

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022020\
 Data File : VX014970.D
 Acq On : 20 Feb 2020 11:11
 Operator : JC/SP
 Sample : VX0220WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 21 00:31:17 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	438617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	641886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	593312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317473	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	243930	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	5.48	113	199345	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	8.71	98	761011	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.13	95	277198	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	80926	19.482	ug/l	98
3) Chloromethane	1.32	50	91528	19.436	ug/l	99
4) Vinyl Chloride	1.40	62	93732	18.476	ug/l	100
5) Bromomethane	1.64	94	62418	19.008	ug/l	96
6) Chloroethane	1.72	64	60095	18.513	ug/l	100
7) Trichlorofluoromethane	1.93	101	134830	19.022	ug/l	99
8) Diethyl Ether	2.18	74	57527	19.572	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	80864	19.654	ug/l	98
10) Methyl Iodide	2.50	142	77662	19.821	ug/l	99
11) Tert butyl alcohol	3.01	59	84268	96.415	ug/l	99
12) 1,1-Dichloroethene	2.37	96	76170	18.946	ug/l	97
13) Acrolein	2.28	56	46705	70.113	ug/l	96
14) Allyl chloride	2.72	41	130047	18.245	ug/l	100
15) Acrylonitrile	3.12	53	216673	97.790	ug/l	99
16) Acetone	2.43	43	251004	87.283	ug/l	99
17) Carbon Disulfide	2.56	76	195223	17.379	ug/l	99
18) Methyl Acetate	2.76	43	102041	20.468	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	255394	19.519	ug/l	100
20) Methylene Chloride	2.85	84	87530	18.381	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	81548	18.383	ug/l	97
22) Diisopropyl ether	3.84	45	273531	20.092	ug/l	97
23) Vinyl Acetate	3.80	43	1136984	101.312	ug/l	100
24) 1,1-Dichloroethane	3.69	63	148134	19.280	ug/l	99
25) 2-Butanone	4.65	43	320336	95.054	ug/l	100
26) 2,2-Dichloropropane	4.57	77	121855	18.403	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	96955	19.552	ug/l	96
28) Bromochloromethane	5.00	49	60708	20.385	ug/l	99
29) Tetrahydrofuran	5.11	42	189774	99.059	ug/l	100
30) Chloroform	5.20	83	148297	19.454	ug/l	99
31) Cyclohexane	5.57	56	131801	18.834	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	128585	19.283	ug/l	100
36) 1,1-Dichloropropene	5.79	75	110237	19.199	ug/l	99
37) Ethyl Acetate	4.81	43	117933	19.693	ug/l	99
38) Carbon Tetrachloride	5.77	117	108711	19.428	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	135943	18.931	ug/l	99
40) Benzene	6.13	78	337410	19.668	ug/l	100
41) Methacrylonitrile	5.02	41	64397	19.961	ug/l	98
42) 1,2-Dichloroethane	6.18	62	124133	20.020	ug/l	100
43) Isopropyl Acetate	6.43	43	191496	19.384	ug/l	99
44) Trichloroethene	7.20	130	94655	19.006	ug/l	95
45) 1,2-Dichloropropane	7.50	63	85764	19.602	ug/l	98
46) Dibromomethane	7.65	93	57782	19.320	ug/l	99
47) Bromodichloromethane	7.89	83	114127	19.246	ug/l	97
48) Methyl methacrylate	7.76	41	95084	19.557	ug/l	99
49) 1,4-Dioxane	7.73	88	37963	417.630	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	604352	101.313	ug/l	99
52) Toluene	8.78	92	212775	19.527	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	124199	19.111	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	137119	19.099	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	89290	20.254	ug/l	98
56) Ethyl methacrylate	9.17	69	127646	19.264	ug/l	98
57) 1,3-Dichloropropane	9.36	76	147219	19.839	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.30	63	333015	96.097	ug/l	100
59) 2-Hexanone	9.48	43	467353	99.676	ug/l	100
60) Dibromochloromethane	9.57	129	92489	19.495	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93116	19.576	ug/l	98
64) Tetrachloroethene	9.33	164	97827	17.635	ug/l	98
65) Chlorobenzene	10.13	112	234339	19.473	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	86842	19.878	ug/l	98
67) Ethyl Benzene	10.25	91	406999	19.887	ug/l	99
68) m/p-Xylenes	10.36	106	309485	39.254	ug/l	100
69) o-Xylene	10.70	106	150586	19.869	ug/l	99
70) Styrene	10.70	104	251268	19.598	ug/l	99
71) Bromoform	10.85	173	69860	19.157	ug/l #	100
73) Isopropylbenzene	11.01	105	406714	20.429	ug/l	99
74) N-amyl acetate	10.89	43	163835	19.805	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	129571	19.909	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	145061	25.268	ug/l	94
77) Bromobenzene	11.25	156	107831	19.405	ug/l	98
78) n-propylbenzene	11.35	91	454925	19.756	ug/l	99
79) 2-Chlorotoluene	11.42	91	269124	19.880	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	337441	20.285	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40420	18.022	ug/l	95
82) 4-Chlorotoluene	11.51	91	310435	19.364	ug/l	100
83) tert-Butylbenzene	11.76	119	322692	20.485	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	338850	20.212	ug/l	100
85) sec-Butylbenzene	11.94	105	389795	19.919	ug/l	100
86) p-Isopropyltoluene	12.06	119	365430	19.955	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	188640	18.923	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	189553	18.620	ug/l	99
89) n-Butylbenzene	12.39	91	307710	18.762	ug/l	100
90) Hexachloroethane	12.59	117	61990	19.384	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	187226	19.151	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26777	17.538	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

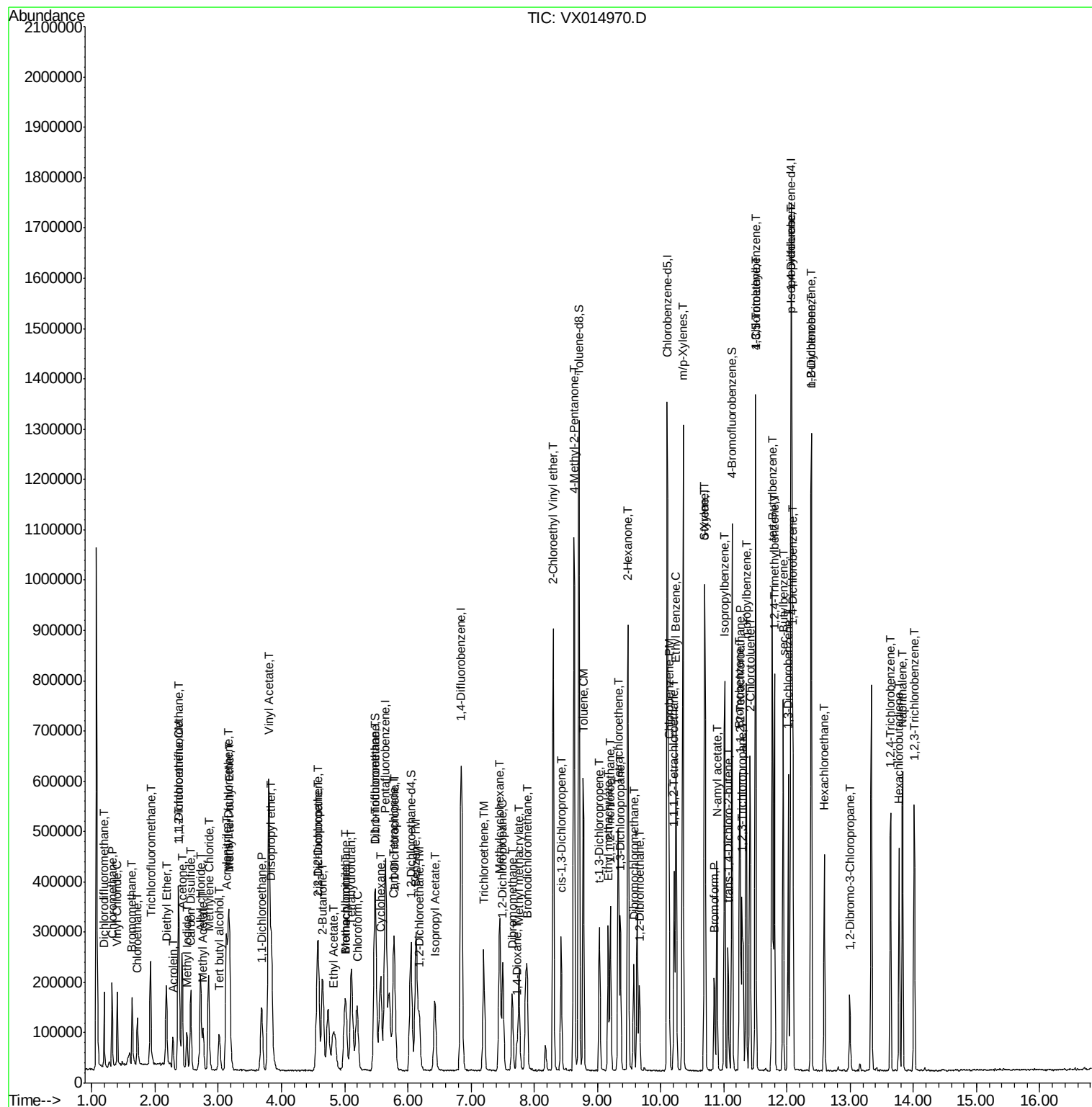
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	128598	17.822	ug/l	98
94) Hexachlorobutadiene	13.78	225	67863	19.444	ug/l	99
95) Naphthalene	13.83	128	368331	19.198	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	132876	19.060	ug/l	99

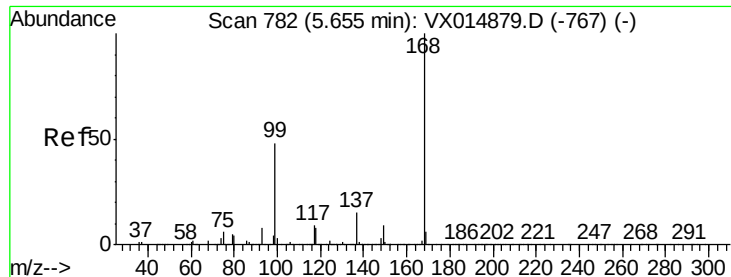
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
 MSVOA_X
 ClientSampled :

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

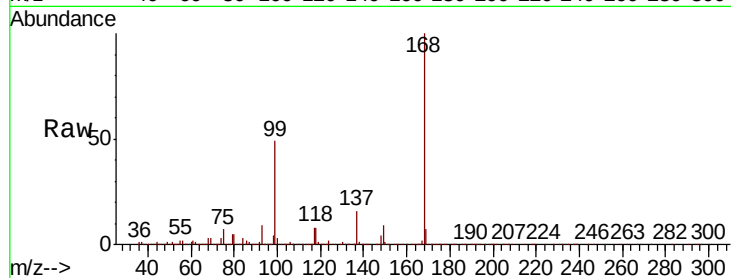
ClientSampleId :

Tot Ion:168 Resp: 438617

Ion Ratio Lower Upper

168 100

99 48.8 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

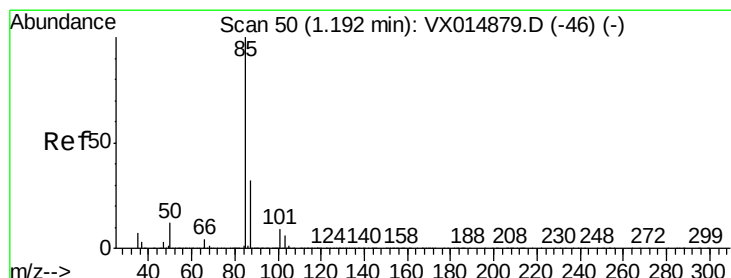
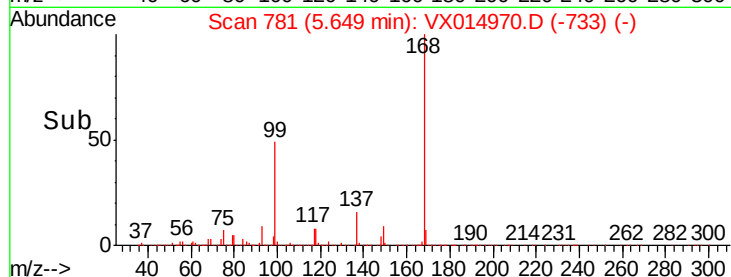
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.482 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014970.D

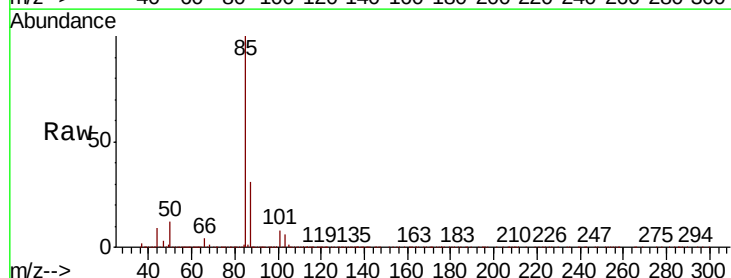
Acq: 20 Feb 2020 11:11

Tgt Ion: 85 Resp: 80926

Ion Ratio Lower Upper

85 100

87 30.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

60000

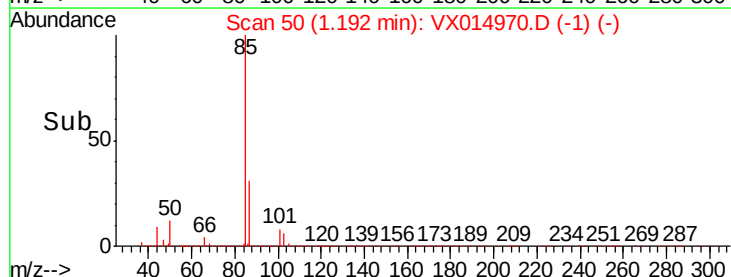
40000

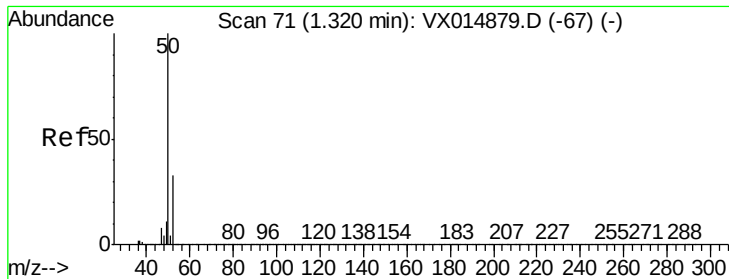
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.436 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

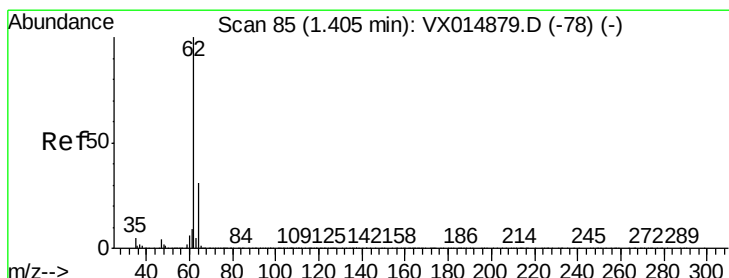
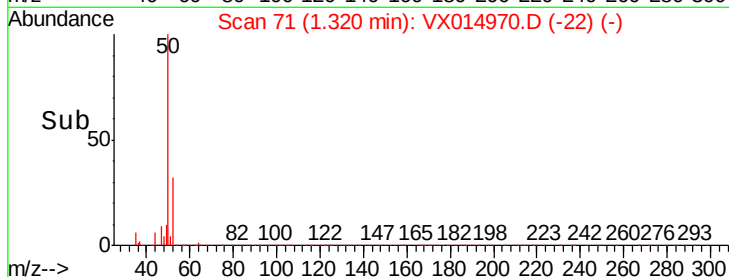
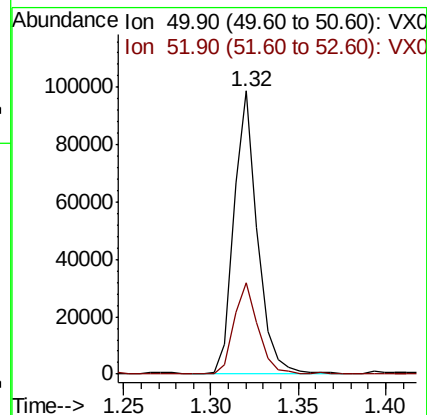
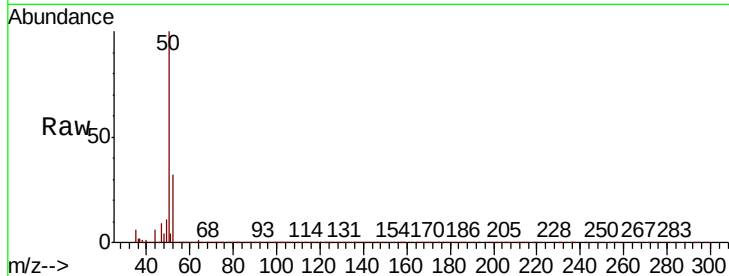
ClientSampled :

Tot Ion: 50 Resp: 91528

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.2



#4

Vinyl Chloride

Concen: 18.476 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014970.D

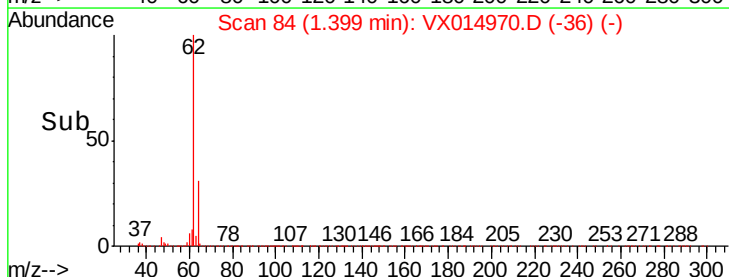
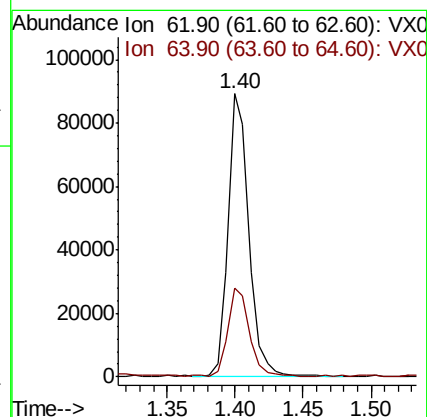
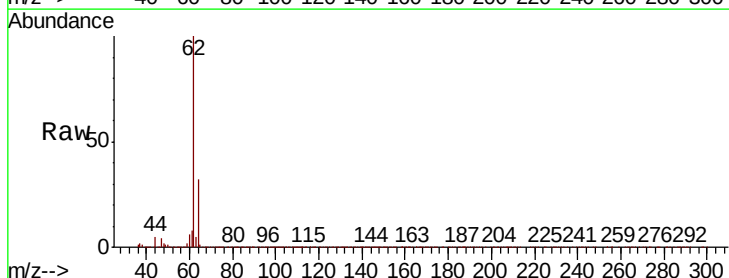
Acq: 20 Feb 2020 11:11

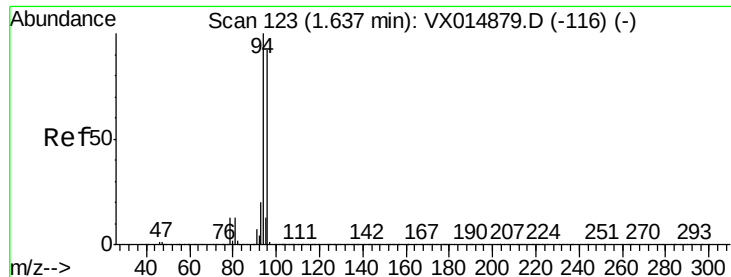
Tgt Ion: 62 Resp: 93732

Ion Ratio Lower Upper

62 100

64 31.1 24.8 37.2





#5

Bromomethane

Concen: 19.008 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

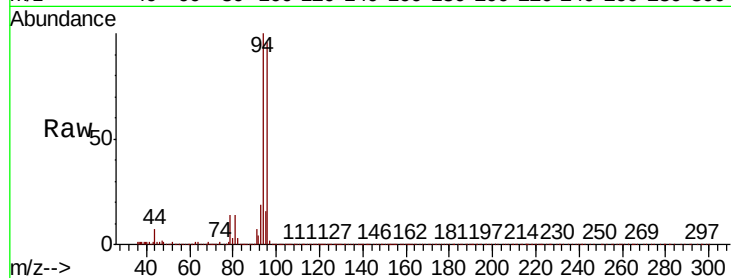
ClientSampled :

Tot Ion: 94 Resp: 62418

Ion Ratio Lower Upper

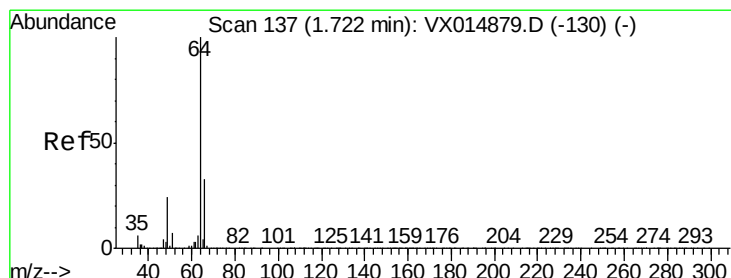
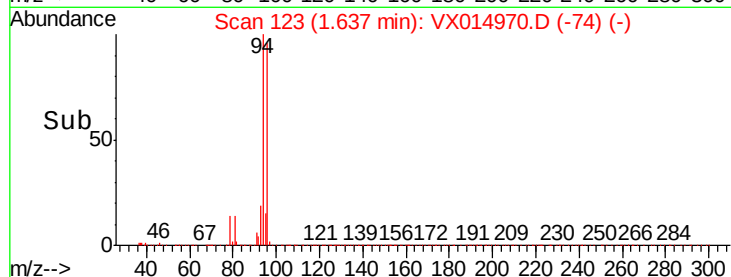
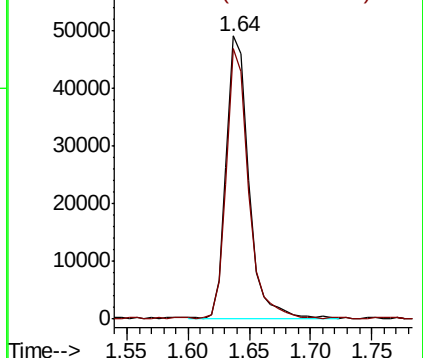
94 100

96 95.6 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.513 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX014970.D

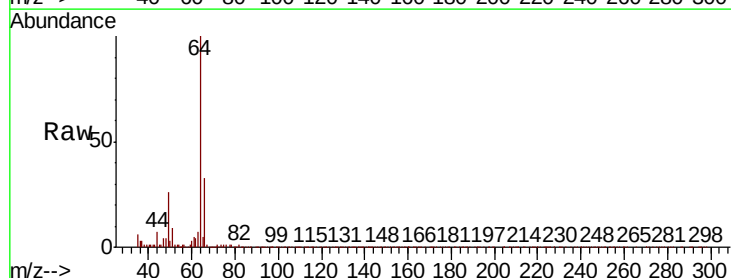
Acq: 20 Feb 2020 11:11

Tgt Ion: 64 Resp: 60095

Ion Ratio Lower Upper

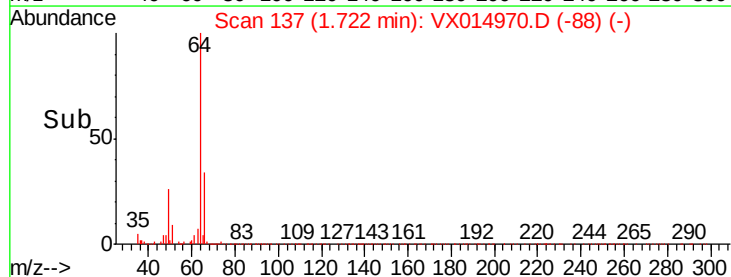
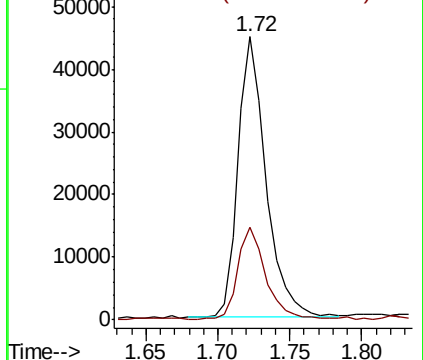
64 100

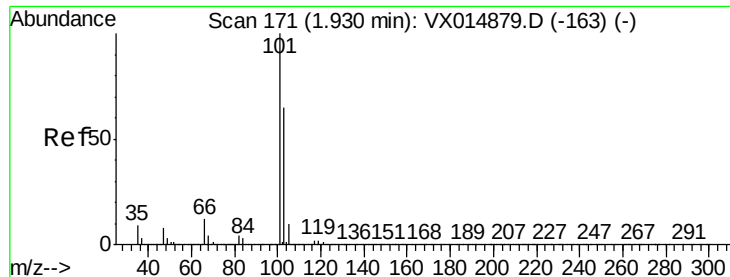
66 33.0 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



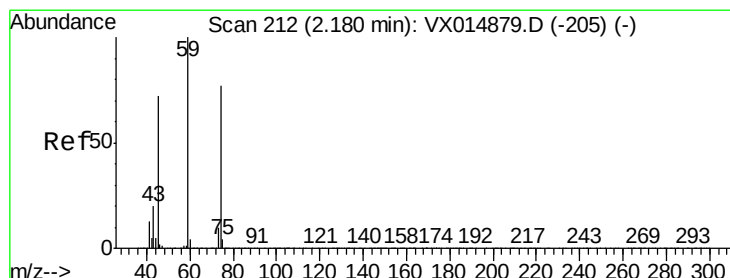
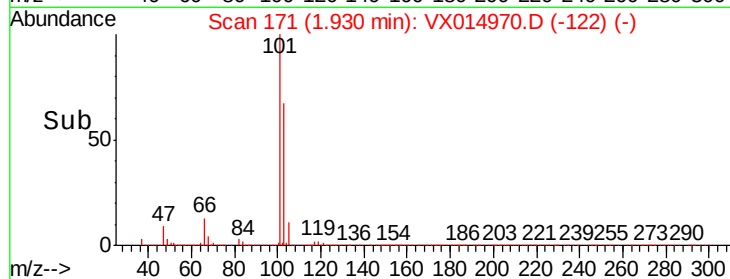
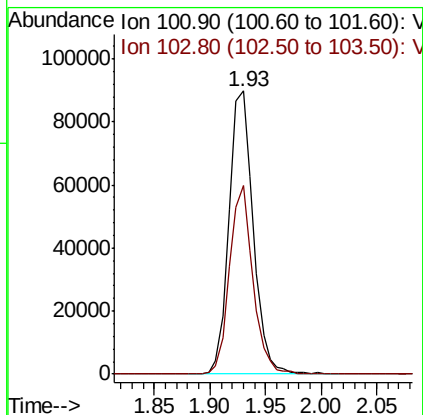
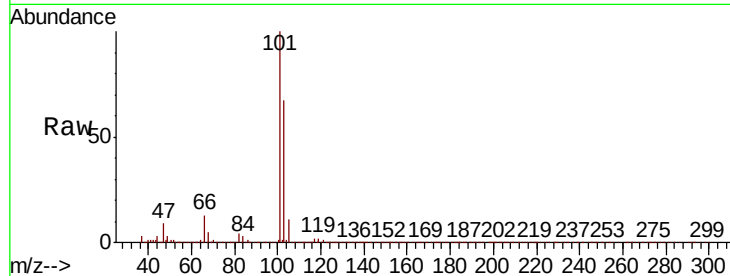


#7

Trichlorofluoromethane
 Concen: 19.022 ug/l
 RT: 1.93 min Scan# 171
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Instrument :
 MSVOA_X
 ClientSampleId :

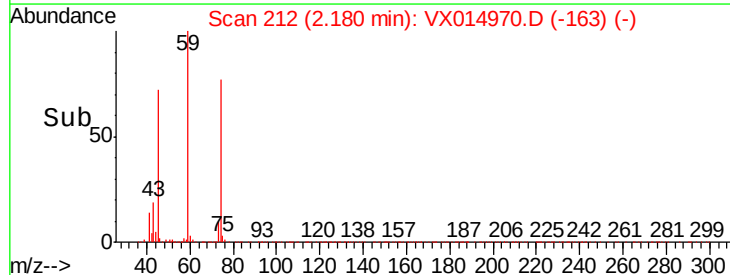
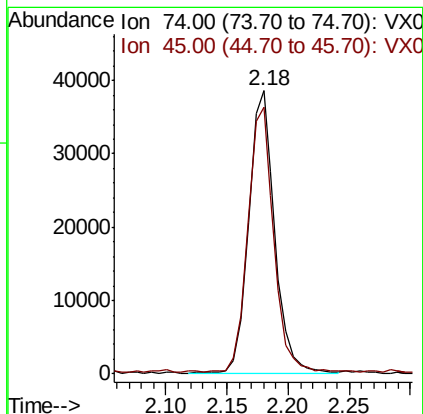
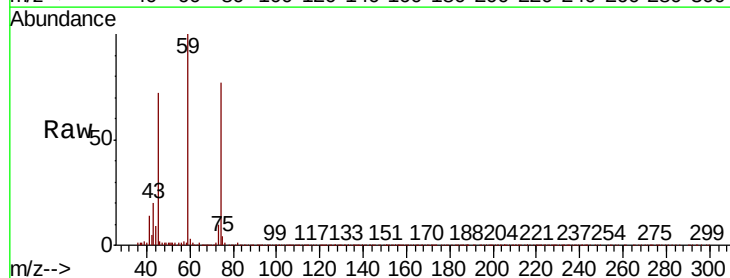
Tot Ion:101 Resp: 134830
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.2 78.4

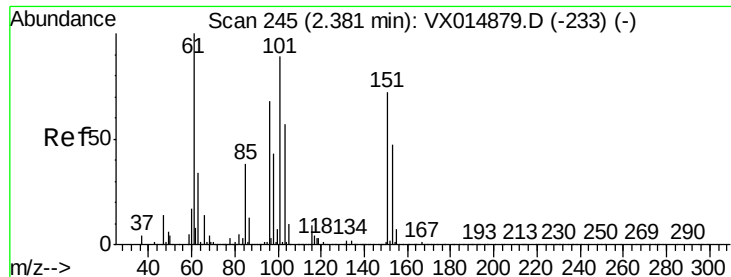


#8

Diethyl Ether
 Concen: 19.572 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Tgt Ion: 74 Resp: 57527
 Ion Ratio Lower Upper
 74 100
 45 91.3 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.654 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampled :

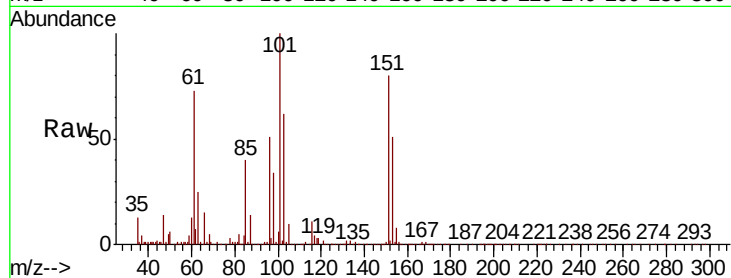
Tot Ion:101 Resp: 80864

Ion Ratio Lower Upper

101 100

85 41.7 34.1 51.1

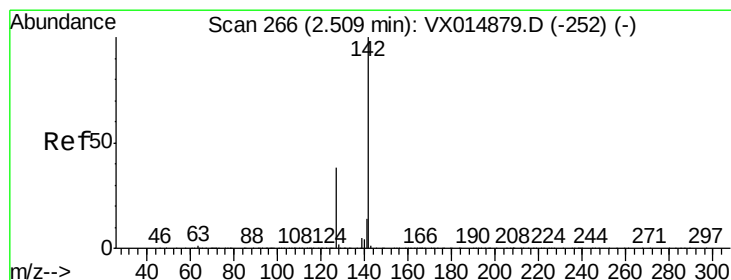
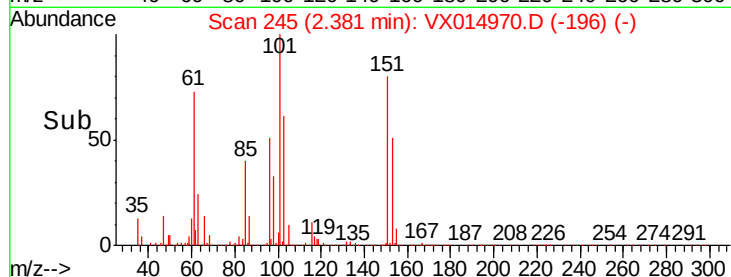
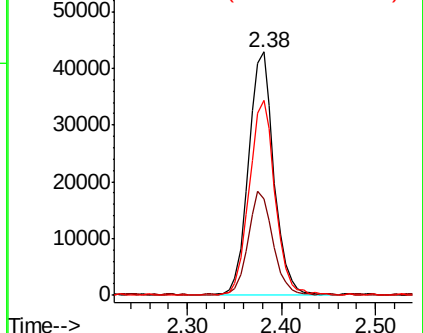
151 82.5 67.3 100.9



