

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010620\
 Data File : VX014421.D
 Acq On : 06 Jan 2020 12:35
 Operator : JC/SP
 Sample : VX0106WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 15:57:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	508302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	767551	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	681150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	339772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	276556	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
35) Dibromofluoromethane	5.48	113	233369	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	8.71	98	887043	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	11.13	95	322032	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	69407	15.263	ug/l	100
3) Chloromethane	1.32	50	97806	16.027	ug/l	99
4) Vinyl Chloride	1.40	62	105849	16.438	ug/l	100
5) Bromomethane	1.63	94	65297	14.287	ug/l	99
6) Chloroethane	1.72	64	69129	17.394	ug/l	96
7) Trichlorofluoromethane	1.92	101	146261	18.348	ug/l	99
8) Diethyl Ether	2.18	74	65470	17.500	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89450	18.615	ug/l	98
10) Methyl Iodide	2.50	142	95645	16.923	ug/l	98
11) Tert butyl alcohol	3.02	59	112897	90.695	ug/l	98
12) 1,1-Dichloroethene	2.36	96	86543	17.700	ug/l	96
13) Acrolein	2.28	56	51677	72.523	ug/l	98
14) Allyl chloride	2.72	41	159750	18.299	ug/l	100
15) Acrylonitrile	3.12	53	272531	93.800	ug/l	99
16) Acetone	2.43	43	279380	74.699	ug/l	99
17) Carbon Disulfide	2.56	76	197484	15.080	ug/l	100
18) Methyl Acetate	2.76	43	140450	18.951	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	306923	19.102	ug/l	98
20) Methylene Chloride	2.84	84	104099	17.675	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	92800	17.227	ug/l	97
22) Diisopropyl ether	3.84	45	338133	19.436	ug/l	95
23) Vinyl Acetate	3.80	43	1390541	97.947	ug/l	100
24) 1,1-Dichloroethane	3.69	63	176497	18.235	ug/l	100
25) 2-Butanone	4.65	43	401849	87.149	ug/l	97
26) 2,2-Dichloropropane	4.57	77	140674	18.719	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	112099	18.401	ug/l	99
28) Bromochloromethane	5.00	49	81345	22.108	ug/l	99
29) Tetrahydrofuran	5.11	42	240582	93.282	ug/l	99
30) Chloroform	5.20	83	175475	19.124	ug/l	97
31) Cyclohexane	5.57	56	150593	17.494	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	147522	18.865	ug/l	98
36) 1,1-Dichloropropene	5.79	75	125315	17.794	ug/l	98
37) Ethyl Acetate	4.81	43	145157	18.665	ug/l	98
38) Carbon Tetrachloride	5.77	117	122179	19.043	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010620\
 Data File : VX014421.D
 Acq On : 06 Jan 2020 12:35
 Operator : JC/SP
 Sample : VX0106WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 15:57:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	154190	17.731	ug/l	97
40) Benzene	6.13	78	398441	18.387	ug/l	98
41) Methacrylonitrile	5.02	41	82533	19.126	ug/l	97
42) 1,2-Dichloroethane	6.18	62	141925	19.321	ug/l	99
43) Isopropyl Acetate	6.43	43	246047	19.117	ug/l	99
44) Trichloroethene	7.20	130	111683	18.659	ug/l	95
45) 1,2-Dichloropropane	7.50	63	105406	18.978	ug/l	99
46) Dibromomethane	7.65	93	66545	18.122	ug/l	98
47) Bromodichloromethane	7.89	83	134778	19.488	ug/l	98
48) Methyl methacrylate	7.76	41	118500	18.802	ug/l	98
49) 1,4-Dioxane	7.73	88	49657	387.168	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	756183	93.551	ug/l	100
52) Toluene	8.78	92	251328	18.350	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	146398	19.305	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	164363	19.455	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	103452	18.845	ug/l	99
56) Ethyl methacrylate	9.17	69	163629	18.976	ug/l	98
57) 1,3-Dichloropropane	9.36	76	175947	19.050	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	314603	96.407	ug/l	100
59) 2-Hexanone	9.48	43	570453	87.669	ug/l	99
60) Dibromochloromethane	9.57	129	106741	19.562	ug/l	98
61) 1,2-Dibromoethane	9.67	107	107266	19.098	ug/l	99
64) Tetrachloroethene	9.33	164	118841	19.717	ug/l	98
65) Chlorobenzene	10.13	112	278691	19.243	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	101467	19.621	ug/l	100
67) Ethyl Benzene	10.25	91	475157	19.083	ug/l	100
68) m/p-Xylenes	10.36	106	364229	38.033	ug/l	100
69) o-Xylene	10.69	106	177331	18.880	ug/l	100
70) Styrene	10.71	104	301908	19.009	ug/l	99
71) Bromoform	10.85	173	79770	19.190	ug/l #	98
73) Isopropylbenzene	11.01	105	479787	20.056	ug/l	100
74) N-amyl acetate	10.89	43	206415	18.408	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	156242	18.839	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	176968	23.991	ug/l	91
77) Bromobenzene	11.25	156	123670	18.789	ug/l	100
78) n-propylbenzene	11.35	91	530681	19.777	ug/l	100
79) 2-Chlorotoluene	11.42	91	319521	19.589	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	396370	19.687	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47629	18.225	ug/l	92
82) 4-Chlorotoluene	11.51	91	366511	19.371	ug/l	100
83) tert-Butylbenzene	11.76	119	381813	19.487	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	398147	19.747	ug/l	99
85) sec-Butylbenzene	11.94	105	462232	19.984	ug/l	100
86) p-Isopropyltoluene	12.06	119	424569	20.067	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	217494	18.854	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	220758	18.821	ug/l	100
89) n-Butylbenzene	12.39	91	353342	19.572	ug/l	99
90) Hexachloroethane	12.59	117	74792	19.680	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	216768	18.667	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32890	17.920	ug/l	99

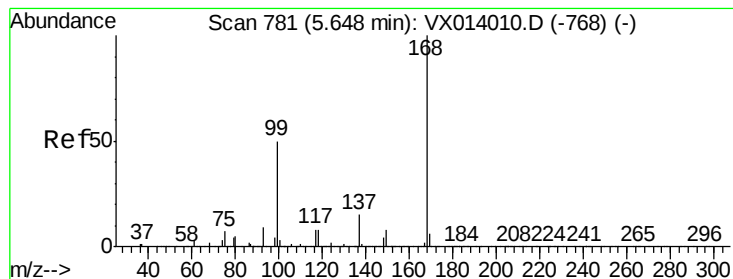
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010620\
Data File : VX014421.D
Acq On : 06 Jan 2020 12:35
Operator : JC/SP
Sample : VX0106WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 06 15:57:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	146114	19.359	ug/l	99
94) Hexachlorobutadiene	13.78	225	74843	20.633	ug/l	99
95) Naphthalene	13.83	128	419052	18.897	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	146203	19.623	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

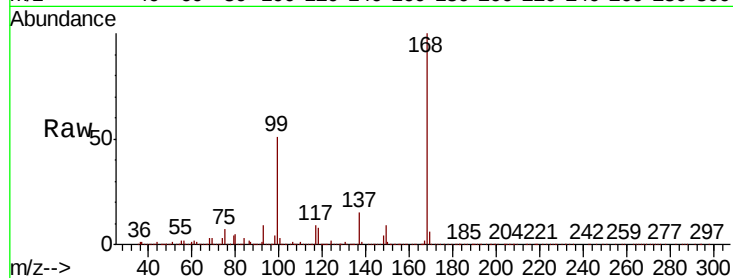
ClientSampleId :

Tot Ion:168 Resp: 508302

Ion Ratio Lower Upper

168 100

99 50.4 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

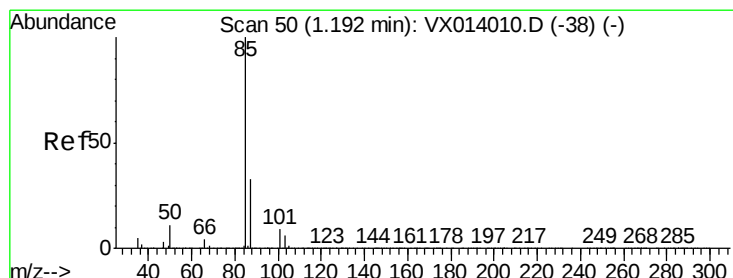
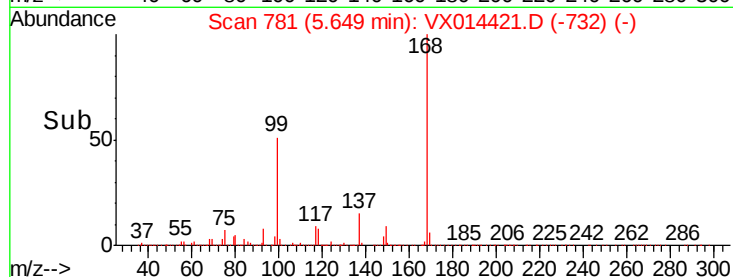
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.263 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014421.D

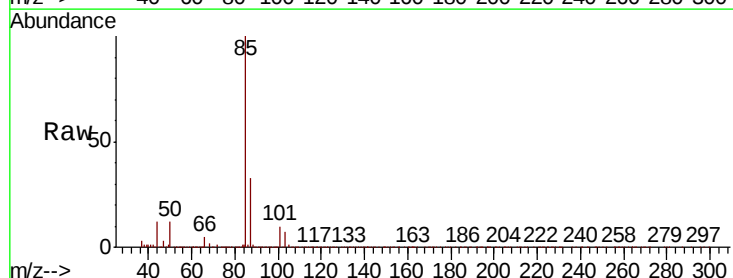
Acq: 06 Jan 2020 12:35

Tgt Ion: 85 Resp: 69407

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

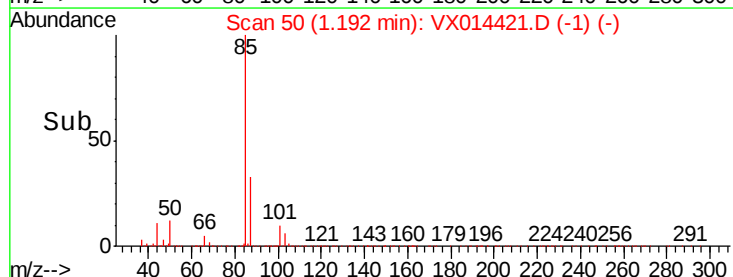
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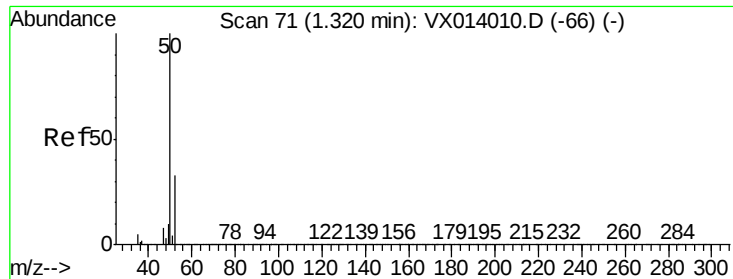
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Time-->

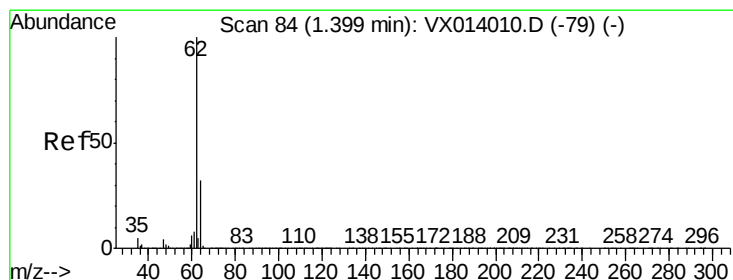
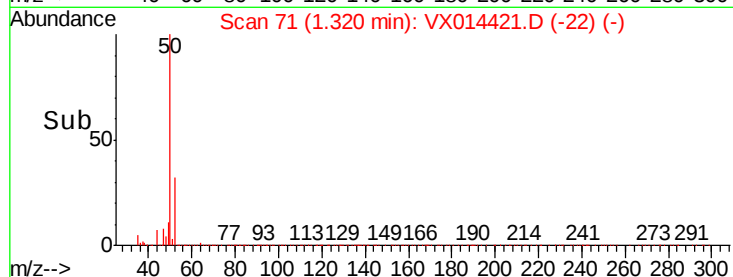
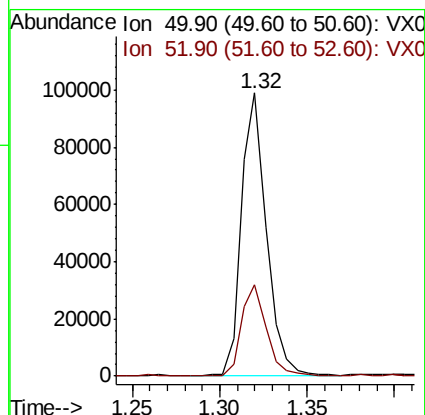
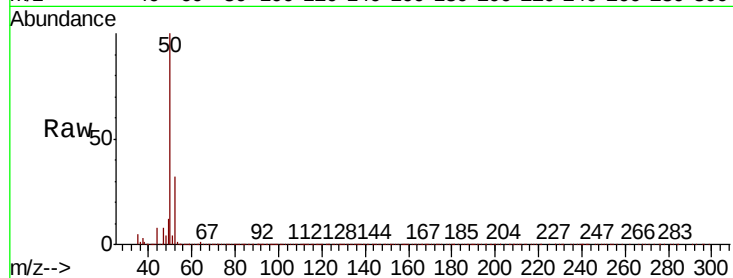




#3
Chloromethane
Concen: 16.027 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

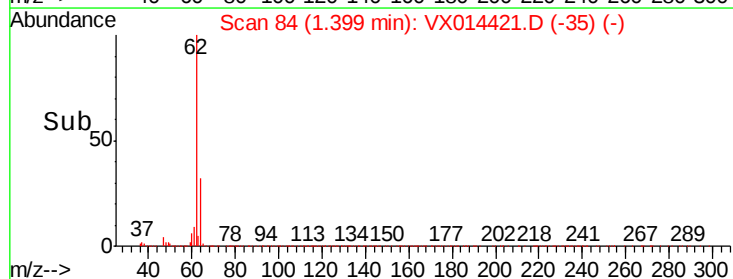
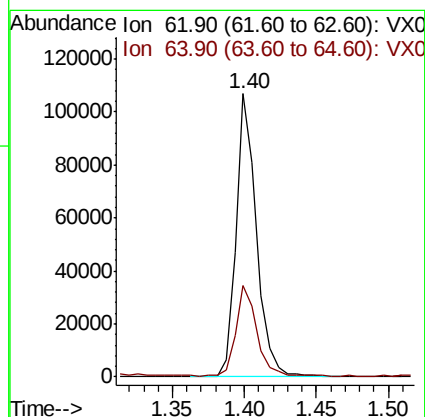
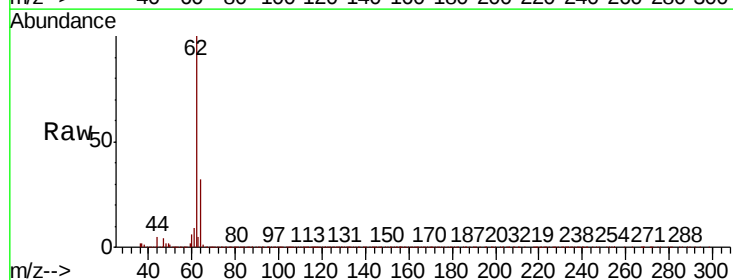
Instrument :
MSVOA_X
ClientSampleId :

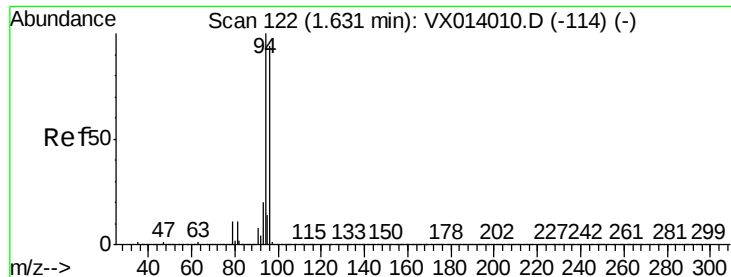
Tot Ion: 50 Resp: 97806
Ion Ratio Lower Upper
50 100
52 32.0 26.2 39.4



#4
Vinyl Chloride
Concen: 16.438 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion: 62 Resp: 105849
Ion Ratio Lower Upper
62 100
64 32.0 25.7 38.5





#5

Bromomethane

Concen: 14.287 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

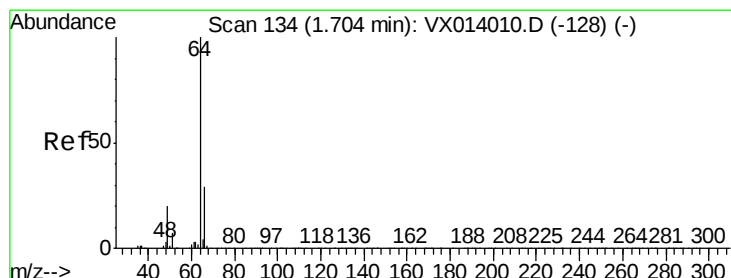
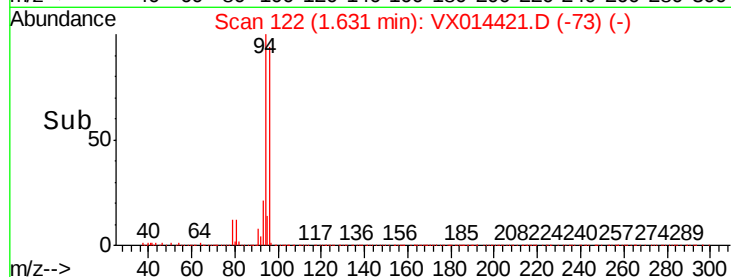
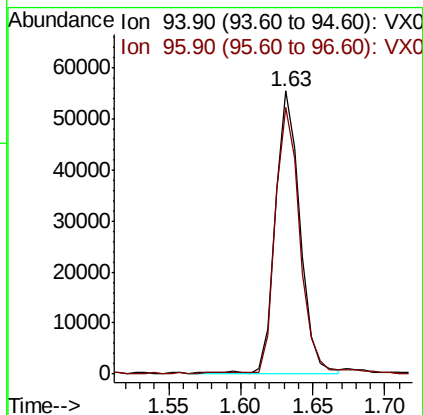
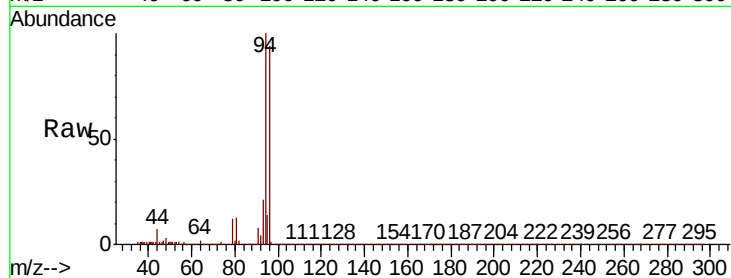
ClientSampleId :

Tot Ion: 94 Resp: 65297

Ion Ratio Lower Upper

94 100

96 94.7 75.2 112.8



#6

Chloroethane

Concen: 17.394 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014421.D

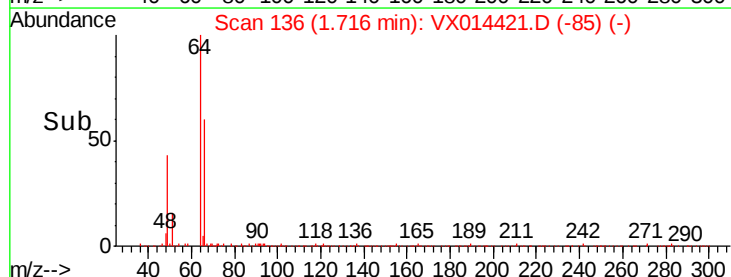
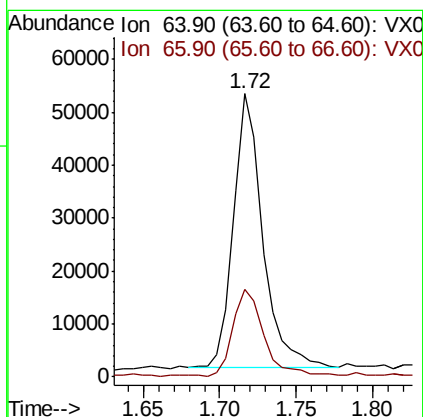
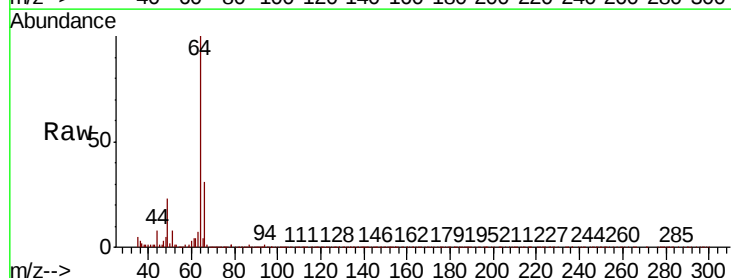
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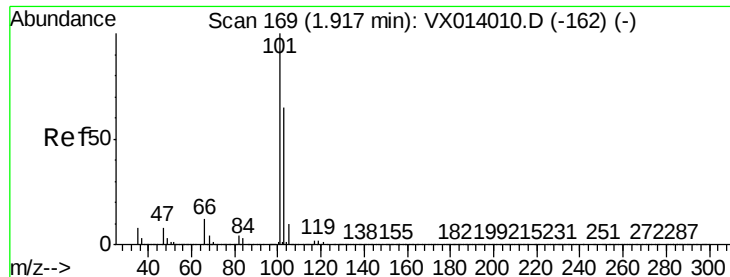
Tgt Ion: 64 Resp: 69129

Ion Ratio Lower Upper

64 100

66 31.4 23.4 35.2



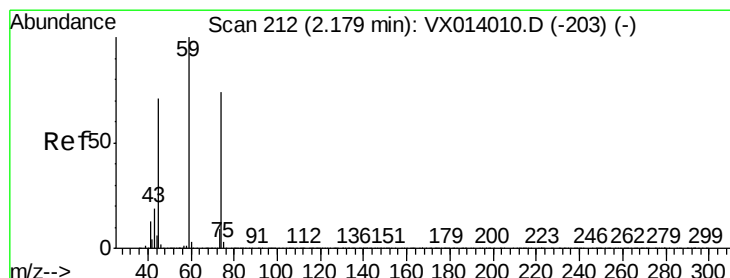
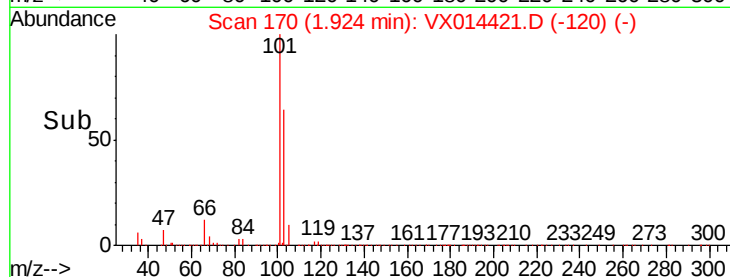
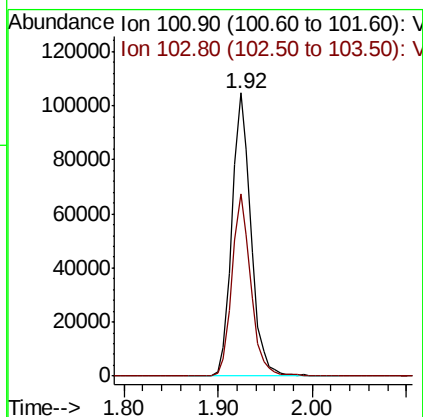
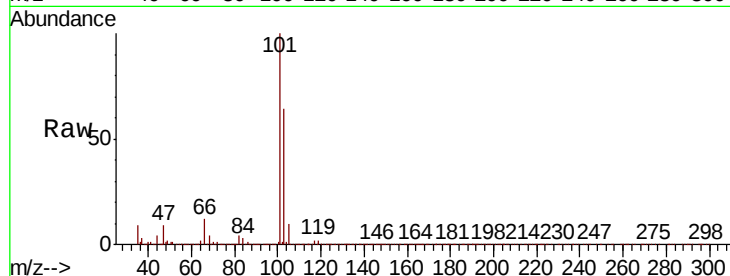


#7

Trichlorofluoromethane
Concen: 18.348 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :

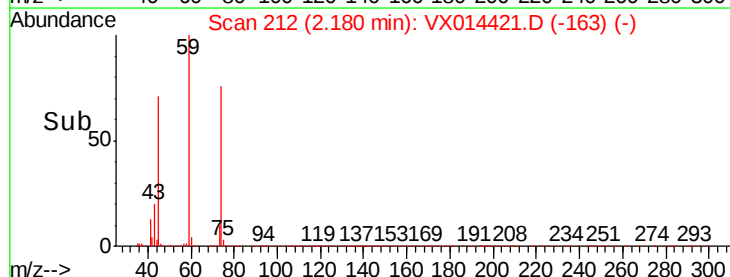
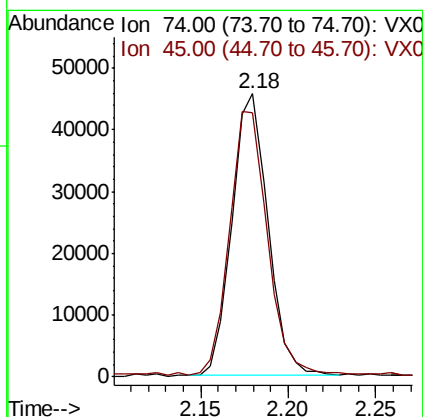
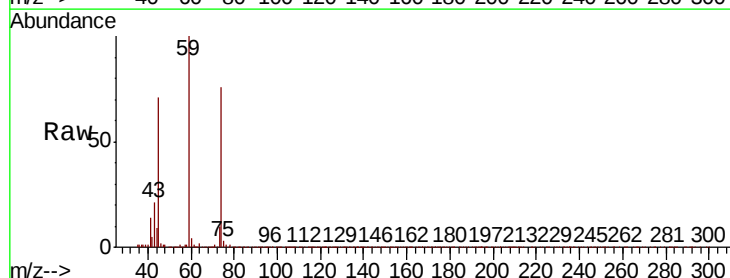
Tot Ion:101 Resp: 146261
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.4

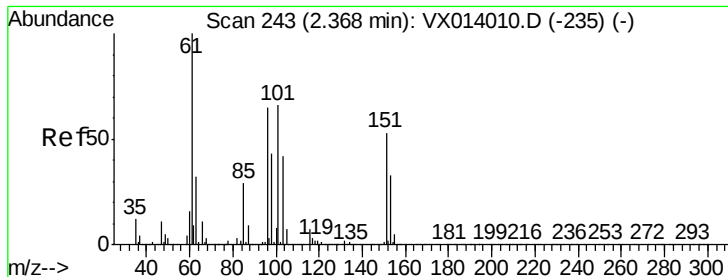


#8

Diethyl Ether
Concen: 17.500 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion: 74 Resp: 65470
Ion Ratio Lower Upper
74 100
45 99.1 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.615 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

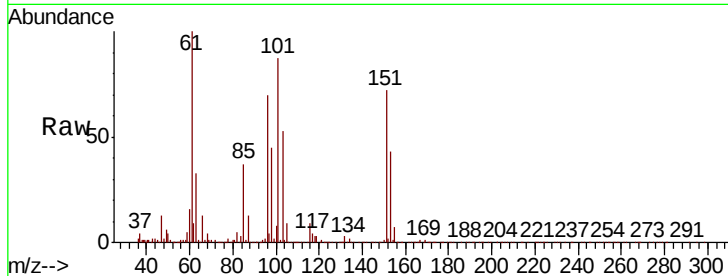
Tot Ion:101 Resp: 89450

Ion Ratio Lower Upper

101 100

85 40.8 33.7 50.5

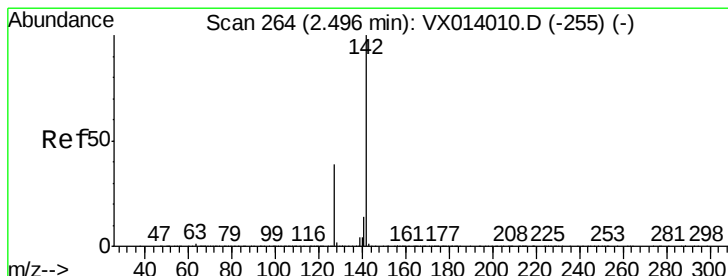
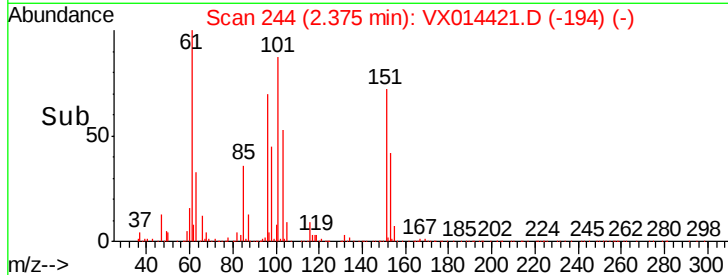
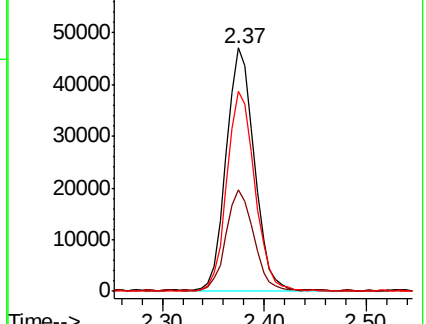
151 82.0 64.5 96.7



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: 16.923 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

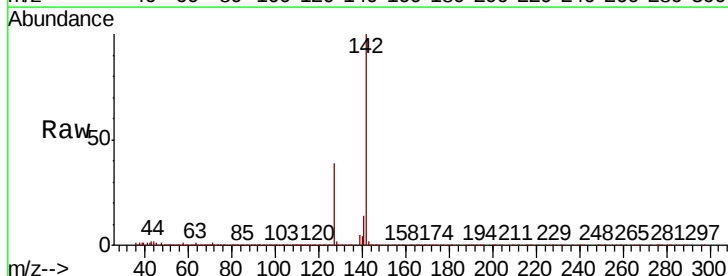
Tgt Ion:142 Resp: 95645

Ion Ratio Lower Upper

142 100

127 38.4 31.6 47.4

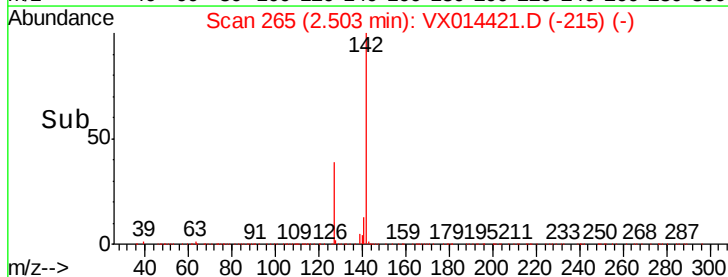
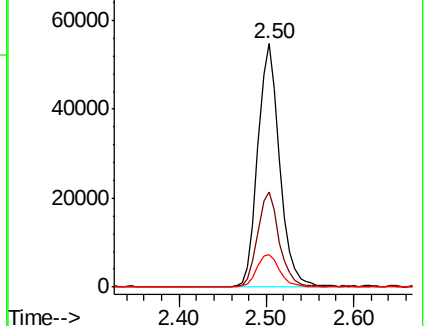
141 14.2 11.6 17.4

