

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010620\
 Data File : VX014430.D
 Acq On : 06 Jan 2020 16:19
 Operator : JC/SP
 Sample : VX0106WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 16:47:33 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	503728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	768224	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	690573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	341014	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	282328	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
35) Dibromofluoromethane	5.49	113	236198	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
50) Toluene-d8	8.71	98	902097	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.13	95	323472	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	64569	14.328	ug/l	98
3) Chloromethane	1.32	50	93267	15.422	ug/l	100
4) Vinyl Chloride	1.40	62	100156	15.695	ug/l	99
5) Bromomethane	1.63	94	76689	16.932	ug/l	99
6) Chloroethane	1.72	64	67113	17.040	ug/l	99
7) Trichlorofluoromethane	1.92	101	137728	17.435	ug/l	98
8) Diethyl Ether	2.18	74	65349	17.626	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	84967	17.843	ug/l	97
10) Methyl Iodide	2.50	142	115530	20.053	ug/l	99
11) Tert butyl alcohol	3.03	59	115583	93.696	ug/l	99
12) 1,1-Dichloroethene	2.37	96	83701	17.274	ug/l	92
13) Acrolein	2.28	56	53748	76.114	ug/l	97
14) Allyl chloride	2.72	41	157131	18.162	ug/l	99
15) Acrylonitrile	3.13	53	272993	94.812	ug/l	99
16) Acetone	2.43	43	237899	64.186	ug/l	100
17) Carbon Disulfide	2.56	76	184276	14.243	ug/l	100
18) Methyl Acetate	2.76	43	143405	19.526	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	312884	19.650	ug/l	98
20) Methylene Chloride	2.85	84	122127	20.924	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	89890	16.839	ug/l	100
22) Diisopropyl ether	3.84	45	334895	19.425	ug/l	99
23) Vinyl Acetate	3.80	43	1379328	98.039	ug/l	100
24) 1,1-Dichloroethane	3.69	63	175187	18.264	ug/l	100
25) 2-Butanone	4.66	43	384245	84.088	ug/l	98
26) 2,2-Dichloropropane	4.58	77	138932	18.655	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	110817	18.355	ug/l	94
28) Bromochloromethane	5.00	49	77470	21.264	ug/l	97
29) Tetrahydrofuran	5.11	42	245660	96.116	ug/l	100
30) Chloroform	5.20	83	173732	19.106	ug/l	99
31) Cyclohexane	5.57	56	141891	16.632	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	145624	18.791	ug/l	99
36) 1,1-Dichloropropene	5.79	75	122290	17.349	ug/l	99
37) Ethyl Acetate	4.82	43	152324	19.569	ug/l	99
38) Carbon Tetrachloride	5.78	117	118638	18.475	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010620\
 Data File : VX014430.D
 Acq On : 06 Jan 2020 16:19
 Operator : JC/SP
 Sample : VX0106WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 16:47:33 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	7.46	83	148088	17.014	ug/l	98
40) Benzene	6.14	78	393014	18.121	ug/l	98
41) Methacrylonitrile	5.03	41	83426	19.316	ug/l	97
42) 1,2-Dichloroethane	6.18	62	140720	19.141	ug/l	99
43) Isopropyl Acetate	6.43	43	255555	19.838	ug/l	99
44) Trichloroethene	7.21	130	109936	18.351	ug/l	98
45) 1,2-Dichloropropane	7.51	63	104823	18.857	ug/l	96
46) Dibromomethane	7.65	93	67596	18.392	ug/l	98
47) Bromodichloromethane	7.89	83	135283	19.544	ug/l	99
48) Methyl methacrylate	7.76	41	120418	19.090	ug/l	99
49) 1,4-Dioxane	7.73	88	45708	356.066	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	772525	95.489	ug/l	99
52) Toluene	8.78	92	254489	18.564	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	147777	19.470	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	163081	19.287	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	104635	19.044	ug/l	99
56) Ethyl methacrylate	9.17	69	170690	19.777	ug/l	99
57) 1,3-Dichloropropane	9.37	76	175073	18.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	323632	99.087	ug/l	100
59) 2-Hexanone	9.48	43	586640	90.078	ug/l	100
60) Dibromochloromethane	9.57	129	106330	19.469	ug/l	98
61) 1,2-Dibromoethane	9.67	107	108040	19.219	ug/l	99
64) Tetrachloroethene	9.33	164	127935	20.936	ug/l	98
65) Chlorobenzene	10.14	112	270652	18.433	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	102738	19.596	ug/l	98
67) Ethyl Benzene	10.25	91	464979	18.419	ug/l	97
68) m/p-Xylenes	10.35	106	356319	36.699	ug/l	100
69) o-Xylene	10.70	106	172826	18.150	ug/l	97
70) Styrene	10.71	104	295857	18.374	ug/l	99
71) Bromoform	10.85	173	80838	19.182	ug/l #	100
73) Isopropylbenzene	11.01	105	465163	19.374	ug/l	99
74) N-amyl acetate	10.89	43	223722	19.878	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	152917	18.370	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	183239	24.751	ug/l	87
77) Bromobenzene	11.25	156	122535	18.549	ug/l	98
78) n-propylbenzene	11.35	91	511786	19.003	ug/l	100
79) 2-Chlorotoluene	11.42	91	310358	18.958	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	382425	18.925	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50267	19.164	ug/l	96
82) 4-Chlorotoluene	11.51	91	356071	18.751	ug/l	100
83) tert-Butylbenzene	11.76	119	365373	18.580	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	386412	19.095	ug/l	100
85) sec-Butylbenzene	11.94	105	441896	19.035	ug/l	100
86) p-Isopropyltoluene	12.06	119	407156	19.174	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	211044	18.228	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	215546	18.310	ug/l	99
89) n-Butylbenzene	12.39	91	337438	18.623	ug/l	99
90) Hexachloroethane	12.59	117	70467	18.475	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	215099	18.456	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32977	17.902	ug/l	95

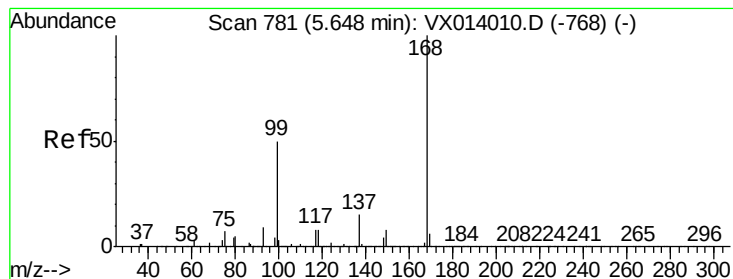
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010620\
Data File : VX014430.D
Acq On : 06 Jan 2020 16:19
Operator : JC/SP
Sample : VX0106WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 06 16:47:33 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	145273	19.178	ug/l	97
94) Hexachlorobutadiene	13.78	225	67456	18.529	ug/l	96
95) Naphthalene	13.83	128	469305	21.086	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	149034	19.930	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Instrument :

MSVOA_X

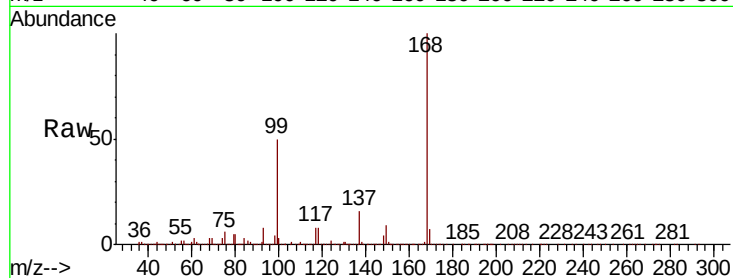
ClientSampleId :

Tot Ion:168 Resp: 503728

Ion Ratio Lower Upper

168 100

99 50.1 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

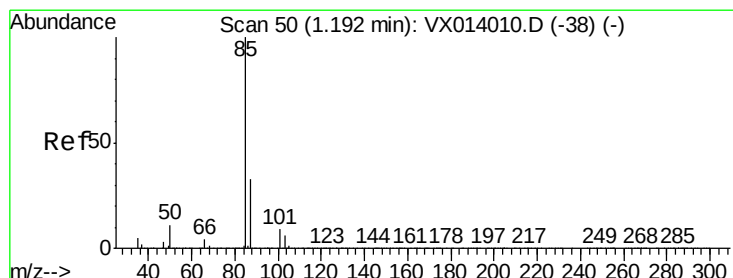
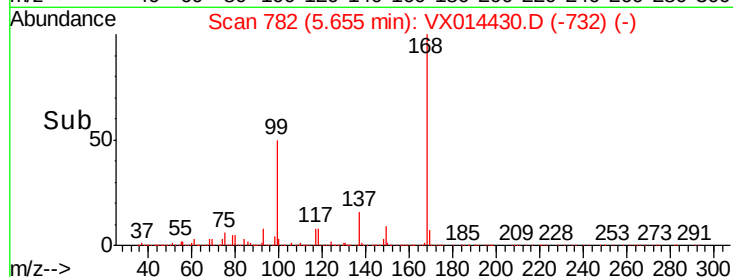
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 14.328 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014430.D

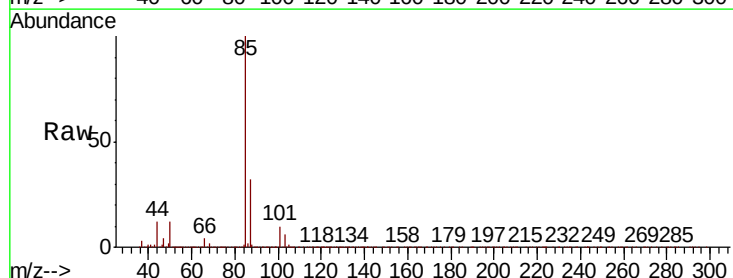
Acq: 06 Jan 2020 16:19

Tgt Ion: 85 Resp: 64569

Ion Ratio Lower Upper

85 100

87 31.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

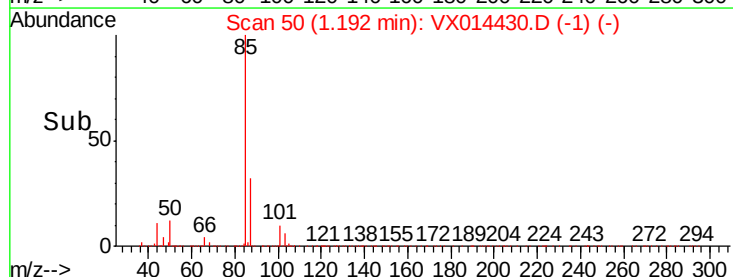
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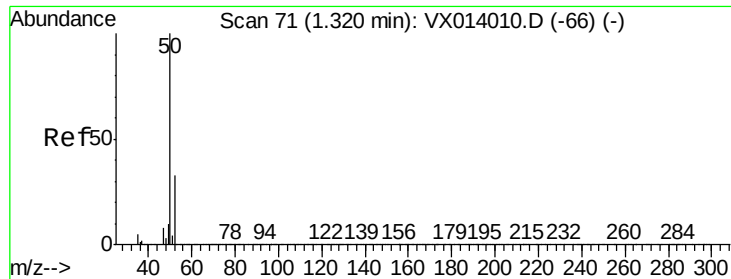
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 15.422 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Instrument :

MSVOA_X

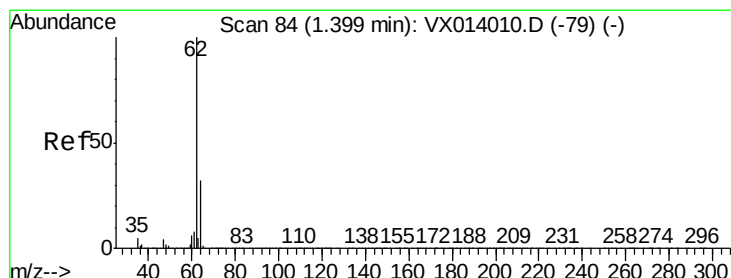
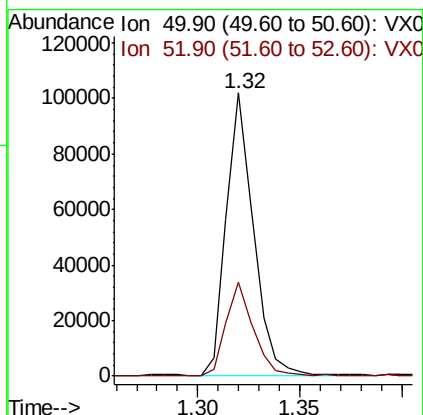
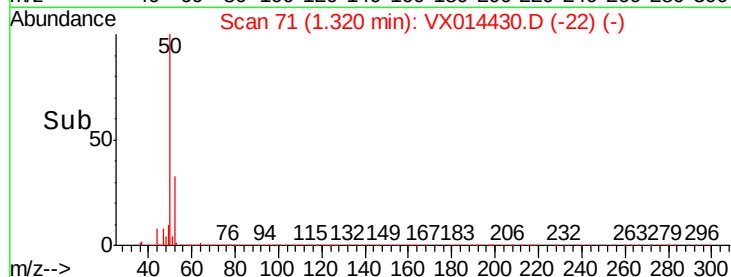
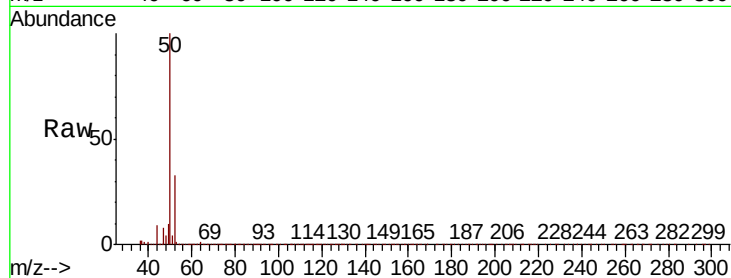
ClientSampleId :

Tot Ion: 50 Resp: 93267

Ion Ratio Lower Upper

50 100

52 33.1 26.2 39.4



#4

Vinyl Chloride

Concen: 15.695 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014430.D

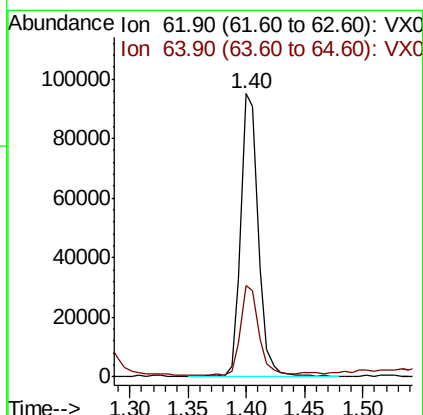
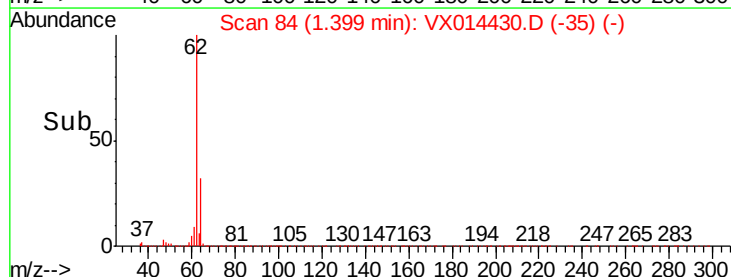
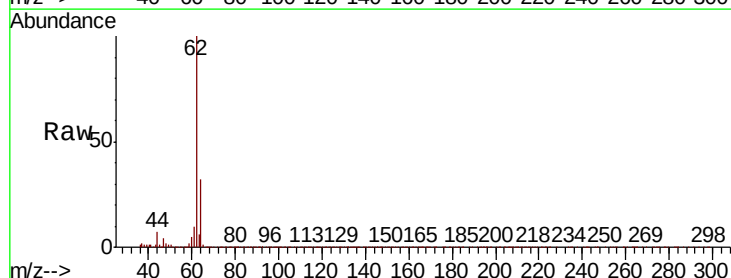
Acq: 06 Jan 2020 16:19

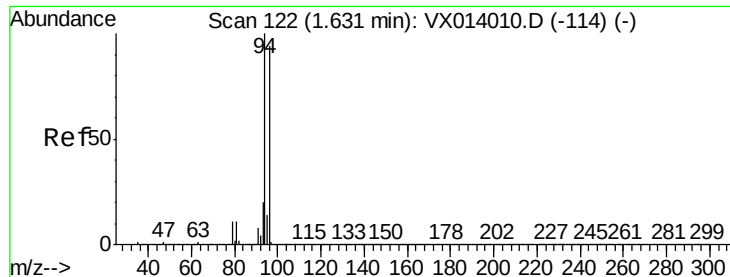
Tgt Ion: 62 Resp: 100156

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5





#5

Bromomethane

Concen: 16.932 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Instrument :

MSVOA_X

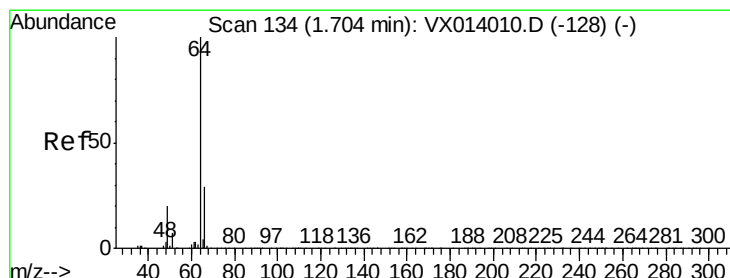
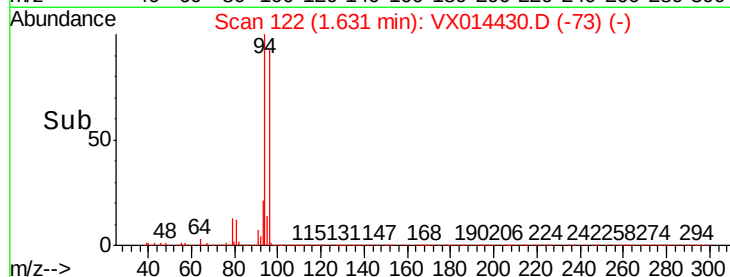
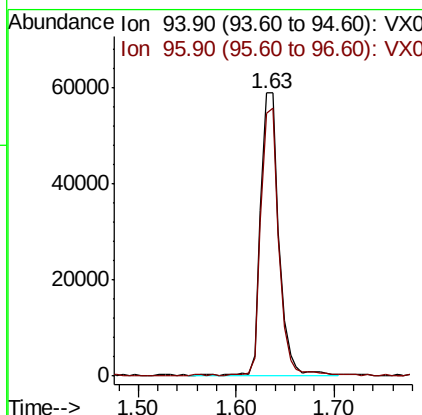
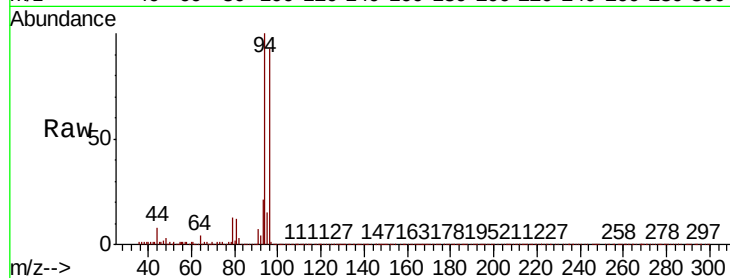
ClientSampleId :

Tot Ion: 94 Resp: 76689

Ion Ratio Lower Upper

94 100

96 92.9 75.2 112.8



#6

Chloroethane

Concen: 17.040 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014430.D

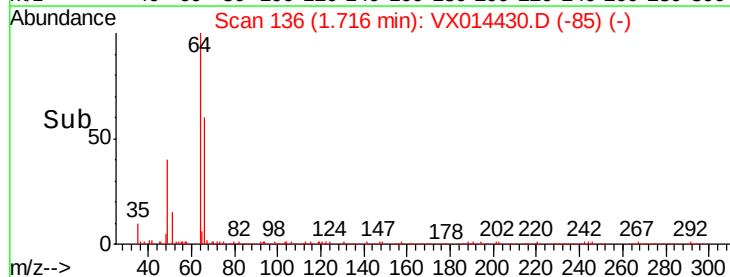
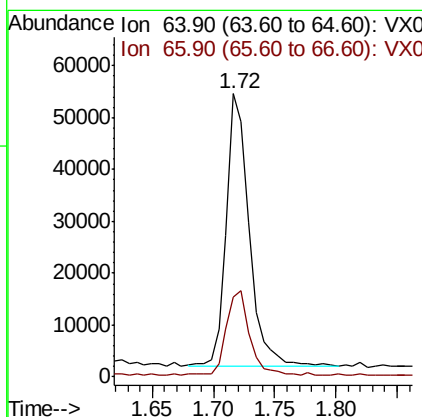
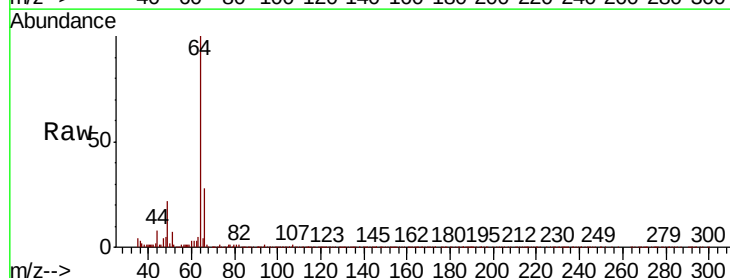
Acq: 06 Jan 2020 16:19

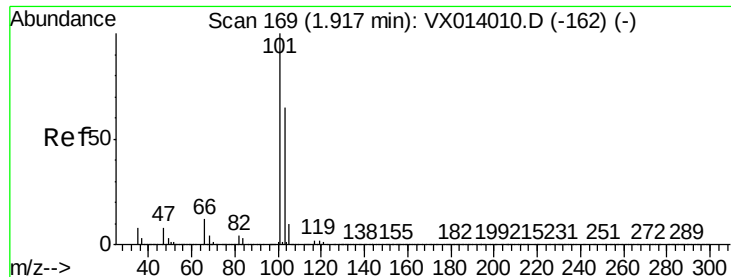
Tgt Ion: 64 Resp: 67113

Ion Ratio Lower Upper

64 100

66 28.5 23.4 35.2



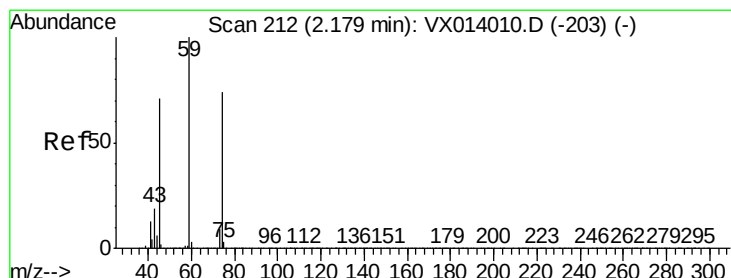
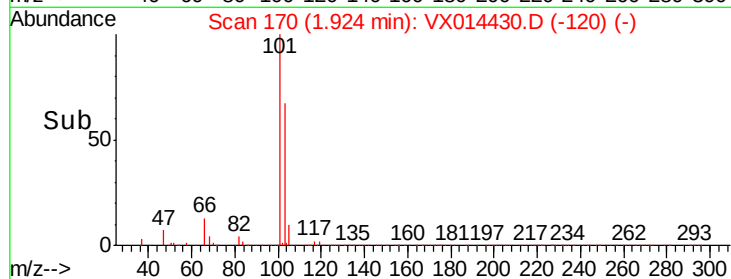
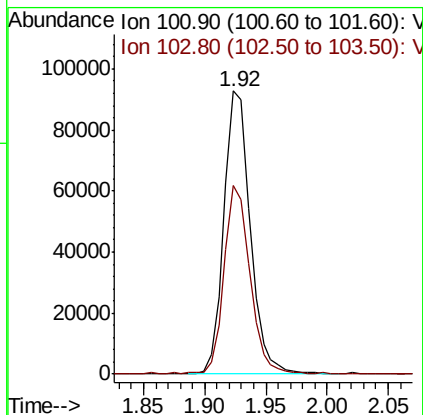
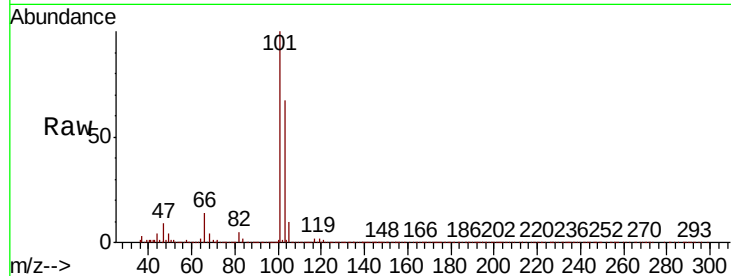


#7

Trichlorofluoromethane
Concen: 17.435 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Instrument :
MSVOA_X
ClientSampled :

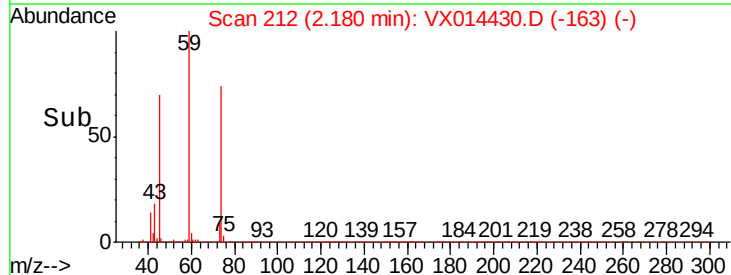
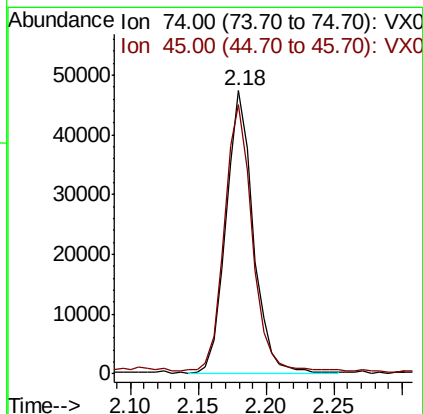
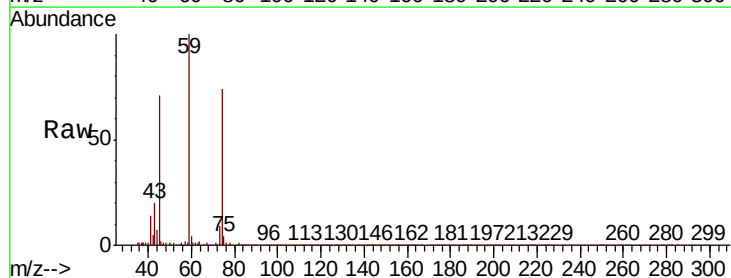
Tot Ion:101 Resp: 137728
Ion Ratio Lower Upper
101 100
103 66.7 52.2 78.4

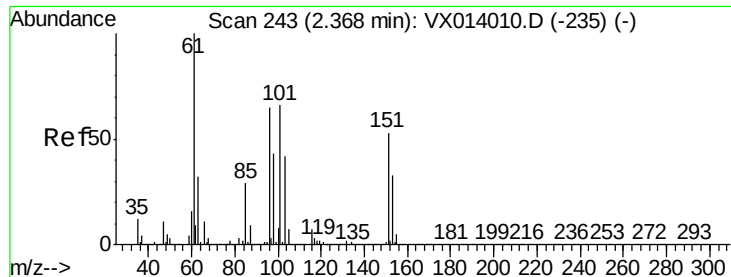


#8

Diethyl Ether
Concen: 17.626 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion: 74 Resp: 65349
Ion Ratio Lower Upper
74 100
45 97.6 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.843 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