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: 19.821 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

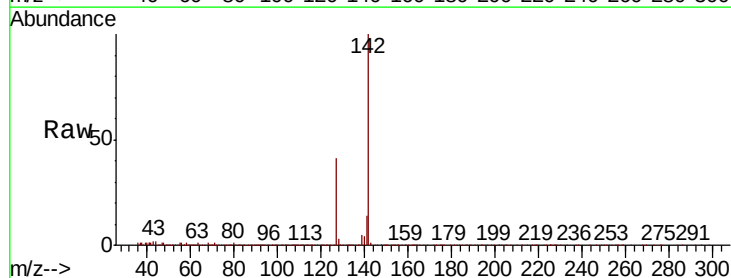
Tgt Ion:142 Resp: 77662

Ion Ratio Lower Upper

142 100

127 39.6 31.1 46.7

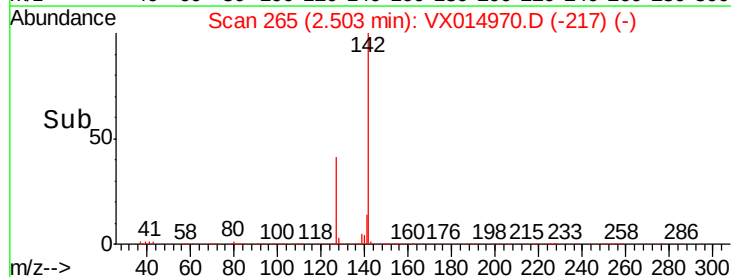
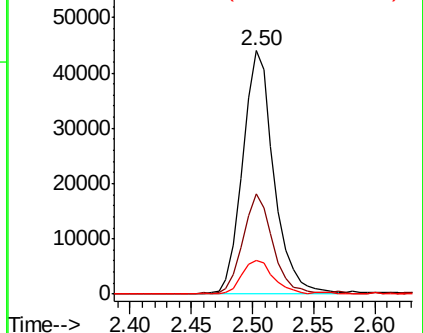
141 14.9 11.3 16.9

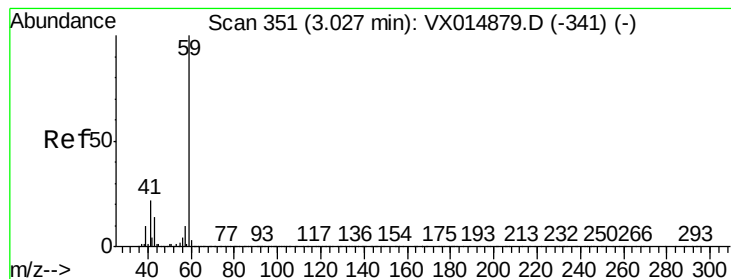


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 96.415 ug/l

RT: 3.01 min Scan# 349

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

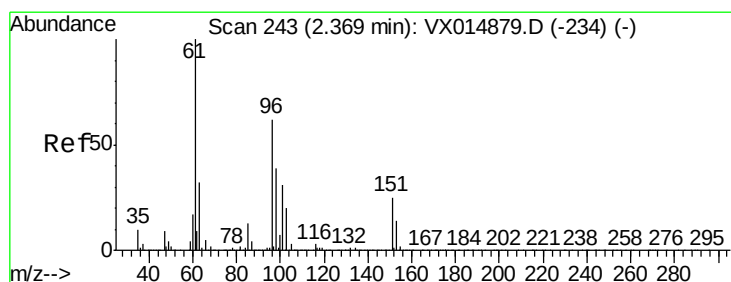
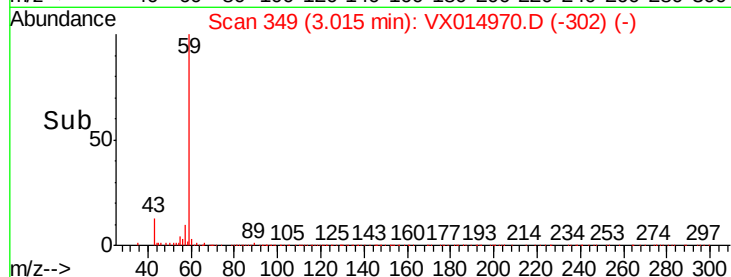
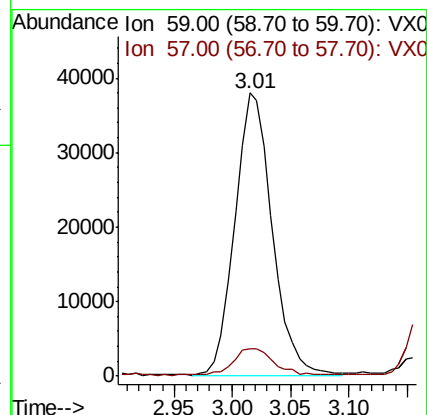
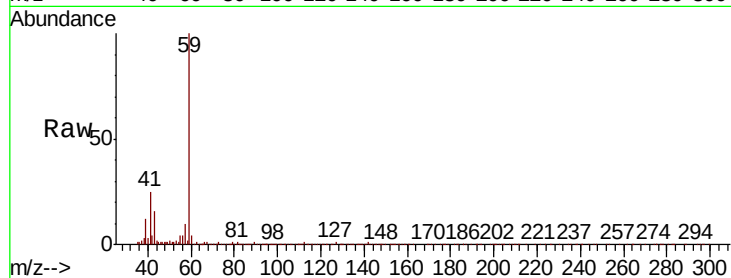
ClientSampleId :

Tot Ion: 59 Resp: 84268

Ion Ratio Lower Upper

59 100

57 10.0 8.2 12.4



#12

1,1-Dichloroethene

Concen: 18.946 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

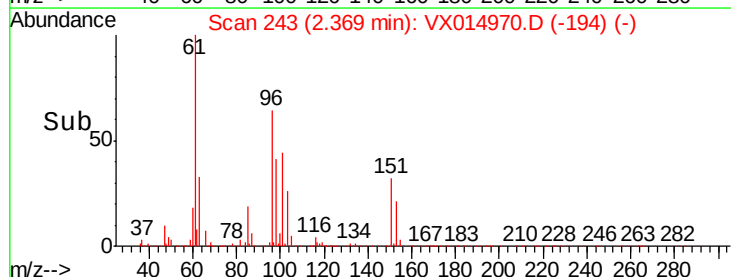
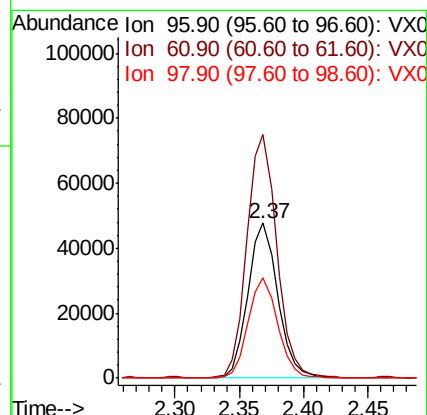
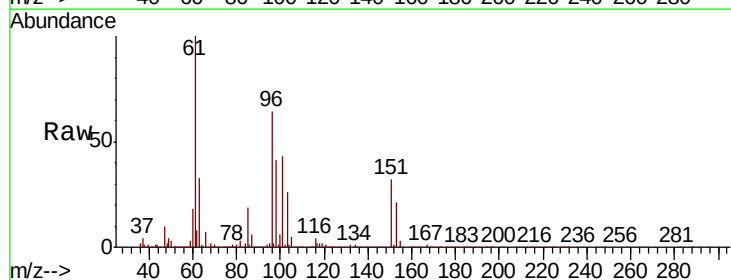
Tgt Ion: 96 Resp: 76170

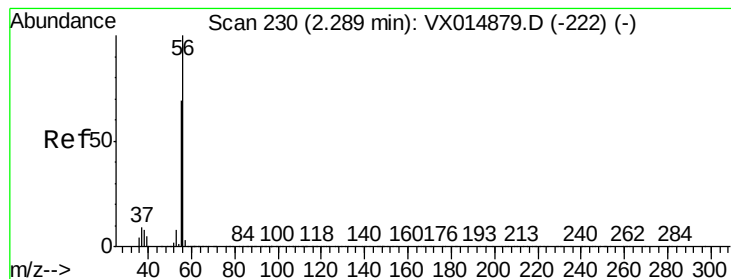
Ion Ratio Lower Upper

96 100

61 157.4 129.5 194.3

98 65.0 50.6 76.0





#13

Acrolein

Concen: 70.113 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

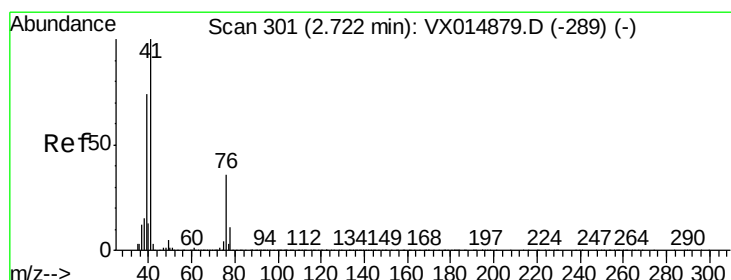
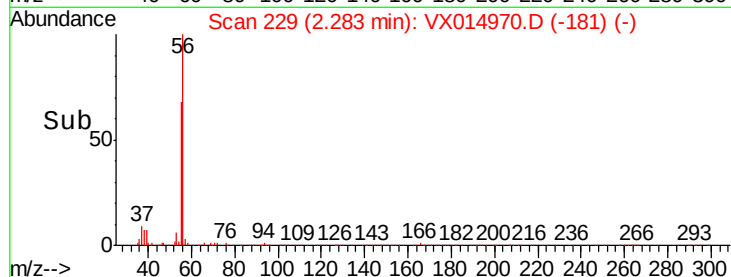
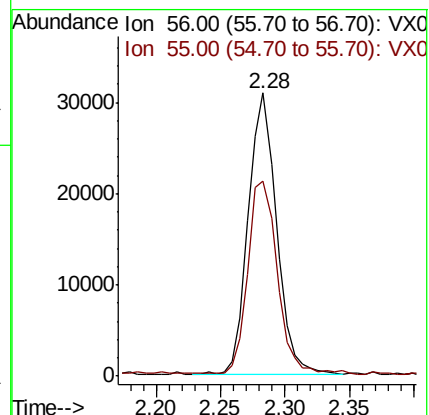
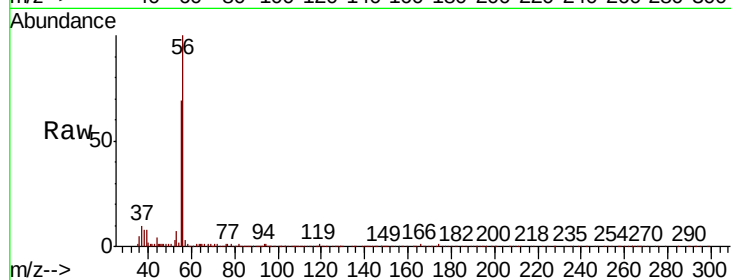
ClientSampleId :

Tot Ion: 56 Resp: 46705

Ion Ratio Lower Upper

56 100

55 71.6 55.0 82.4



#14

Allyl chloride

Concen: 18.245 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

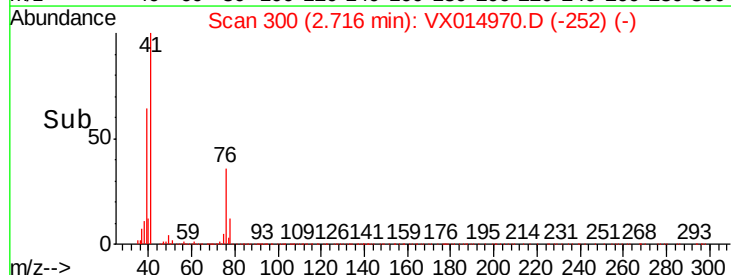
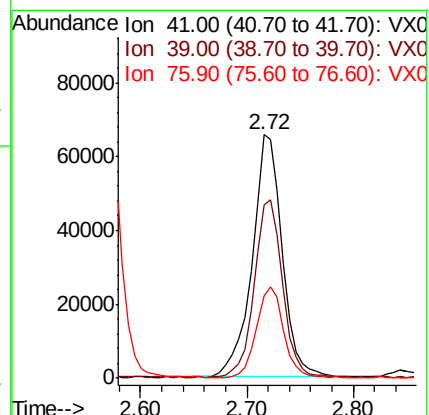
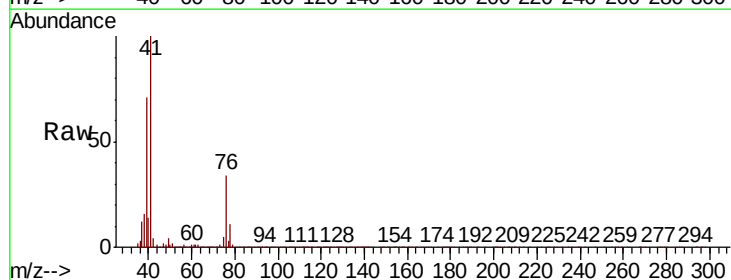
Tgt Ion: 41 Resp: 130047

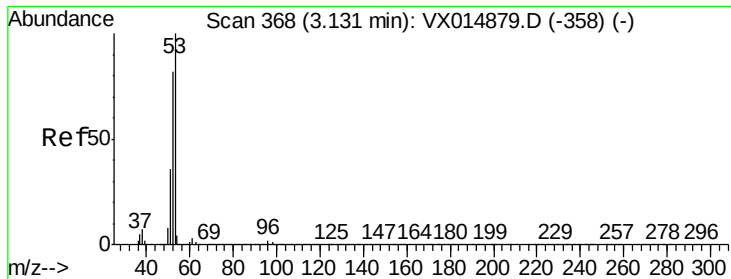
Ion Ratio Lower Upper

41 100

39 68.9 55.2 82.8

76 33.5 26.8 40.2





#15

Acrylonitrile

Concen: 97.790 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampled :

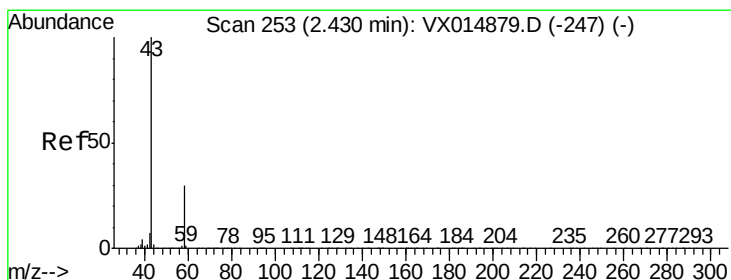
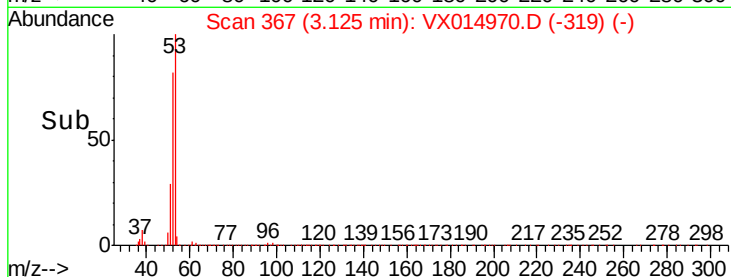
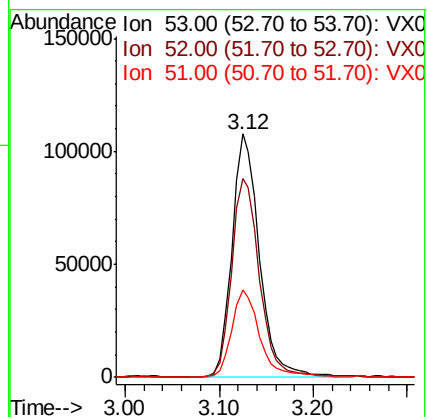
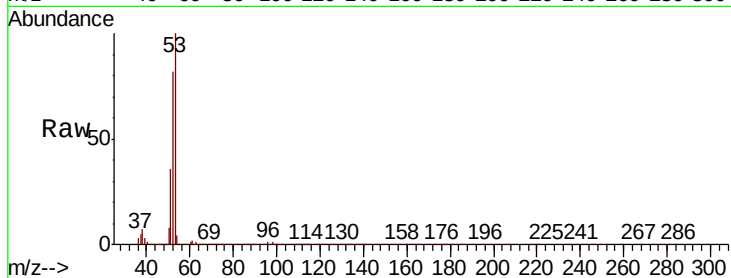
Tot Ion: 53 Resp: 216673

Ion Ratio Lower Upper

53 100

52 83.3 65.8 98.6

51 36.7 29.1 43.7



#16

Acetone

Concen: 87.283 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014970.D

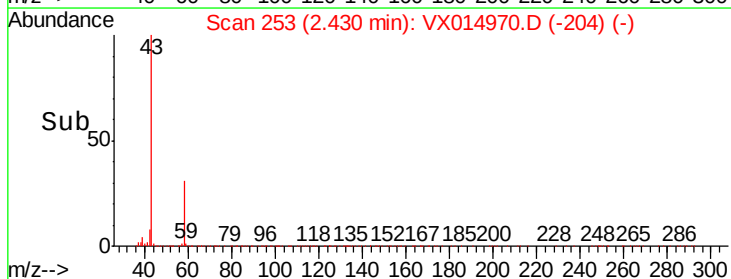
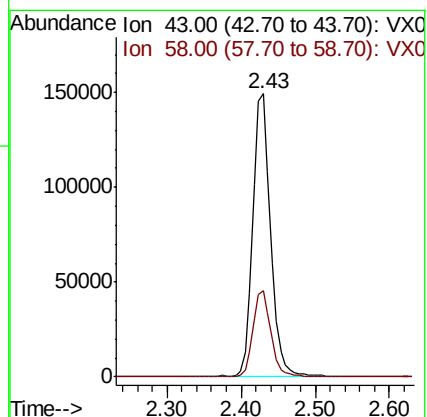
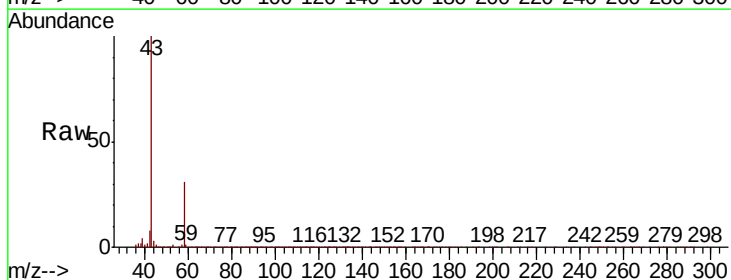
Acq: 20 Feb 2020 11:11

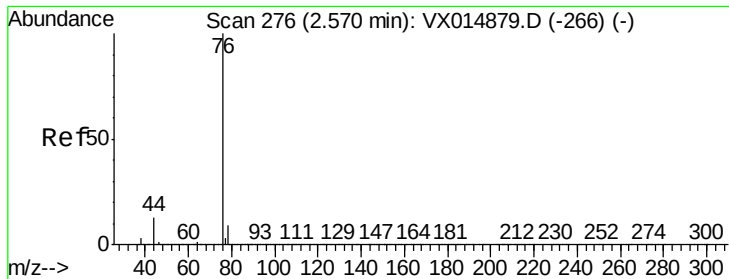
Tgt Ion: 43 Resp: 251004

Ion Ratio Lower Upper

43 100

58 30.4 24.1 36.1





#17

Carbon Disulfide

Concen: 17.379 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

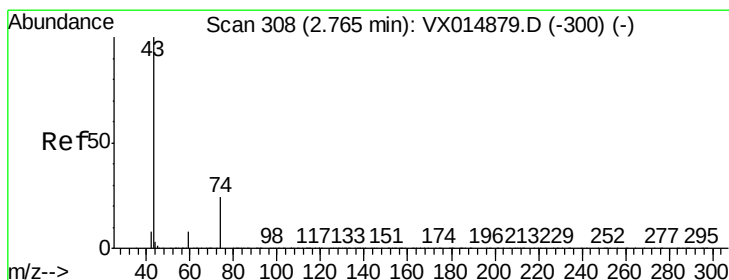
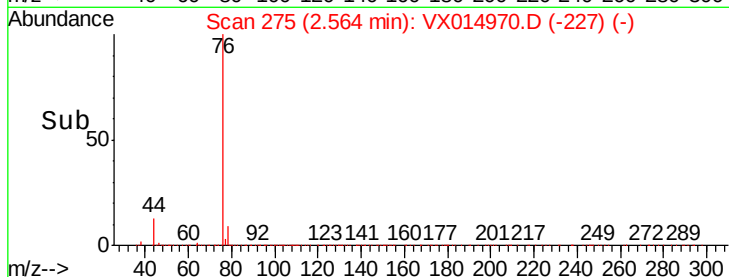
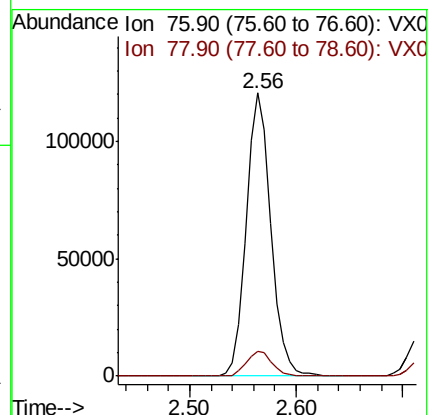
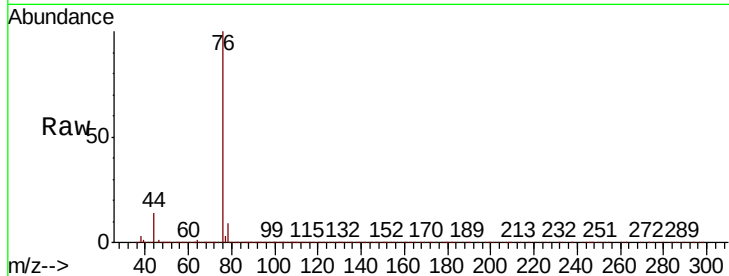
ClientSampleId :

Tot Ion: 76 Resp: 195223

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0



#18

Methyl Acetate

Concen: 20.468 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014970.D

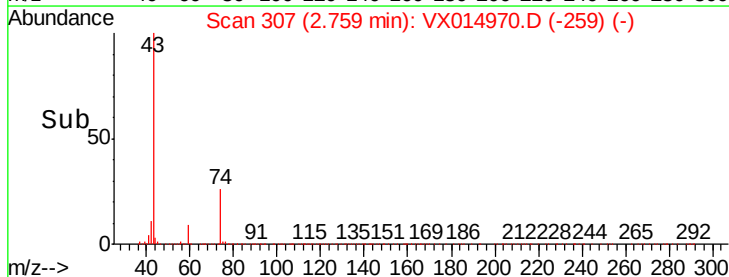
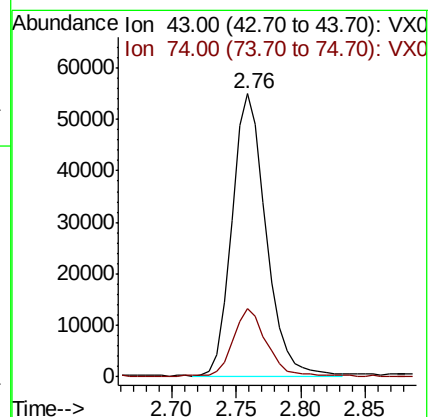
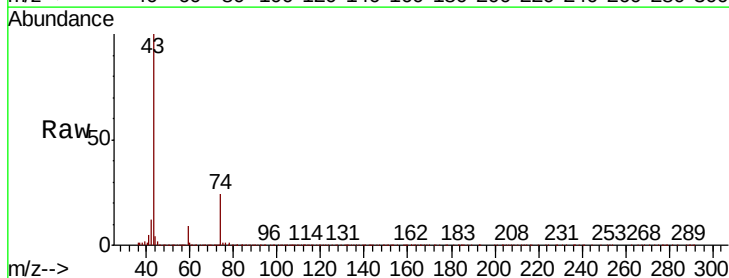
Acq: 20 Feb 2020 11:11

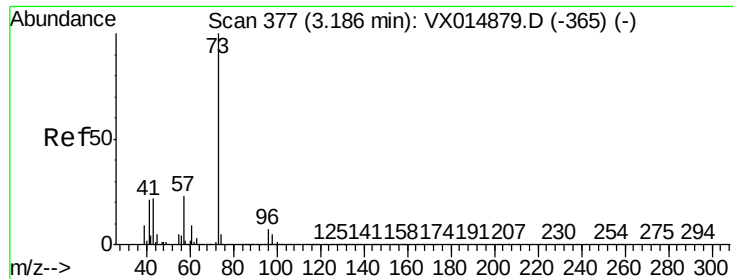
Tgt Ion: 43 Resp: 102041

Ion Ratio Lower Upper

43 100

74 24.1 19.4 29.0

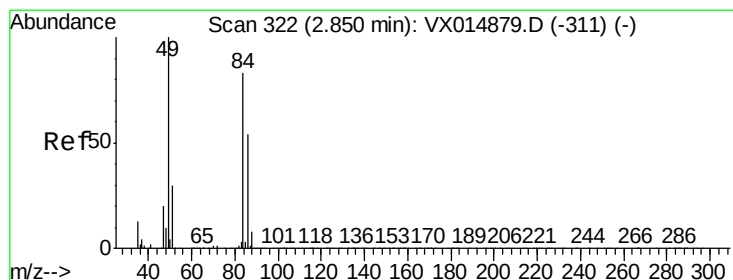
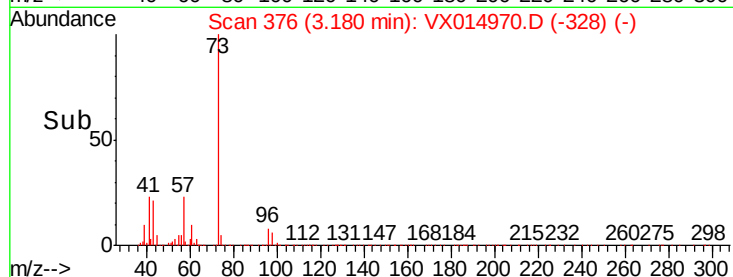
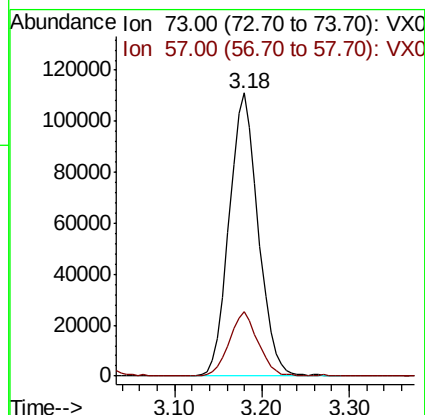
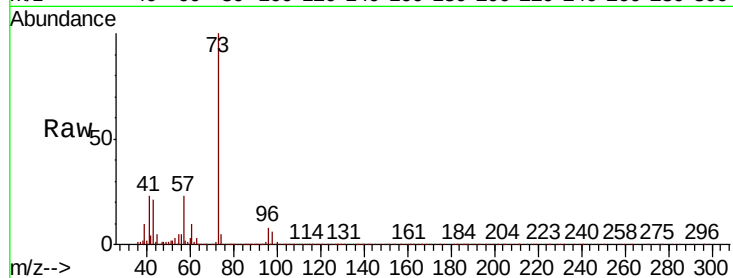




#19
Methyl tert-butyl Ether
Concen: 19.519 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

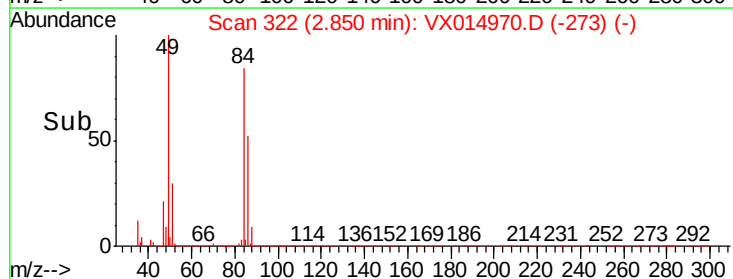
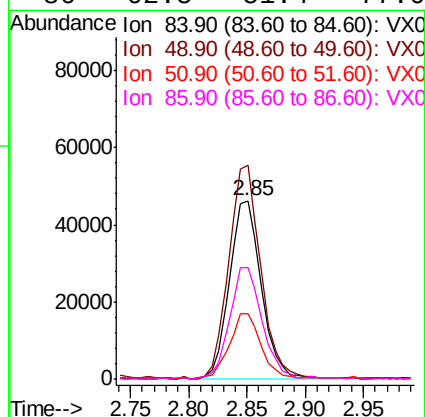
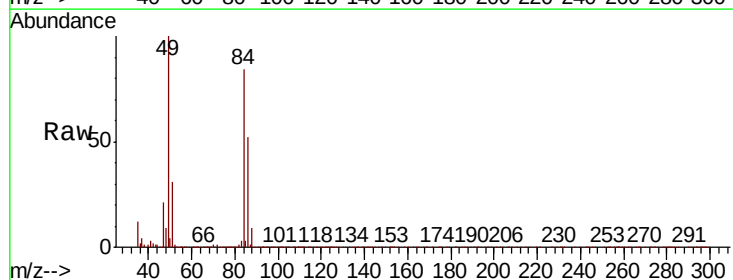
Instrument :
MSVOA_X
ClientSampleId :

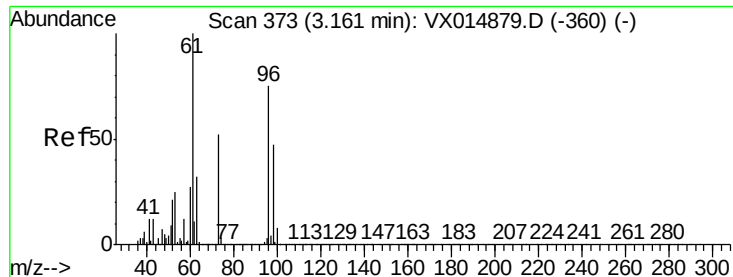
Tot Ion: 73 Resp: 255394
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.4



#20
Methylene Chloride
Concen: 18.381 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion: 84 Resp: 87530
Ion Ratio Lower Upper
84 100
49 119.7 95.6 143.4
51 36.4 29.0 43.6
86 62.5 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.383 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

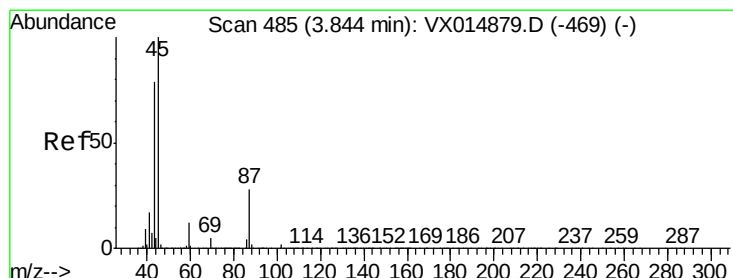
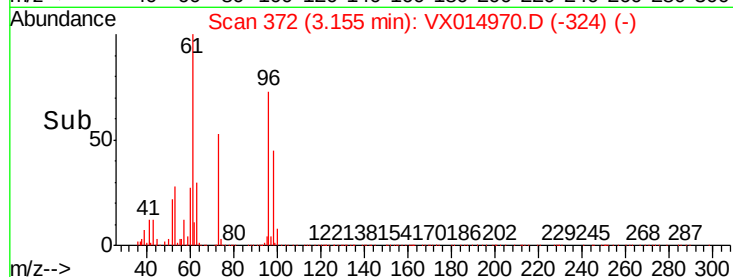
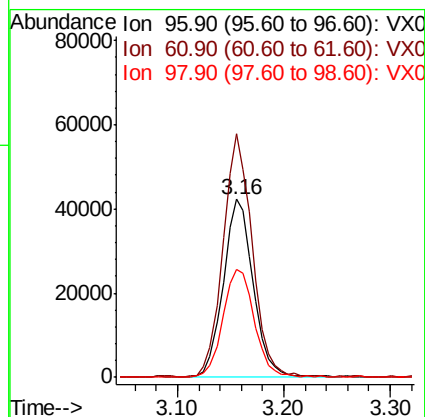
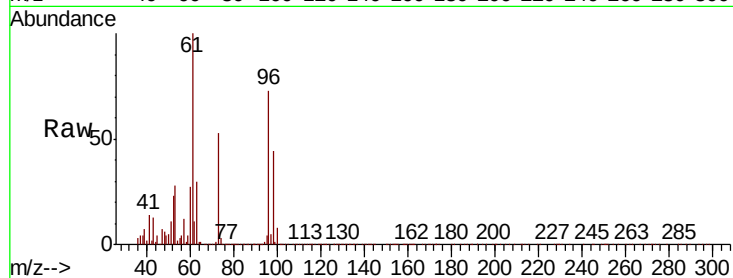
Tot Ion: 96 Resp: 81548