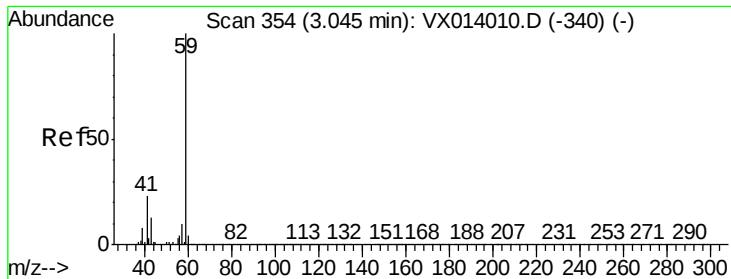


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



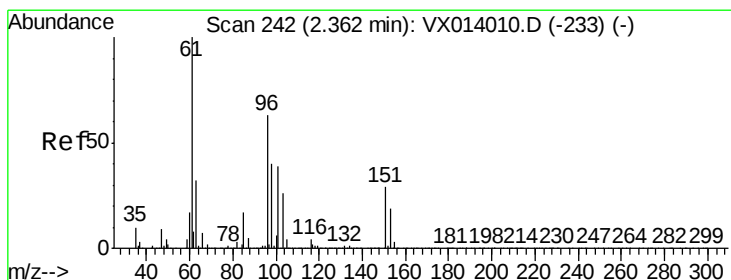
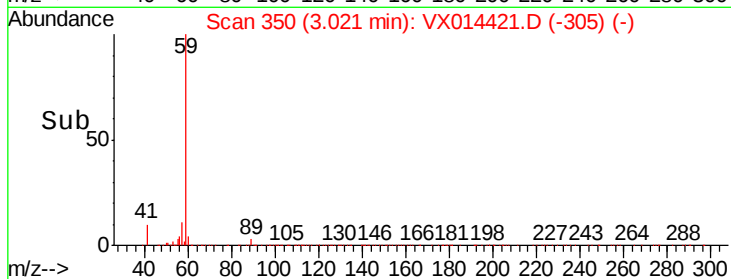
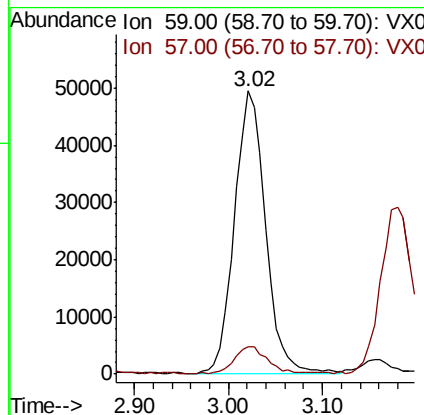
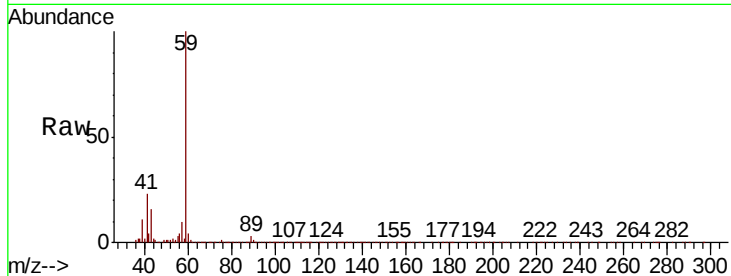


#11

Tert butyl alcohol
Concen: 90.695 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampled :

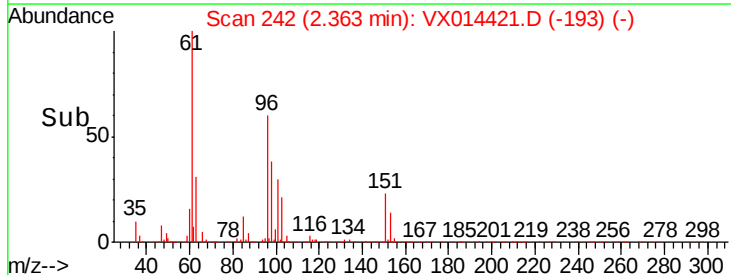
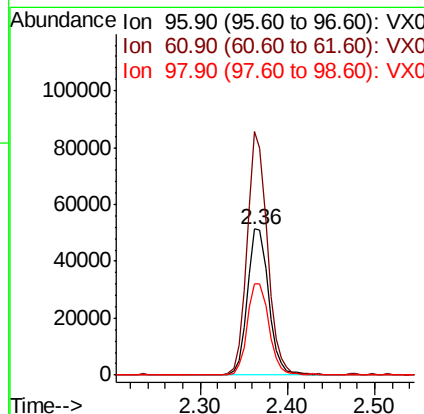
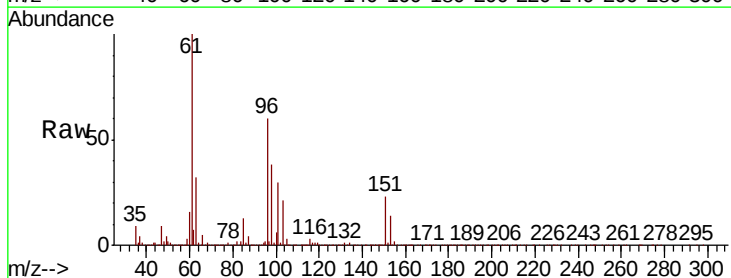
Tot Ion: 59 Resp: 112897
Ion Ratio Lower Upper
59 100
57 11.1 8.4 12.6

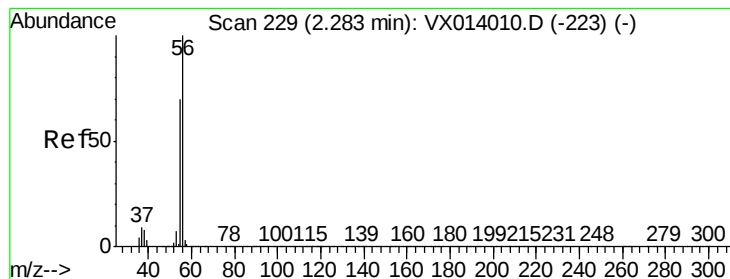


#12

1,1-Dichloroethene
Concen: 17.700 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion: 96 Resp: 86543
Ion Ratio Lower Upper
96 100
61 166.6 127.9 191.9
98 62.6 50.5 75.7





#13

Acrolein

Concen: 72.523 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

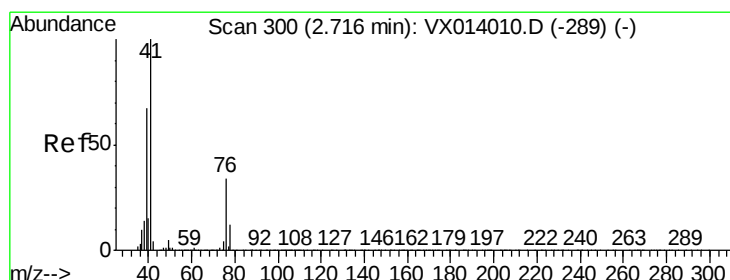
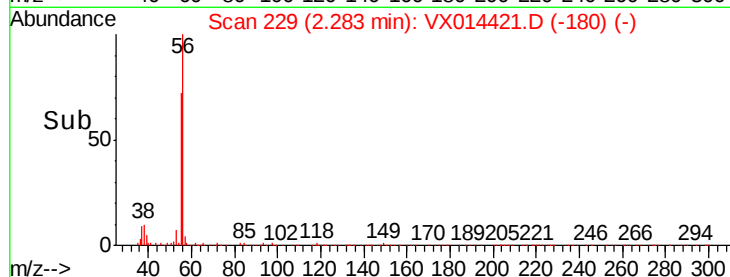
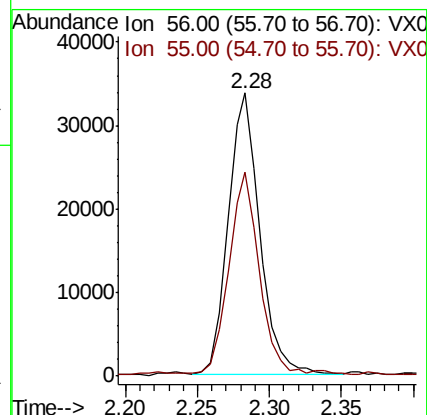
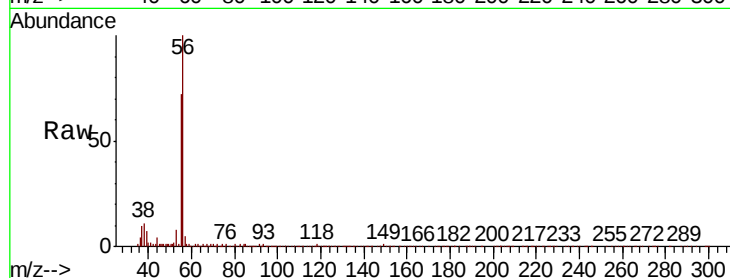
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 51677

Ion Ratio Lower Upper

56 100

55 69.3 56.9 85.3



#14

Allyl chloride

Concen: 18.299 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

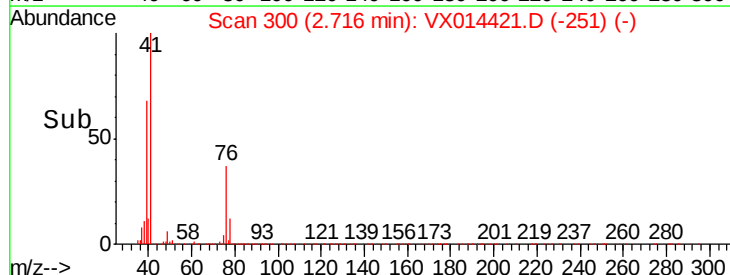
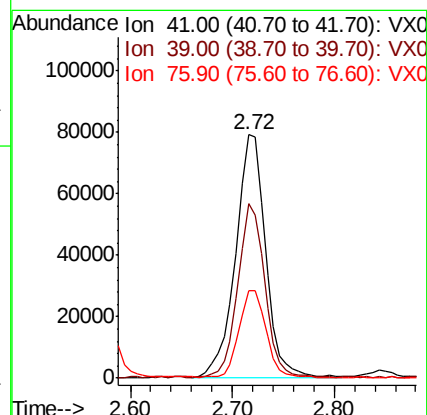
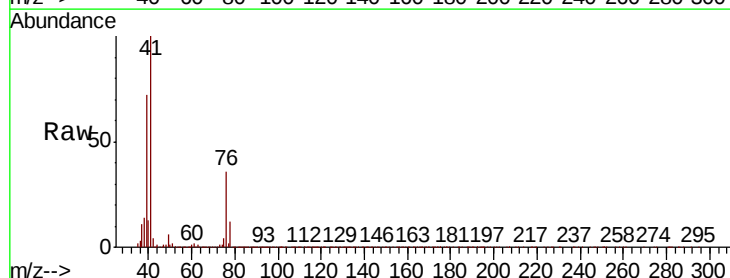
Tgt Ion: 41 Resp: 159750

Ion Ratio Lower Upper

41 100

39 64.6 51.8 77.8

76 32.3 25.9 38.9





#15

Acrylonitrile

Concen: 93.800 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

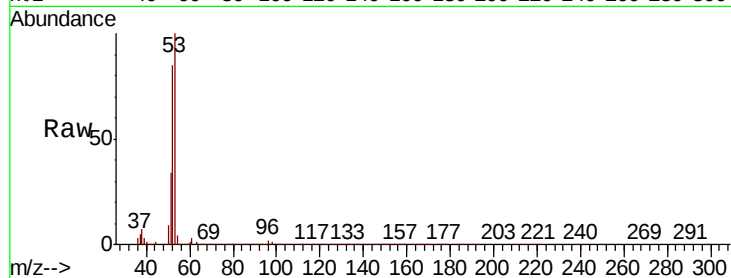
Tot Ion: 53 Resp: 272531

Ion Ratio Lower Upper

53 100

52 82.2 66.5 99.7

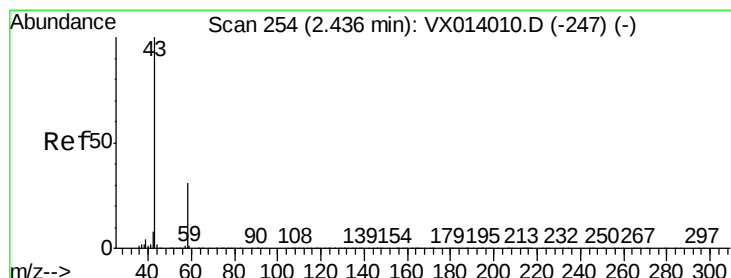
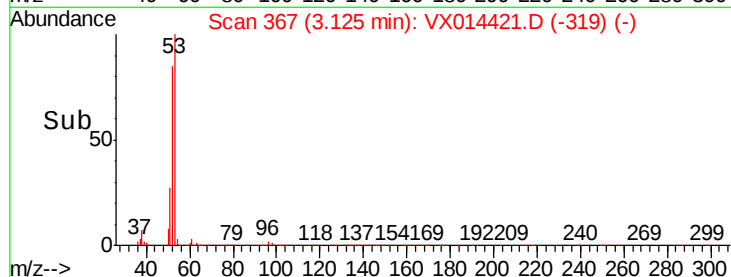
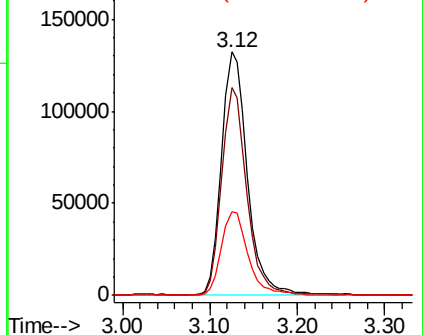
51 35.3 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 74.699 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014421.D

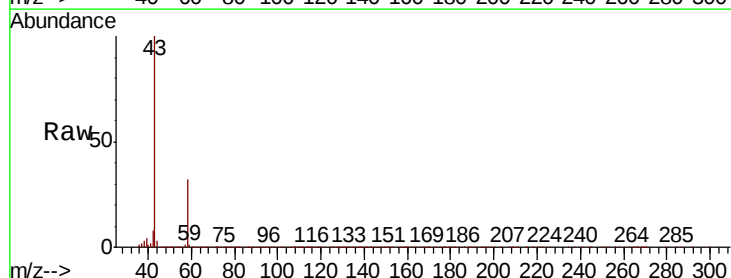
Acq: 06 Jan 2020 12:35

Tgt Ion: 43 Resp: 279380

Ion Ratio Lower Upper

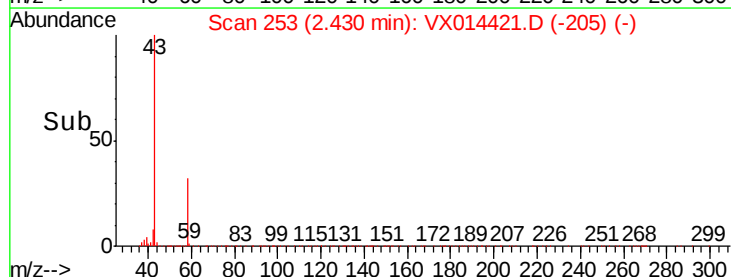
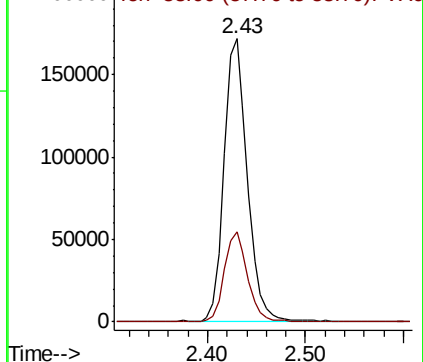
43 100

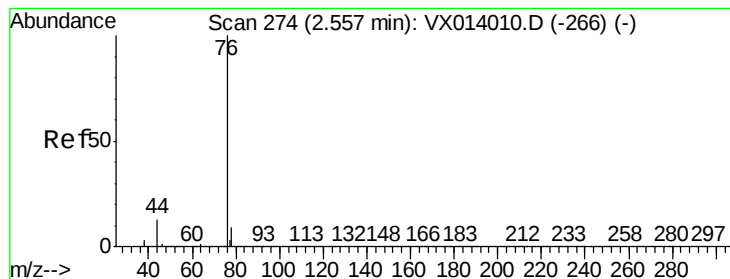
58 31.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.080 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

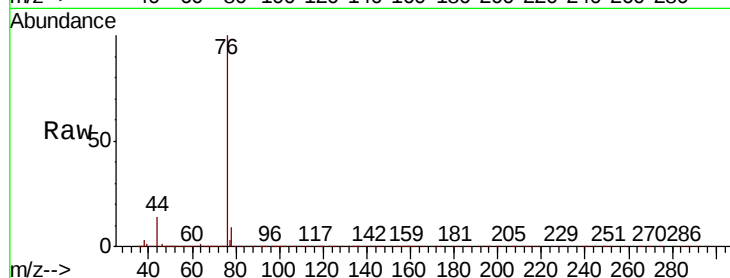
ClientSampleId :

Tot Ion: 76 Resp: 197484

Ion Ratio Lower Upper

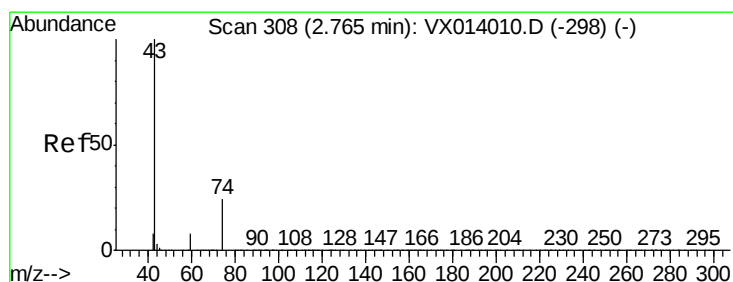
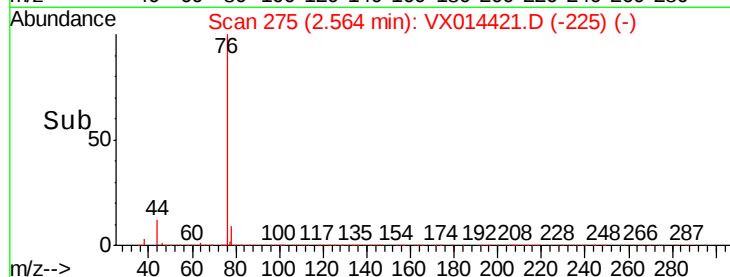
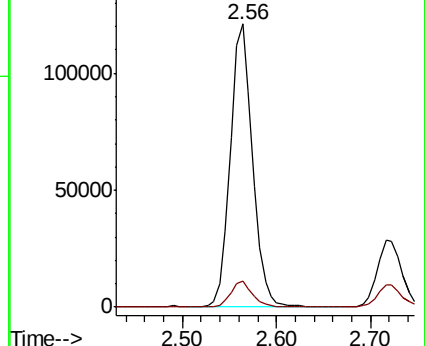
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.951 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014421.D

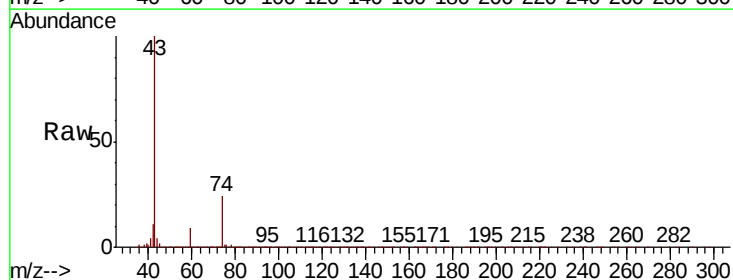
Acq: 06 Jan 2020 12:35

Tgt Ion: 43 Resp: 140450

Ion Ratio Lower Upper

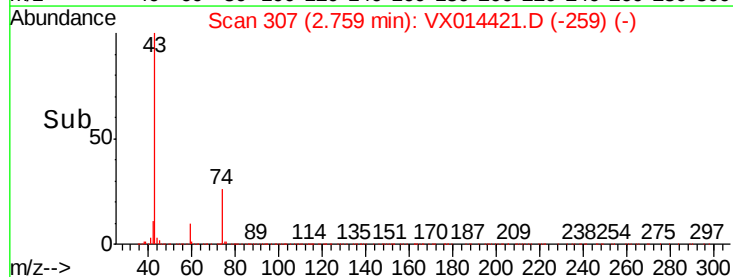
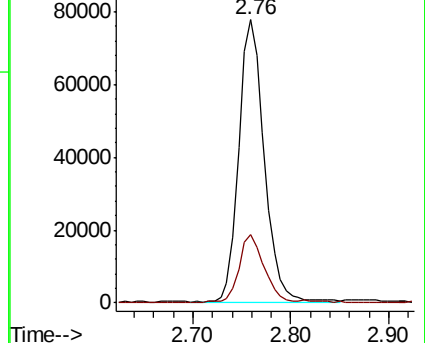
43 100

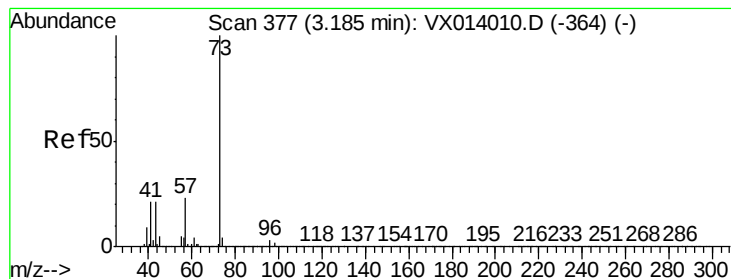
74 24.7 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



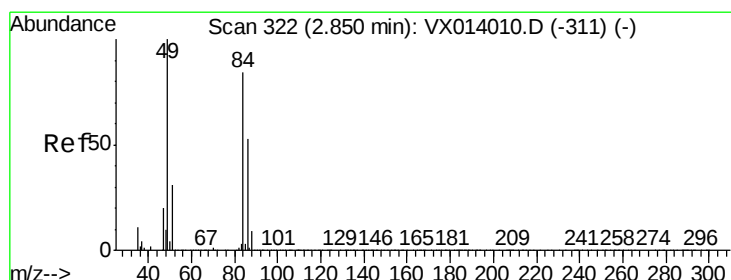
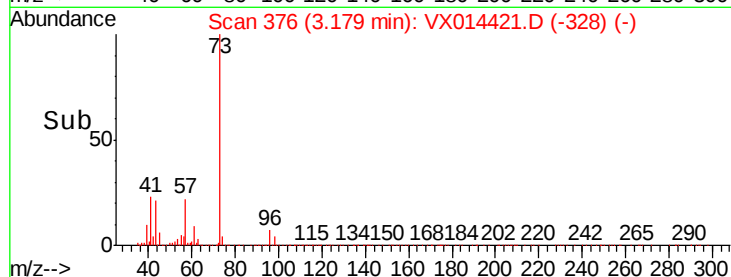
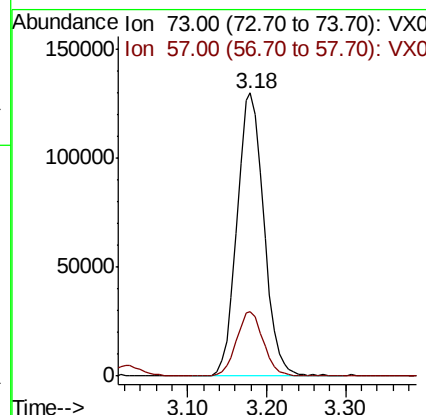
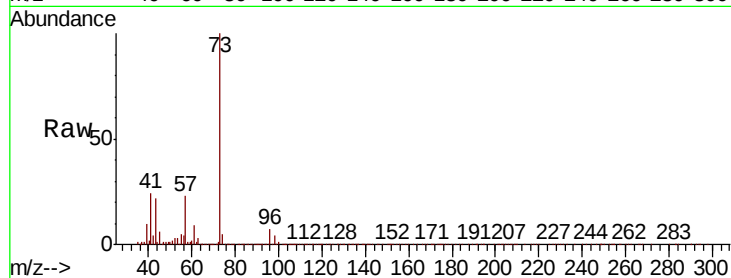


#19

Methyl tert-butyl Ether
 Concen: 19.102 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014421.D
 Acq: 06 Jan 2020 12:35

Instrument :
 MSVOA_X
 ClientSampled :

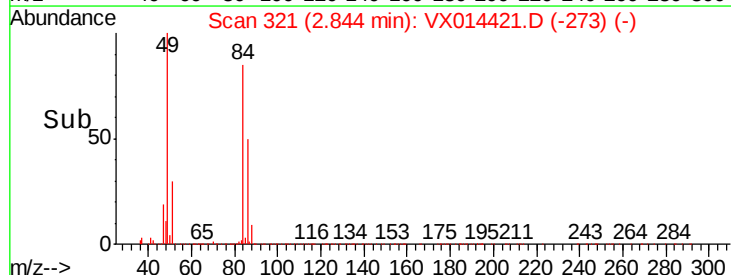
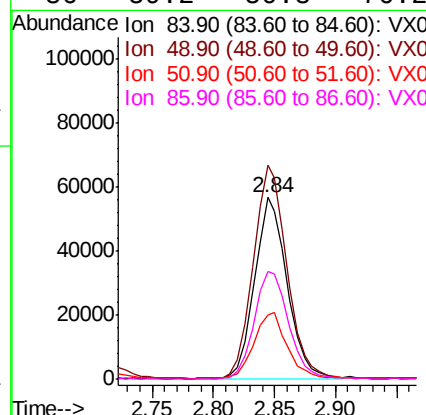
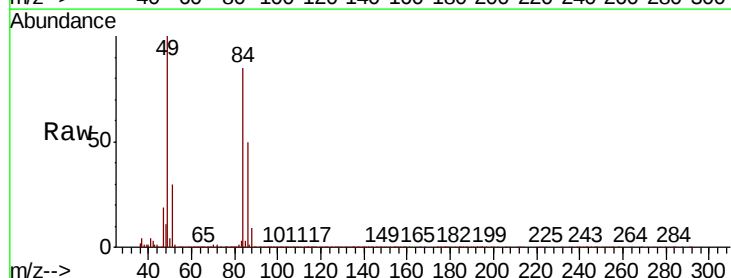
Tot Ion: 73 Resp: 306923
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.8 28.2



#20

Methylene Chloride
 Concen: 17.675 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014421.D
 Acq: 06 Jan 2020 12:35

Tgt Ion: 84 Resp: 104099
 Ion Ratio Lower Upper
 84 100
 49 118.0 95.8 143.6
 51 35.2 29.8 44.8
 86 59.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 17.227 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :

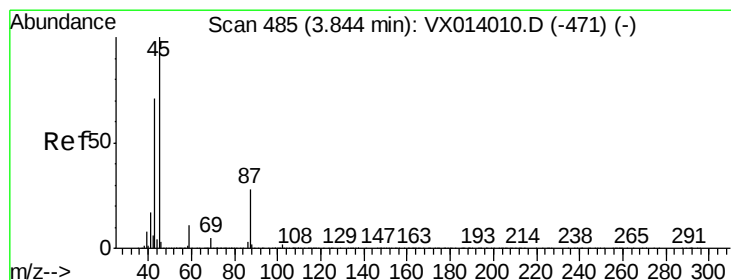
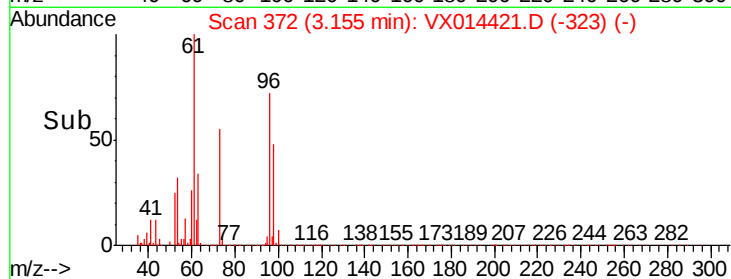
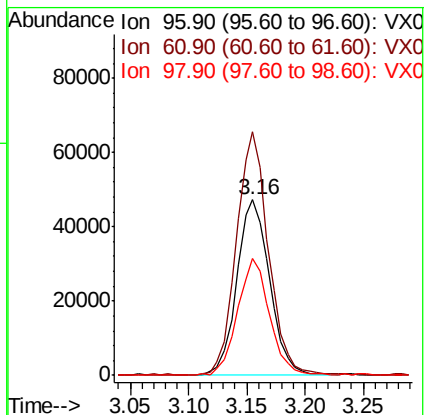
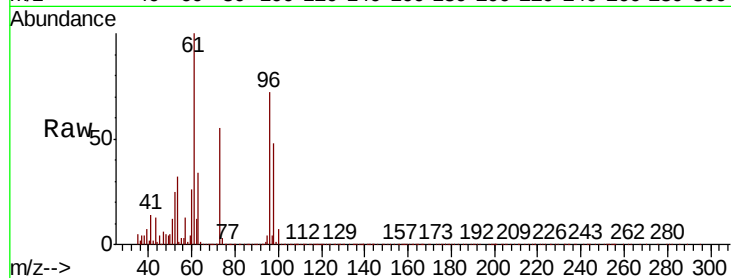
Tot Ion: 96 Resp: 92800

Ion Ratio Lower Upper

96 100

61 138.5 108.3 162.5

98 66.1 50.8 76.2



#22

Diisopropyl ether

Concen: 19.436 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Tgt Ion: 45 Resp: 338133

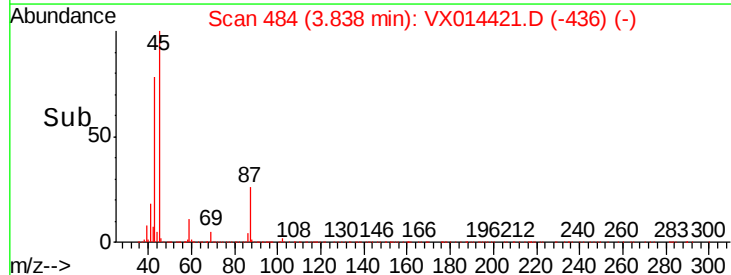
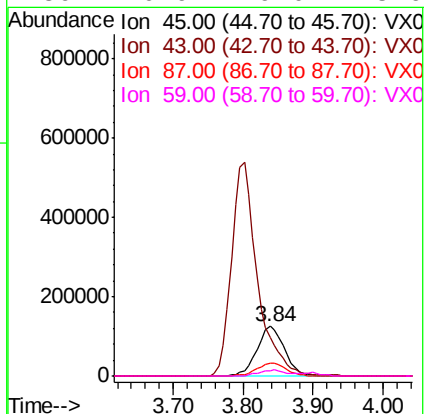
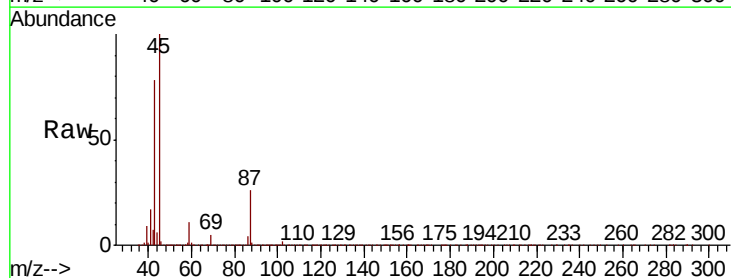
Ion Ratio Lower Upper