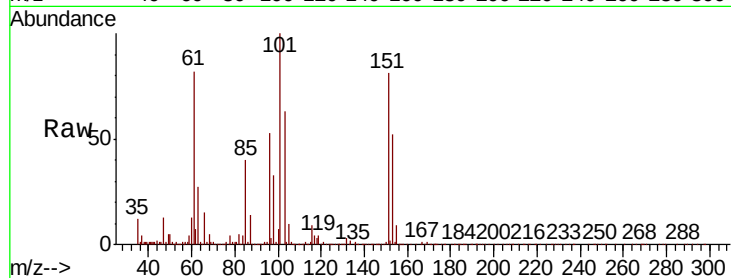
Tot Ion:101 Resp: 84967

Ion Ratio Lower Upper

101 100

85 41.2 33.7 50.5

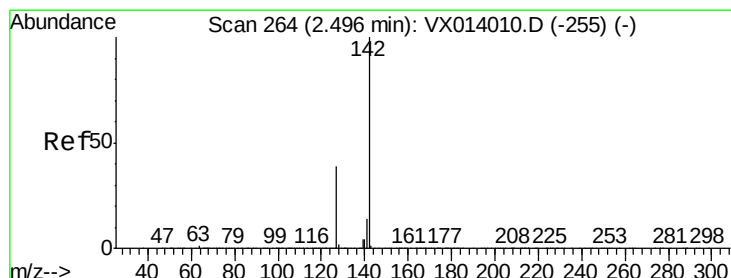
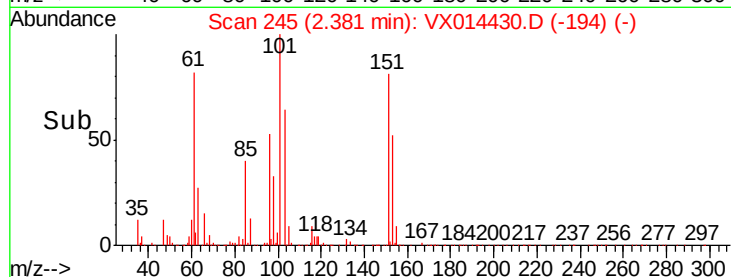
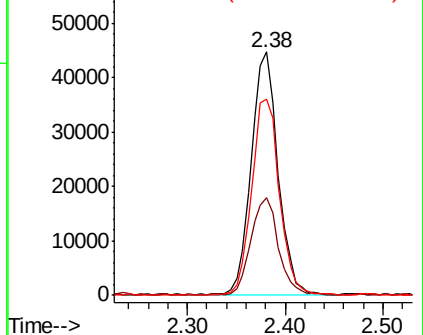
151 84.1 64.5 96.7



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: 20.053 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

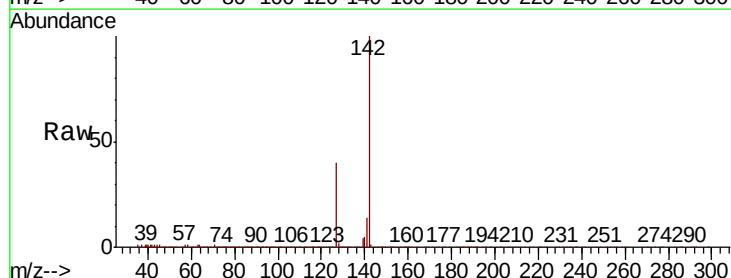
Tgt Ion:142 Resp: 115530

Ion Ratio Lower Upper

142 100

127 38.8 31.6 47.4

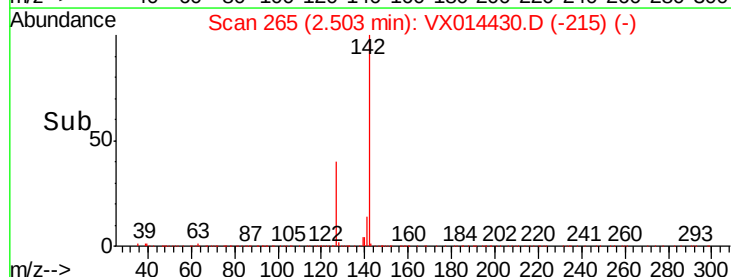
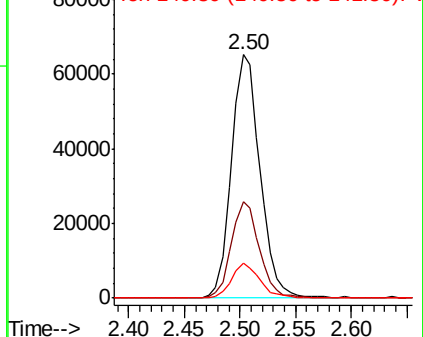
141 14.4 11.6 17.4

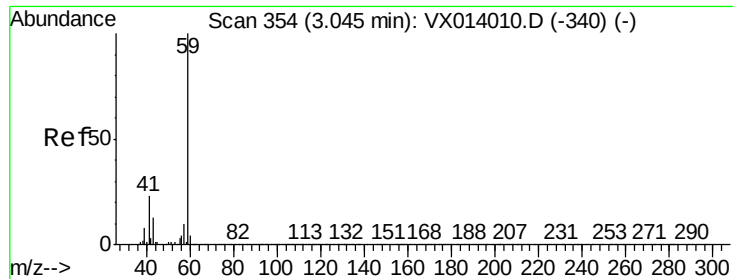


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



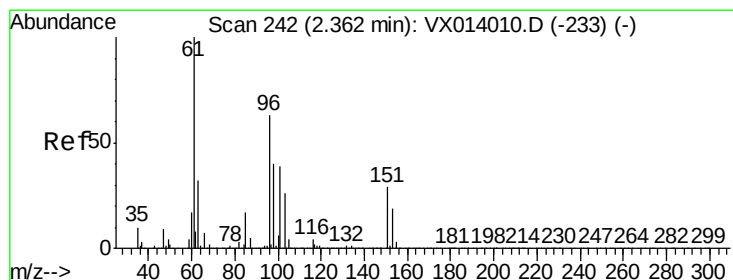
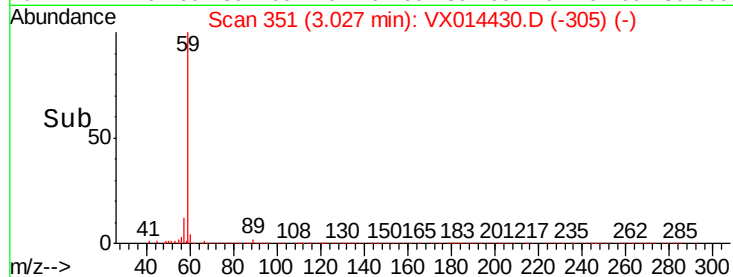
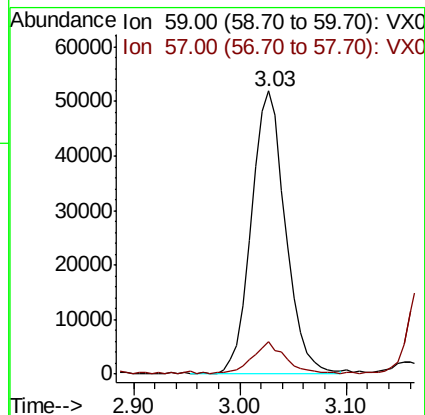
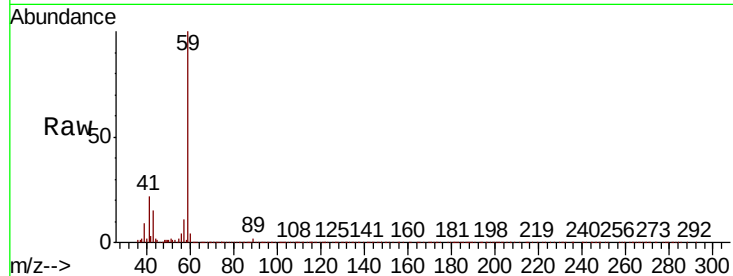


#11

Tert butyl alcohol
Concen: 93.696 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :

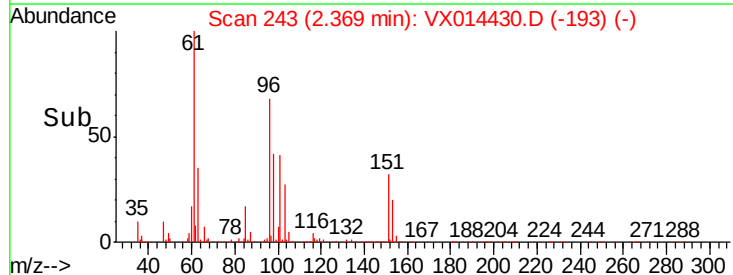
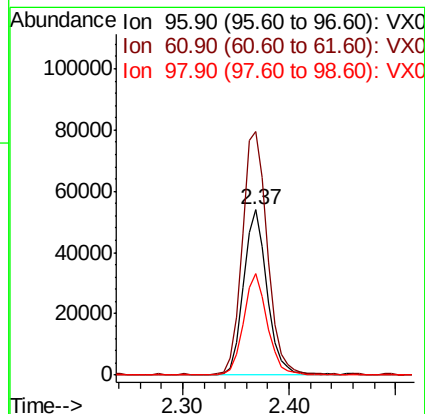
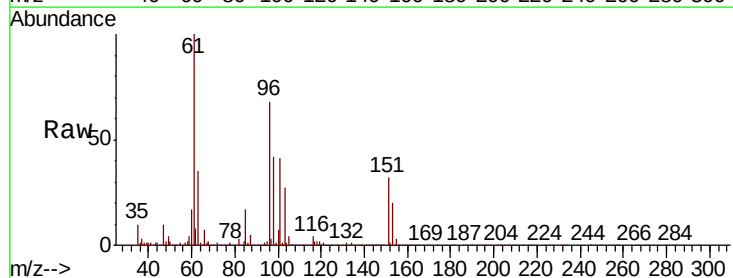
Tot Ion: 59 Resp: 115583
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6

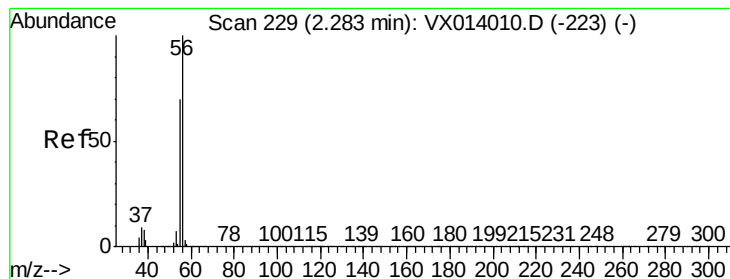


#12

1,1-Dichloroethene
Concen: 17.274 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion: 96 Resp: 83701
Ion Ratio Lower Upper
96 100
61 147.1 127.9 191.9
98 61.2 50.5 75.7





#13

Acrolein

Concen: 76.114 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Instrument :

MSVOA_X

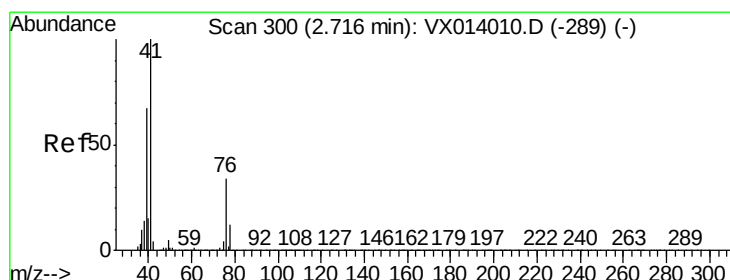
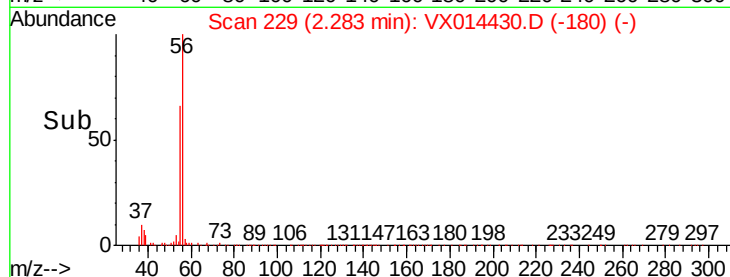
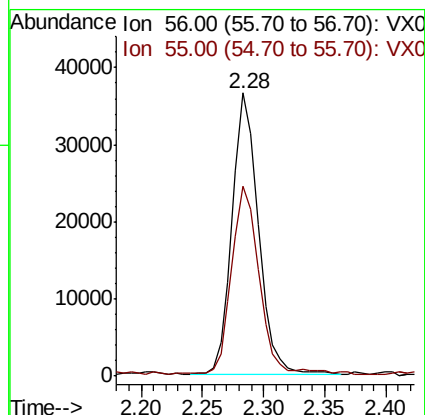
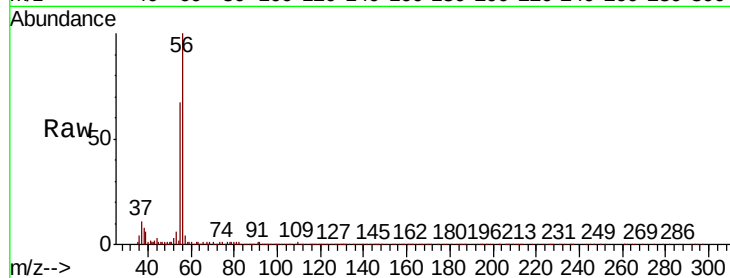
ClientSampleId :

Tot Ion: 56 Resp: 53748

Ion Ratio Lower Upper

56 100

55 68.2 56.9 85.3



#14

Allyl chloride

Concen: 18.162 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

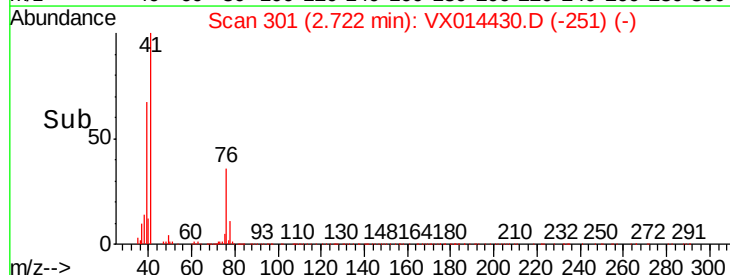
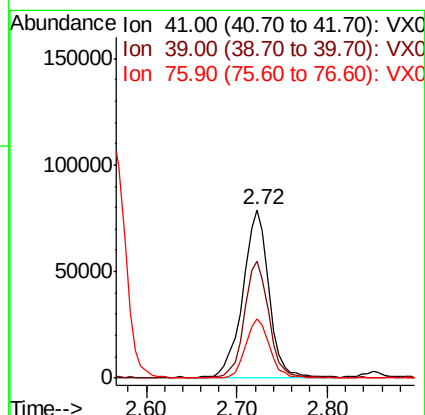
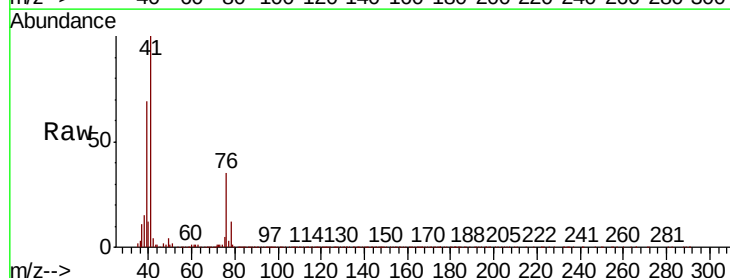
Tgt Ion: 41 Resp: 157131

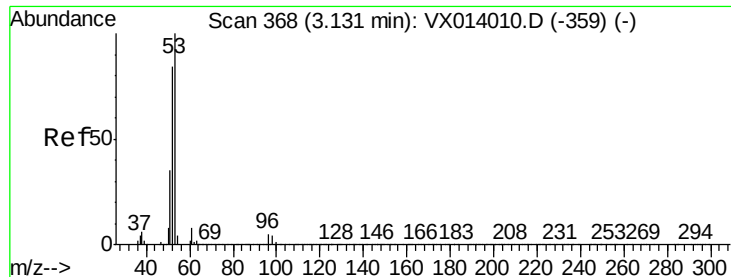
Ion Ratio Lower Upper

41 100

39 64.4 51.8 77.8

76 31.9 25.9 38.9





#15

Acrylonitrile

Concen: 94.812 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

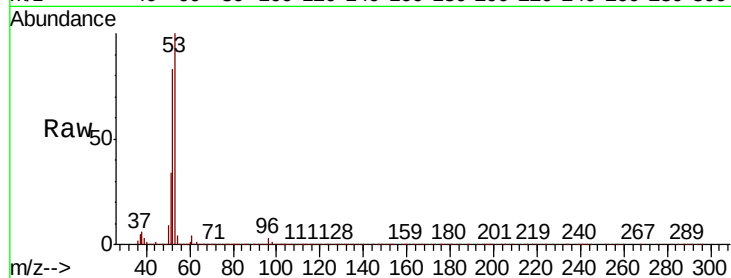
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 272993

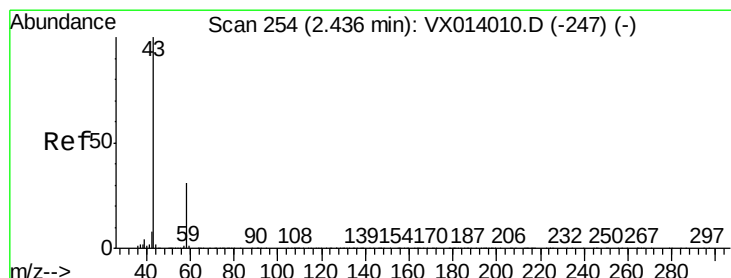
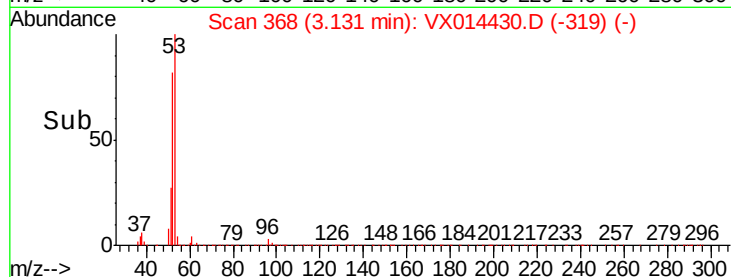
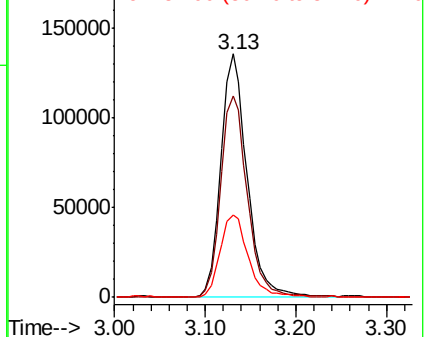
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.5	99.7
51	35.9	28.1	42.1



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: 64.186 ug/l

RT: 2.43 min Scan# 253

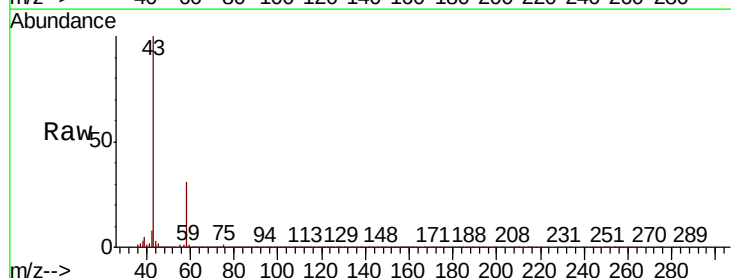
Delta R.T. -0.01 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

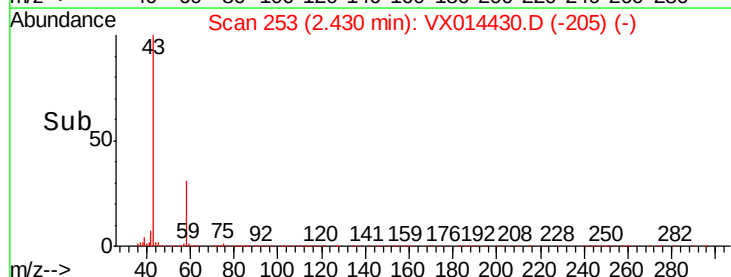
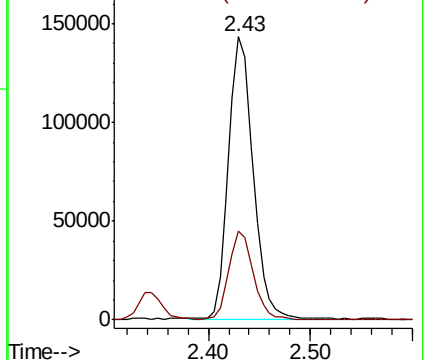
Tgt Ion: 43 Resp: 237899

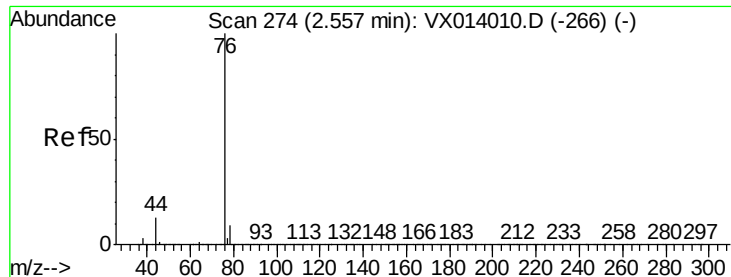
Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.9	37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.243 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Instrument :

MSVOA_X

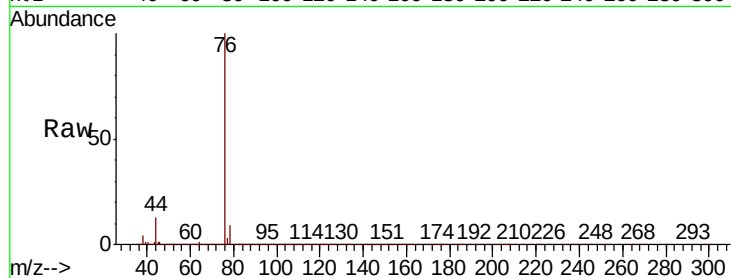
ClientSampleId :

Tot Ion: 76 Resp: 184276

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

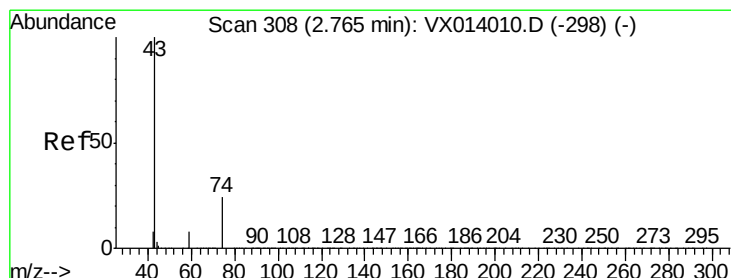
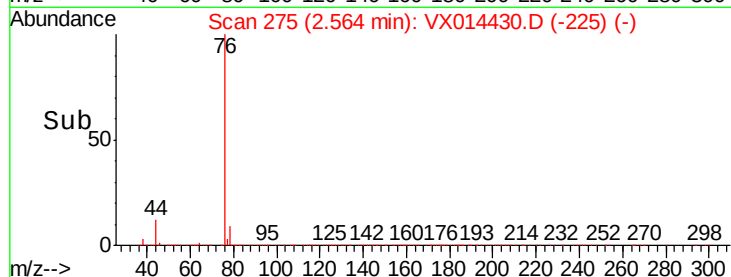
2.56

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 19.526 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014430.D

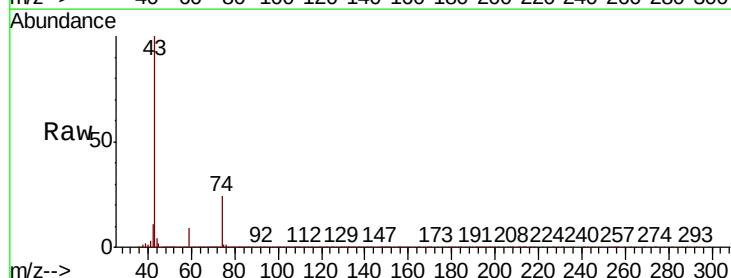
Acq: 06 Jan 2020 16:19

Tgt Ion: 43 Resp: 143405

Ion Ratio Lower Upper

43 100

74 24.0 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

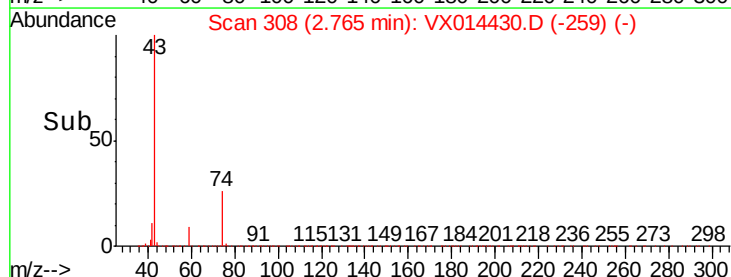
60000

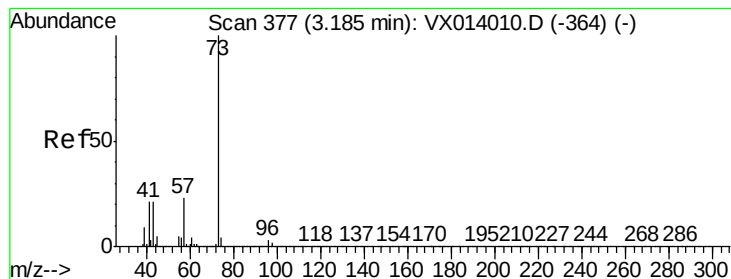
40000

20000

0

Time-->



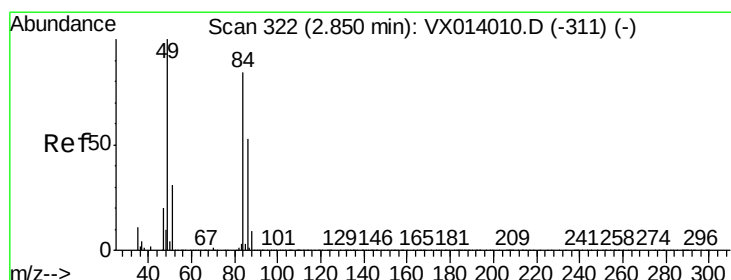
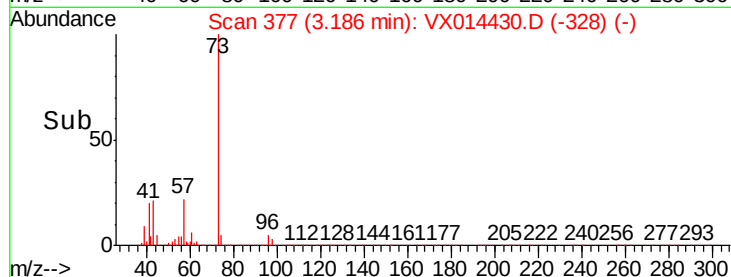
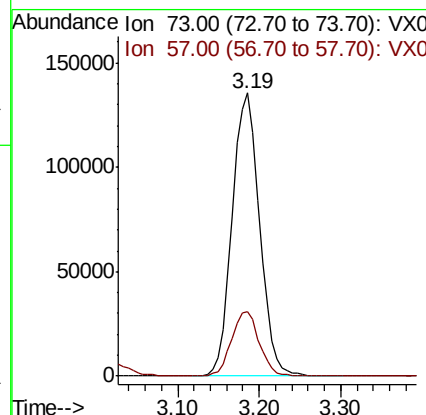
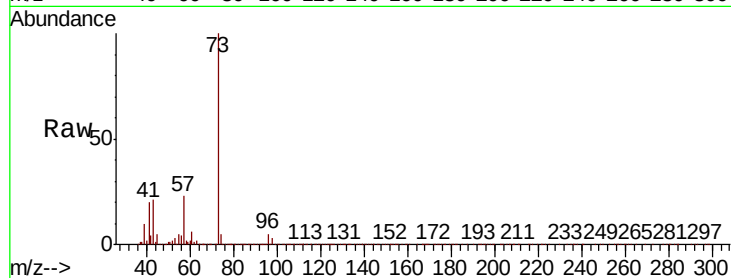


#19

Methyl tert-butyl Ether
 Concen: 19.650 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014430.D
 Acq: 06 Jan 2020 16:19

Instrument :
 MSVOA_X
 ClientSampleId :

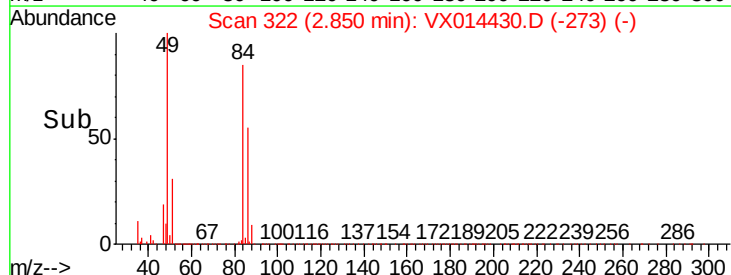
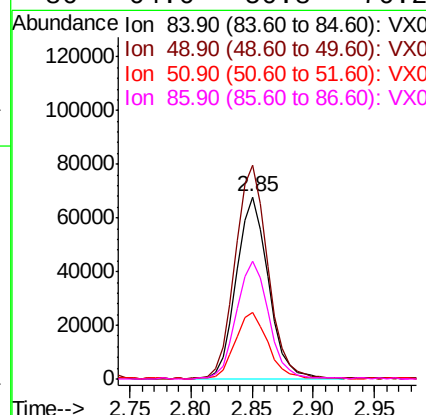
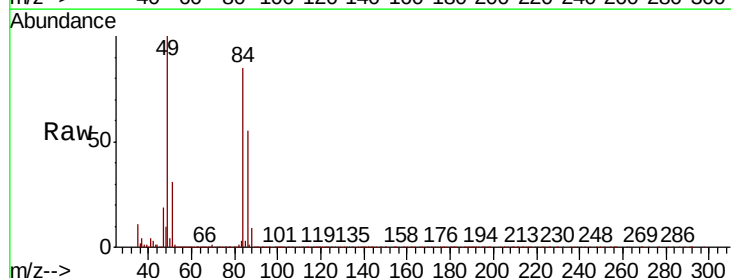
Tot Ion: 73 Resp: 312884
 Ion Ratio Lower Upper
 73 100
 57 22.4 18.8 28.2