Ion Ratio Lower Upper

96 100

61 136.5 106.9 160.3

98 60.9 50.7 76.1



#22

Diisopropyl ether

Concen: 20.092 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Tgt Ion: 45 Resp: 273531

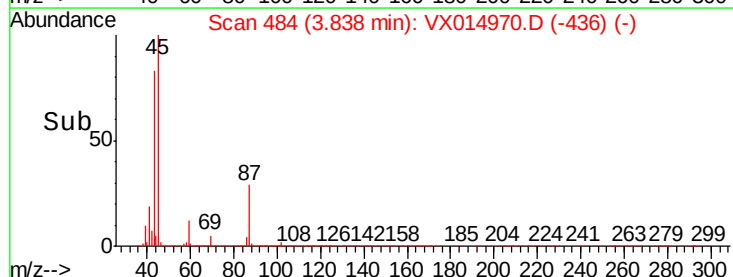
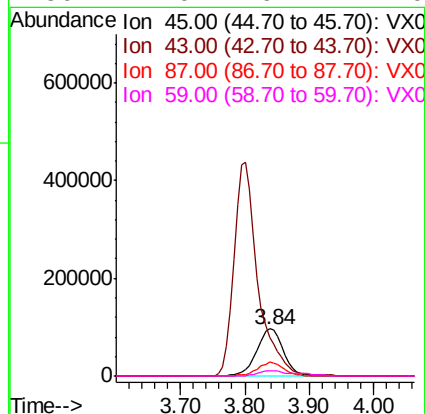
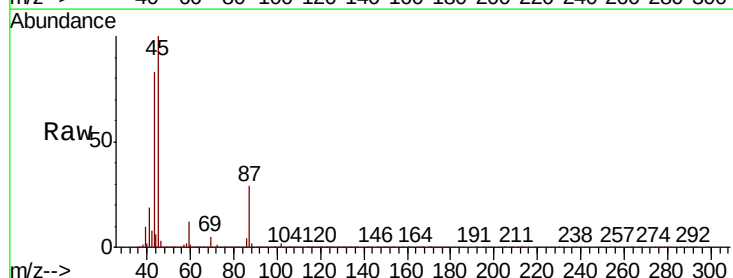
Ion Ratio Lower Upper

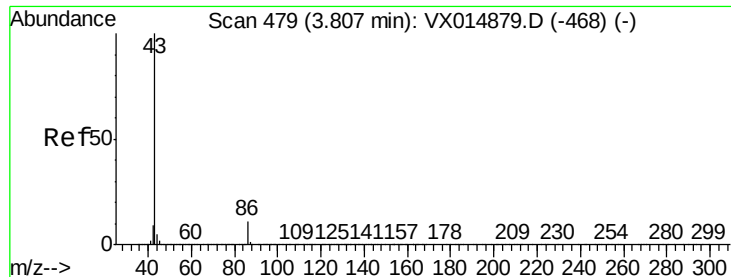
45 100

43 82.5 63.5 95.3

87 28.6 22.2 33.4

59 12.0 9.4 14.0





#23

Vinyl Acetate

Concen: 101.312 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

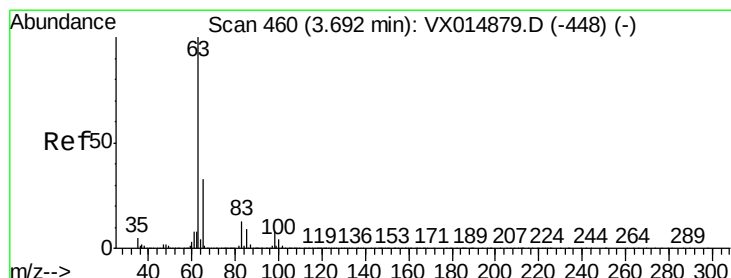
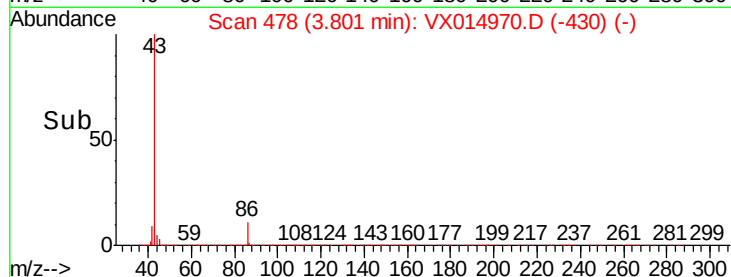
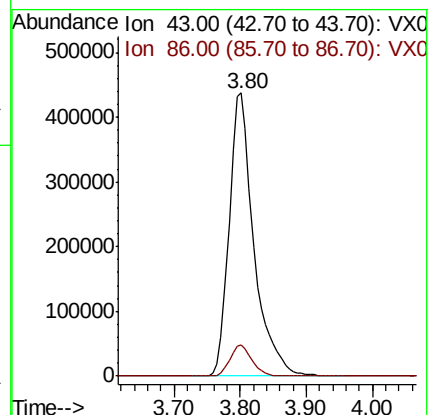
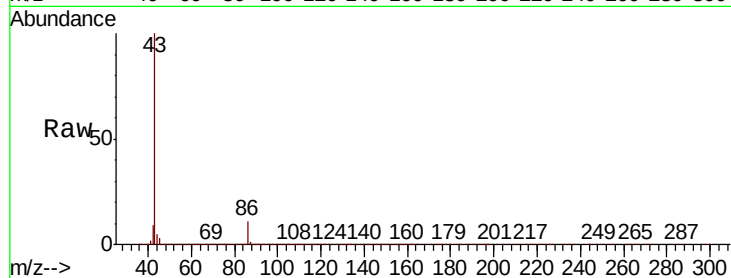
ClientSampleId :

Tot Ion: 43 Resp: 1136984

Ion Ratio Lower Upper

43 100

86 10.9 8.9 13.3



#24

1,1-Dichloroethane

Concen: 19.280 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

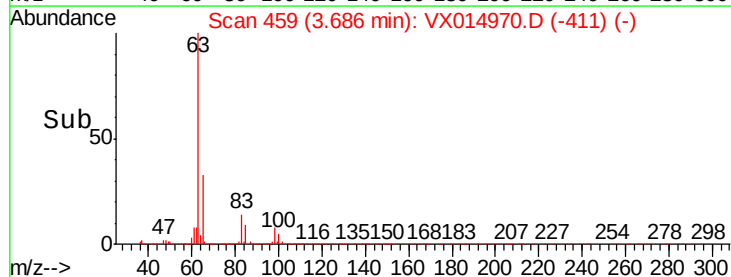
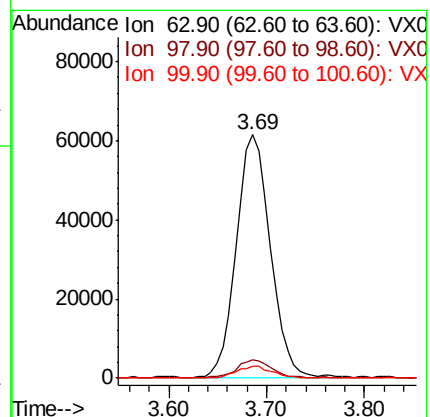
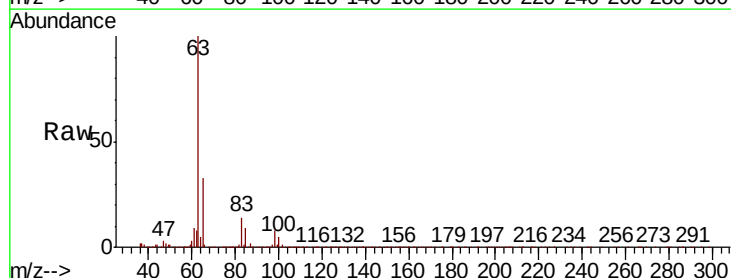
Tgt Ion: 63 Resp: 148134

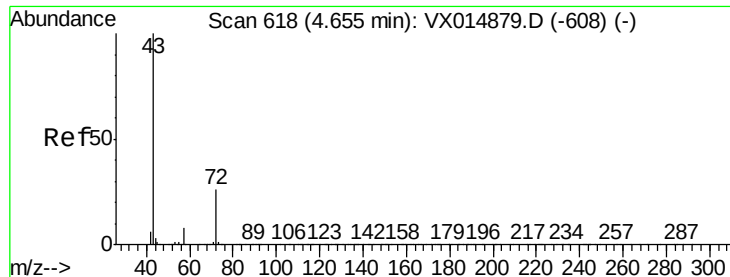
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 95.054 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

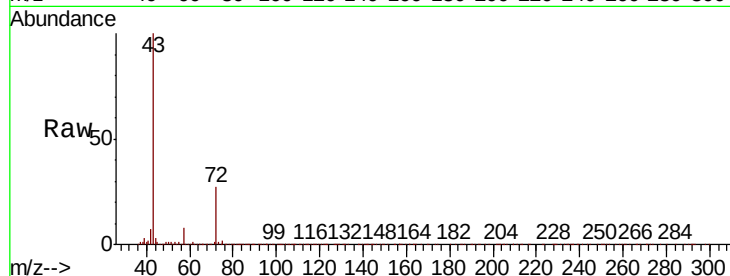
ClientSampleId :

Tot Ion: 43 Resp: 320336

Ion Ratio Lower Upper

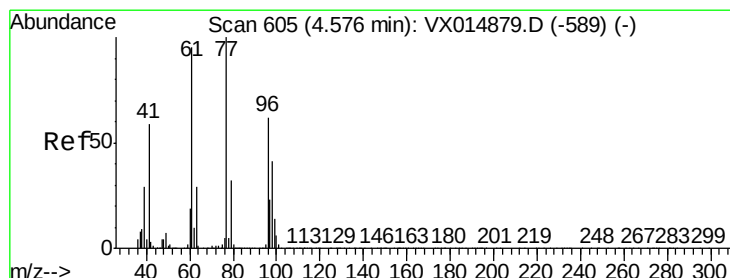
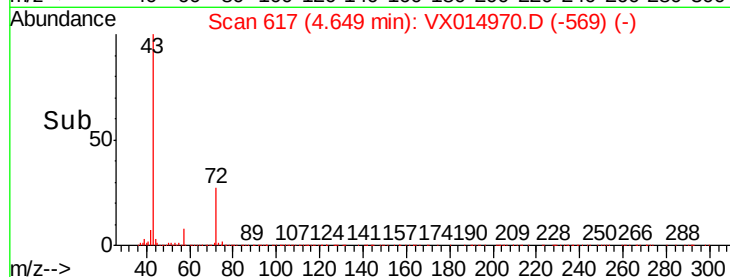
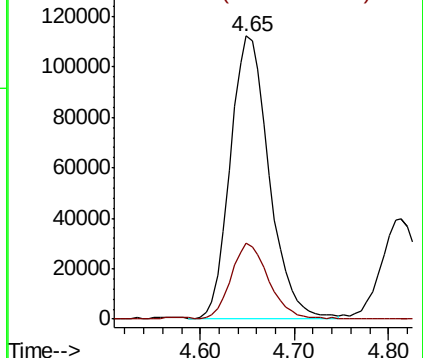
43 100

72 26.5 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.403 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014970.D

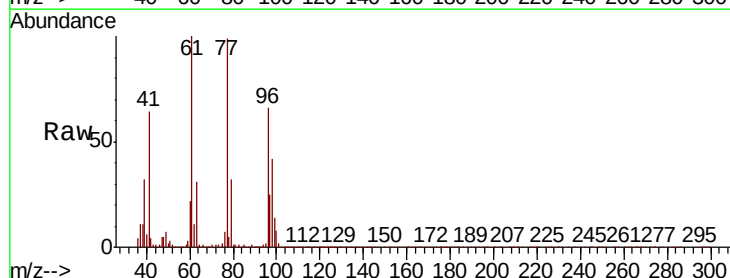
Acq: 20 Feb 2020 11:11

Tgt Ion: 77 Resp: 121855

Ion Ratio Lower Upper

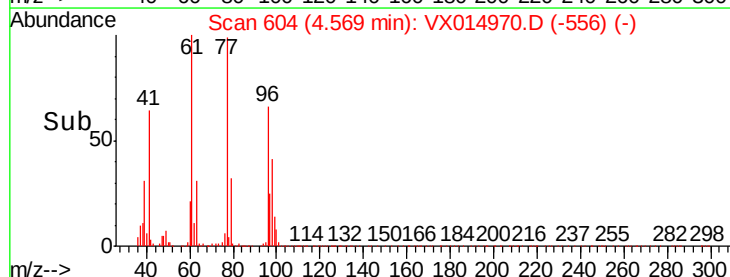
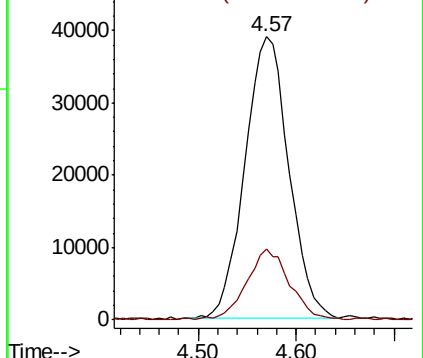
77 100

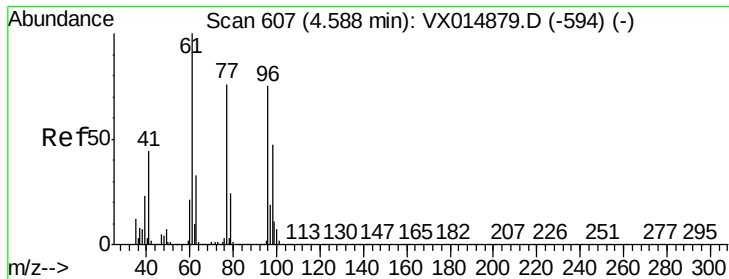
97 24.5 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



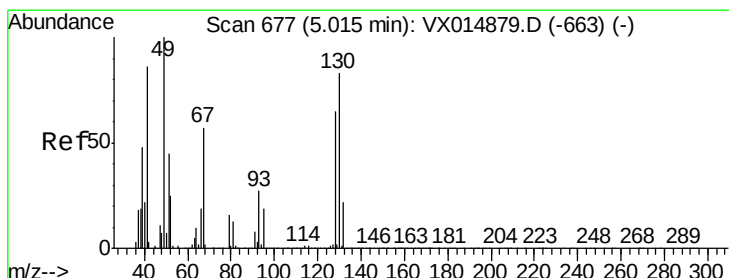
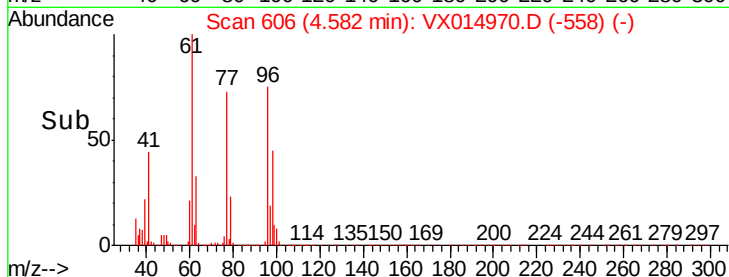
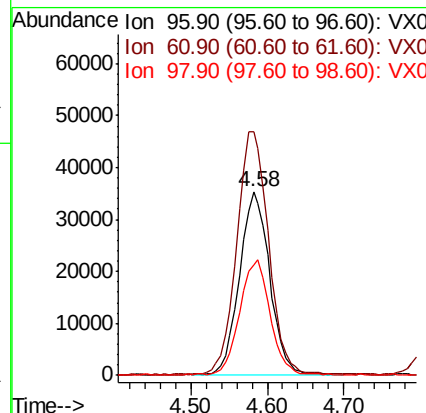
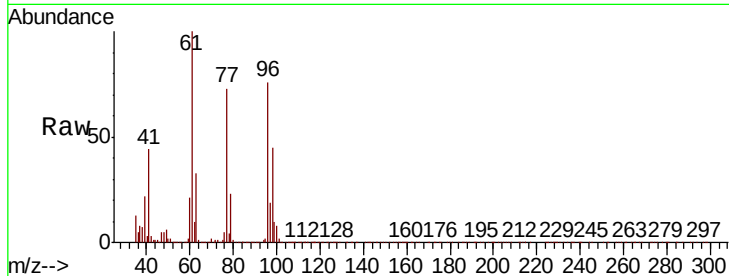


#27

cis-1,2-Dichloroethene
Concen: 19.552 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :

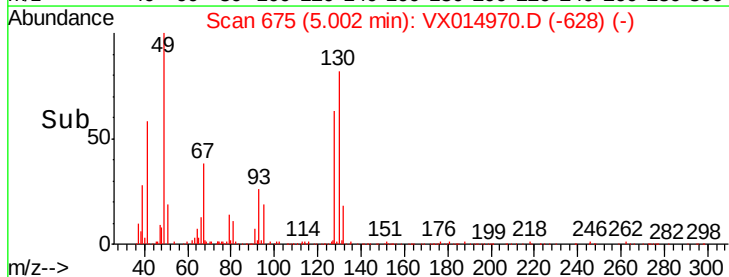
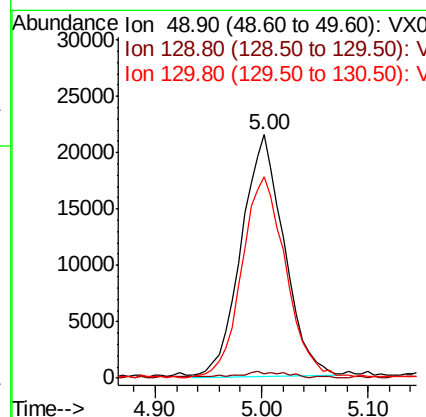
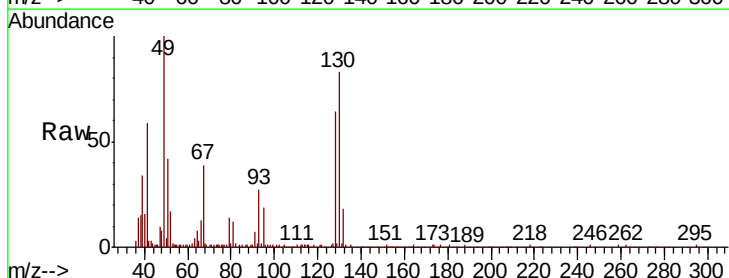
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.5	0.0	286.2
98	63.0	0.0	131.0

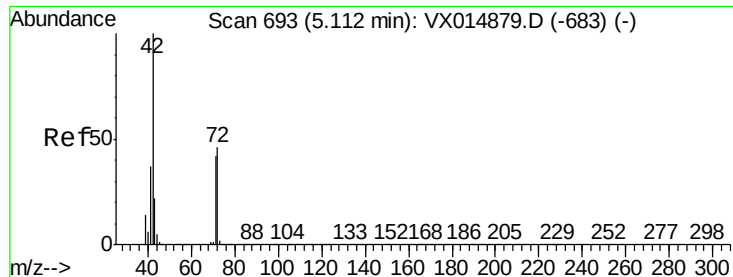


#28

Bromochloromethane
Concen: 20.385 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.2
130	84.8	67.4	101.2

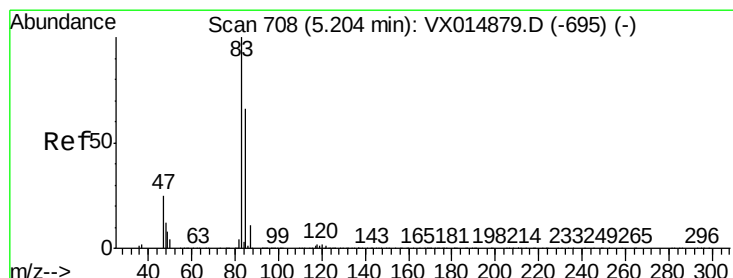
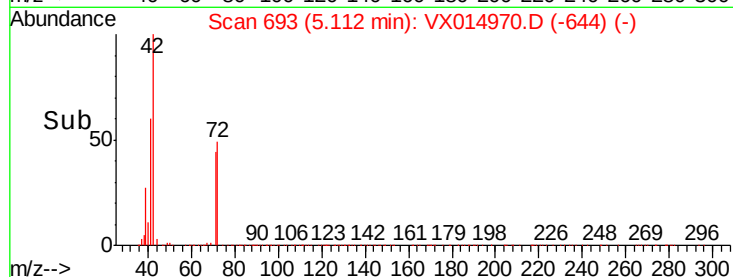
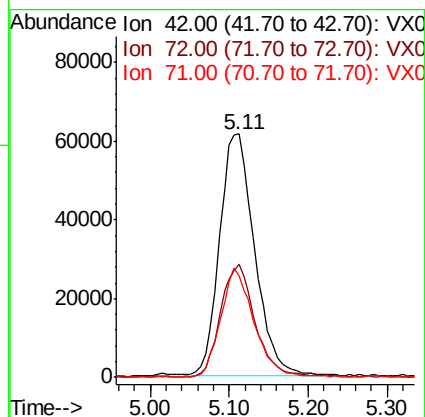
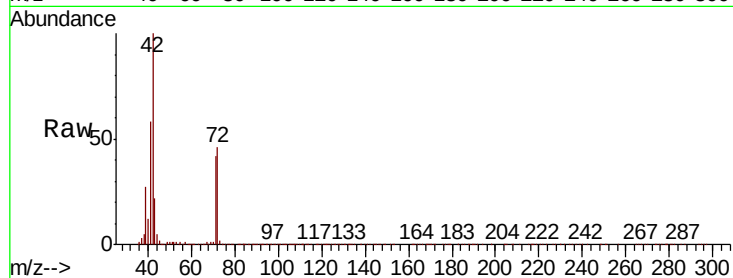




#29
Tetrahydrofuran
Concen: 99.059 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

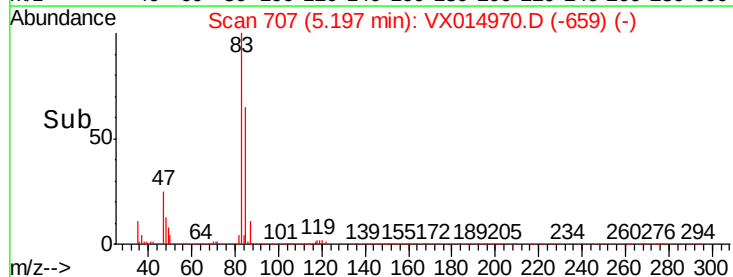
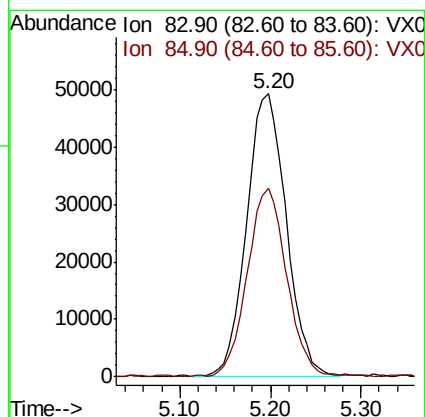
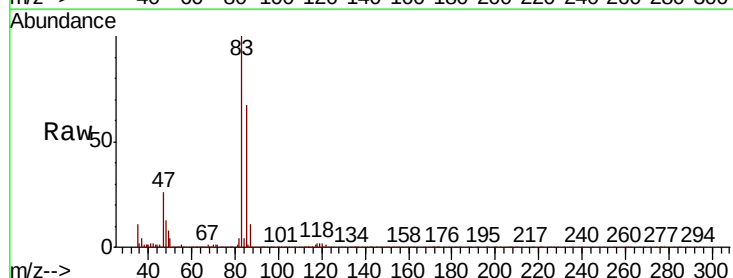
Instrument :
MSVOA_X
ClientSampleId :

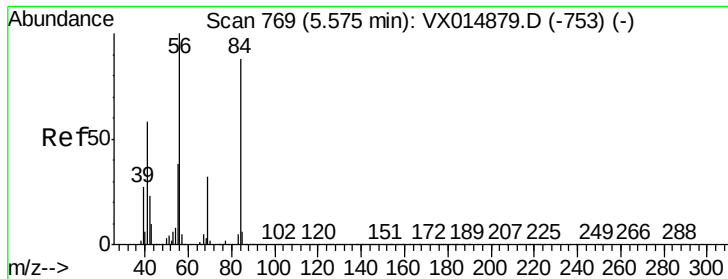
Tot Ion: 42 Resp: 189774
Ion Ratio Lower Upper
42 100
72 45.6 36.9 55.3
71 42.5 34.1 51.1



#30
Chloroform
Concen: 19.454 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion: 83 Resp: 148297
Ion Ratio Lower Upper
83 100
85 66.8 52.9 79.3

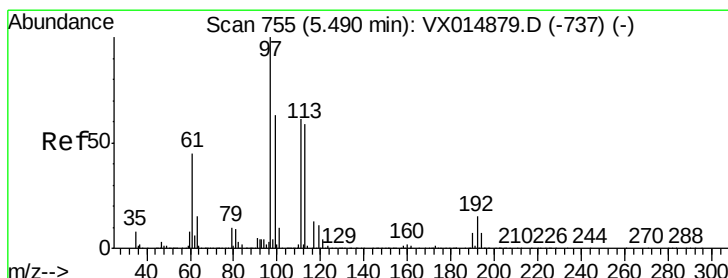
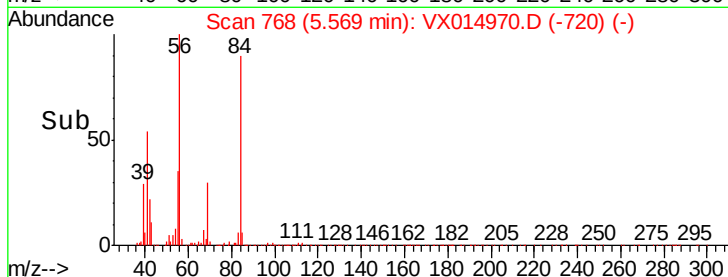
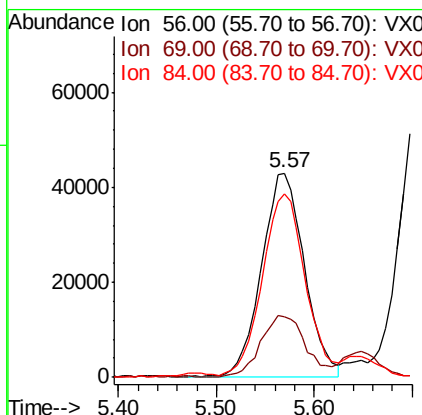
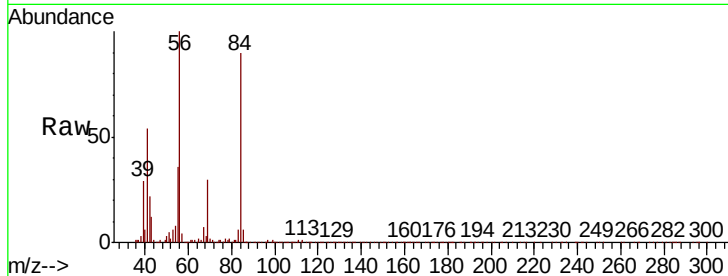




#31
Cyclohexane
Concen: 18.834 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

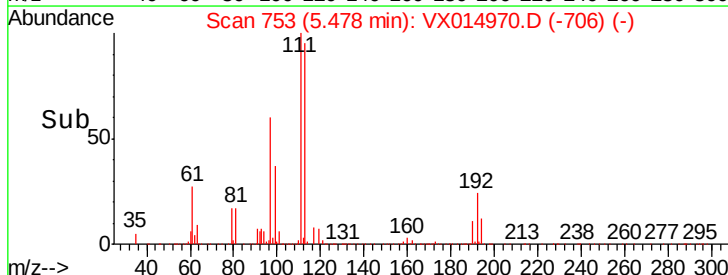
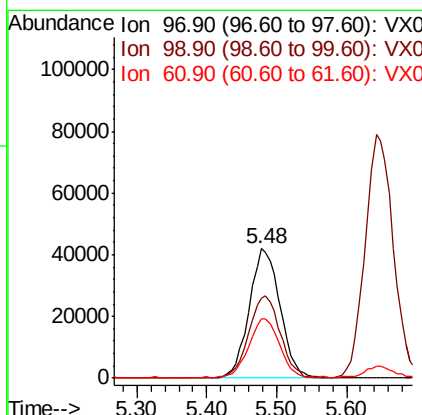
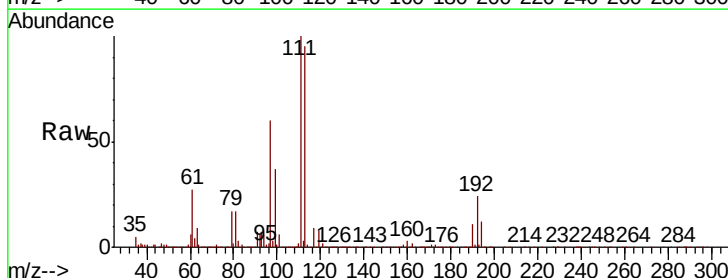
Instrument :
MSVOA_X
ClientSampleId :

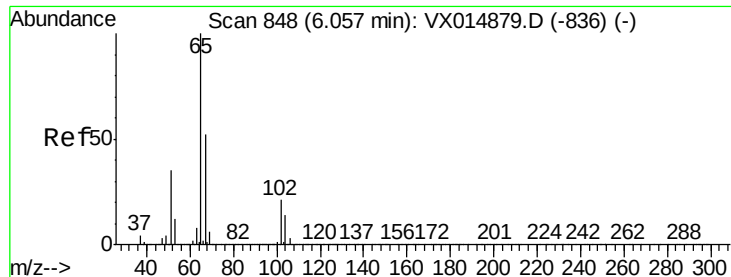
Tot Ion: 56 Resp: 131801
Ion Ratio Lower Upper
56 100
69 28.9 25.9 38.9
84 88.0 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 19.283 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion: 97 Resp: 128585
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.6
61 45.5 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 49.277 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

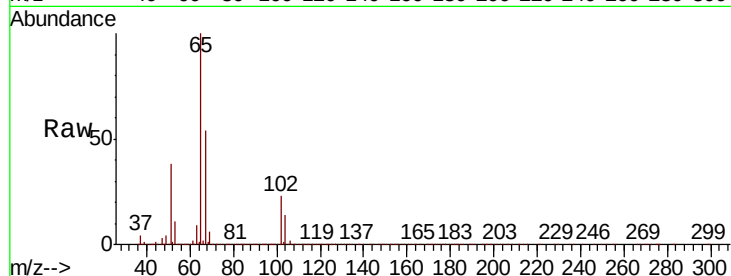
ClientSampleId :

Tot Ion: 65 Resp: 243930

Ion Ratio Lower Upper

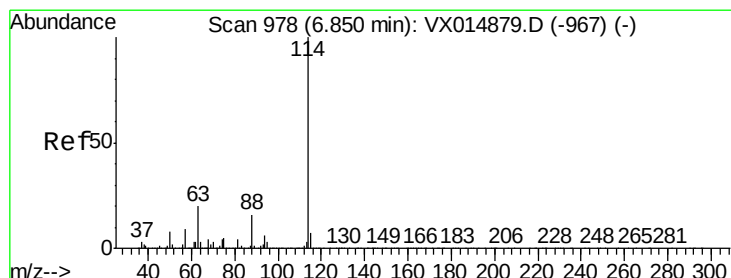
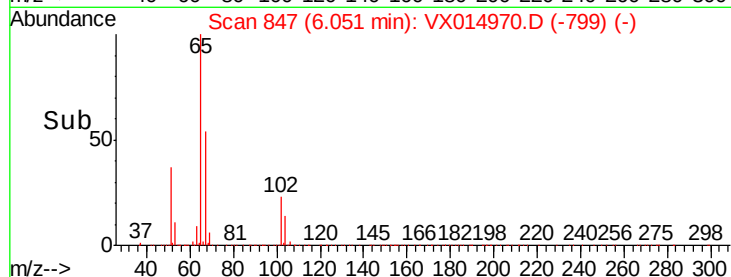
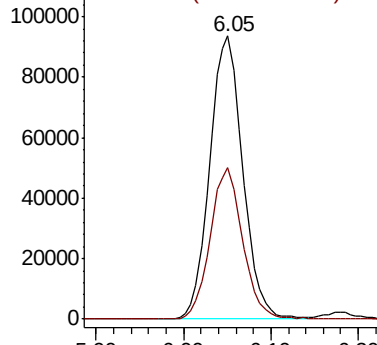
65 100