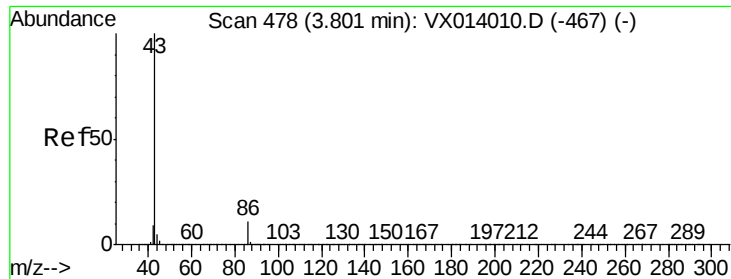
45 100

43 77.5 57.4 86.0

87 26.1 21.9 32.9

59 10.9 9.0 13.6





#23

Vinyl Acetate

Concen: 97.947 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

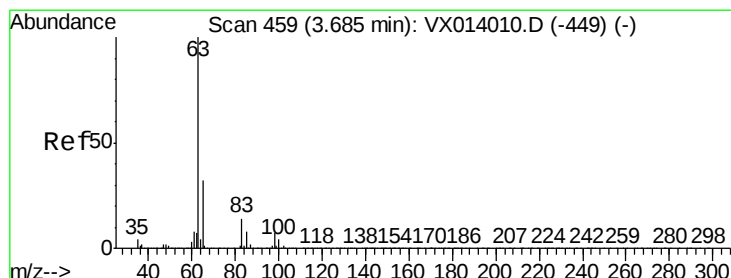
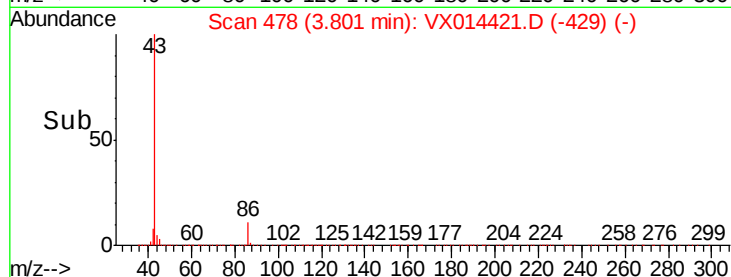
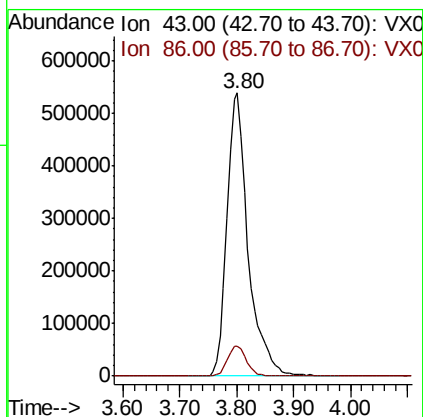
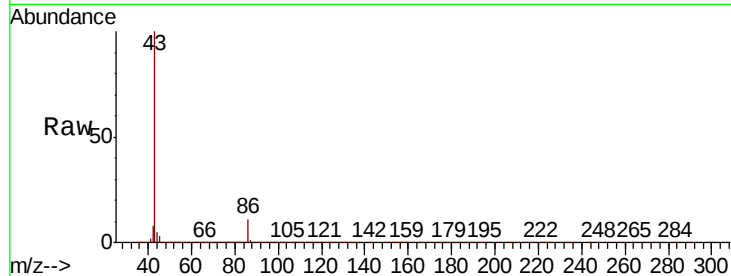
ClientSampled :

Tot Ion: 43 Resp: 1390541

Ion Ratio Lower Upper

43 100

86 10.7 8.6 12.8



#24

1,1-Dichloroethane

Concen: 18.235 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

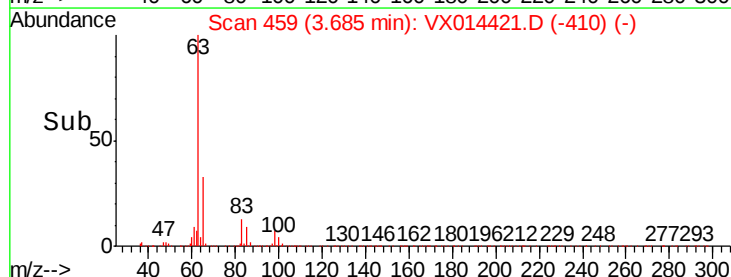
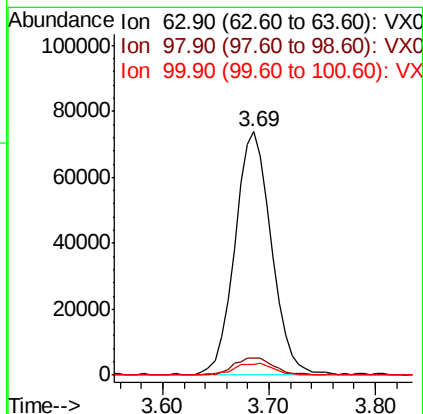
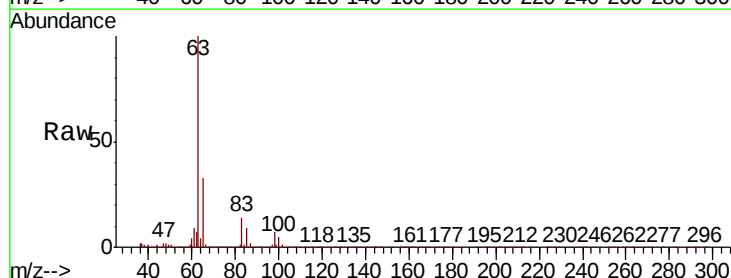
Tgt Ion: 63 Resp: 176497

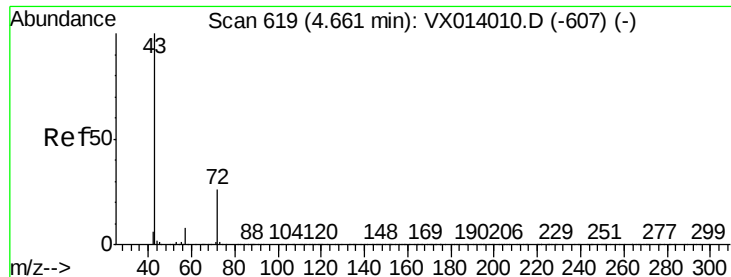
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 87.149 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

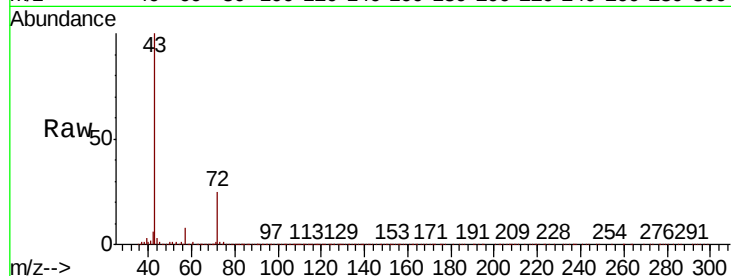
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 401849

Ion Ratio Lower Upper

43 100

72 24.9 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

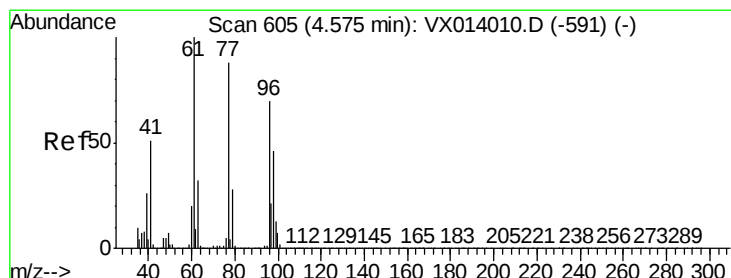
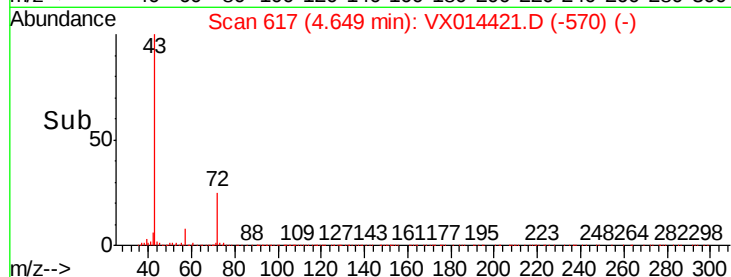
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.719 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014421.D

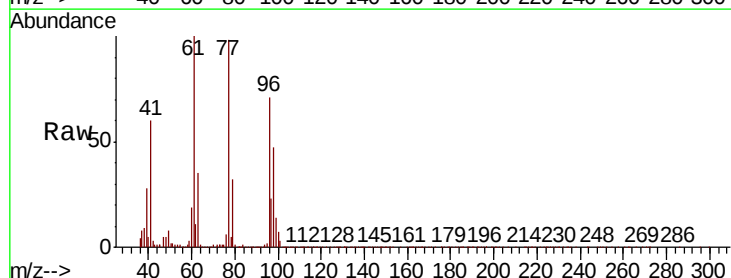
Acq: 06 Jan 2020 12:35

Tgt Ion: 77 Resp: 140674

Ion Ratio Lower Upper

77 100

97 24.3 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

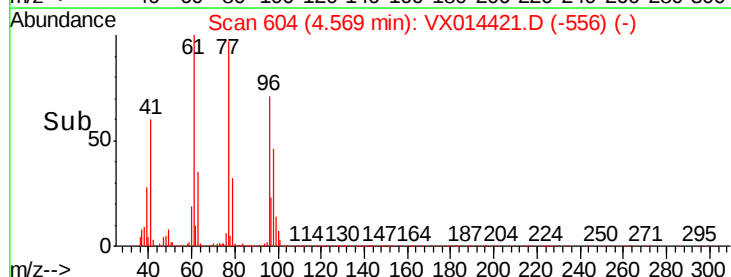
20000

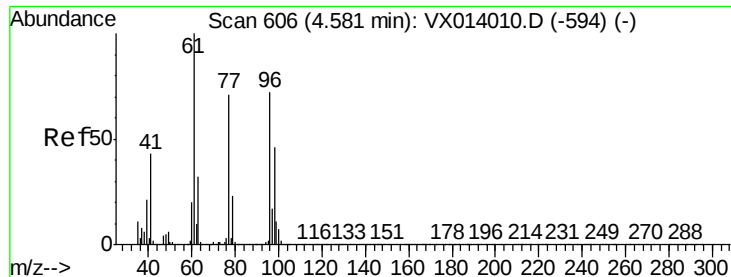
10000

0

4.40 4.50 4.60 4.70

Time-->



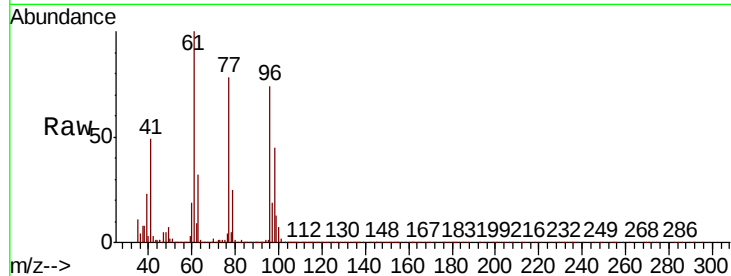


#27

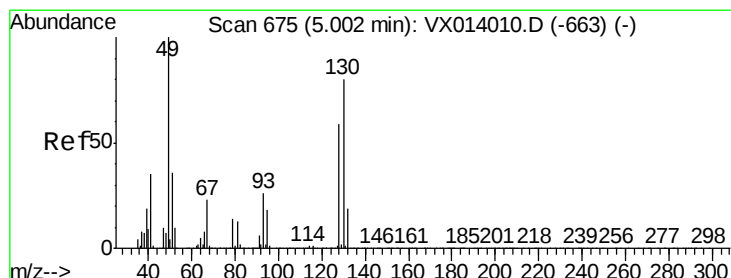
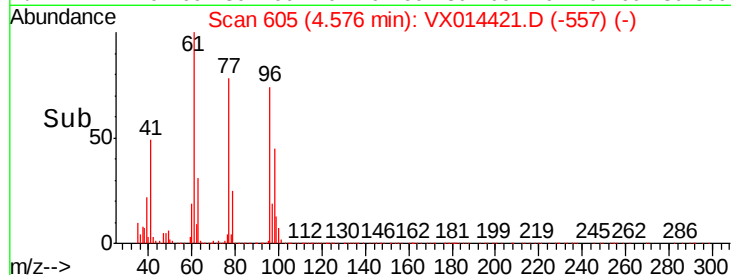
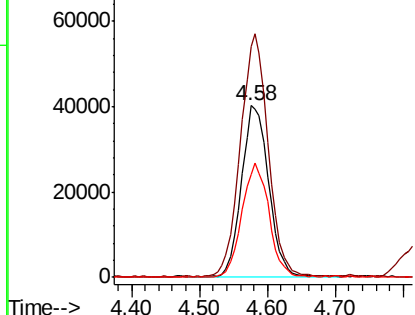
cis-1,2-Dichloroethene
Concen: 18.401 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	288.4
98	65.9	0.0	129.6



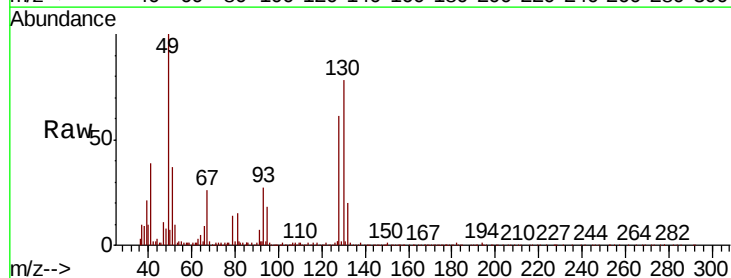
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



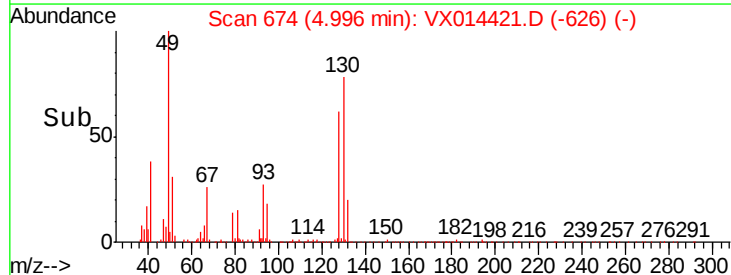
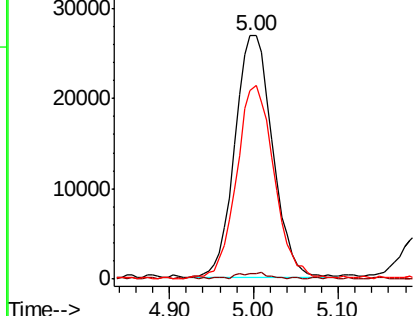
#28

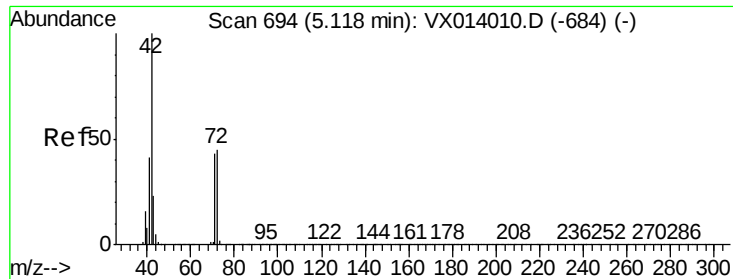
Bromochloromethane
Concen: 22.108 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	79.6	64.6	97.0



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

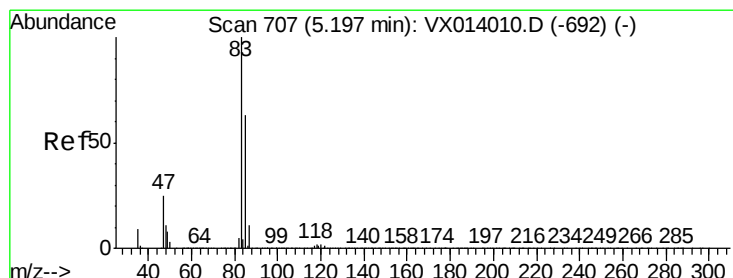
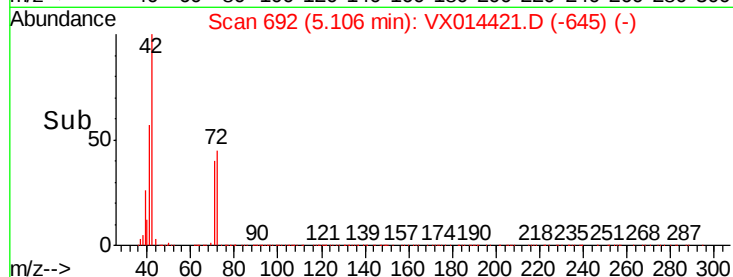
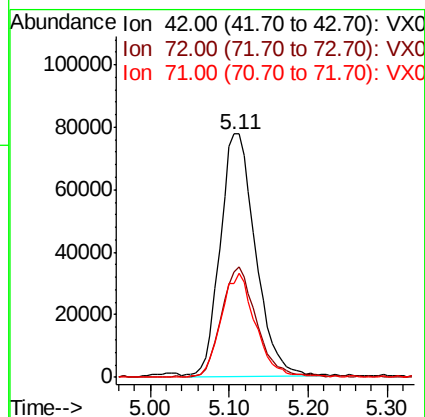
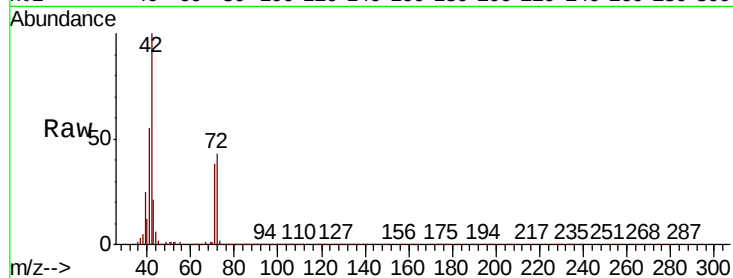




#29
Tetrahydrofuran
Concen: 93.282 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

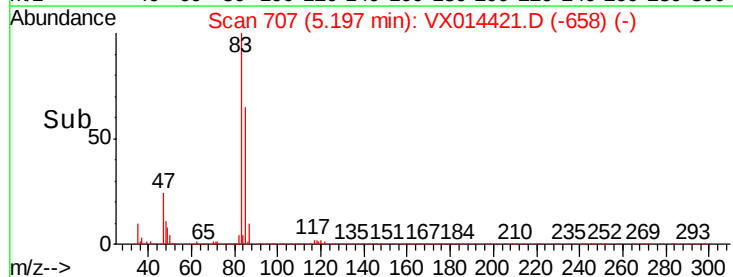
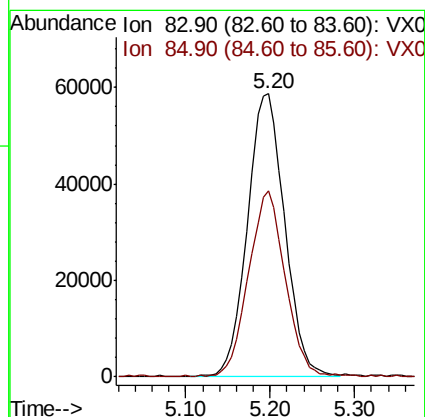
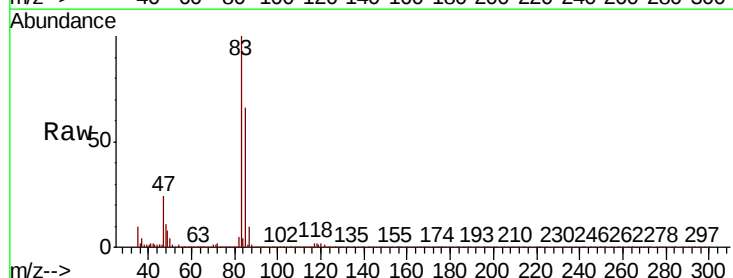
Instrument :
MSVOA_X
ClientSampleId :

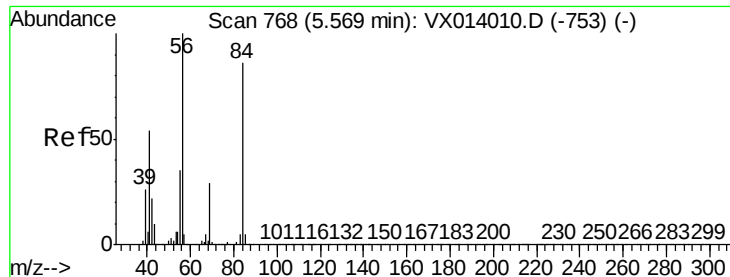
Tot Ion: 42 Resp: 240582
Ion Ratio Lower Upper
42 100
72 45.3 35.8 53.8
71 42.2 33.6 50.4



#30
Chloroform
Concen: 19.124 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion: 83 Resp: 175475
Ion Ratio Lower Upper
83 100
85 65.7 50.8 76.2

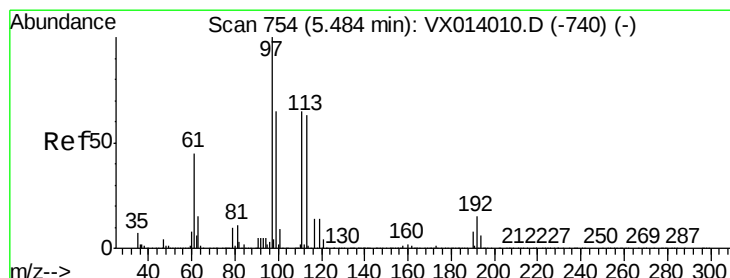
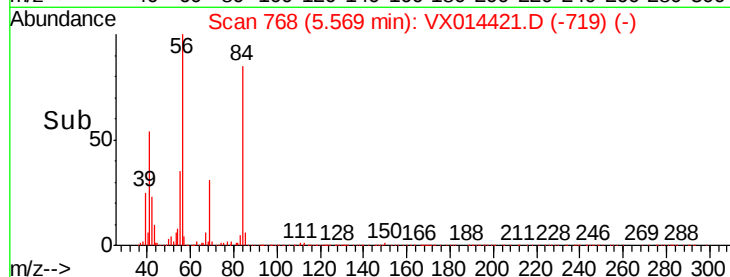
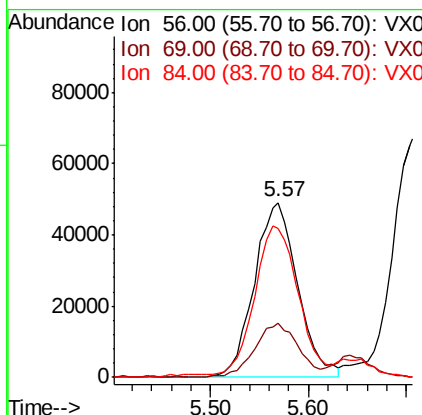
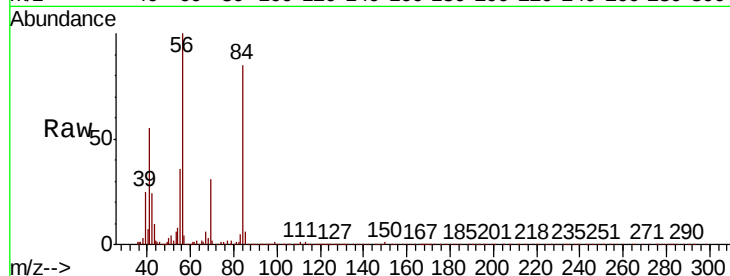




#31
Cyclohexane
Concen: 17.494 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

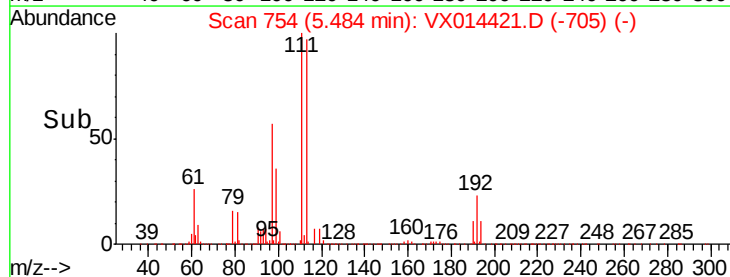
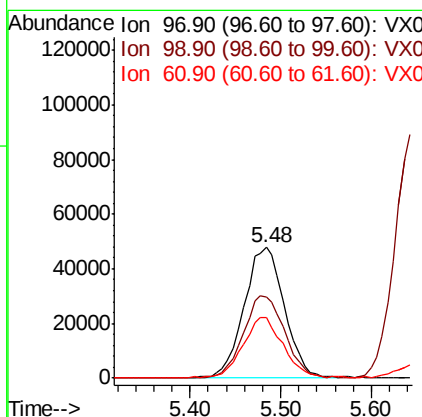
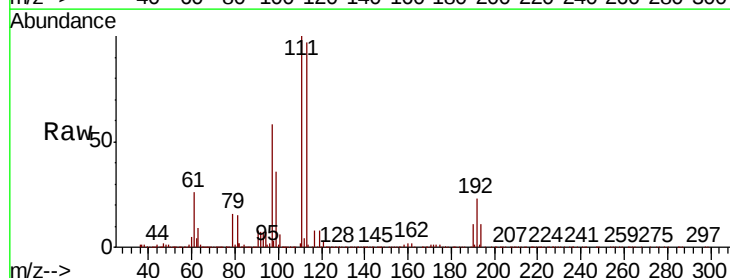
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 150593
Ion Ratio Lower Upper
56 100
69 30.8 23.2 34.8
84 83.7 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 18.865 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion: 97 Resp: 147522
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 44.3 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 48.006 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

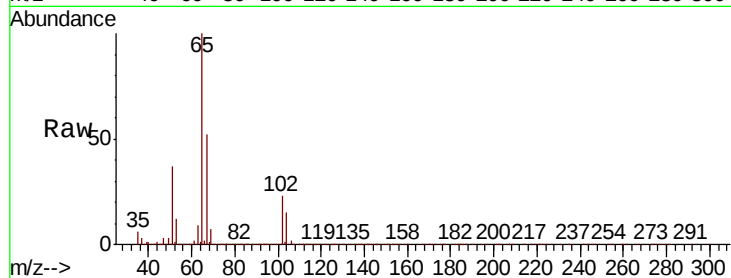
ClientSampleId :

Tot Ion: 65 Resp: 276556

Ion Ratio Lower Upper

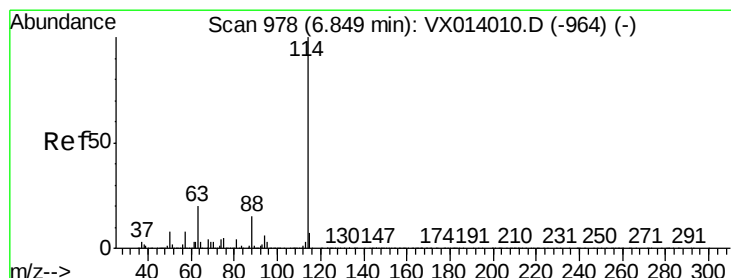
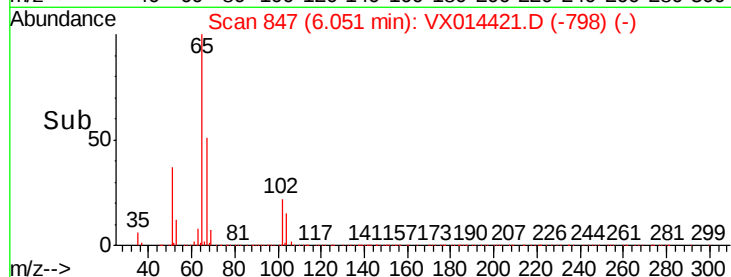
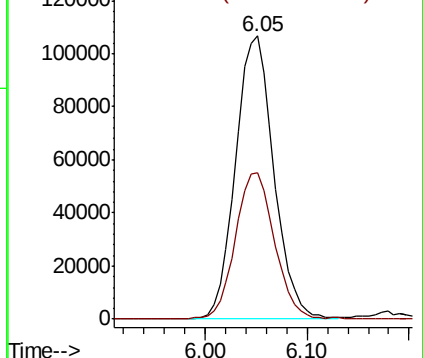
65 100

67 53.4 0.0 106.4



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: VX014421.D

Acq: 06 Jan 2020 12:35

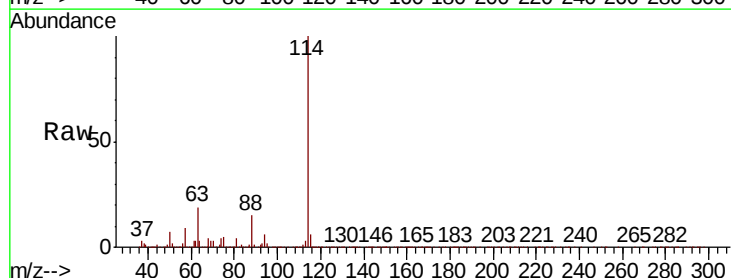
Tgt Ion: 114 Resp: 767551

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.8

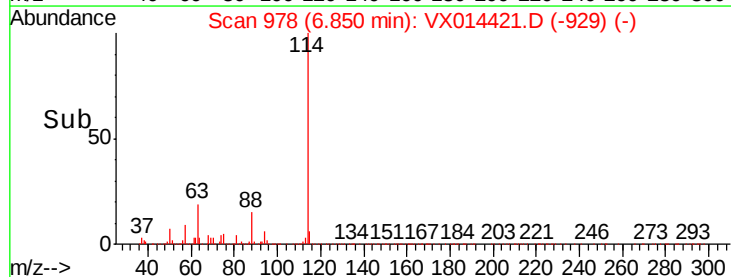
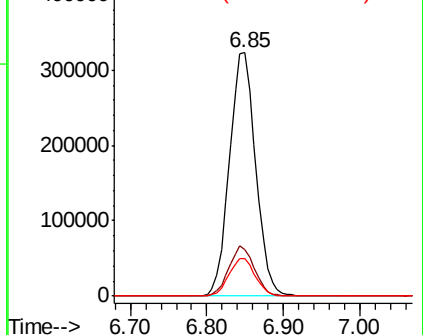
88 15.3 0.0 30.4



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: 50.016 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :

