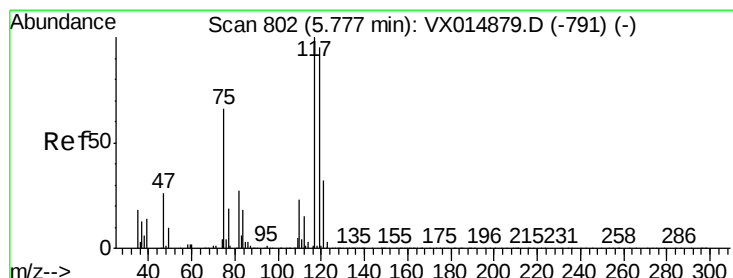
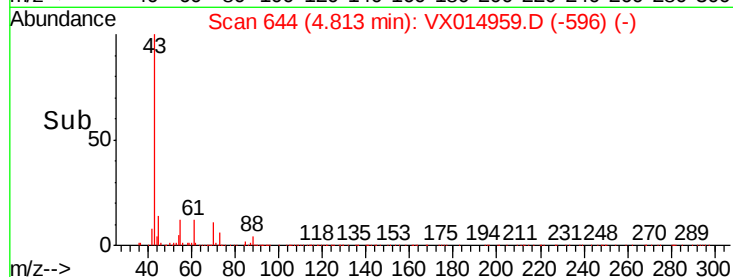
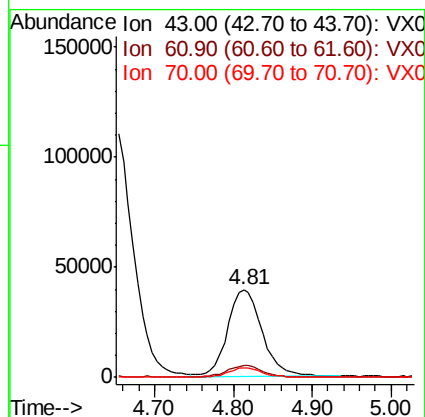
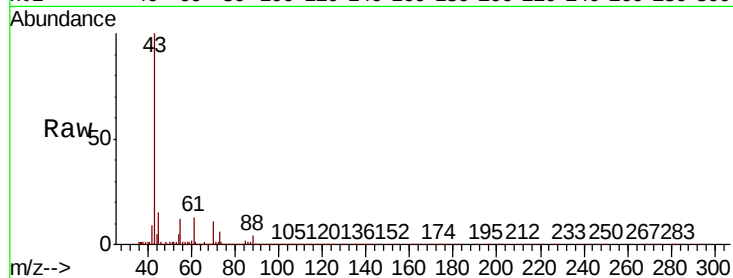




#37
Ethyl Acetate
Concen: 19.139 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

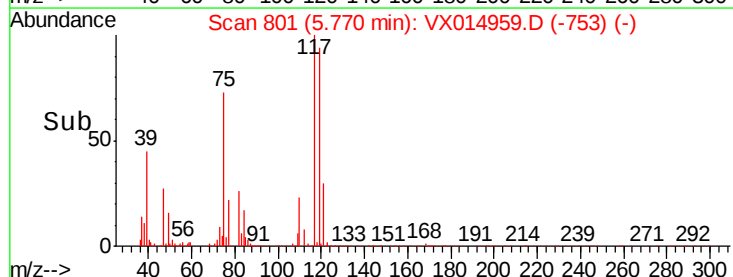
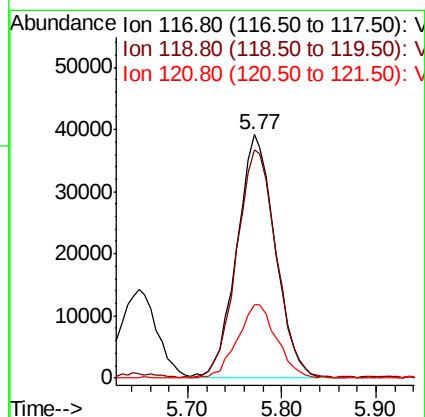
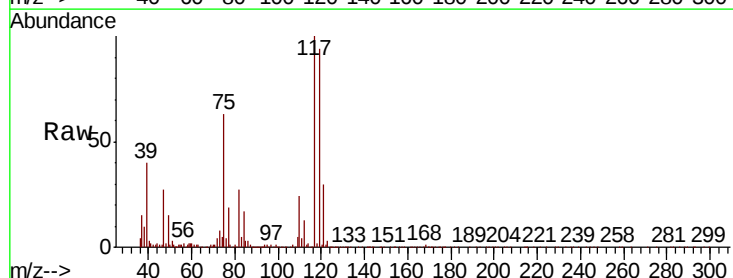
Instrument :
MSVOA_X
ClientSampled :

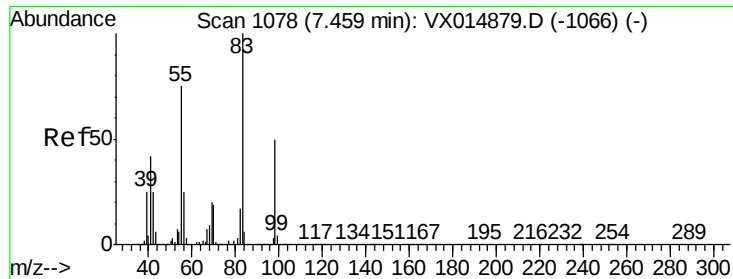
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.9	16.3
70	11.5	8.7	13.1



#38
Carbon Tetrachloride
Concen: 18.917 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.0	114.0
121	30.2	25.4	38.2

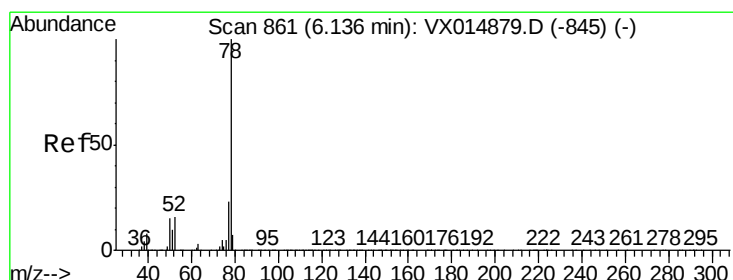
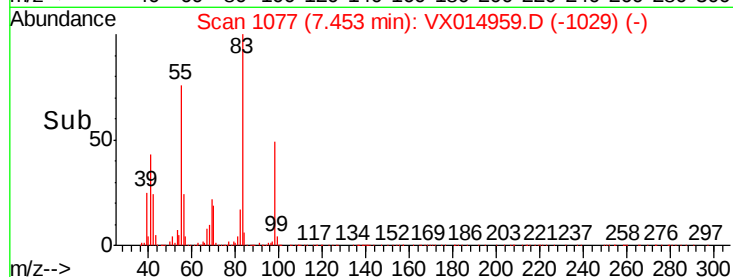
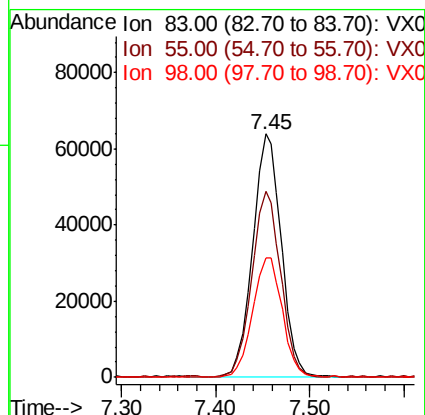
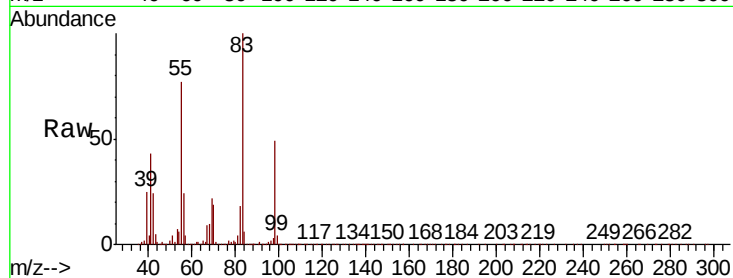




#39
Methvlcvclohexane
Concen: 18.195 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

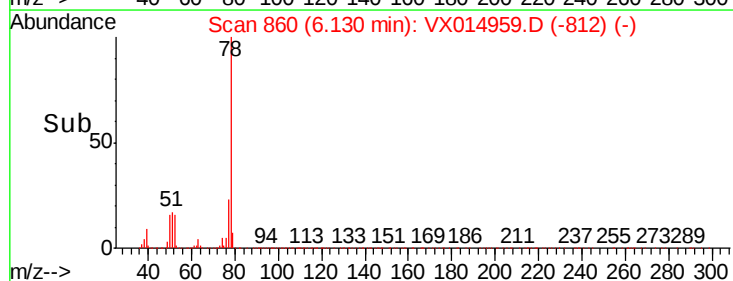
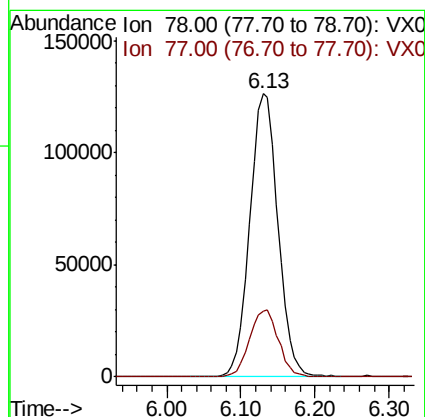
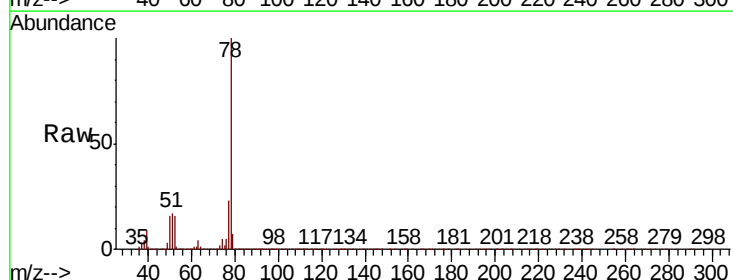
Instrument :
MSVOA_X
ClientSampleId :

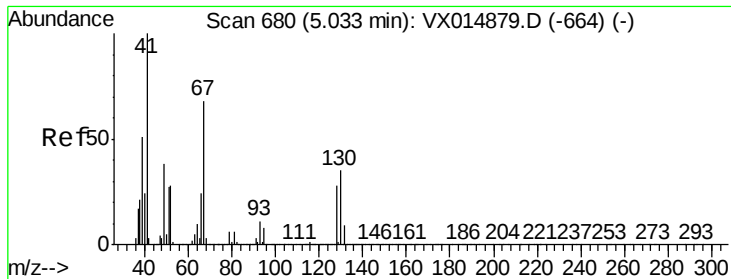
Tot Ion	83.00	Resp	136268
Ion Ratio	Lower	Upper	
83	100		
55	76.3	60.0	90.0
98	48.7	39.6	59.4



#40
Benzene
Concen: 18.763 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	78.00	Resp	335711
Ion Ratio	Lower	Upper	
78	100		
77	23.0	18.8	28.2

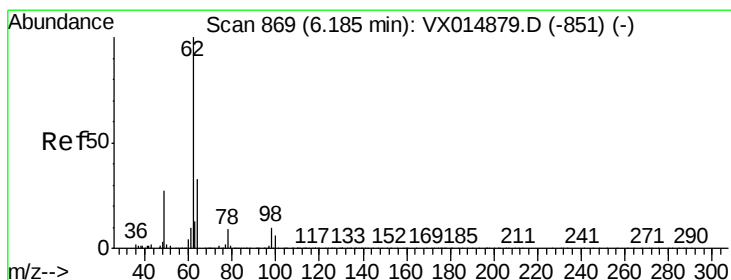
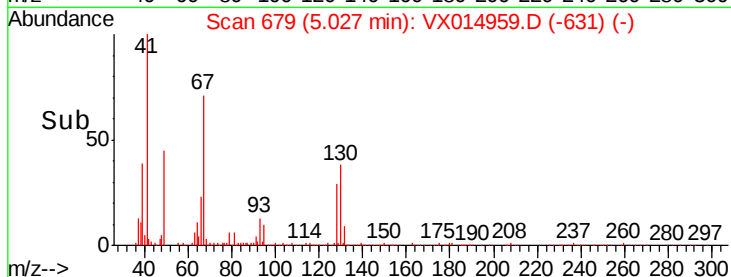
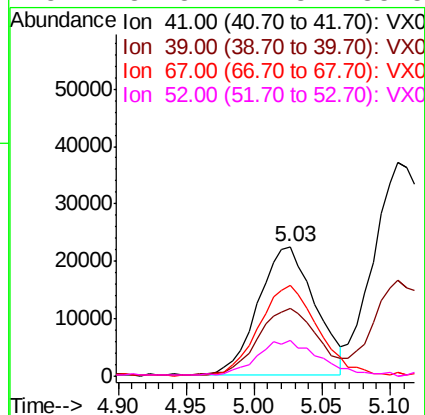
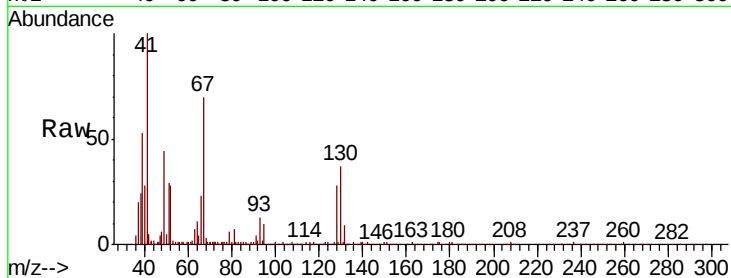




#41
Methacrylonitrile
Concen: 19.321 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

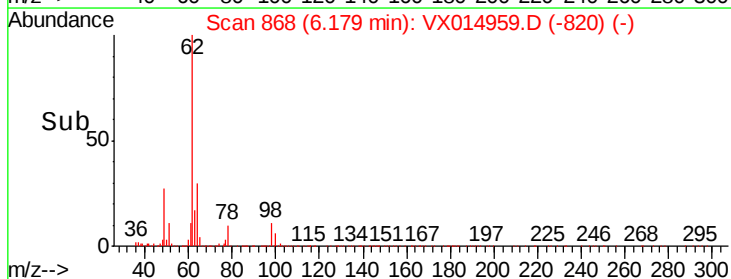
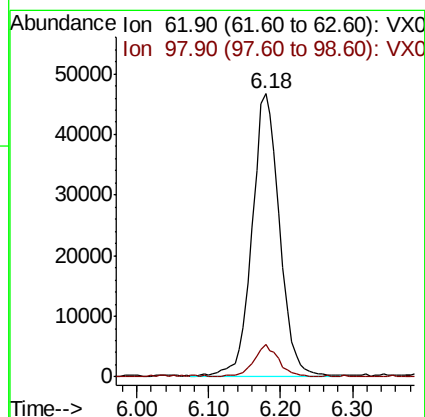
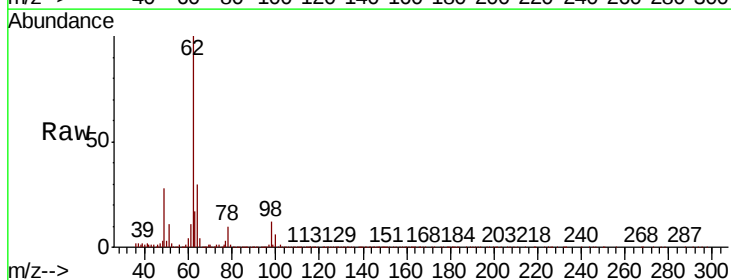
Instrument :
MSVOA_X
ClientSampleId :

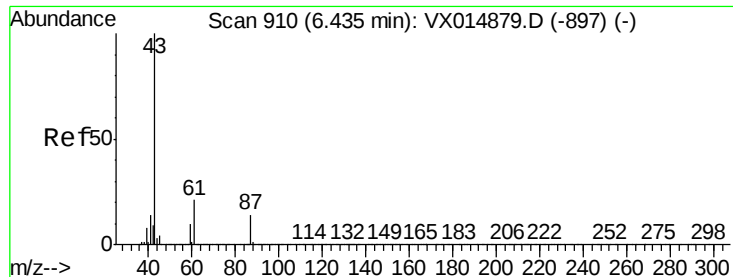
Tot Ion:	41	Resp:	65009
Ion	Ratio	Lower	Upper
41	100		
39	54.4	44.7	67.1
67	74.2	56.6	84.8
52	31.8	22.3	33.5



#42
1,2-Dichloroethane
Concen: 19.199 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion:	62	Resp:	124152
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 19.222 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

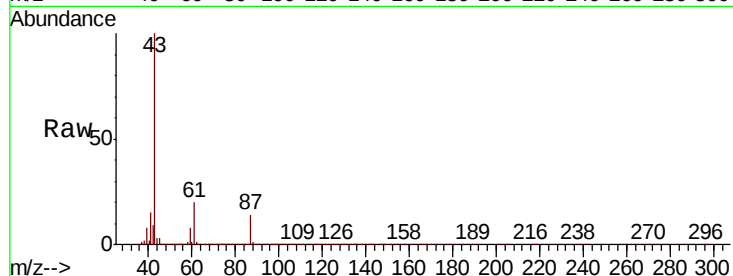
Tot Ion: 43 Resp: 198044

Ion Ratio Lower Upper

43 100

61 19.2 16.2 24.4

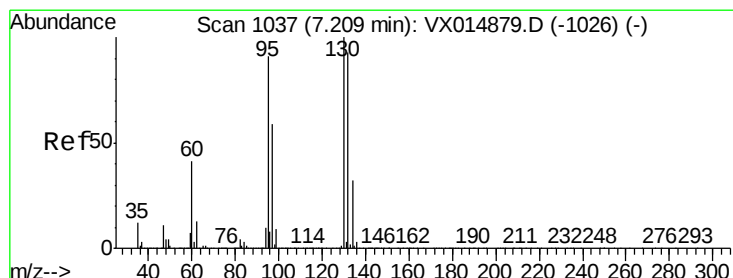
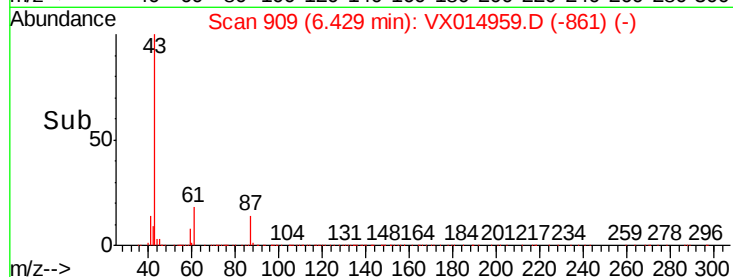
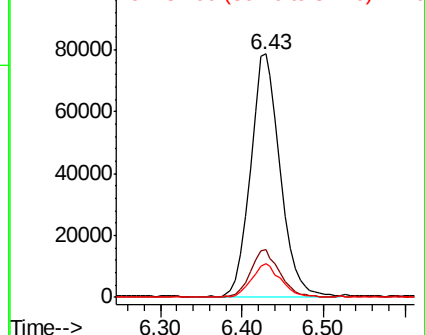
87 13.4 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.787 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014959.D