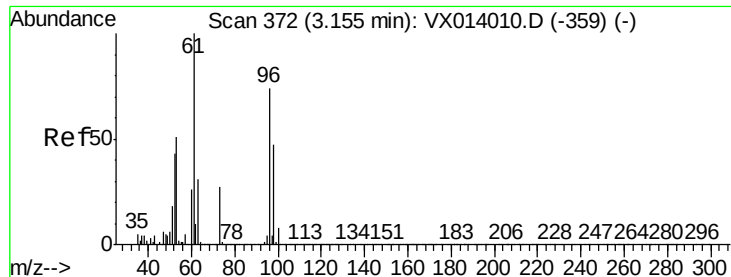


#20

Methylene Chloride
 Concen: 20.924 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014430.D
 Acq: 06 Jan 2020 16:19

Tgt Ion: 84 Resp: 122127
 Ion Ratio Lower Upper
 84 100
 49 117.0 95.8 143.6
 51 36.2 29.8 44.8
 86 64.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 16.839 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :

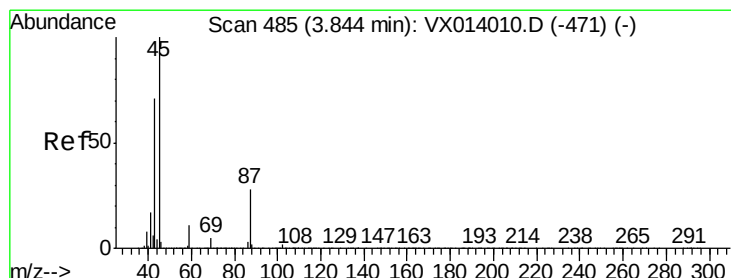
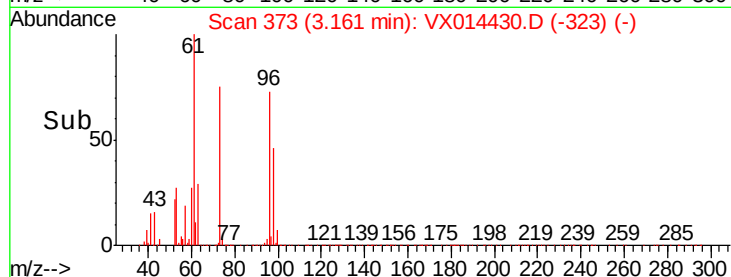
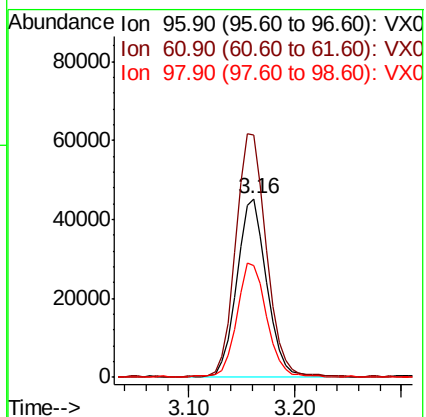
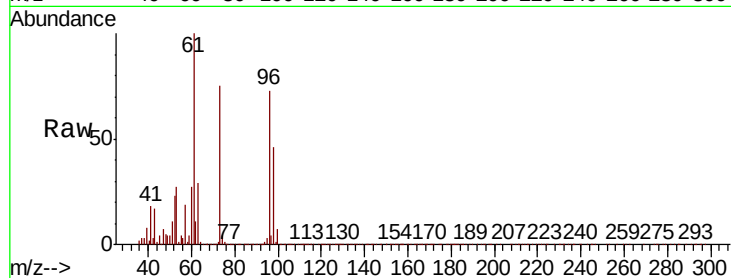
Tot Ion: 96 Resp: 89890

Ion Ratio Lower Upper

96 100

61 135.6 108.3 162.5

98 62.6 50.8 76.2



#22

Diisopropyl ether

Concen: 19.425 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Tgt Ion: 45 Resp: 334895

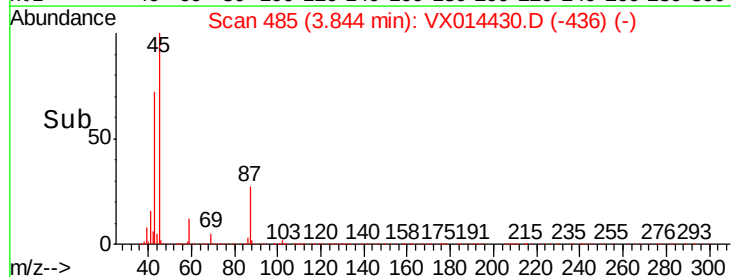
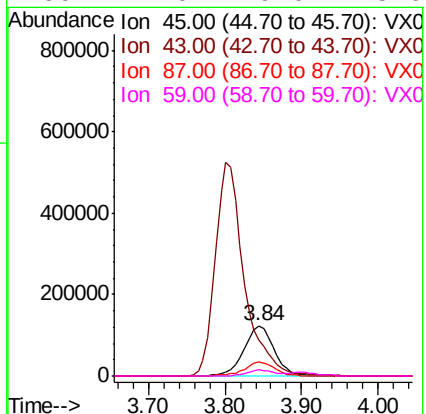
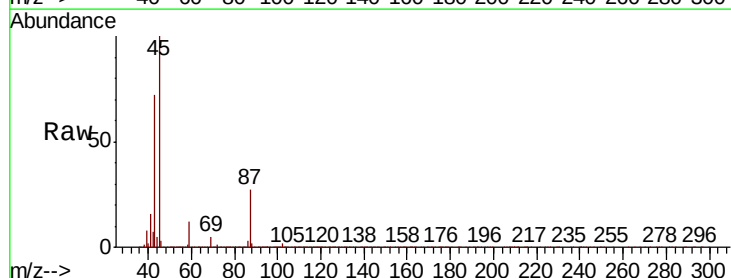
Ion Ratio Lower Upper

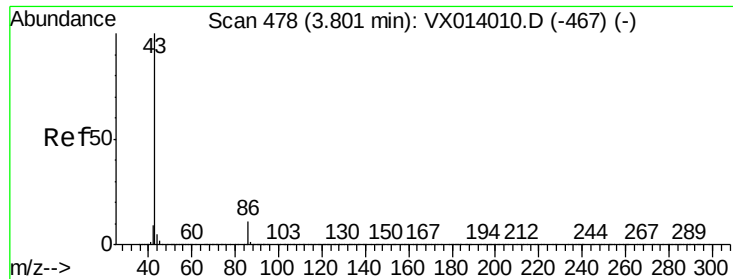
45 100

43 71.4 57.4 86.0

87 26.8 21.9 32.9

59 12.0 9.0 13.6





#23

Vinyl Acetate

Concen: 98.039 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Instrument :

MSVOA_X

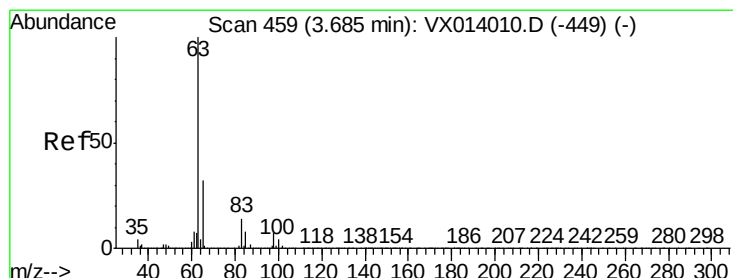
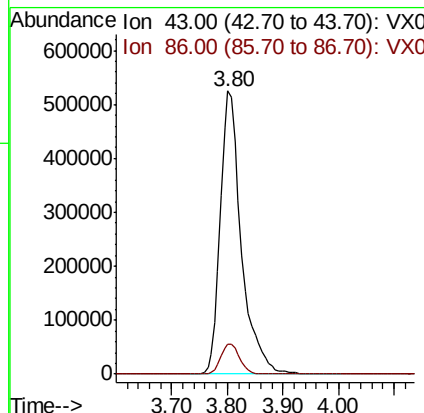
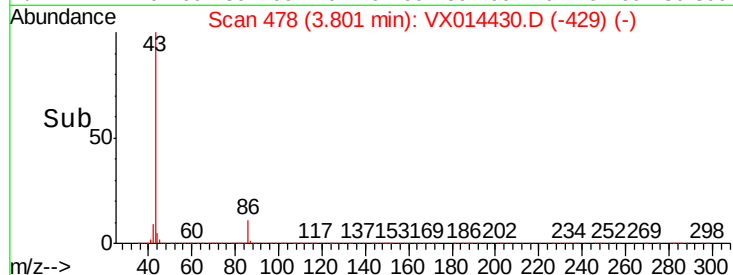
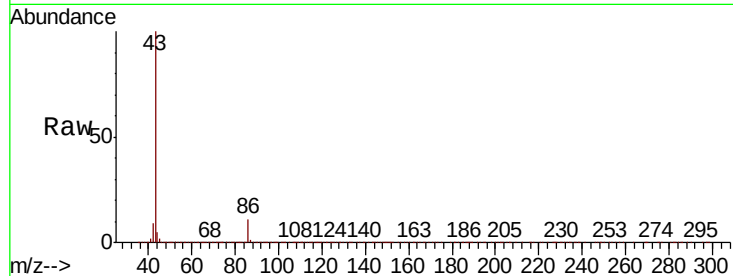
ClientSampleId :

Tot Ion: 43 Resp: 1379328

Ion Ratio Lower Upper

43 100

86 10.6 8.6 12.8



#24

1,1-Dichloroethane

Concen: 18.264 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

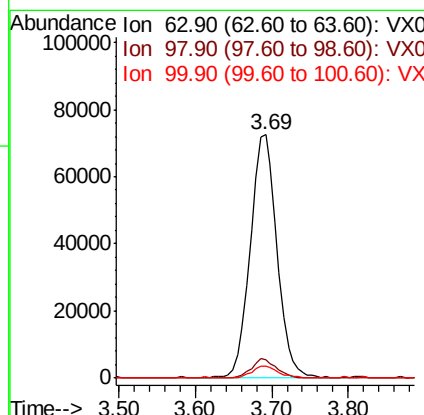
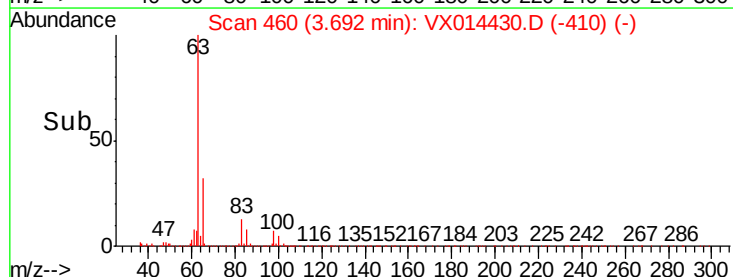
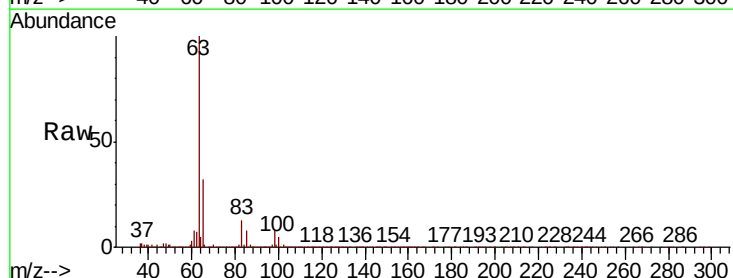
Tgt Ion: 63 Resp: 175187

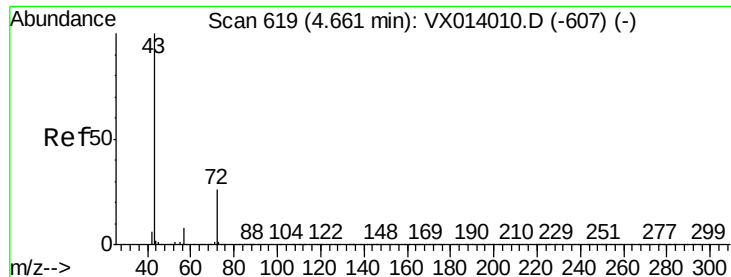
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.8 2.3 6.8





#25

2-Butanone

Concen: 84.088 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Instrument :

MSVOA_X

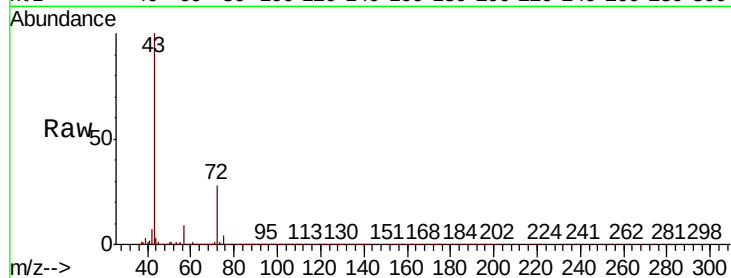
ClientSampleId :

Tot Ion: 43 Resp: 384245

Ion Ratio Lower Upper

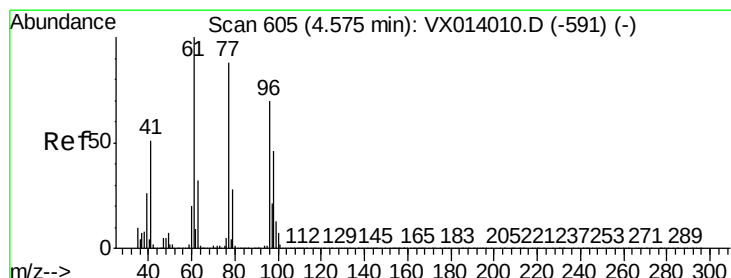
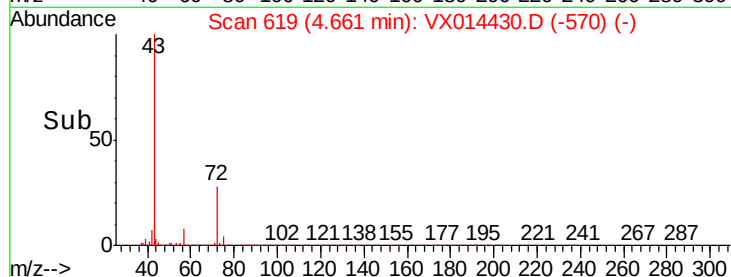
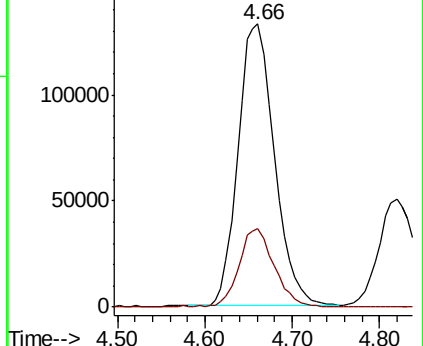
43 100

72 27.5 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.655 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014430.D

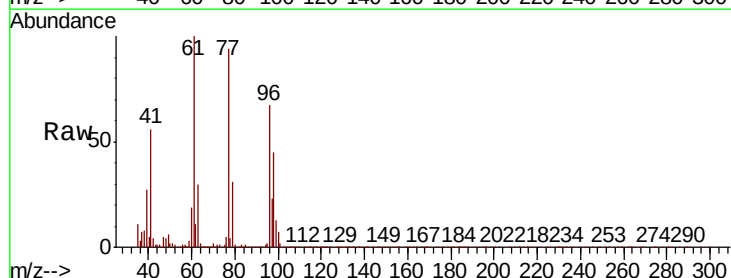
Acq: 06 Jan 2020 16:19

Tgt Ion: 77 Resp: 138932

Ion Ratio Lower Upper

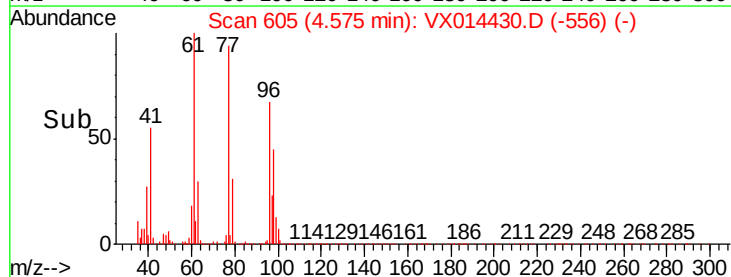
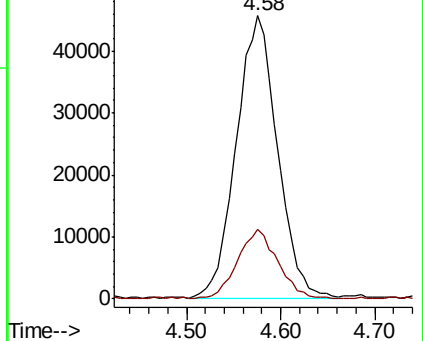
77 100

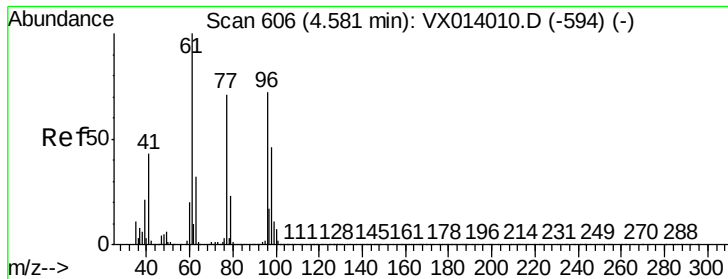
97 23.6 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



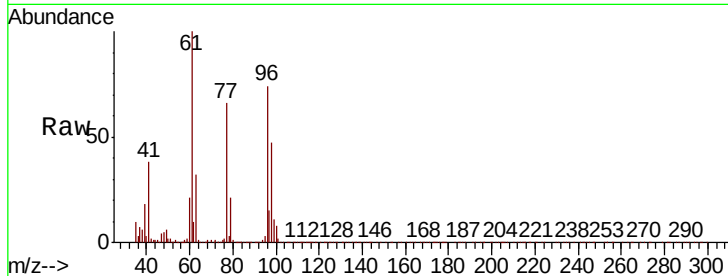


#27

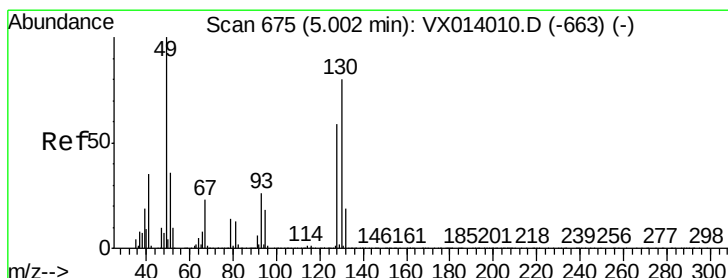
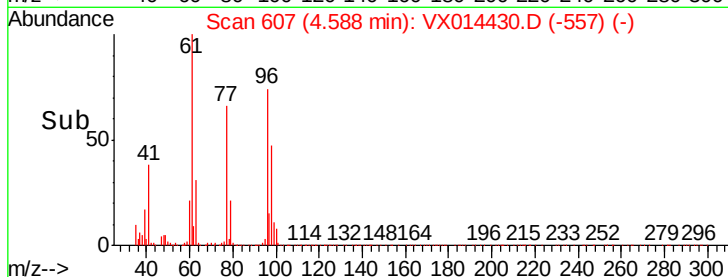
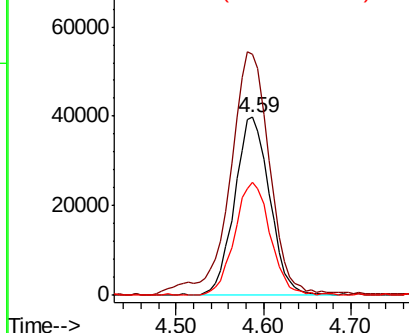
cis-1,2-Dichloroethene
Concen: 18.355 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.7	0.0	288.4
98	64.5	0.0	129.6



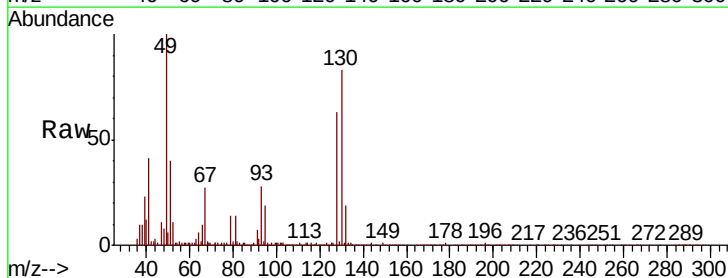
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



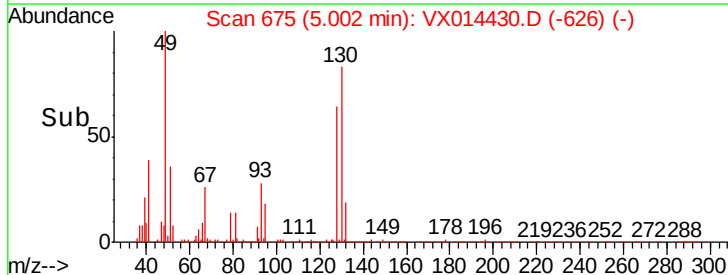
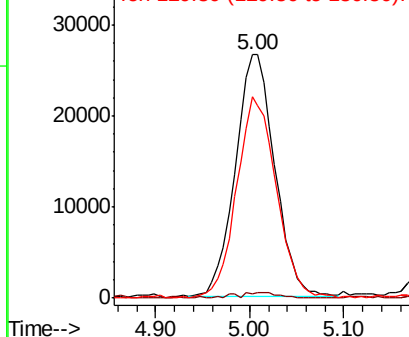
#28

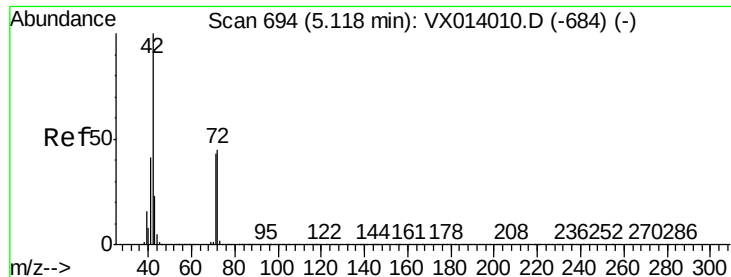
Bromochloromethane
Concen: 21.264 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	5.0
130	83.2	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

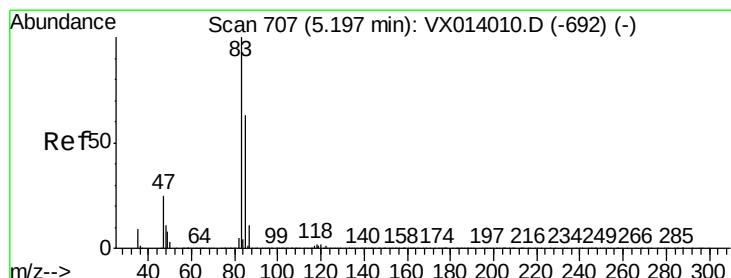
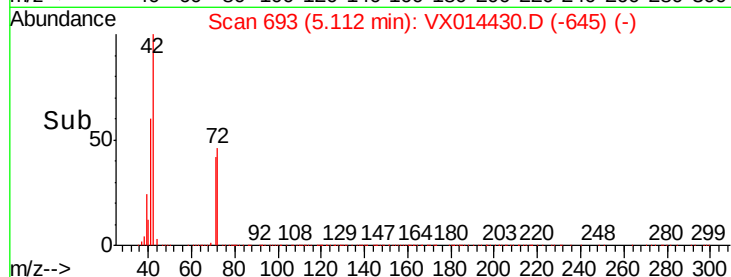
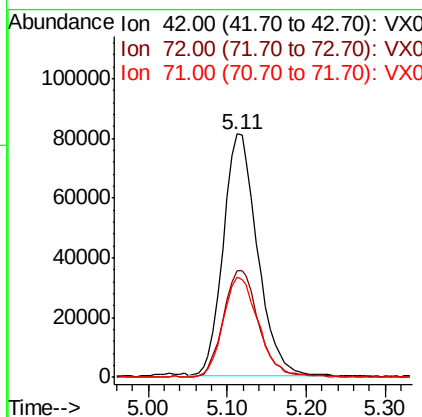
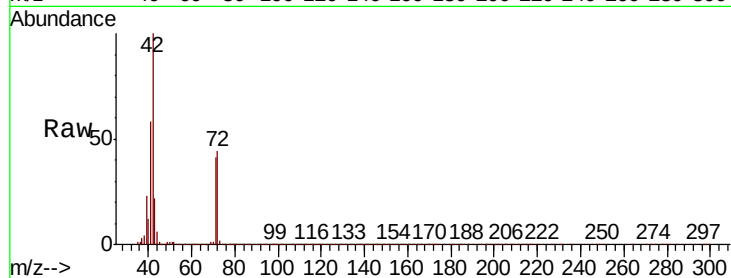




#29
Tetrahydrofuran
Concen: 96.116 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

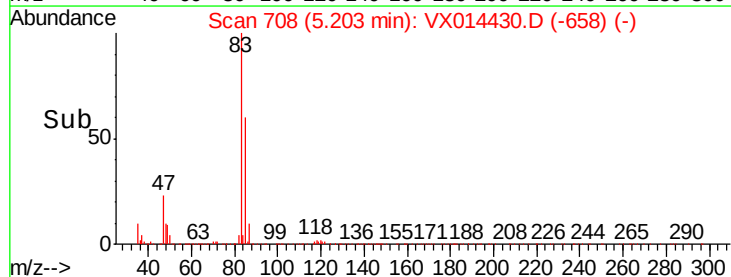
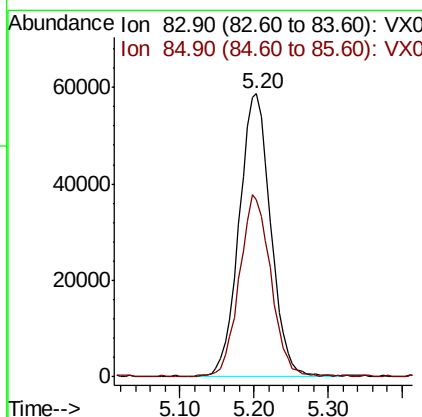
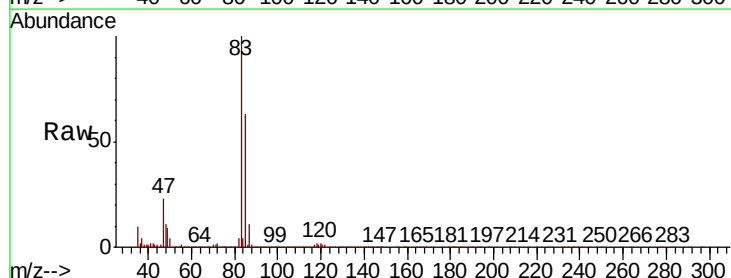
Instrument :
MSVOA_X
ClientSampled :

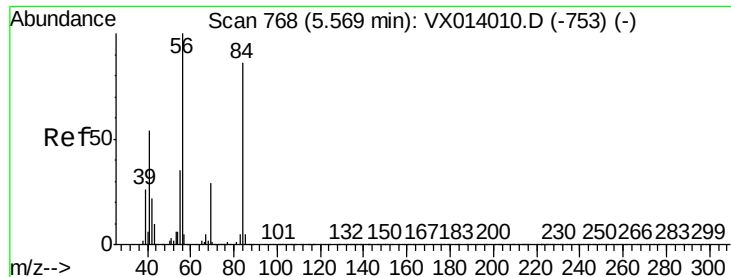
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	35.8	53.8
71	42.1	33.6	50.4



#30
Chloroform
Concen: 19.106 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.8	76.2