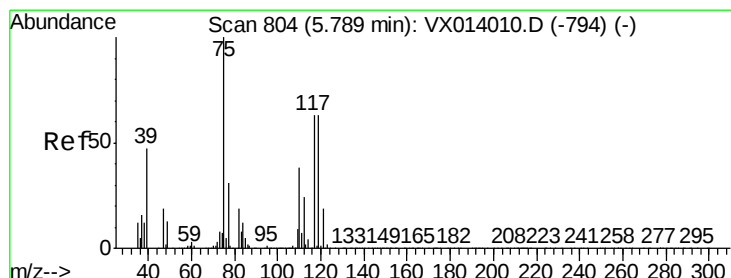
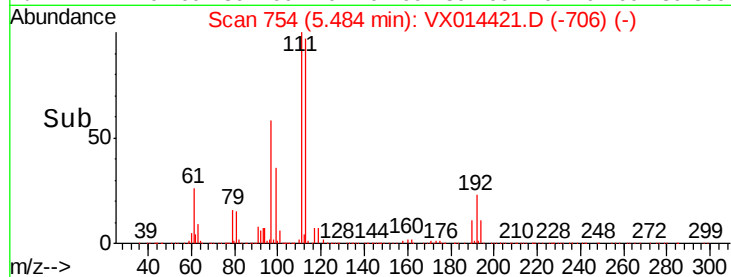
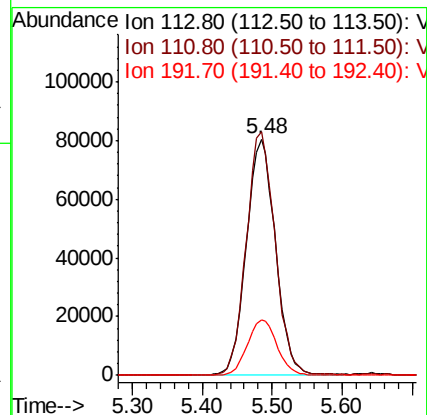
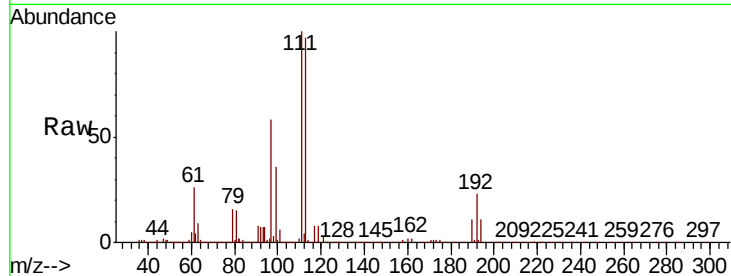
Tot Ion:113 Resp: 233369

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

192 23.7 19.3 28.9



#36

1,1-Dichloropropene

Concen: 17.794 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

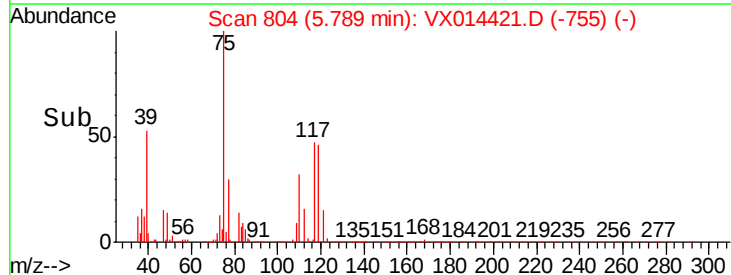
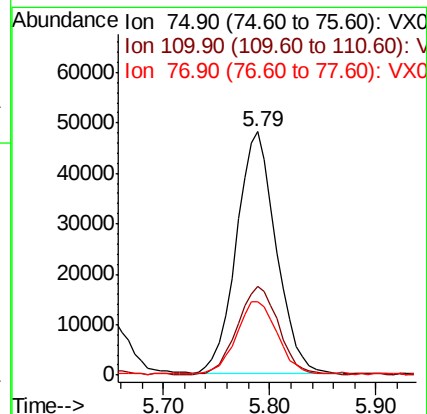
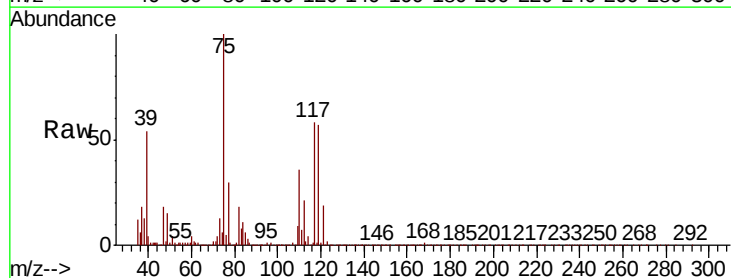
Tgt Ion: 75 Resp: 125315

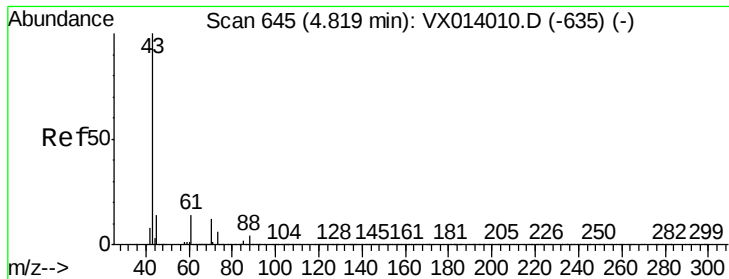
Ion Ratio Lower Upper

75 100

110 38.1 18.3 54.9

77 30.8 24.8 37.2

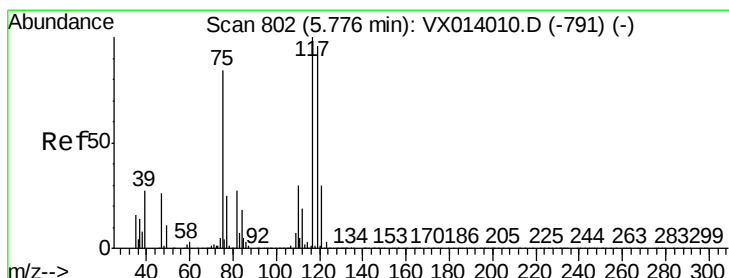
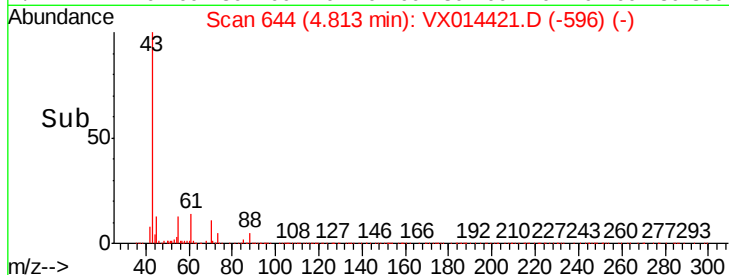
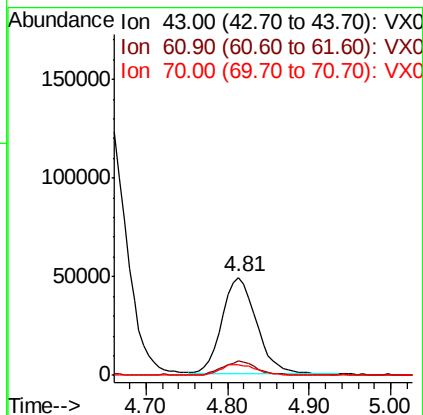
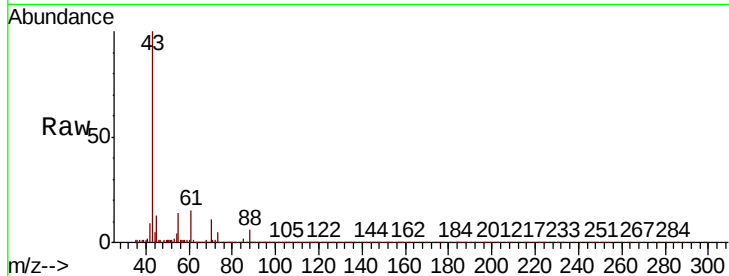




#37
Ethyl Acetate
Concen: 18.665 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

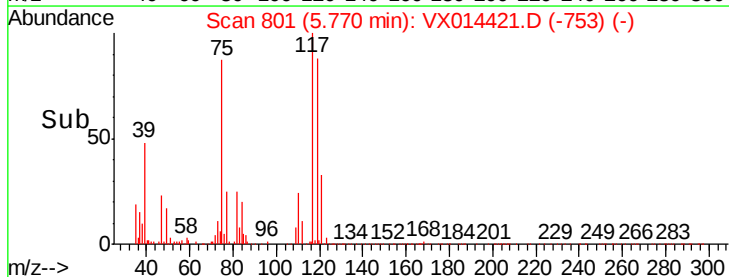
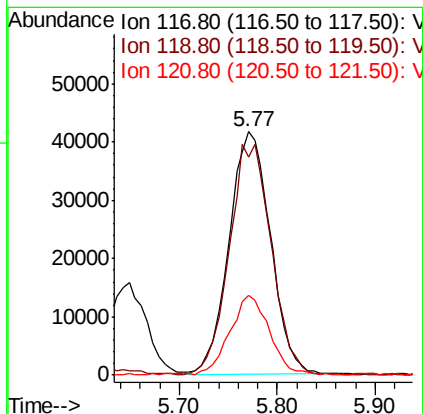
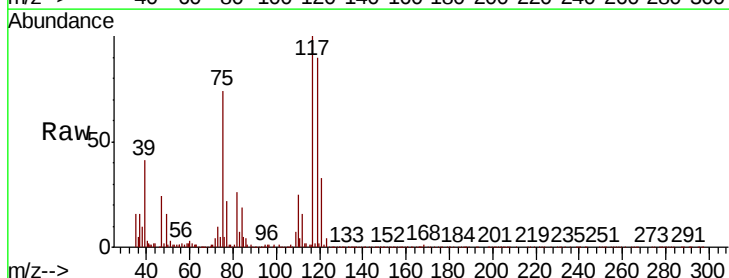
Instrument :
MSVOA_X
ClientSampleId :

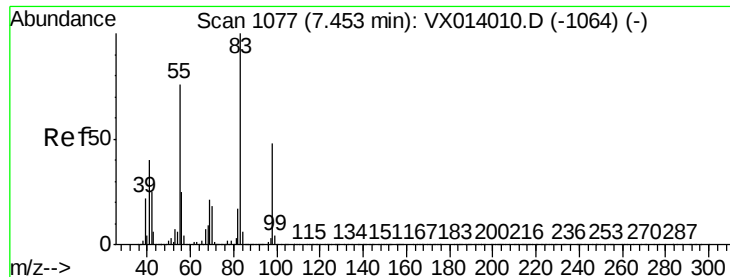
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.8	16.2
70	12.0	8.6	12.8



#38
Carbon Tetrachloride
Concen: 19.043 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.6	76.2	114.4
121	32.4	23.6	35.4

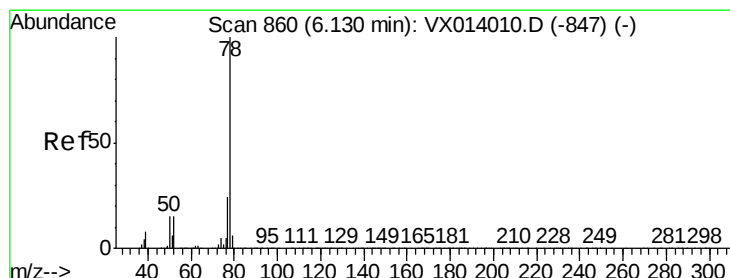
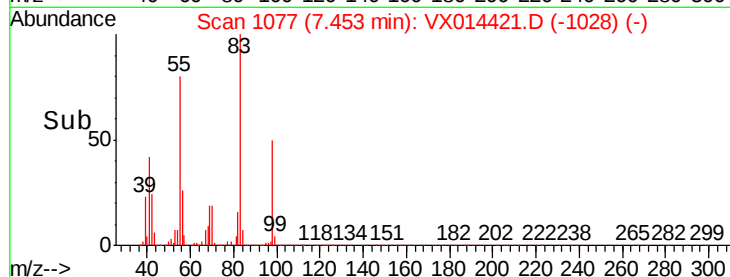
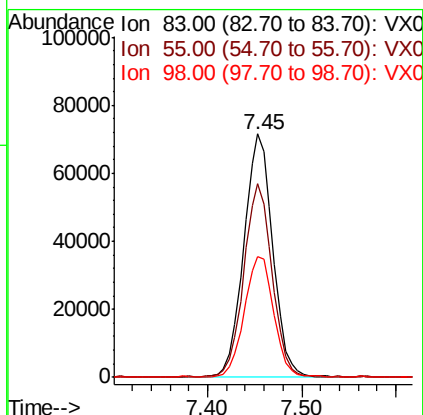
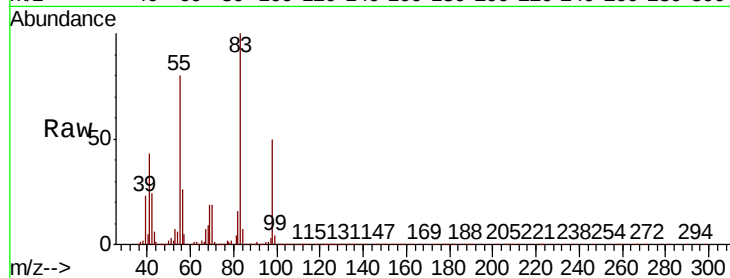




#39
Methvlcvclohexane
Concen: 17.731 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

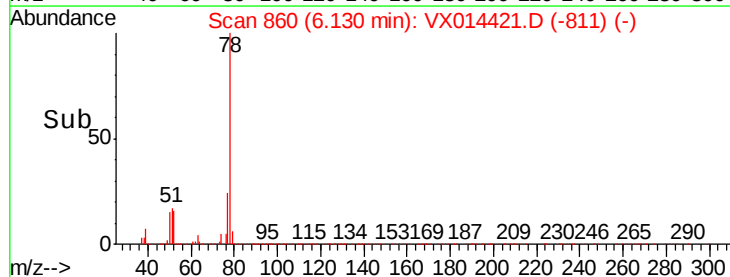
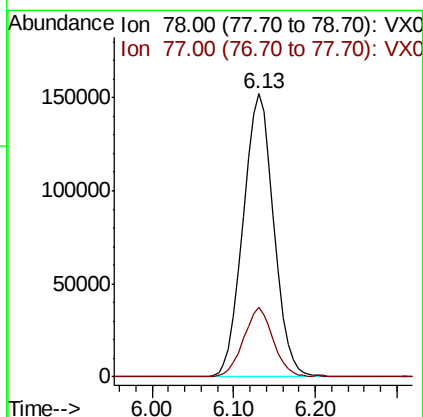
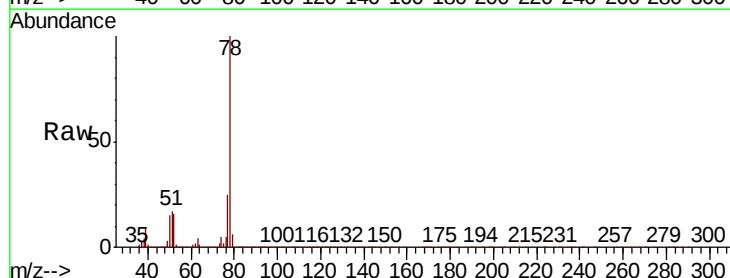
Instrument :
MSVOA_X
ClientSampled :

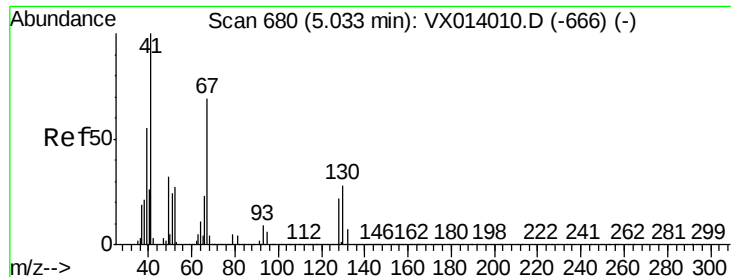
Tot Ion	83	Resp	154190
Ion Ratio	Lower	Upper	
83	100		
55	79.2	61.0	91.6
98	49.5	38.6	57.8



#40
Benzene
Concen: 18.387 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion	78	Resp	398441
Ion Ratio	Lower	Upper	
78	100		
77	24.6	18.8	28.2

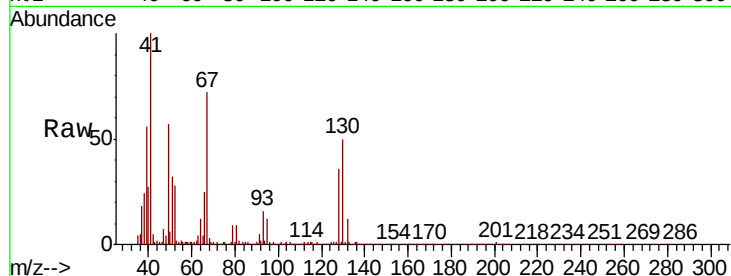




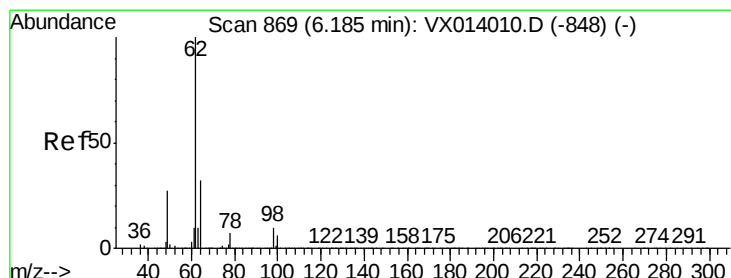
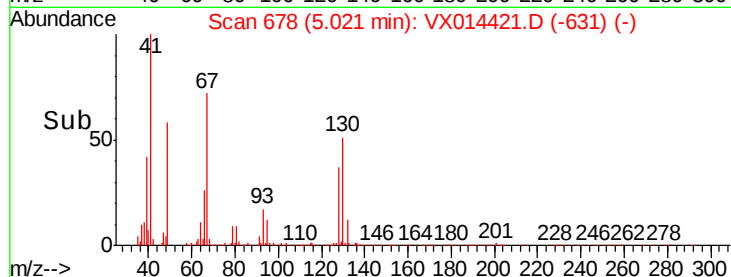
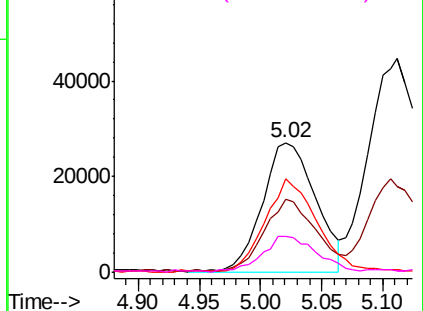
#41
Methacrylonitrile
Concen: 19.126 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	82533
Ion	Ratio	Lower	Upper
41	100		
39	53.5	44.5	66.7
67	67.6	57.4	86.0
52	28.4	23.0	34.4

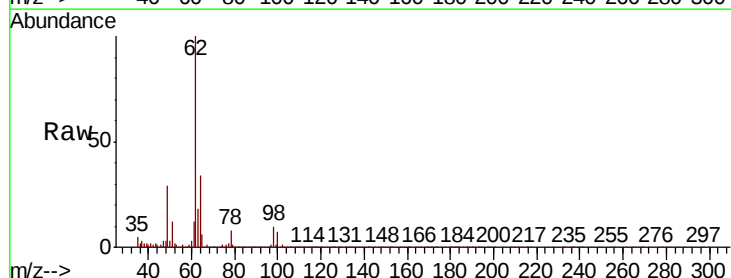


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

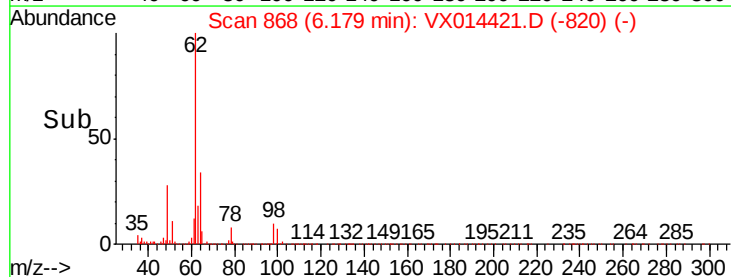
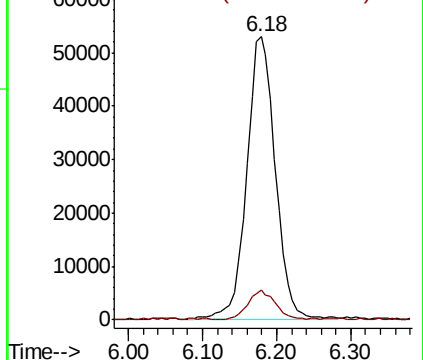


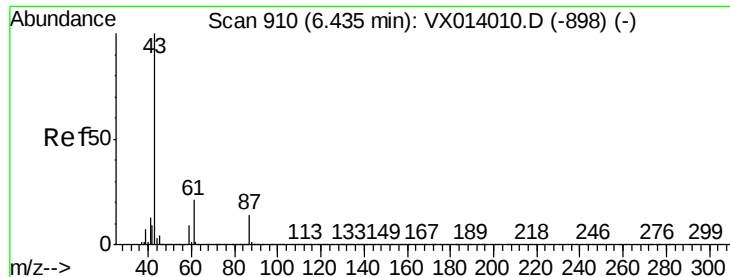
#42
1,2-Dichloroethane
Concen: 19.321 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion:	62	Resp:	141925
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	21.0



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



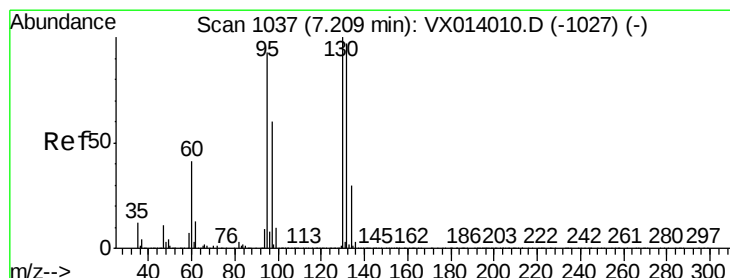
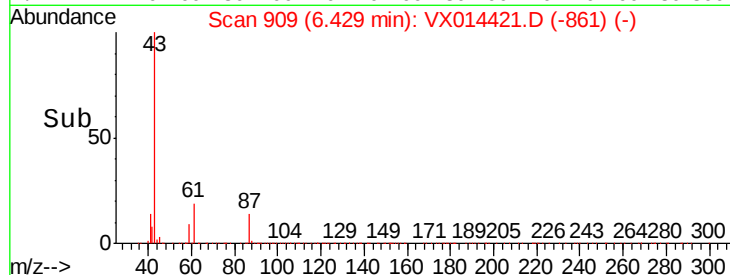
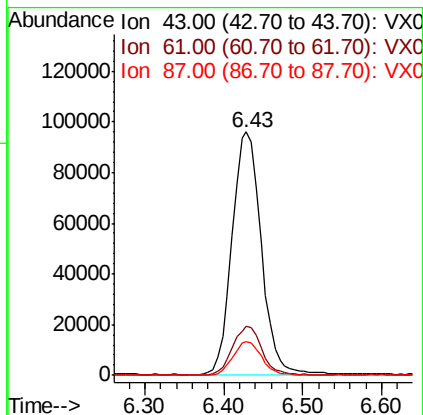
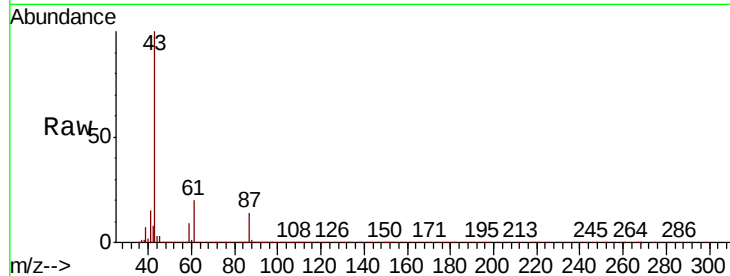


#43

Isopropyl Acetate
 Concen: 19.117 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014421.D
 Acq: 06 Jan 2020 12:35

Instrument :
 MSVOA_X
 ClientSampleId :

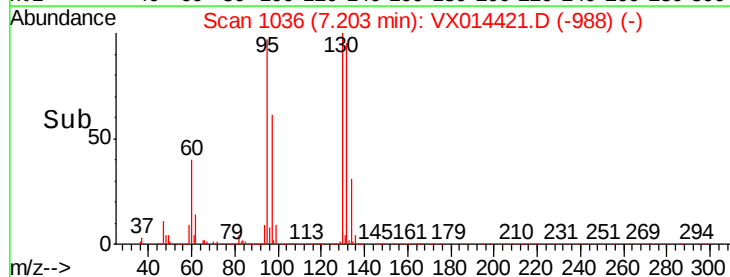
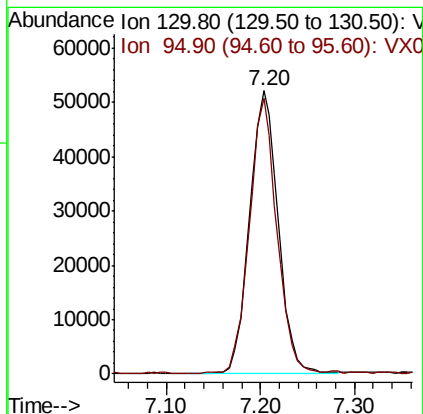
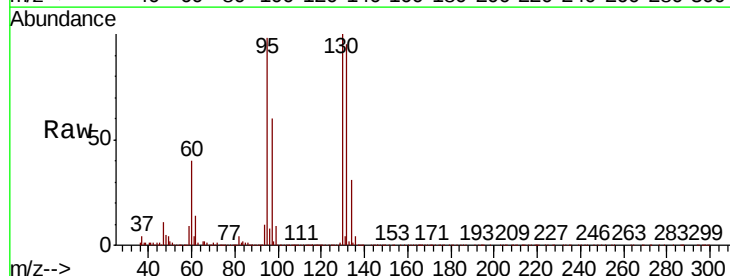
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.4	24.6
87	13.5	10.7	16.1



#44

Trichloroethene
 Concen: 18.659 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014421.D
 Acq: 06 Jan 2020 12:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	185.6





#45

1,2-Dichloropropane

Concen: 18.978 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

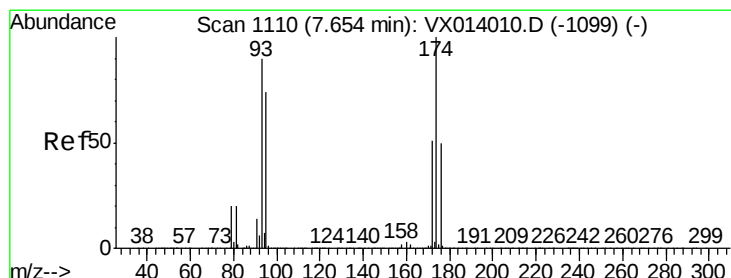
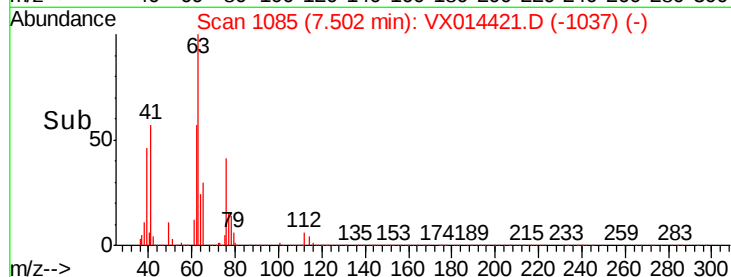
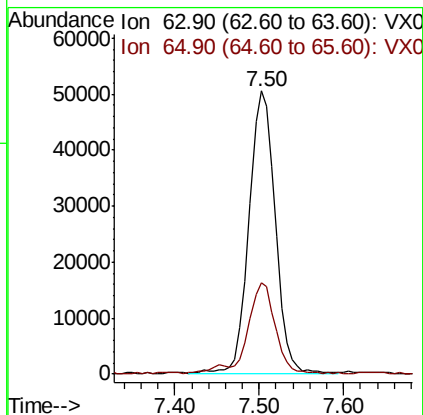
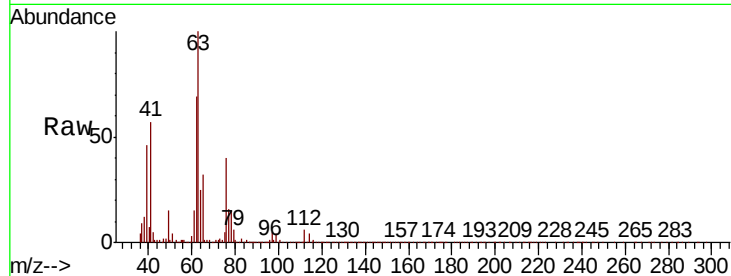
ClientSampleId :

Tot Ion: 63 Resp: 105406

Ion Ratio Lower Upper

63 100

65 32.0 25.8 38.8



#46

Dibromomethane

Concen: 18.122 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

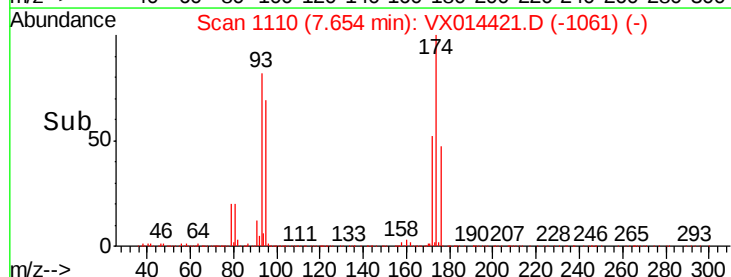
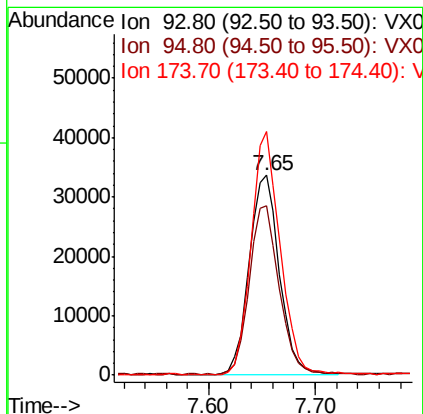
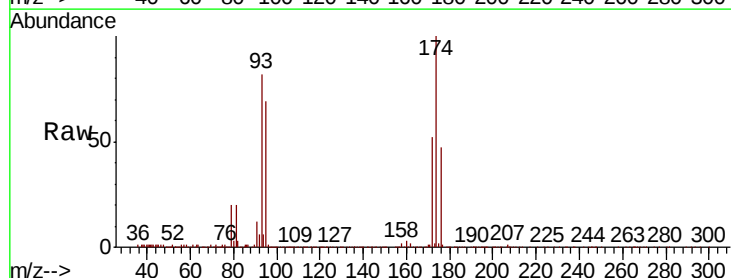
Tgt Ion: 93 Resp: 66545