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: VX014970.D

Acq: 20 Feb 2020 11:11

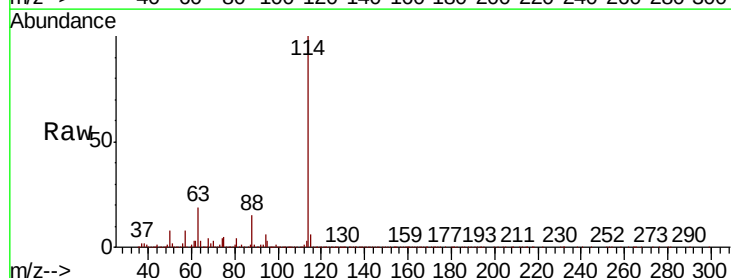
Tgt Ion: 114 Resp: 641886

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.2

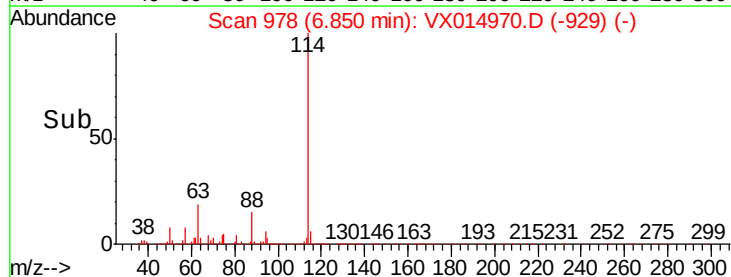
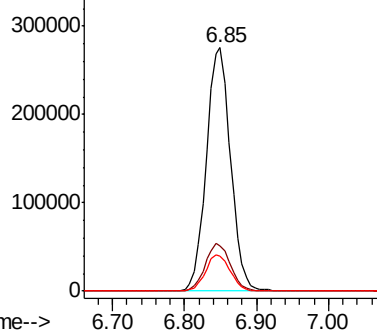
88 14.5 0.0 32.0

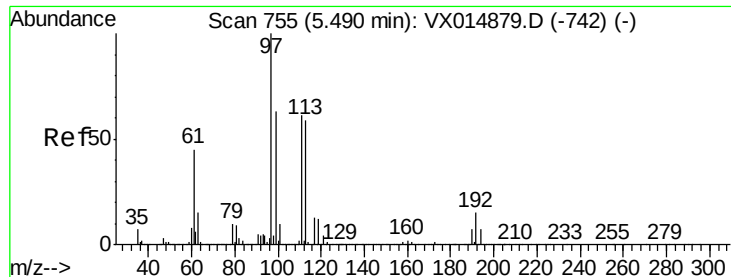


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.516 ug/l

RT: 5.48 min Scan# 754

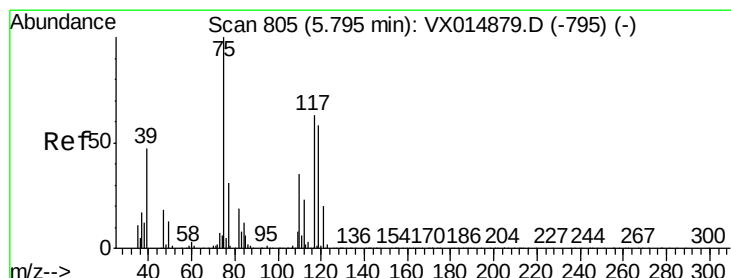
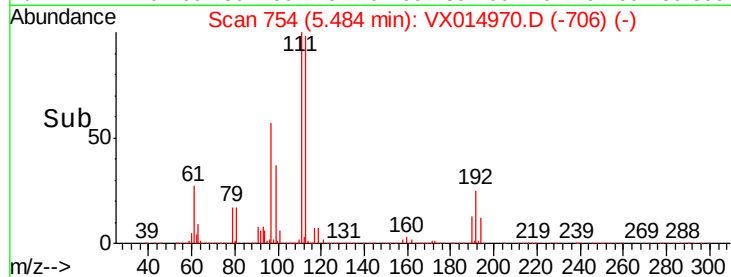
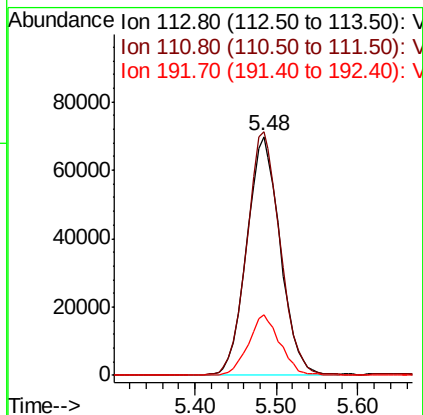
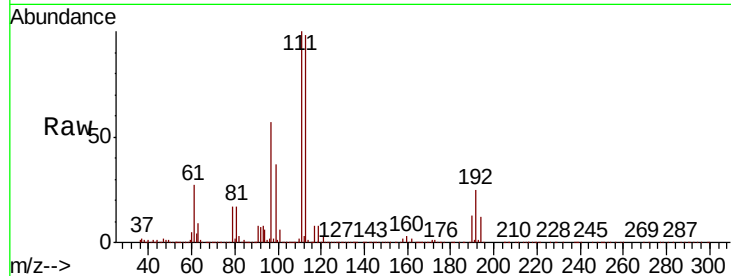
Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	199345
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	24.2	19.1	28.7



#36

1,1-Dichloropropene

Concen: 19.199 ug/l

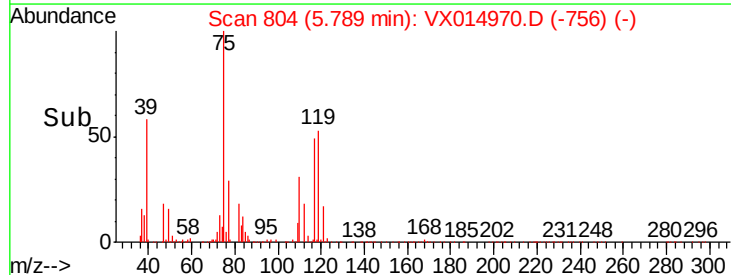
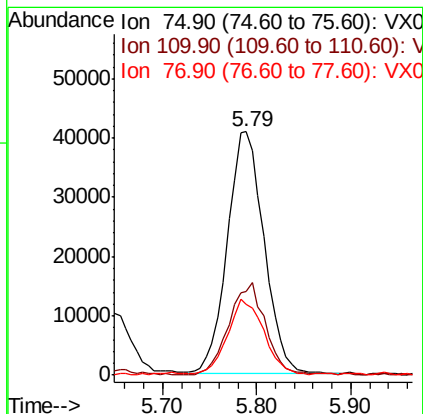
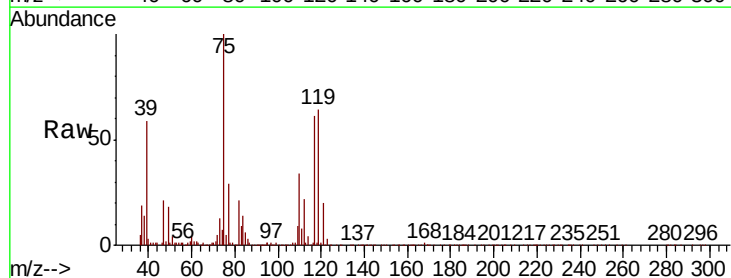
RT: 5.79 min Scan# 804

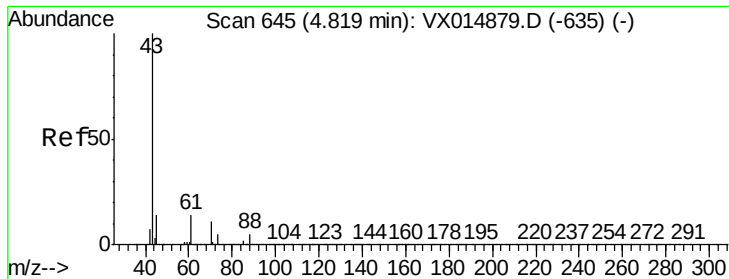
Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Tgt Ion:	75	Resp:	110237
Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.3	54.8
77	30.3	24.6	36.8

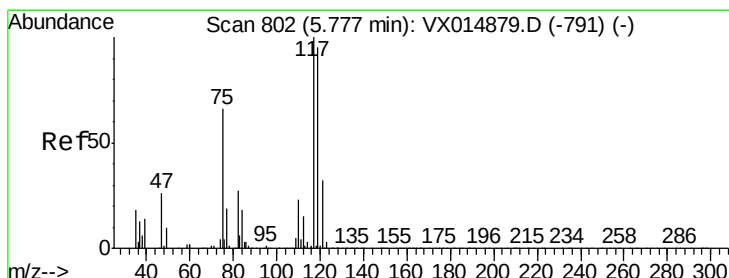
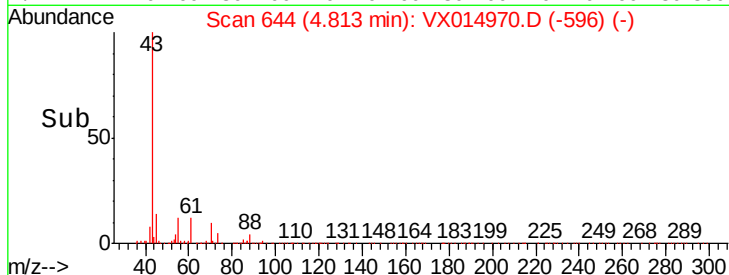
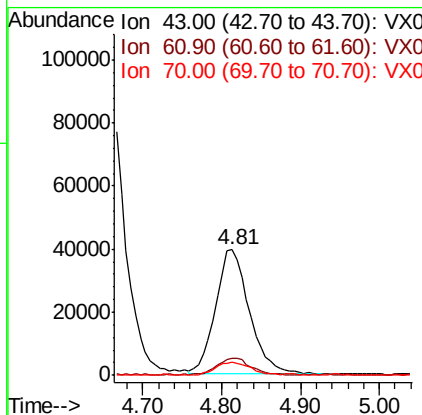
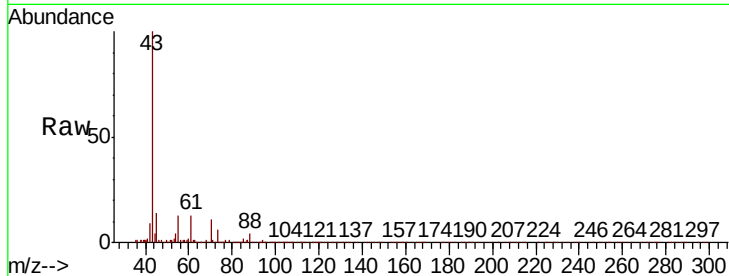




#37
Ethyl Acetate
Concen: 19.693 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

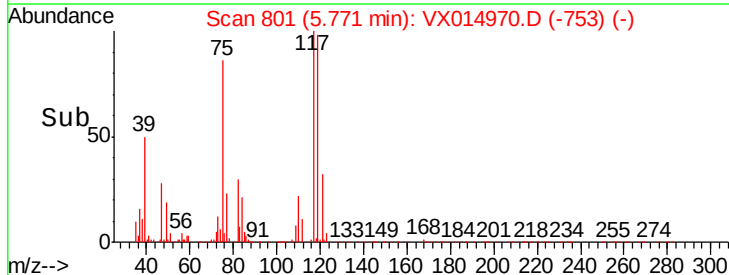
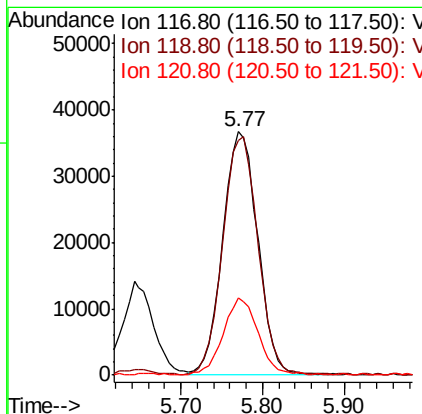
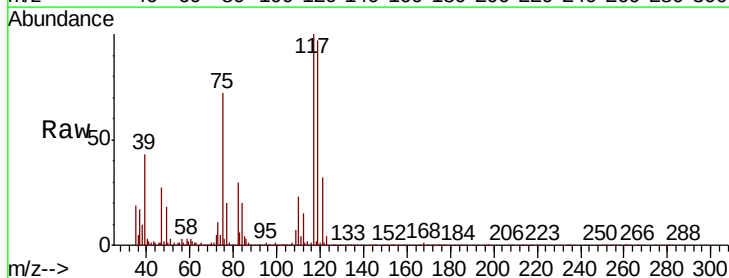
Instrument :
MSVOA_X
ClientSampled :

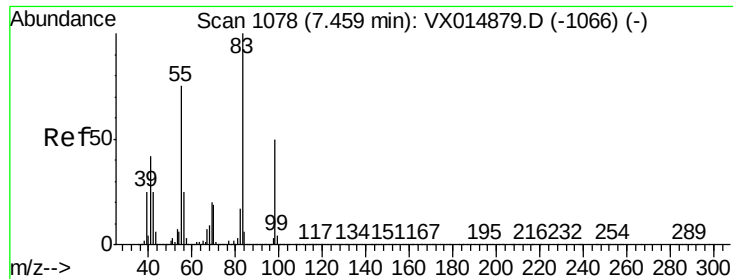
Tot Ion: 43 Resp: 117933
Ion Ratio Lower Upper
43 100
61 13.1 10.9 16.3
70 10.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.428 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion: 117 Resp: 108711
Ion Ratio Lower Upper
117 100
119 96.4 76.0 114.0
121 31.5 25.4 38.2

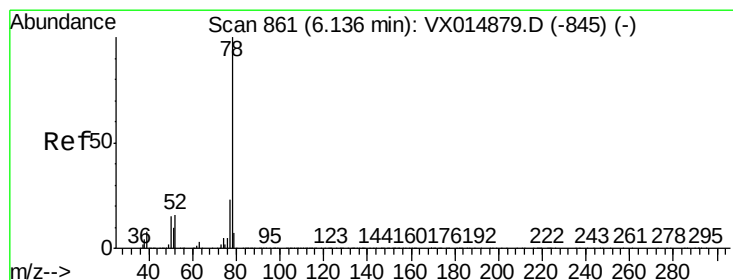
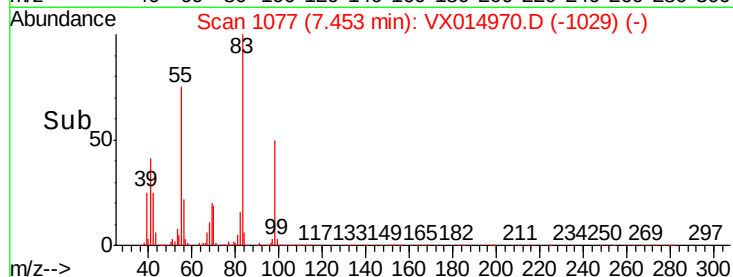
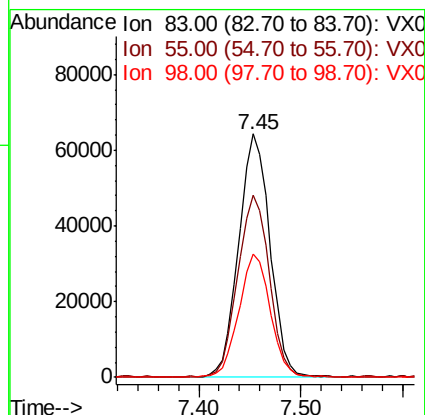
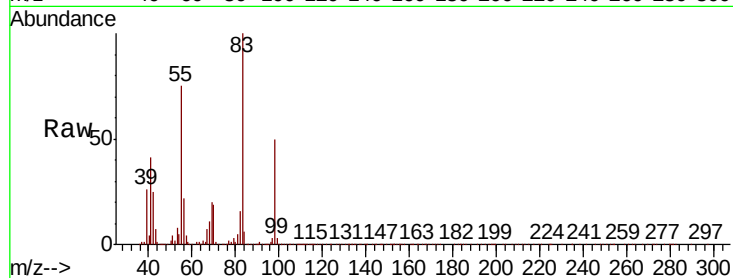




#39
Methylvlcyclohexane
Concen: 18.931 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

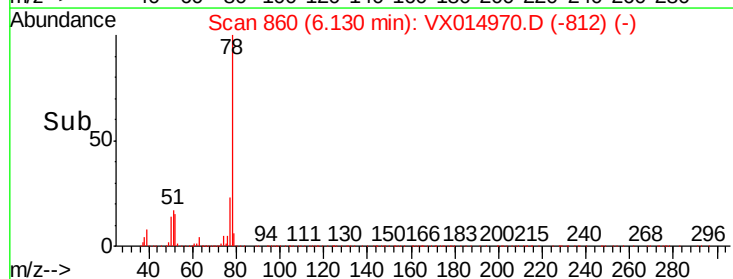
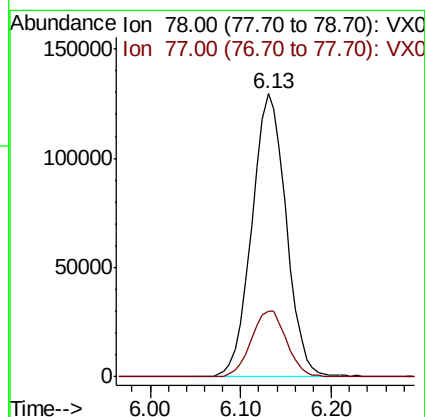
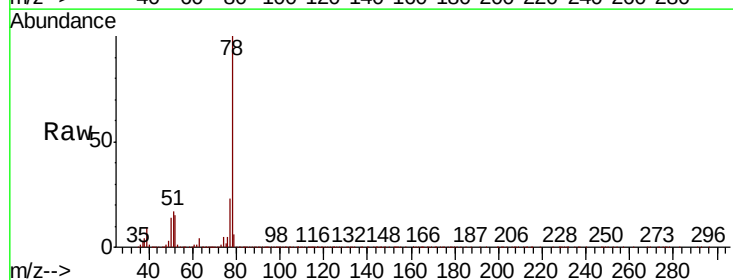
Instrument :
MSVOA_X
ClientSampleId :

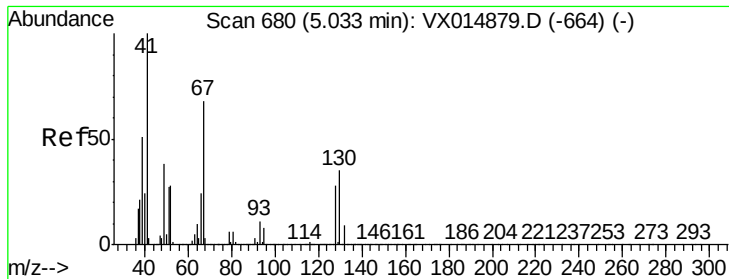
Tot Ion	83.00	Resp	135943
Ion	Ratio	Lower	Upper
83	100		
55	74.8	60.0	90.0
98	50.5	39.6	59.4



#40
Benzene
Concen: 19.668 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	78.00	Resp	337410
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2





#41

Methacrylonitrile

Concen: 19.961 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 64397

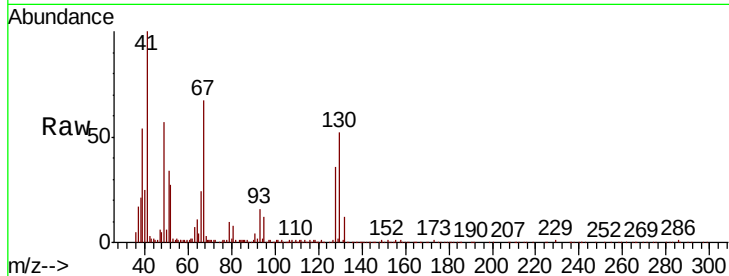
Ion Ratio Lower Upper

41 100

39 58.5 44.7 67.1

67 72.4 56.6 84.8

52 28.3 22.3 33.5



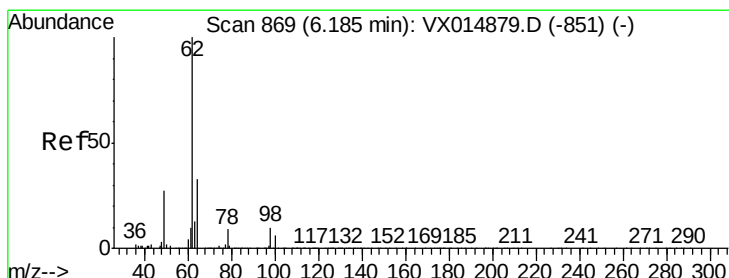
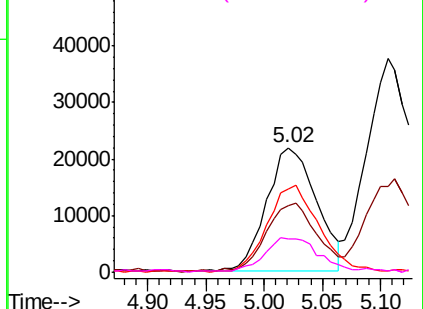
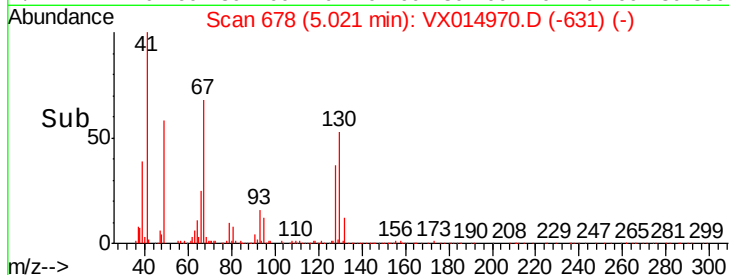
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.020 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014970.D

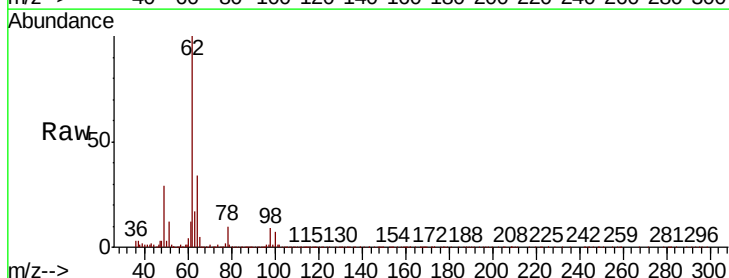
Acq: 20 Feb 2020 11:11

Tgt Ion: 62 Resp: 124133

Ion Ratio Lower Upper

62 100

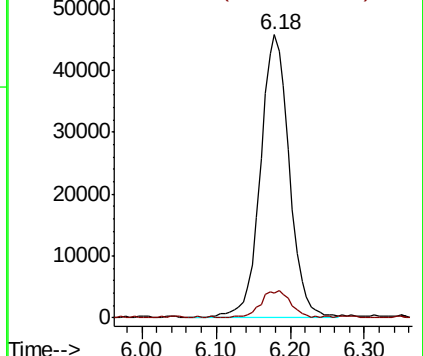
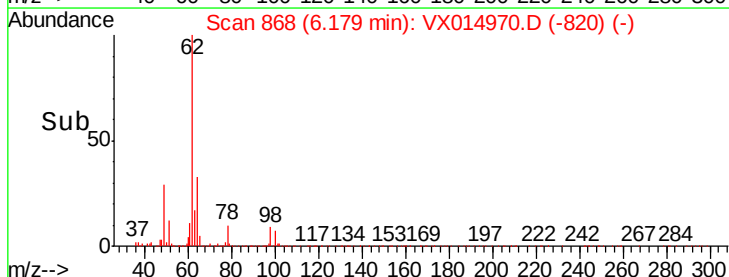
98 9.6 0.0 19.2

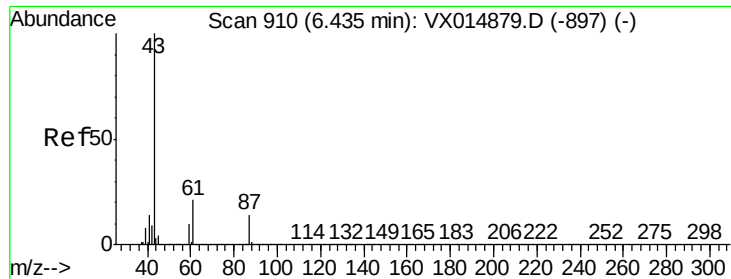


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.384 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

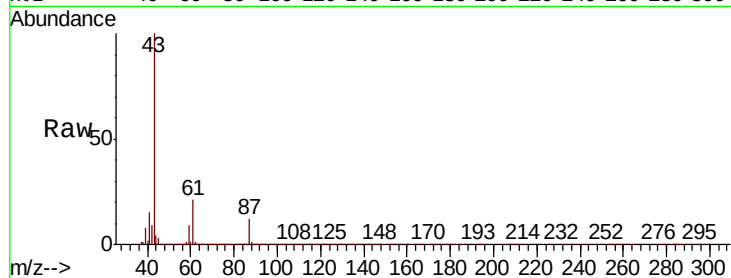
Tot Ion: 43 Resp: 191496

Ion Ratio Lower Upper

43 100

61 19.8 16.2 24.4

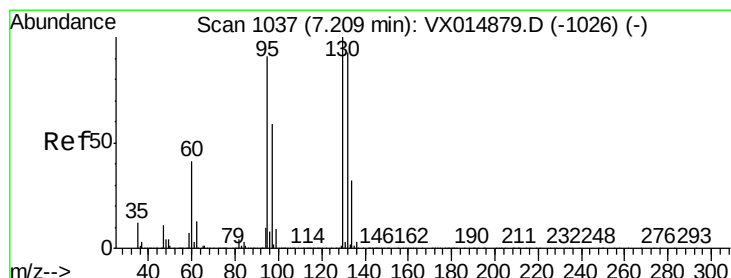
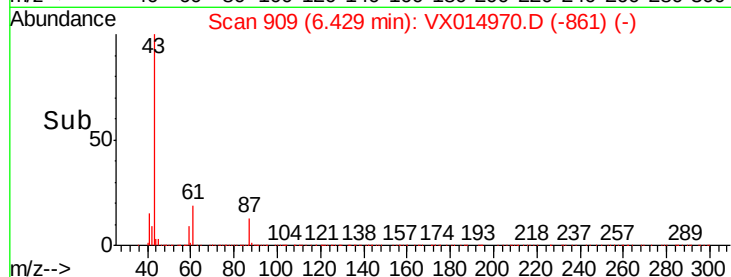
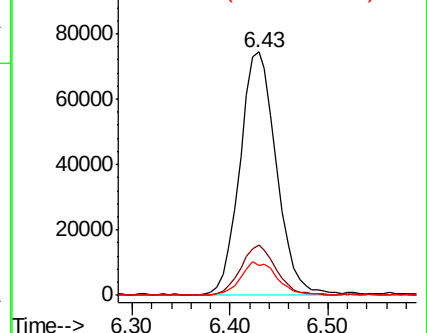
87 13.7 11.0 16.6



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: 19.006 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014970.D

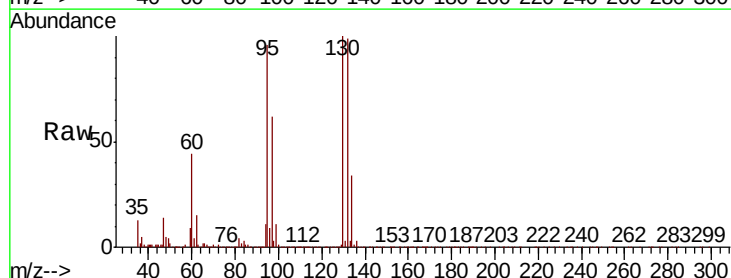
Acq: 20 Feb 2020 11:11

Tgt Ion: 130 Resp: 94655

Ion Ratio Lower Upper

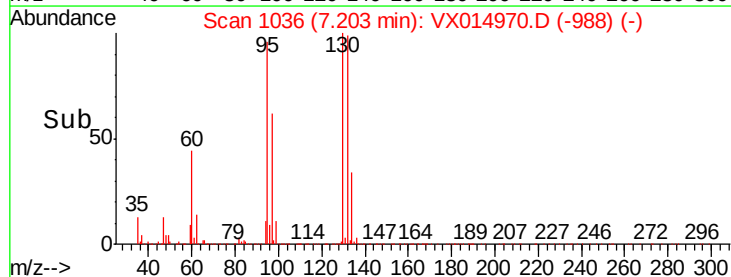
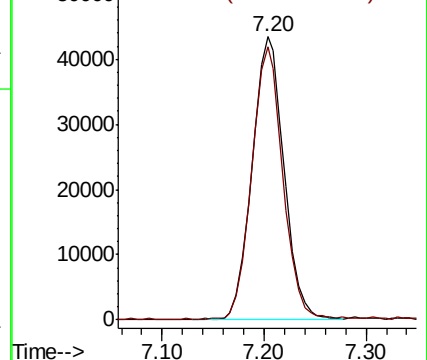
130 100

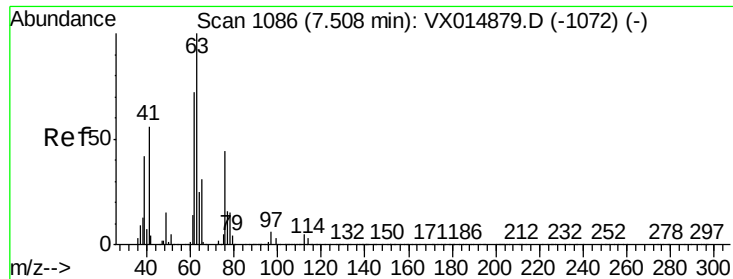
95 96.1 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

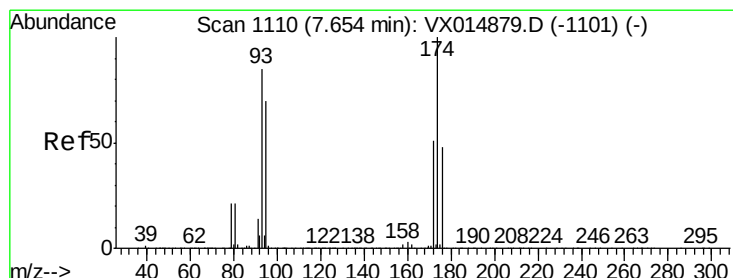
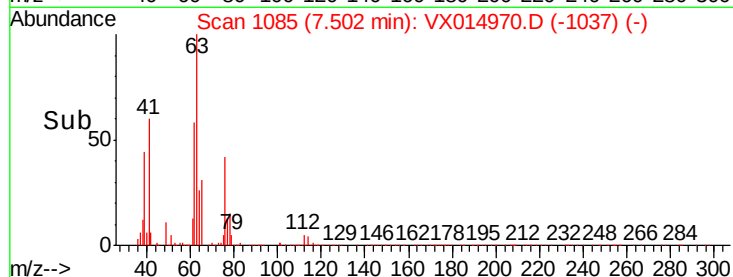
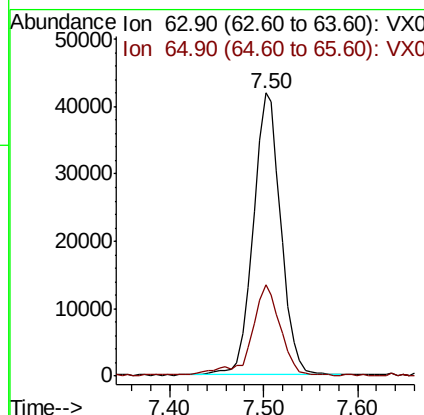
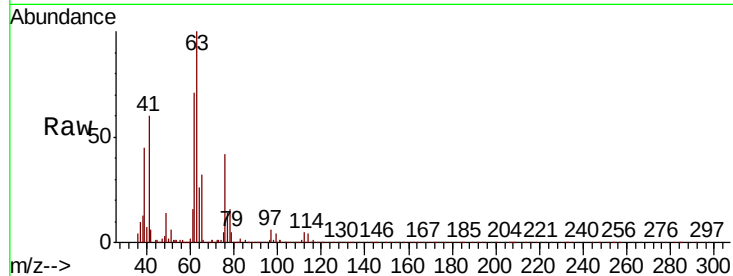




#45
 1,2-Dichloropropane
 Concen: 19.602 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

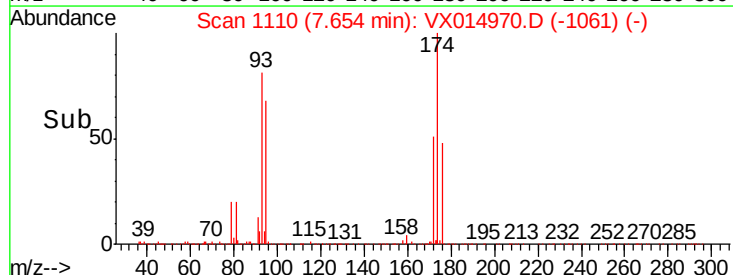
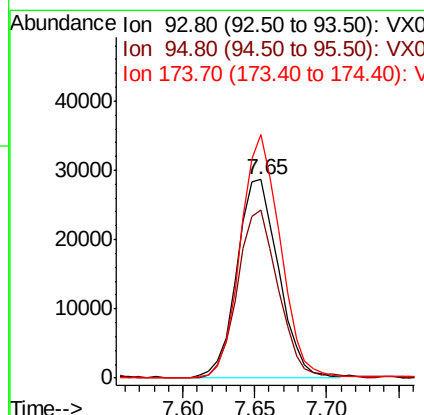
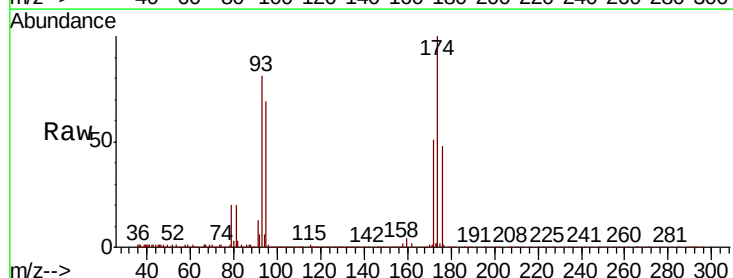
Instrument :
 MSVOA_X
 ClientSampleId :