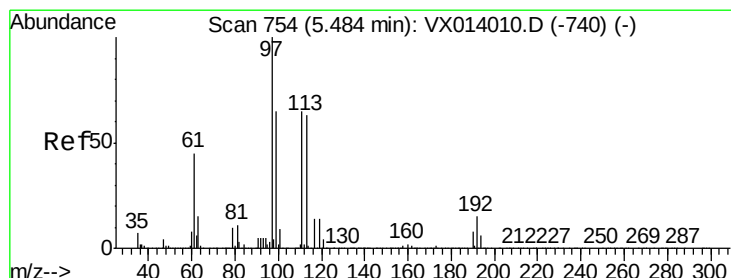
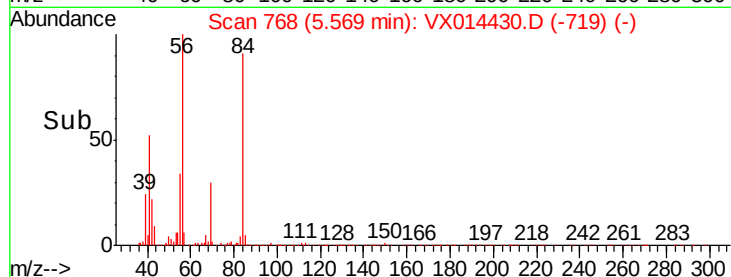
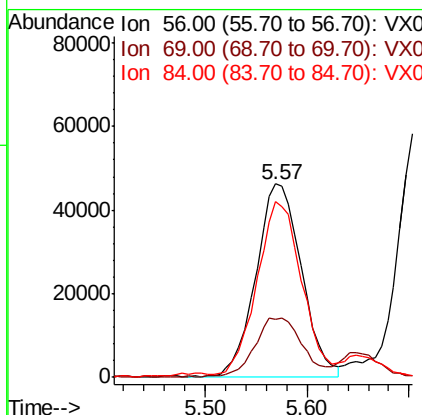
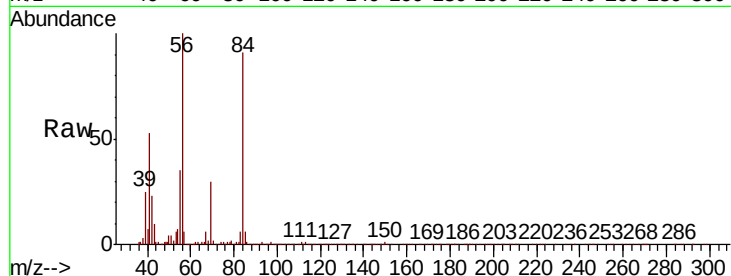




#31
Cyclohexane
Concen: 16.632 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

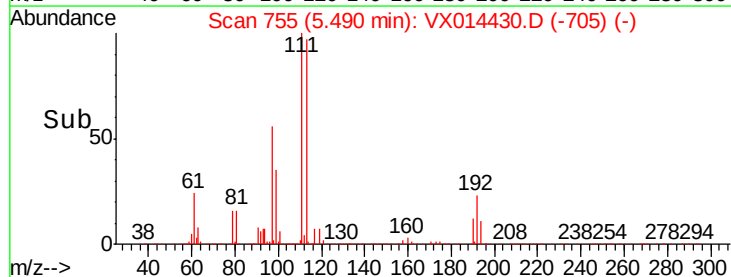
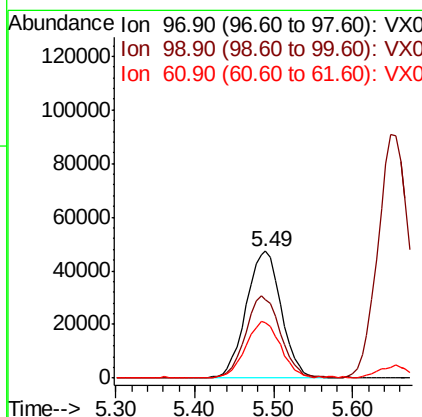
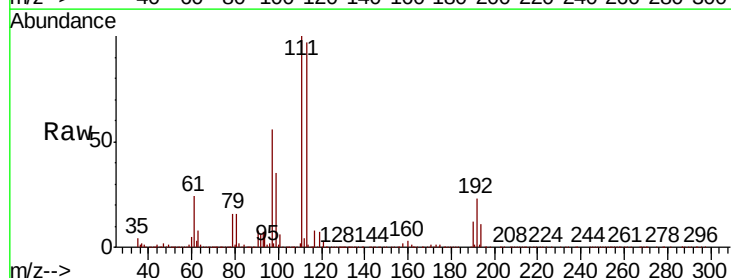
Instrument :
MSVOA_X
ClientSampleId :

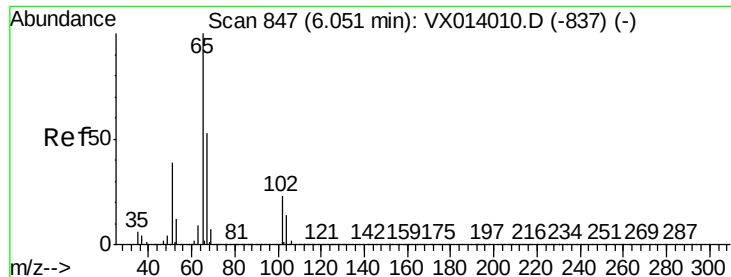
Tot Ion: 56 Resp: 141891
Ion Ratio Lower Upper
56 100
69 29.8 23.2 34.8
84 90.4 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 18.791 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion: 97 Resp: 145624
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 44.5 36.7 55.1

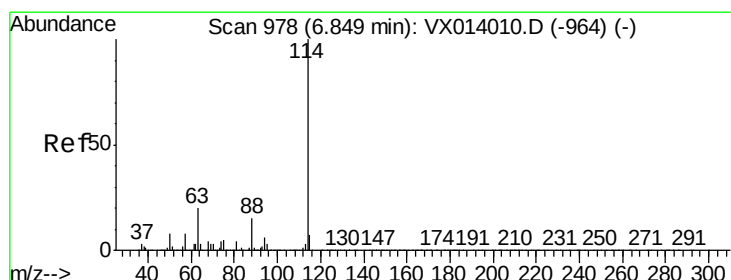
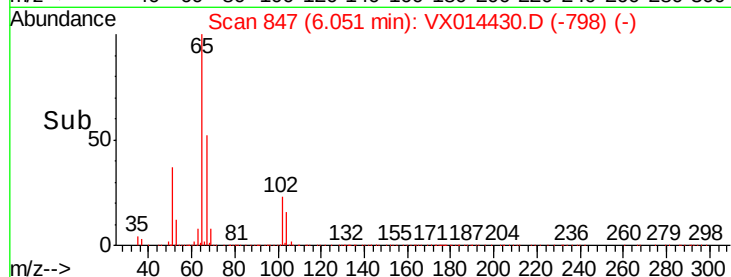
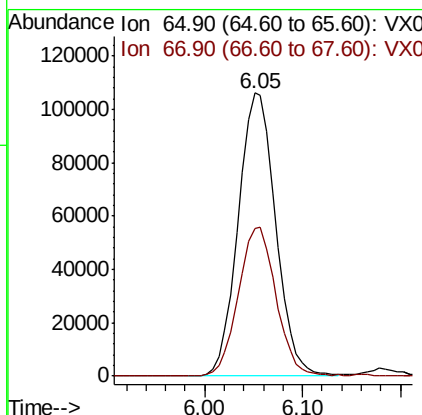
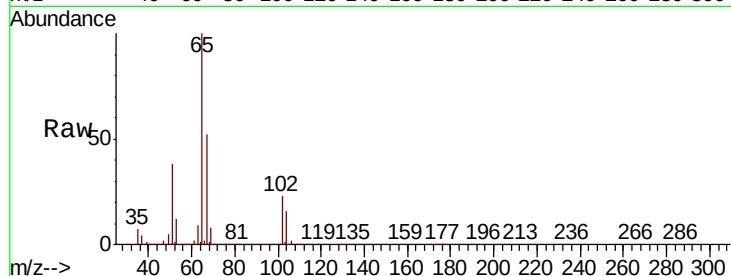




#33
 1,2-Dichloroethane-d4
 Concen: 49.453 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014430.D
 Acq: 06 Jan 2020 16:19

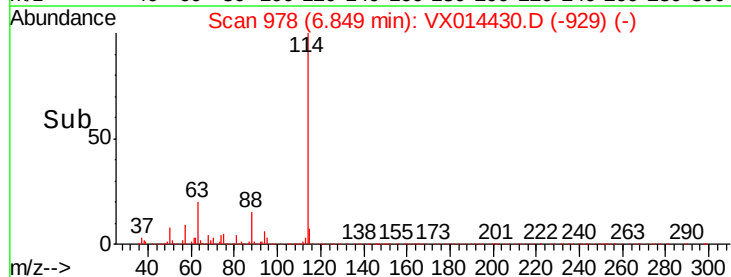
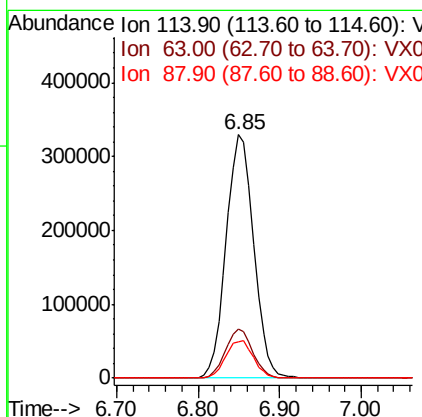
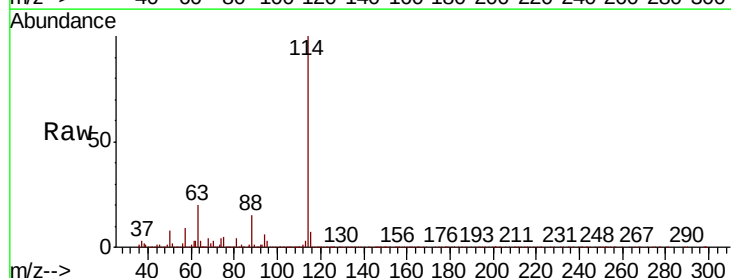
Instrument :
 MSVOA_X
 ClientSampleId :

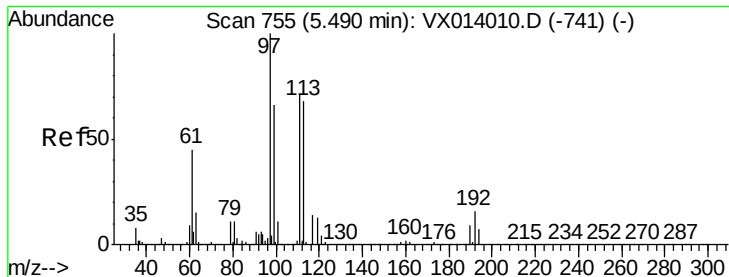
Tot Ion: 65 Resp: 282328
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014430.D
 Acq: 06 Jan 2020 16:19

Tgt Ion: 114 Resp: 768224
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 14.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.578 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Instrument :

MSVOA_X

ClientSampled :

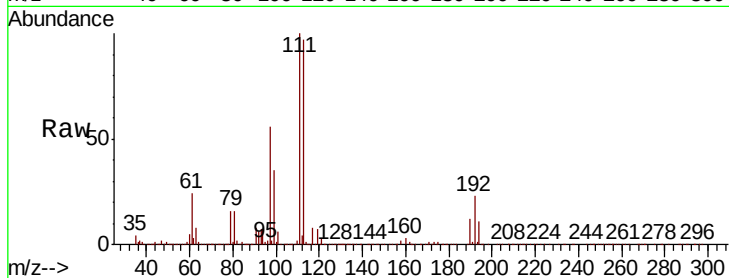
Tot Ion:113 Resp: 236198

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

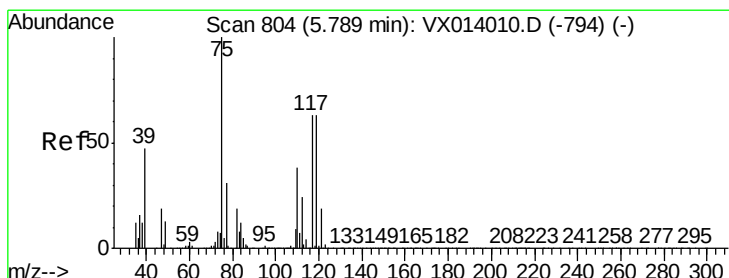
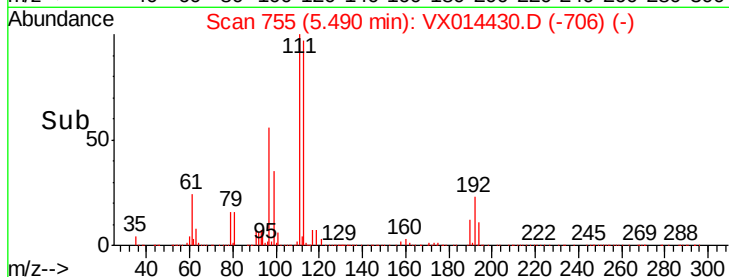
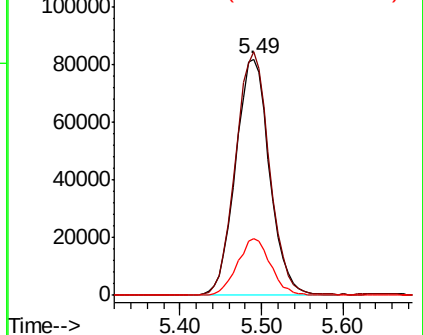
192 23.8 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.349 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

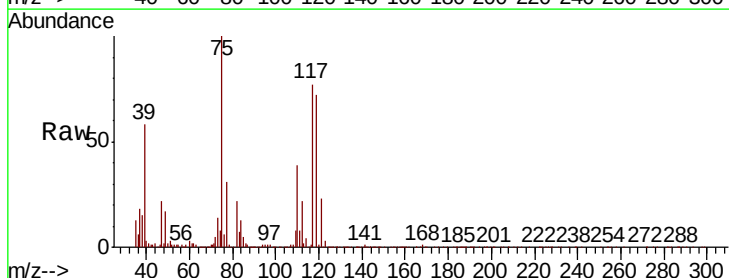
Tgt Ion: 75 Resp: 122290

Ion Ratio Lower Upper

75 100

110 36.9 18.3 54.9

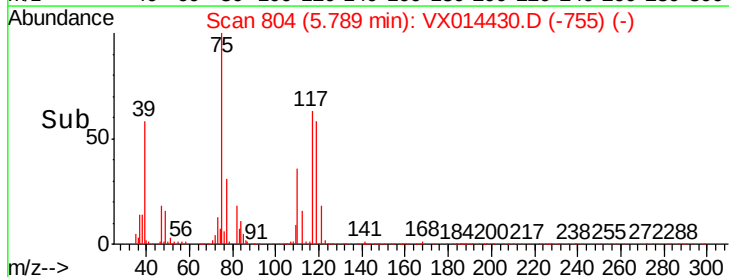
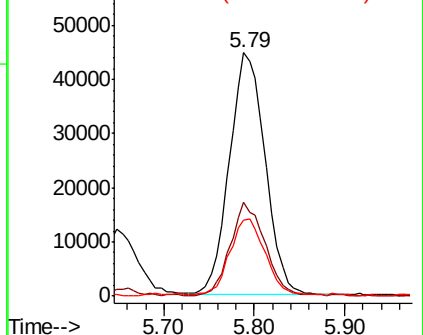
77 31.4 24.8 37.2

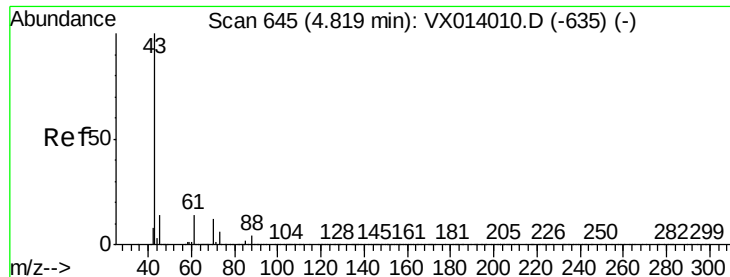


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

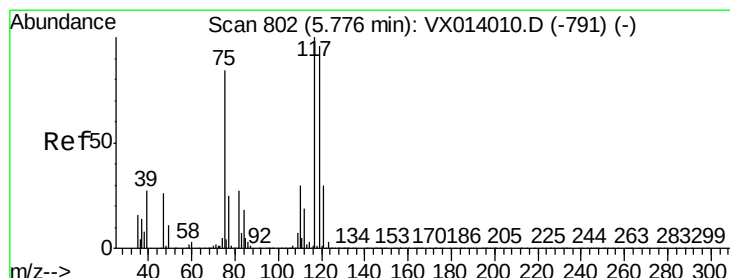
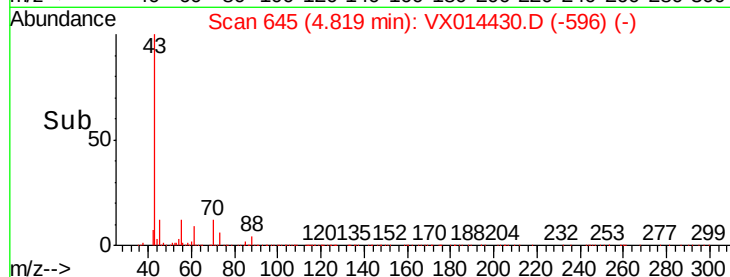
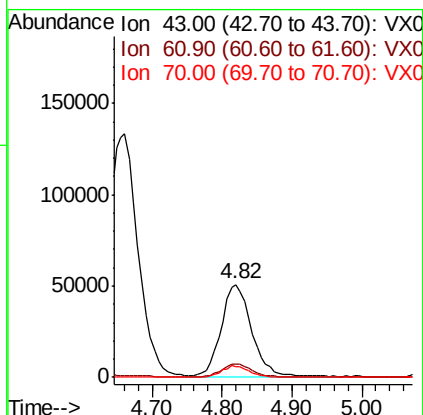
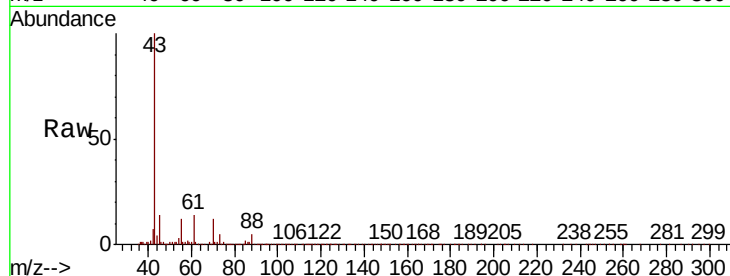




#37
Ethyl Acetate
Concen: 19.569 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

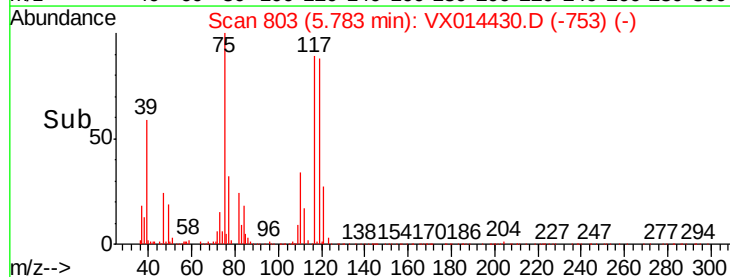
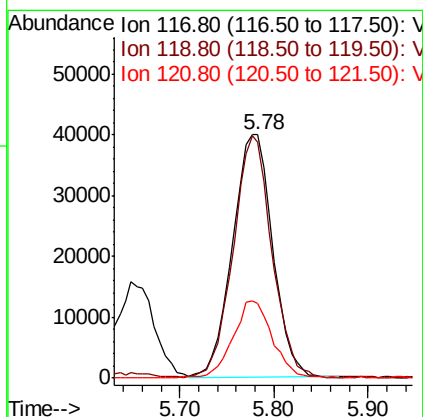
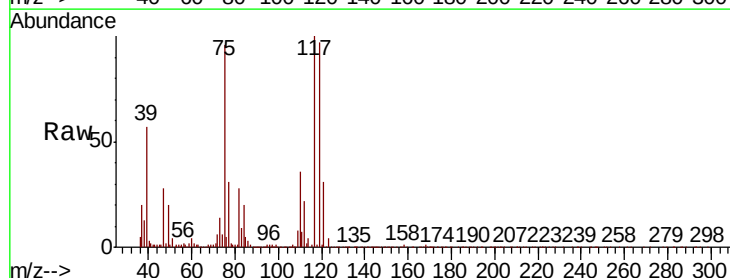
Instrument :
MSVOA_X
ClientSampleId :

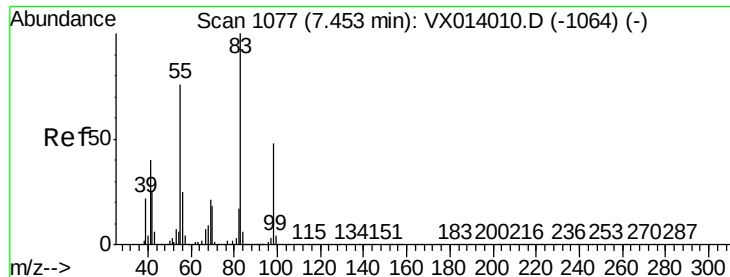
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.8	16.2
70	11.0	8.6	12.8



#38
Carbon Tetrachloride
Concen: 18.475 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.2	114.4
121	30.5	23.6	35.4

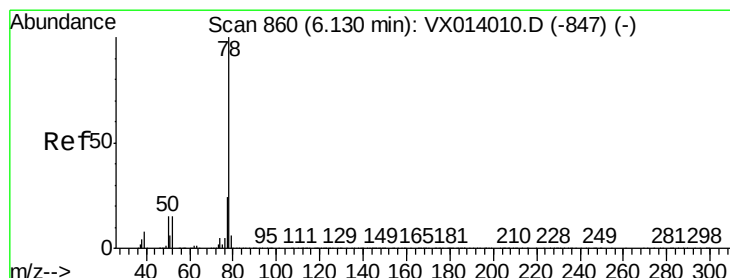
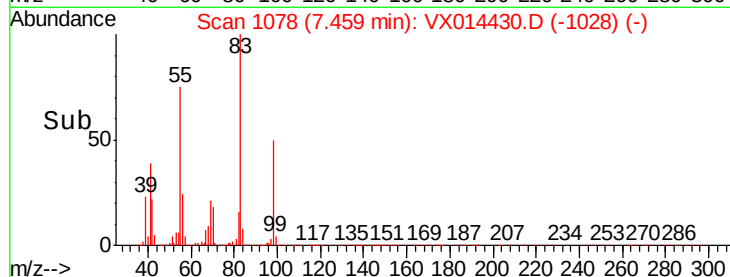
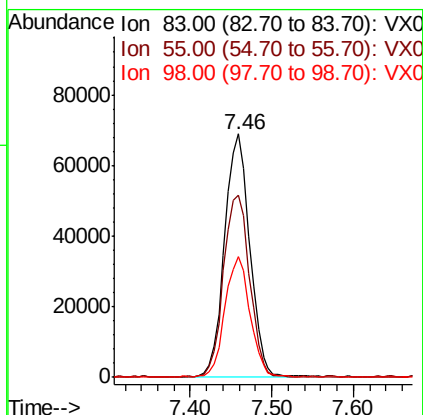
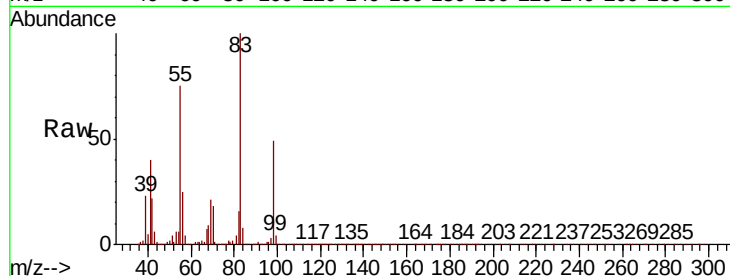




#39
Methylvlcyclohexane
Concen: 17.014 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

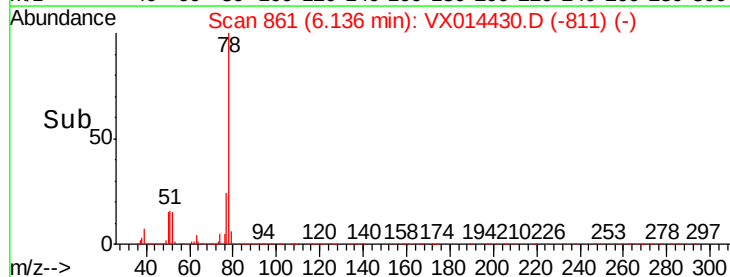
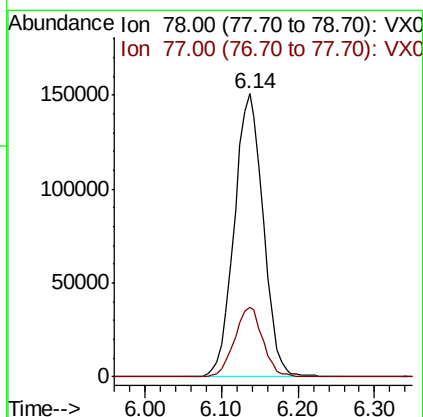
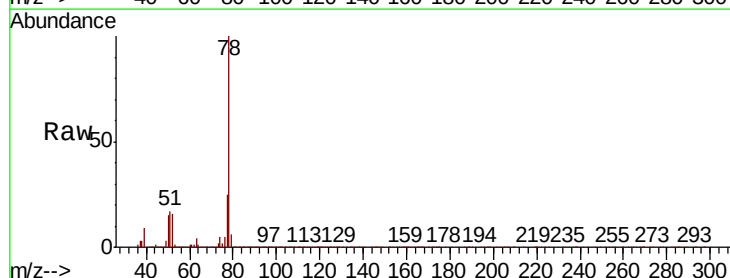
Instrument :
MSVOA_X
ClientSampleId :

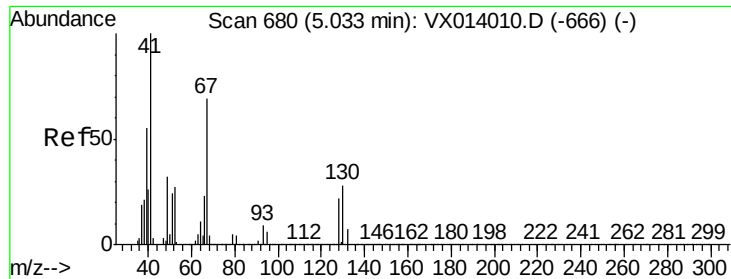
Tot Ion	83	Resp	148088
Ion Ratio	Lower	Upper	
83	100		
55	74.2	61.0	91.6
98	49.1	38.6	57.8



#40
Benzene
Concen: 18.121 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion	78	Resp	393014
Ion Ratio	Lower	Upper	
78	100		
77	24.6	18.8	28.2

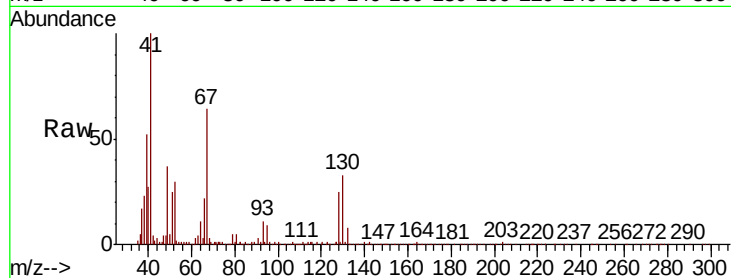




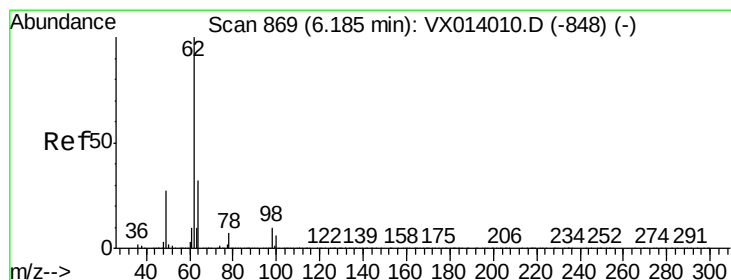
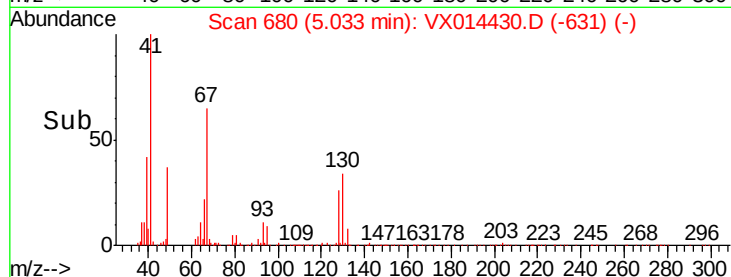
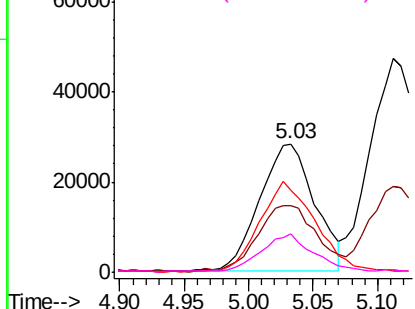
#41
Methacrylonitrile
Concen: 19.316 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	83426
Ion	Ratio	Lower	Upper
41	100		
39	57.9	44.5	66.7
67	73.9	57.4	86.0
52	27.8	23.0	34.4