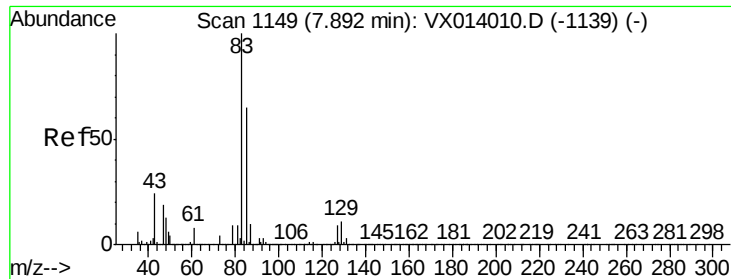
Ion Ratio Lower Upper

93 100

95 84.1 67.3 100.9

174 118.6 91.6 137.4





#47

Bromodichloromethane

Concen: 19.488 ug/l

RT: 7.89 min Scan# 1148

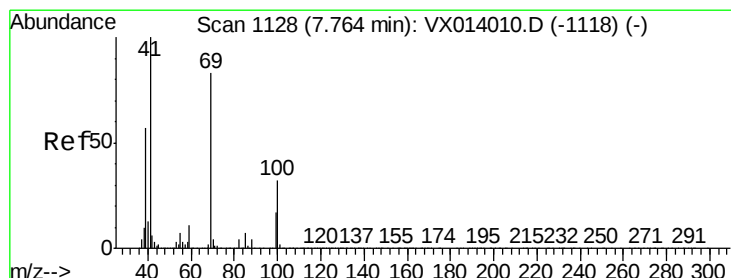
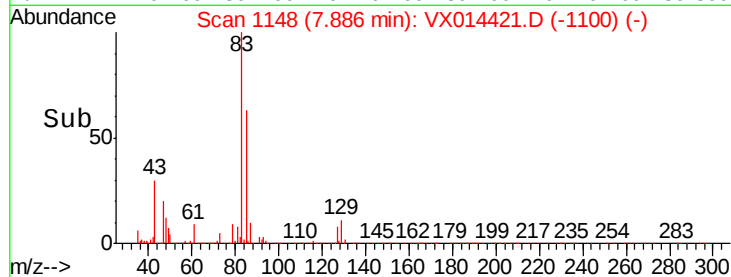
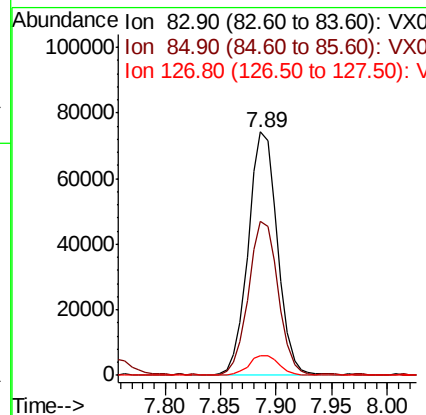
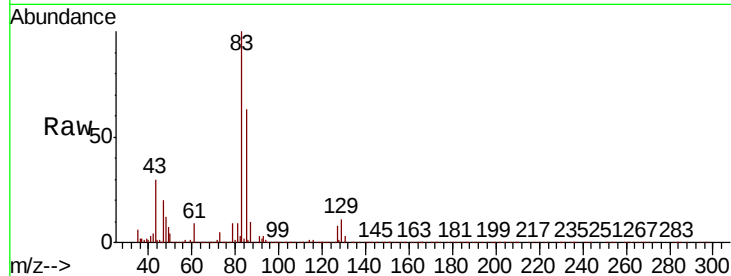
Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	134778
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.8	77.8
127	8.0	7.0	10.4



#48

Methyl methacrylate

Concen: 18.802 ug/l

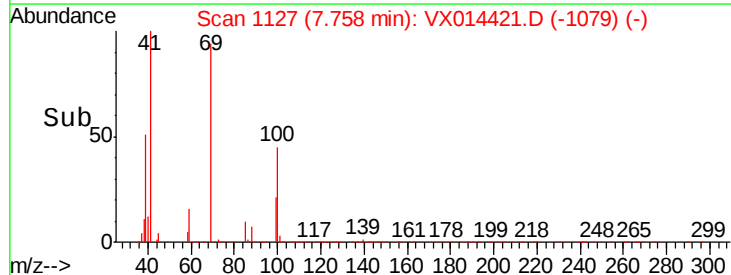
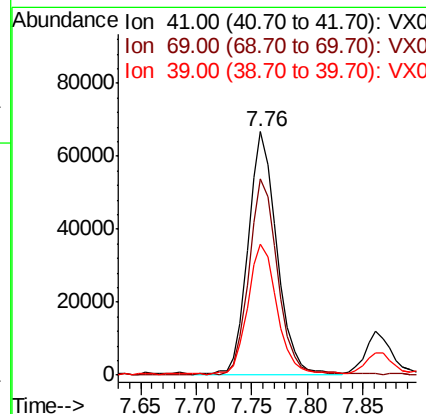
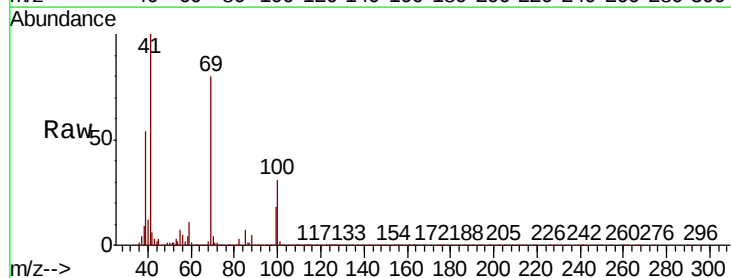
RT: 7.76 min Scan# 1127

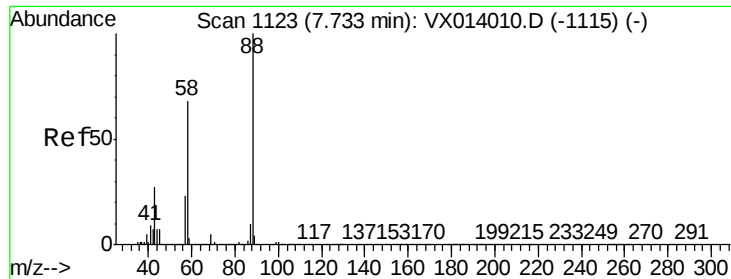
Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Tgt Ion:	41	Resp:	118500
Ion	Ratio	Lower	Upper
41	100		
69	80.8	65.8	98.6
39	54.6	44.6	67.0

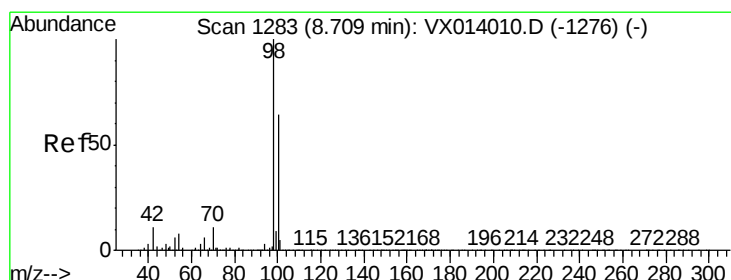
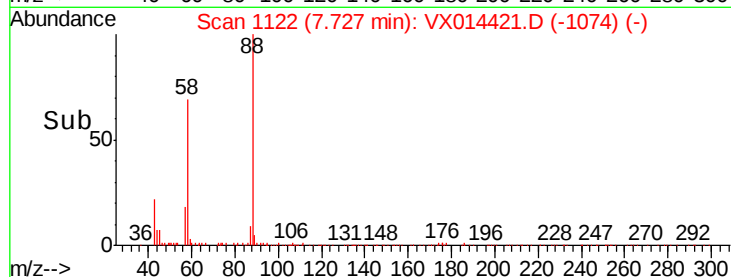
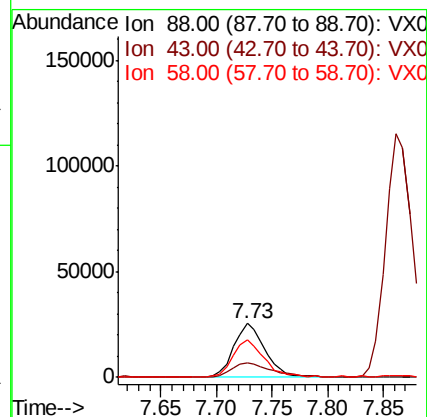
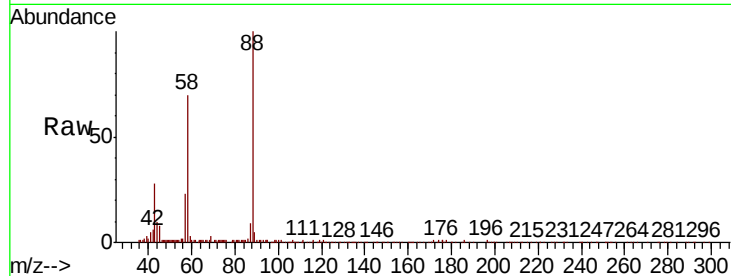




#49
1,4-Dioxane
Concen: 387.168 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

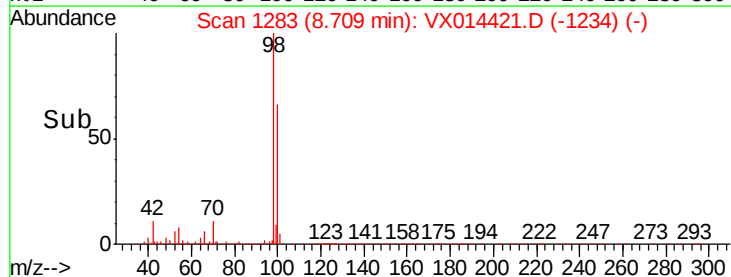
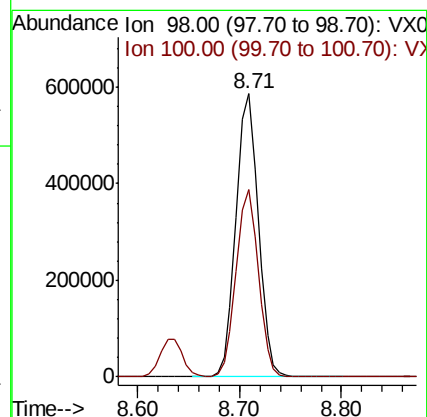
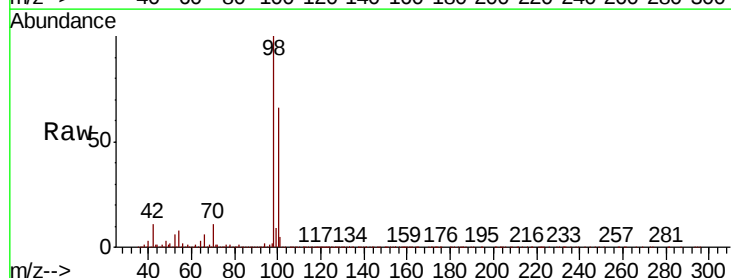
Instrument :
MSVOA_X
ClientSampleId :

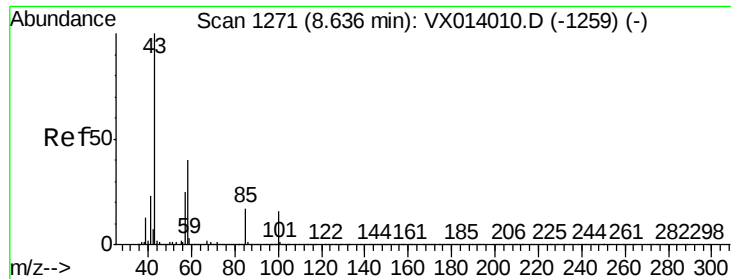
Tot Ion	Ratio	Lower	Upper
88	100		
43	32.1	26.5	39.7
58	68.0	56.8	85.2



#50
Toluene-d8
Concen: 48.832 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 93.551 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

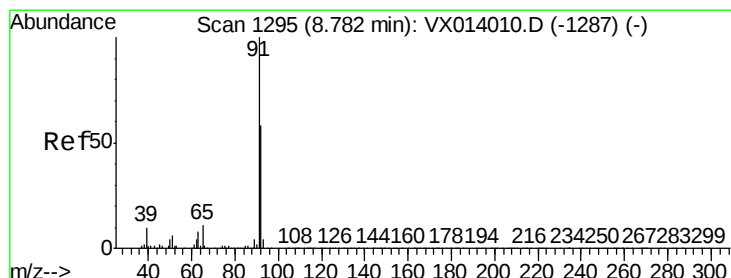
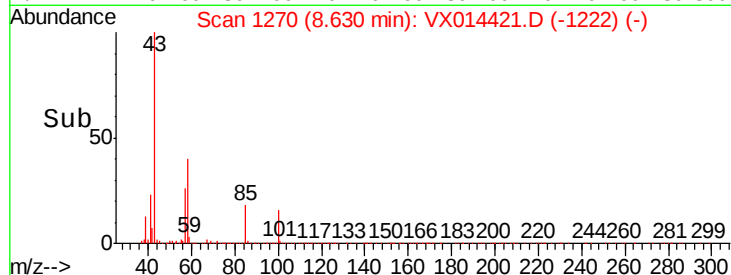
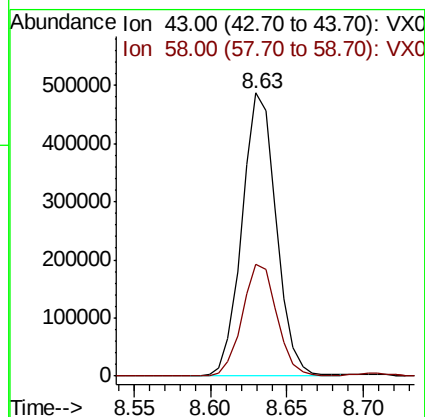
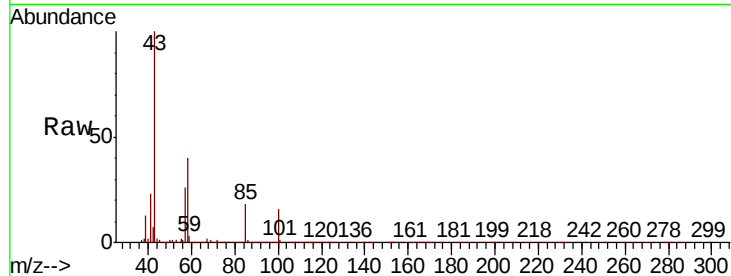
ClientSampleId :

Tot Ion: 43 Resp: 756183

Ion Ratio Lower Upper

43 100

58 40.0 32.2 48.2



#52

Toluene

Concen: 18.350 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014421.D

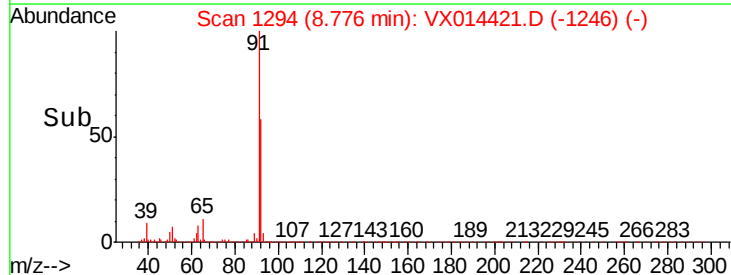
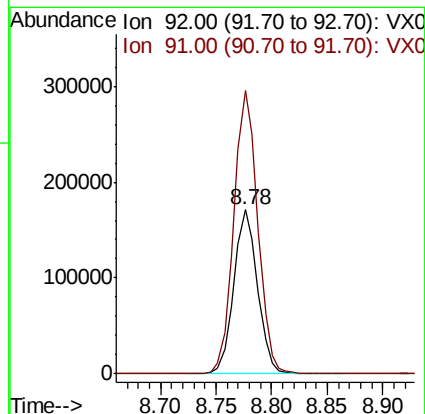
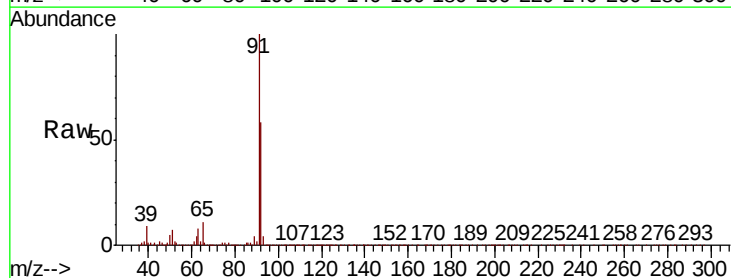
Acq: 06 Jan 2020 12:35

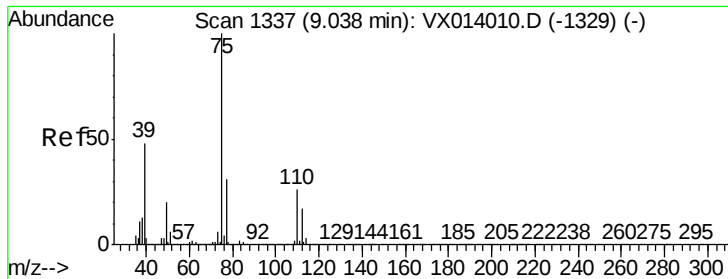
Tgt Ion: 92 Resp: 251328

Ion Ratio Lower Upper

92 100

91 173.9 136.2 204.4

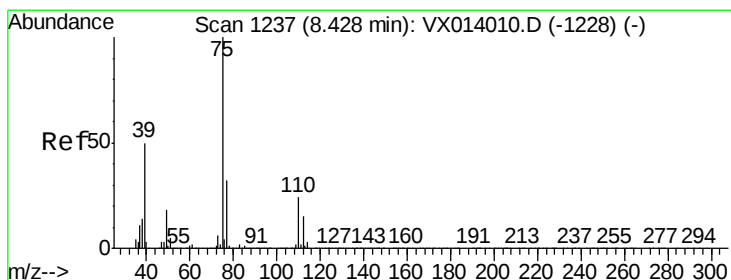
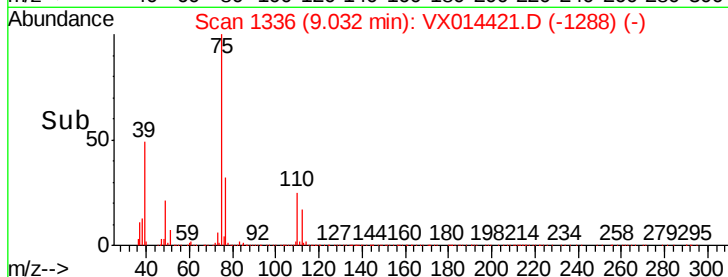
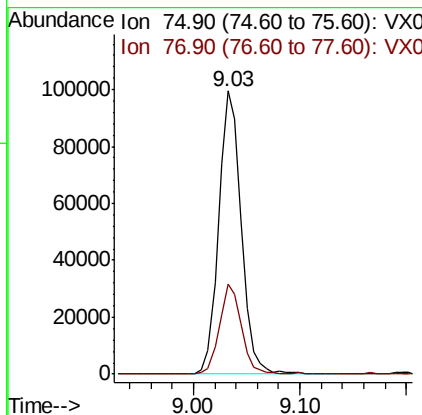
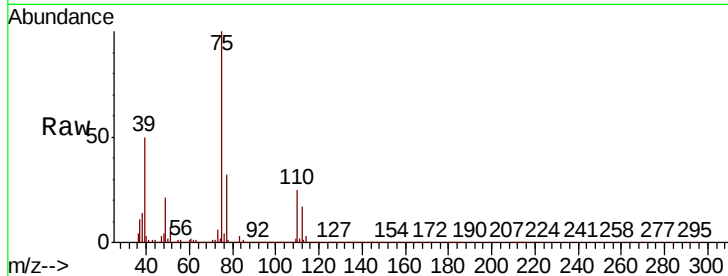




#53
t-1,3-Dichloropropene
Concen: 19.305 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

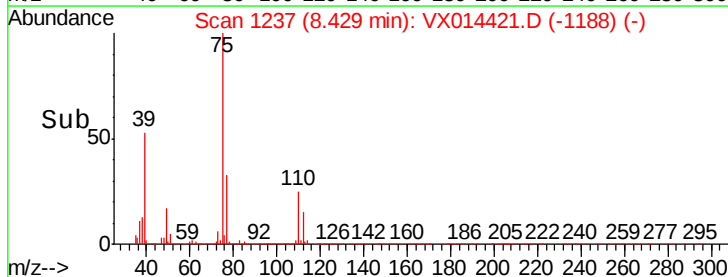
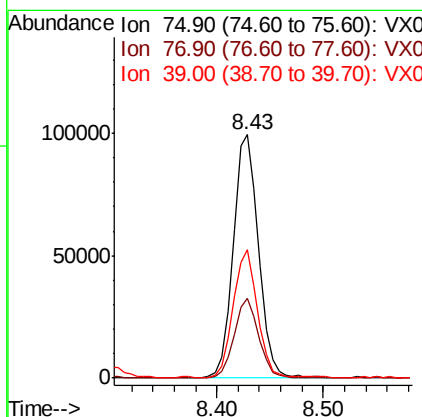
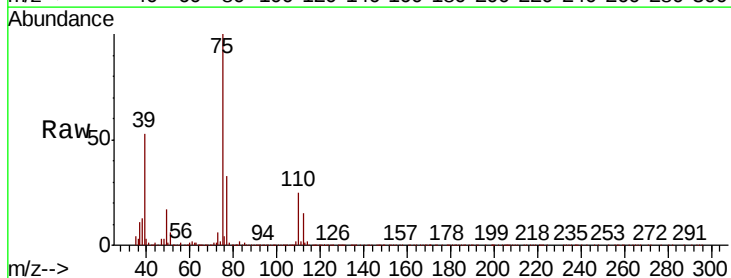
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 146398
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 19.455 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion: 75 Resp: 164363
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9
39 52.7 39.9 59.9

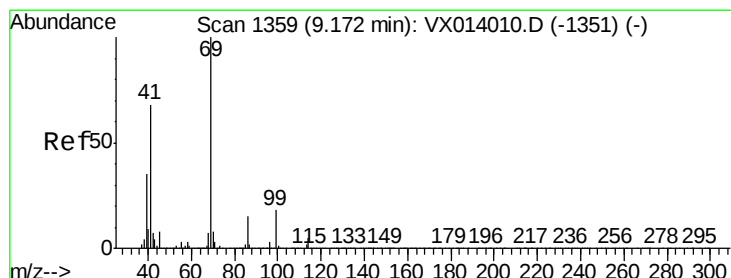
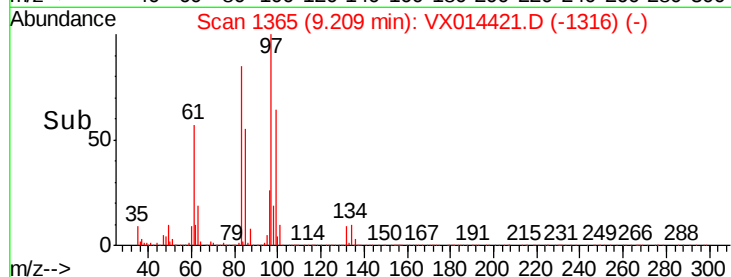
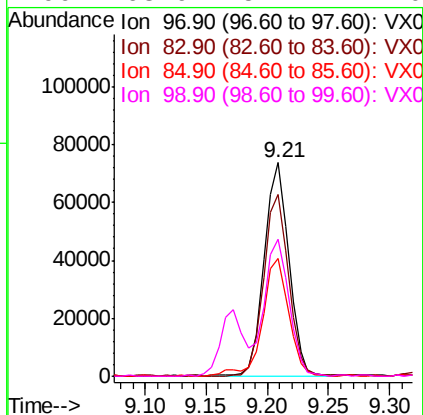
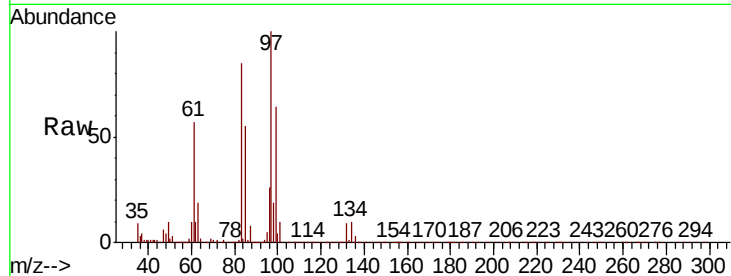




#55
 1,1,2-Trichloroethane
 Concen: 18.845 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014421.D
 Acq: 06 Jan 2020 12:35

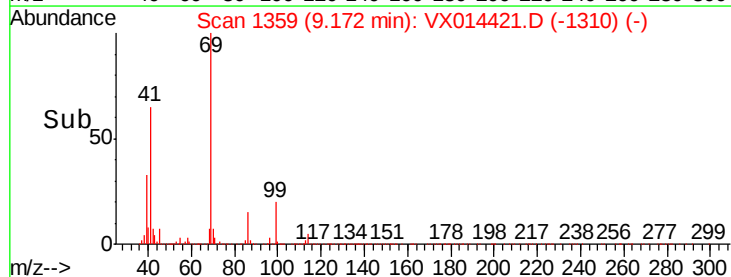
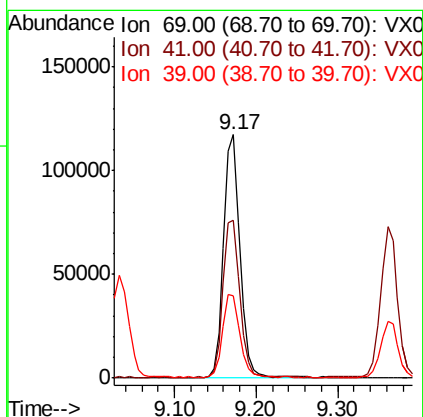
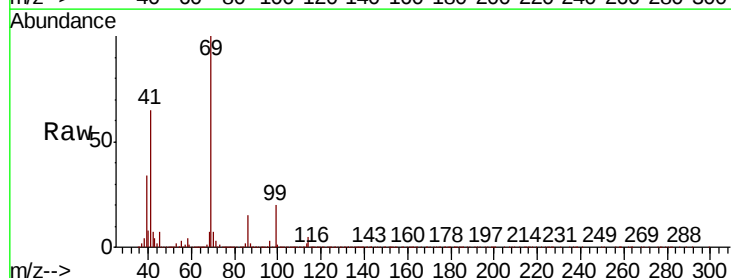
Instrument :
 MSVOA_X
 ClientSampleId :

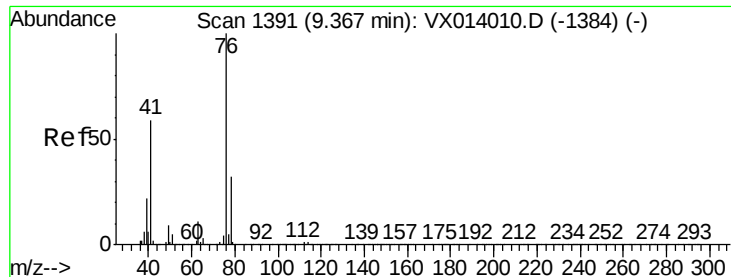
Tot Ion:	97	Resp:	103452
Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.2	102.4
85	55.1	44.6	66.8
99	63.9	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 18.976 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014421.D
 Acq: 06 Jan 2020 12:35

Tgt Ion:	69	Resp:	163629
Ion	Ratio	Lower	Upper
69	100		
41	66.3	54.8	82.2
39	35.6	28.3	42.5





#57

1,3-Dichloropropane

Concen: 19.050 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

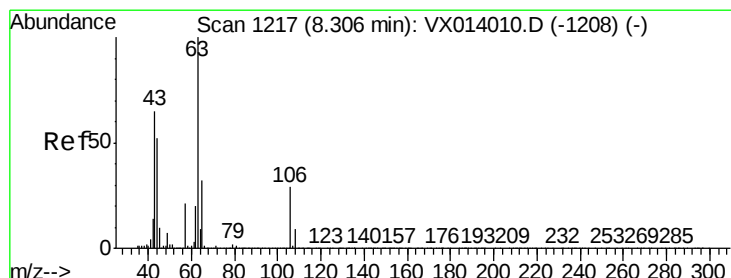
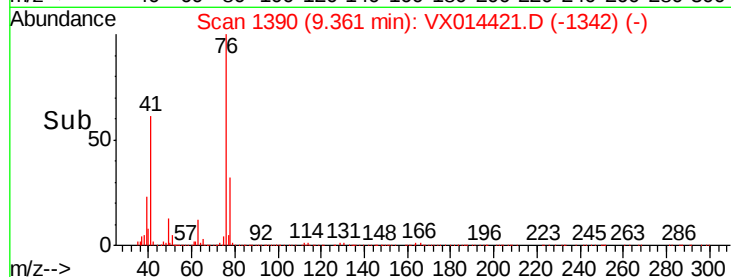
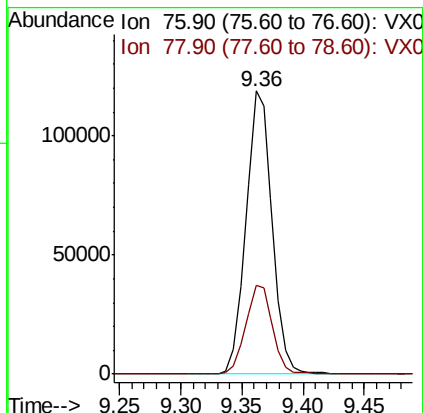
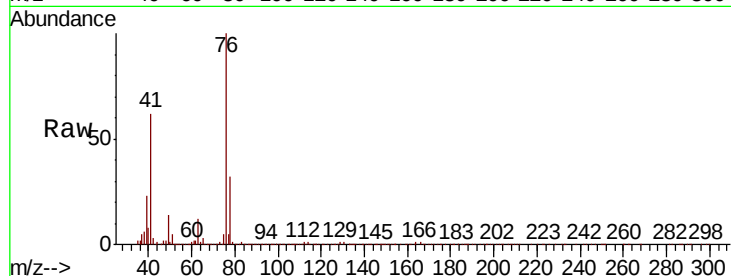
ClientSampleId :

Tot Ion: 76 Resp: 175947

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 96.407 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014421.D

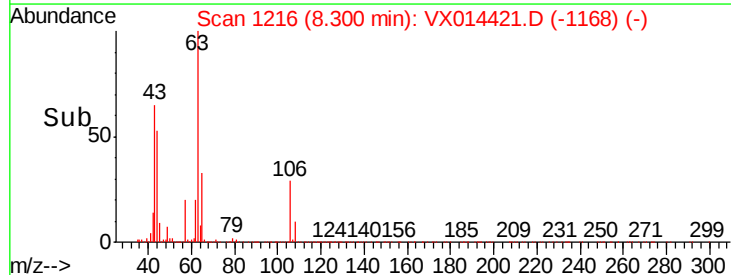
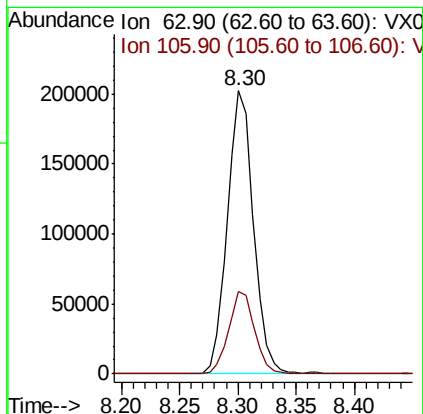
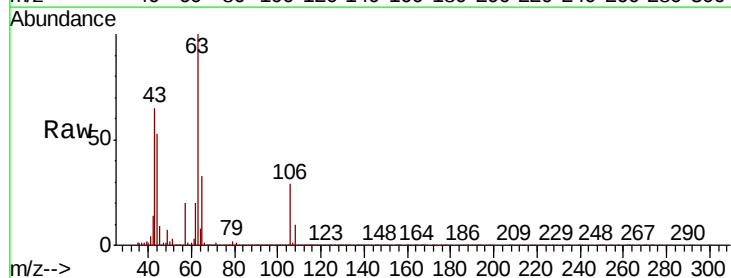
Acq: 06 Jan 2020 12:35