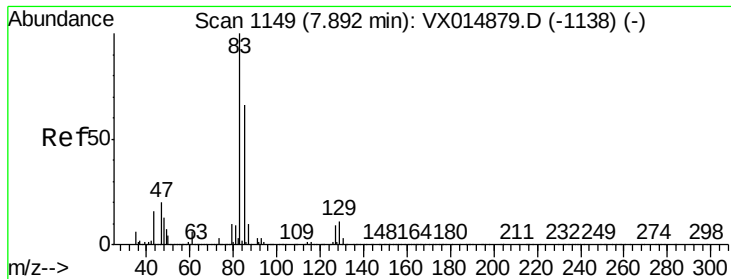
Tot Ion: 63 Resp: 85764
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.9 37.3



#46
 Dibromomethane
 Concen: 19.320 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Tgt Ion: 93 Resp: 57782
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.8 98.8
 174 117.6 95.4 143.2

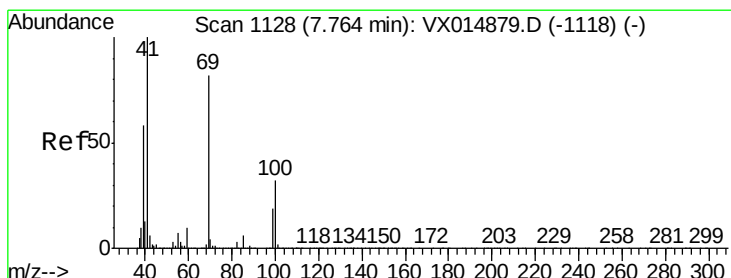
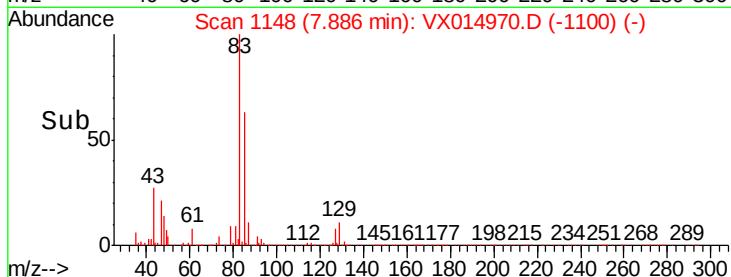
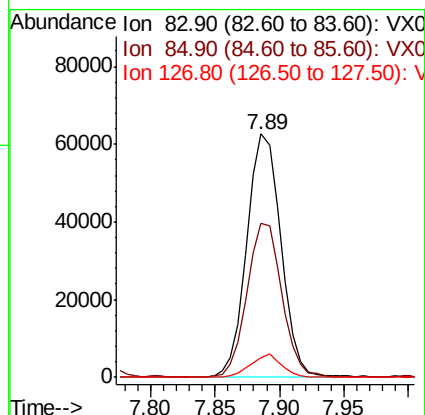
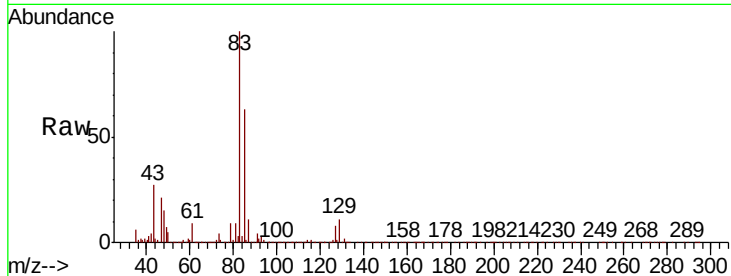




#47
Bromodichloromethane
Concen: 19.246 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

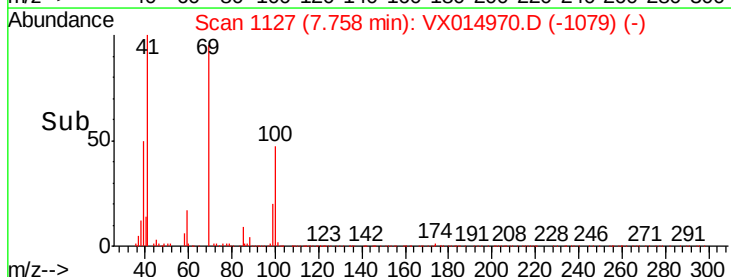
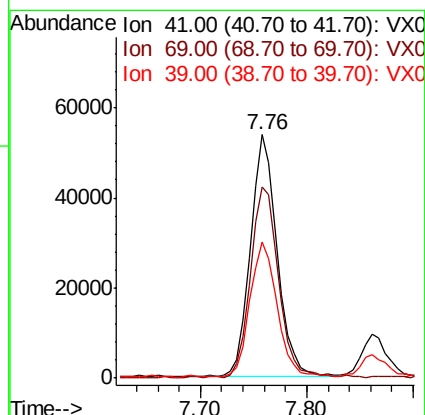
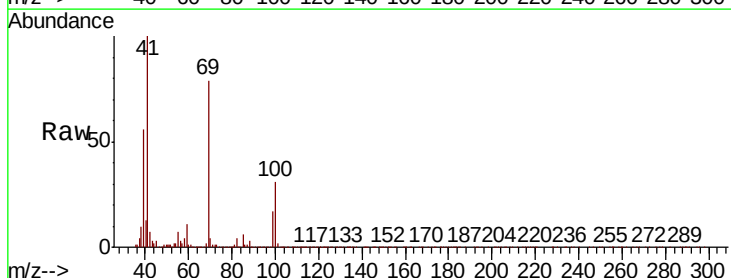
Instrument :
MSVOA_X
ClientSampleId :

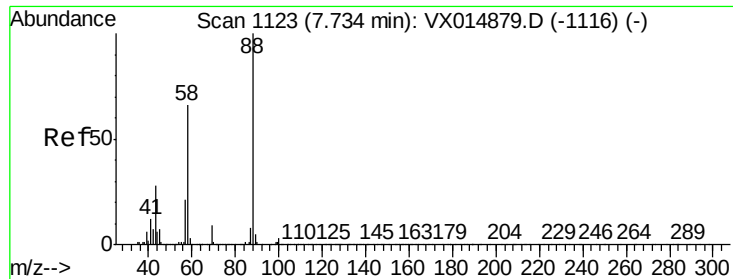
Tot Ion	83	Resp	114127
Ion Ratio	Lower	Upper	
83	100		
85	63.2	52.5	78.7
127	8.0	7.4	11.0



#48
Methyl methacrylate
Concen: 19.557 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	41	Resp	95084
Ion Ratio	Lower	Upper	
41	100		
69	82.2	65.7	98.5
39	56.4	45.8	68.8

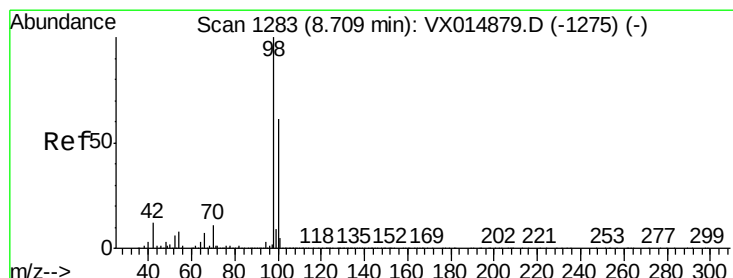
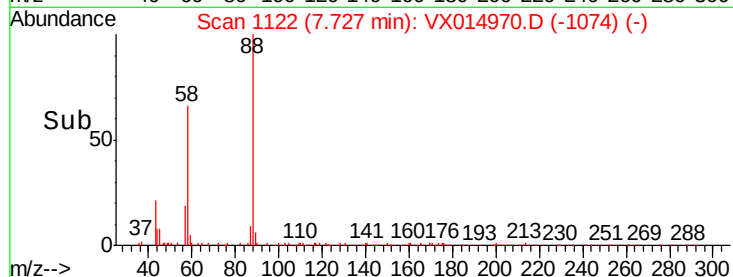
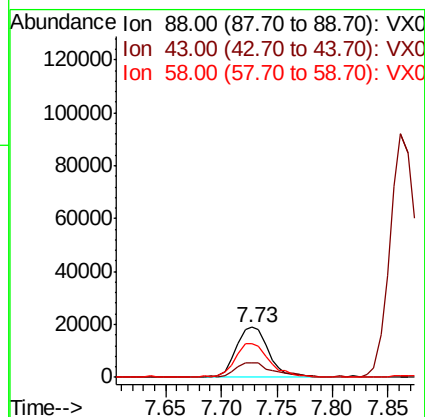
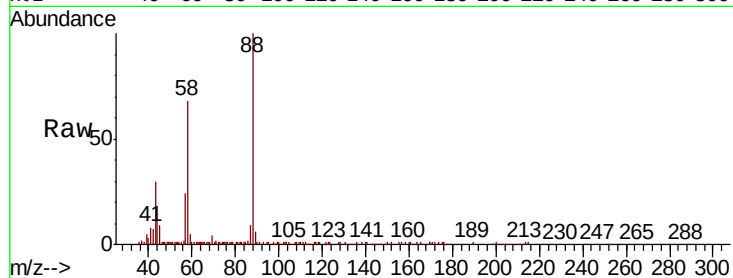




#49
1,4-Dioxane
Concen: 417.630 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

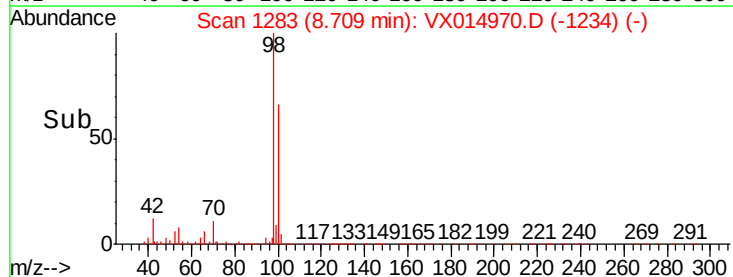
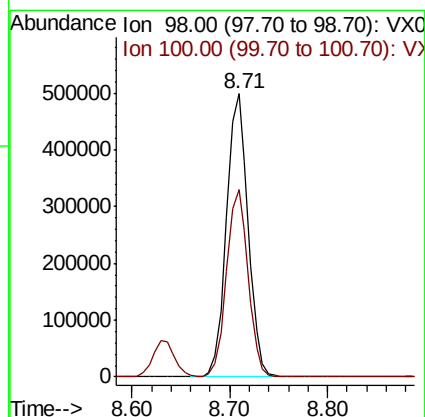
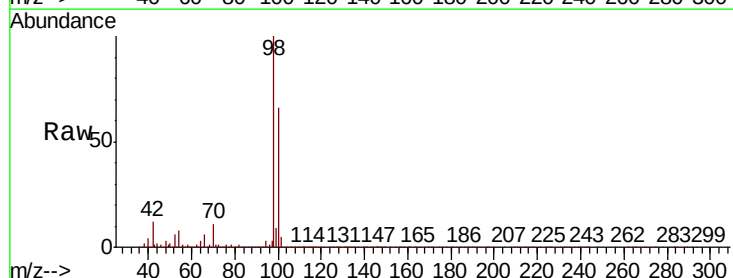
Instrument :
MSVOA_X
ClientSampleId :

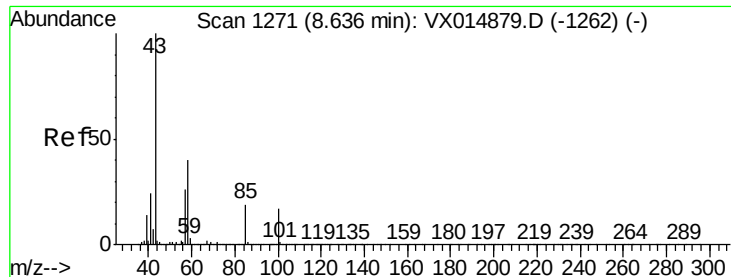
Tot Ion: 88 Resp: 37963
Ion Ratio Lower Upper
88 100
43 33.6 27.0 40.4
58 69.7 53.2 79.8



#50
Toluene-d8
Concen: 50.522 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion: 98 Resp: 761011
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 101.313 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

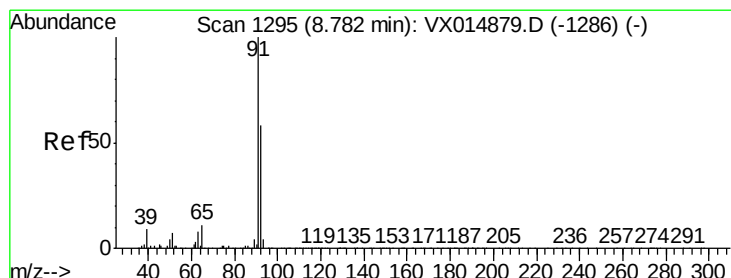
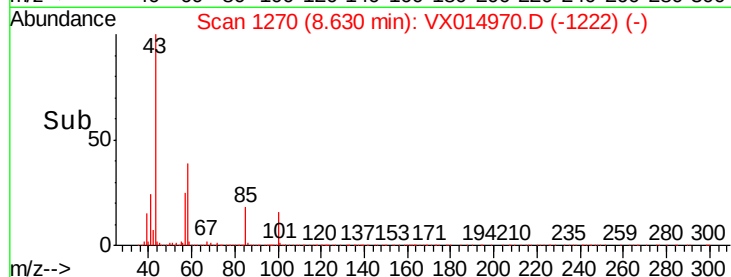
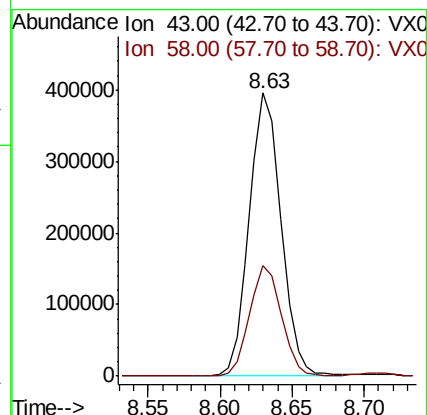
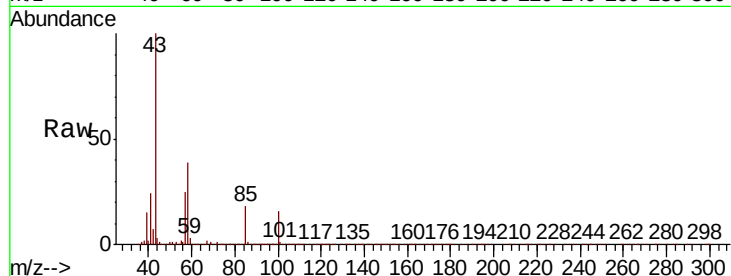
ClientSampleId :

Tot Ion: 43 Resp: 604352

Ion Ratio Lower Upper

43 100

58 39.2 31.9 47.9



#52

Toluene

Concen: 19.527 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014970.D

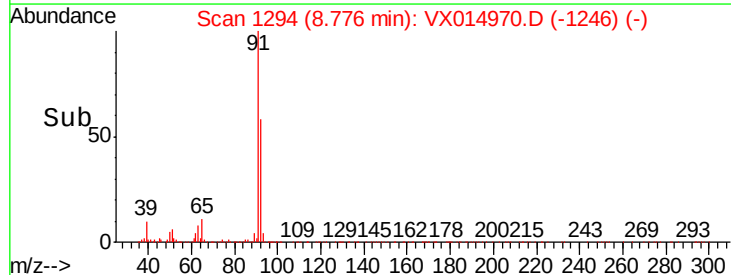
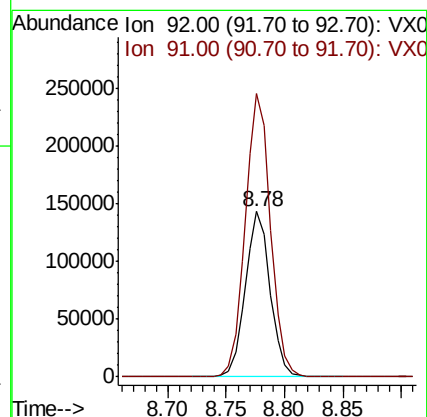
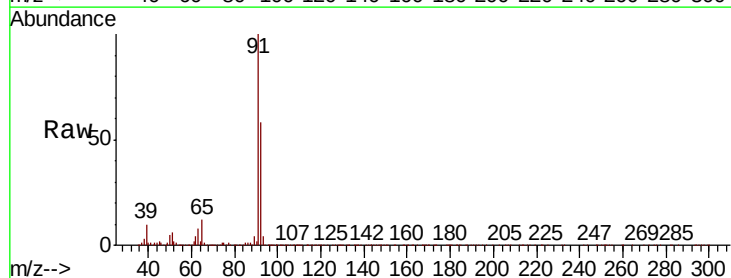
Acq: 20 Feb 2020 11:11

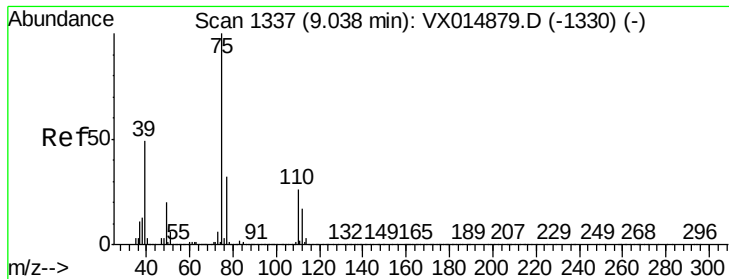
Tgt Ion: 92 Resp: 212775

Ion Ratio Lower Upper

92 100

91 174.6 137.0 205.4

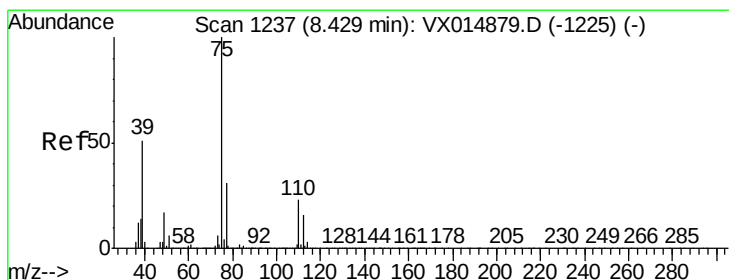
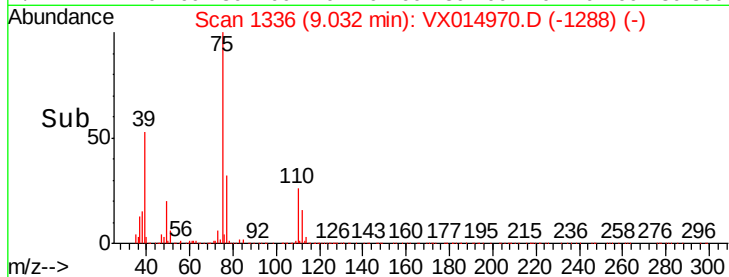
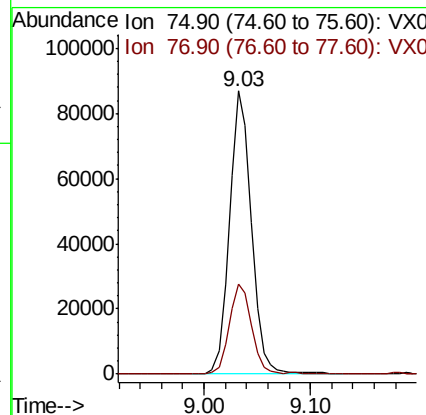
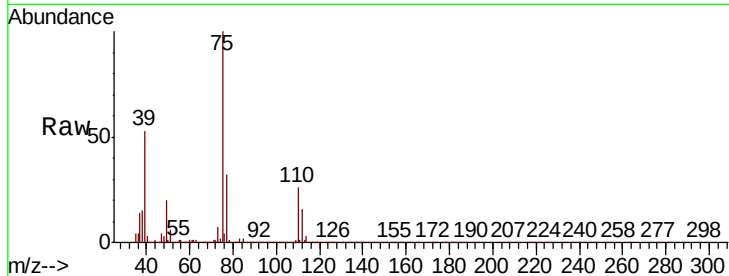




#53
t-1,3-Dichloropropene
Concen: 19.111 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

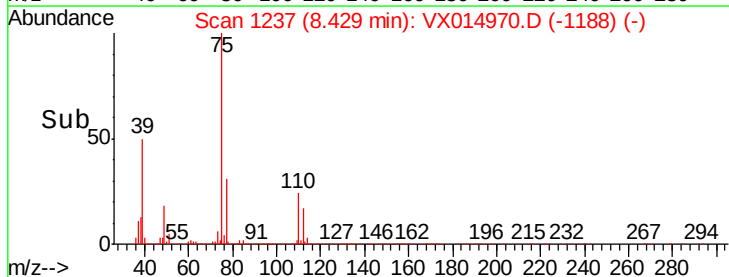
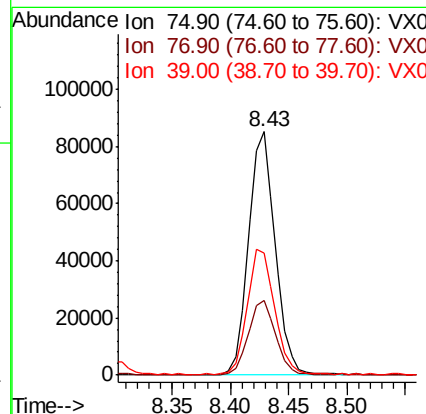
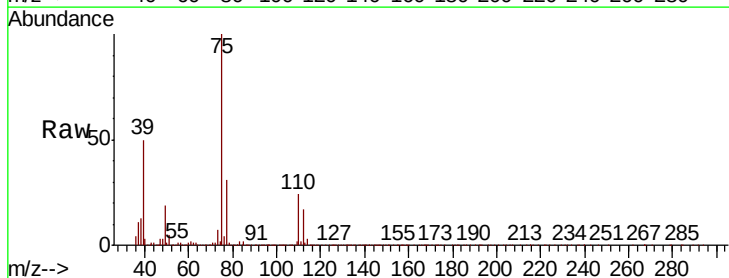
Instrument :
MSVOA_X
ClientSampleId :

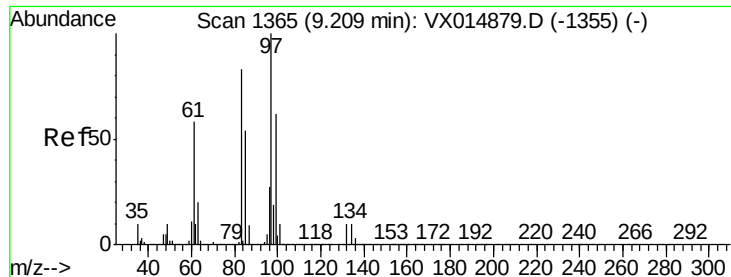
Tot Ion: 75 Resp: 124199
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 19.099 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion: 75 Resp: 137119
Ion Ratio Lower Upper
75 100
77 30.4 24.6 37.0
39 50.1 40.9 61.3

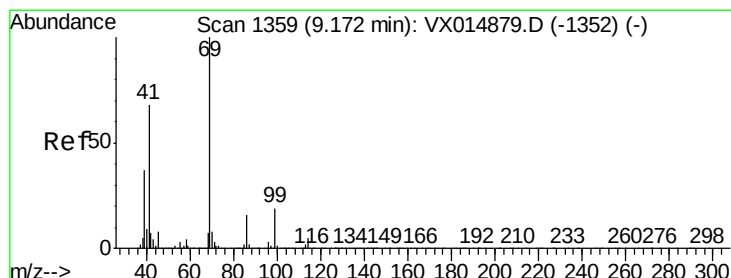
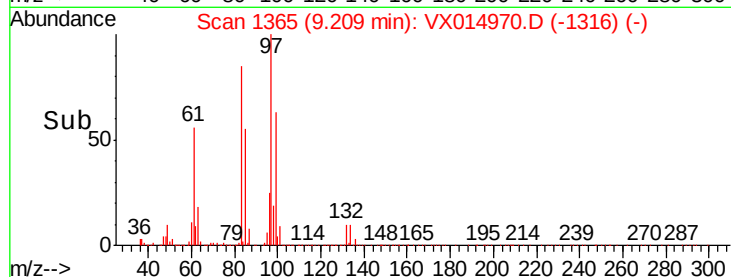
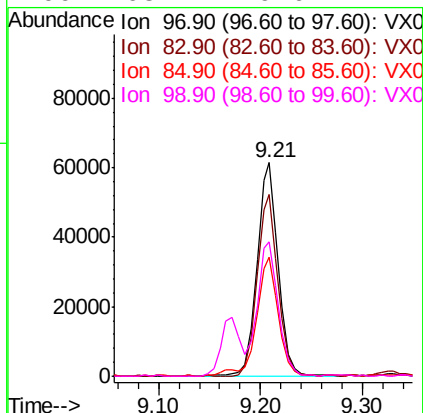
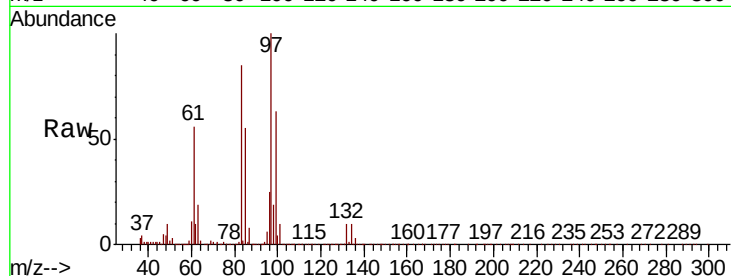




#55
 1,1,2-Trichloroethane
 Concen: 20.254 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

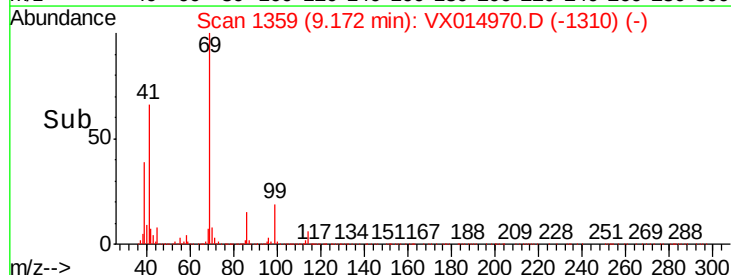
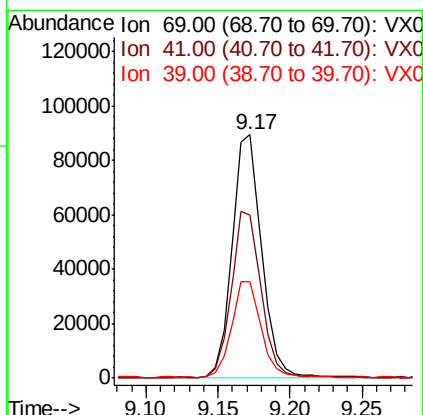
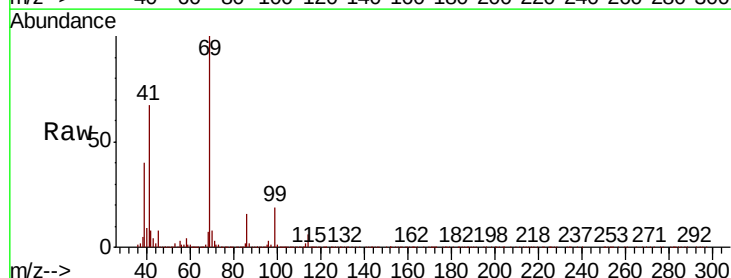
Instrument :
 MSVOA_X
 ClientSampleId :

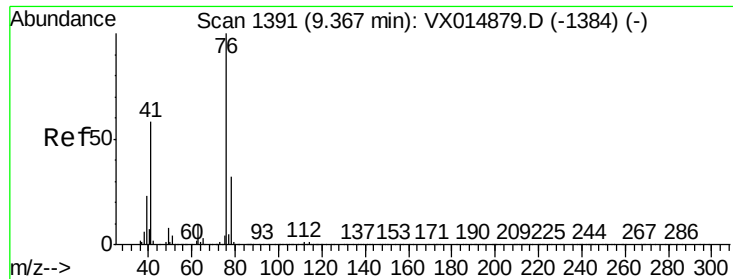
Tot Ion:	97	Resp:	89290
Ion	Ratio	Lower	Upper
97	100		
83	84.9	66.6	99.8
85	55.2	43.5	65.3
99	63.1	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 19.264 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Tgt Ion:	69	Resp:	127646
Ion	Ratio	Lower	Upper
69	100		
41	69.0	54.8	82.2
39	39.5	29.9	44.9

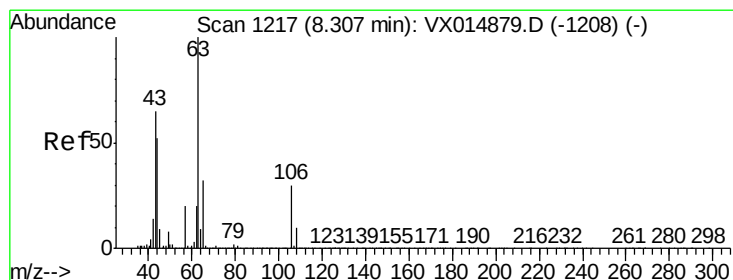
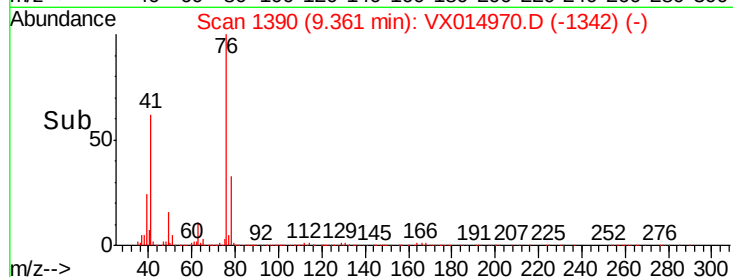
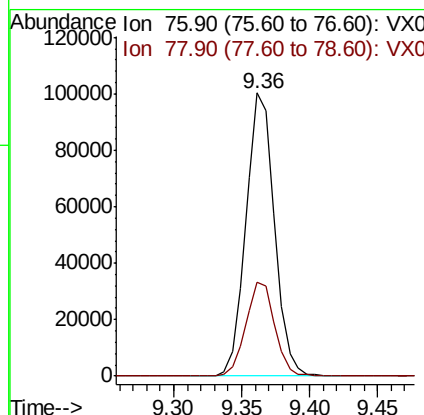
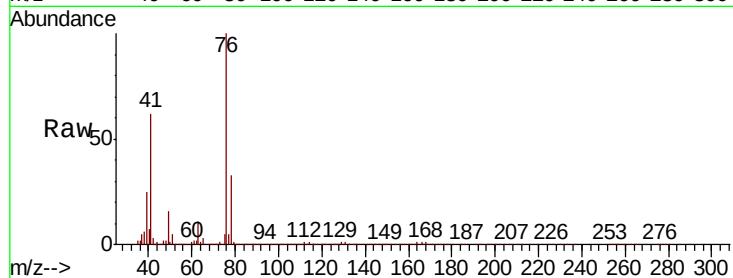




#57
 1,3-Dichloropropane
 Concen: 19.839 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