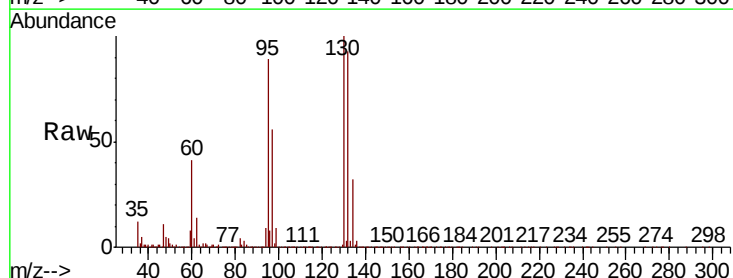
Acq: 19 Feb 2020 11:27

Tgt Ion:130 Resp: 97581

Ion Ratio Lower Upper

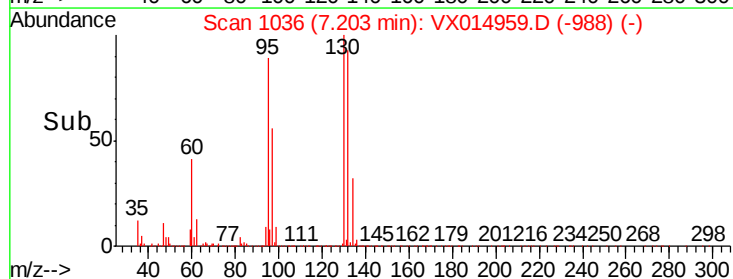
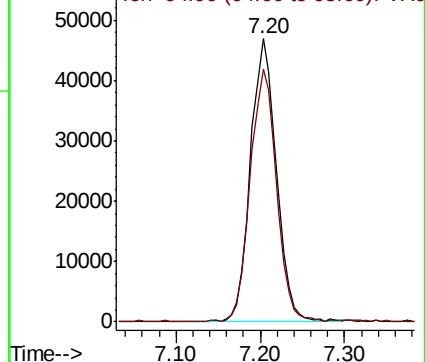
130 100

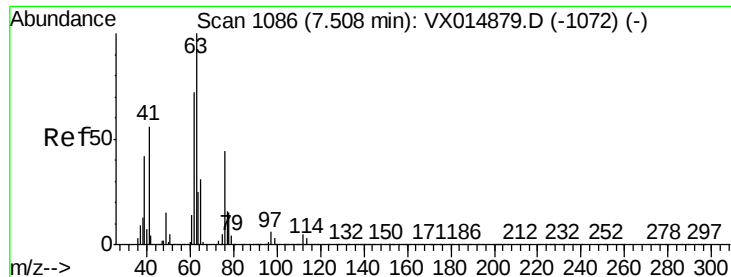
95 89.1 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.970 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

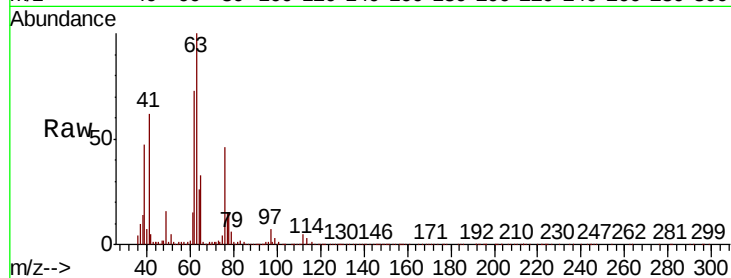
ClientSampleId :

Tot Ion: 63 Resp: 86559

Ion Ratio Lower Upper

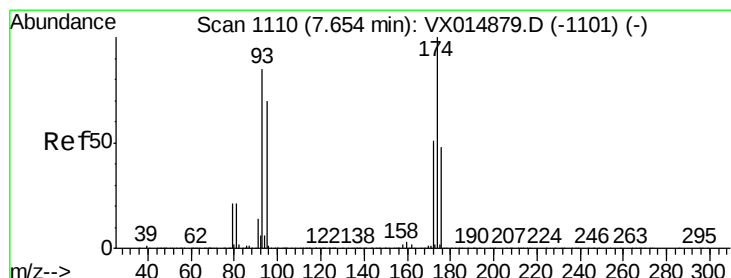
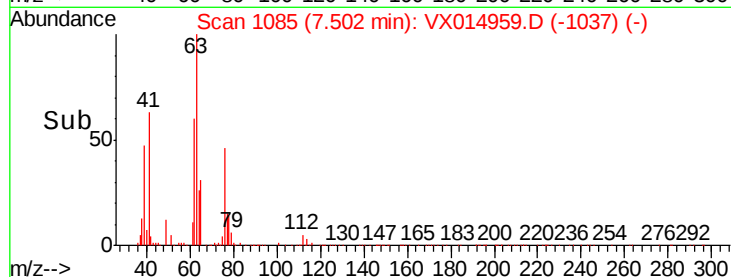
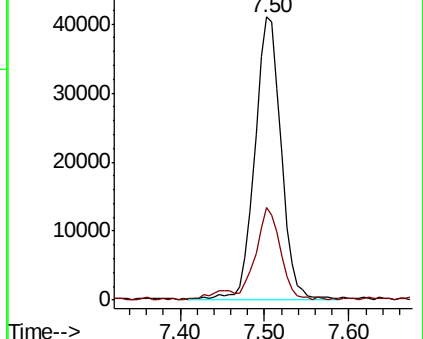
63 100

65 32.6 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.585 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

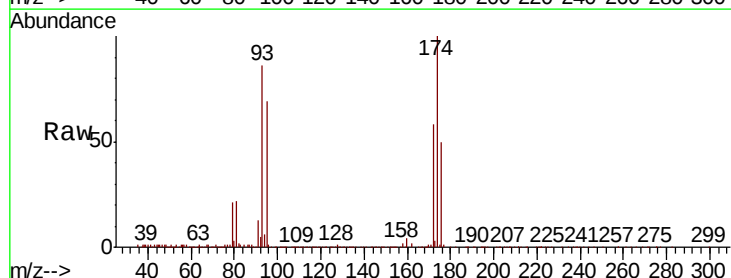
Tgt Ion: 93 Resp: 57969

Ion Ratio Lower Upper

93 100

95 83.7 65.8 98.8

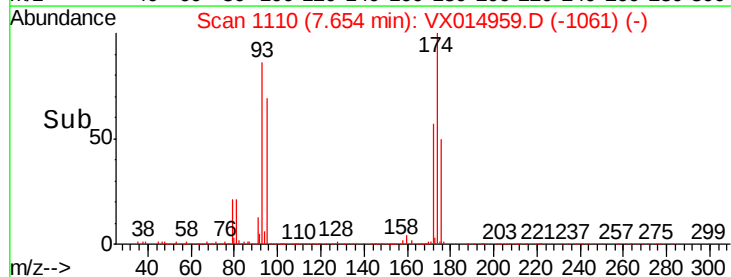
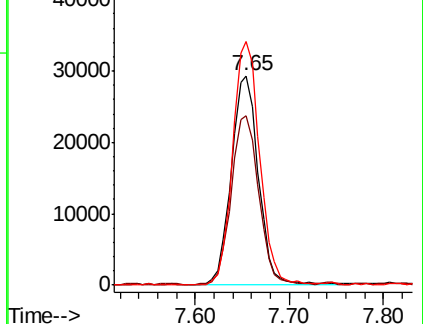
174 116.0 95.4 143.2

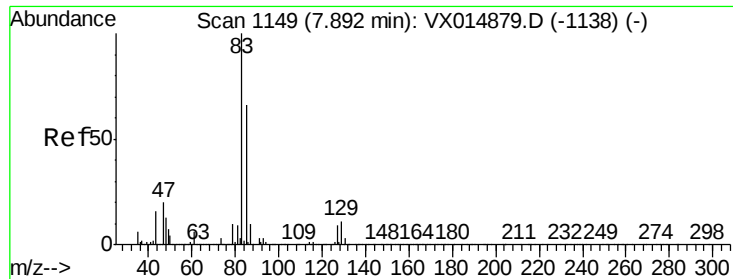


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

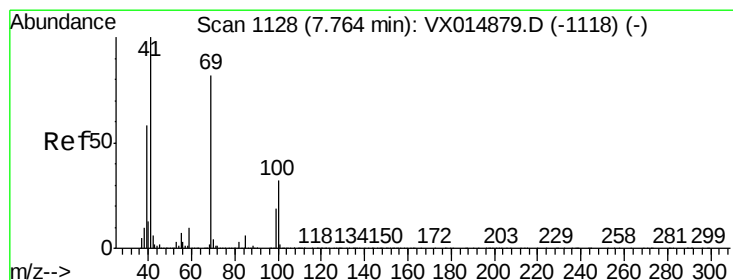
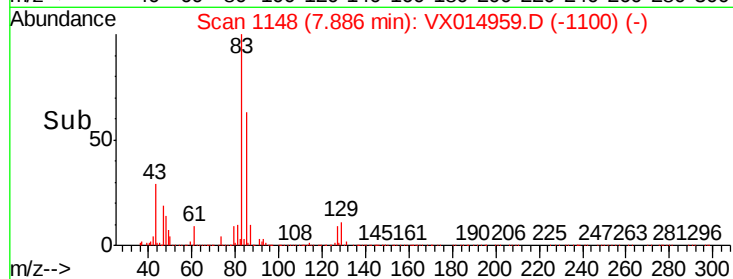
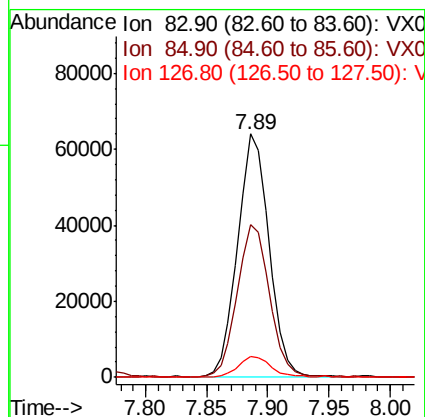
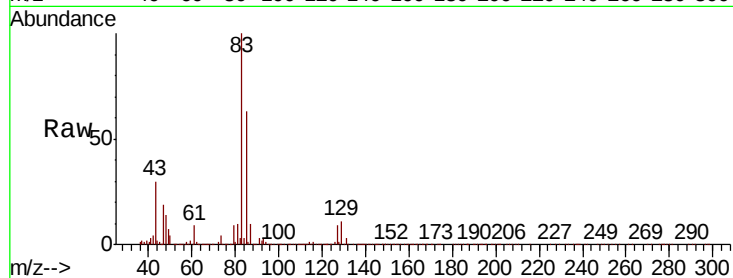




#47
Bromodichloromethane
Concen: 18.367 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

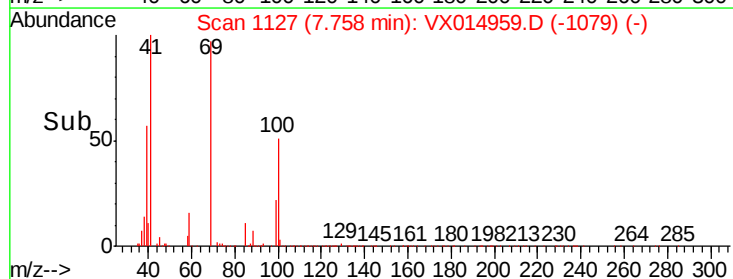
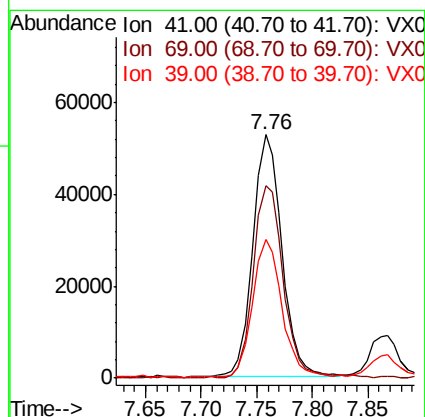
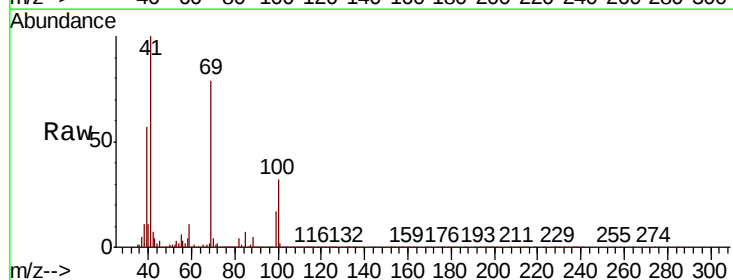
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 113589
Ion Ratio Lower Upper
83 100
85 62.3 52.5 78.7
127 8.4 7.4 11.0



#48
Methyl methacrylate
Concen: 19.054 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion: 41 Resp: 96611
Ion Ratio Lower Upper
41 100
69 82.1 65.7 98.5
39 57.1 45.8 68.8





#49

1,4-Dioxane

Concen: 405.421 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

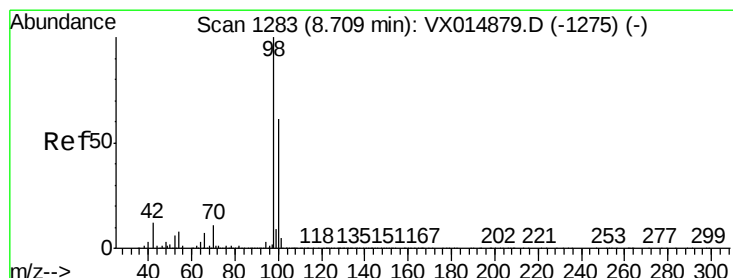
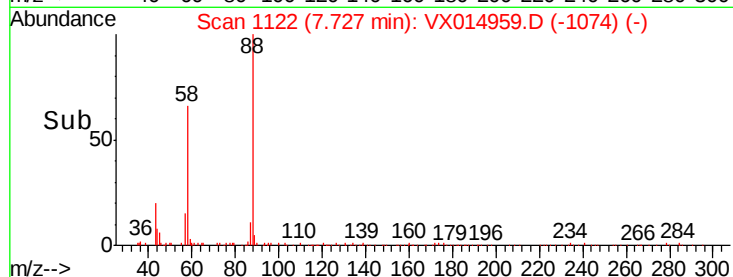
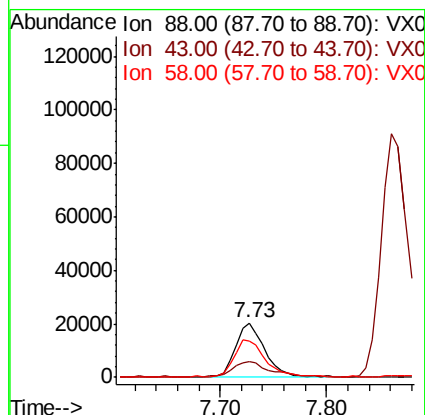
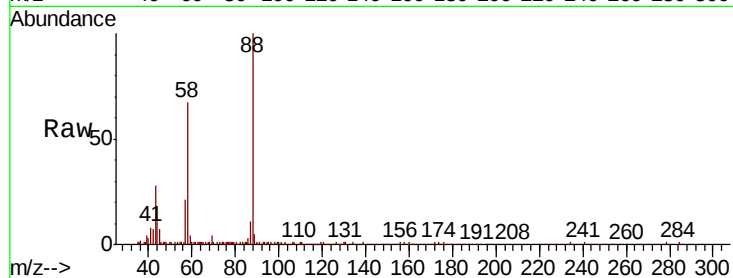
Tot Ion: 88 Resp: 38435

Ion Ratio Lower Upper

88 100

43 39.7 27.0 40.4

58 72.3 53.2 79.8



#50

Toluene-d8

Concen: 50.132 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014959.D

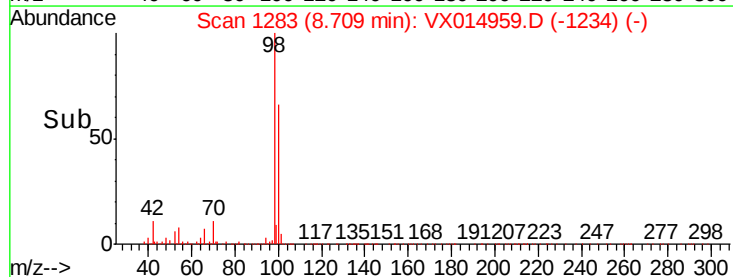
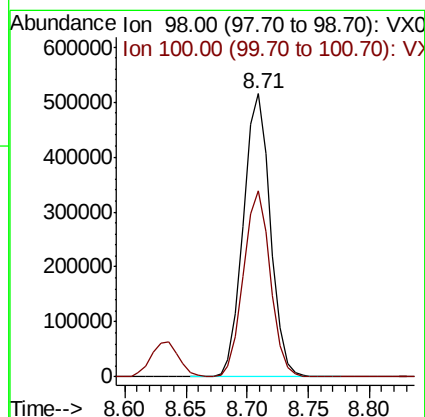
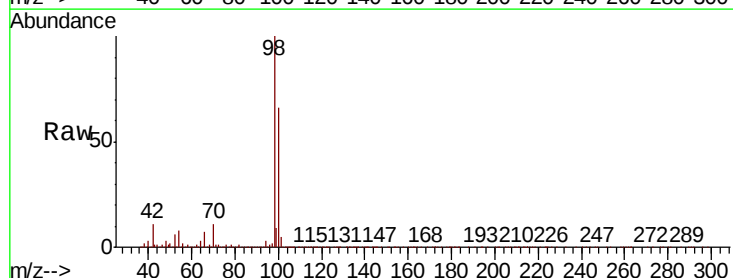
Acq: 19 Feb 2020 11:27

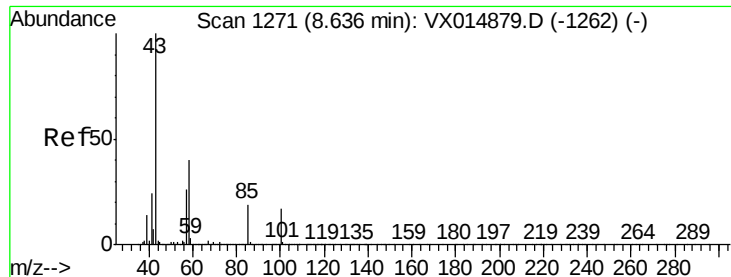
Tgt Ion: 98 Resp: 787541

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 98.918 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

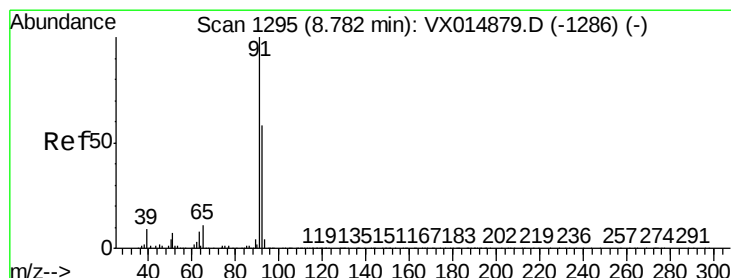
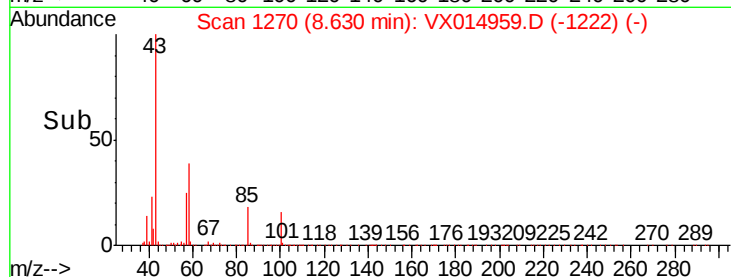
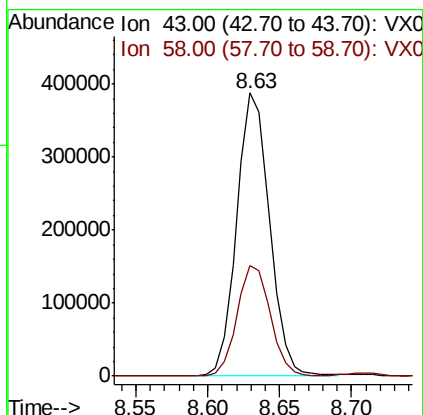
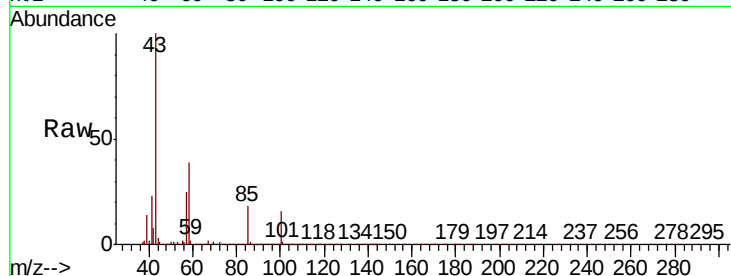
ClientSampled :