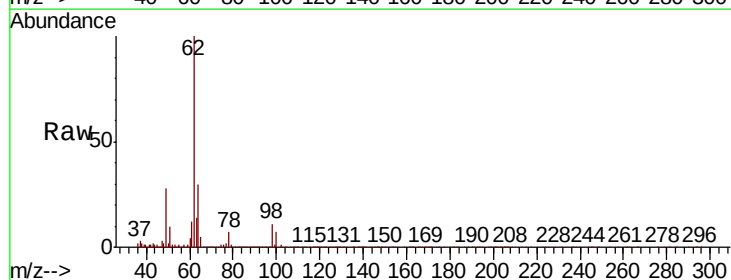


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

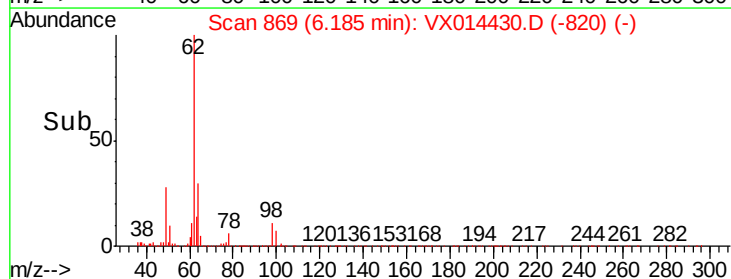
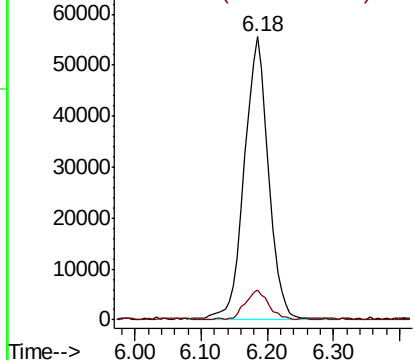


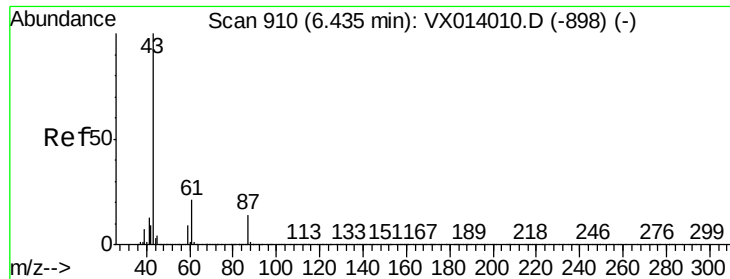
#42
1,2-Dichloroethane
Concen: 19.141 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion:	62	Resp:	140720
Ion	Ratio	Lower	Upper
62	100		
98	10.3	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: 19.838 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

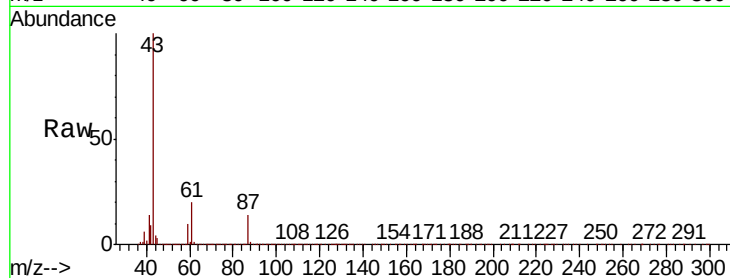
Tot Ion: 43 Resp: 255555

Ion Ratio Lower Upper

43 100

61 20.0 16.4 24.6

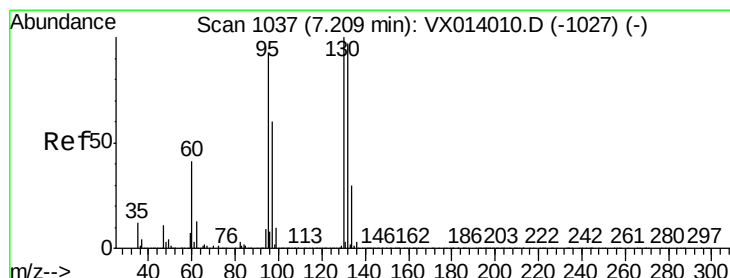
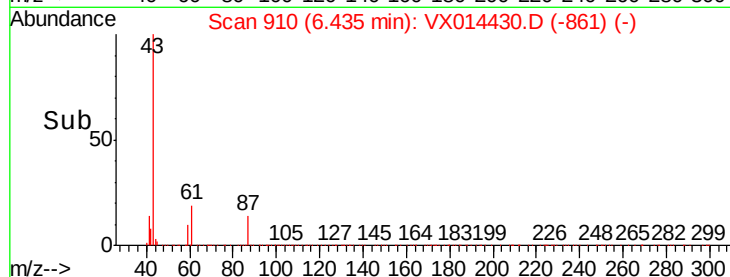
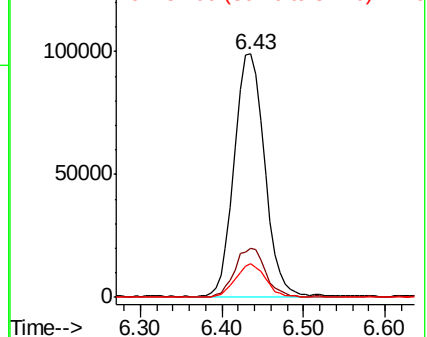
87 13.8 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.351 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014430.D

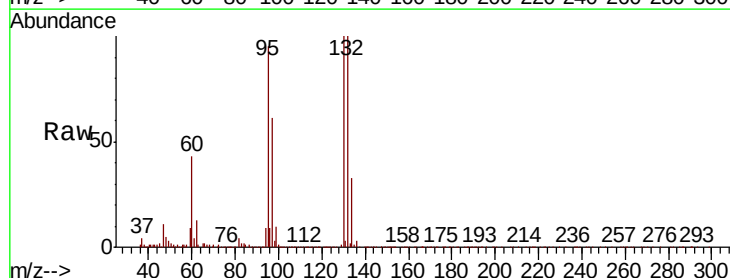
Acq: 06 Jan 2020 16:19

Tgt Ion:130 Resp: 109936

Ion Ratio Lower Upper

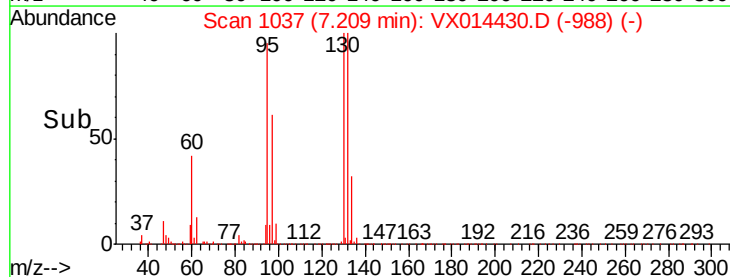
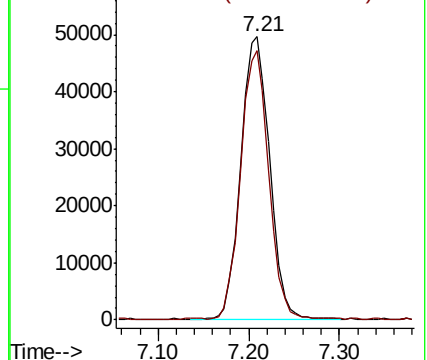
130 100

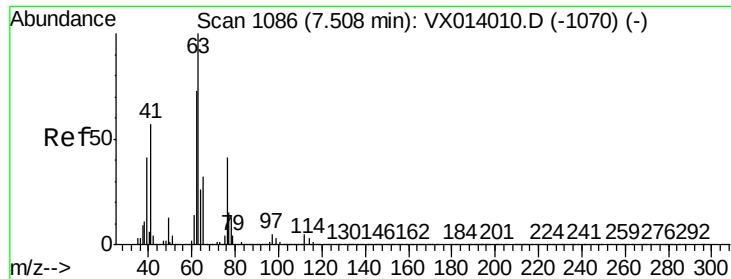
95 94.8 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

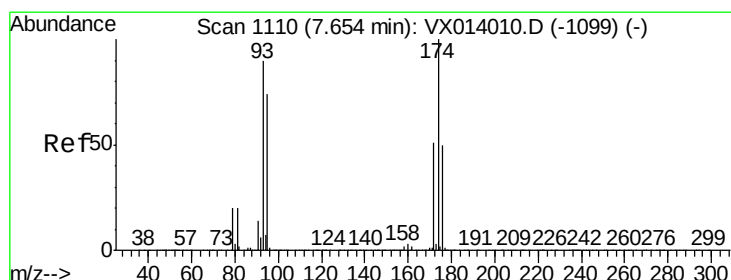
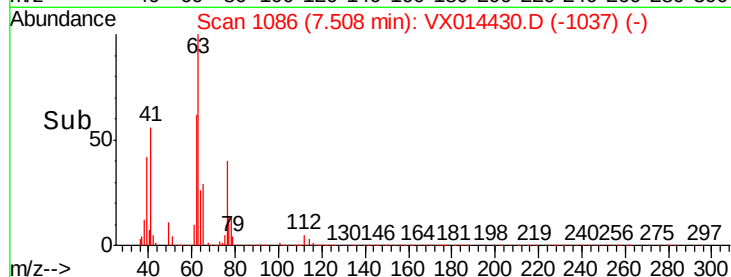
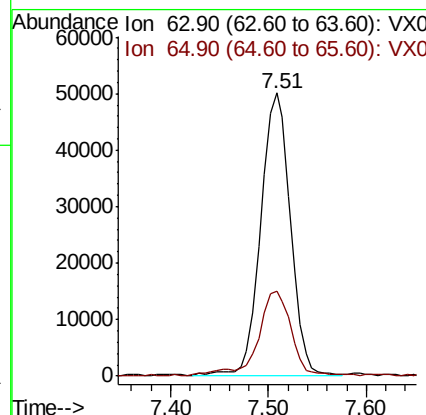
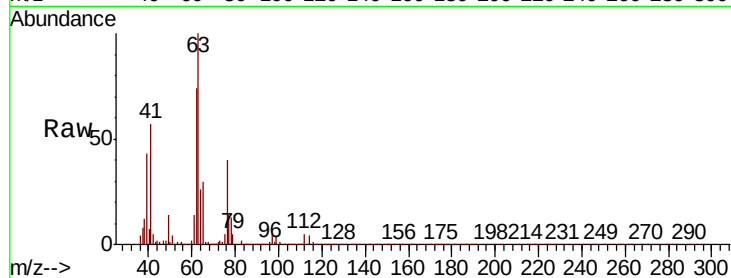




#45
 1,2-Dichloropropane
 Concen: 18.857 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014430.D
 Acq: 06 Jan 2020 16:19

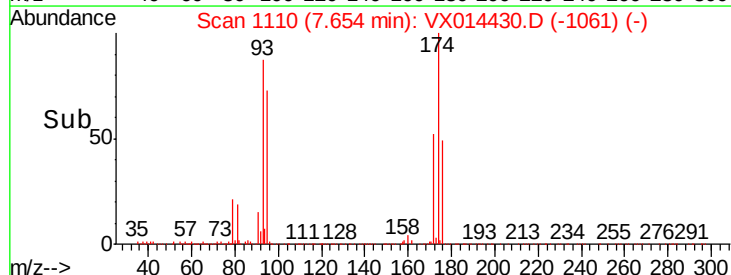
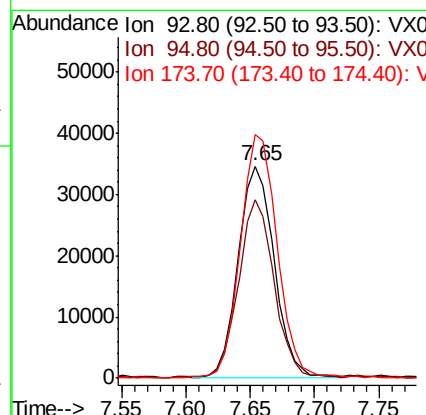
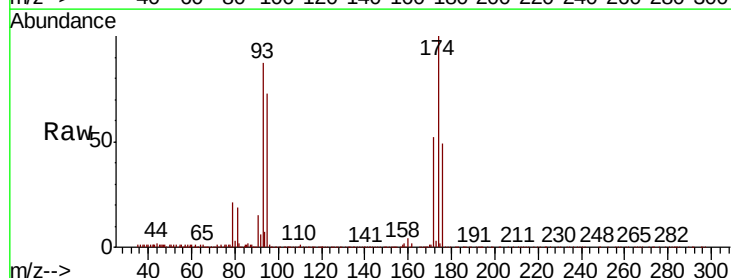
Instrument :
 MSVOA_X
 ClientSampled :

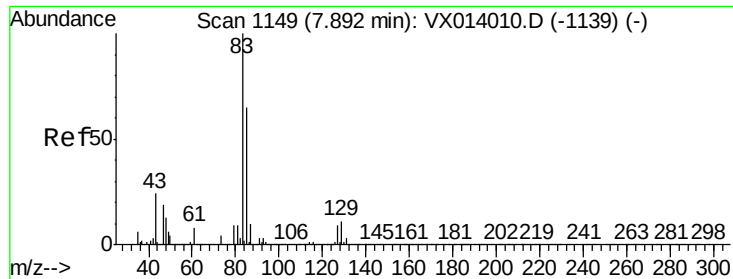
Tot Ion: 63 Resp: 104823
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.8 38.8



#46
 Dibromomethane
 Concen: 18.392 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014430.D
 Acq: 06 Jan 2020 16:19

Tgt Ion: 93 Resp: 67596
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.3 100.9
 174 117.6 91.6 137.4

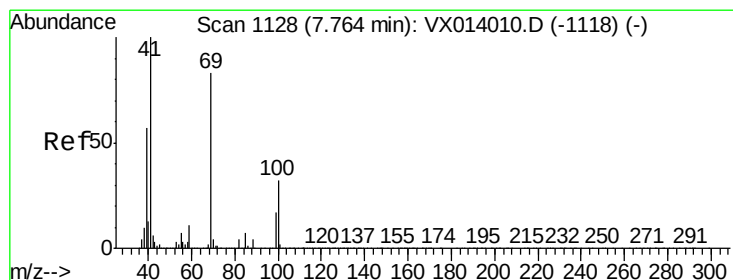
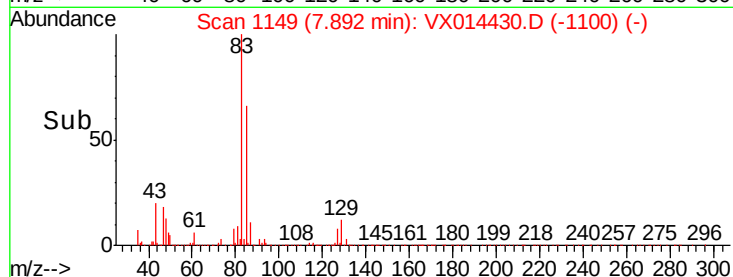
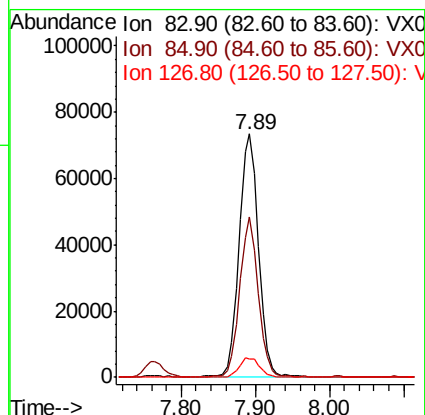
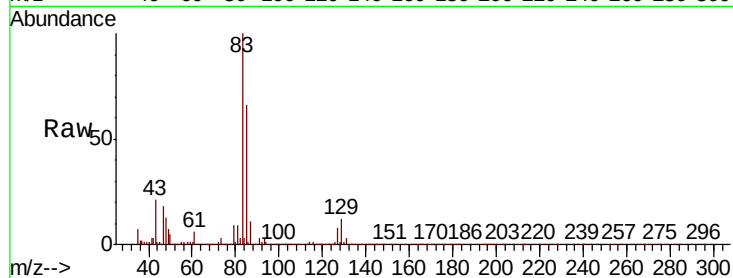




#47
Bromodichloromethane
Concen: 19.544 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

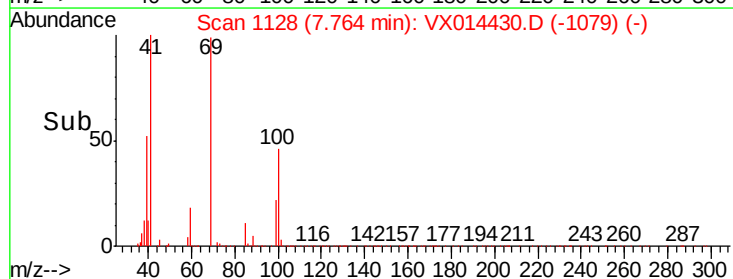
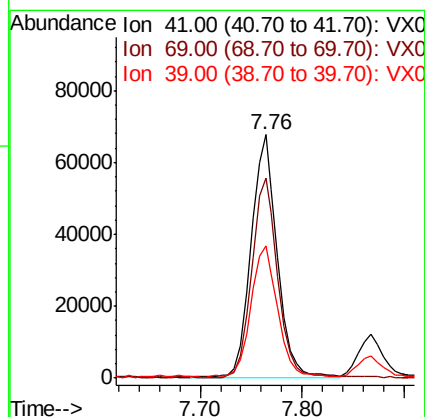
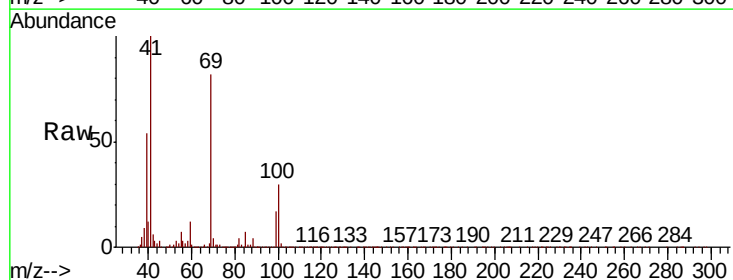
Instrument :
MSVOA_X
ClientSampleId :

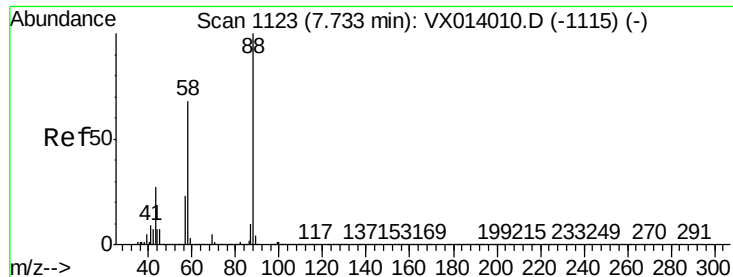
Tot Ion	83	Resp	135283
Ion Ratio	Lower	Upper	
83	100		
85	65.8	51.8	77.8
127	7.8	7.0	10.4



#48
Methyl methacrylate
Concen: 19.090 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion	41	Resp	120418
Ion Ratio	Lower	Upper	
41	100		
69	81.4	65.8	98.6
39	57.2	44.6	67.0





#49

1,4-Dioxane

Concen: 356.066 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

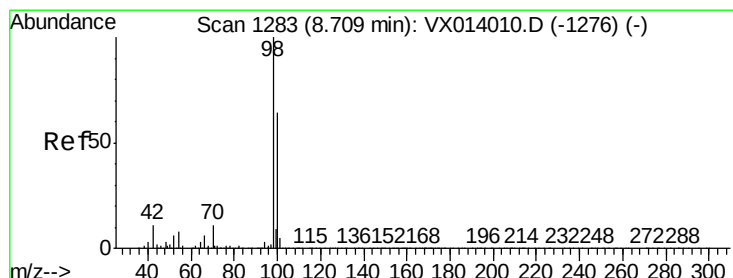
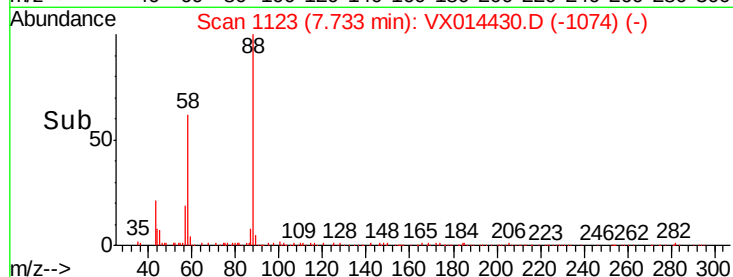
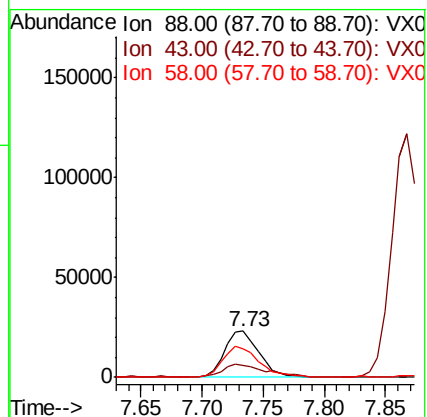
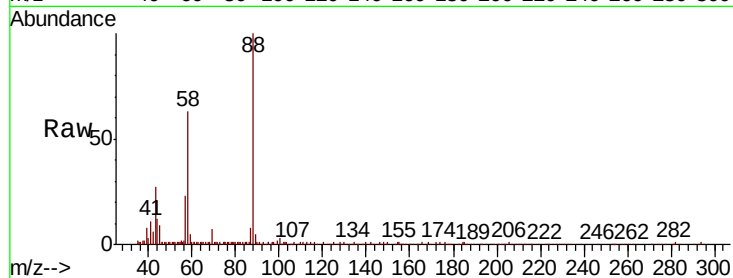
Tot Ion: 88 Resp: 45708

Ion Ratio Lower Upper

88 100

43 34.7 26.5 39.7

58 71.3 56.8 85.2



#50

Toluene-d8

Concen: 49.617 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014430.D

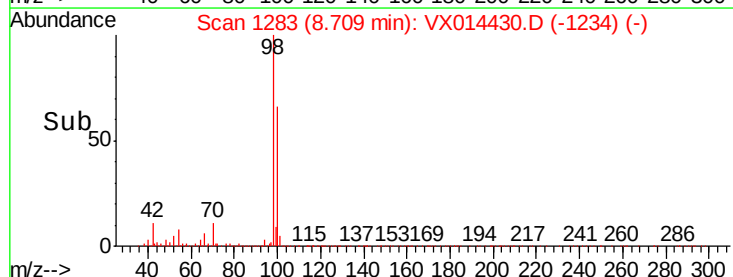
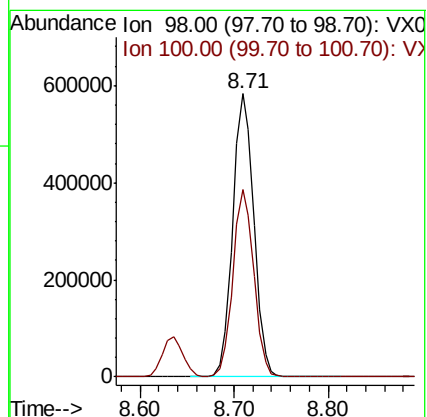
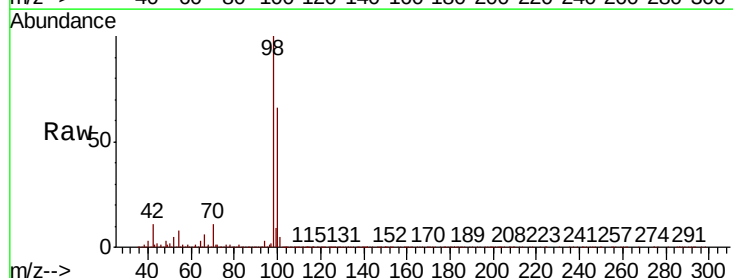
Acq: 06 Jan 2020 16:19

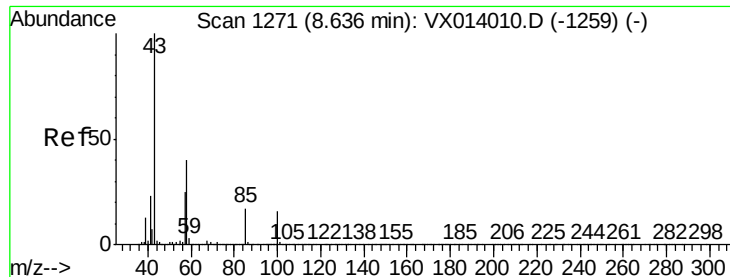
Tgt Ion: 98 Resp: 902097

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3

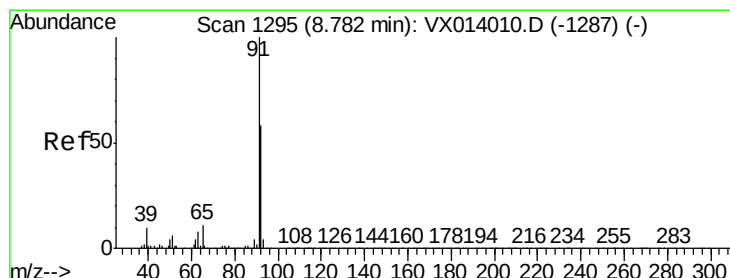
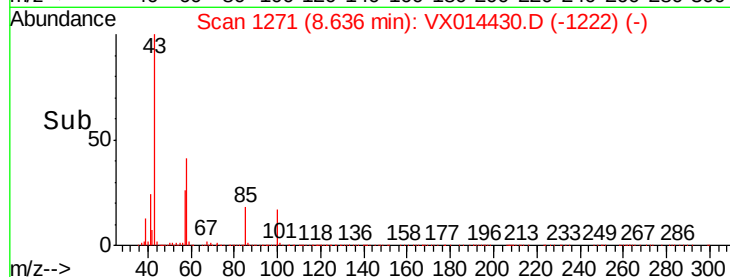
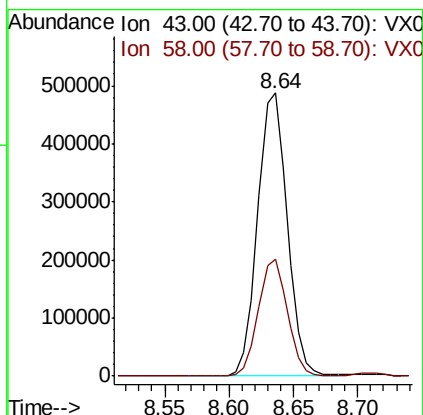
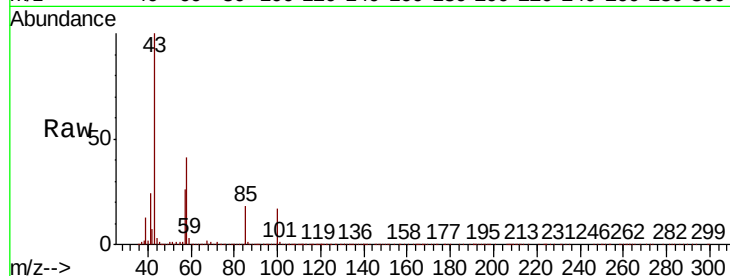




#51
4-Methyl-2-Pentanone
Concen: 95.489 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

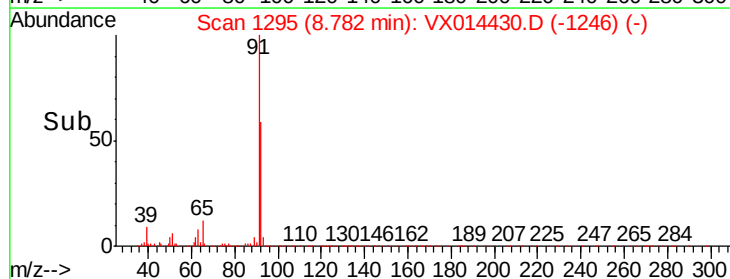
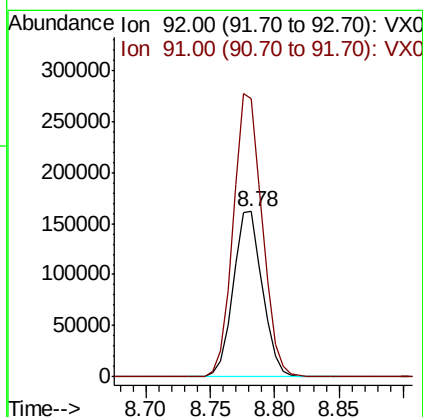
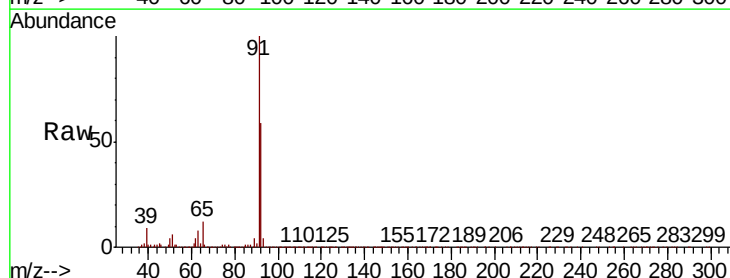
Instrument :
MSVOA_X
ClientSampled :