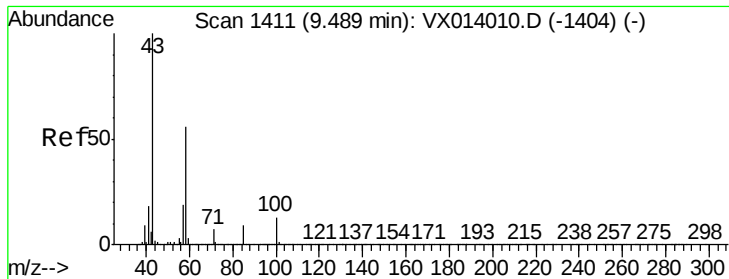
Tgt Ion: 63 Resp: 314603

Ion Ratio Lower Upper

63 100

106 28.9 23.0 34.6

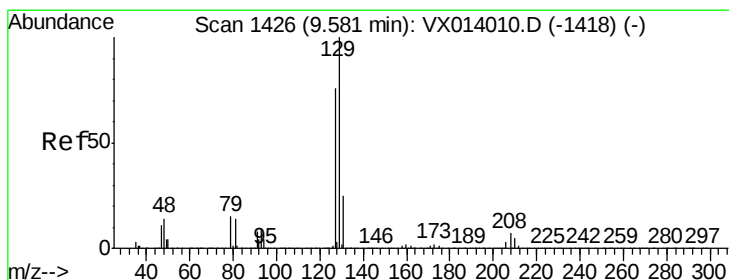
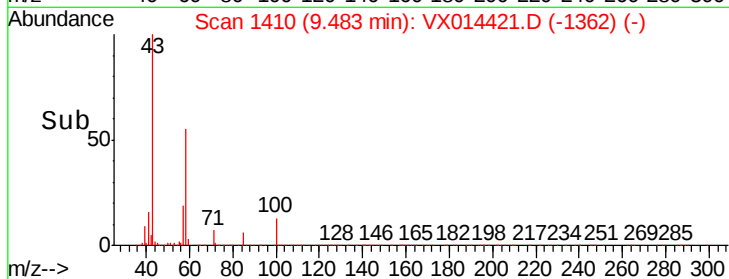
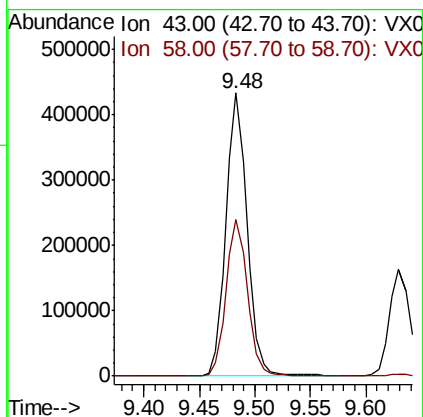
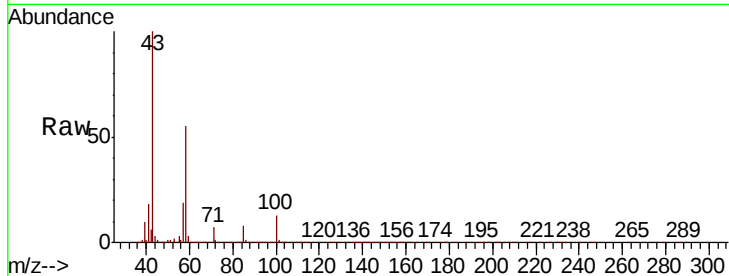




#59
2-Hexanone
Concen: 87.669 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

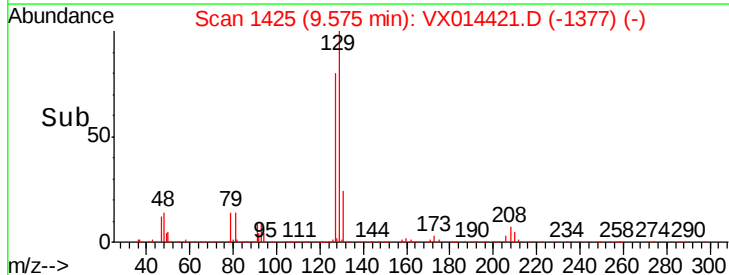
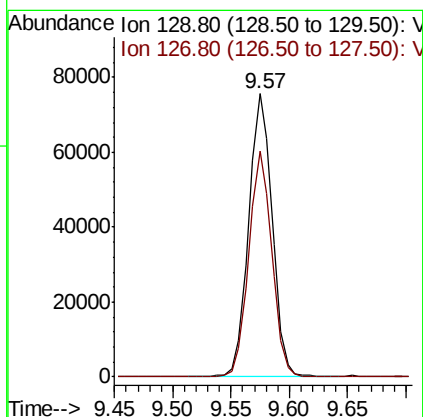
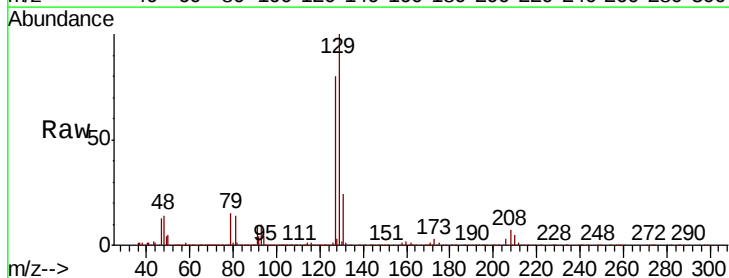
Instrument :
MSVOA_X
ClientSampled :

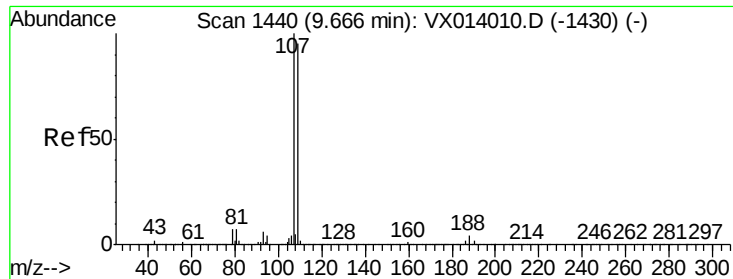
Tot Ion: 43 Resp: 570453
Ion Ratio Lower Upper
43 100
58 56.5 28.0 84.0



#60
Dibromochloromethane
Concen: 19.562 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion: 129 Resp: 106741
Ion Ratio Lower Upper
129 100
127 78.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.098 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

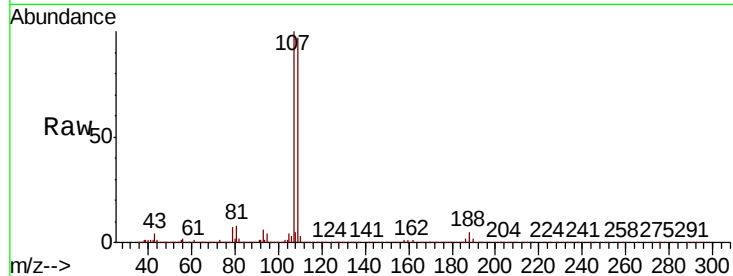
ClientSampleId :

Tot Ion:107 Resp: 107266

Ion Ratio Lower Upper

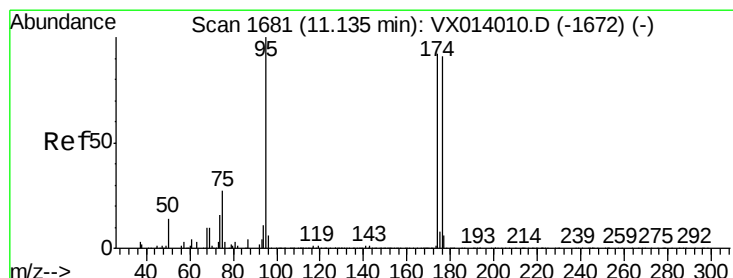
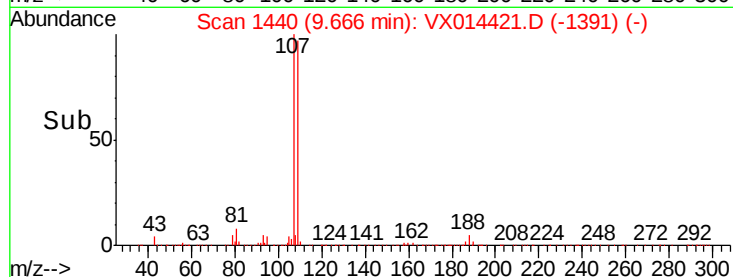
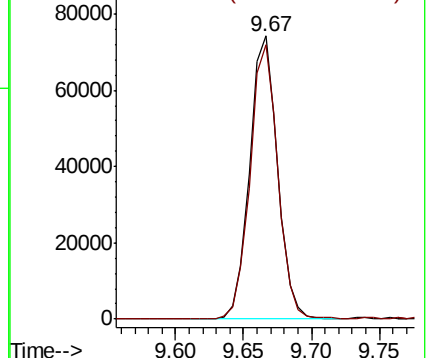
107 100

109 95.9 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.497 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

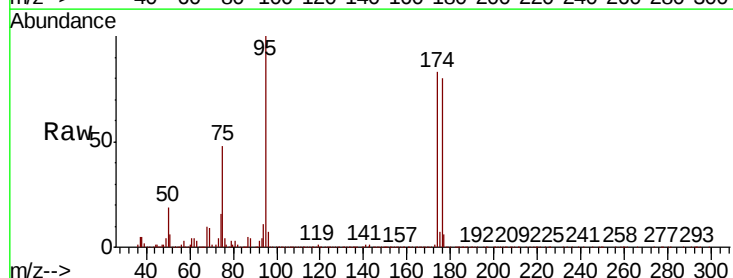
Tgt Ion: 95 Resp: 322032

Ion Ratio Lower Upper

95 100

174 87.8 0.0 175.8

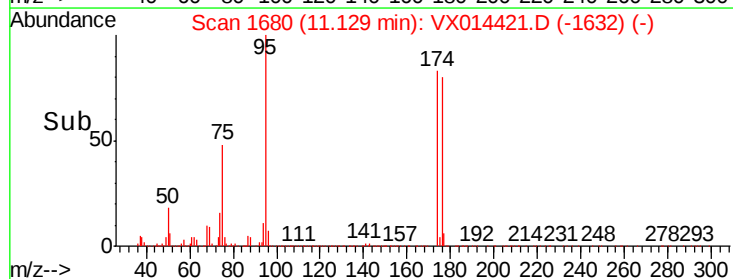
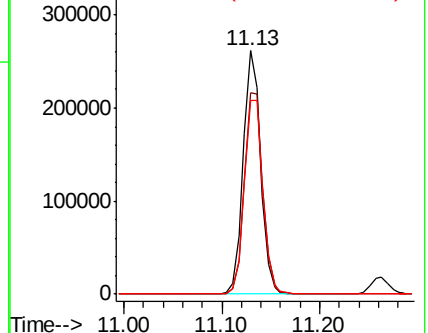
176 85.5 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

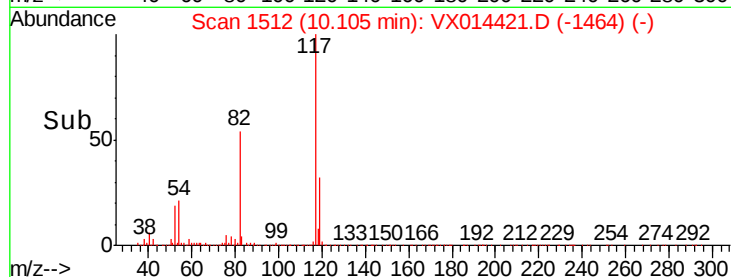
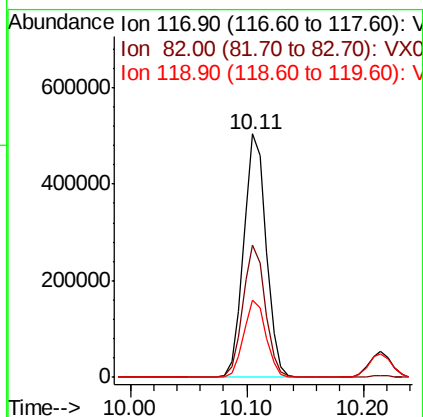
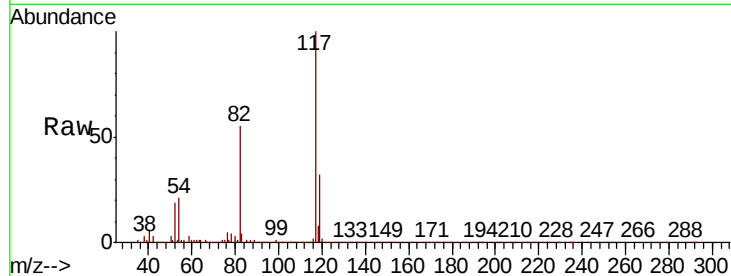




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

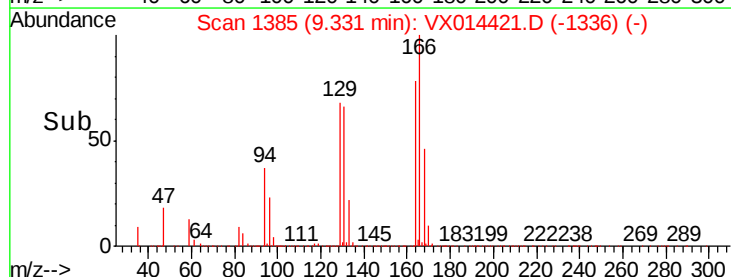
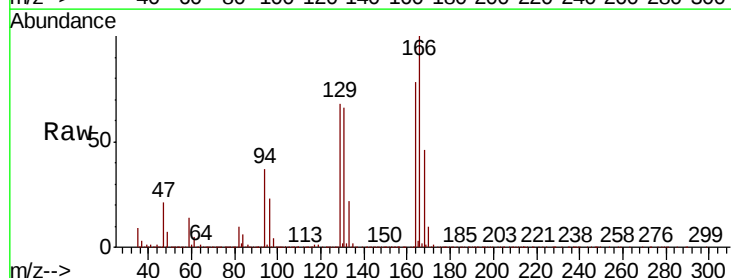
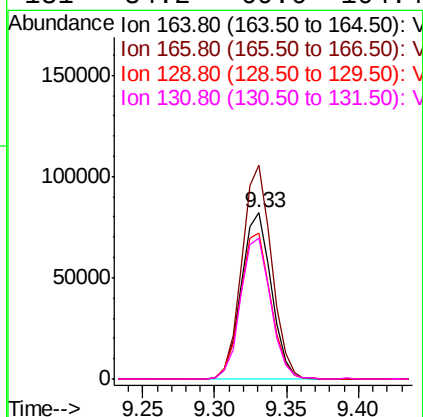
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.2	63.4
119	31.9	25.1	37.7



#64
Tetrachloroethene
Concen: 19.717 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	104.0	156.0
129	87.3	72.2	108.4
131	84.2	69.6	104.4





#65

Chlorobenzene

Concen: 19.243 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

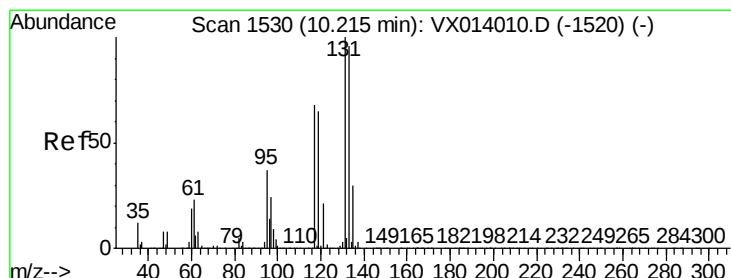
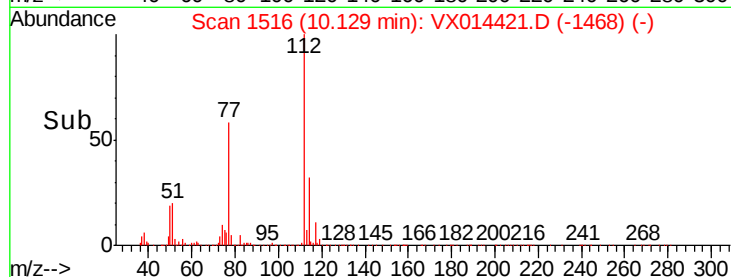
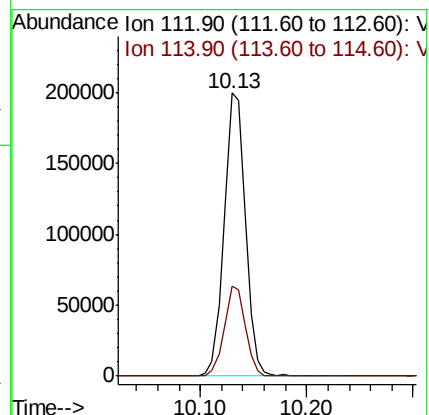
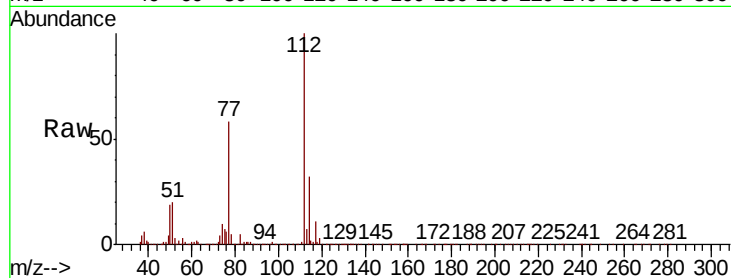
ClientSampleId :

Tot Ion:112 Resp: 278691

Ion Ratio Lower Upper

112 100

114 32.0 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.621 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

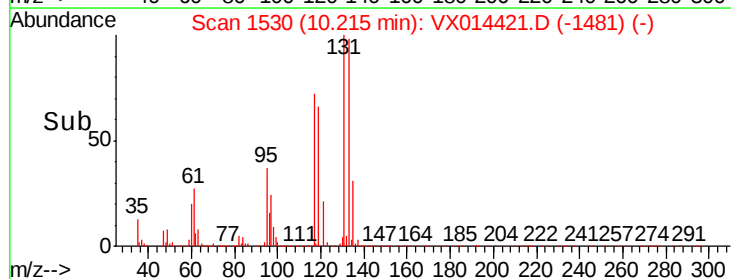
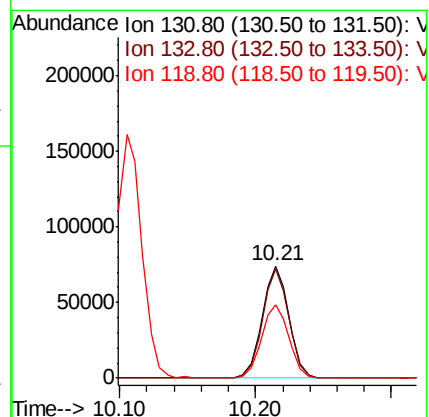
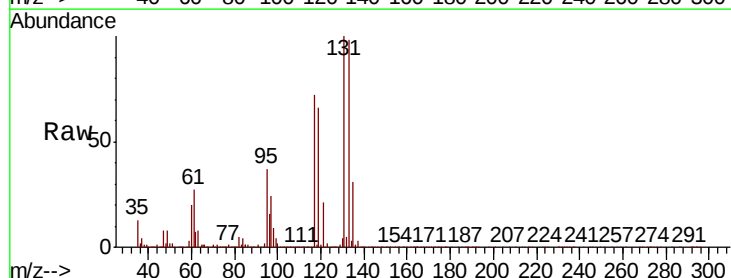
Tgt Ion:131 Resp: 101467

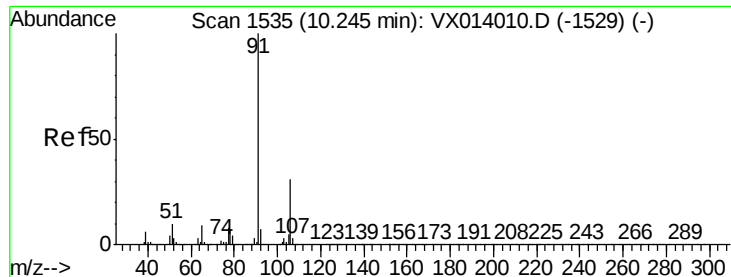
Ion Ratio Lower Upper

131 100

133 96.1 48.0 144.0

119 67.1 33.4 100.2





#67

Ethyl Benzene

Concen: 19.083 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

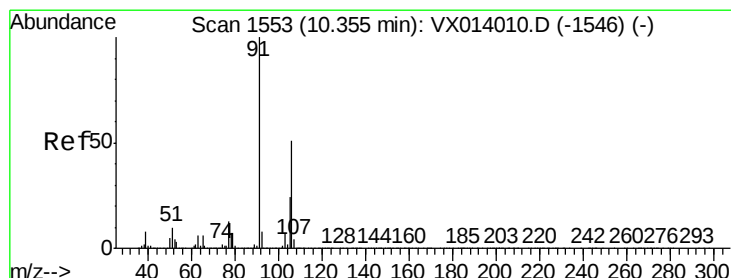
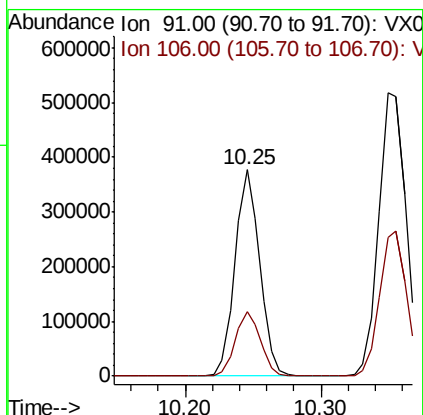
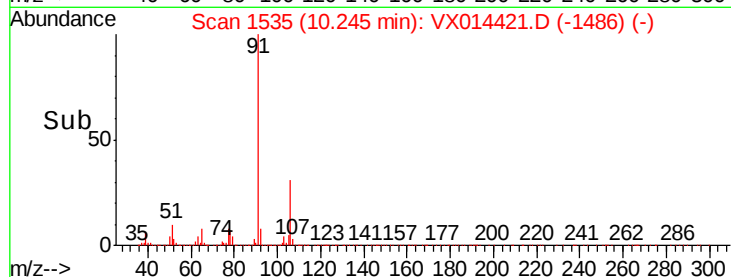
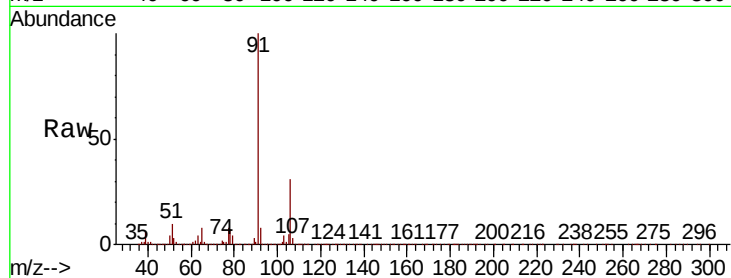
ClientSampled :

Tot Ion: 91 Resp: 475157

Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.6



#68

m/p-Xylenes

Concen: 38.033 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014421.D

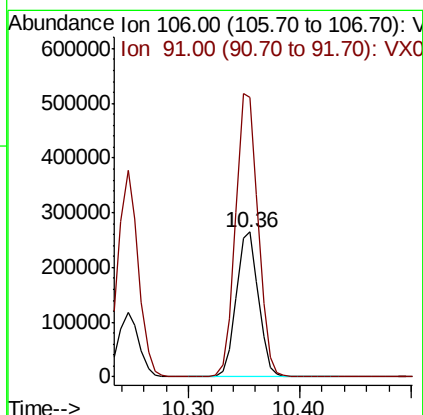
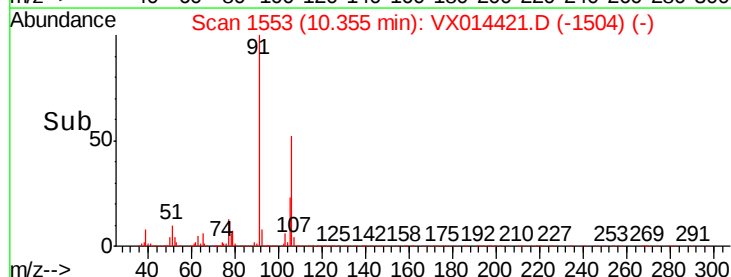
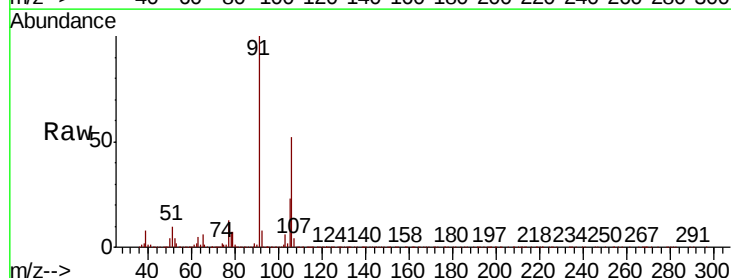
Acq: 06 Jan 2020 12:35

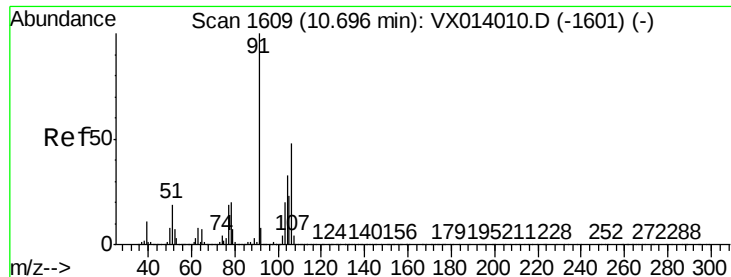
Tgt Ion: 106 Resp: 364229

Ion Ratio Lower Upper

106 100

91 198.7 158.6 238.0

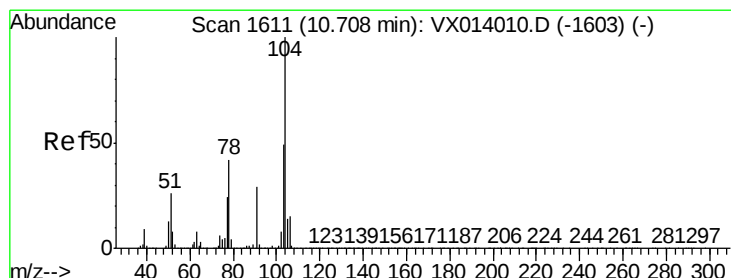
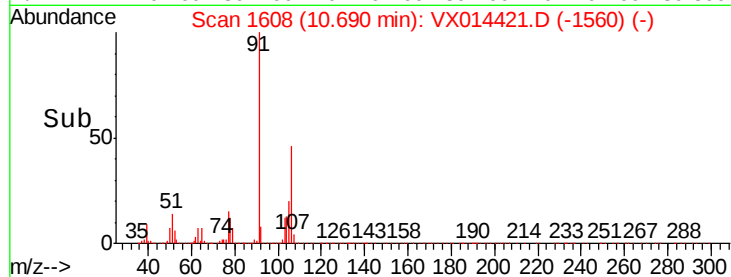
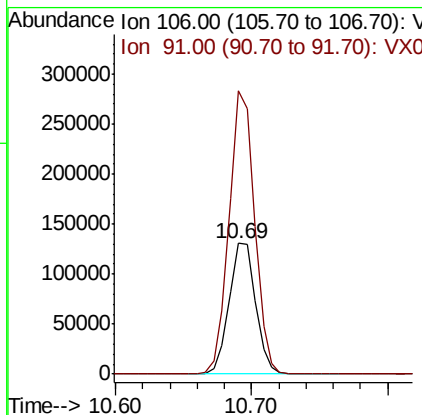
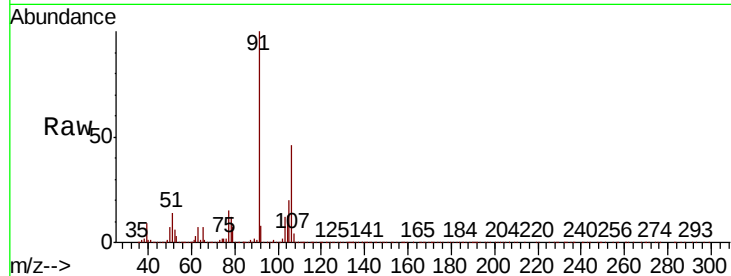




#69
o-Xylene
Concen: 18.880 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

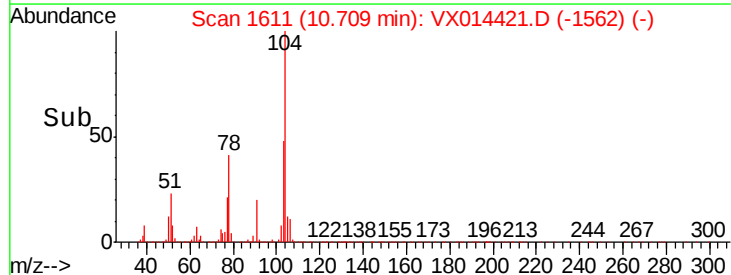
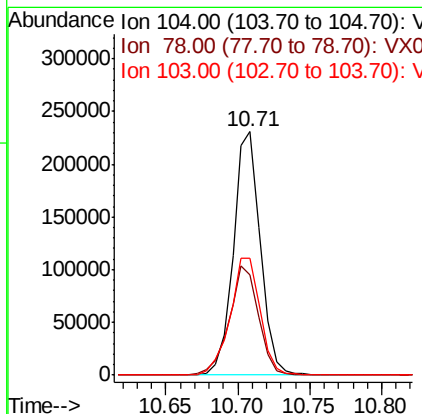
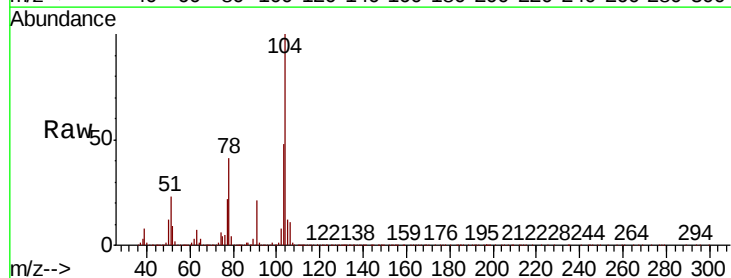
Instrument :
MSVOA_X
ClientSampleId :

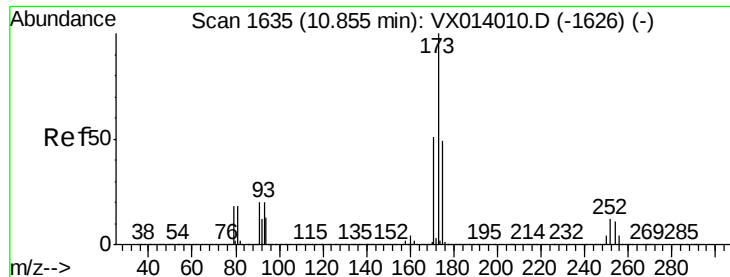
Tot Ion:106 Resp: 177331
Ion Ratio Lower Upper
106 100
91 208.8 104.2 312.6



#70
Styrene
Concen: 19.009 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion:104 Resp: 301908
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 54.2 42.9 64.3

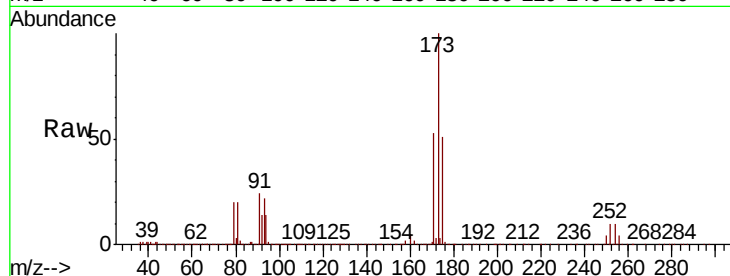




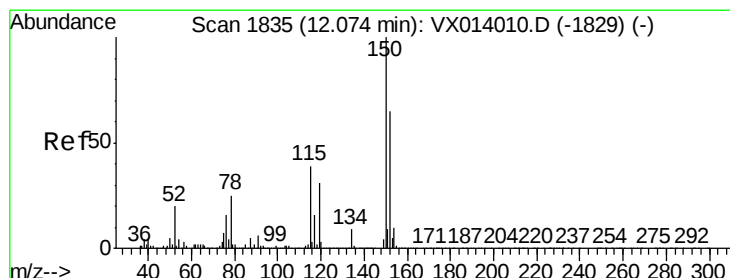
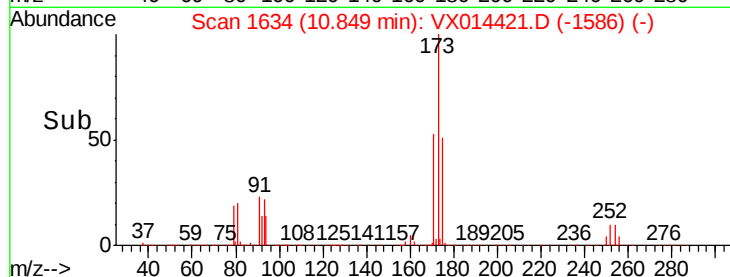
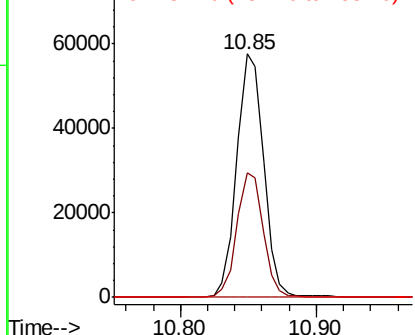
#71
Bromoform
Concen: 19.190 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 79770
Ion Ratio Lower Upper
173 100
175 50.3 24.4 73.4
254 0.1 0.2 0.2#