Tot Ion: 43 Resp: 615394

Ion Ratio Lower Upper

43 100

58 39.4 31.9 47.9



#52

Toluene

Concen: 18.927 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014959.D

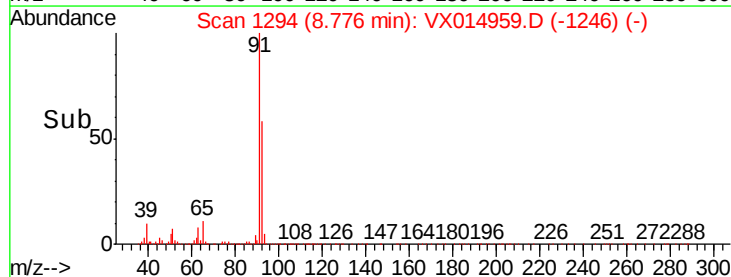
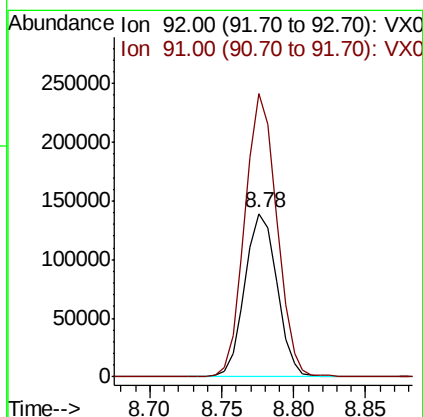
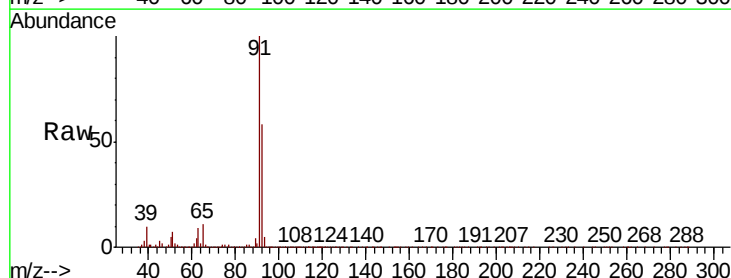
Acq: 19 Feb 2020 11:27

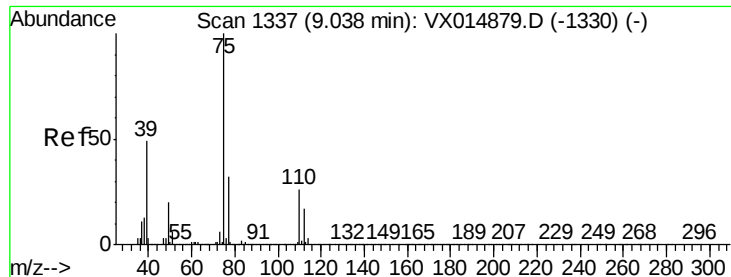
Tgt Ion: 92 Resp: 215090

Ion Ratio Lower Upper

92 100

91 172.8 137.0 205.4

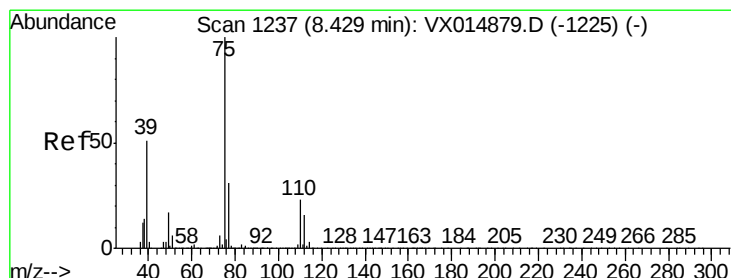
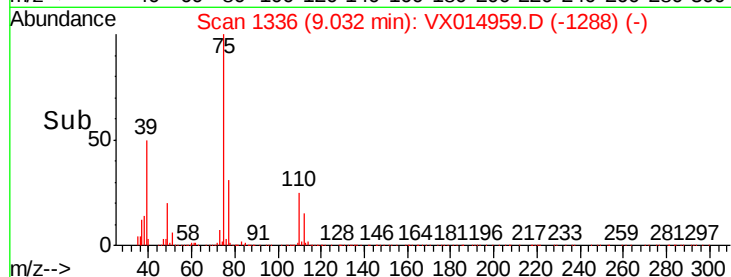
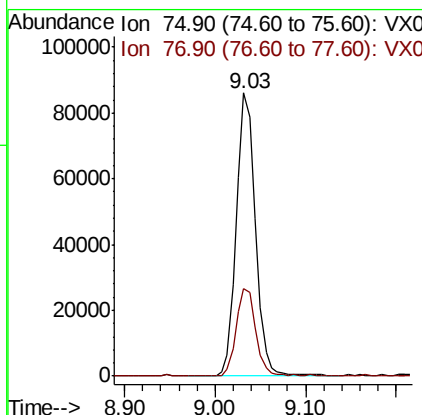
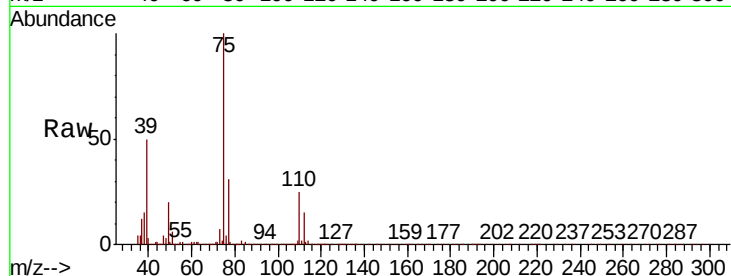




#53
t-1,3-Dichloropropene
Concen: 18.606 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

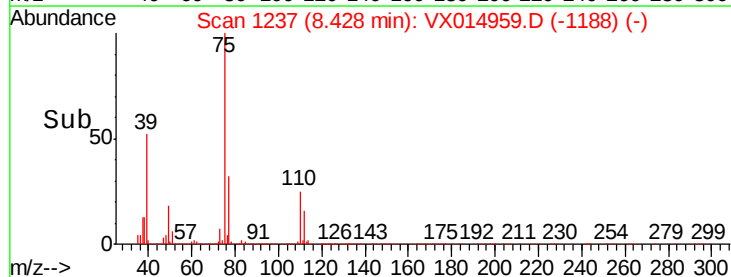
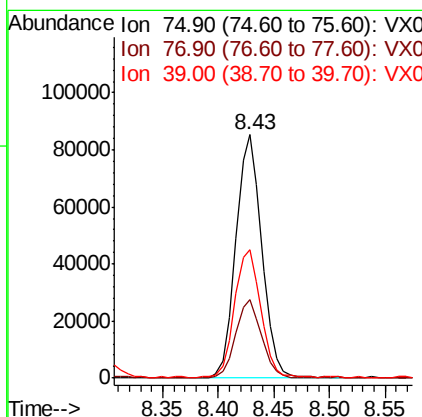
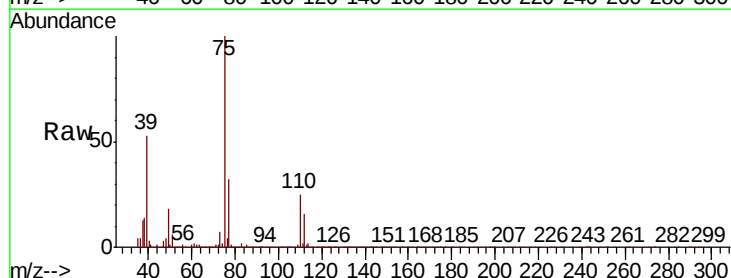
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 126109
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 18.306 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion: 75 Resp: 137068
Ion Ratio Lower Upper
75 100
77 32.3 24.6 37.0
39 52.2 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 19.100 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 87815

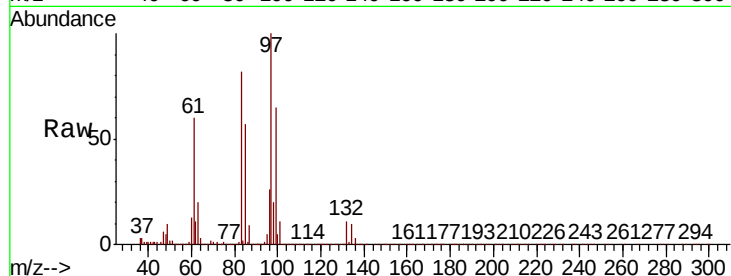
Ion Ratio Lower Upper

97 100

83 82.2 66.6 99.8

85 56.9 43.5 65.3

99 64.7 49.6 74.4

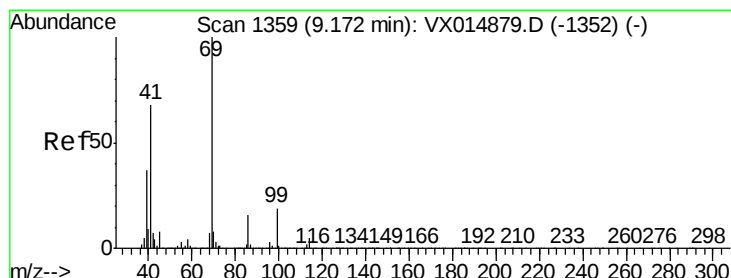
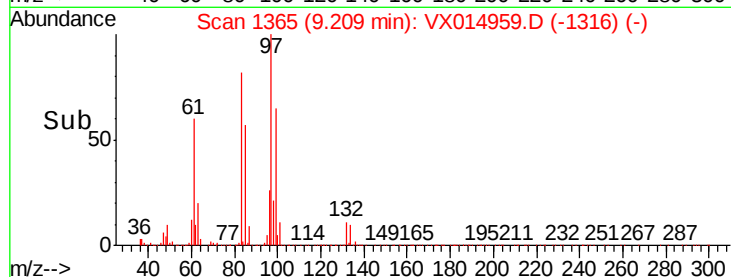
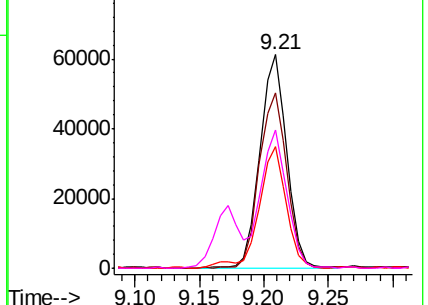


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.036 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

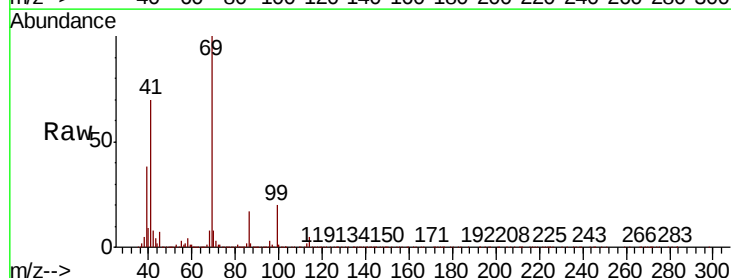
Tgt Ion: 69 Resp: 131554

Ion Ratio Lower Upper

69 100

41 68.0 54.8 82.2

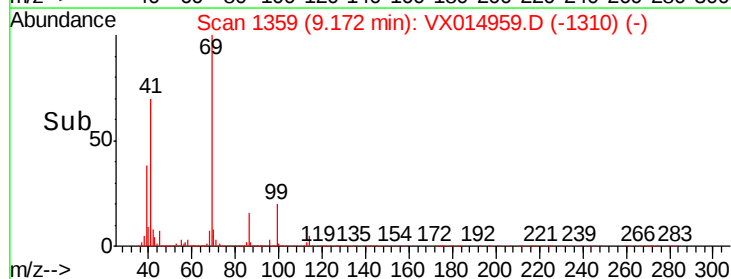
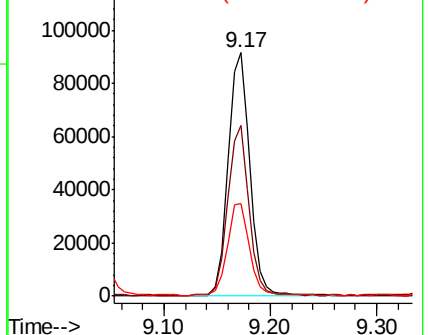
39 38.2 29.9 44.9

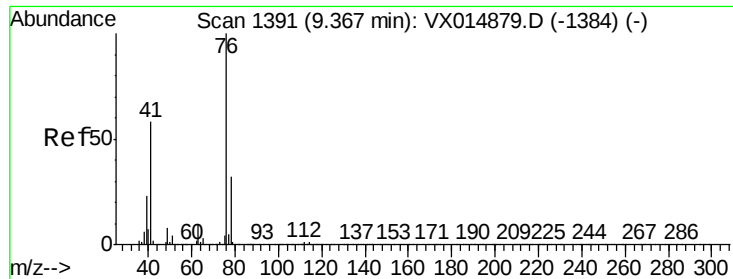


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.069 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

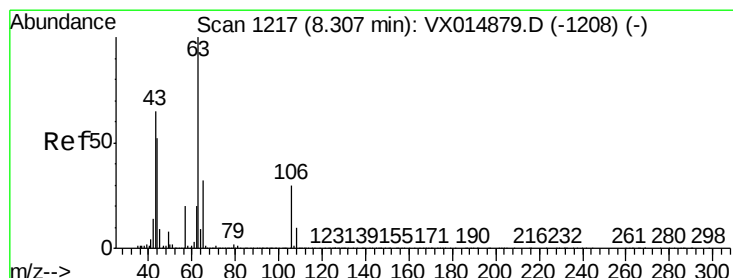
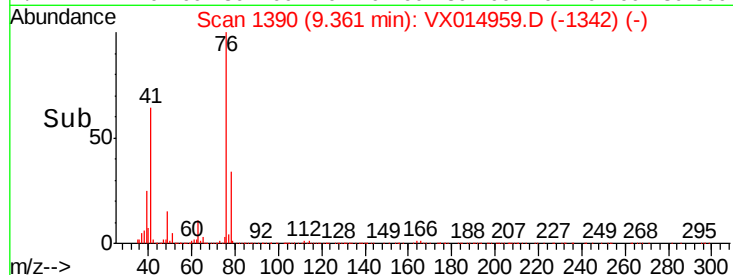
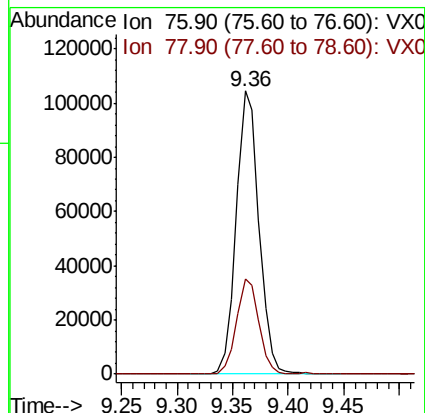
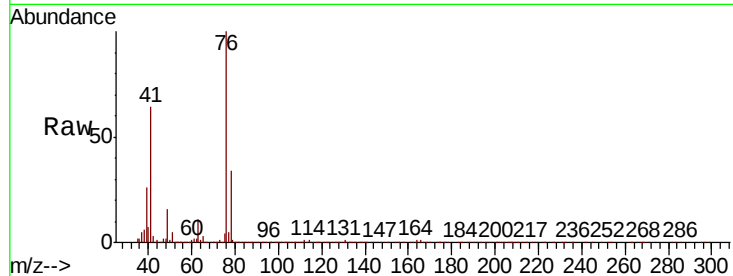
ClientSampled :

Tot Ion: 76 Resp: 147583

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.502 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014959.D

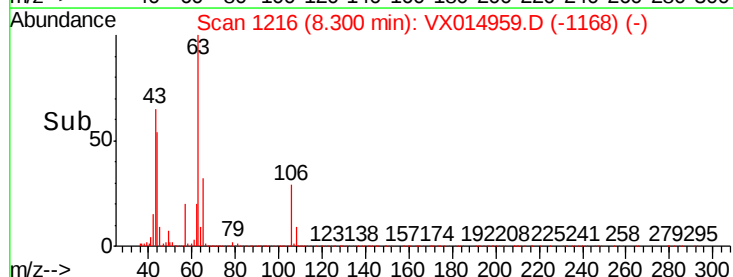
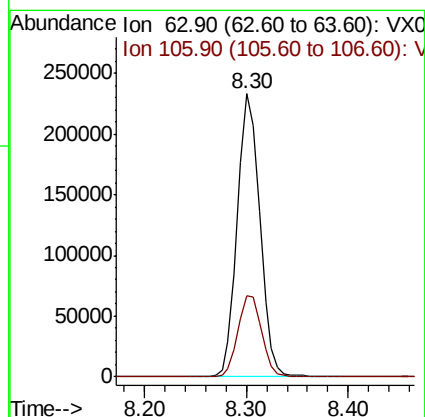
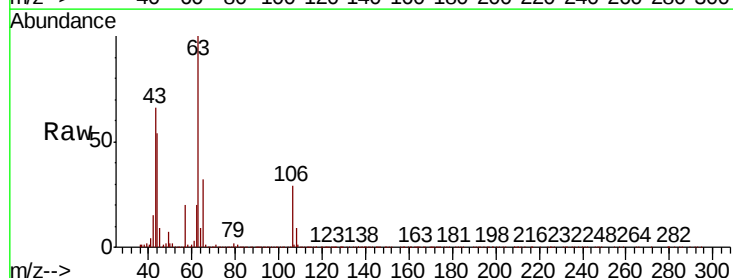
Acq: 19 Feb 2020 11:27