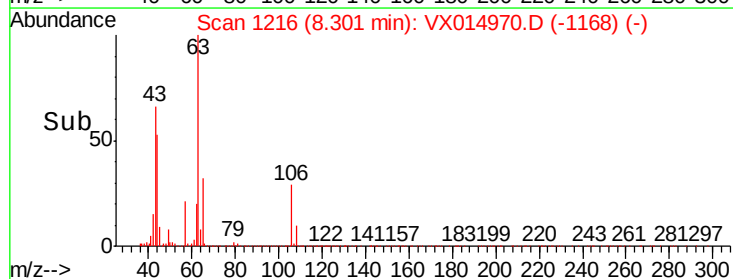
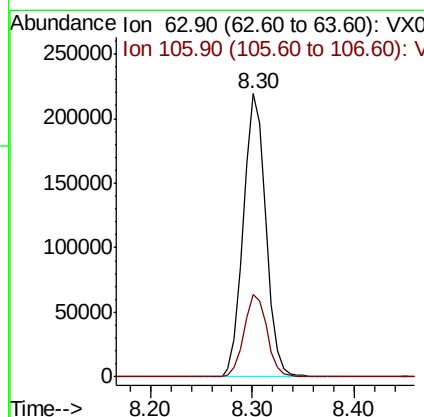
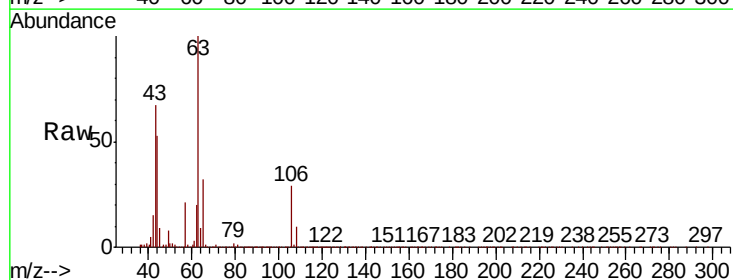
Instrument :
 MSVOA_X
 ClientSampleId :

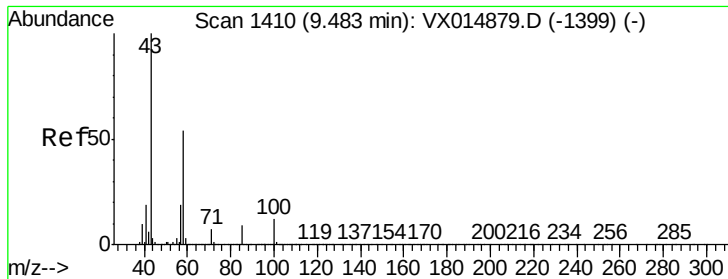
Tot Ion: 76 Resp: 147219
 Ion Ratio Lower Upper
 76 100
 78 33.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.097 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Tgt Ion: 63 Resp: 333015
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.8 35.8

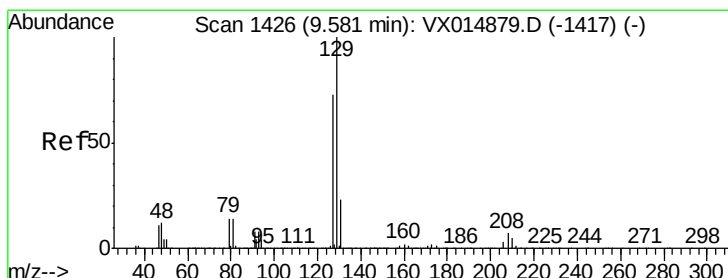
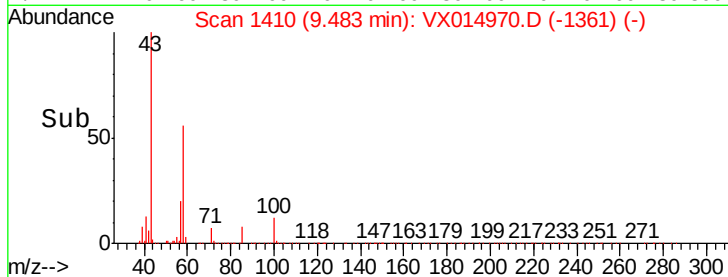
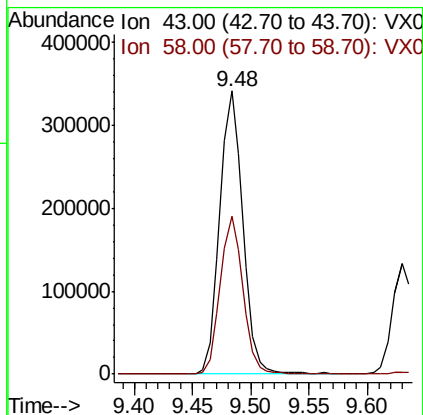
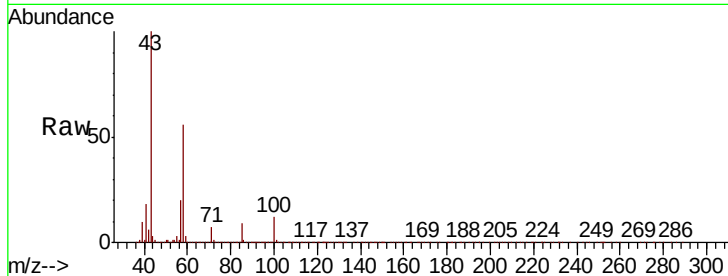




#59
2-Hexanone
Concen: 99.676 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

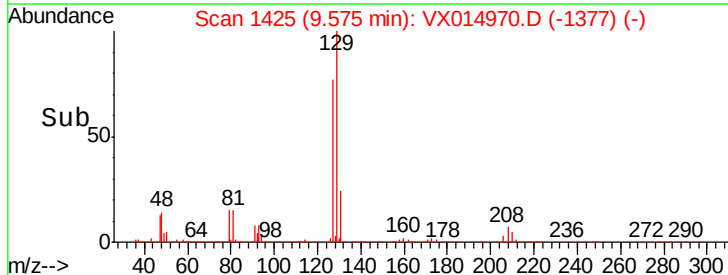
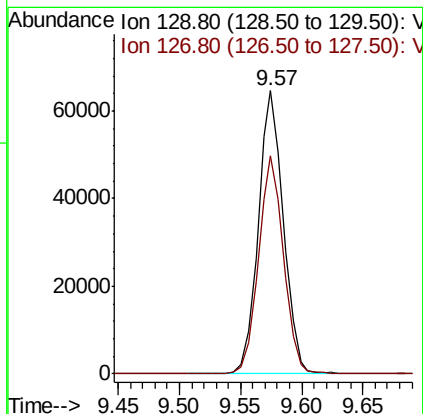
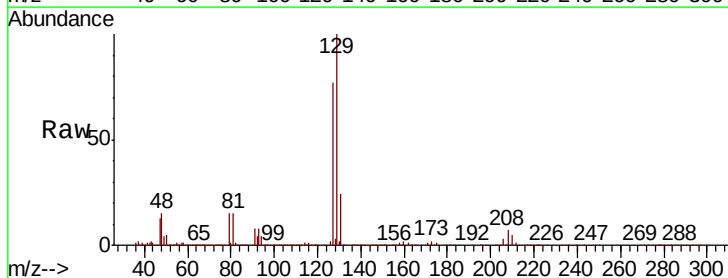
Instrument :
MSVOA_X
ClientSampleId :

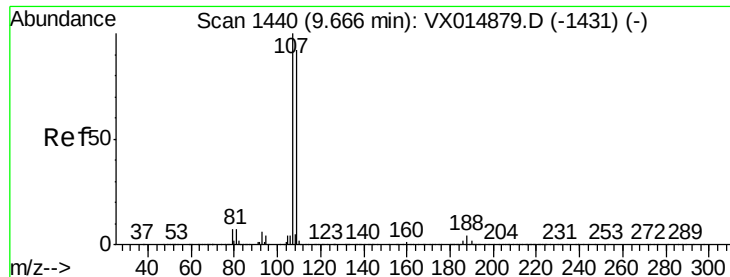
Tot Ion: 43 Resp: 467353
Ion Ratio Lower Upper
43 100
58 55.0 27.5 82.5



#60
Dibromochloromethane
Concen: 19.495 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion: 129 Resp: 92489
Ion Ratio Lower Upper
129 100
127 76.7 37.8 113.3

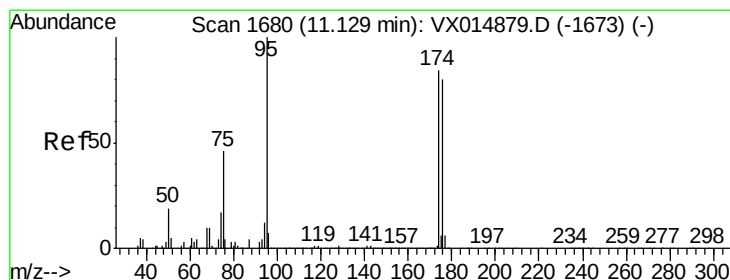
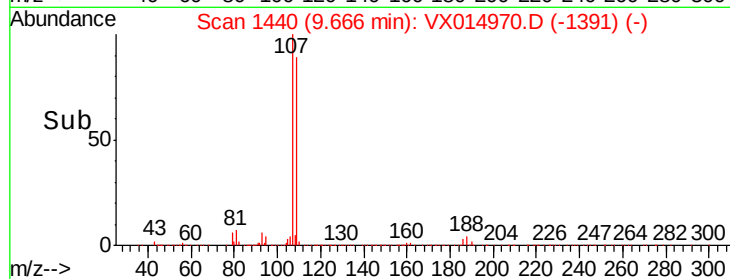
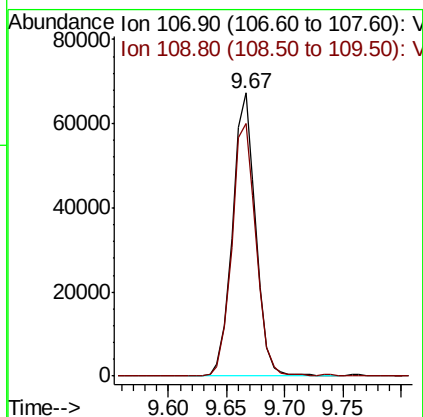
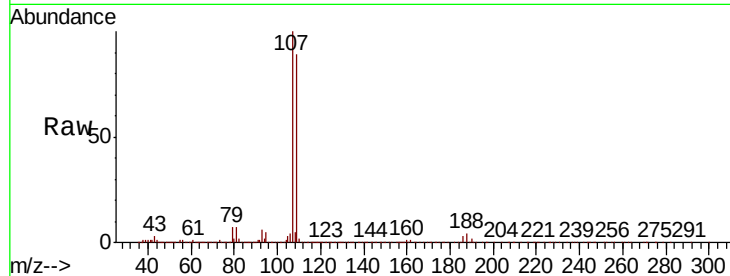




#61
 1,2-Dibromoethane
 Concen: 19.576 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

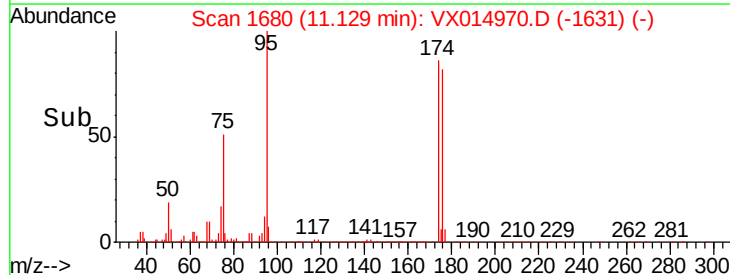
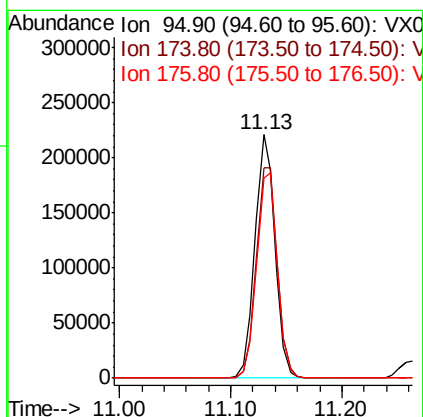
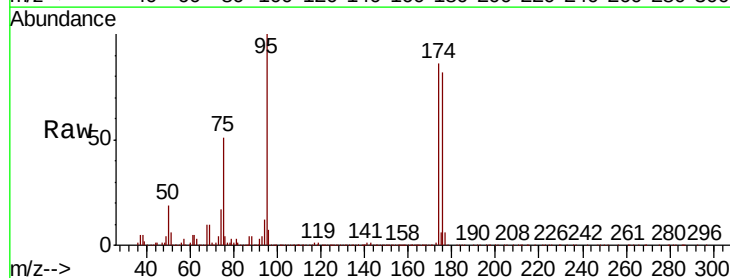
Instrument :
 MSVOA_X
 ClientSampleId :

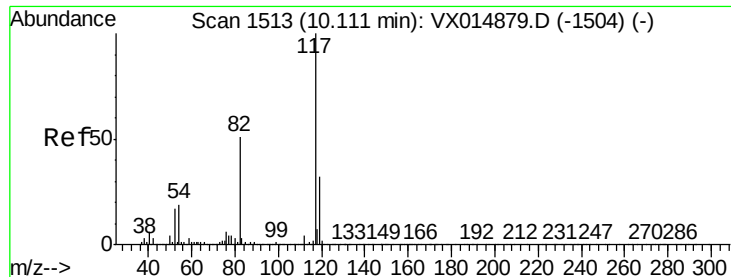
Tot Ion: 107 Resp: 93116
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.086 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Tgt Ion: 95 Resp: 277198
 Ion Ratio Lower Upper
 95 100
 174 91.0 0.0 183.0
 176 87.7 0.0 178.0

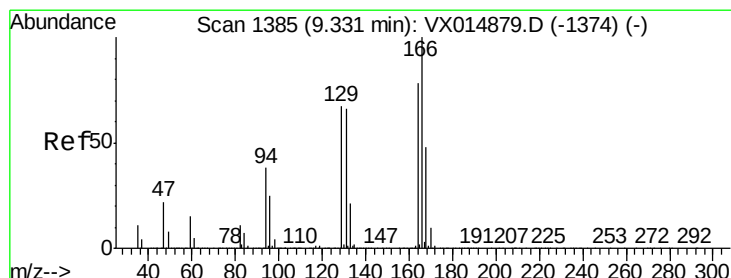
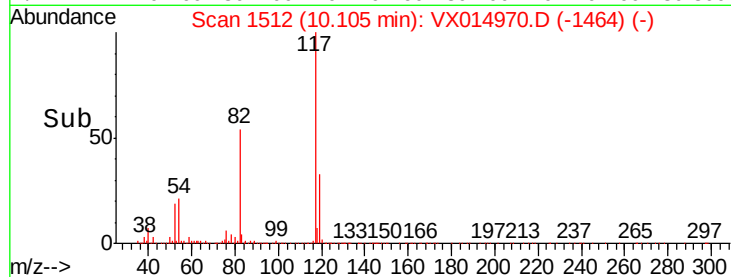
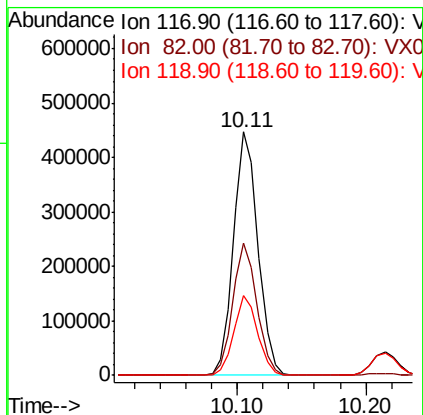
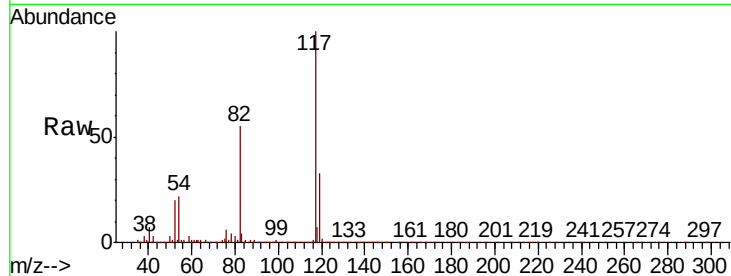




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

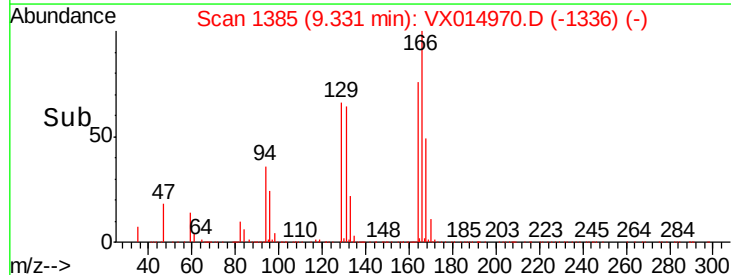
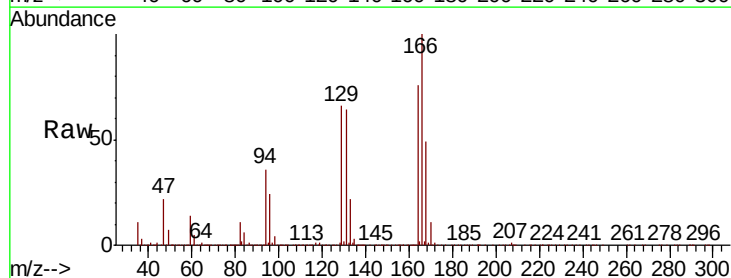
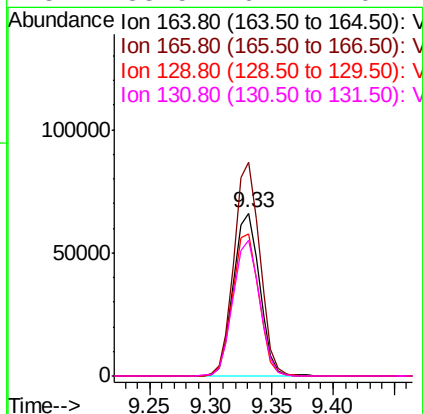
Instrument :
MSVOA_X
ClientSampled :

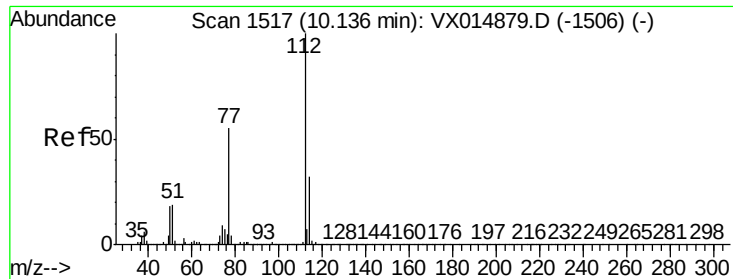
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	40.5	60.7
119	32.9	25.8	38.6



#64
Tetrachloroethene
Concen: 17.635 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	102.6	153.8
129	87.0	68.3	102.5
131	83.5	67.4	101.2

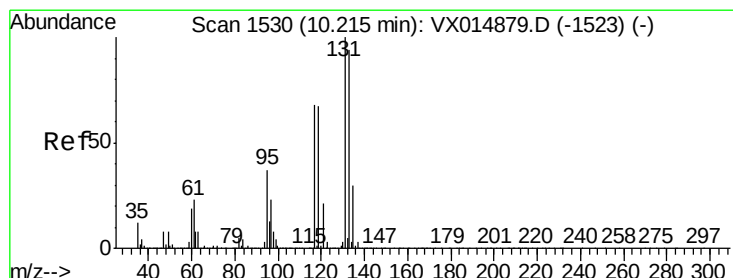
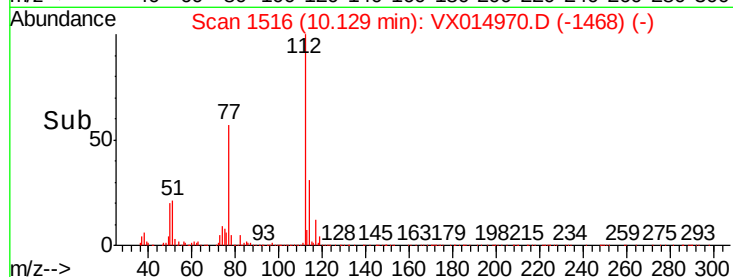
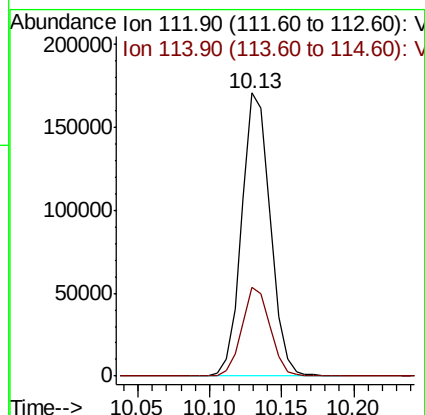
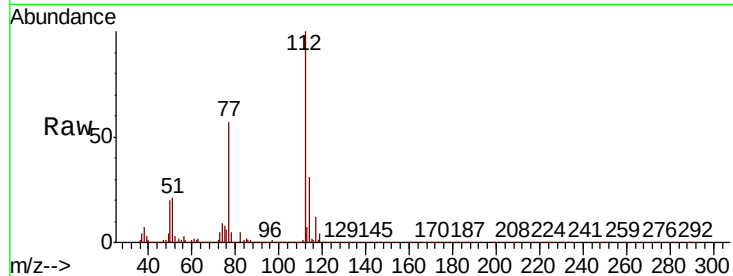




#65
Chlorobenzene
Concen: 19.473 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

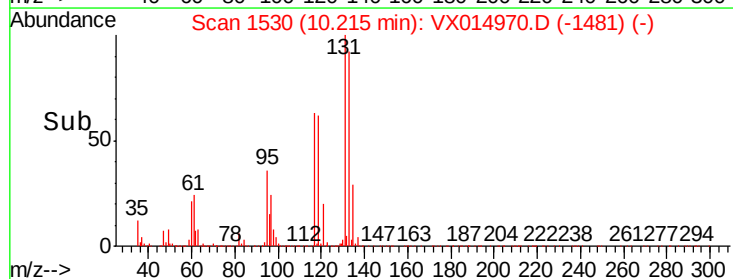
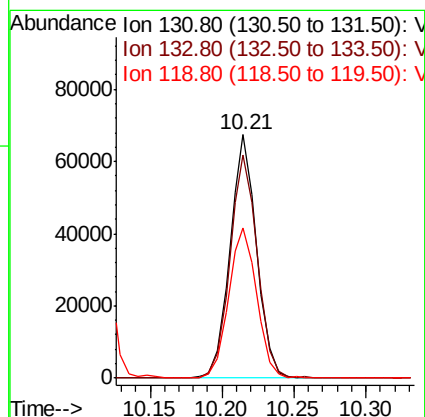
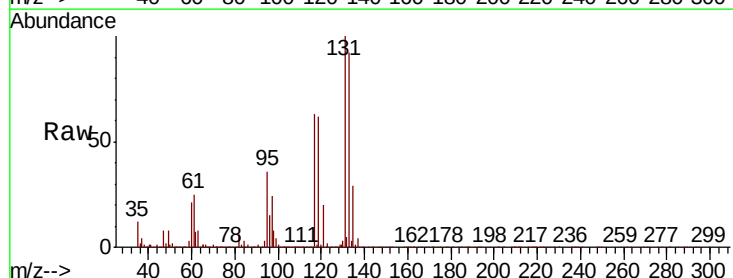
Instrument :
MSVOA_X
ClientSampleId :

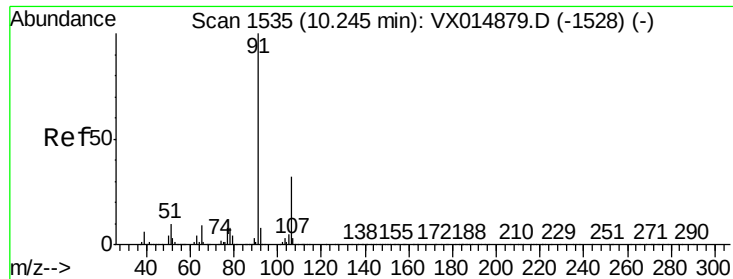
Tot Ion:112 Resp: 234339
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.878 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion:131 Resp: 86842
Ion Ratio Lower Upper
131 100
133 94.3 48.1 144.4
119 65.1 33.0 99.0

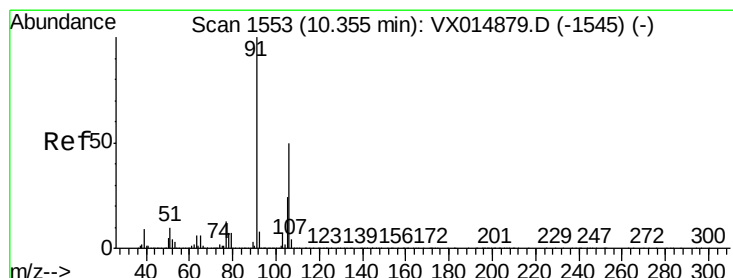
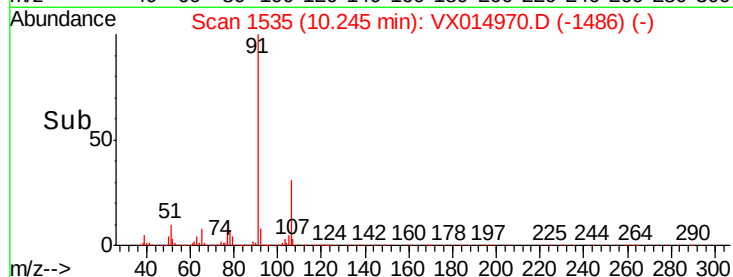
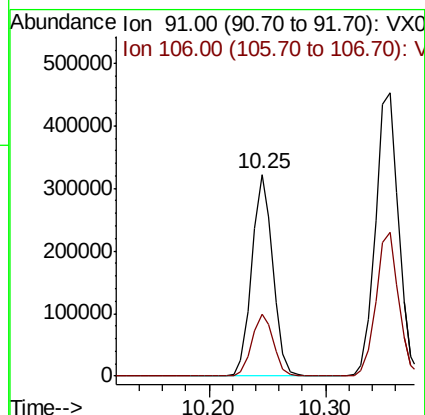
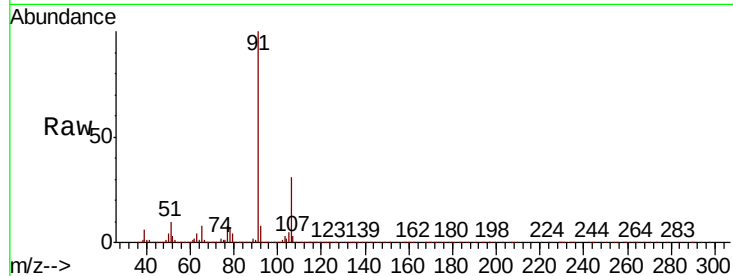




#67
Ethyl Benzene
Concen: 19.887 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

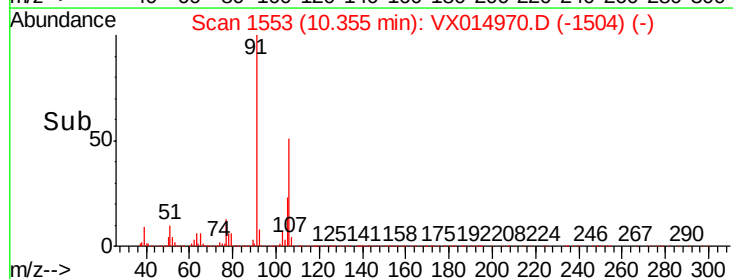
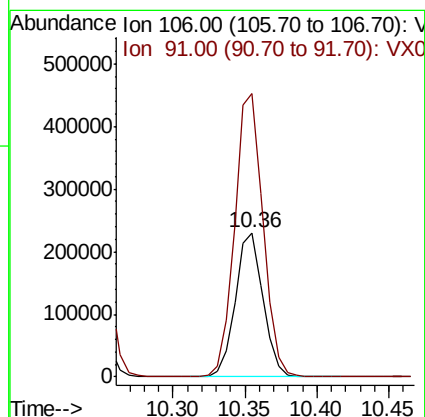
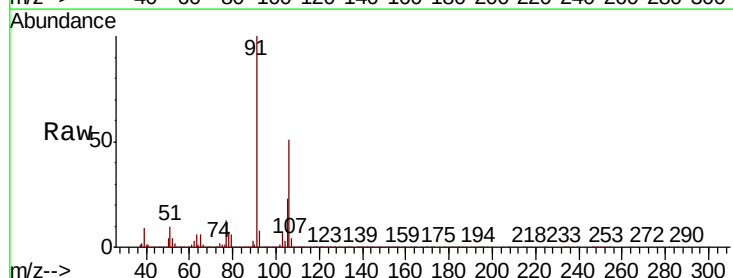
Instrument :
MSVOA_X
ClientSampleId :

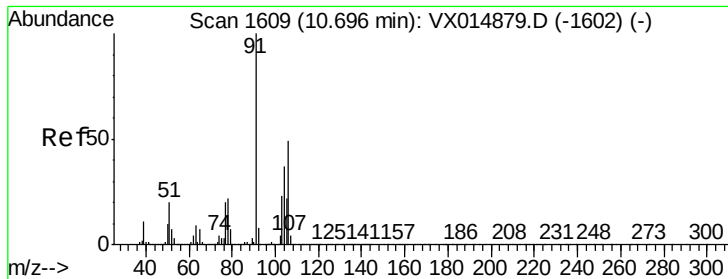
Tot Ion: 91 Resp: 406999
Ion Ratio Lower Upper
91 100
106 31.0 25.3 37.9



#68
m/p-Xylenes
Concen: 39.254 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion: 106 Resp: 309485
Ion Ratio Lower Upper
106 100
91 200.7 160.6 240.8

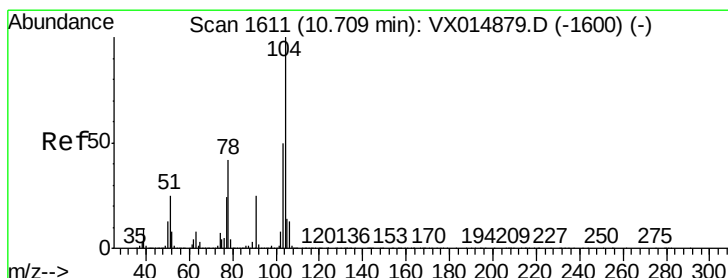
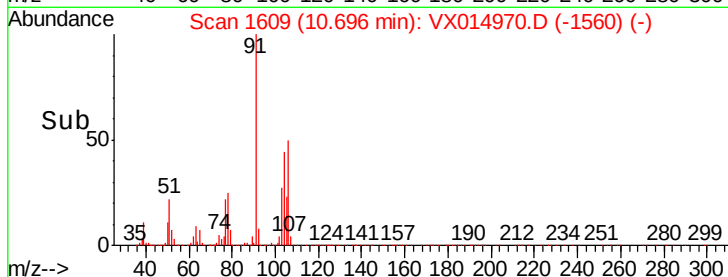
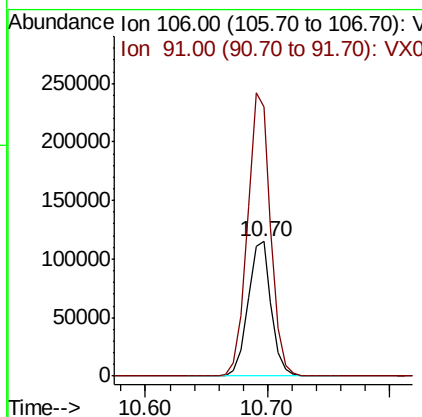
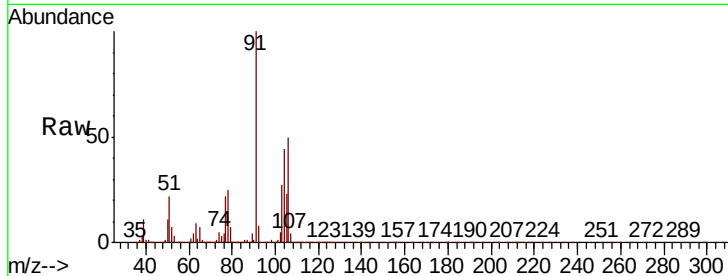




#69
o-Xylene
Concen: 19.869 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

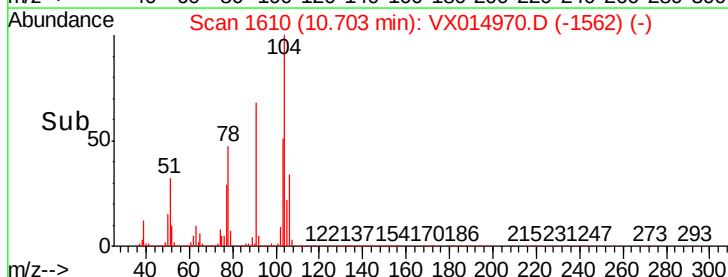
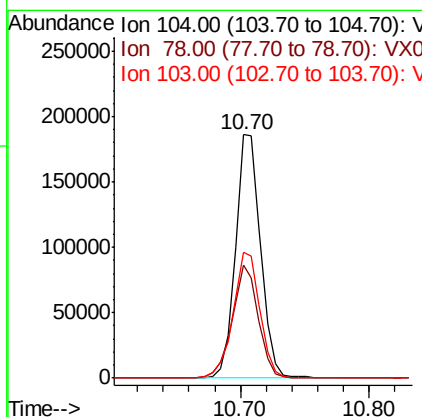
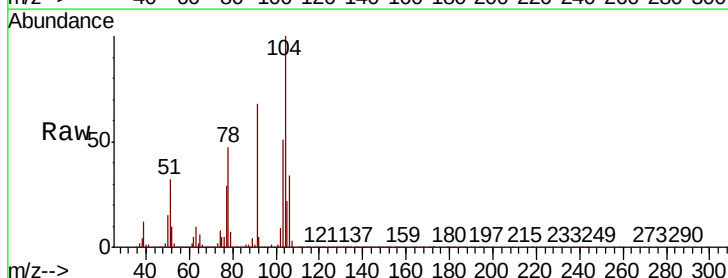
Instrument :
MSVOA_X
ClientSampleId :