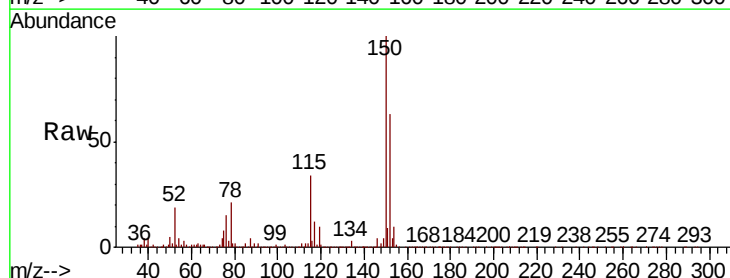


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

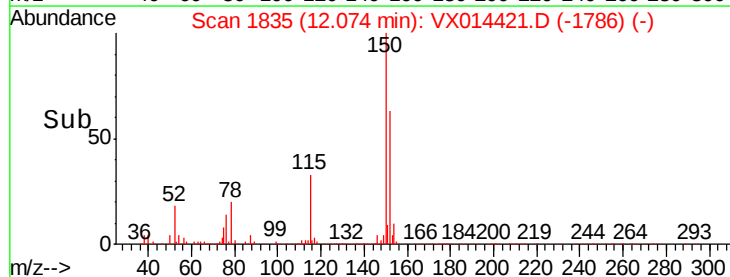
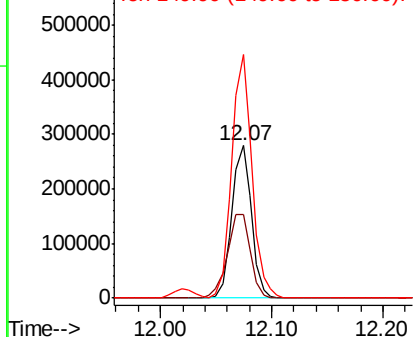


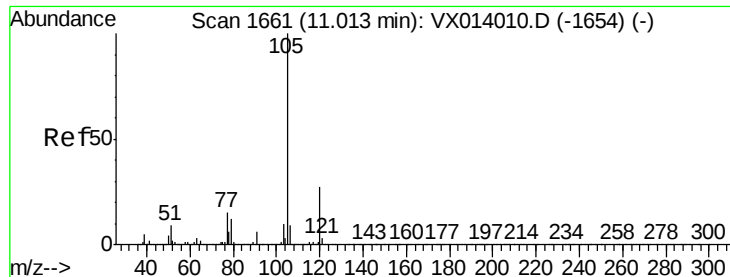
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion:152 Resp: 339772
Ion Ratio Lower Upper
152 100
115 64.3 38.3 114.9
150 164.2 0.0 345.4



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





#73

Isopropylbenzene

Concen: 20.056 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

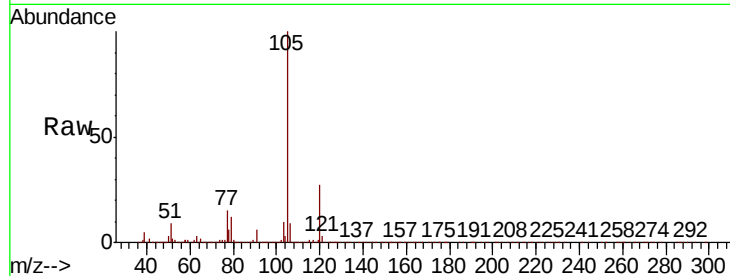
ClientSampleId :

Tot Ion:105 Resp: 479787

Ion Ratio Lower Upper

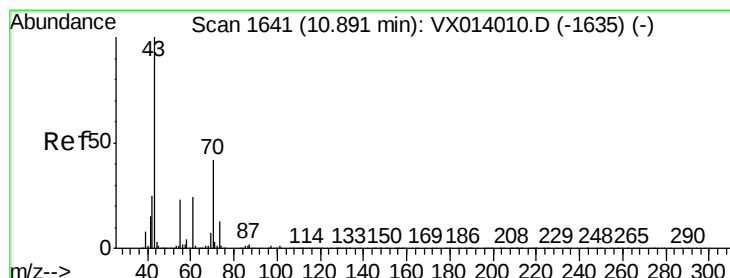
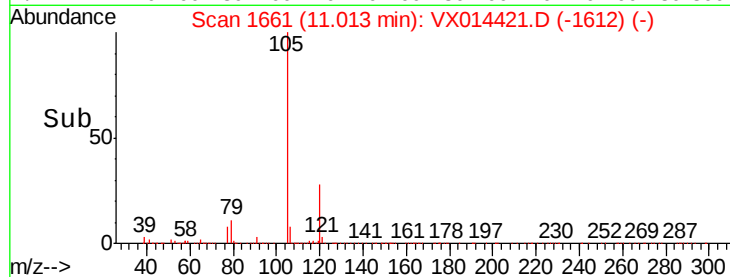
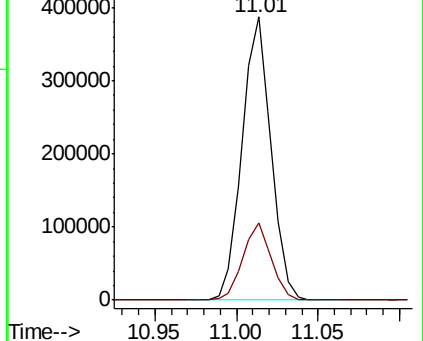
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.408 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Tgt Ion: 43 Resp: 206415

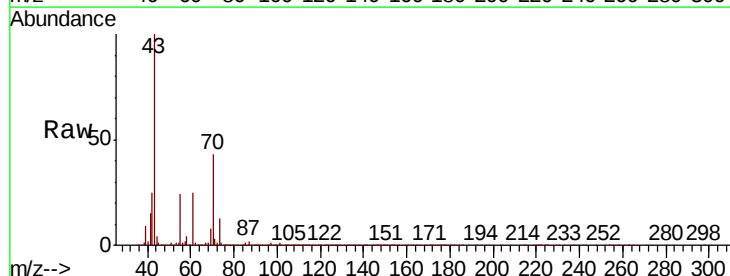
Ion Ratio Lower Upper

43 100

70 43.5 34.4 51.6

55 24.6 19.1 28.7

61 24.9 19.7 29.5

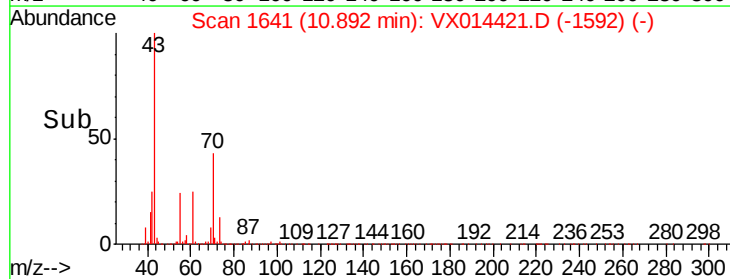
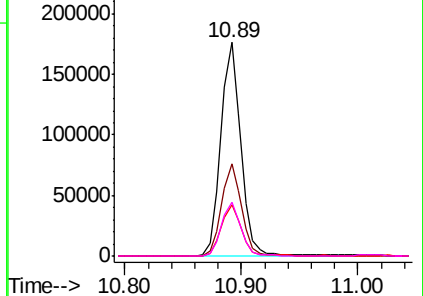


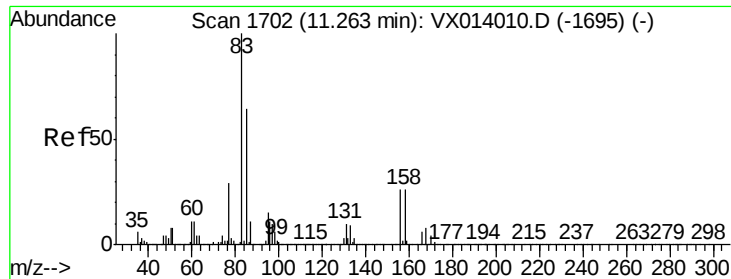
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.839 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

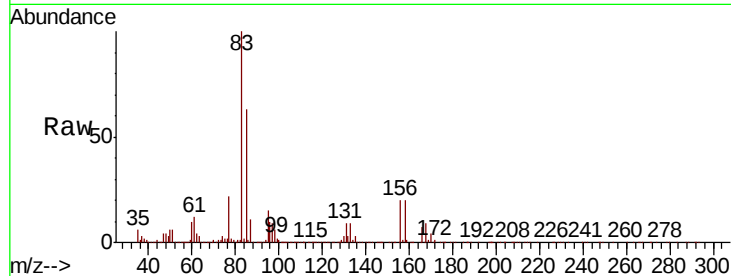
Tot Ion: 83 Resp: 156242

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

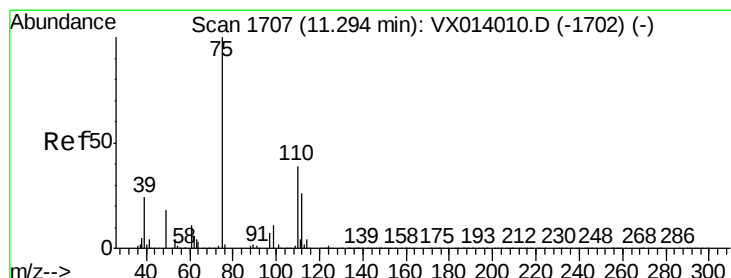
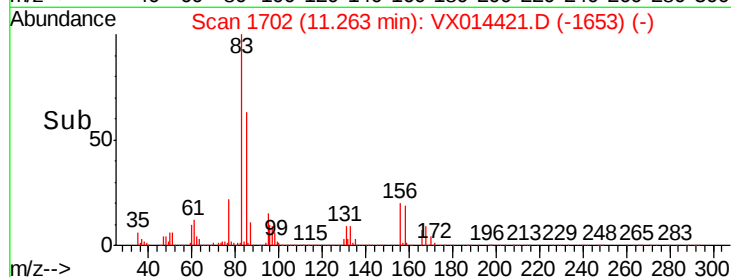
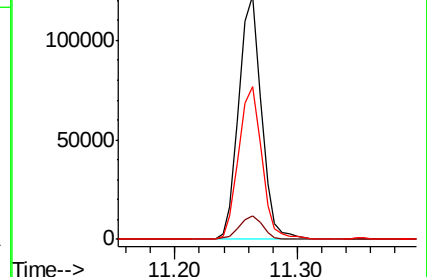
85 64.2 31.9 95.7



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: 23.991 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014421.D

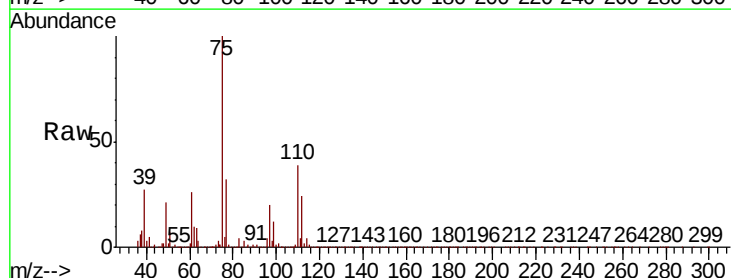
Acq: 06 Jan 2020 12:35

Tgt Ion: 75 Resp: 176968

Ion Ratio Lower Upper

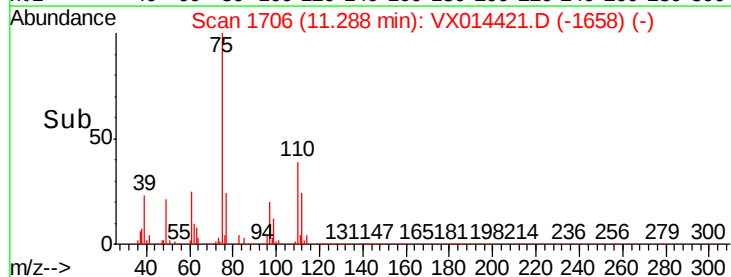
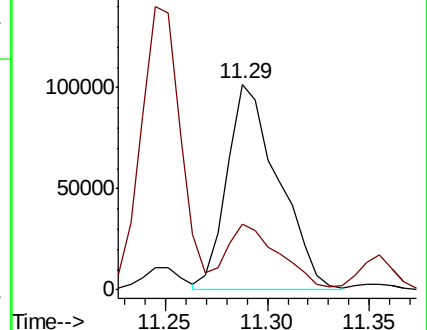
75 100

77 32.9 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.789 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

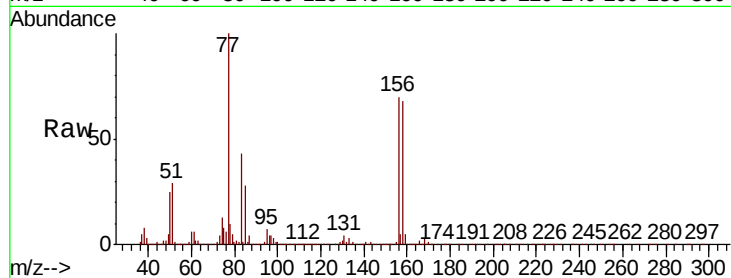
Tot Ion:156 Resp: 123670

Ion Ratio Lower Upper

156 100

77 152.2 76.5 229.5

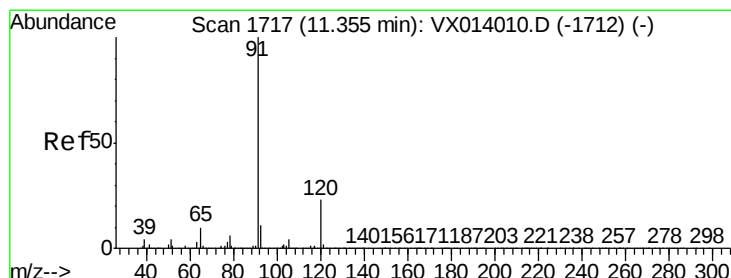
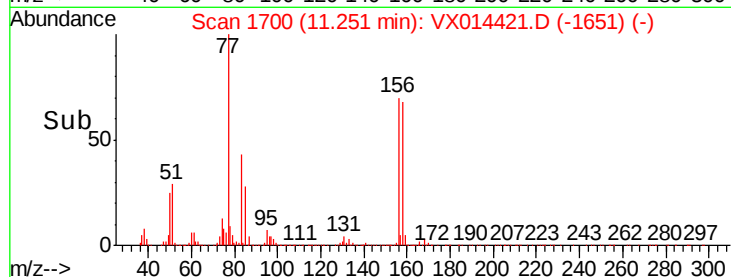
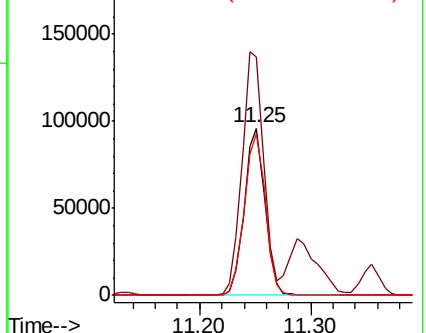
158 98.4 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.777 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014421.D

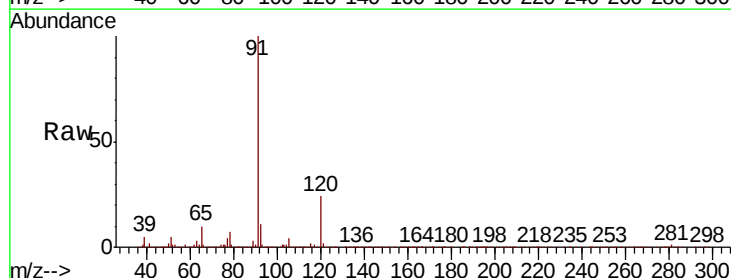
Acq: 06 Jan 2020 12:35

Tgt Ion: 91 Resp: 530681

Ion Ratio Lower Upper

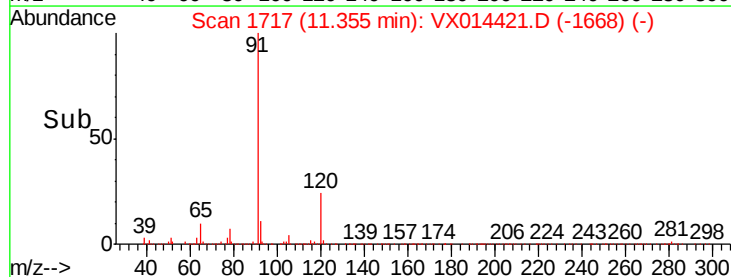
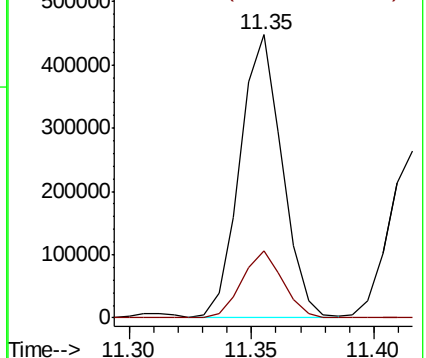
91 100

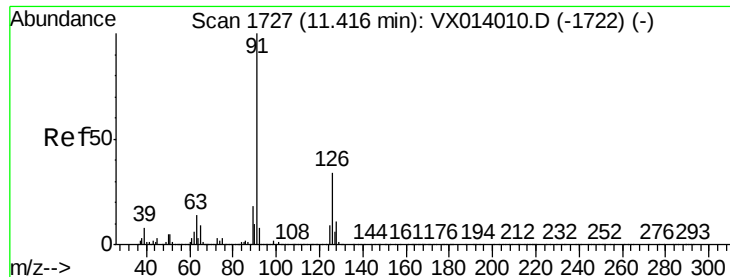
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.589 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

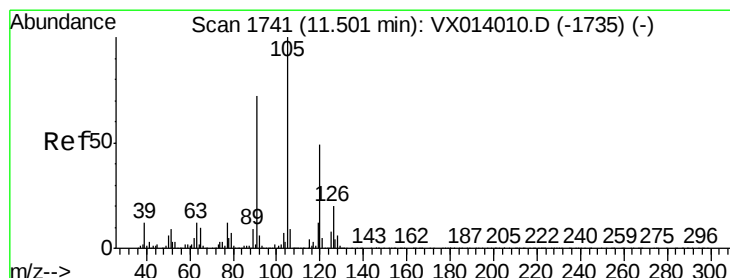
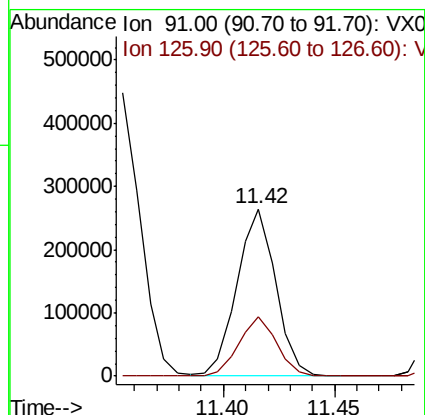
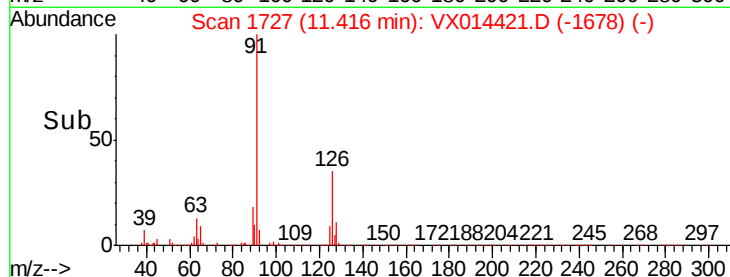
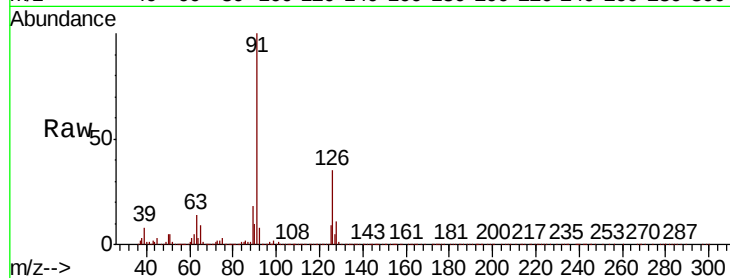
ClientSampled :

Tot Ion: 91 Resp: 319521

Ion Ratio Lower Upper

91 100

126 35.0 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.687 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014421.D

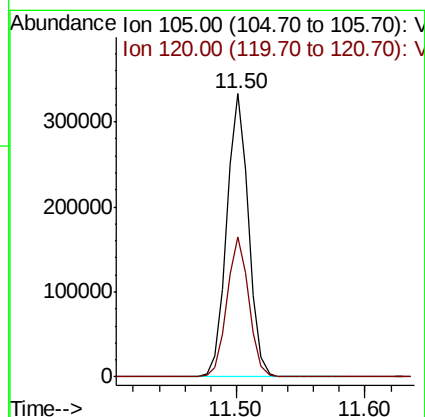
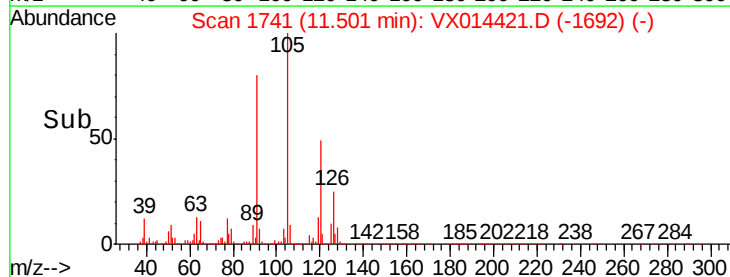
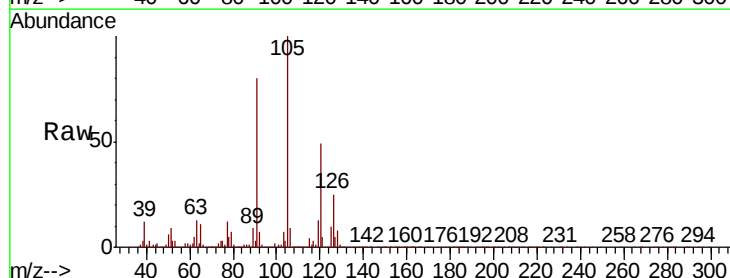
Acq: 06 Jan 2020 12:35

Tgt Ion: 105 Resp: 396370

Ion Ratio Lower Upper

105 100

120 49.7 25.3 75.8

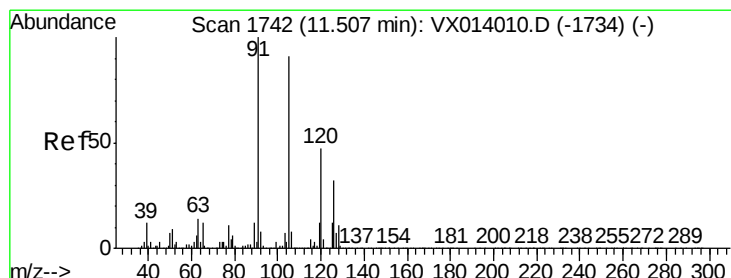
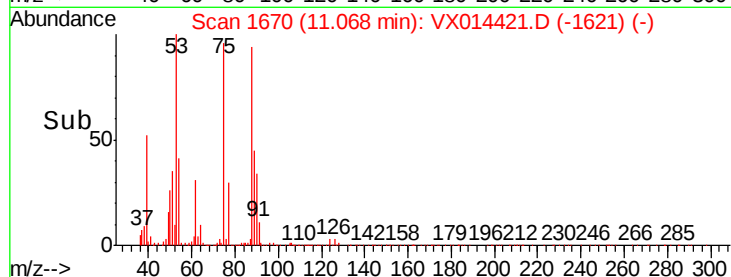
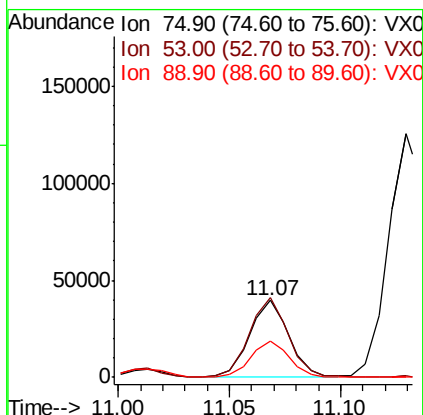
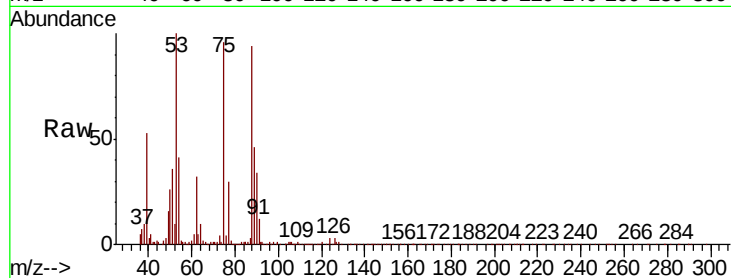




#81
trans-1,4-Dichloro-2-butene
Concen: 18.225 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

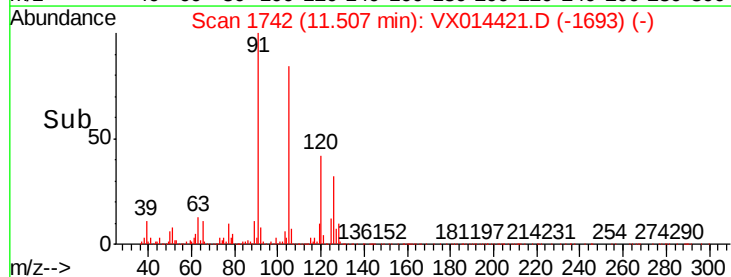
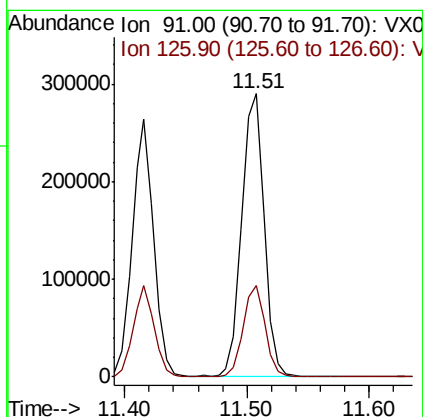
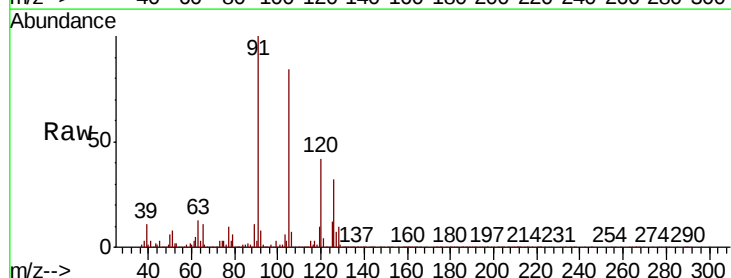
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 47629
Ion Ratio Lower Upper
75 100
53 104.1 76.7 115.1
89 48.5 34.6 51.8



#82
4-Chlorotoluene
Concen: 19.371 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion: 91 Resp: 366511
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.8





#83

tert-Butylbenzene

Concen: 19.487 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014421.D

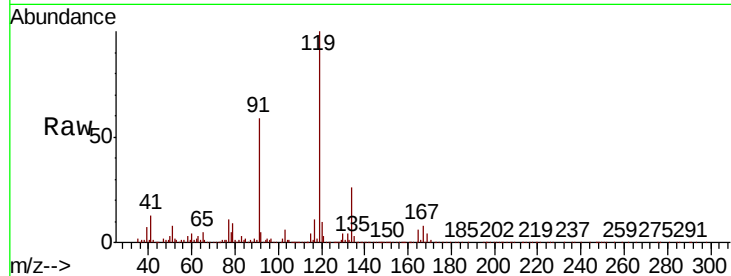
Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

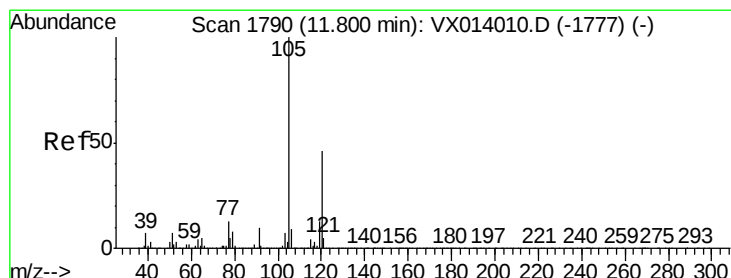
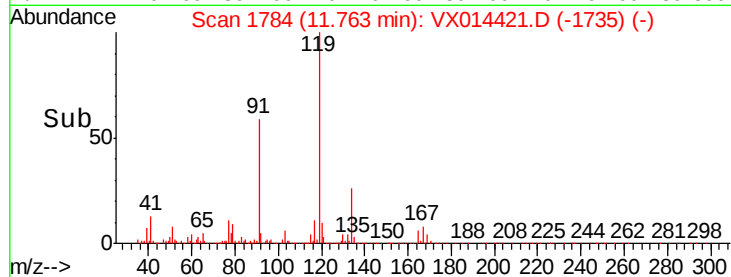
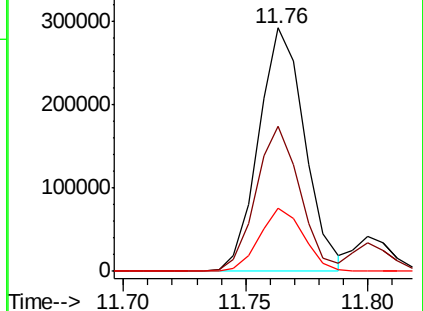
Tot Ion:	119	Resp:	381813
Ion	Ratio	Lower	Upper
119	100		
91	57.0	28.5	85.6
134	24.8	12.2	36.6



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: 19.747 ug/l

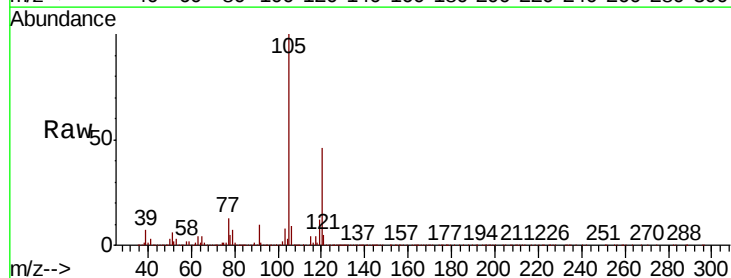
RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014421.D