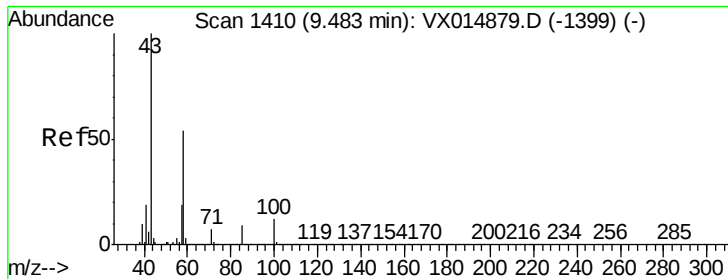
Tgt Ion: 63 Resp: 356002

Ion Ratio Lower Upper

63 100

106 29.8 23.8 35.8

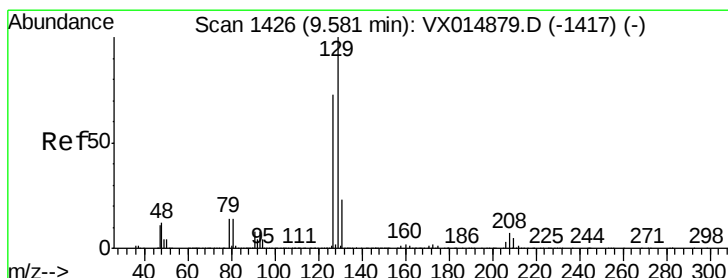
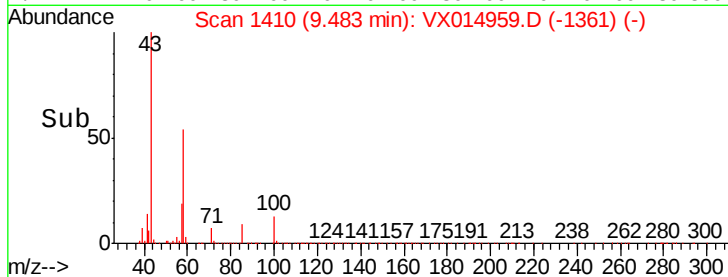
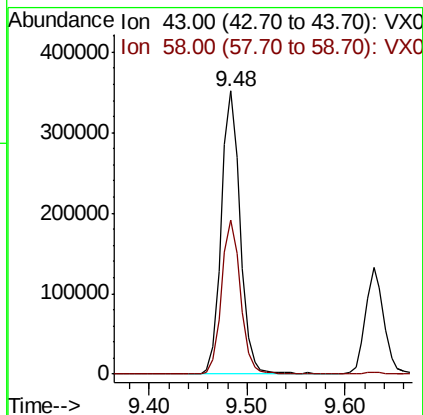
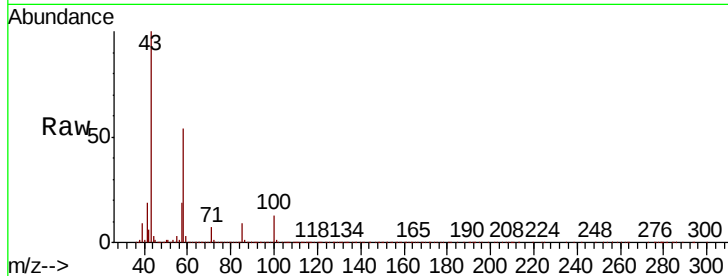




#59
2-Hexanone
Concen: 96.355 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

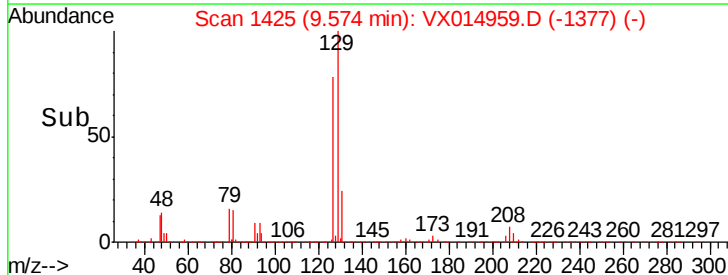
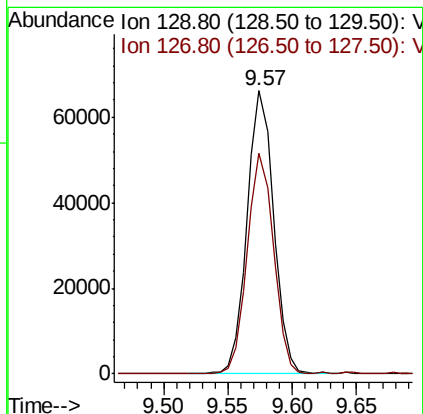
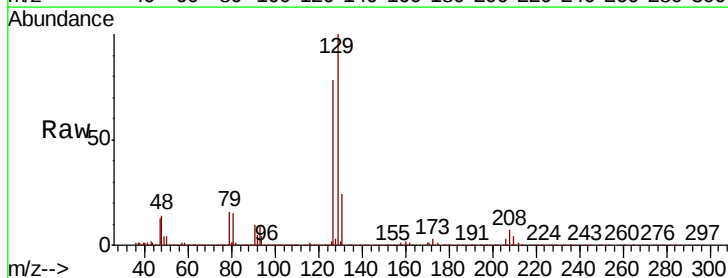
Instrument :
MSVOA_X
ClientSampleId :

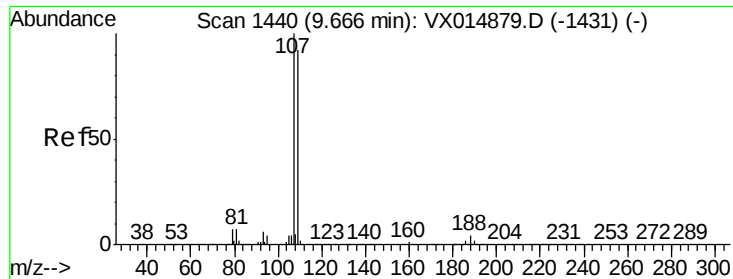
Tot Ion: 43 Resp: 471177
Ion Ratio Lower Upper
43 100
58 54.4 27.5 82.5



#60
Dibromochloromethane
Concen: 18.906 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion:129 Resp: 93543
Ion Ratio Lower Upper
129 100
127 77.4 37.8 113.3





#61

1,2-Dibromoethane

Concen: 18.644 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

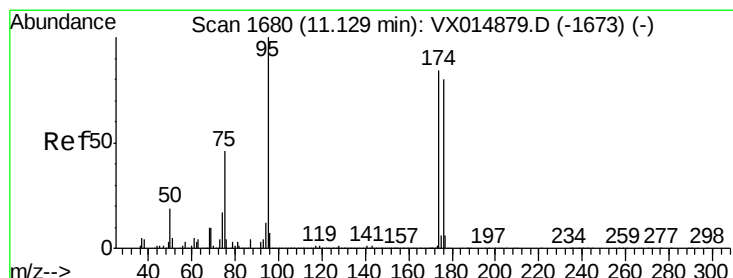
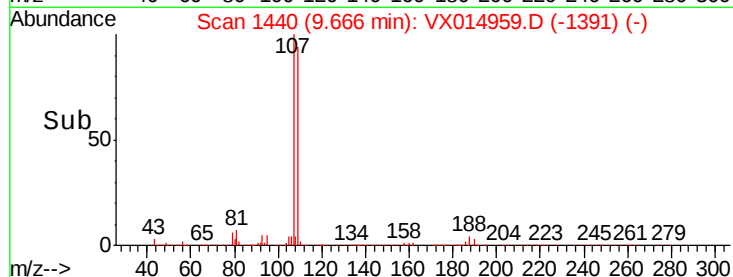
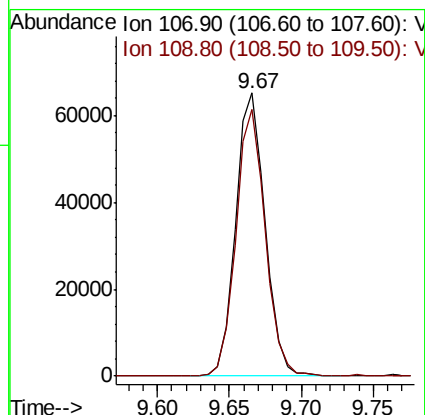
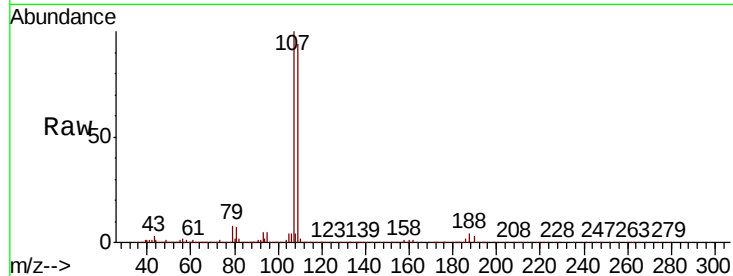
ClientSampleId :

Tot Ion:107 Resp: 92489

Ion Ratio Lower Upper

107 100

109 94.2 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 50.067 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

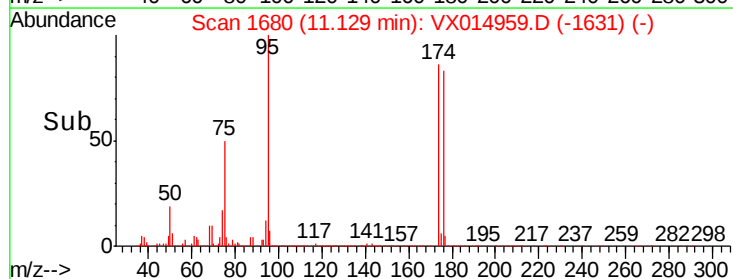
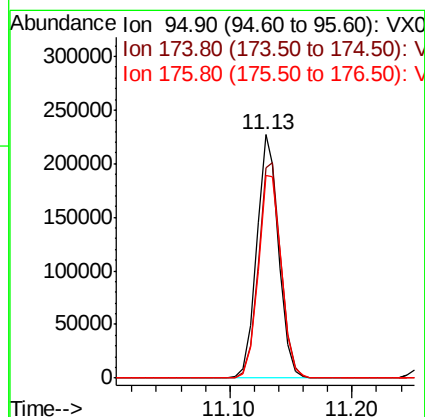
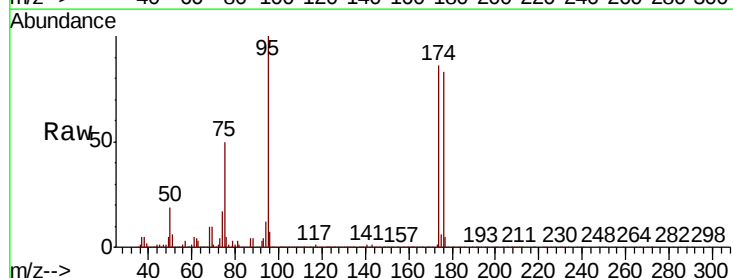
Tgt Ion: 95 Resp: 283327

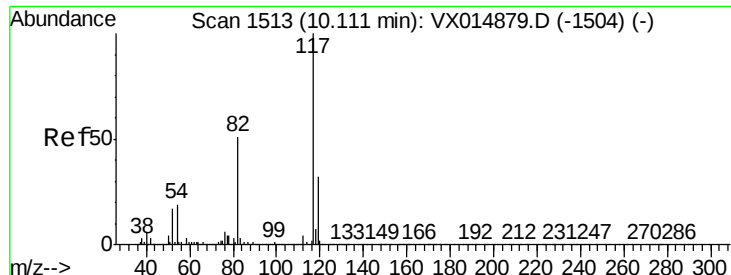
Ion Ratio Lower Upper

95 100

174 91.8 0.0 183.0

176 88.2 0.0 178.0

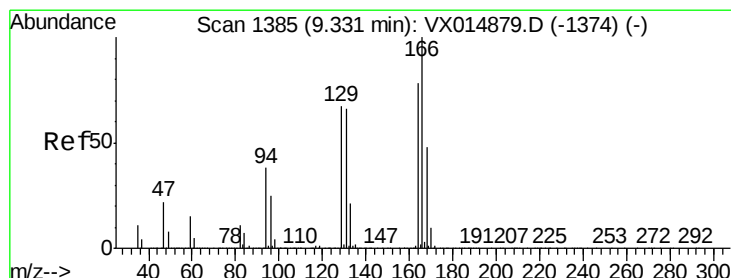
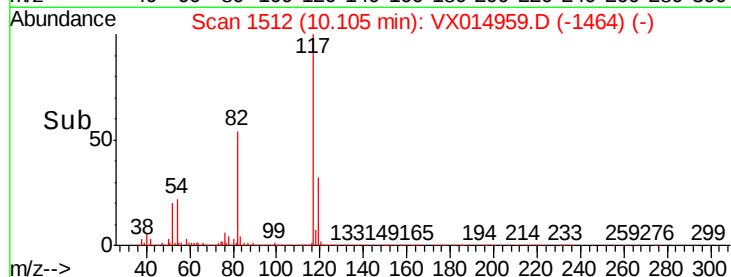
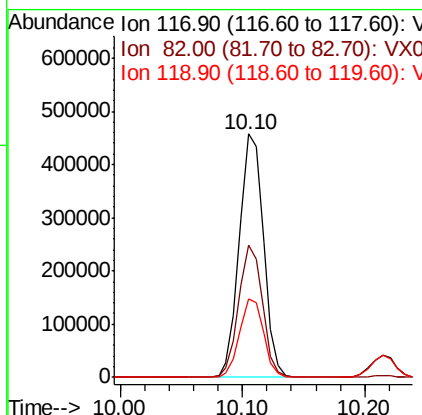
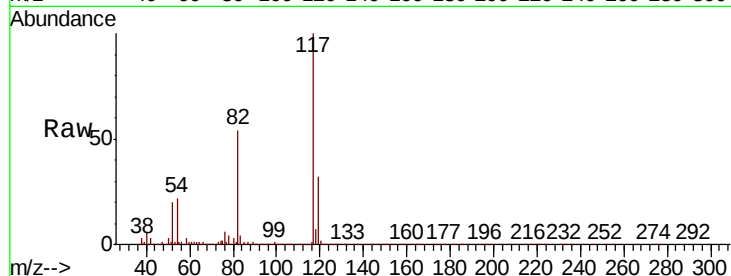




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

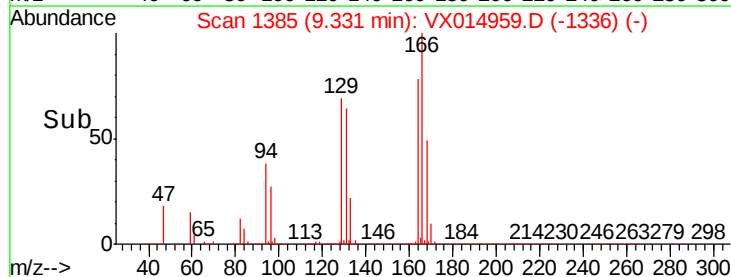
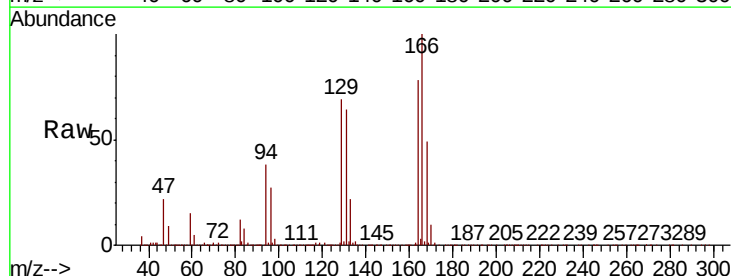
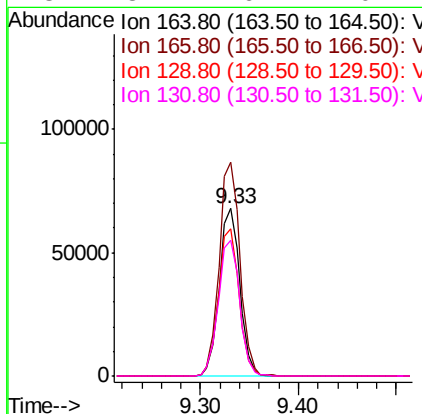
Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	40.5	60.7
119	32.4	25.8	38.6



#64
Tetrachloroethene
Concen: 16.917 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.6	153.8
129	87.9	68.3	102.5
131	81.2	67.4	101.2





#65

Chlorobenzene

Concen: 18.797 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

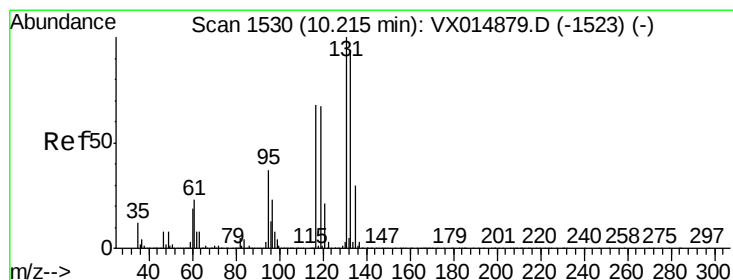
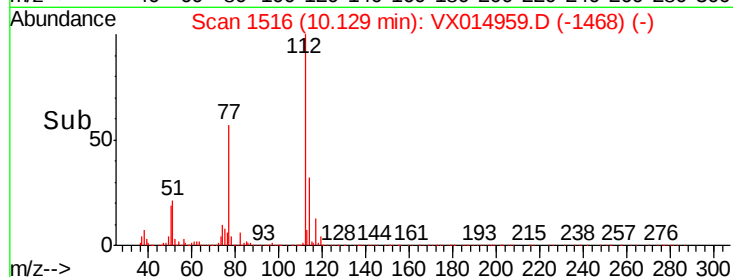
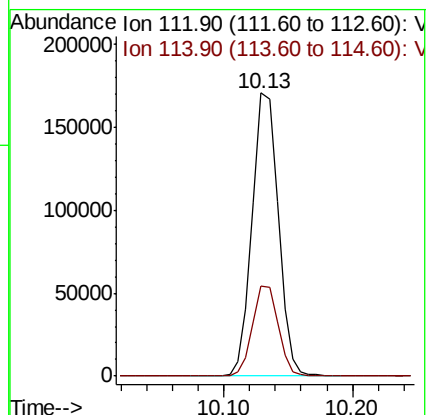
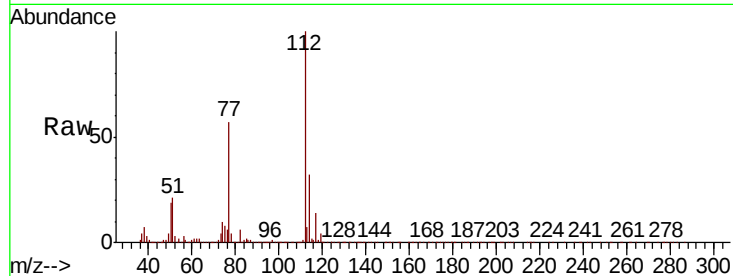
ClientSampleId :

Tot Ion:112 Resp: 239025

Ion Ratio Lower Upper

112 100

114 31.8 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.097 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

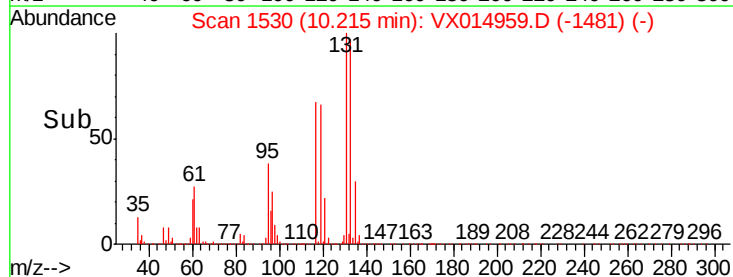
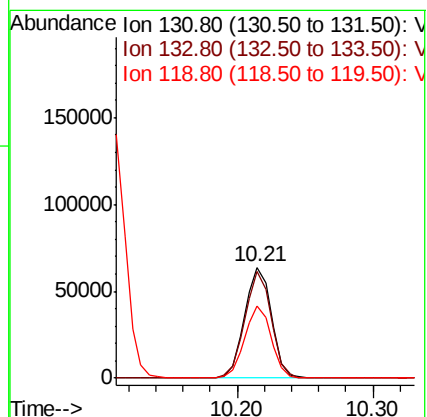
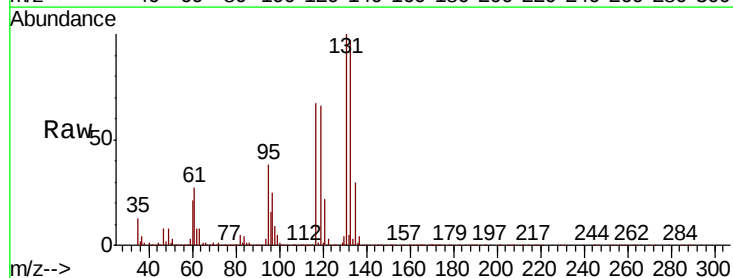
Tgt Ion:131 Resp: 88165