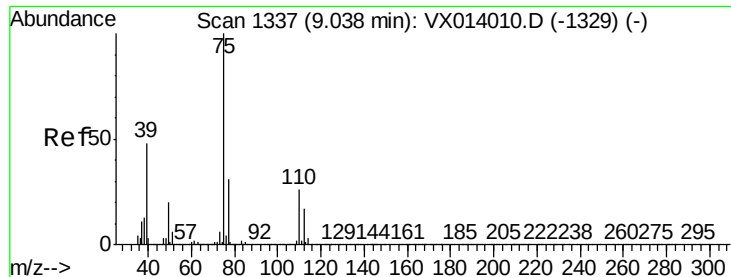
Tot Ion: 43 Resp: 772525
Ion Ratio Lower Upper
43 100
58 40.6 32.2 48.2



#52
Toluene
Concen: 18.564 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion: 92 Resp: 254489
Ion Ratio Lower Upper
92 100
91 170.0 136.2 204.4

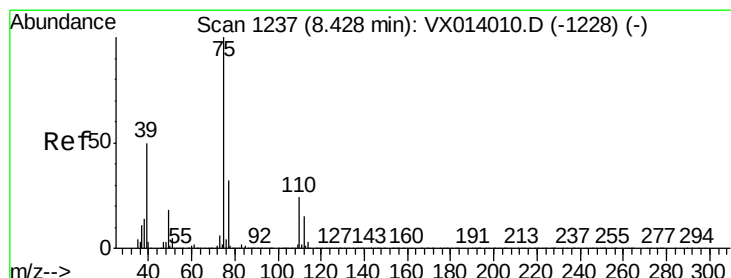
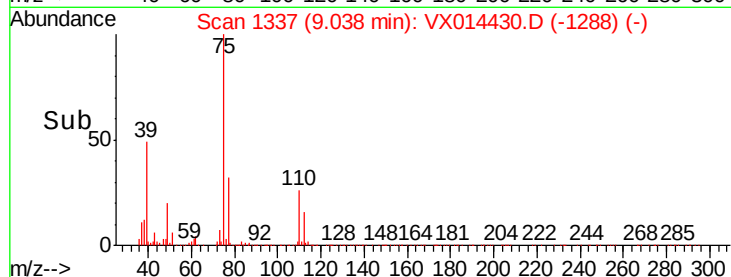
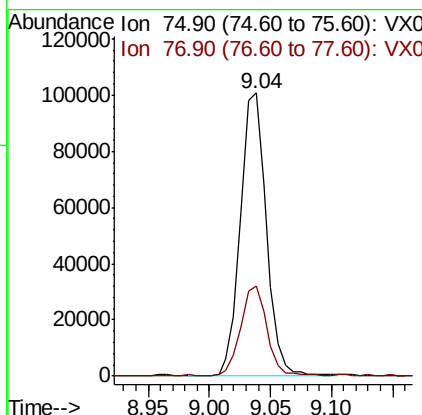
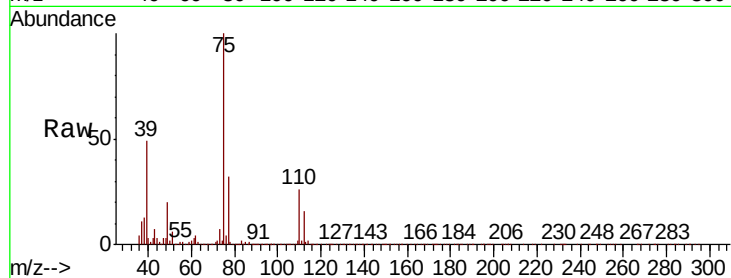




#53
t-1,3-Dichloropropene
Concen: 19.470 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

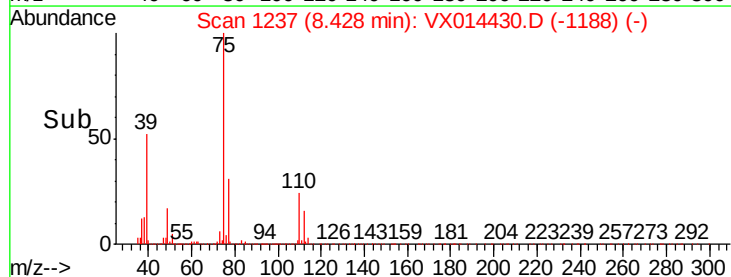
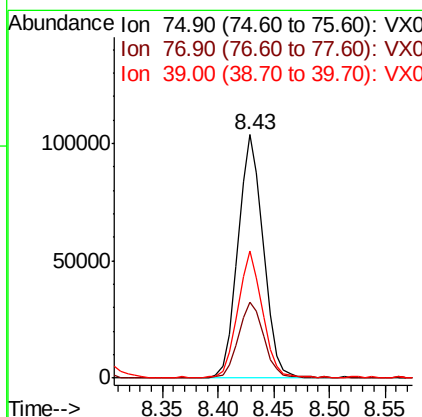
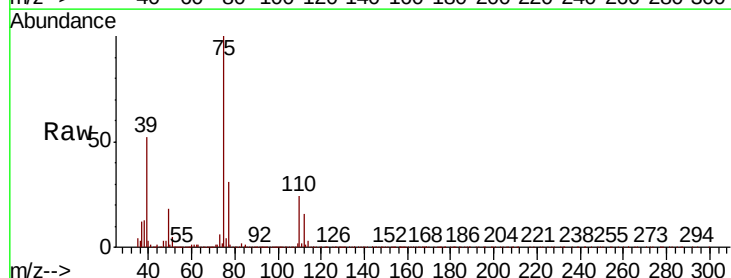
Instrument :
MSVOA_X
ClientSampleId :

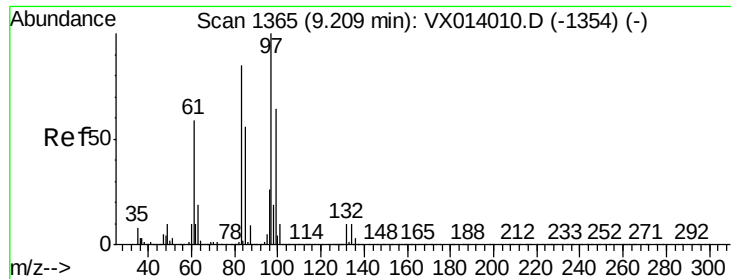
Tot Ion: 75 Resp: 147777
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 19.287 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion: 75 Resp: 163081
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9
39 51.9 39.9 59.9

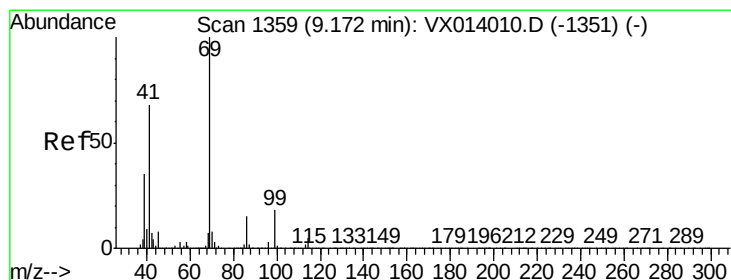
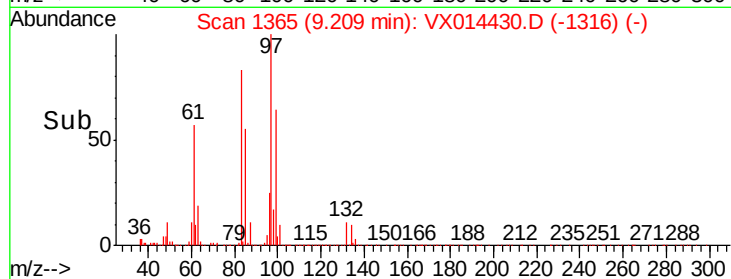
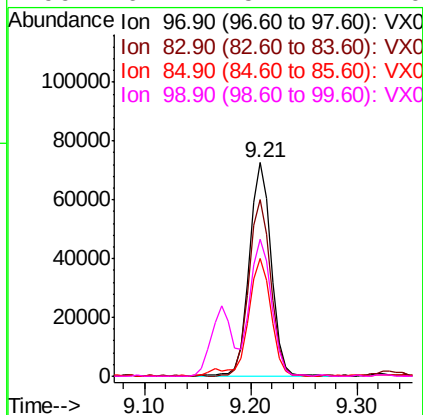
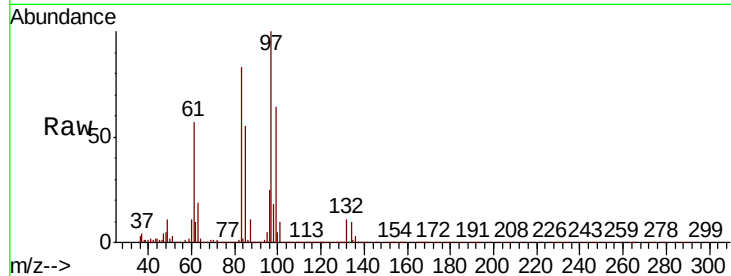




#55
 1,1,2-Trichloroethane
 Concen: 19.044 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014430.D
 Acq: 06 Jan 2020 16:19

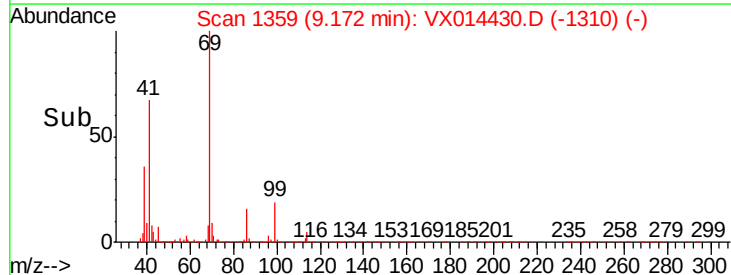
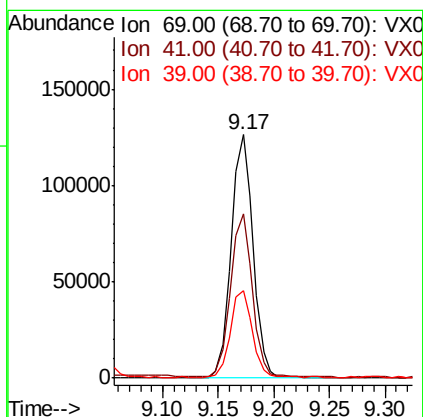
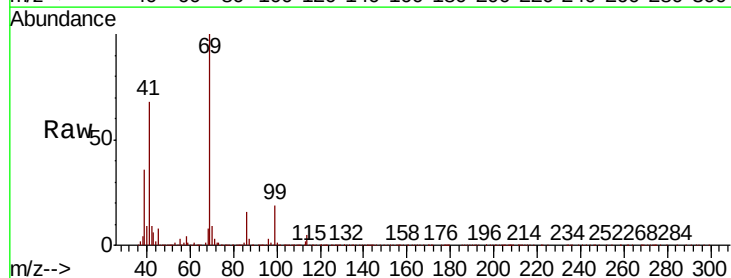
Instrument :
 MSVOA_X
 ClientSampleId :

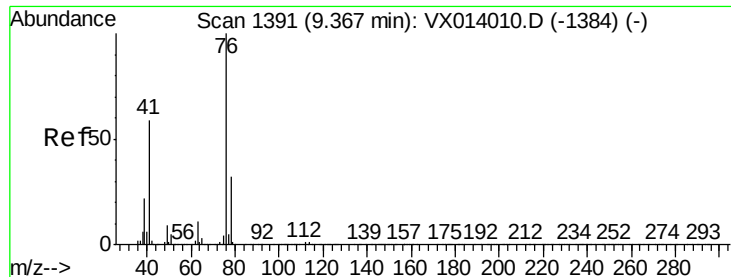
Tot Ion:	97	Resp:	104635
Ion	Ratio	Lower	Upper
97	100		
83	82.7	68.2	102.4
85	55.1	44.6	66.8
99	64.2	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 19.777 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014430.D
 Acq: 06 Jan 2020 16:19

Tgt Ion:	69	Resp:	170690
Ion	Ratio	Lower	Upper
69	100		
41	67.6	54.8	82.2
39	35.8	28.3	42.5

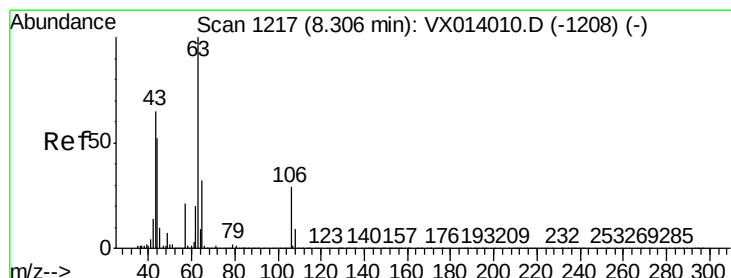
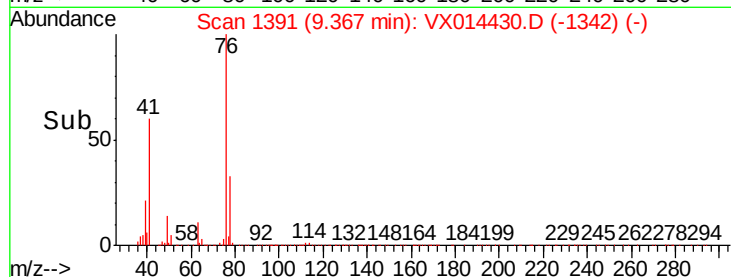
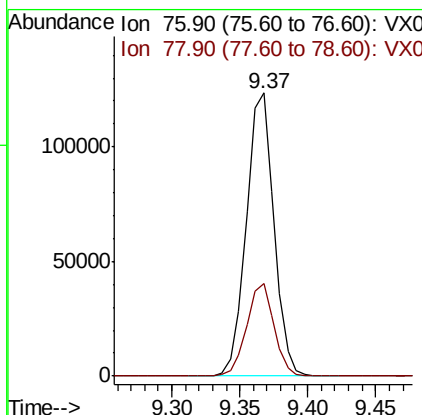
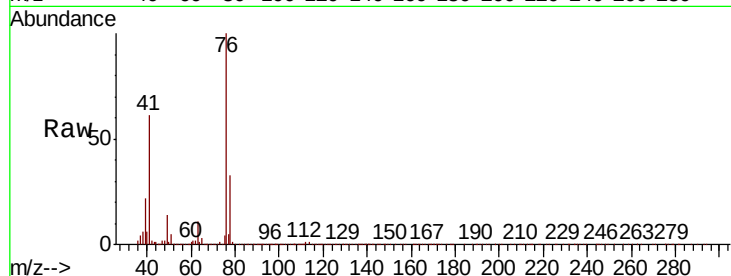




#57
 1,3-Dichloropropane
 Concen: 18.939 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014430.D
 Acq: 06 Jan 2020 16:19

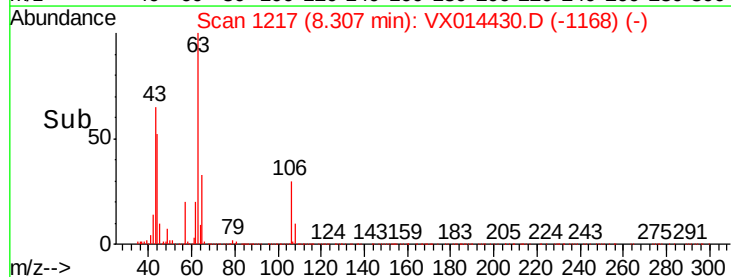
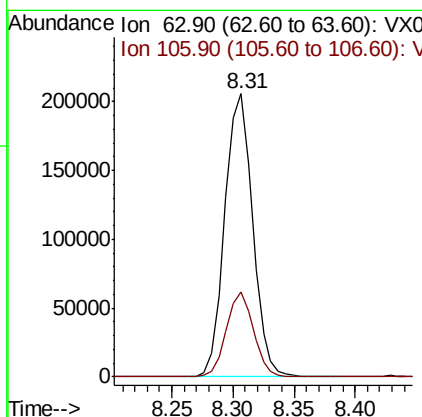
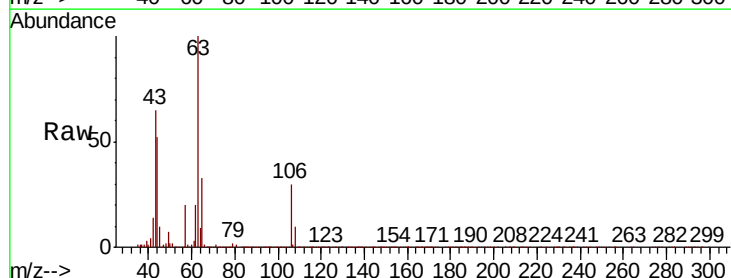
Instrument :
 MSVOA_X
 ClientSampled :

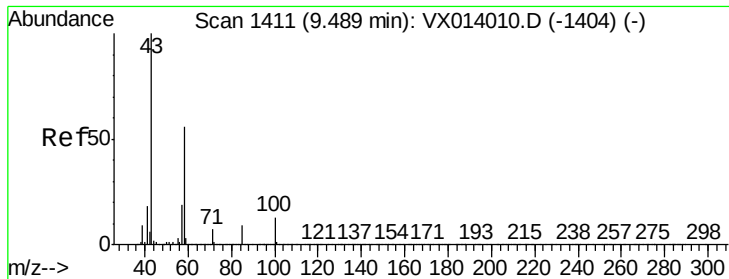
Tot Ion: 76 Resp: 175073
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.087 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014430.D
 Acq: 06 Jan 2020 16:19

Tgt Ion: 63 Resp: 323632
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.0 34.6

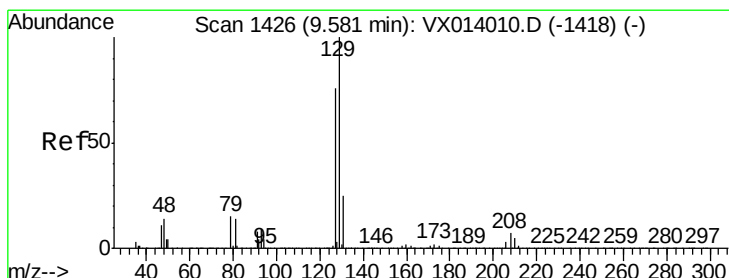
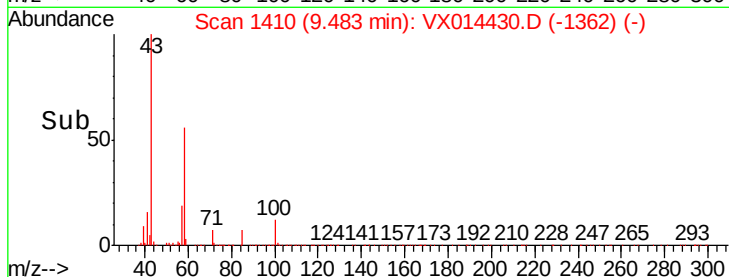
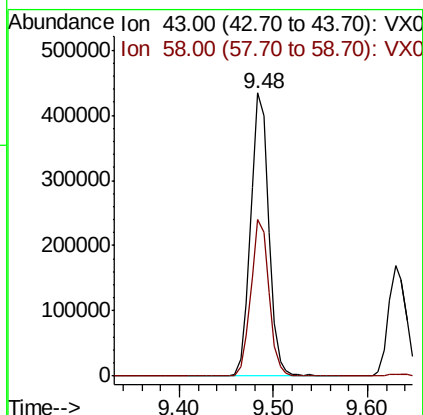
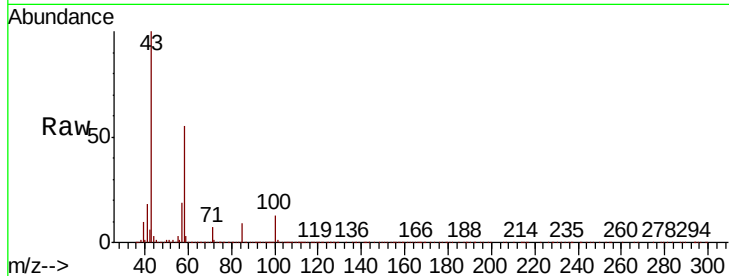




#59
2-Hexanone
Concen: 90.078 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

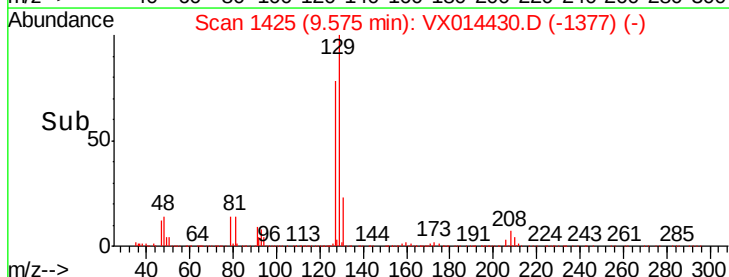
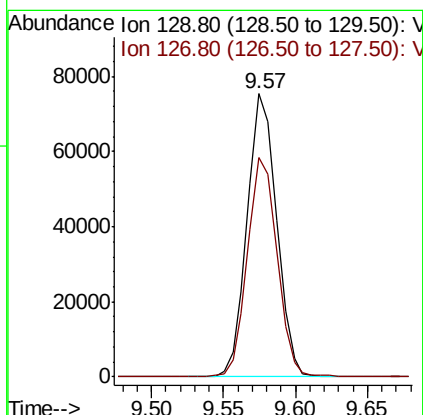
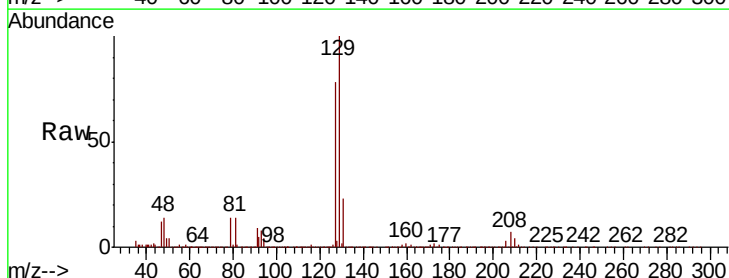
Instrument :
MSVOA_X
ClientSampleId :

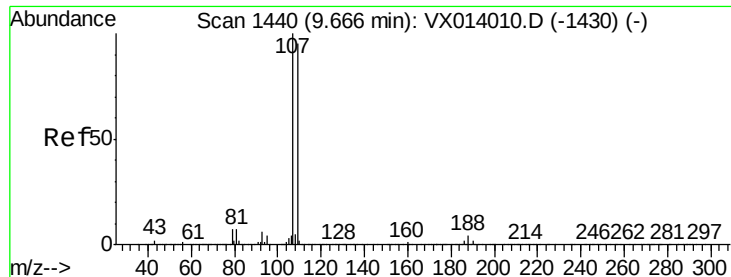
Tot Ion: 43 Resp: 586640
Ion Ratio Lower Upper
43 100
58 55.8 28.0 84.0



#60
Dibromochloromethane
Concen: 19.469 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion: 129 Resp: 106330
Ion Ratio Lower Upper
129 100
127 78.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.219 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Instrument :

MSVOA_X

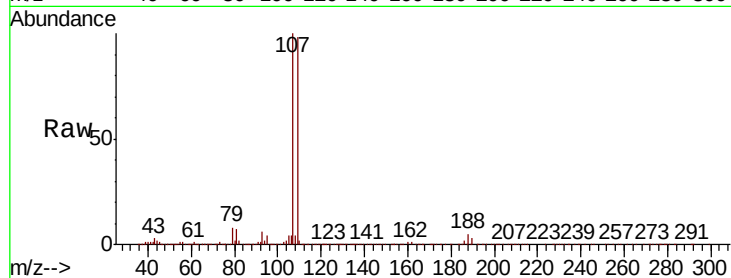
ClientSampleId :

Tot Ion:107 Resp: 108040

Ion Ratio Lower Upper

107 100

109 95.5 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

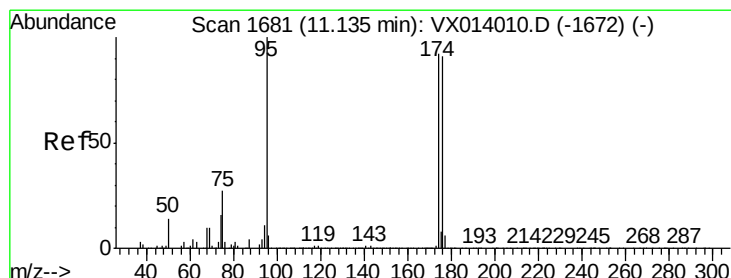
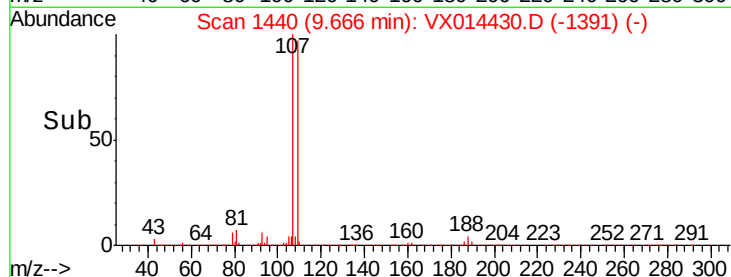
40000

20000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.671 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

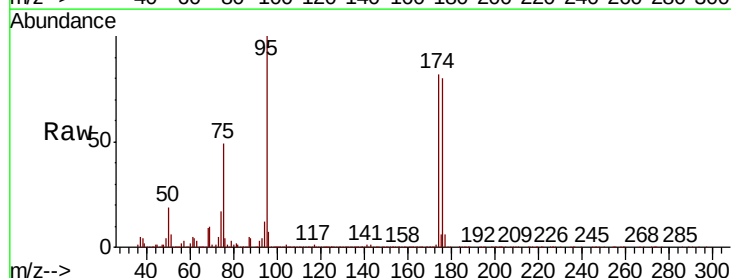
Tgt Ion: 95 Resp: 323472

Ion Ratio Lower Upper

95 100

174 89.9 0.0 175.8

176 87.8 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

11.13

300000

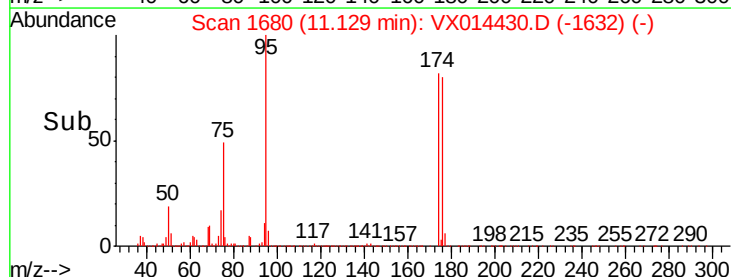
200000

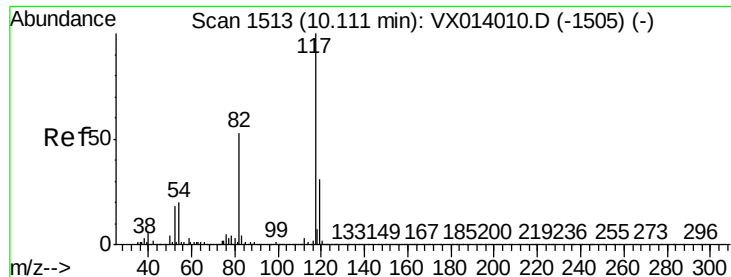
100000

0

Time-->

11.10 11.20

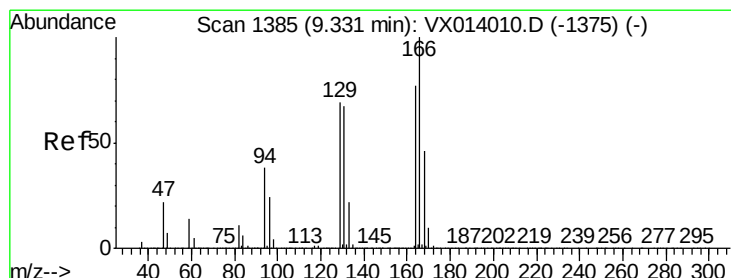
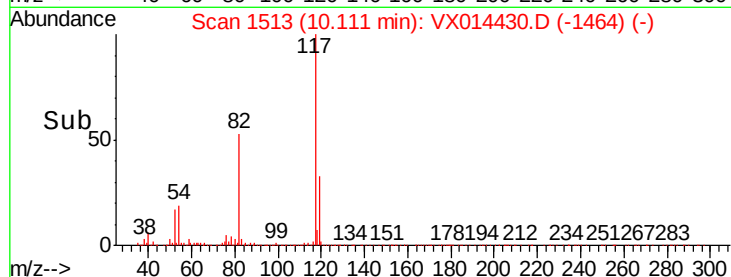
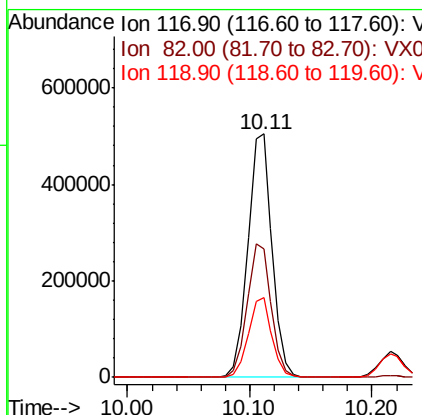
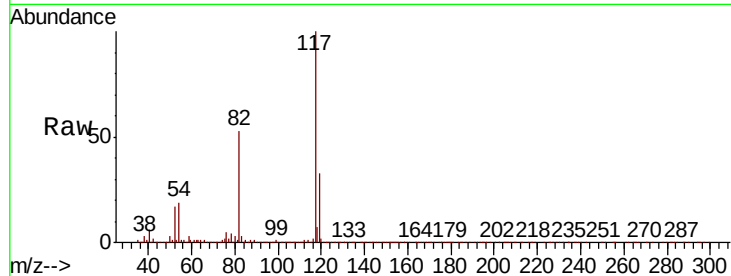