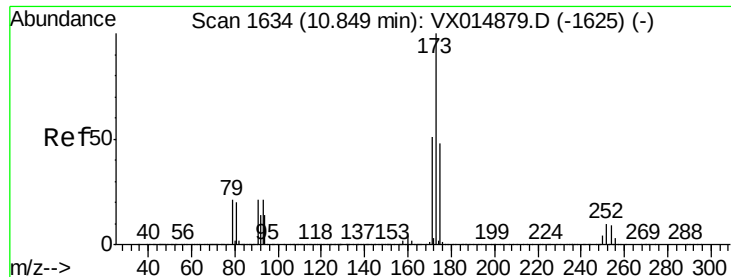
Tot Ion:106 Resp: 150586
Ion Ratio Lower Upper
106 100
91 209.1 105.1 315.3



#70
Styrene
Concen: 19.598 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion:104 Resp: 251268
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.4
103 55.2 43.4 65.0





#71

Bromoform

Concen: 19.157 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

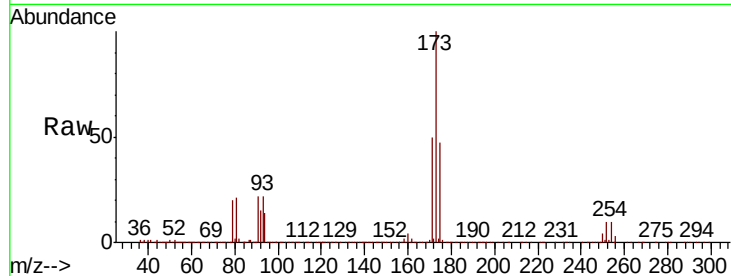
Tot Ion:173 Resp: 69860

Ion Ratio Lower Upper

173 100

175 48.5 24.2 72.6

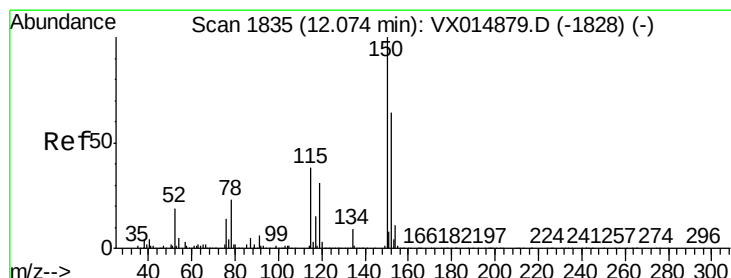
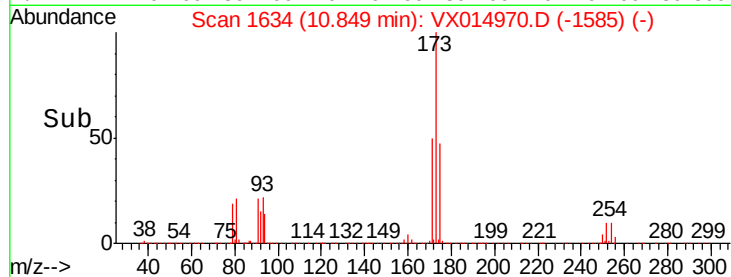
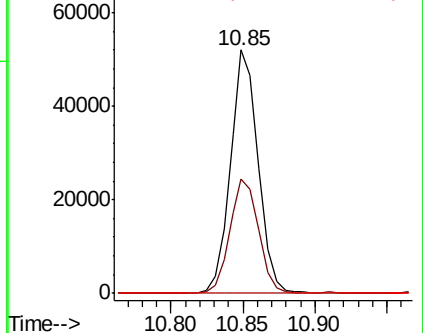
254 0.0 0.2 0.2#



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: VX014970.D

Acq: 20 Feb 2020 11:11

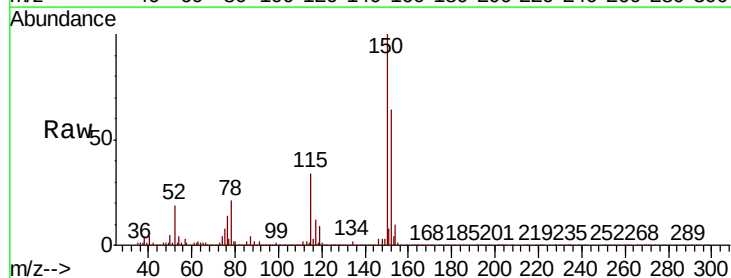
Tgt Ion:152 Resp: 317473

Ion Ratio Lower Upper

152 100

115 62.2 38.6 116.0

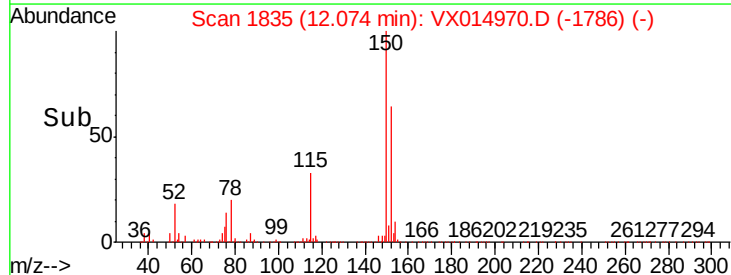
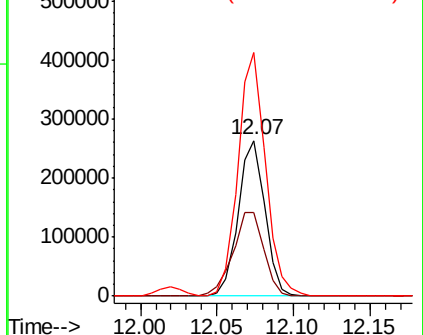
150 161.7 0.0 349.0

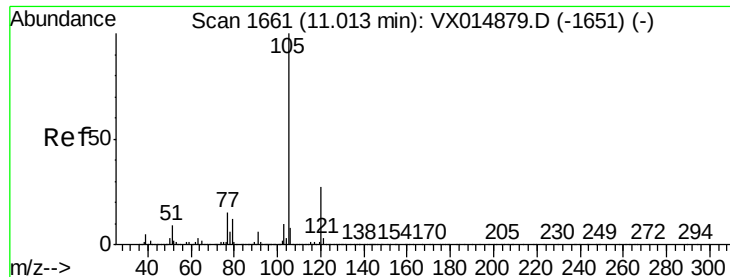


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.429 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

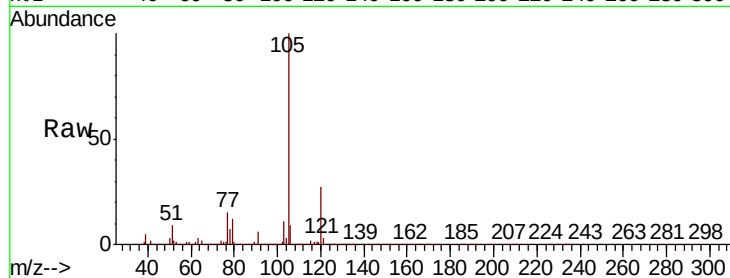
ClientSampleId :

Tot Ion:105 Resp: 406714

Ion Ratio Lower Upper

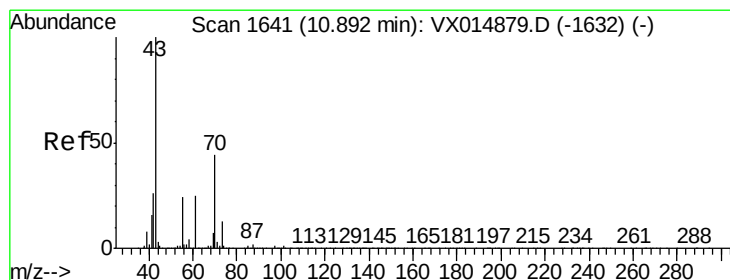
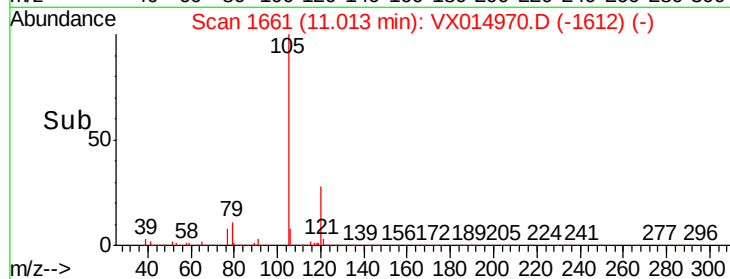
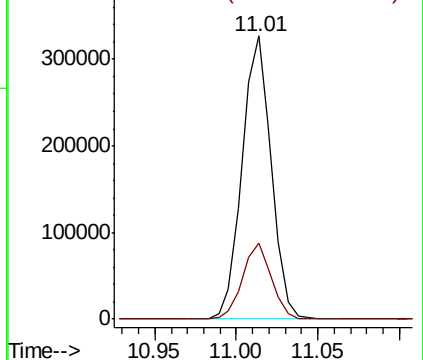
105 100

120 26.7 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: 19.805 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Tgt Ion: 43 Resp: 163835

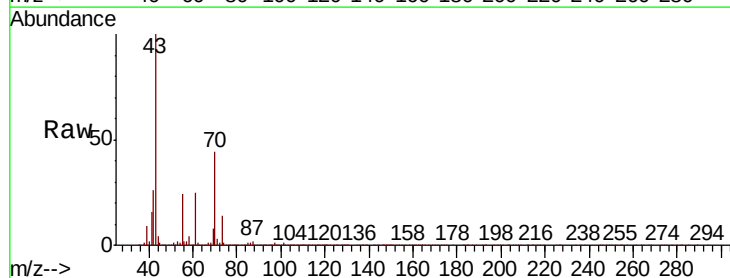
Ion Ratio Lower Upper

43 100

70 43.4 35.0 52.4

55 24.4 19.4 29.2

61 25.3 19.8 29.6

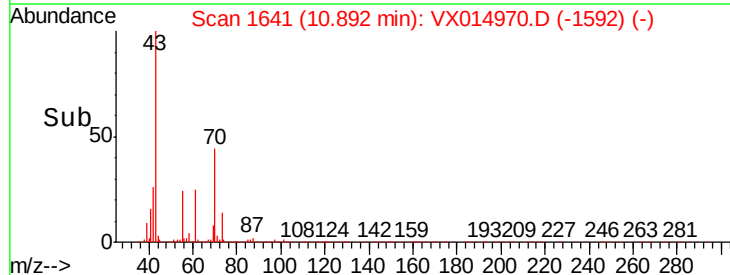
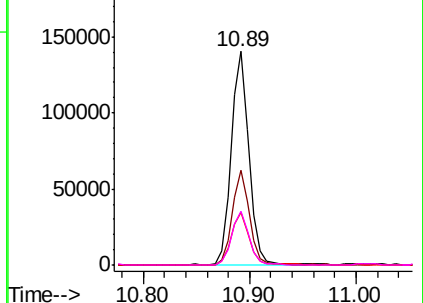


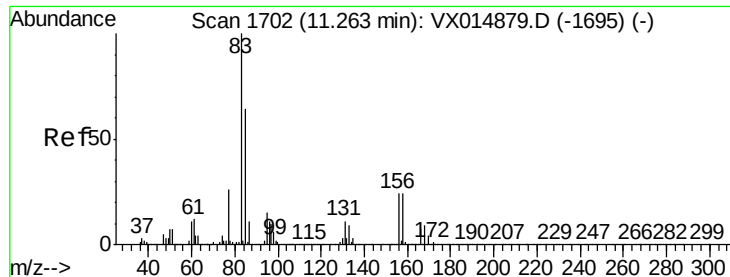
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.909 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

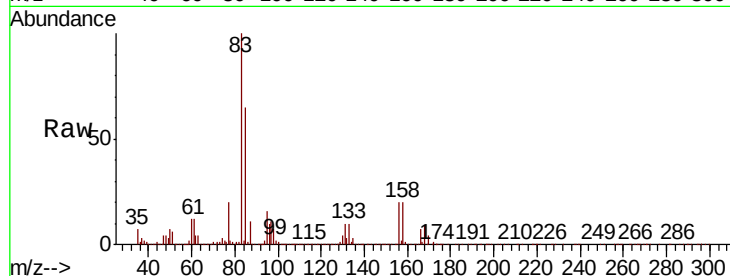
Tot Ion: 83 Resp: 129571

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

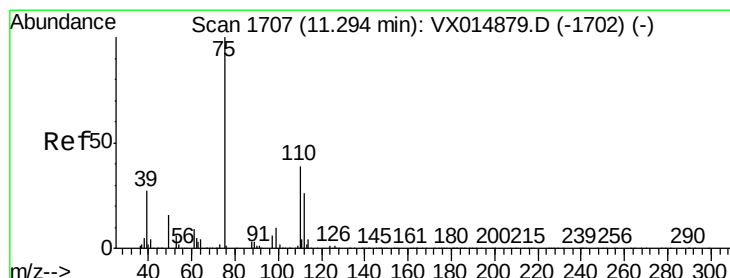
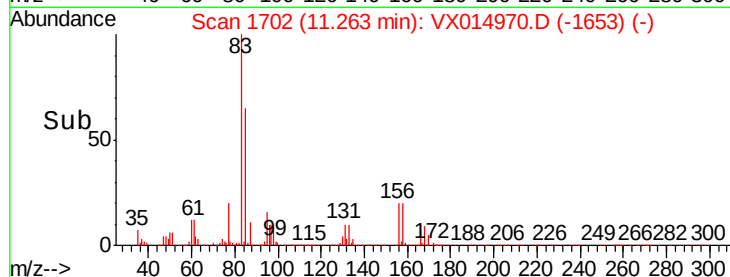
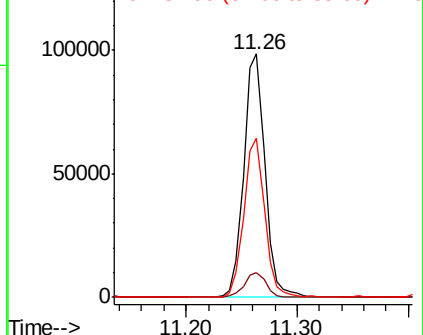
85 64.1 32.6 97.7



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: 25.268 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014970.D

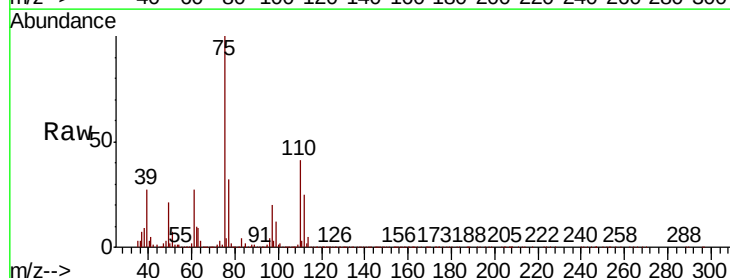
Acq: 20 Feb 2020 11:11

Tgt Ion: 75 Resp: 145061

Ion Ratio Lower Upper

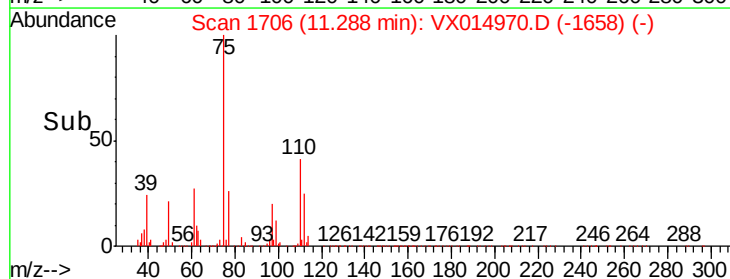
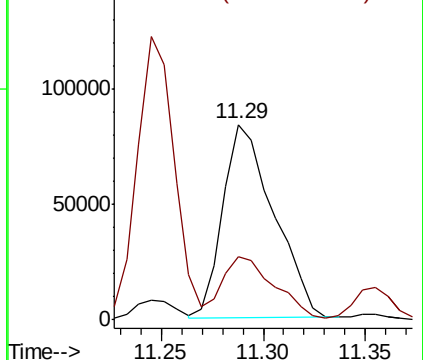
75 100

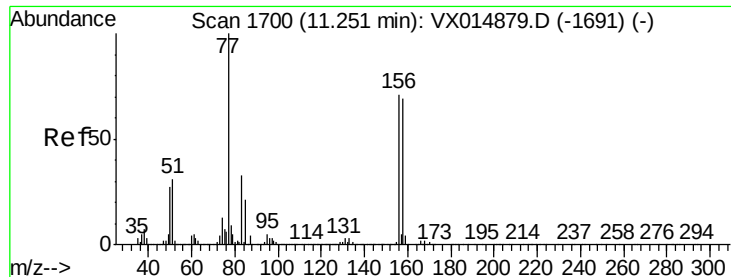
77 33.4 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.405 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

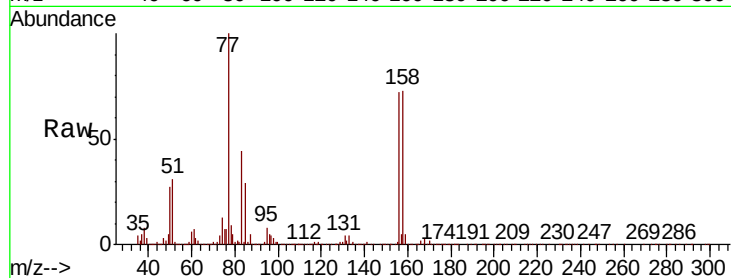
Tot Ion:156 Resp: 107831

Ion Ratio Lower Upper

156 100

77 144.7 74.0 222.0

158 96.8 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

150000

100000

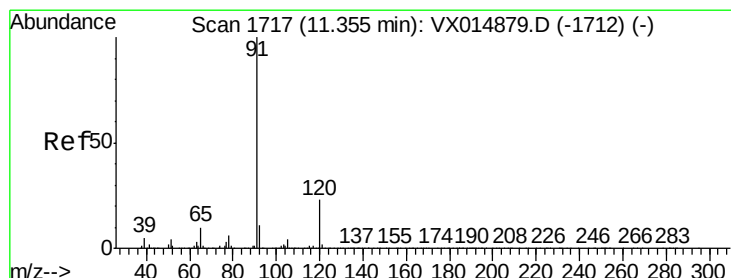
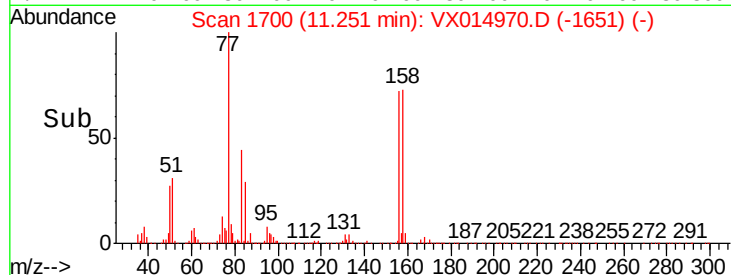
50000

0

11.25

11.30

Time-->



#78

n-propylbenzene

Concen: 19.756 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014970.D

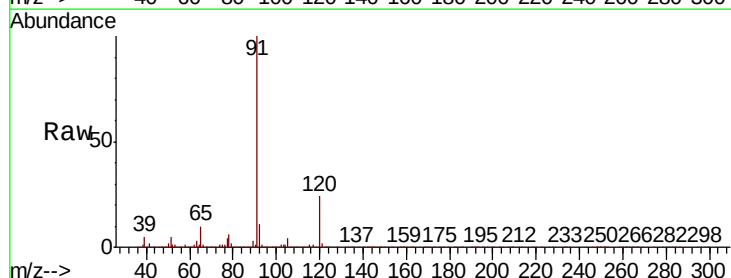
Acq: 20 Feb 2020 11:11

Tgt Ion: 91 Resp: 454925

Ion Ratio Lower Upper

91 100

120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

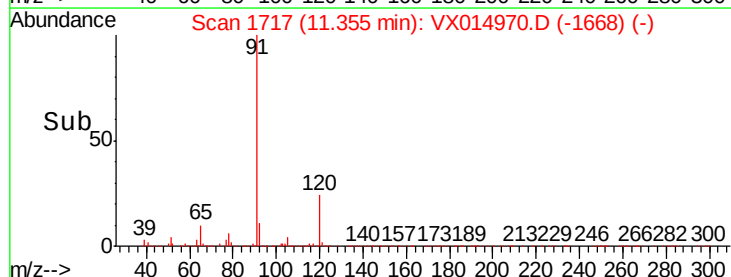
100000

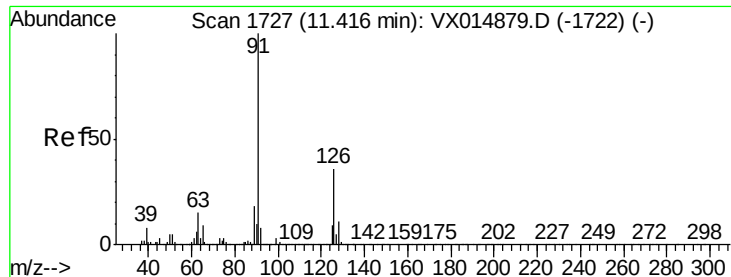
0

11.35

11.40

Time-->

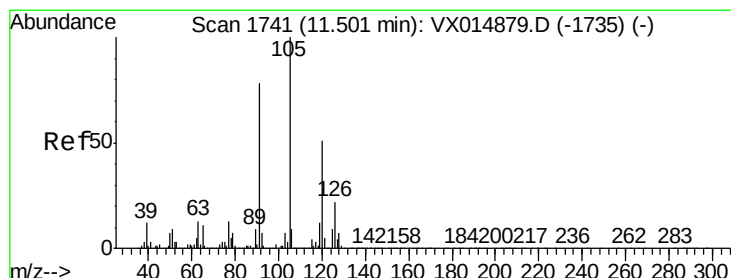
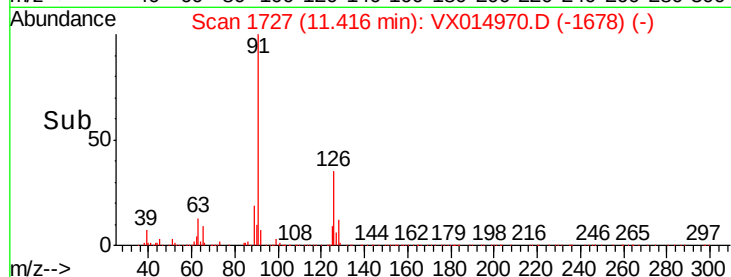
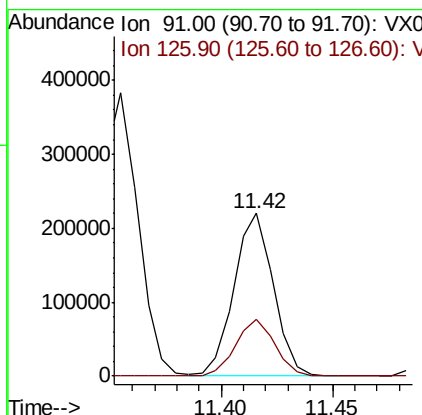
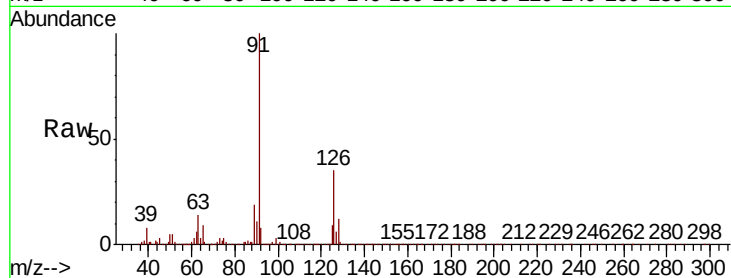




#79
 2-Chlorotoluene
 Concen: 19.880 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

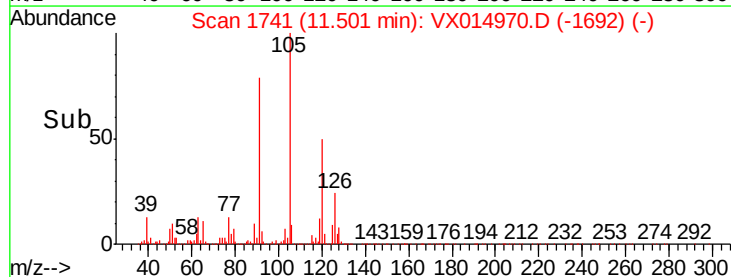
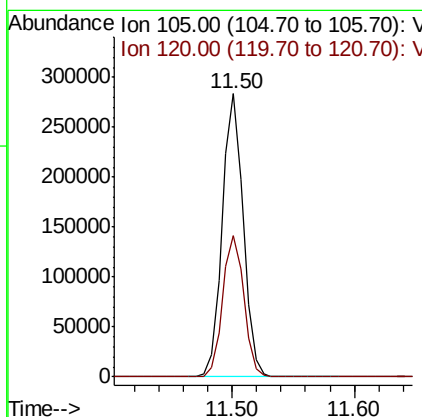
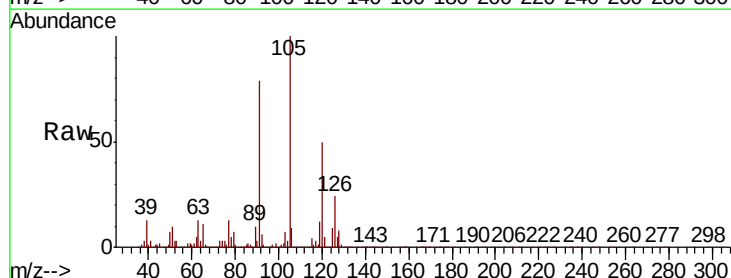
Instrument :
 MSVOA_X
 ClientSampled :

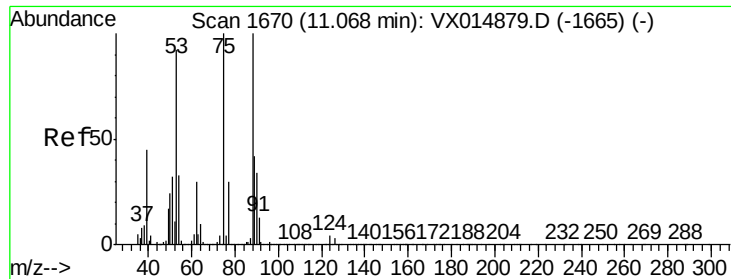
Tot Ion: 91 Resp: 269124
 Ion Ratio Lower Upper
 91 100
 126 35.0 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.285 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Tgt Ion: 105 Resp: 337441
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.022 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampled :

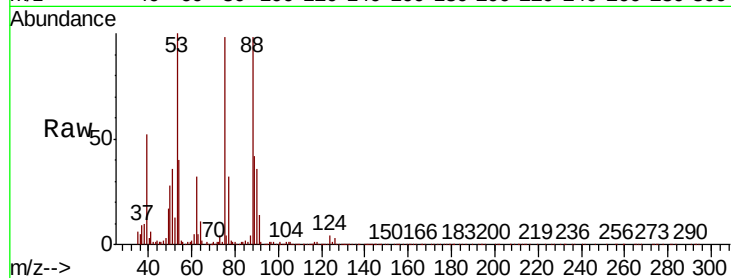
Tot Ion: 75 Resp: 40420

Ion Ratio Lower Upper

75 100

53 102.1 76.2 114.2

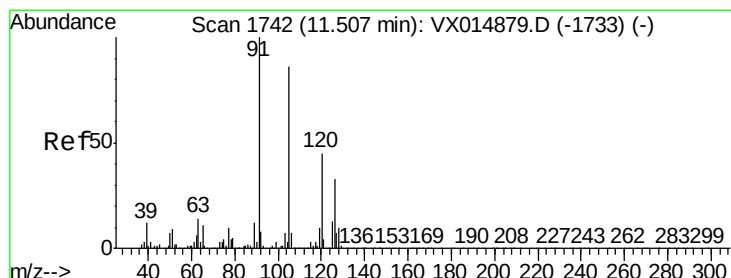
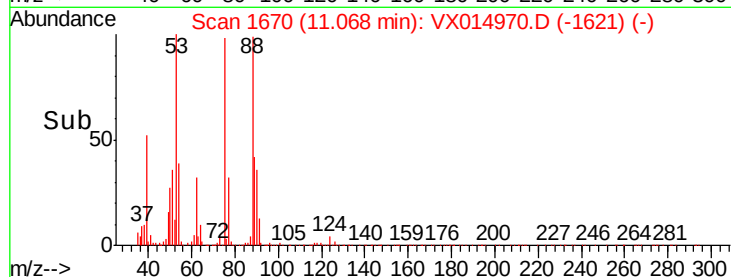
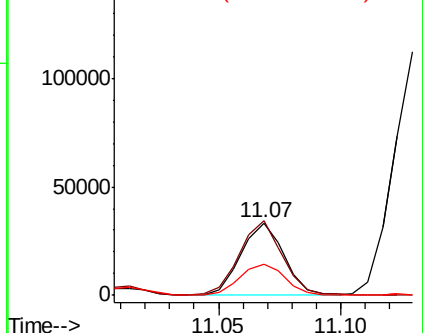
89 44.8 35.8 53.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.364 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014970.D

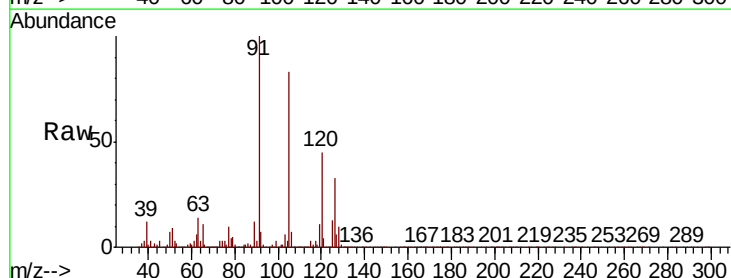
Acq: 20 Feb 2020 11:11

Tgt Ion: 91 Resp: 310435

Ion Ratio Lower Upper

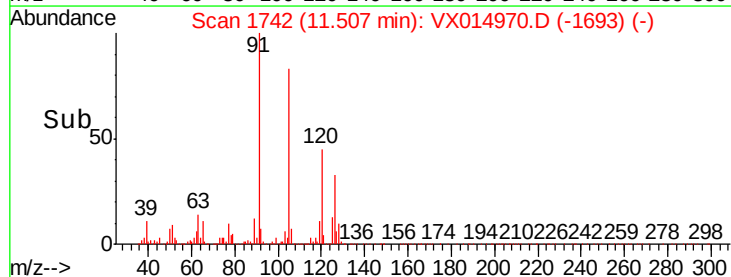
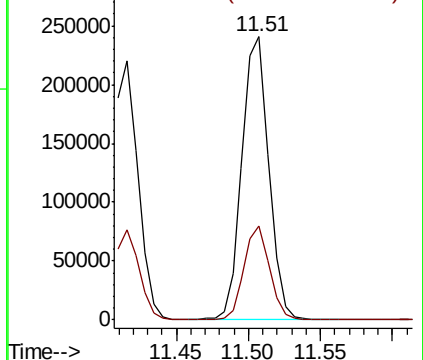
91 100

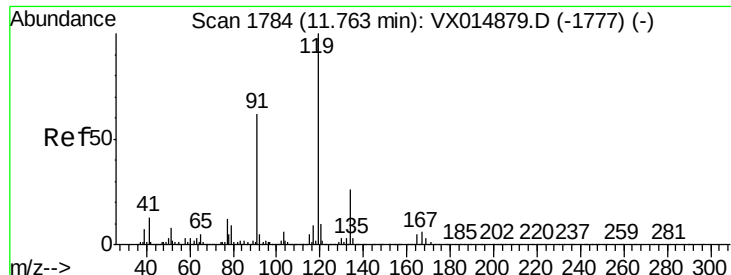
126 31.3 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.485 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