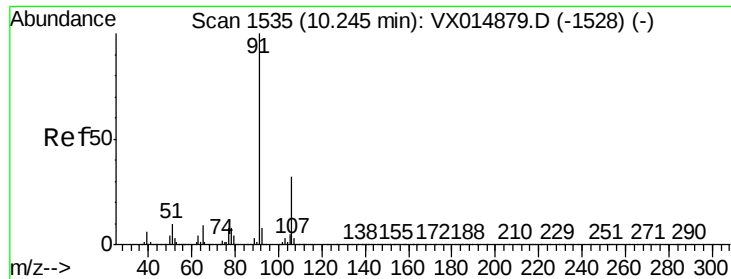
Ion Ratio Lower Upper

131 100

133 95.6 48.1 144.4

119 64.2 33.0 99.0





#67

Ethyl Benzene

Concen: 19.036 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

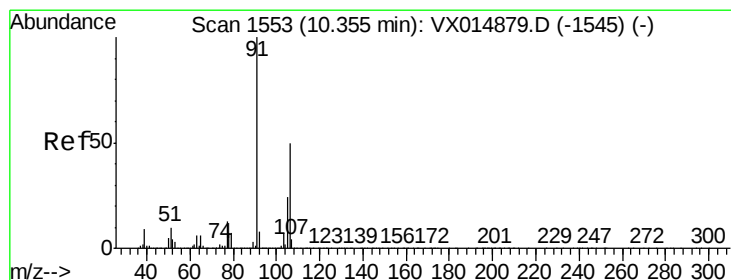
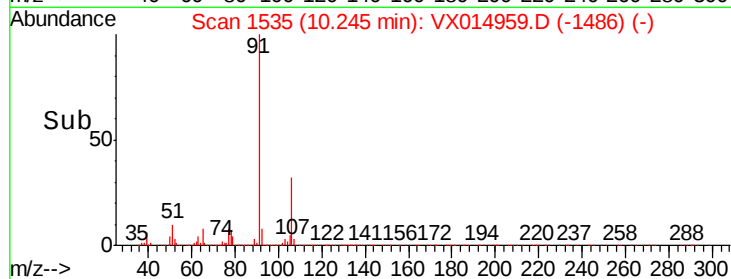
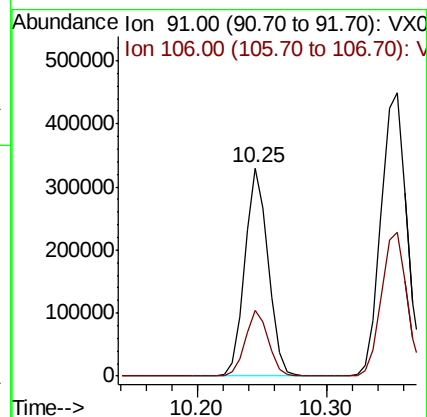
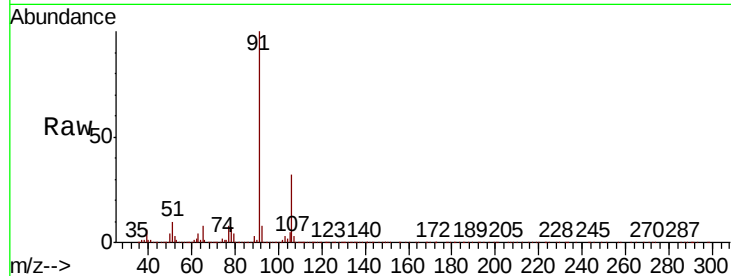
ClientSampleId :

Tot Ion: 91 Resp: 411674

Ion Ratio Lower Upper

91 100

106 31.8 25.3 37.9



#68

m/p-Xylenes

Concen: 37.419 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014959.D

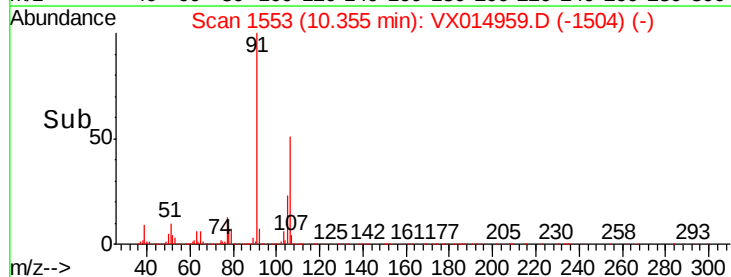
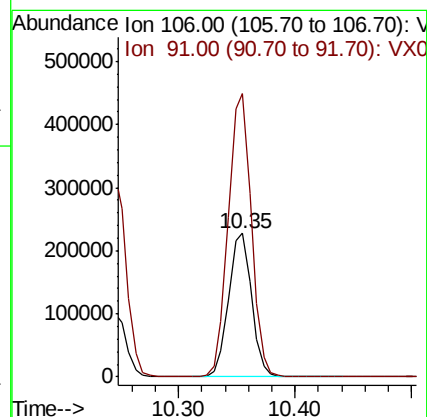
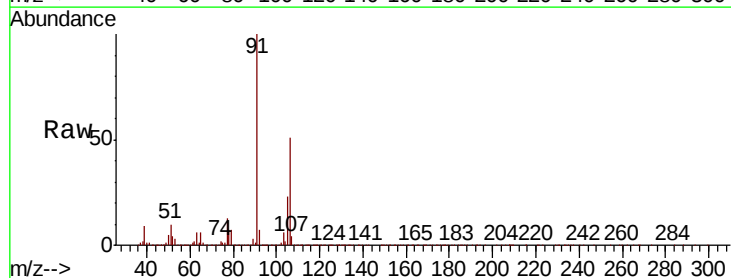
Acq: 19 Feb 2020 11:27

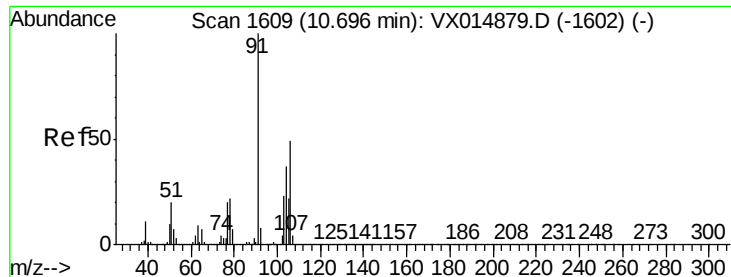
Tgt Ion: 106 Resp: 311748

Ion Ratio Lower Upper

106 100

91 197.9 160.6 240.8

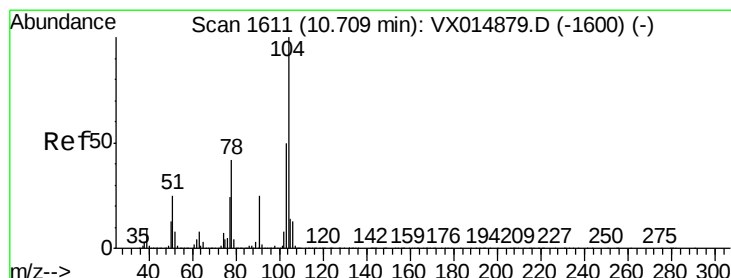
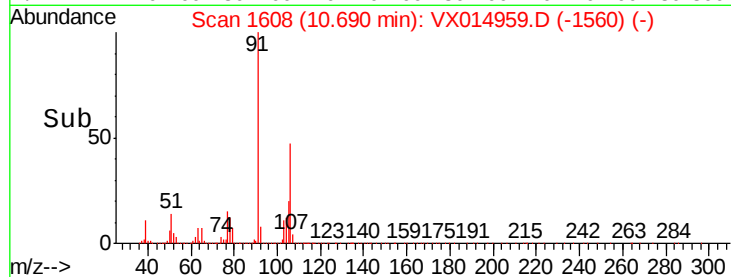
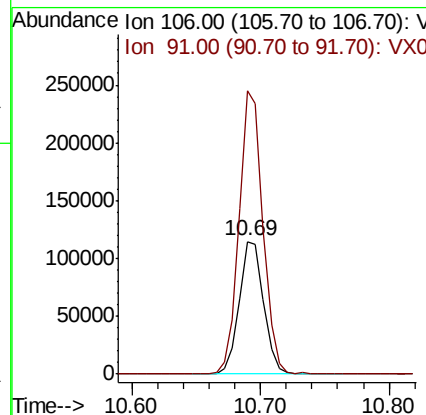
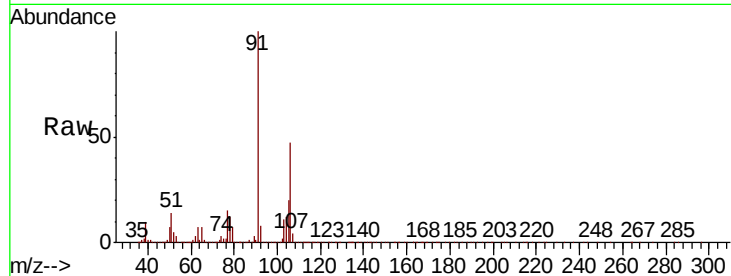




#69
o-Xylene
Concen: 18.765 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

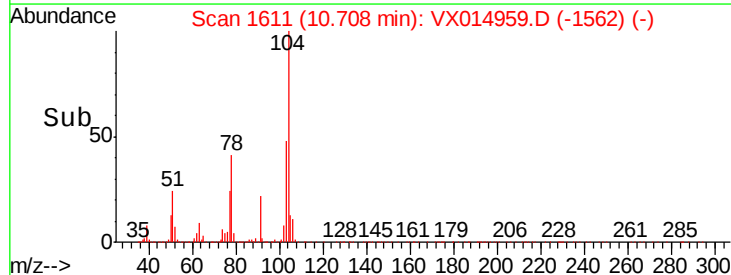
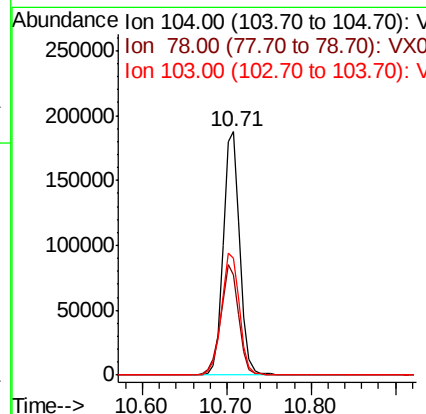
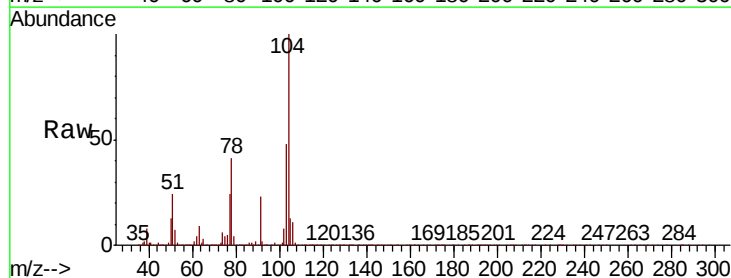
Instrument :
MSVOA_X
ClientSampleId :

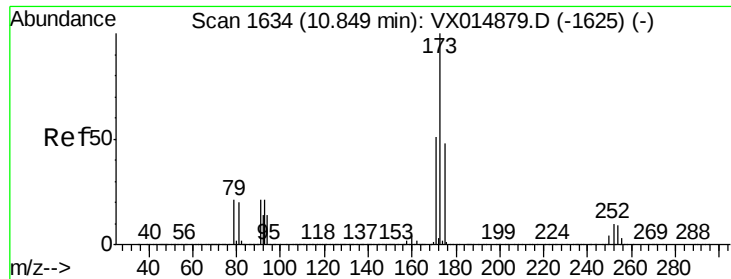
Tot Ion:106 Resp: 150280
Ion Ratio Lower Upper
106 100
91 210.3 105.1 315.3



#70
Styrene
Concen: 18.657 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion:104 Resp: 252773
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.4
103 54.9 43.4 65.0





#71

Bromoform

Concen: 18.311 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

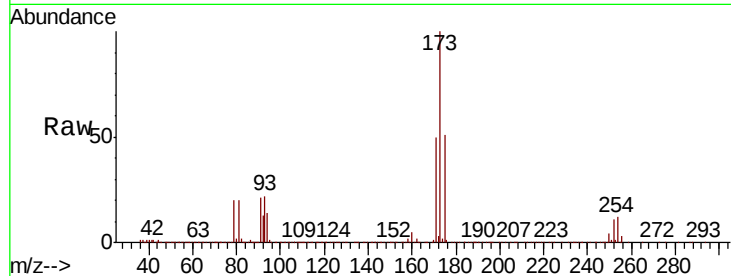
Tot Ion:173 Resp: 70559

Ion Ratio Lower Upper

173 100

175 50.4 24.2 72.6

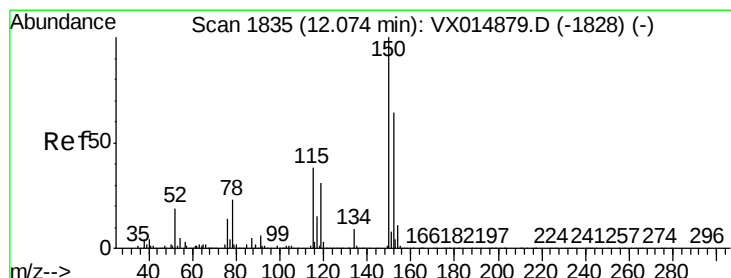
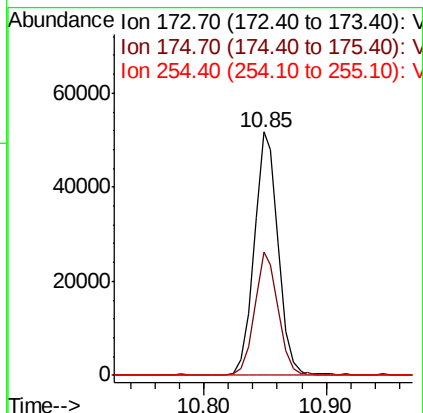
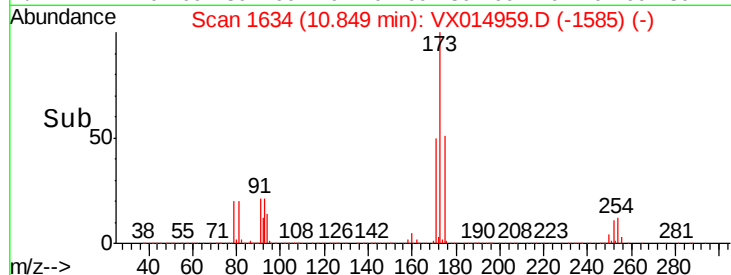
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

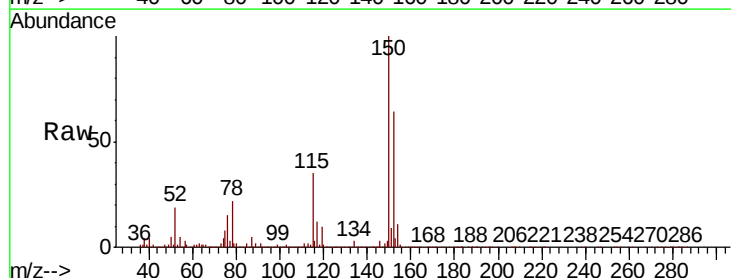
Tgt Ion:152 Resp: 323231

Ion Ratio Lower Upper

152 100

115 63.7 38.6 116.0

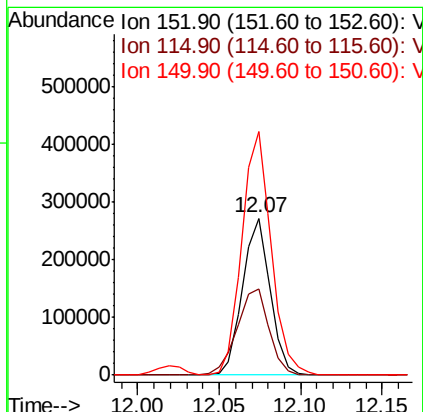
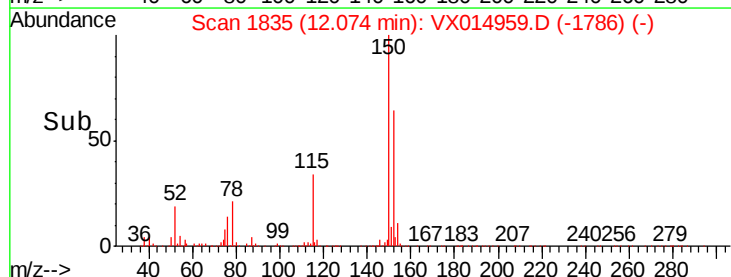
150 163.6 0.0 349.0

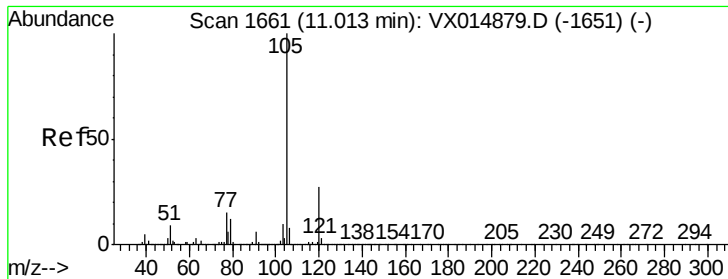


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.998 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

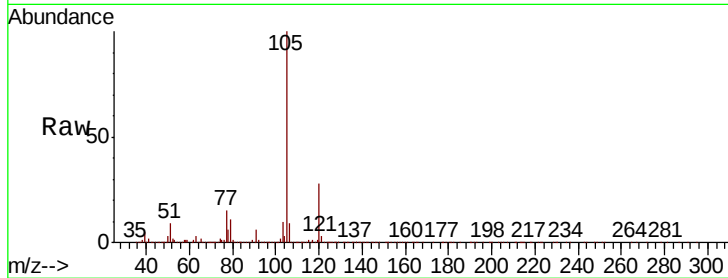
ClientSampleId :