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

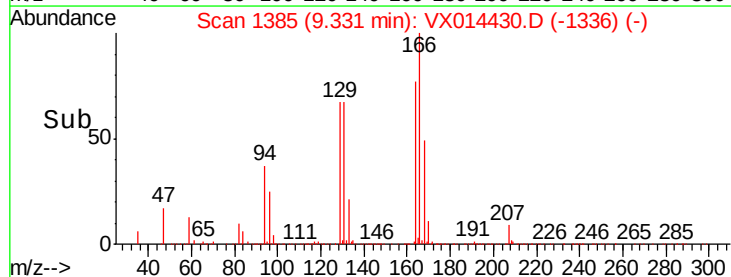
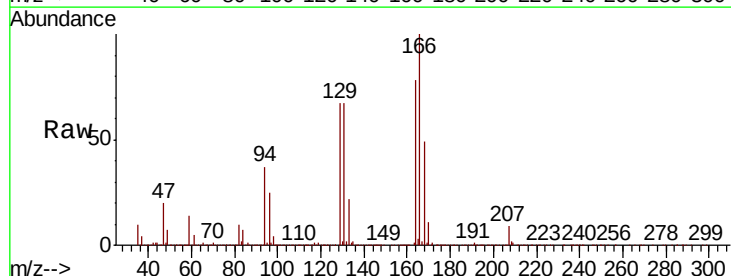
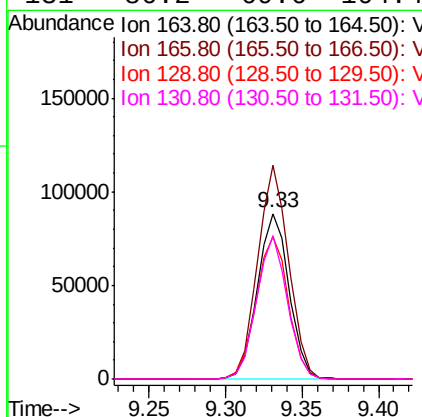
Instrument :
MSVOA_X
ClientSampleId :

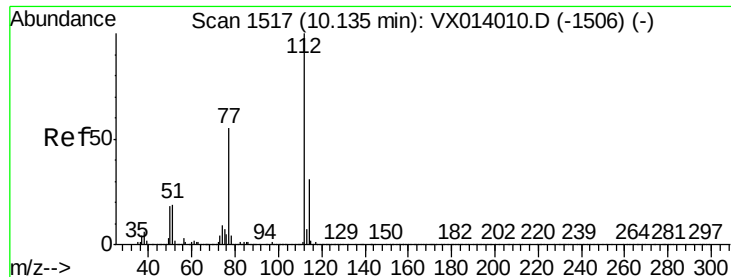
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.2	63.4
119	32.5	25.1	37.7



#64
Tetrachloroethene
Concen: 20.936 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	104.0	156.0
129	85.9	72.2	108.4
131	86.2	69.6	104.4

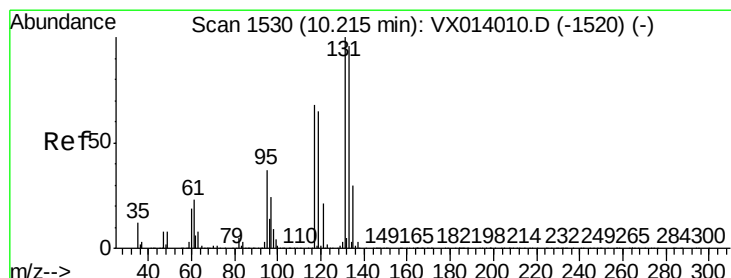
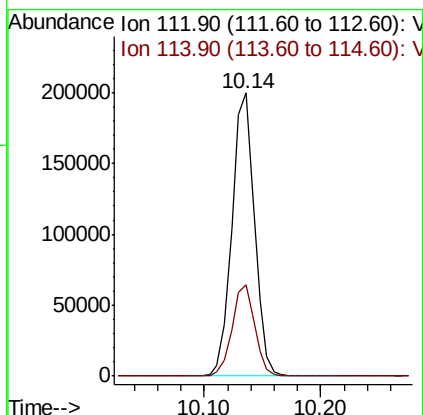
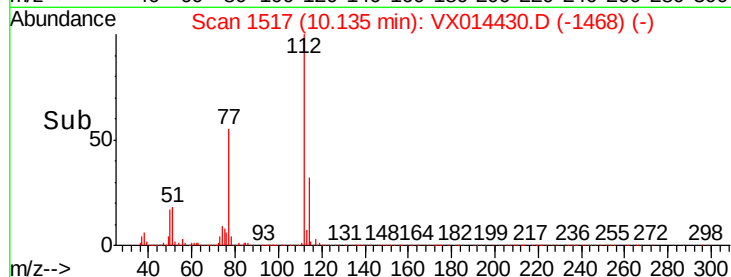
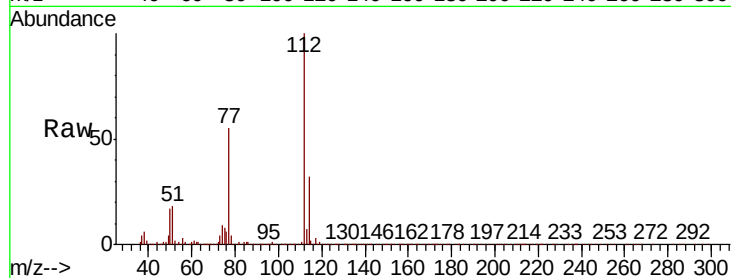




#65
Chlorobenzene
Concen: 18.433 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

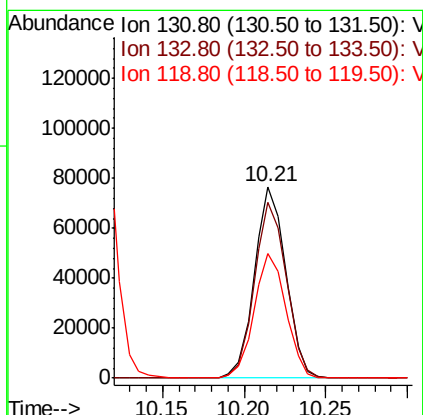
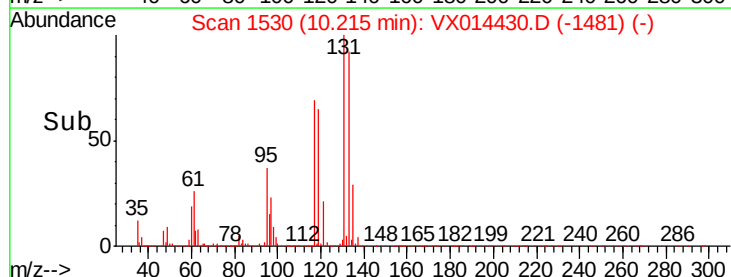
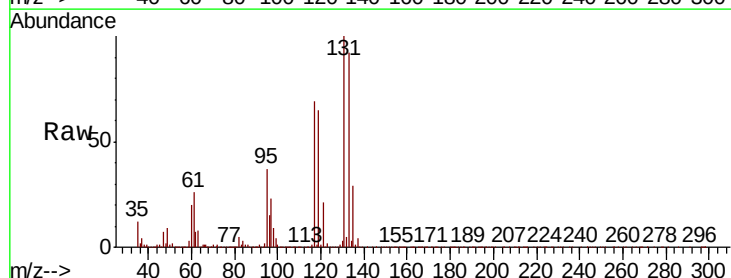
Instrument :
MSVOA_X
ClientSampled :

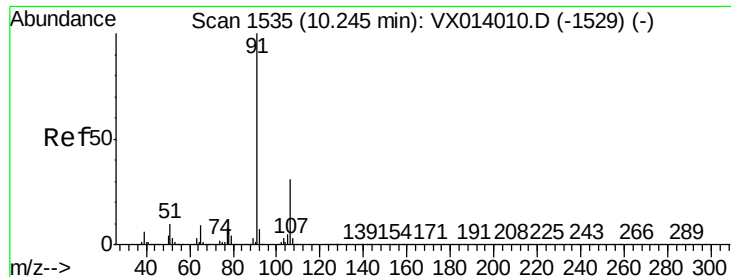
Tot Ion:112 Resp: 270652
Ion Ratio Lower Upper
112 100
114 32.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.596 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion:131 Resp: 102738
Ion Ratio Lower Upper
131 100
133 93.8 48.0 144.0
119 66.0 33.4 100.2

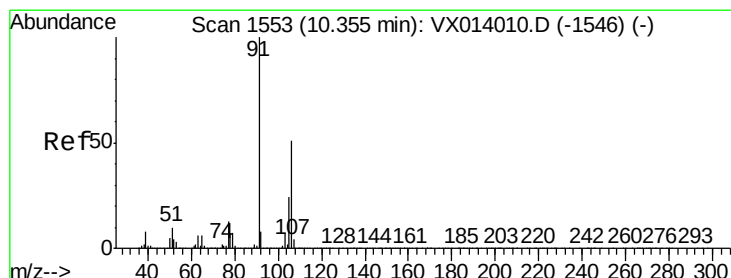
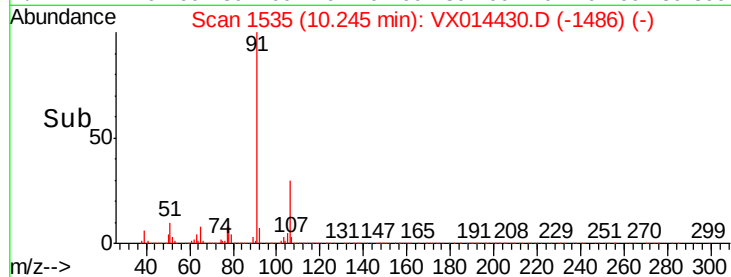
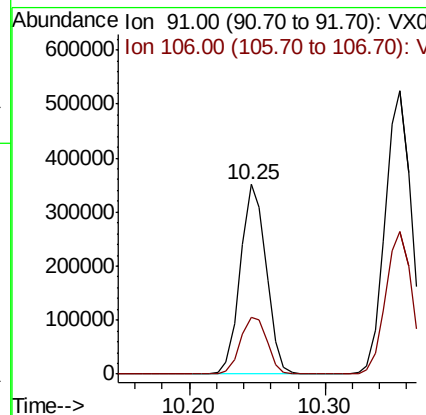
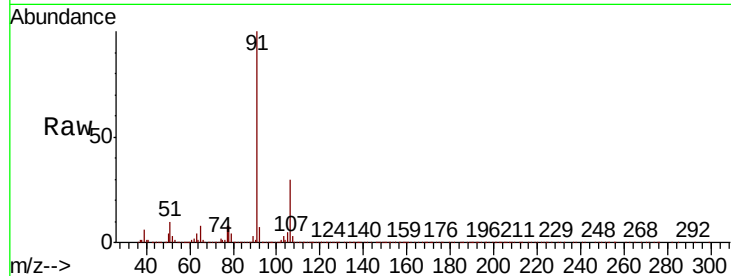




#67
Ethyl Benzene
Concen: 18.419 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

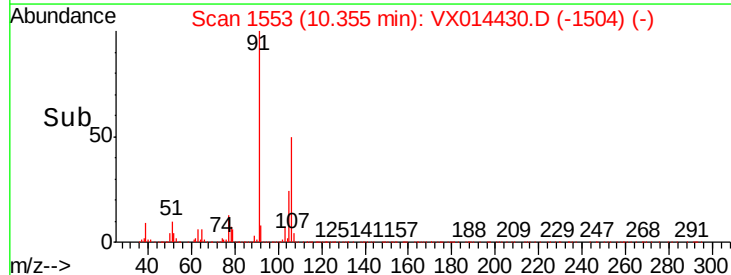
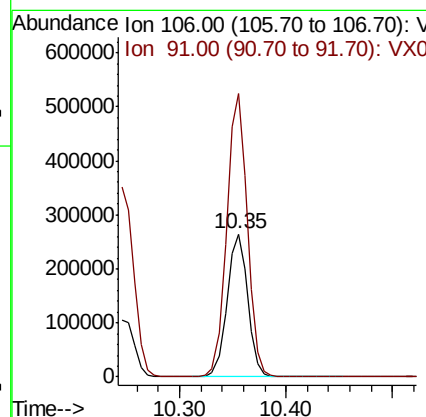
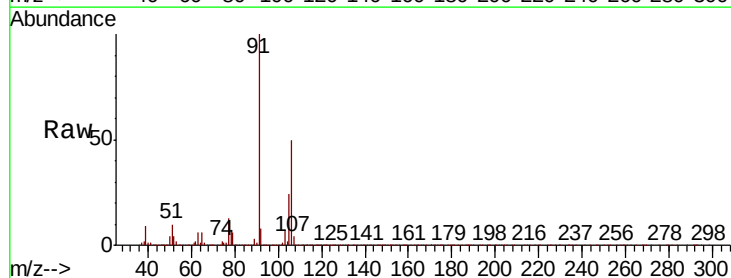
Instrument :
MSVOA_X
ClientSampled :

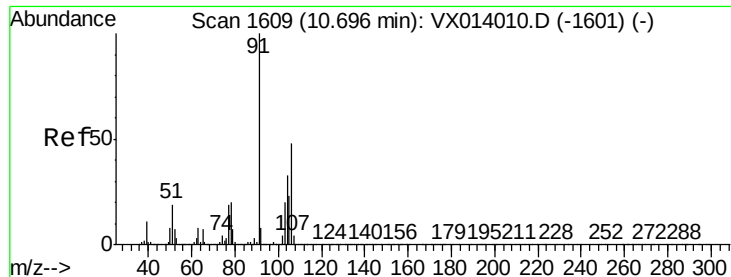
Tot Ion: 91 Resp: 464979
Ion Ratio Lower Upper
91 100
106 29.8 25.0 37.6



#68
m/p-Xylenes
Concen: 36.699 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion: 106 Resp: 356319
Ion Ratio Lower Upper
106 100
91 198.0 158.6 238.0

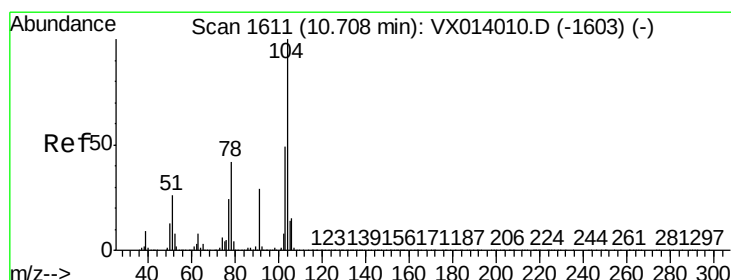
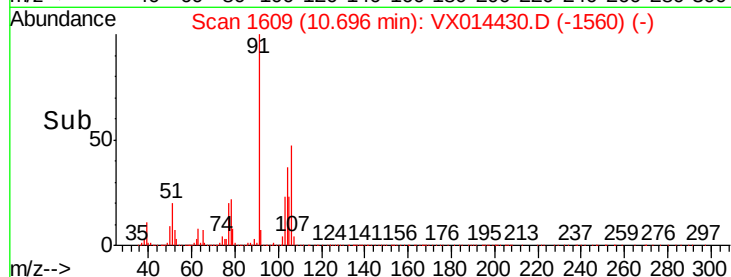
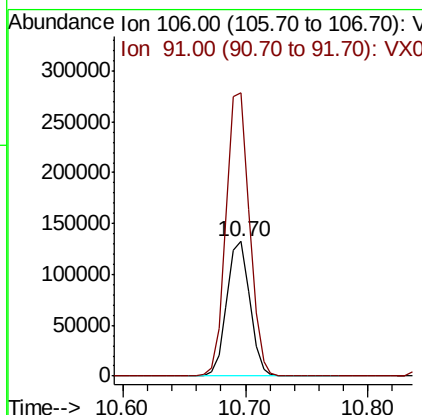
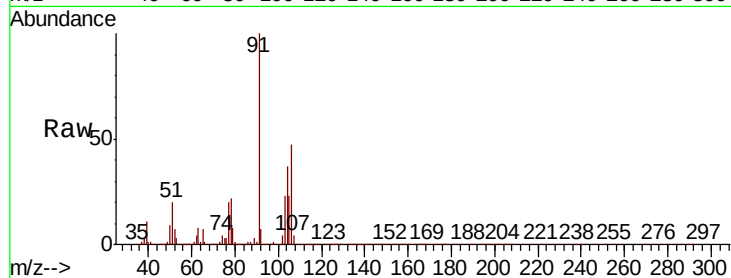




#69
o-Xylene
Concen: 18.150 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

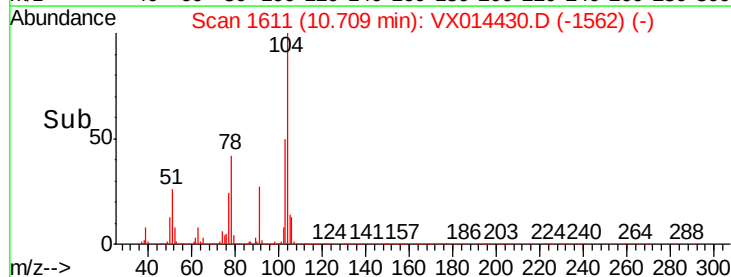
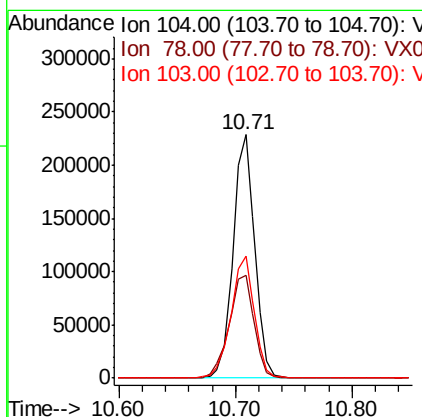
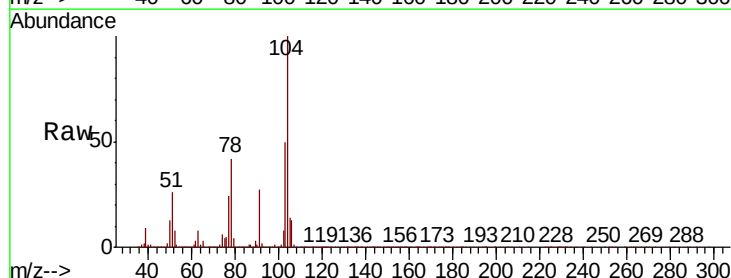
Instrument :
MSVOA_X
ClientSampleId :

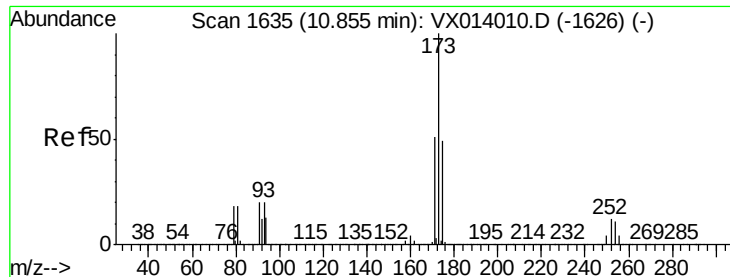
Tot Ion:106 Resp: 172826
Ion Ratio Lower Upper
106 100
91 212.9 104.2 312.6



#70
Styrene
Concen: 18.374 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion:104 Resp: 295857
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 53.9 42.9 64.3





#71

Bromoform

Concen: 19.182 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

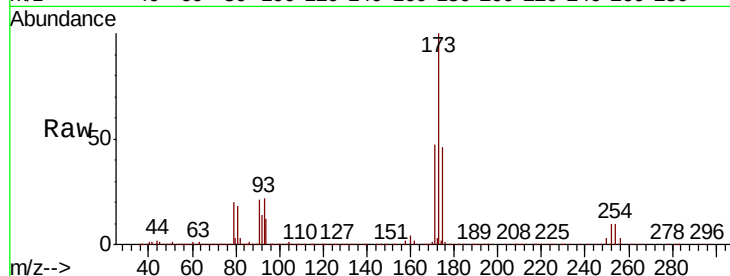
Tot Ion:173 Resp: 80838

Ion Ratio Lower Upper

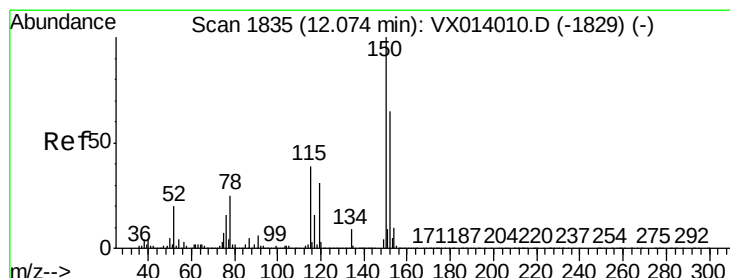
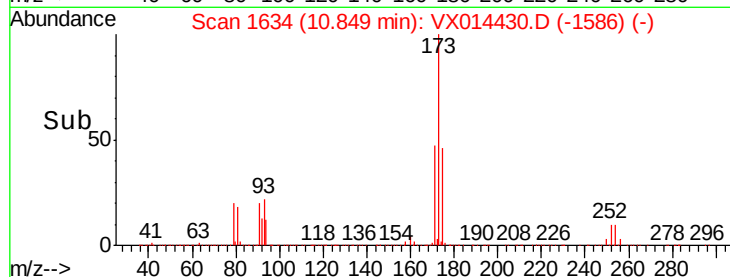
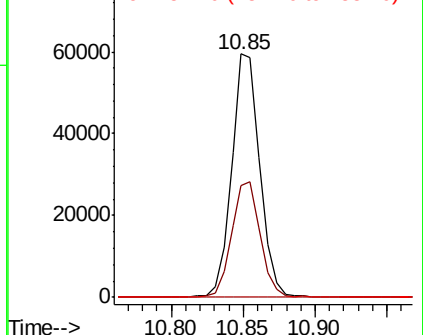
173 100

175 48.9 24.4 73.4

254 0.3 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: VX014430.D

Acq: 06 Jan 2020 16:19

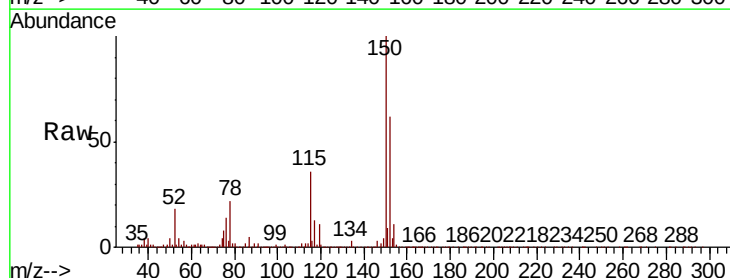
Tgt Ion:152 Resp: 341014

Ion Ratio Lower Upper

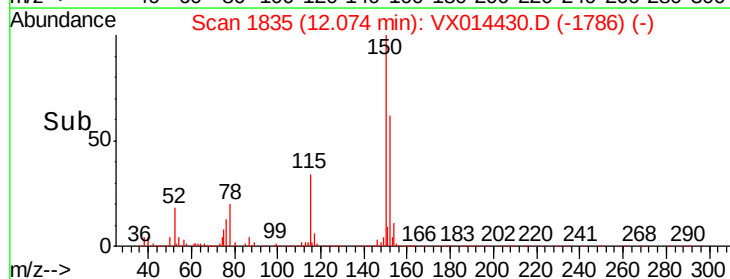
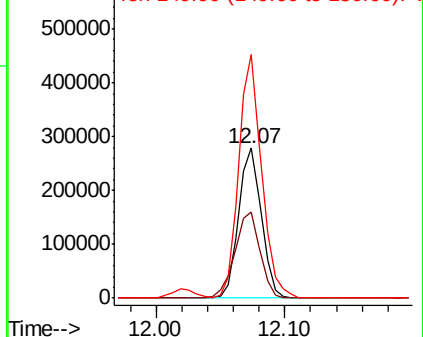
152 100

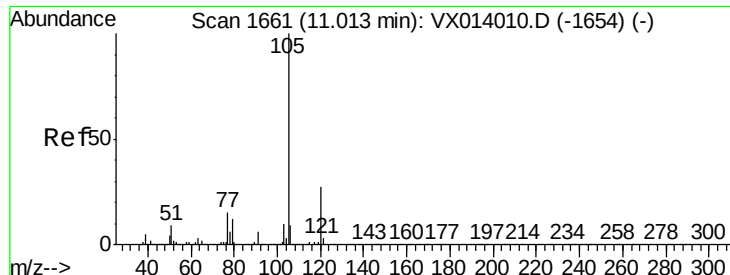
115 64.1 38.3 114.9

150 163.3 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

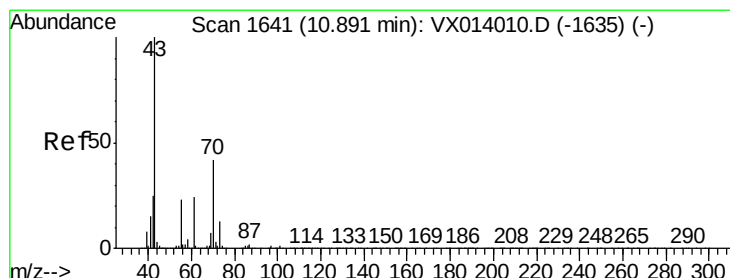
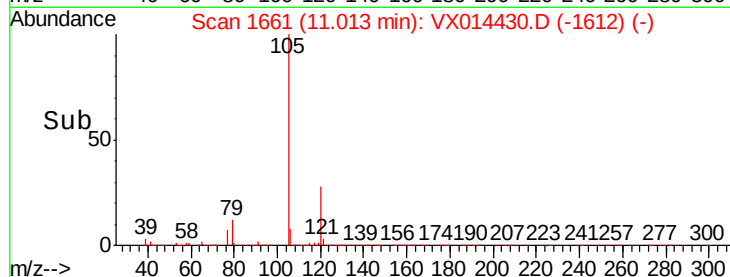
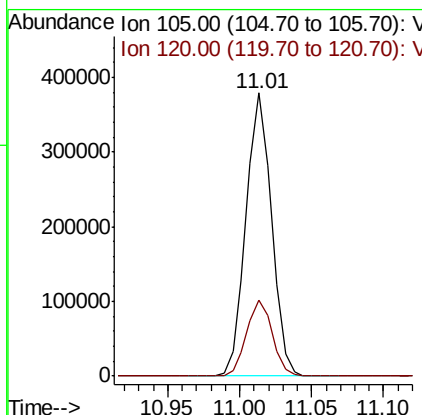
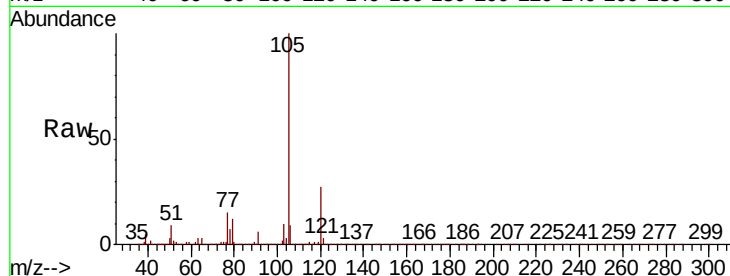




#73
Isopropylbenzene
Concen: 19.374 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