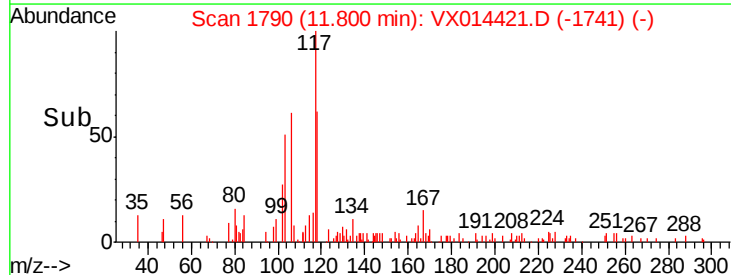
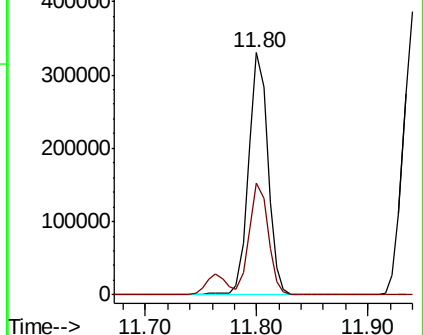
Acq: 06 Jan 2020 12:35

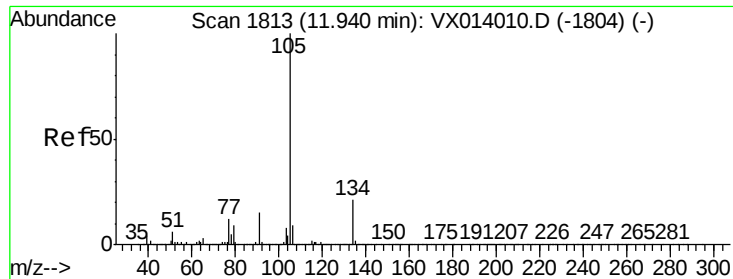
Tgt Ion:	105	Resp:	398147
Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.1	69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

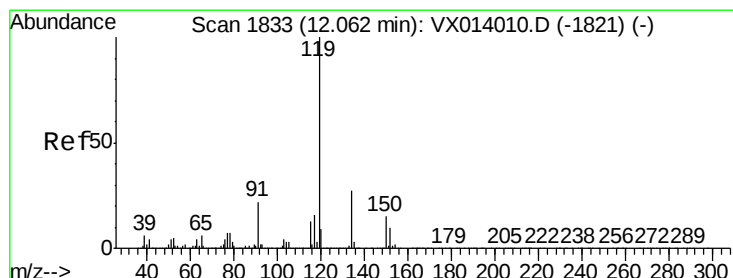
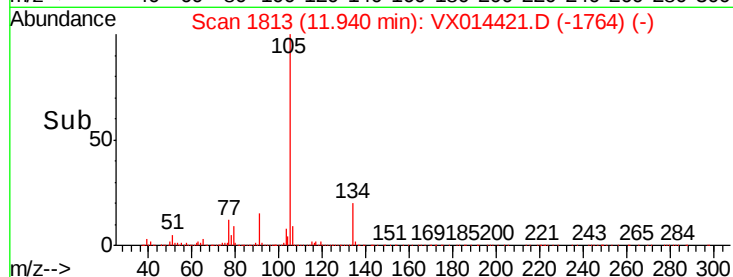
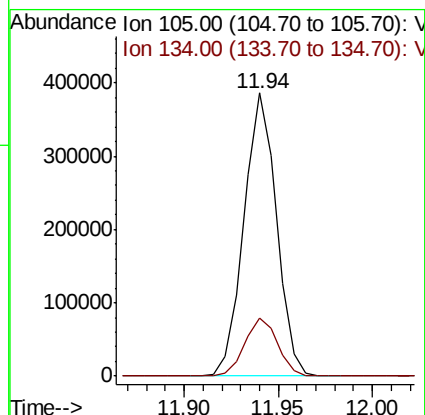
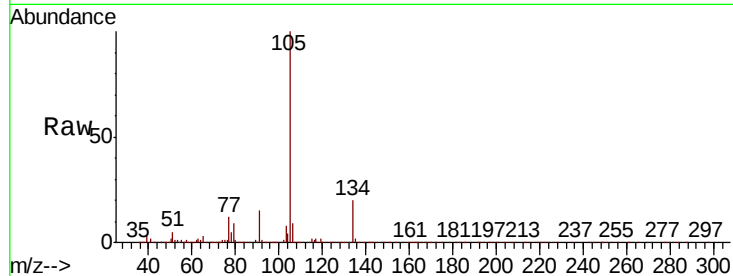




#85
 sec-Butylbenzene
 Concen: 19.984 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014421.D
 Acq: 06 Jan 2020 12:35

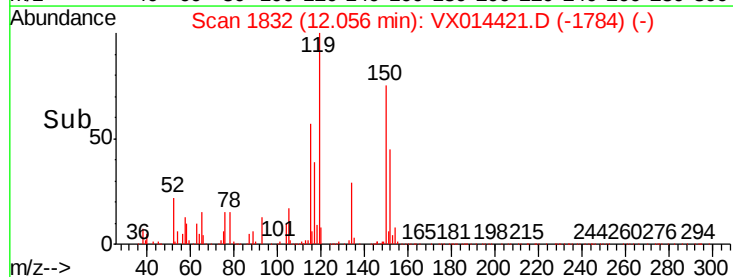
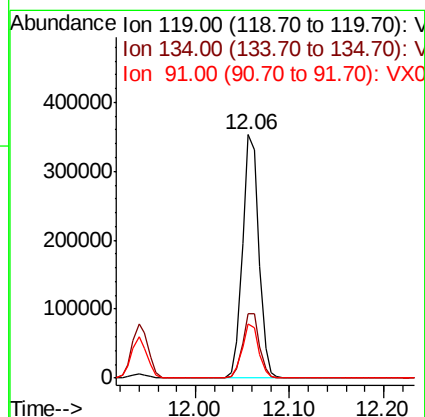
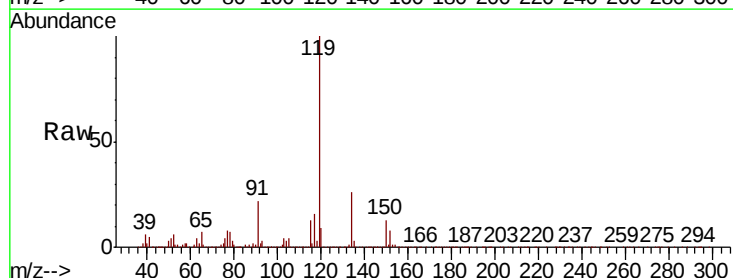
Instrument :
 MSVOA_X
 ClientSampleId :

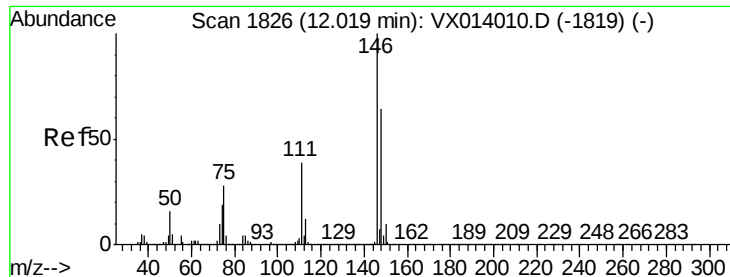
Tot Ion:105 Resp: 462232
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.067 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014421.D
 Acq: 06 Jan 2020 12:35

Tgt Ion:119 Resp: 424569
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 22.4 11.4 34.1

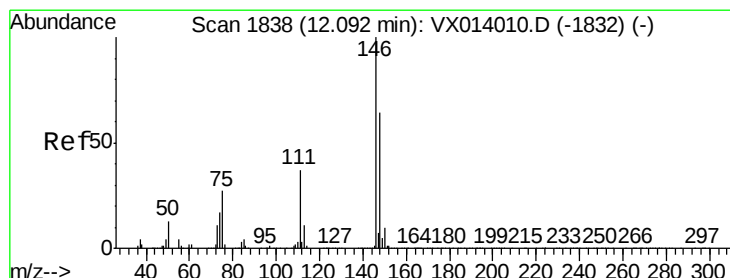
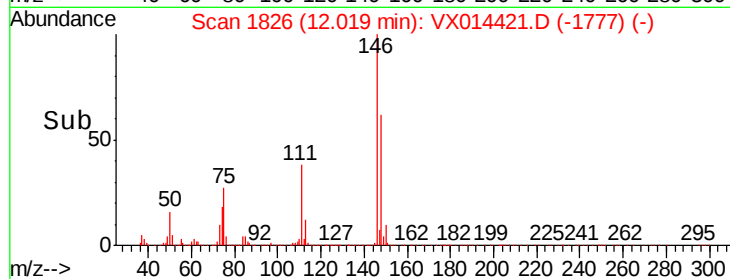
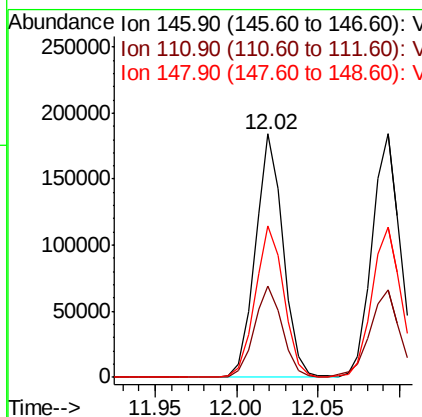
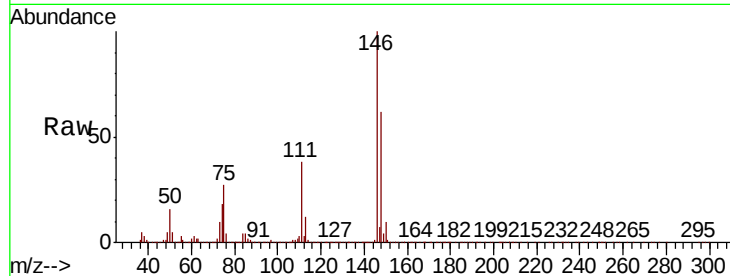




#87
 1,3-Dichlorobenzene
 Concen: 18.854 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014421.D
 Acq: 06 Jan 2020 12:35

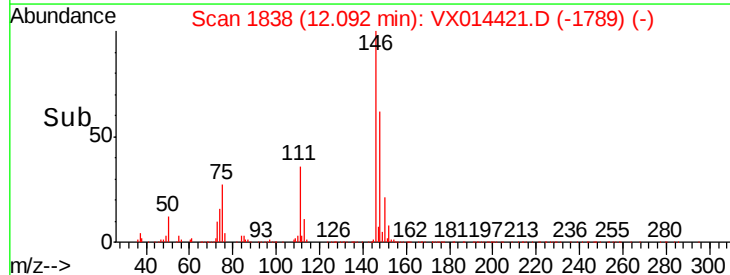
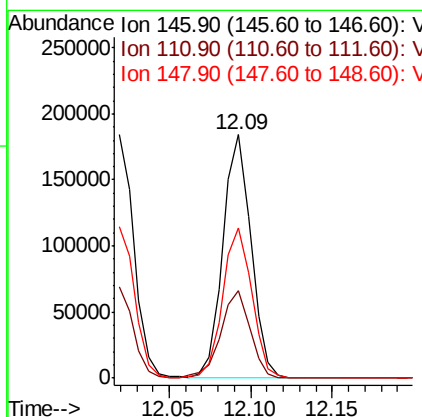
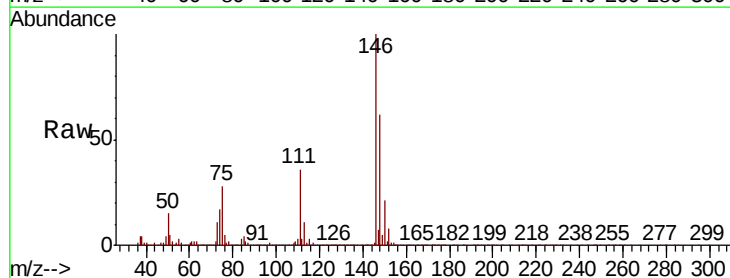
Instrument :
 MSVOA_X
 ClientSampleId :

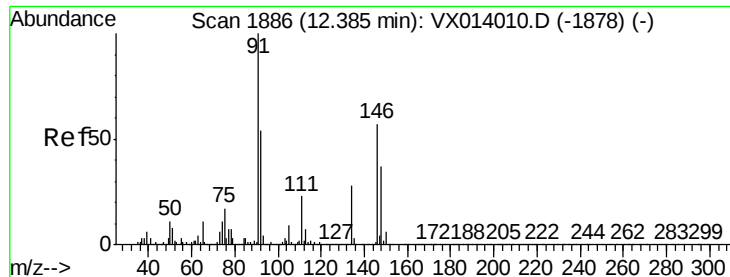
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	64.1	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 18.821 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014421.D
 Acq: 06 Jan 2020 12:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.7	56.1
148	64.3	31.9	95.9

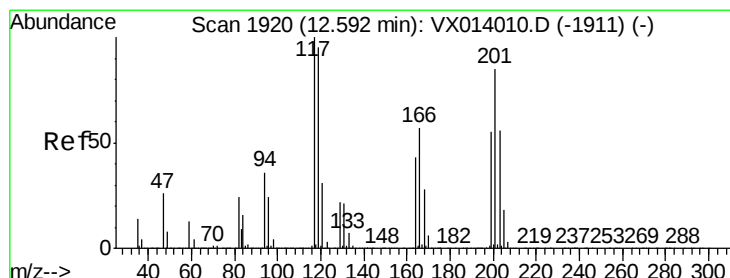
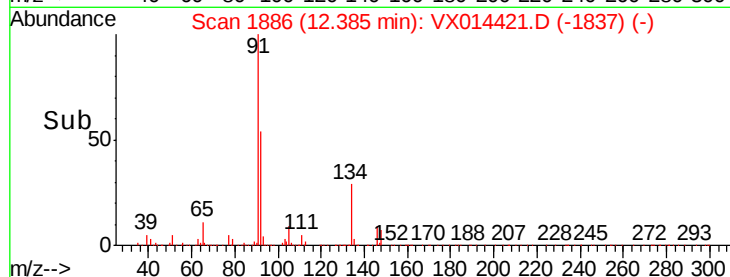
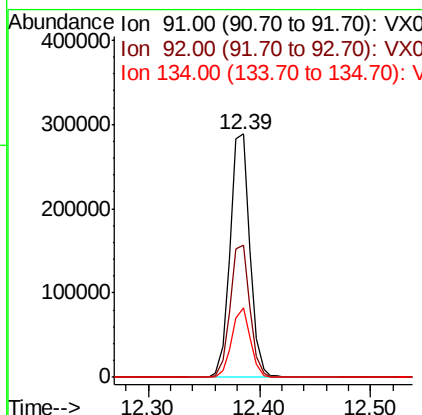
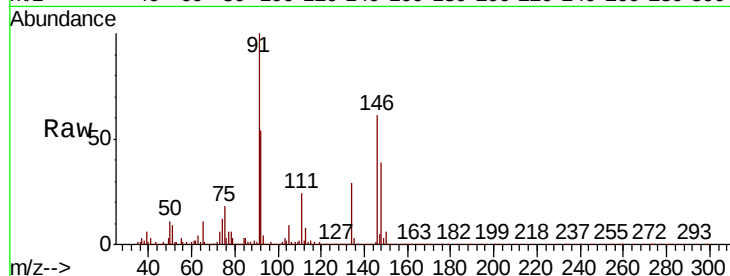




#89
n-Butylbenzene
Concen: 19.572 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

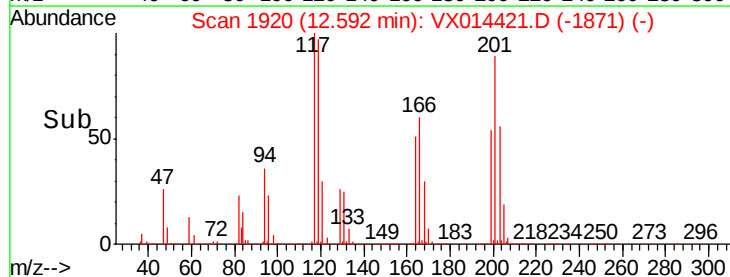
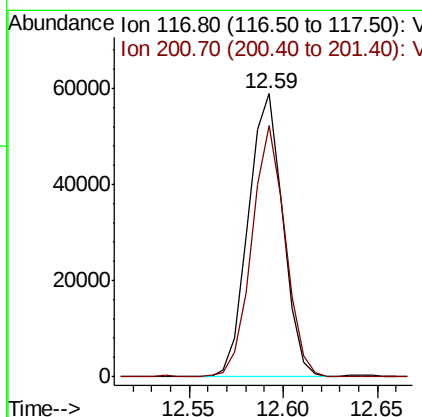
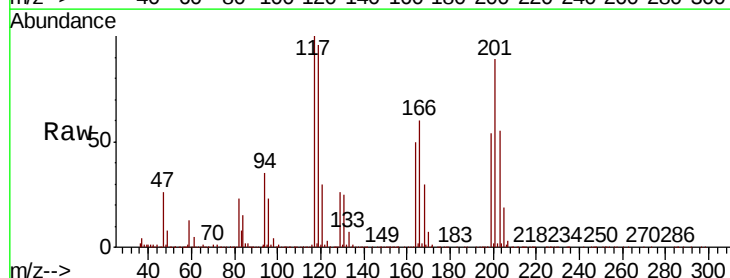
Instrument :
MSVOA_X
ClientSampleId :

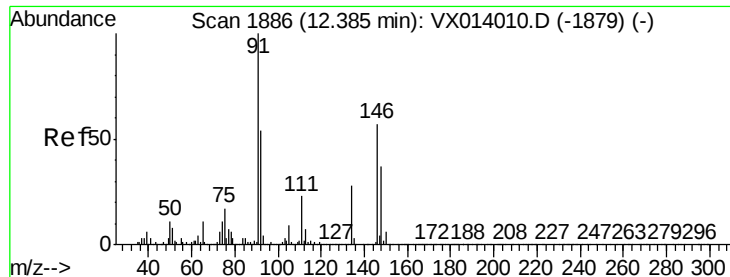
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.2	81.6
134	27.2	13.4	40.1



#90
Hexachloroethane
Concen: 19.680 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.5	43.1	129.3





#91

1,2-Dichlorobenzene

Concen: 18.667 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

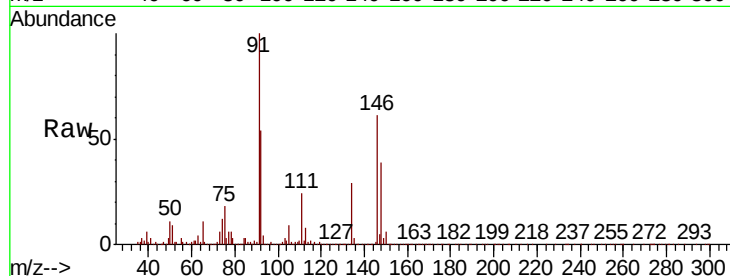
Tot Ion:146 Resp: 216768

Ion Ratio Lower Upper

146 100

111 38.9 19.7 59.1

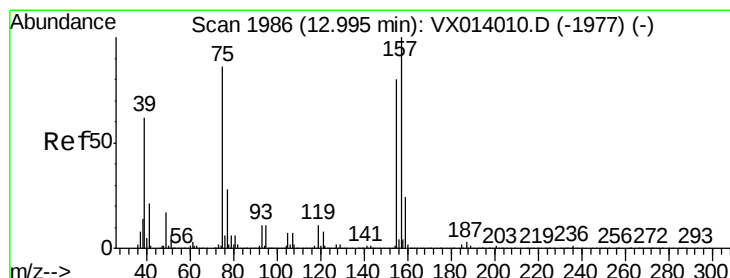
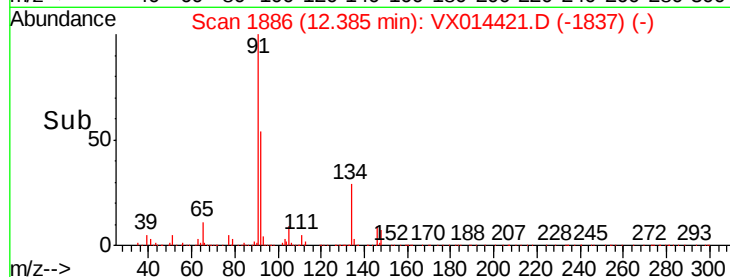
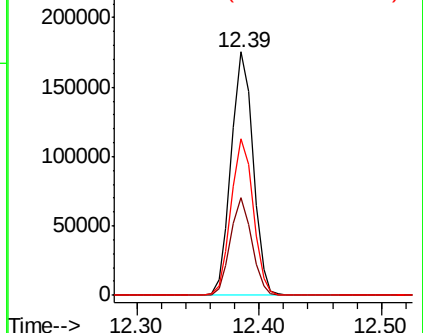
148 64.9 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.920 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

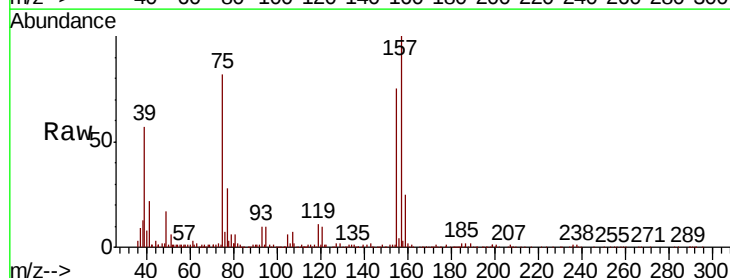
Tgt Ion: 75 Resp: 32890

Ion Ratio Lower Upper

75 100

155 92.5 46.9 140.6

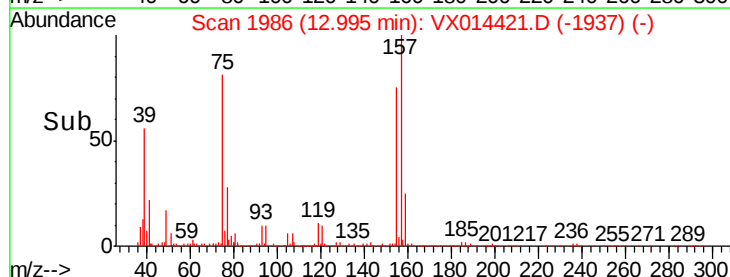
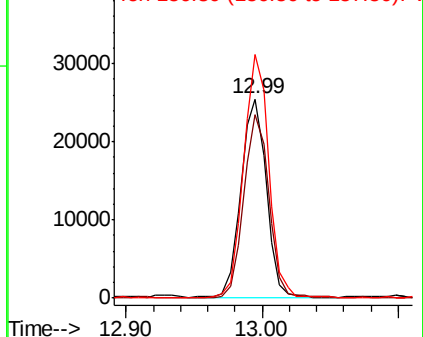
157 122.6 60.8 182.4

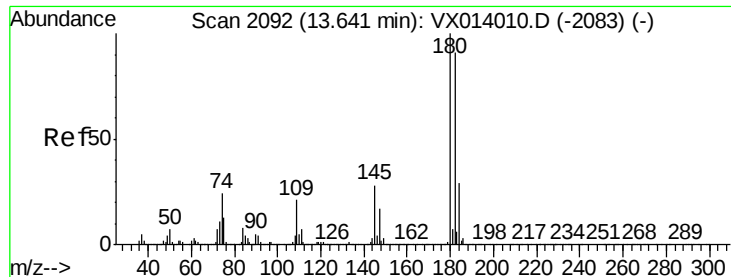


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

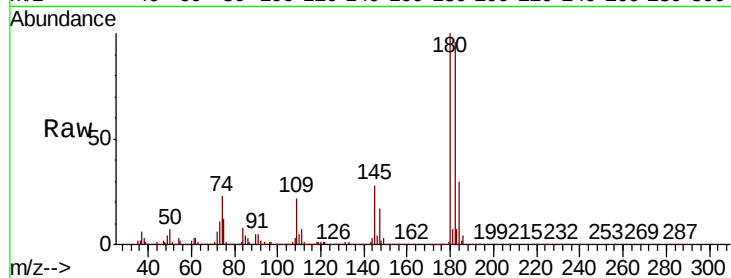




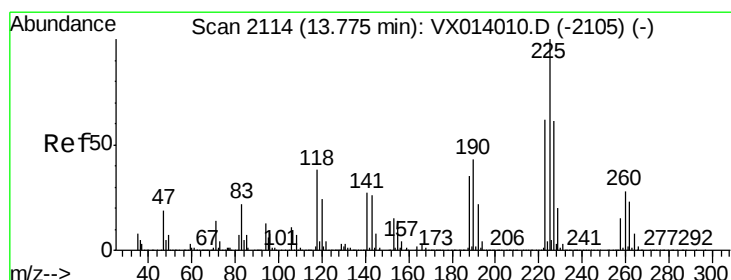
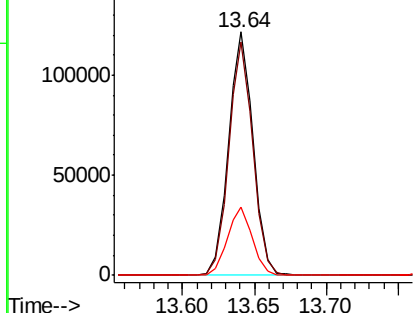
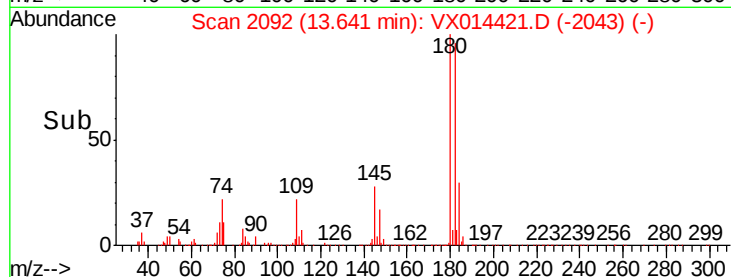
#93
 1,2,4-Trichlorobenzene
 Concen: 19.359 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014421.D
 Acq: 06 Jan 2020 12:35

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 146114
 Ion Ratio Lower Upper
 180 100
 182 93.9 46.6 139.8
 145 28.2 14.2 42.6

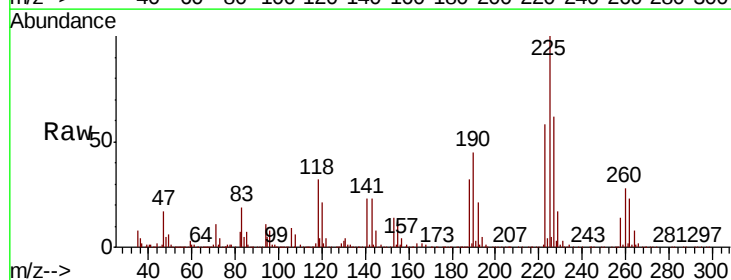


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

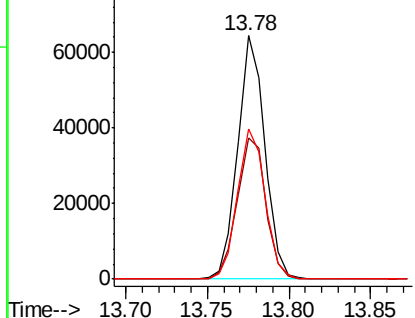
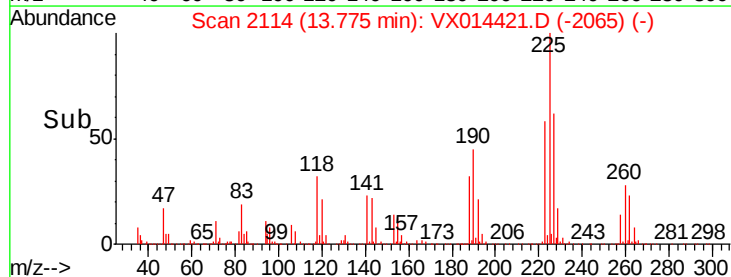


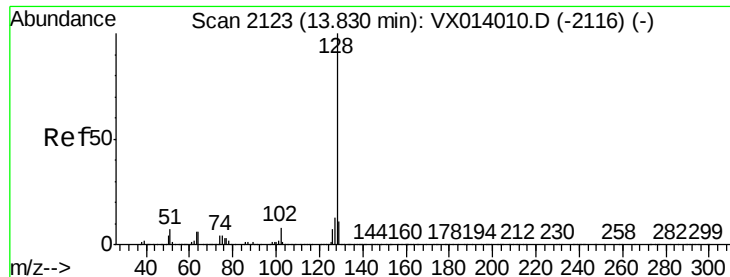
#94
 Hexachlorobutadiene
 Concen: 20.633 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014421.D
 Acq: 06 Jan 2020 12:35

Tgt Ion:225 Resp: 74843
 Ion Ratio Lower Upper
 225 100
 223 61.3 30.9 92.5
 227 62.8 30.9 92.7



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

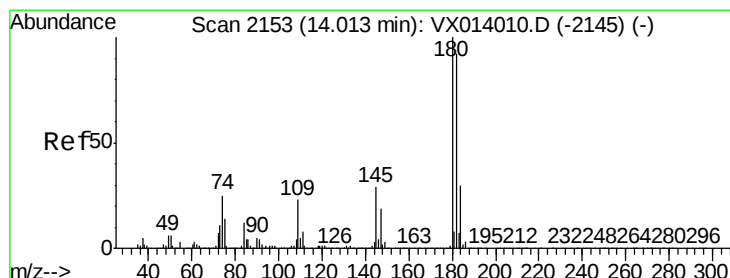
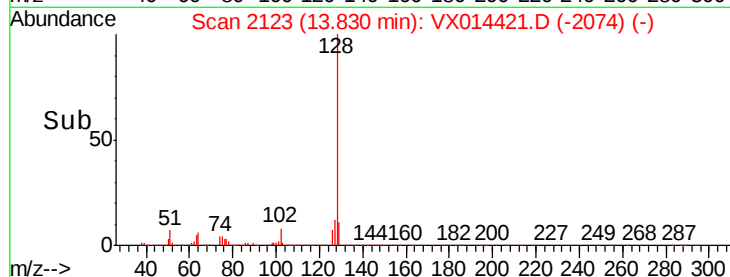
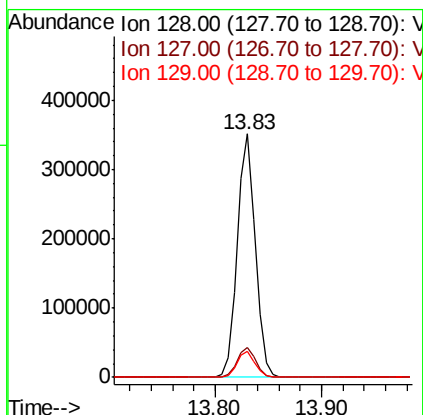
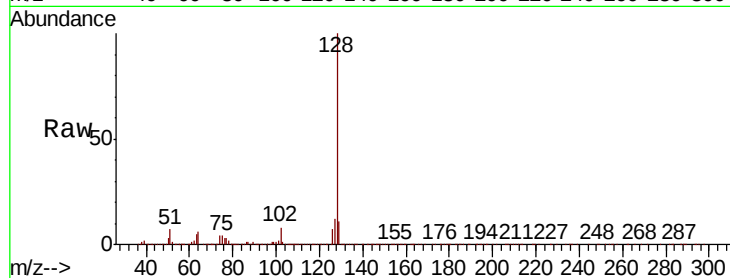




#95
Naphthalene
Concen: 18.897 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.623 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.8	140.3
145	29.5	14.8	44.4