Tot Ion:105 Resp: 405356

Ion Ratio Lower Upper

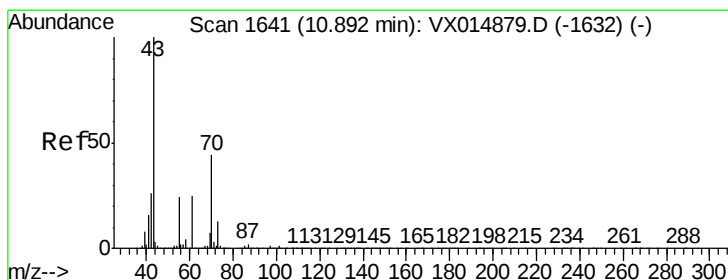
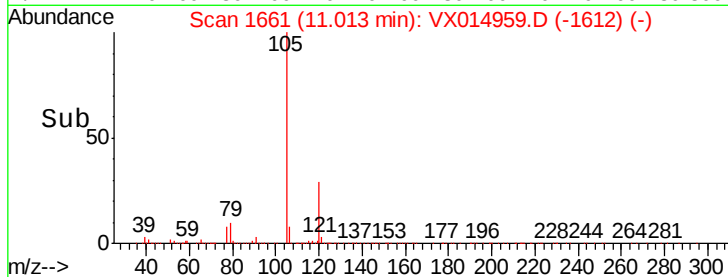
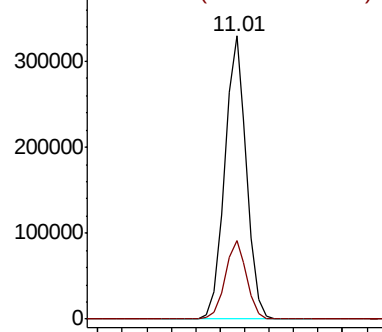
105 100

120 27.6 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.658 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Tgt Ion: 43 Resp: 165564

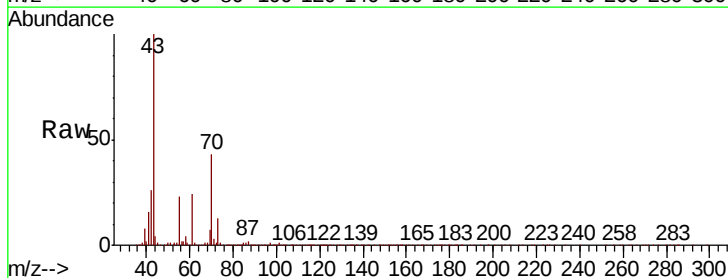
Ion Ratio Lower Upper

43 100

70 42.9 35.0 52.4

55 25.1 19.4 29.2

61 24.1 19.8 29.6

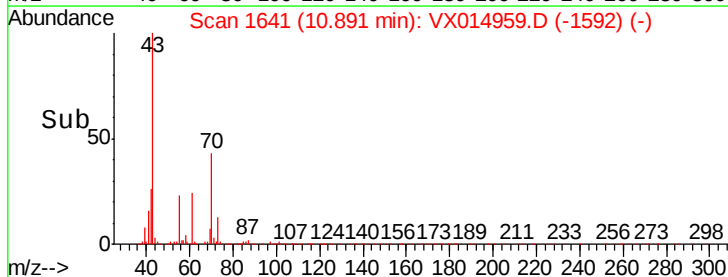
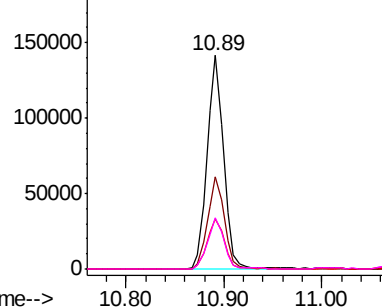


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.755 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

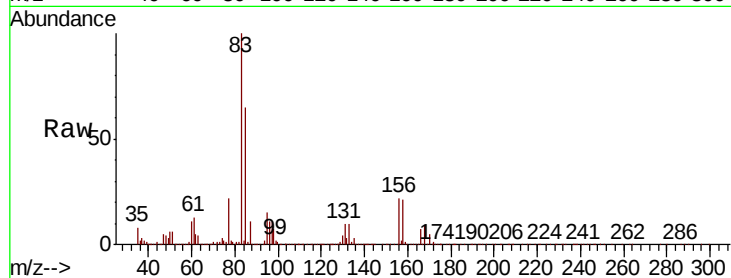
Tot Ion: 83 Resp: 130901

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

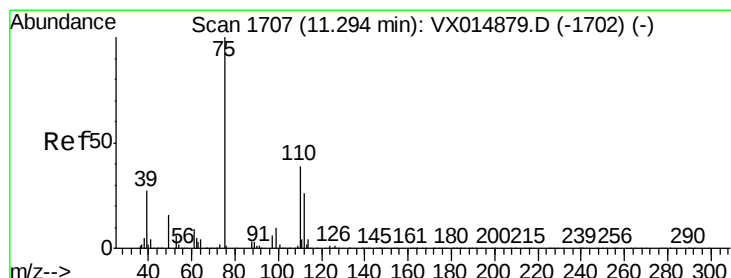
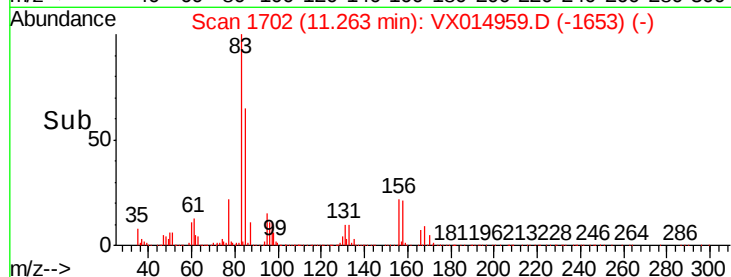
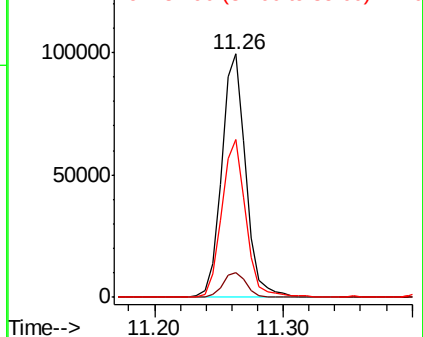
85 65.0 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.029 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014959.D

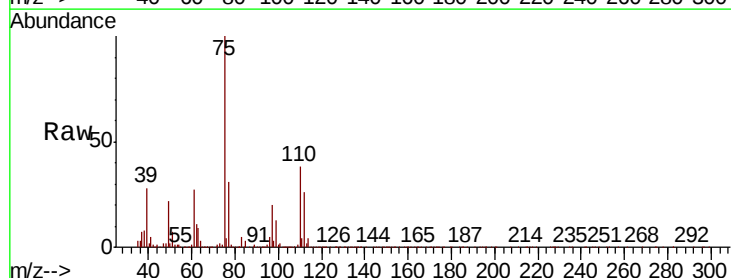
Acq: 19 Feb 2020 11:27

Tgt Ion: 75 Resp: 146295

Ion Ratio Lower Upper

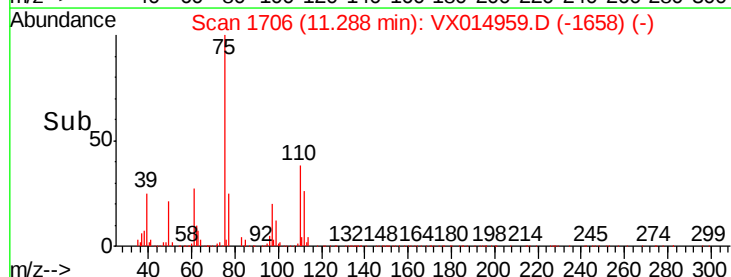
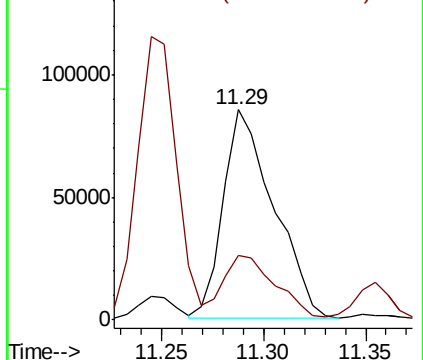
75 100

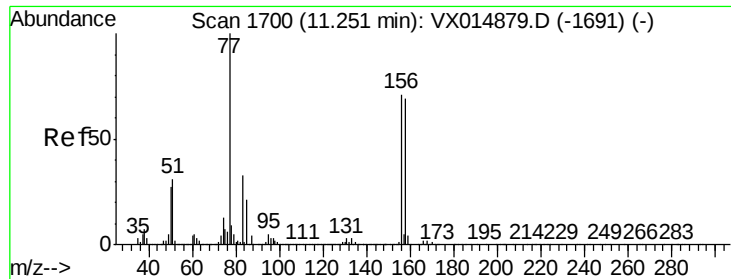
77 32.5 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.950 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

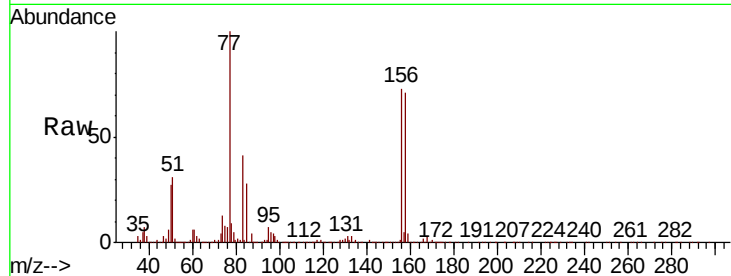
Tot Ion:156 Resp: 107212

Ion Ratio Lower Upper

156 100

77 143.5 74.0 222.0

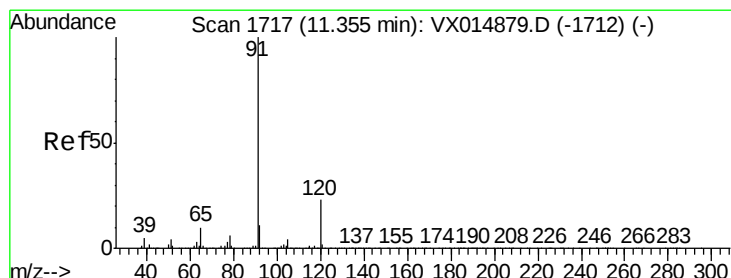
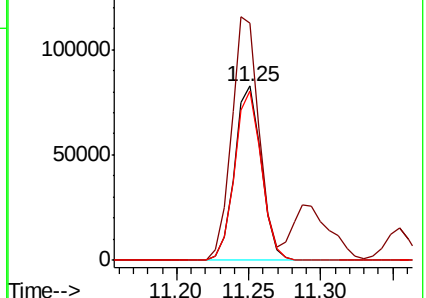
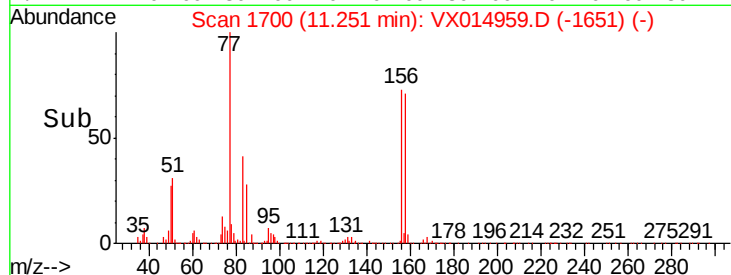
158 97.8 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.345 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014959.D

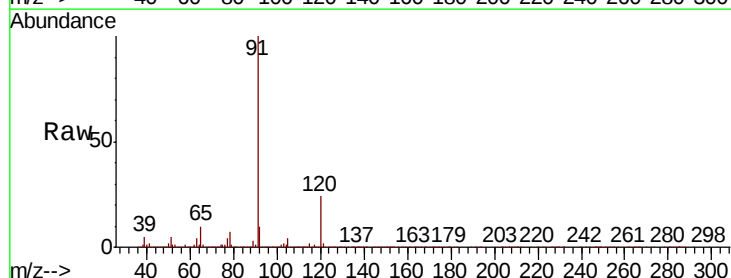
Acq: 19 Feb 2020 11:27

Tgt Ion: 91 Resp: 453544

Ion Ratio Lower Upper

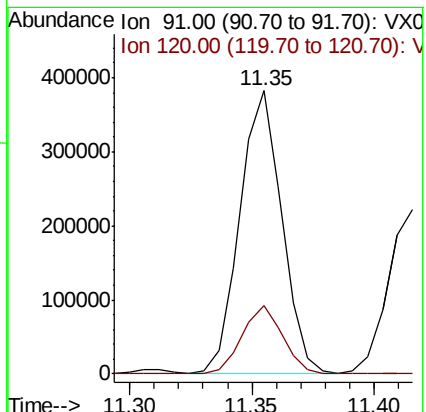
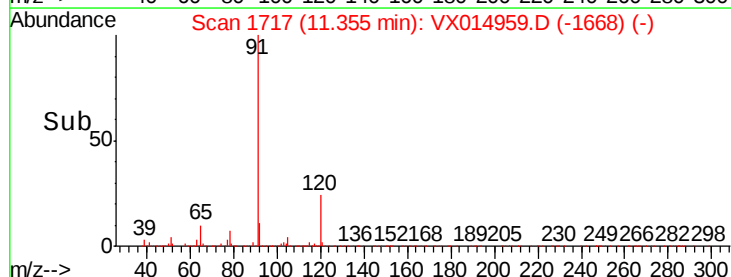
91 100

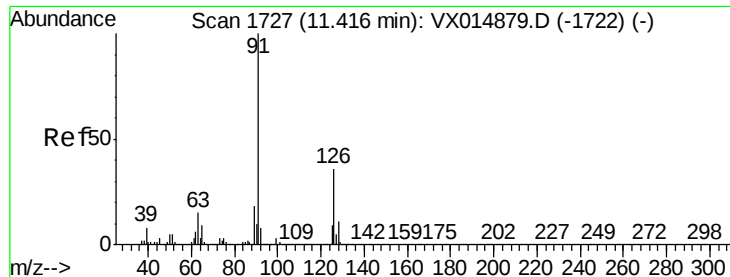
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

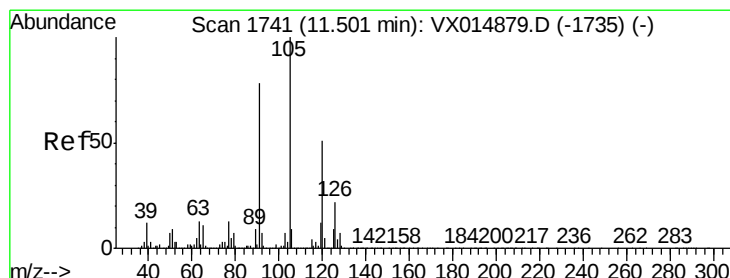
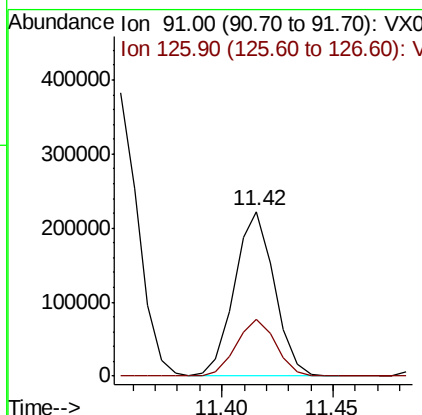
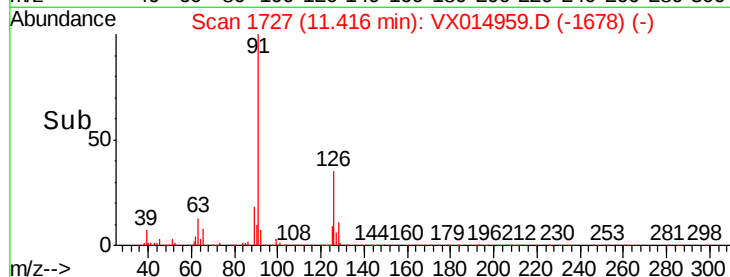
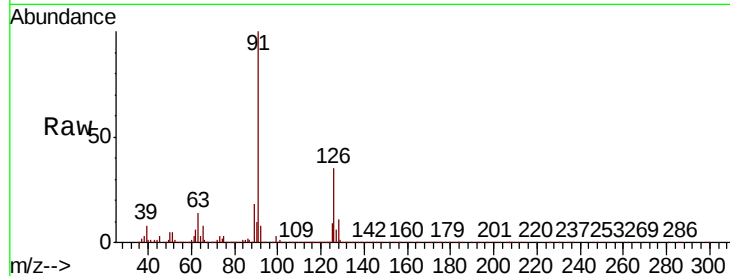




#79
2-Chlorotoluene
Concen: 19.994 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

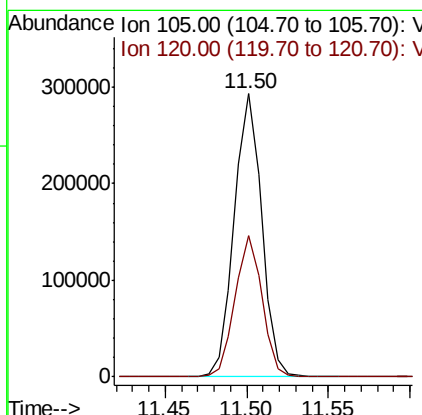
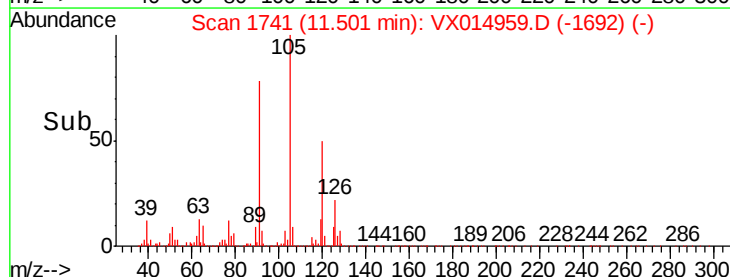
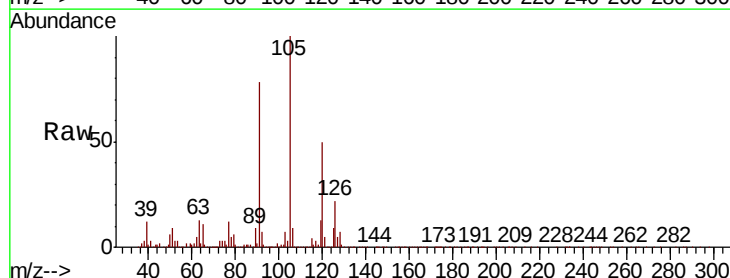
Instrument :
MSVOA_X
ClientSampleId :

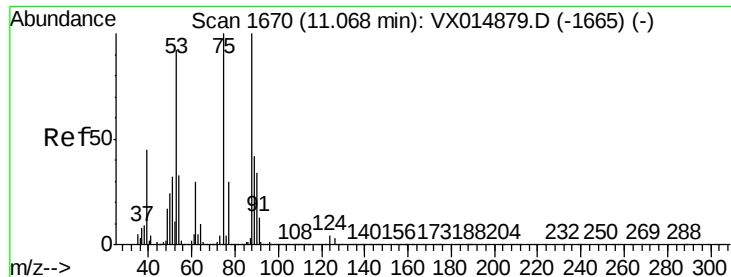
Tot Ion: 91 Resp: 275571
Ion Ratio Lower Upper
91 100
126 34.4 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 20.239 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion: 105 Resp: 342792
Ion Ratio Lower Upper
105 100
120 49.0 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.767 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