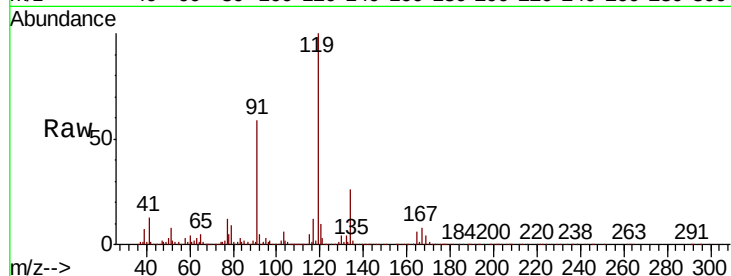
Tot Ion:119 Resp: 322692

Ion Ratio Lower Upper

119 100

91 56.7 29.5 88.6

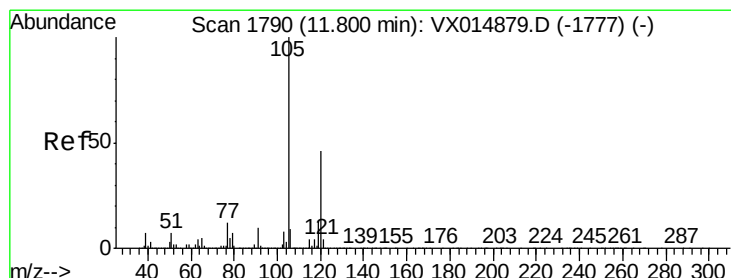
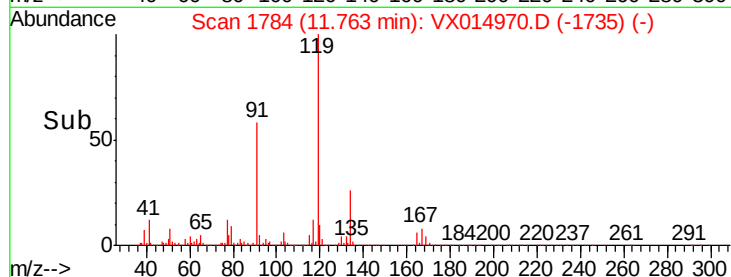
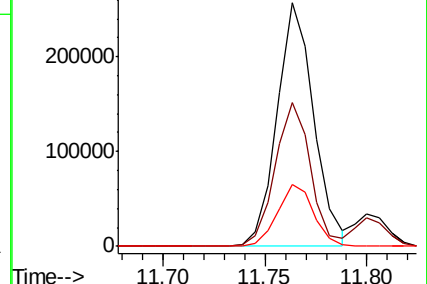
134 24.9 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.212 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014970.D

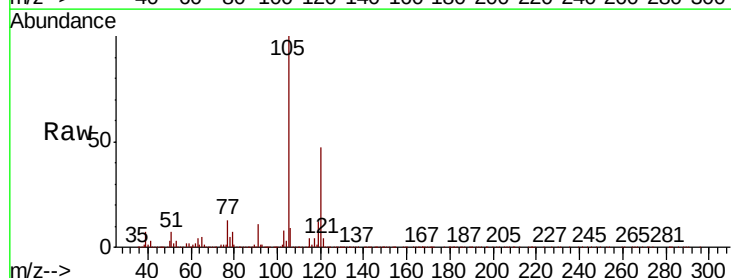
Acq: 20 Feb 2020 11:11

Tgt Ion:105 Resp: 338850

Ion Ratio Lower Upper

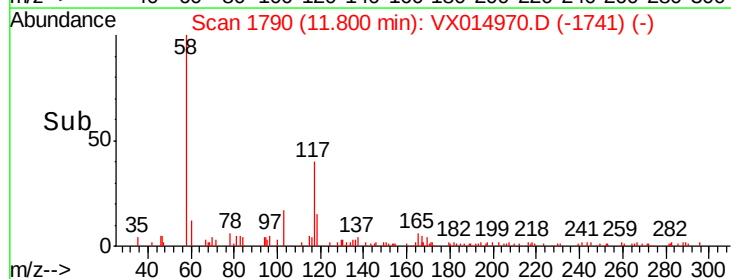
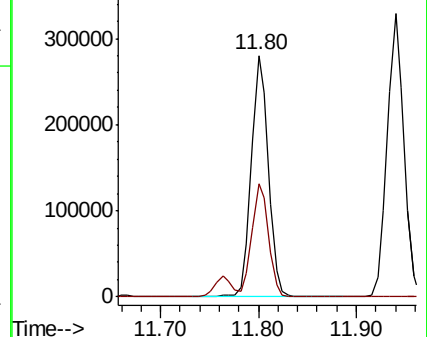
105 100

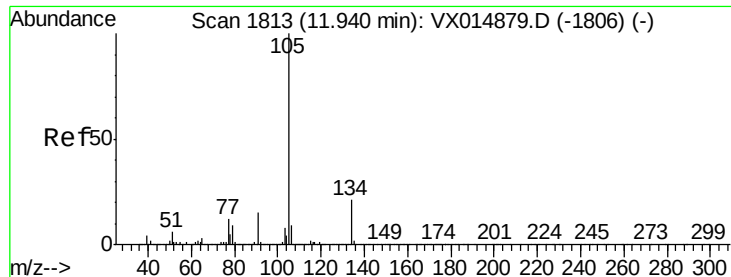
120 45.8 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.919 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

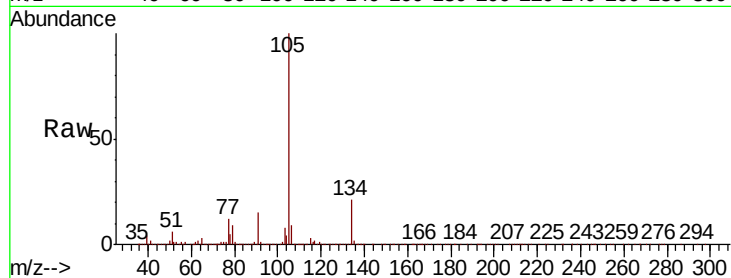
ClientSampleId :

Tot Ion:105 Resp: 389795

Ion Ratio Lower Upper

105 100

134 21.3 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

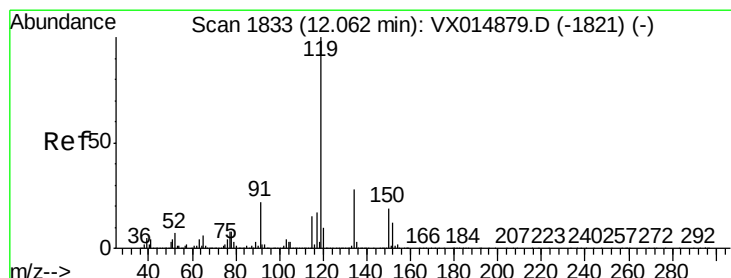
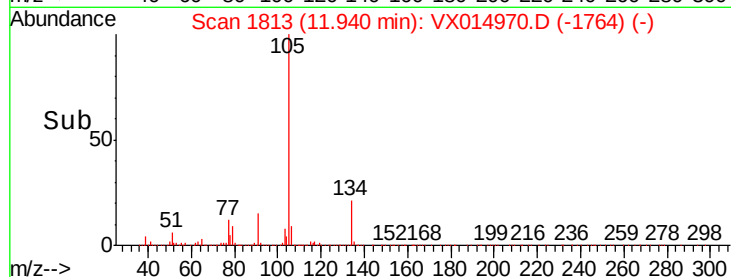
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.955 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

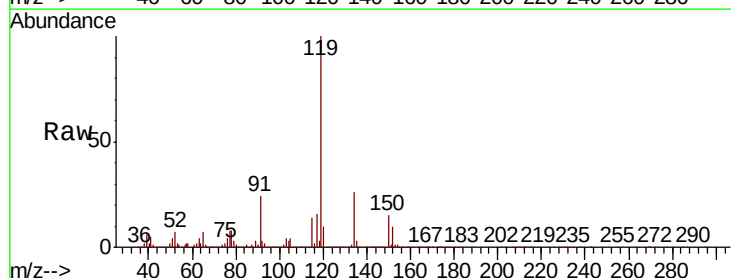
Tgt Ion:119 Resp: 365430

Ion Ratio Lower Upper

119 100

134 26.6 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

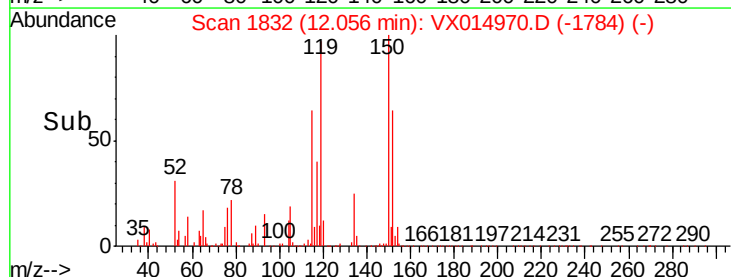
300000

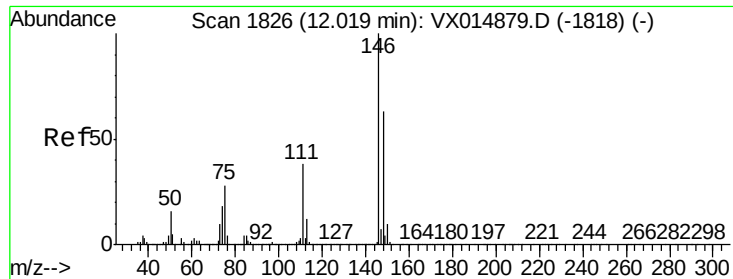
200000

100000

0

Time--> 12.00 12.10

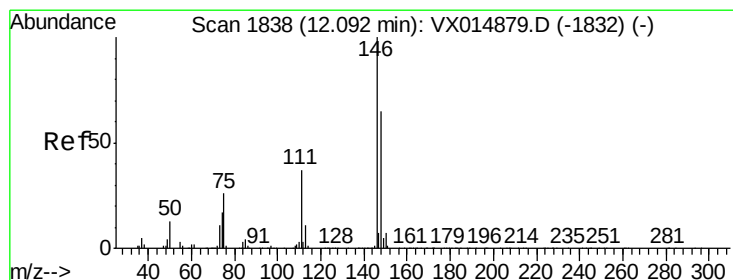
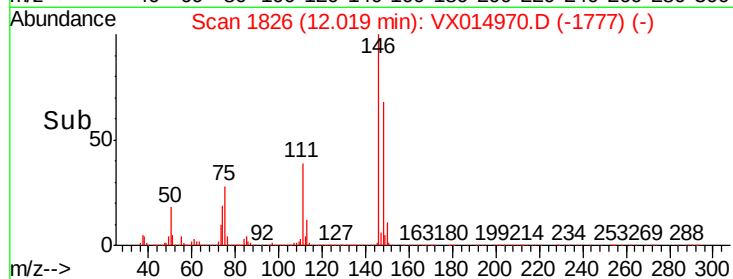
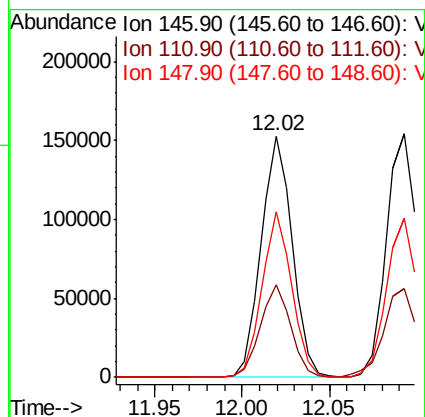
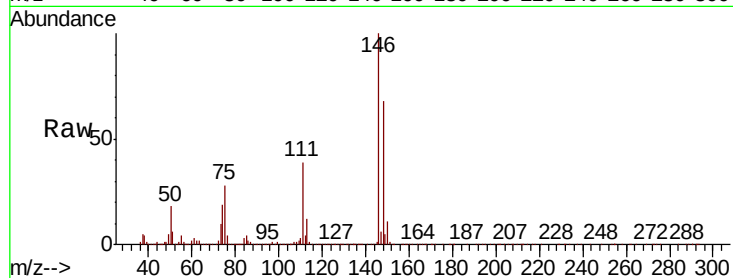




#87
 1,3-Dichlorobenzene
 Concen: 18.923 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

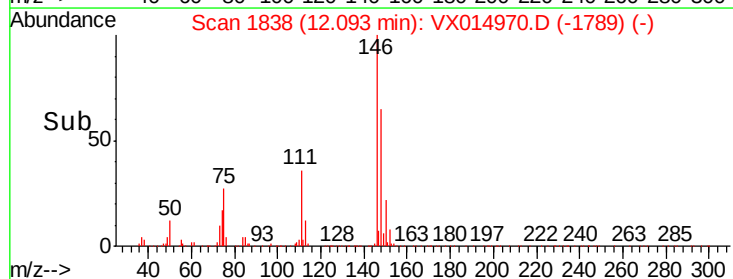
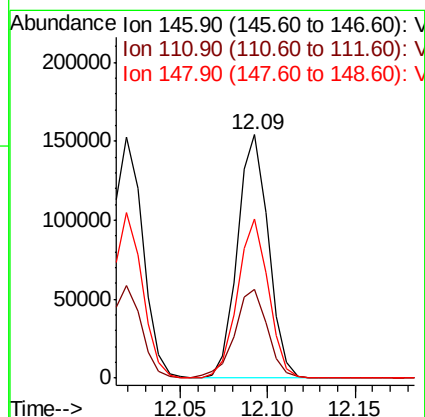
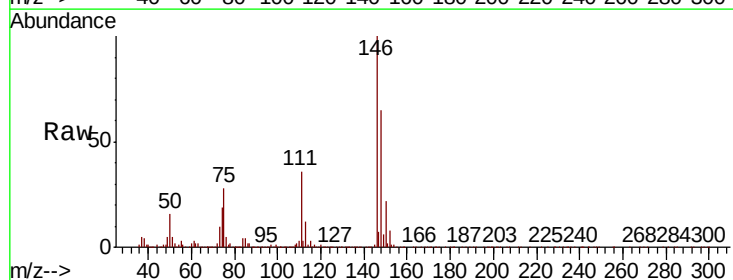
Instrument :
 MSVOA_X
 ClientSampleId :

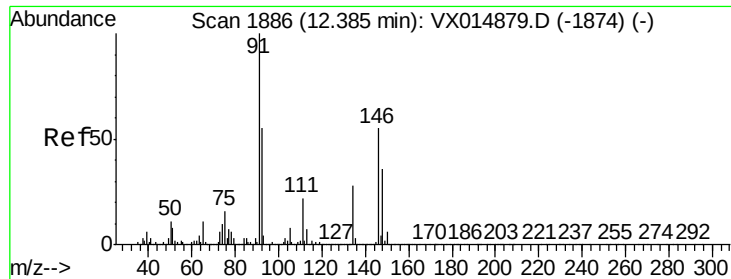
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	56.0
148	65.7	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.620 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.6	55.6
148	64.8	32.4	97.0

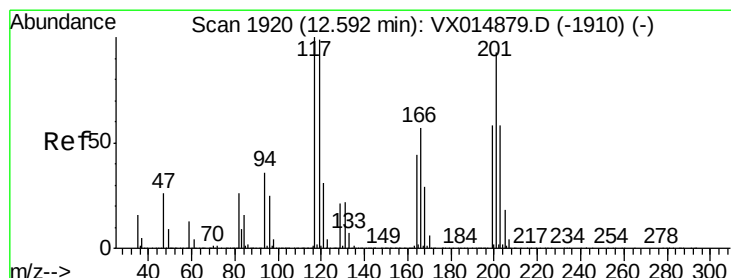
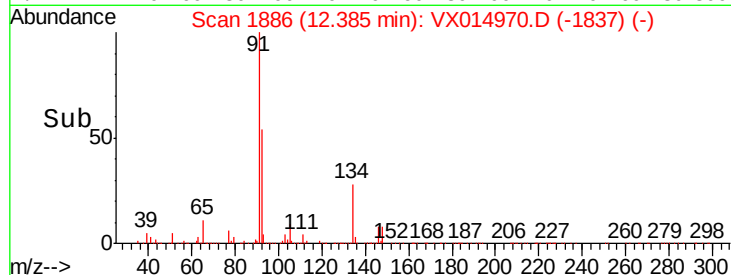
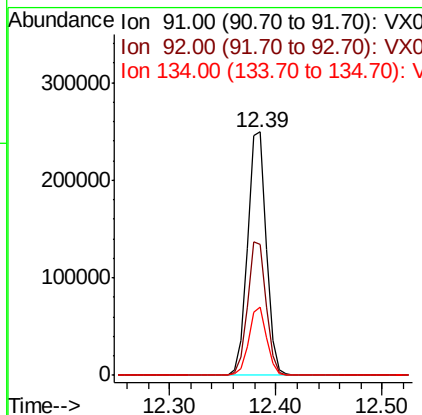
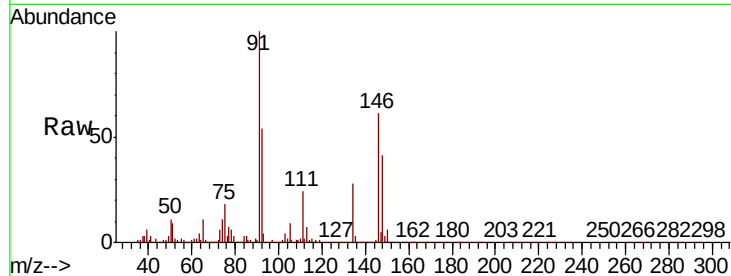




#89
n-Butylbenzene
Concen: 18.762 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

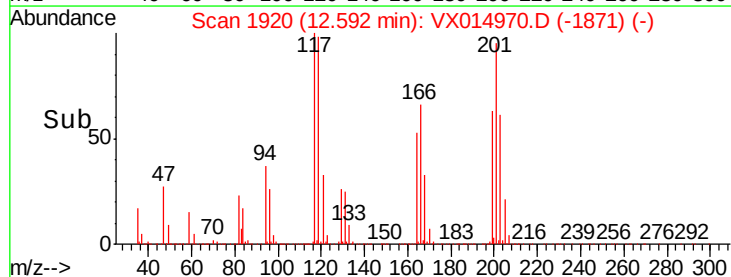
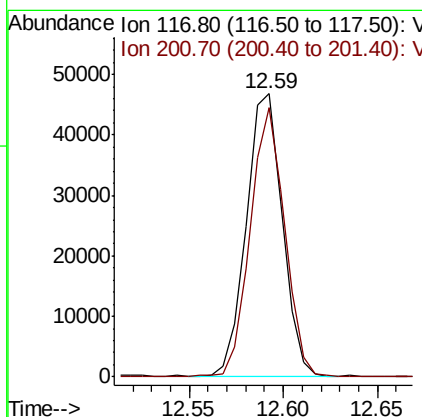
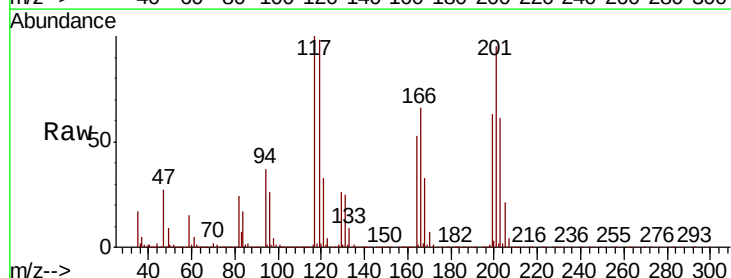
Instrument :
MSVOA_X
ClientSampleId :

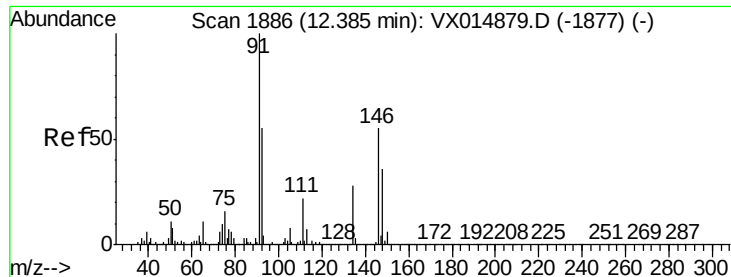
Tot Ion: 91 Resp: 307710
Ion Ratio Lower Upper
91 100
92 54.7 27.3 81.8
134 27.2 13.8 41.4



#90
Hexachloroethane
Concen: 19.384 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion: 117 Resp: 61990
Ion Ratio Lower Upper
117 100
201 90.9 44.8 134.3

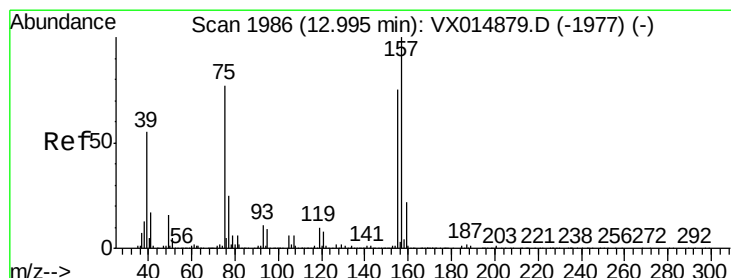
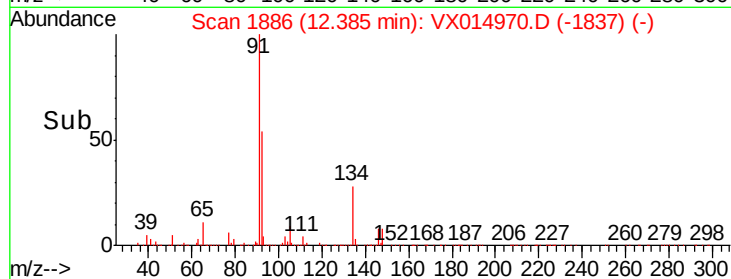
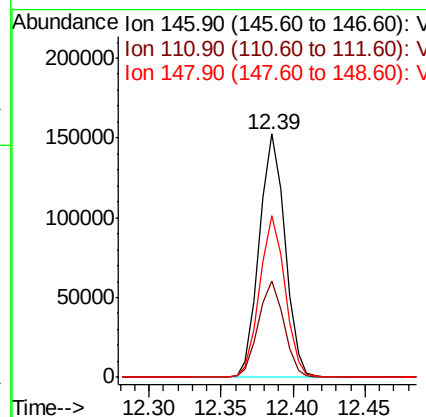
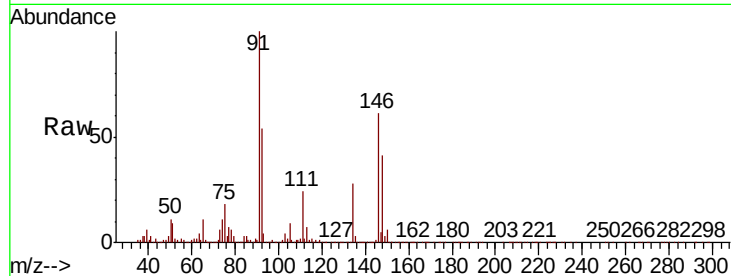




#91
 1,2-Dichlorobenzene
 Concen: 19.151 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

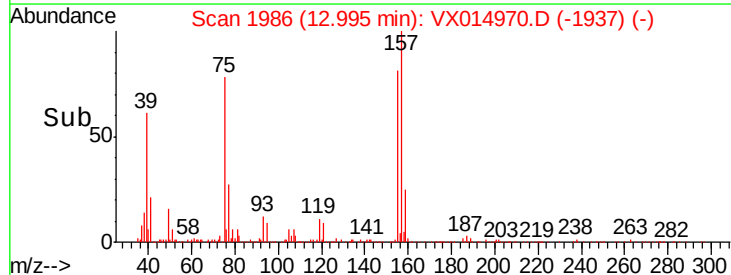
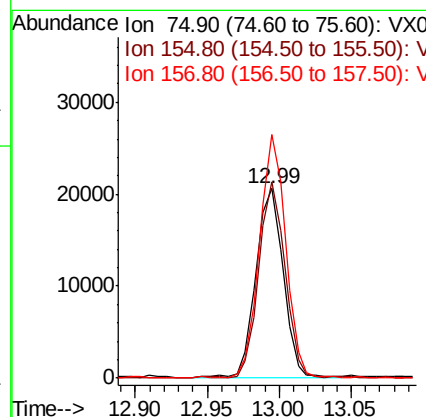
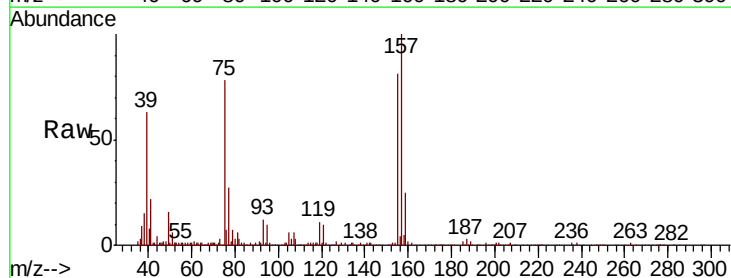
Instrument :
 MSVOA_X
 ClientSampleId :

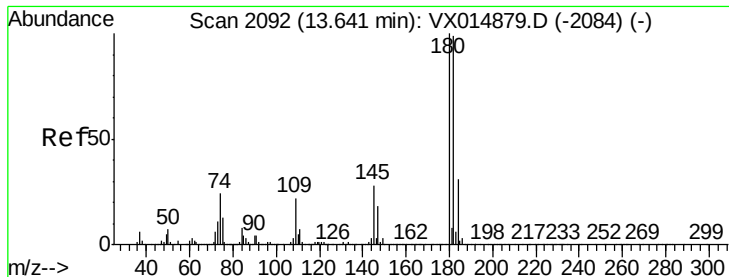
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.8	59.3
148	65.5	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.538 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.4	48.6	145.9
157	124.2	62.0	186.0





#93

1,2,4-Trichlorobenzene

Concen: 17.822 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

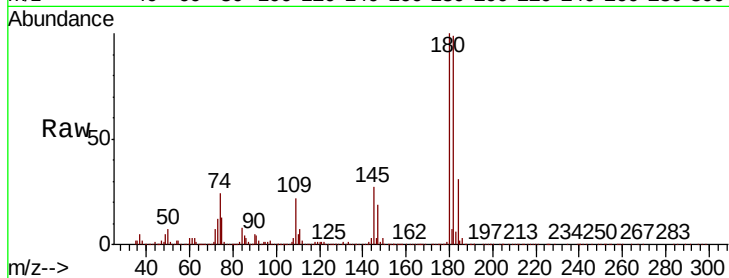
Tot Ion:180 Resp: 128598

Ion Ratio Lower Upper

180 100

182 98.7 48.4 145.3

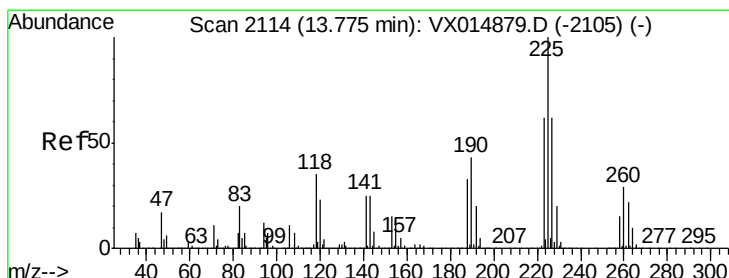
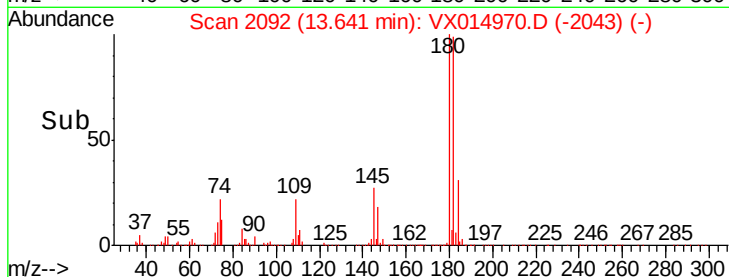
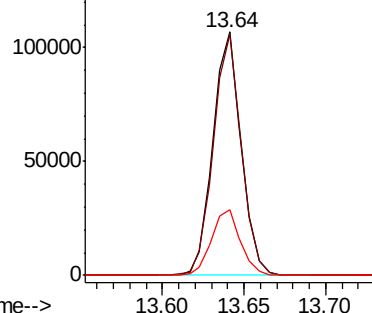
145 27.7 14.1 42.4



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: 19.444 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

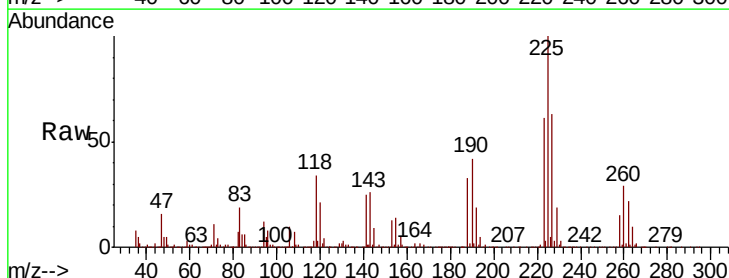
Tgt Ion:225 Resp: 67863

Ion Ratio Lower Upper

225 100

223 60.8 31.1 93.2

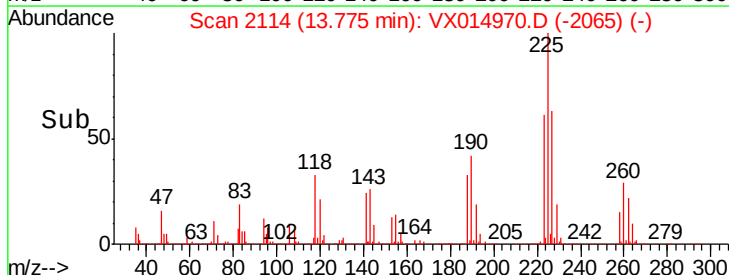
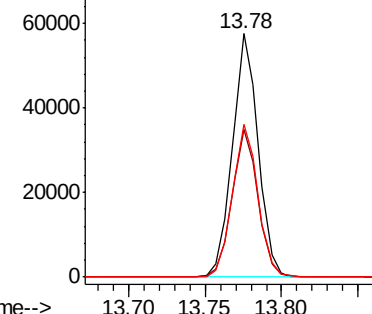
227 62.5 30.9 92.5

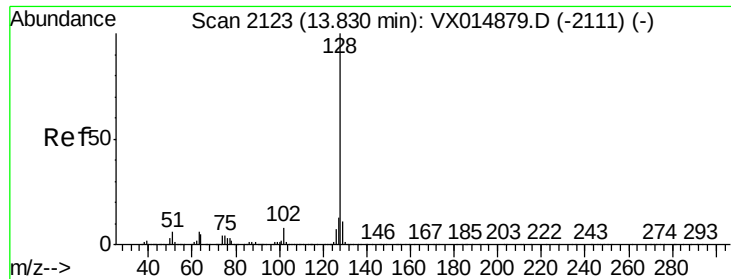


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

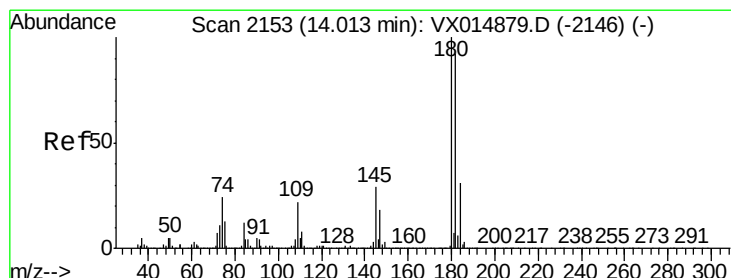
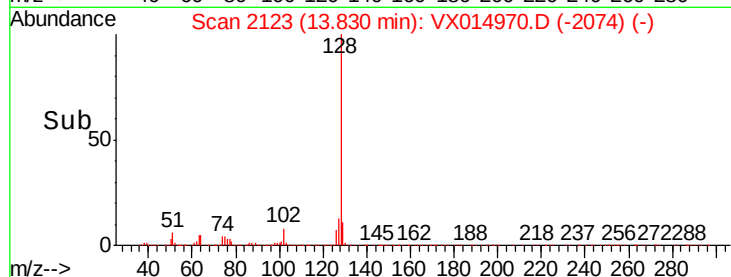
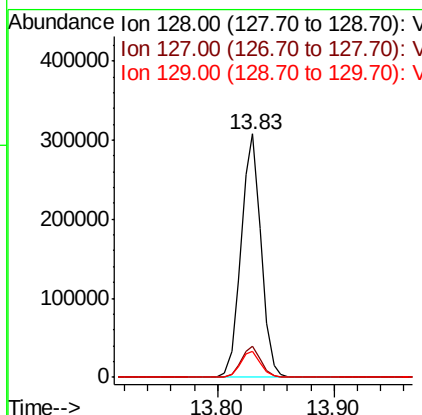
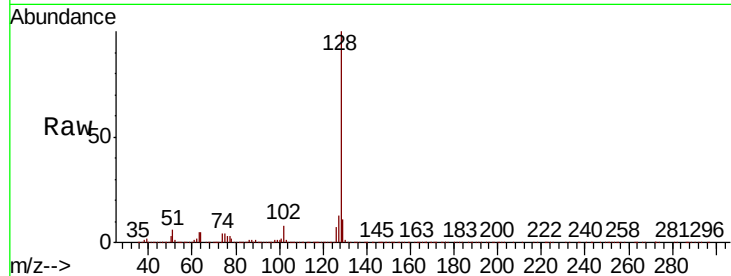




#95
Naphthalene
Concen: 19.198 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.7	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.060 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.5	142.6
145	29.6	14.5	43.5