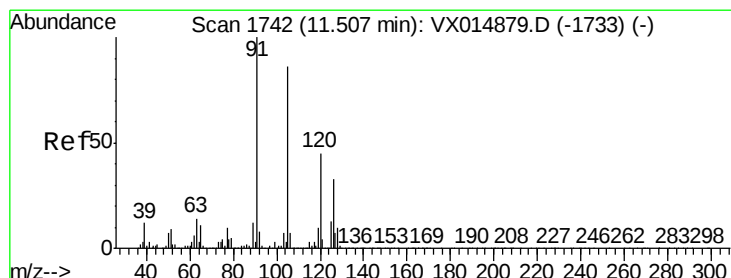
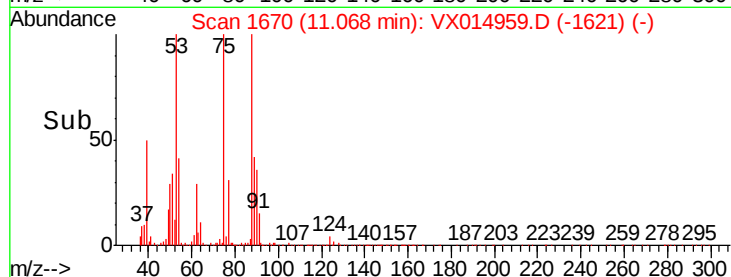
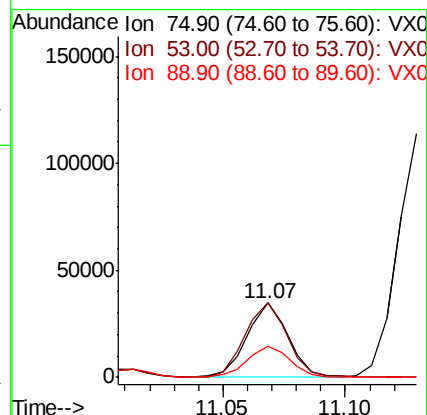
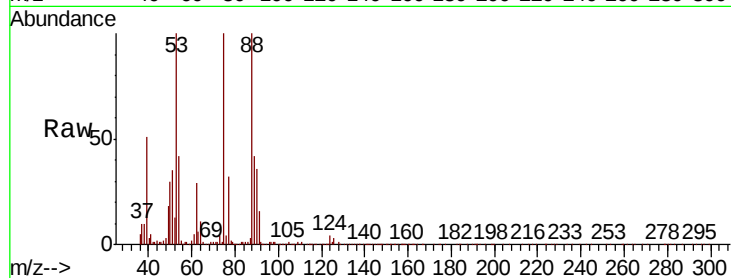
Tot Ion: 75 Resp: 40570

Ion Ratio Lower Upper

75 100

53 102.4 76.2 114.2

89 44.3 35.8 53.6



#82

4-Chlorotoluene

Concen: 19.019 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014959.D

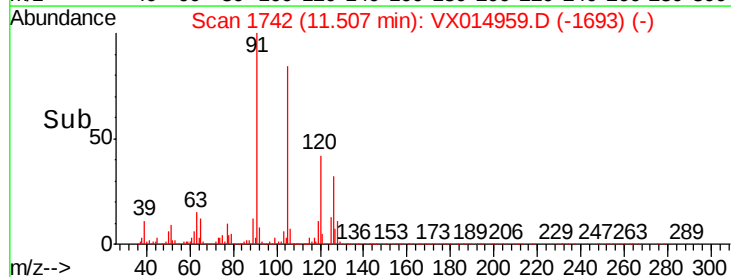
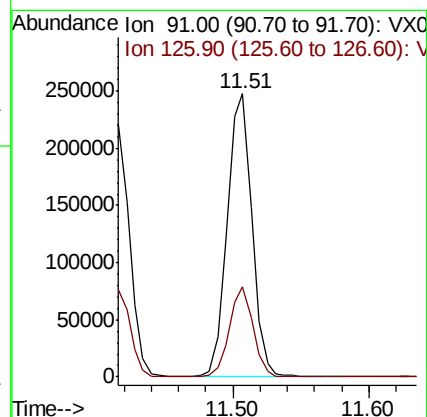
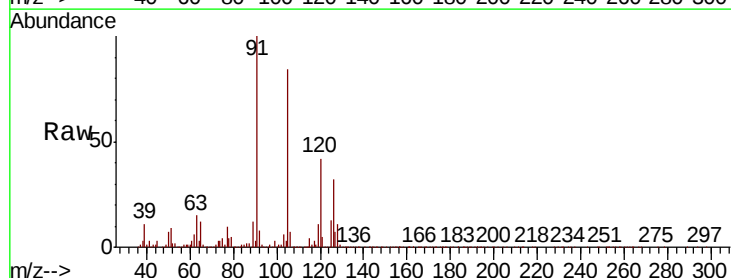
Acq: 19 Feb 2020 11:27

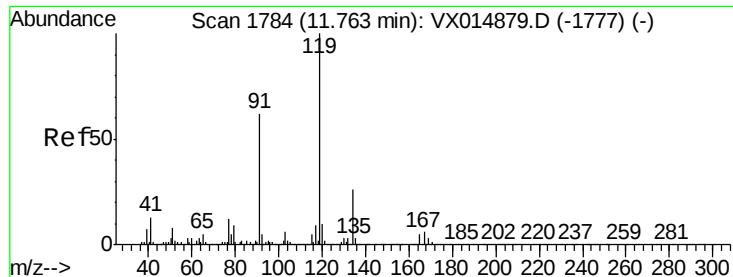
Tgt Ion: 91 Resp: 310435

Ion Ratio Lower Upper

91 100

126 30.2 15.7 47.0

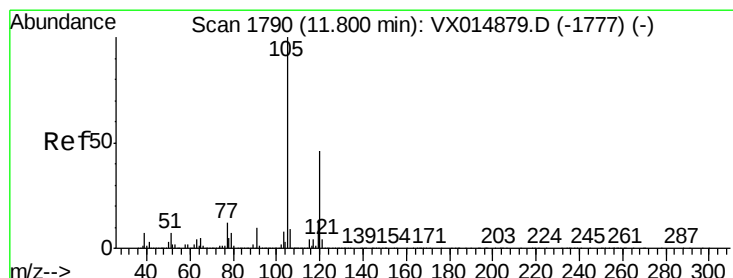
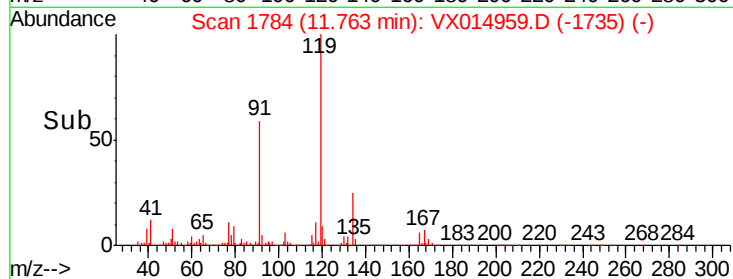
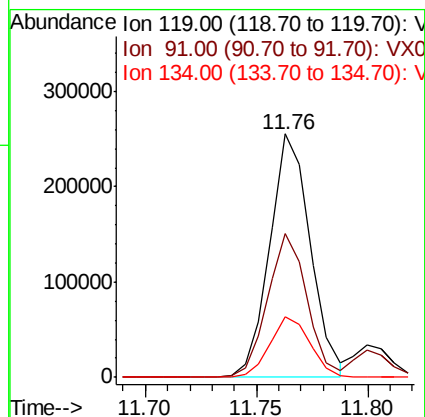
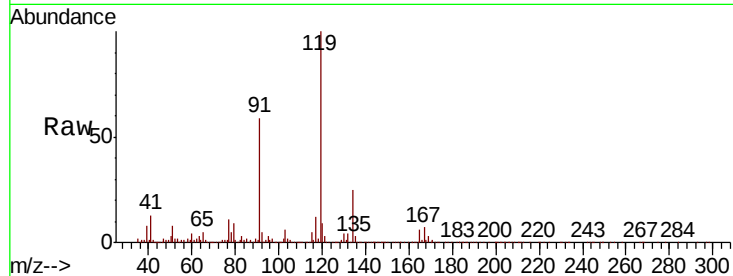




#83
tert-Butylbenzene
Concen: 20.199 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

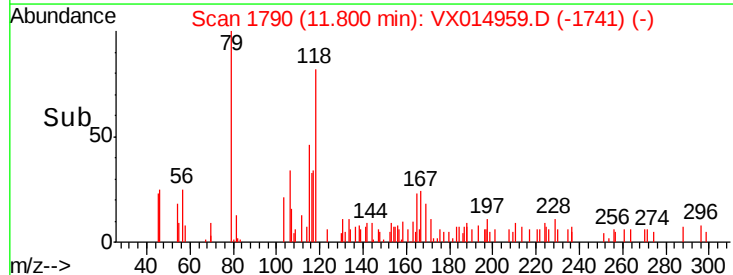
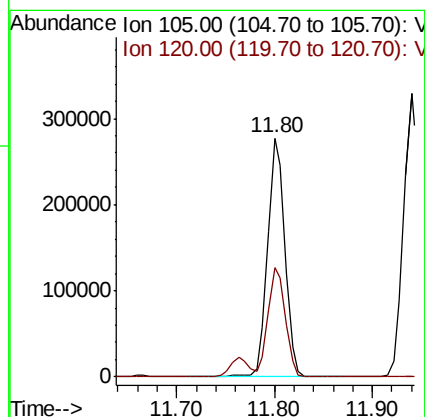
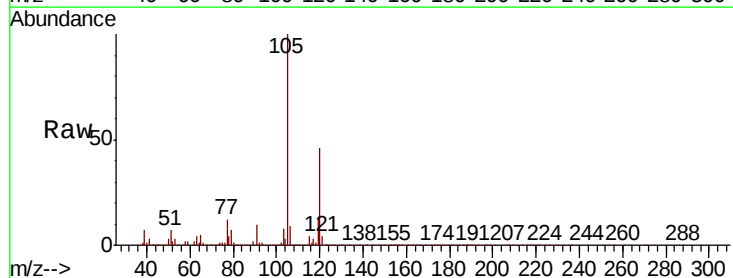
Instrument :
MSVOA_X
ClientSampleId :

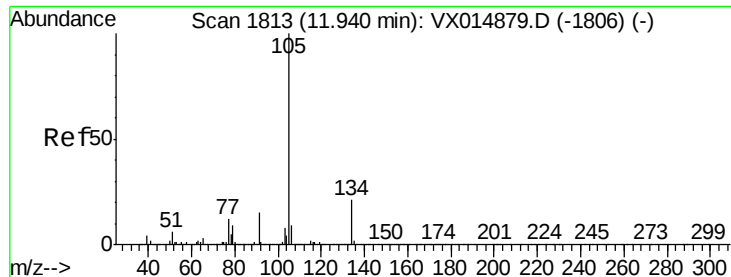
Tot Ion:119 Resp: 323961
Ion Ratio Lower Upper
119 100
91 57.0 29.5 88.6
134 24.7 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 19.900 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion:105 Resp: 339669
Ion Ratio Lower Upper
105 100
120 45.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.562 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

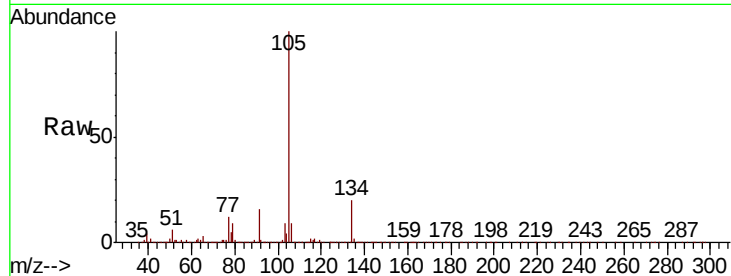
ClientSampleId :

Tot Ion:105 Resp: 389762

Ion Ratio Lower Upper

105 100

134 20.6 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

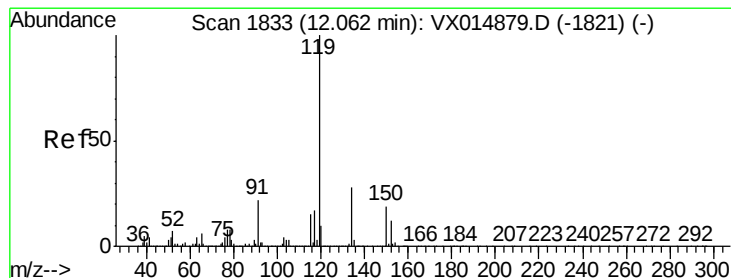
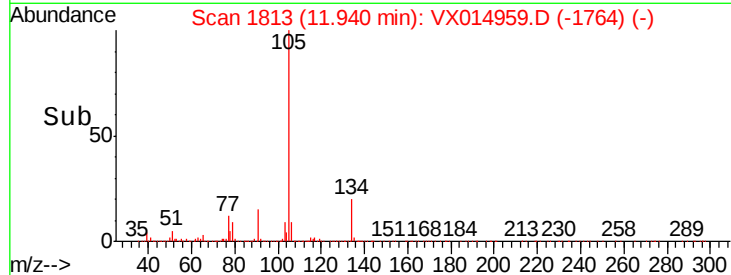
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.422 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

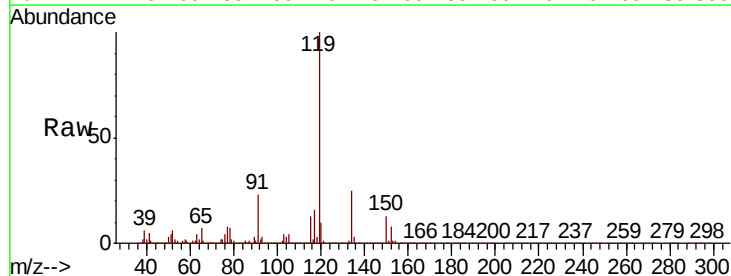
Tgt Ion:119 Resp: 362129

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 22.7 11.4 34.1



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

400000

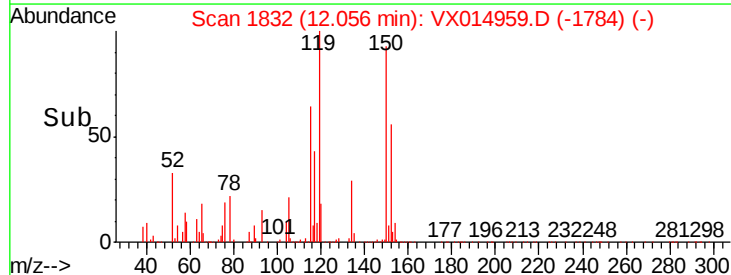
300000

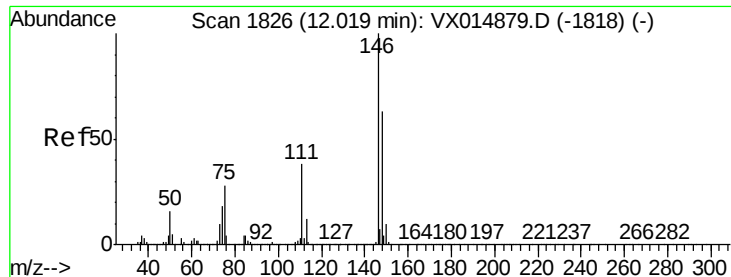
200000

100000

0

Time-->

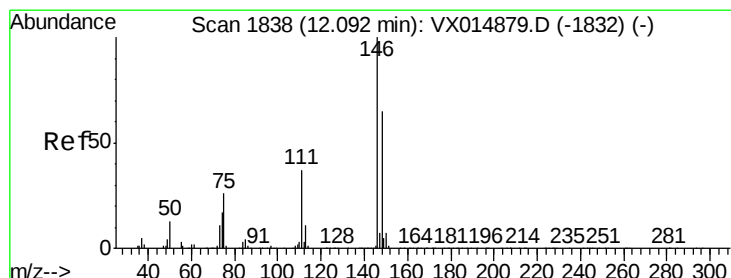
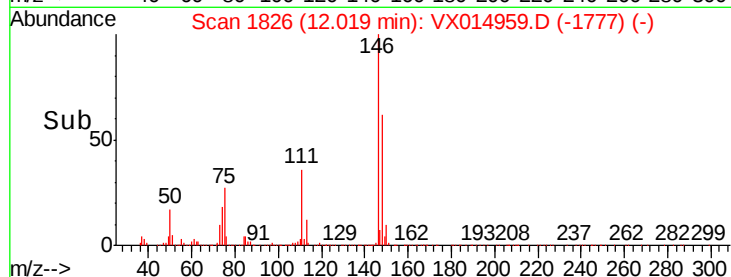
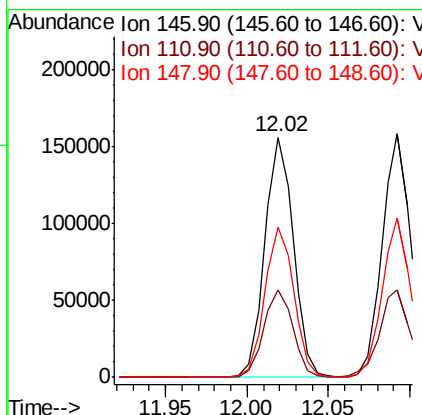
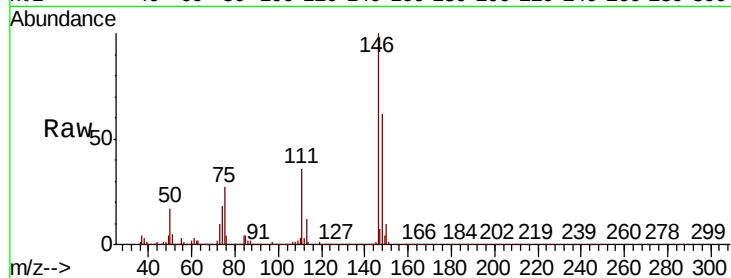




#87
 1,3-Dichlorobenzene
 Concen: 18.711 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

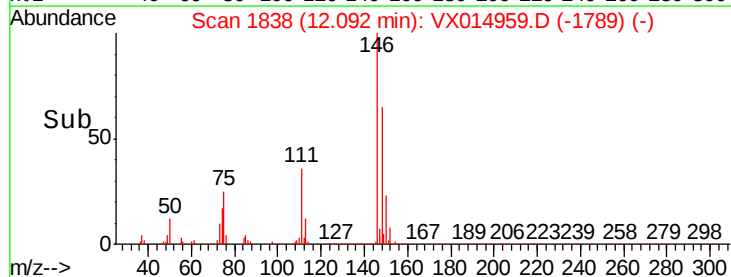
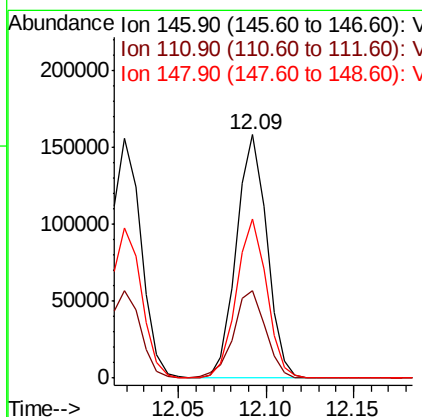
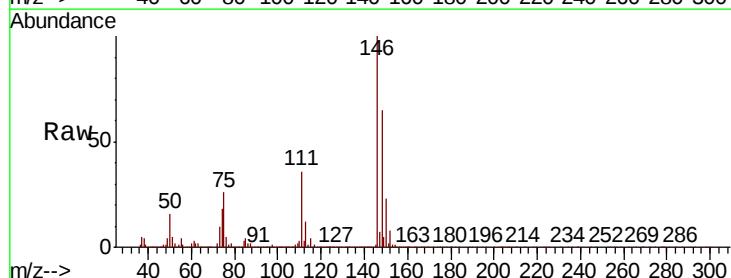
Instrument :
 MSVOA_X
 ClientSampleId :

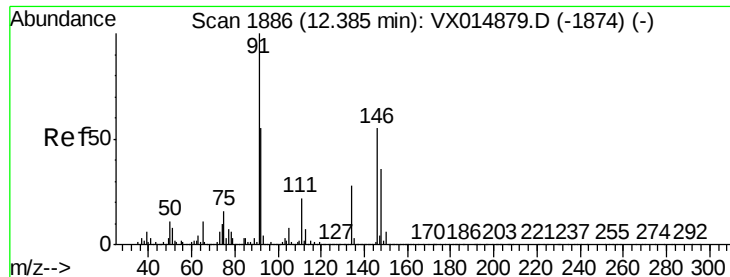
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	56.0
148	63.3	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.567 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	55.6
148	64.9	32.4	97.0





#89

n-Butylbenzene

Concen: 18.327 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

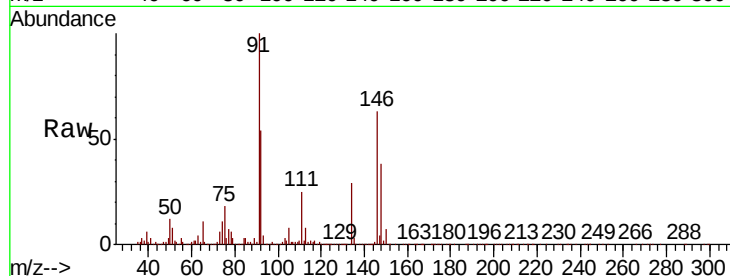
Tot Ion: 91 Resp: 306036

Ion Ratio Lower Upper

91 100

92 54.8 27.3 81.8

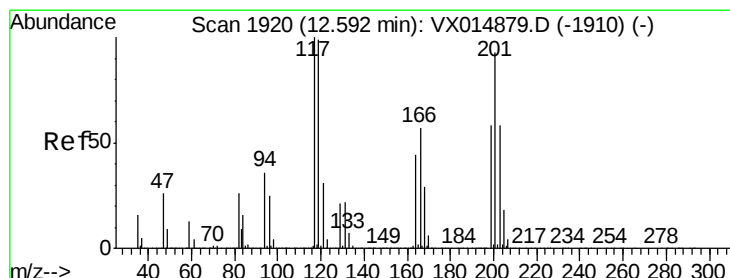
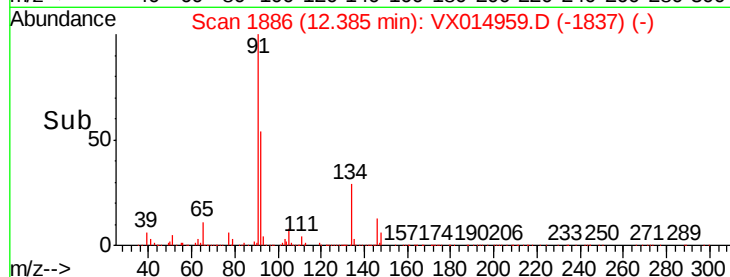
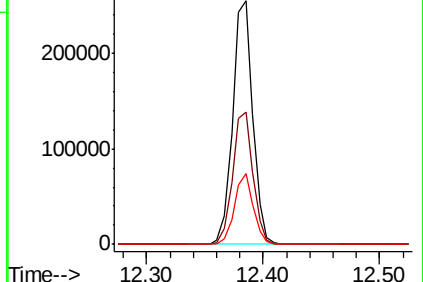
134 27.3 13.8 41.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.772 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014959.D

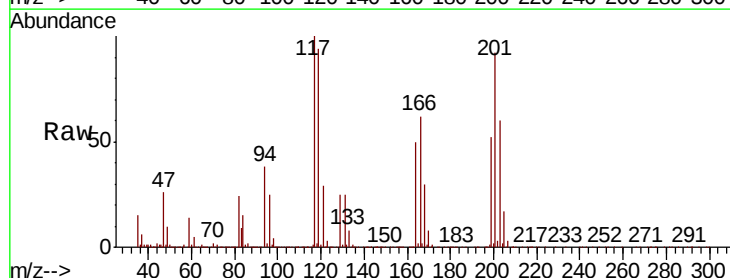
Acq: 19 Feb 2020 11:27

Tgt Ion: 117 Resp: 64379

Ion Ratio Lower Upper

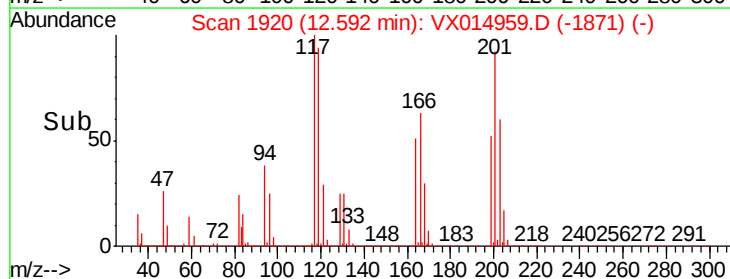
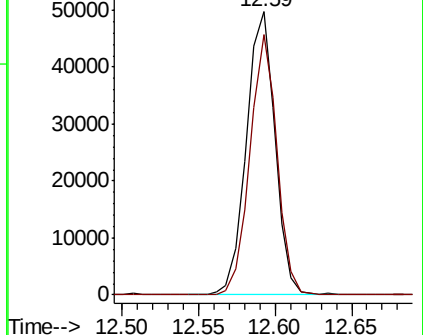
117 100

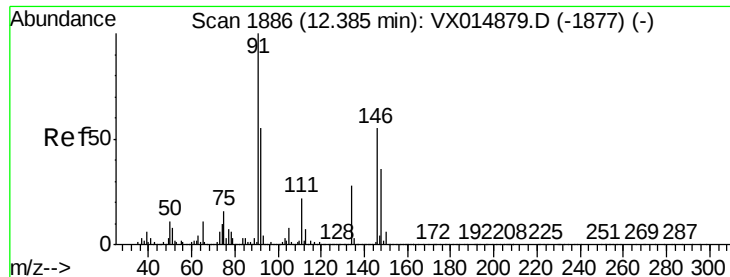
201 87.5 44.8 134.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.493 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

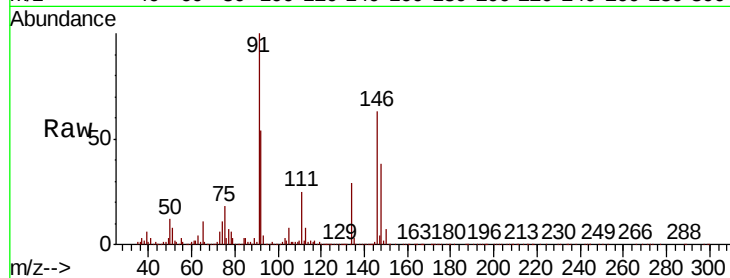
Tot Ion:146 Resp: 194024

Ion Ratio Lower Upper

146 100

111 38.5 19.8 59.3

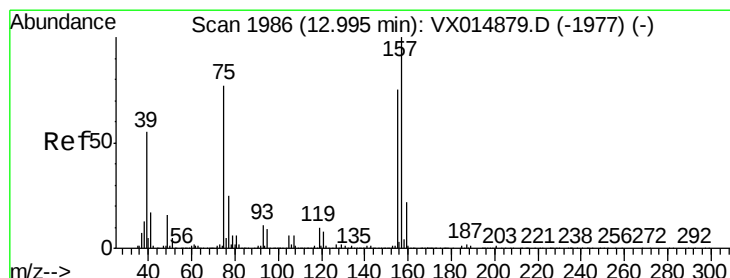
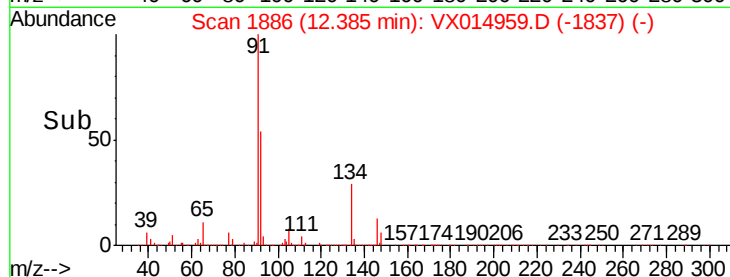
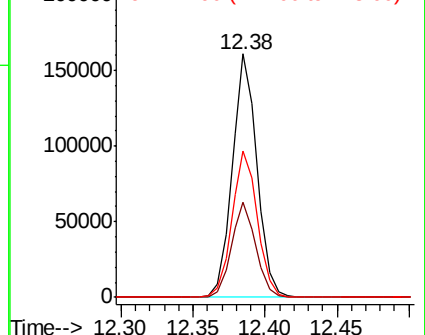
148 61.9 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.226 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

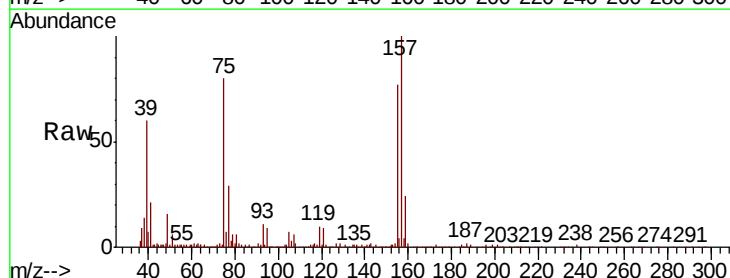
Tgt Ion: 75 Resp: 28333

Ion Ratio Lower Upper

75 100

155 93.0 48.6 145.9

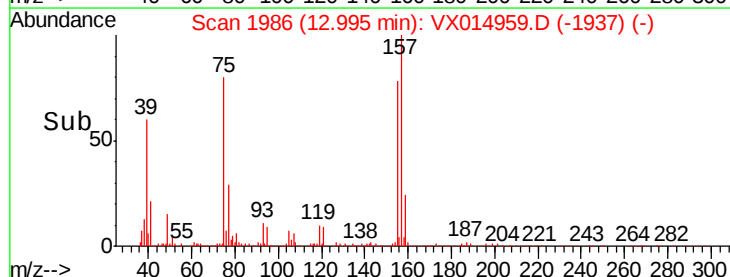
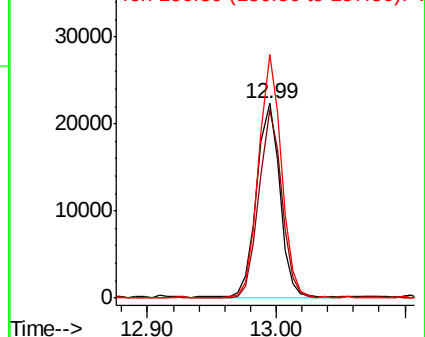
157 119.9 62.0 186.0

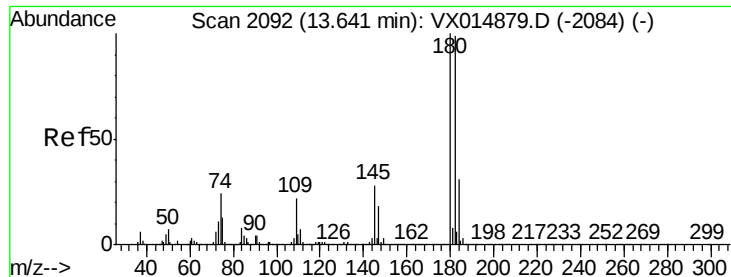


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 17.866 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

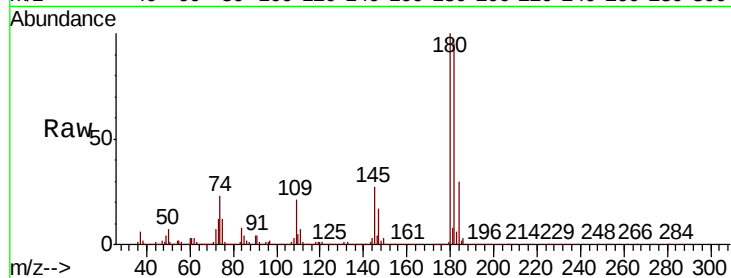
Tot Ion:180 Resp: 131253

Ion Ratio Lower Upper

180 100

182 94.6 48.4 145.3

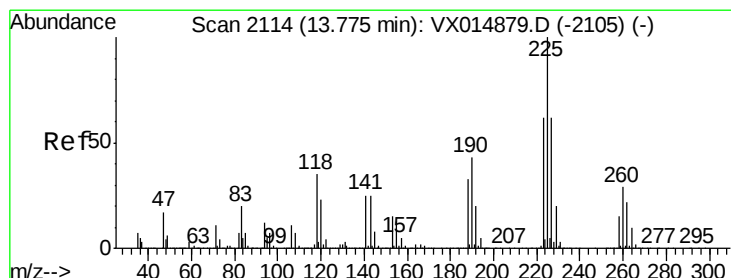
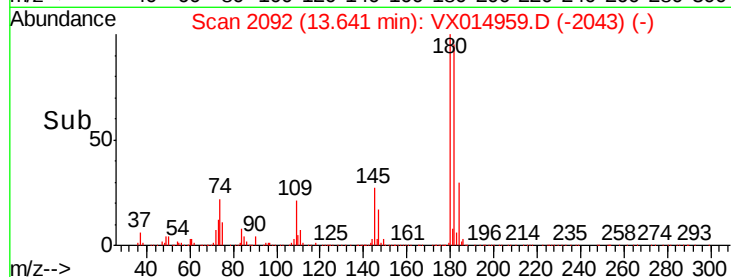
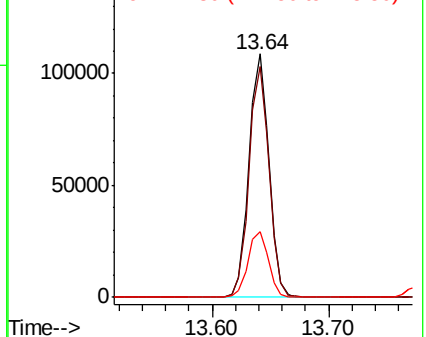
145 28.2 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.647 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

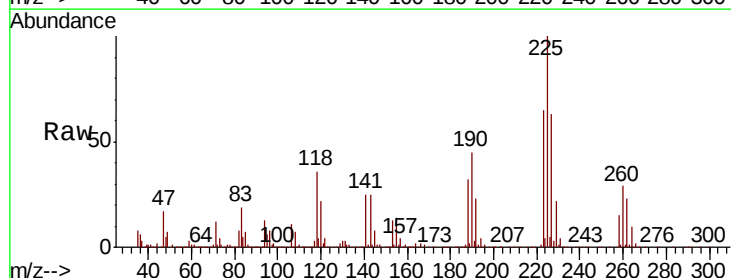
Tgt Ion:225 Resp: 66261

Ion Ratio Lower Upper

225 100

223 63.3 31.1 93.2

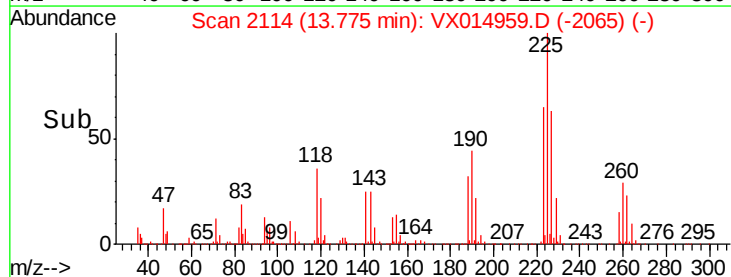
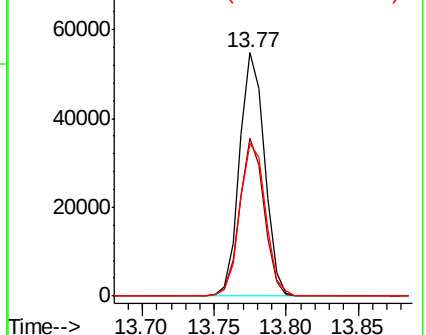
227 64.9 30.9 92.5

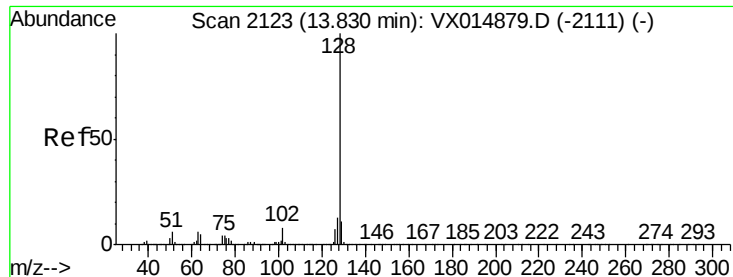


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

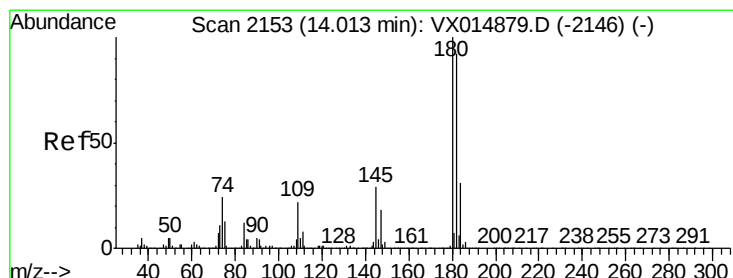
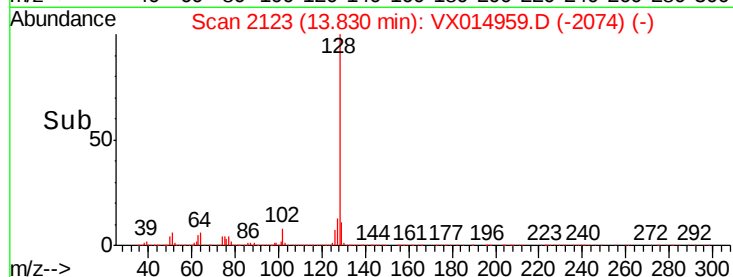
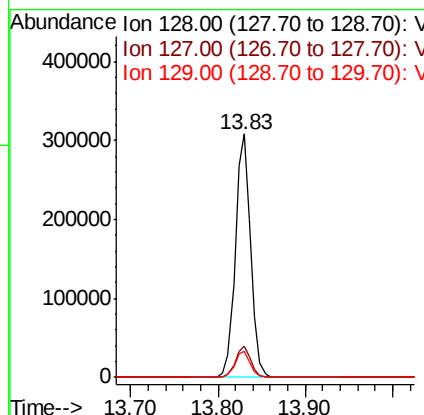
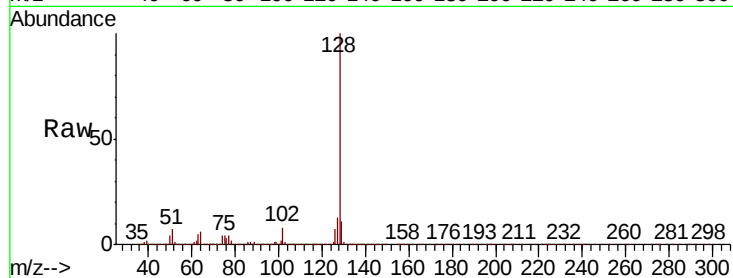




#95
Naphthalene
Concen: 19.392 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.954 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.5	142.6
145	29.1	14.5	43.5