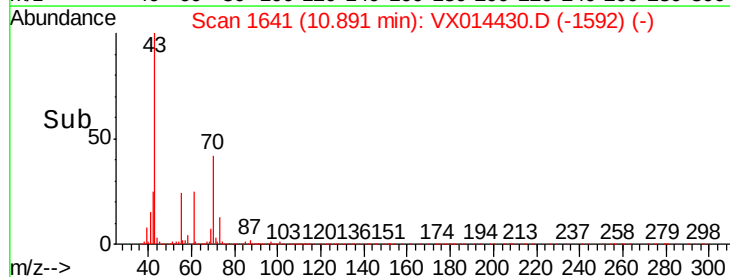
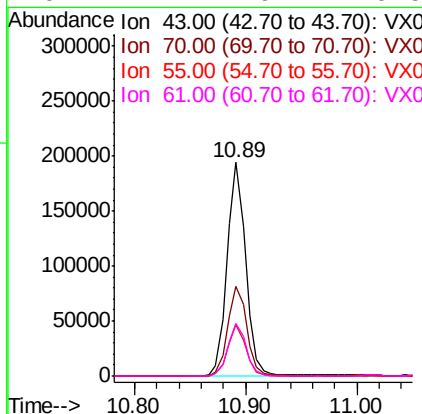
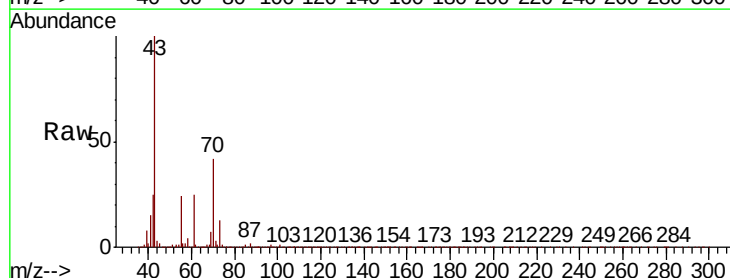
Instrument :
MSVOA_X
ClientSampleId :

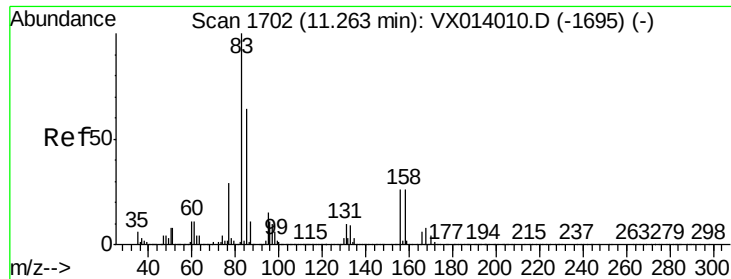
Tot Ion:105 Resp: 465163
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#74
N-ethyl acetate
Concen: 19.878 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion: 43 Resp: 223722
Ion Ratio Lower Upper
43 100
70 42.8 34.4 51.6
55 23.0 19.1 28.7
61 24.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.370 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Instrument :

MSVOA_X

ClientSampled :

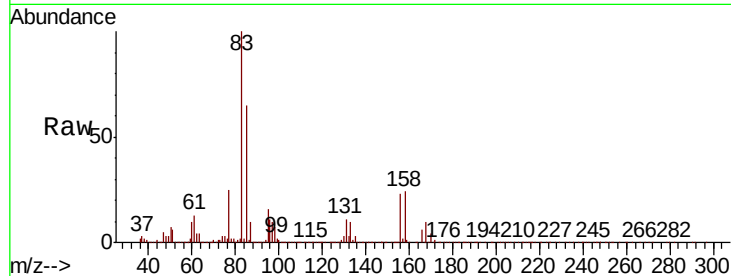
Tot Ion: 83 Resp: 152917

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.2

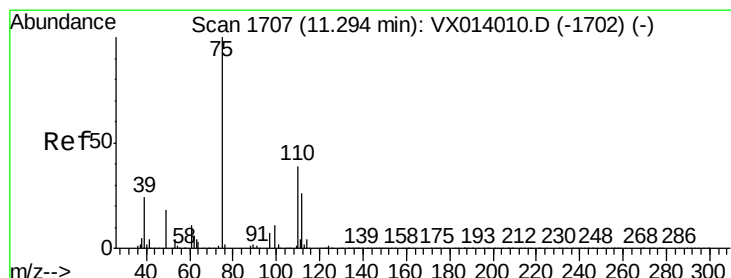
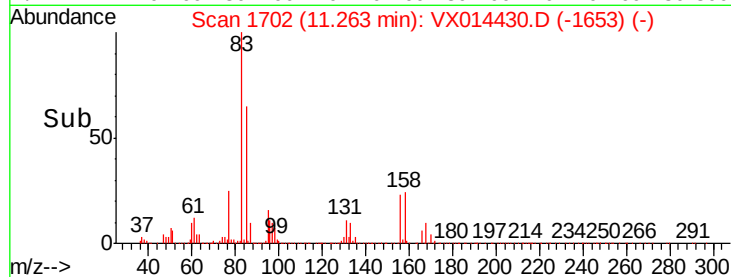
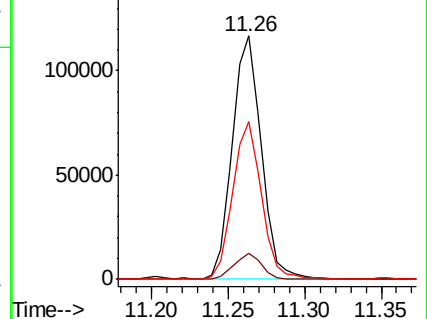
85 64.0 31.9 95.7



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: 24.751 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014430.D

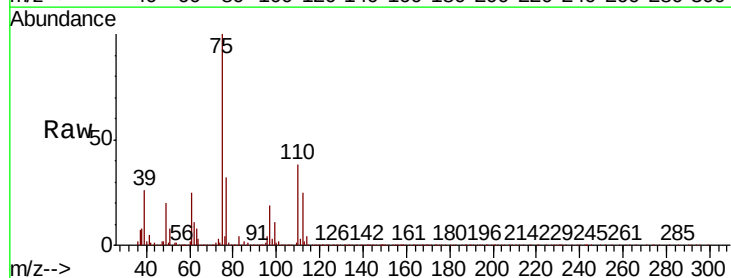
Acq: 06 Jan 2020 16:19

Tgt Ion: 75 Resp: 183239

Ion Ratio Lower Upper

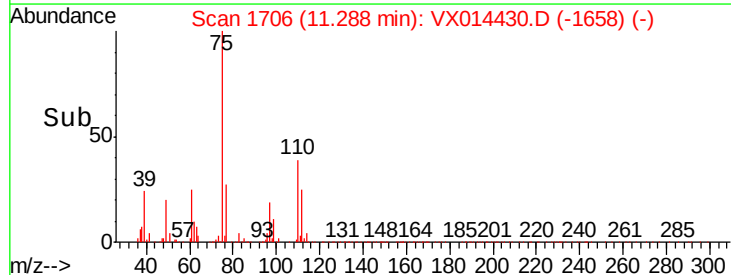
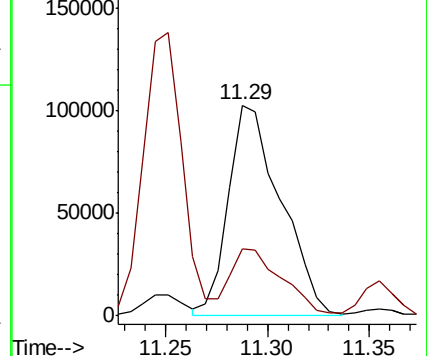
75 100

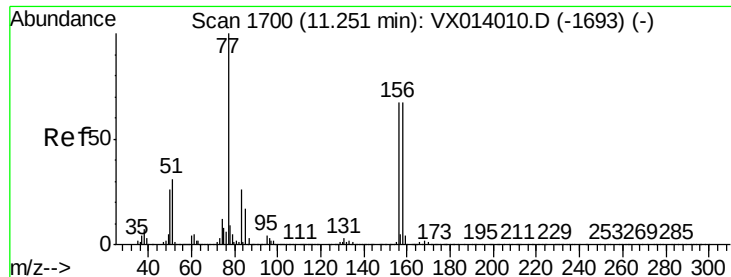
77 30.6 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.549 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

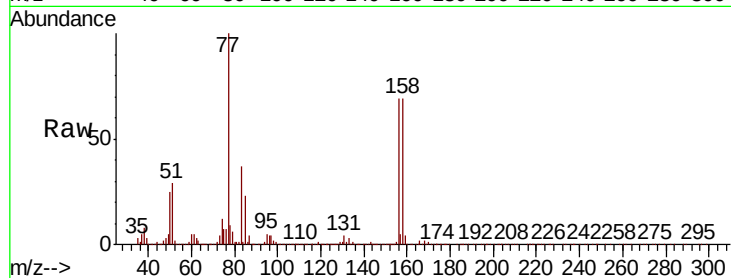
Tot Ion:156 Resp: 122535

Ion Ratio Lower Upper

156 100

77 148.6 76.5 229.5

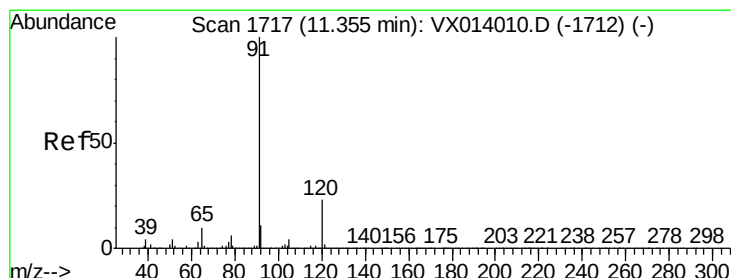
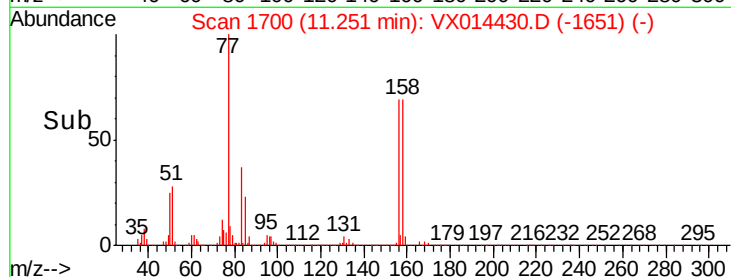
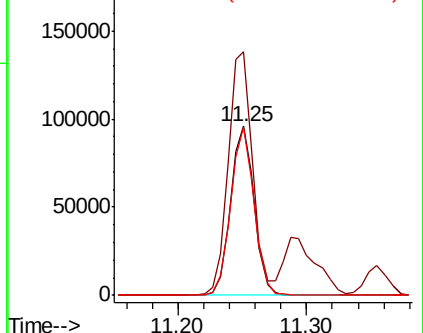
158 99.2 49.3 147.9



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: 19.003 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014430.D

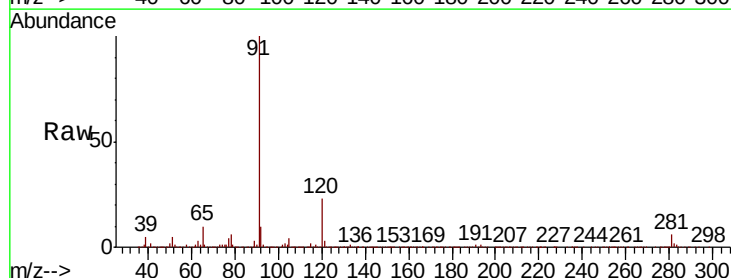
Acq: 06 Jan 2020 16:19

Tgt Ion: 91 Resp: 511786

Ion Ratio Lower Upper

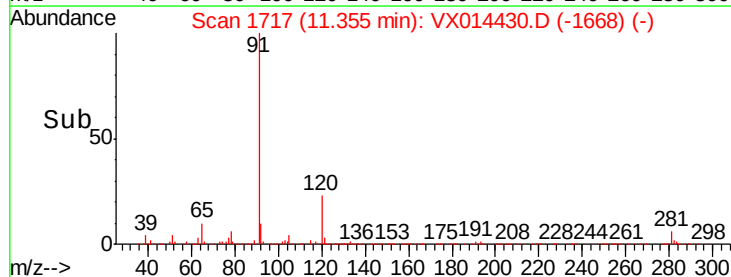
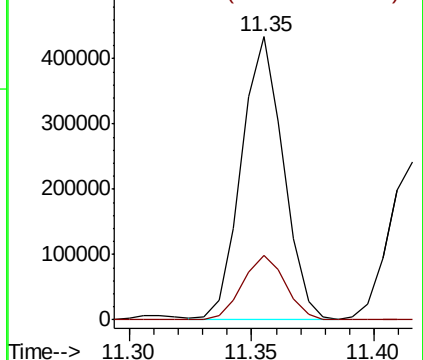
91 100

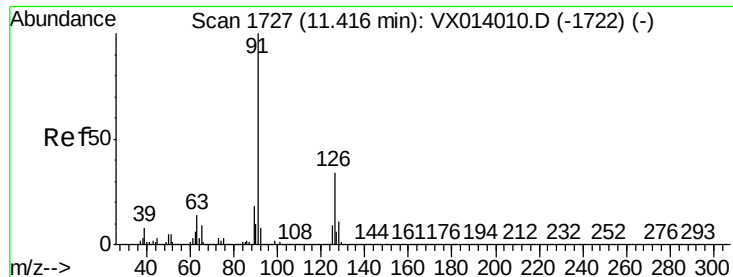
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

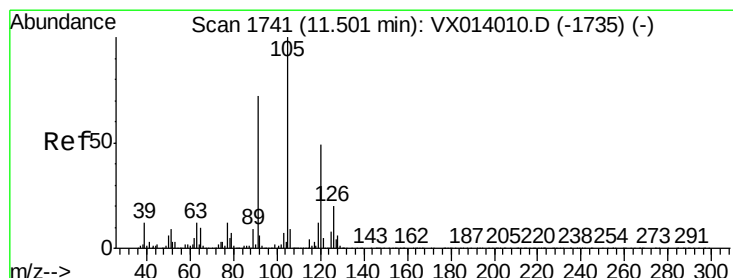
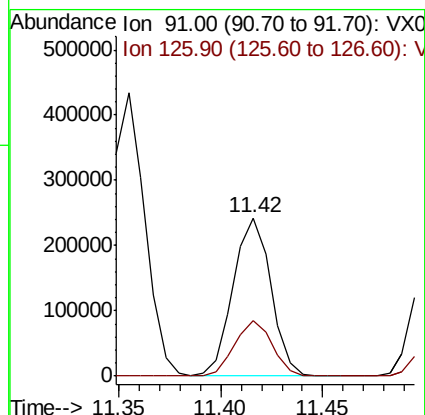
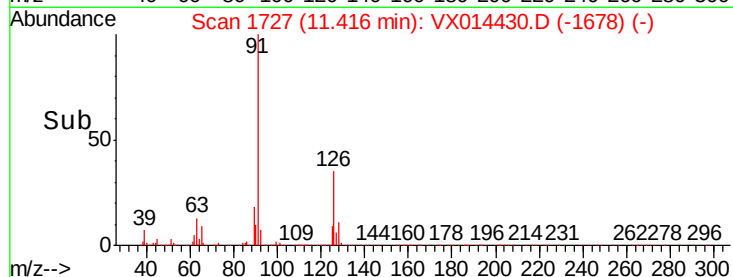
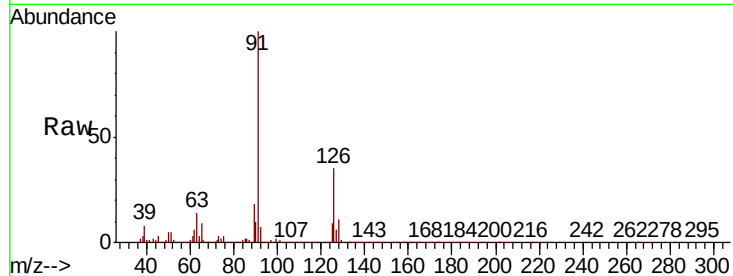




#79
 2-Chlorotoluene
 Concen: 18.958 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014430.D
 Acq: 06 Jan 2020 16:19

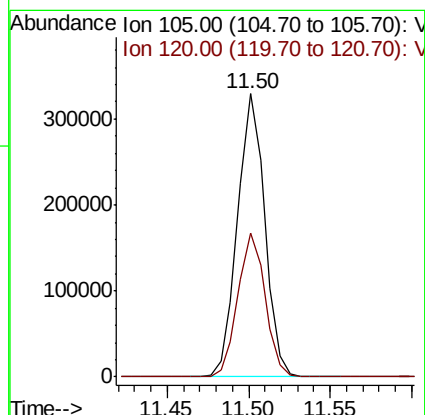
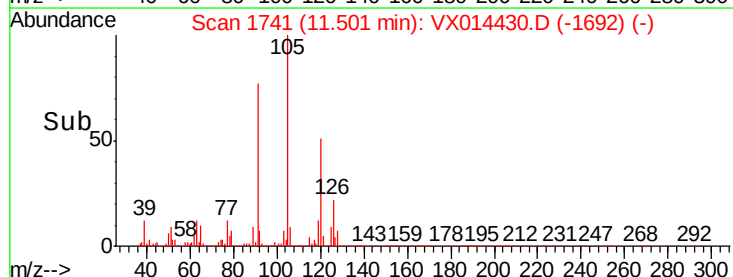
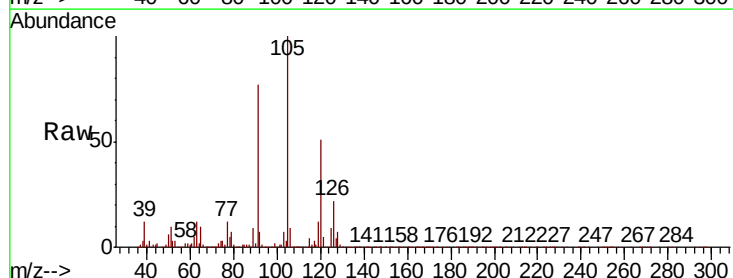
Instrument :
 MSVOA_X
 ClientSampleId :

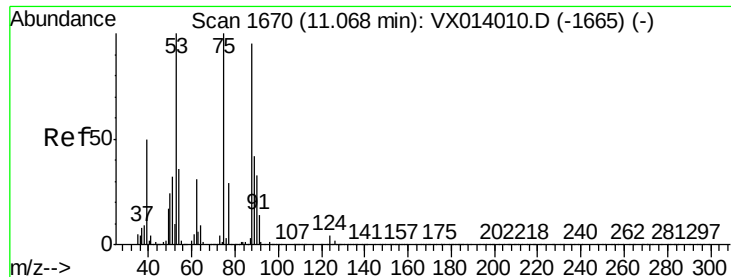
Tot Ion: 91 Resp: 310358
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 18.925 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014430.D
 Acq: 06 Jan 2020 16:19

Tgt Ion: 105 Resp: 382425
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.3 75.8

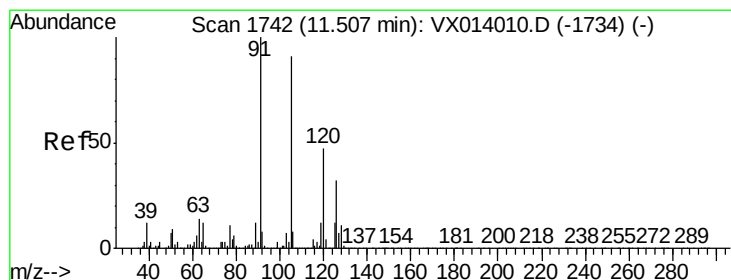
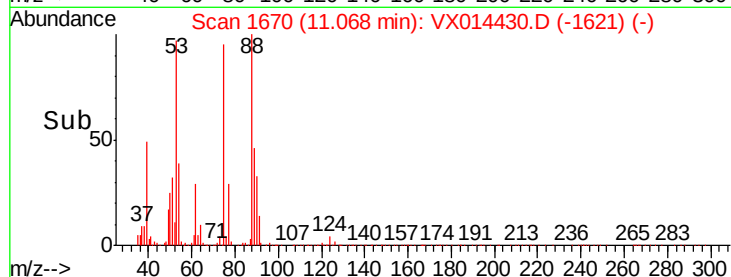
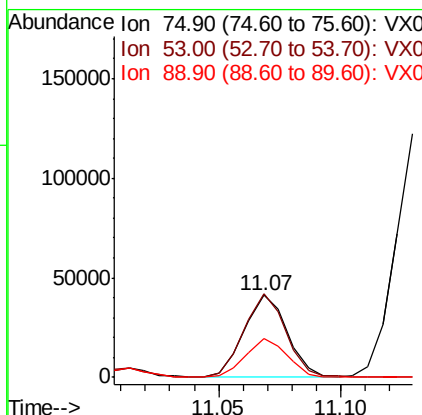
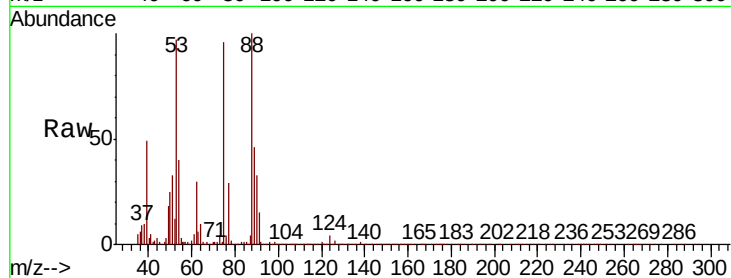




#81
trans-1,4-Dichloro-2-butene
Concen: 19.164 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

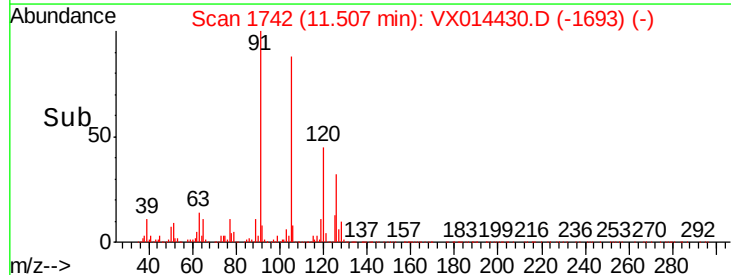
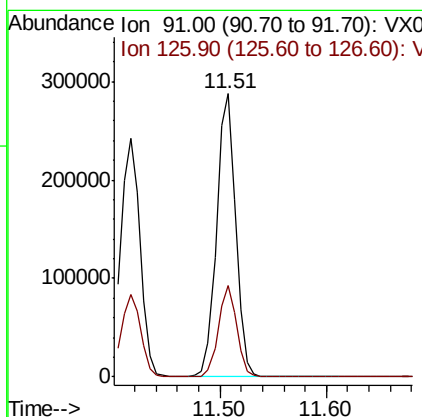
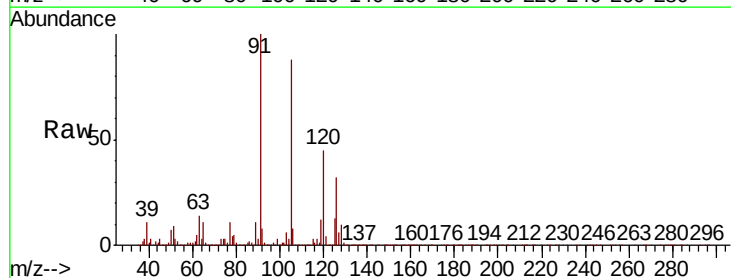
Instrument :
MSVOA_X
ClientSampleId :

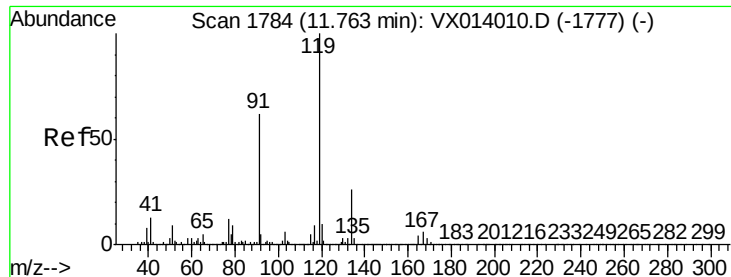
Tot Ion: 75 Resp: 50267
Ion Ratio Lower Upper
75 100
53 98.9 76.7 115.1
89 46.9 34.6 51.8



#82
4-Chlorotoluene
Concen: 18.751 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion: 91 Resp: 356071
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.8

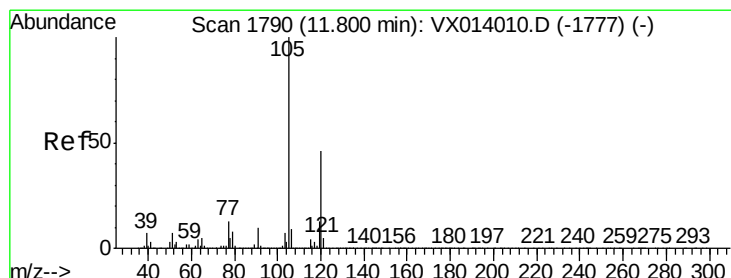
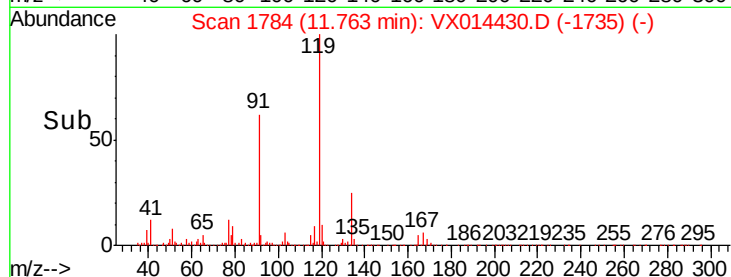
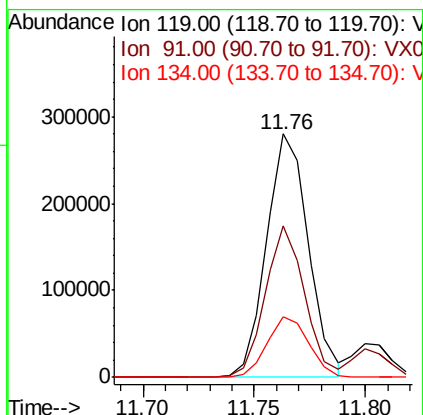
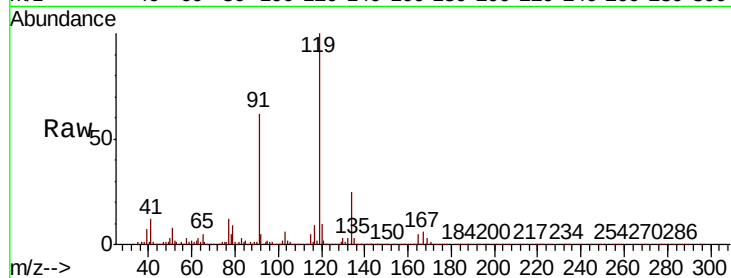




#83
tert-Butylbenzene
Concen: 18.580 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

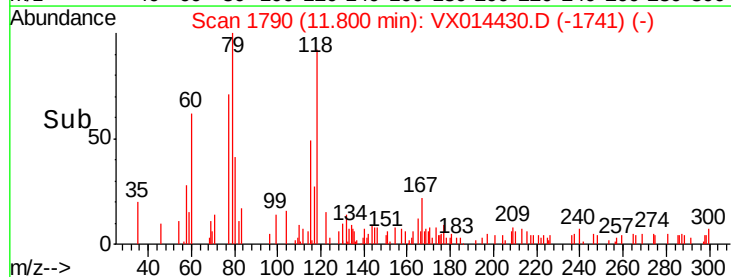
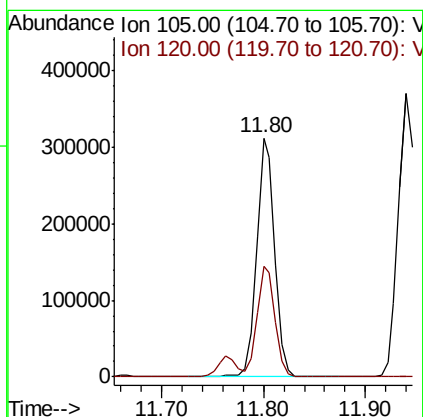
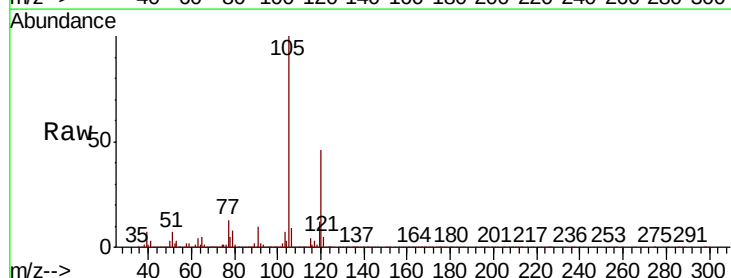
Instrument :
MSVOA_X
ClientSampleId :

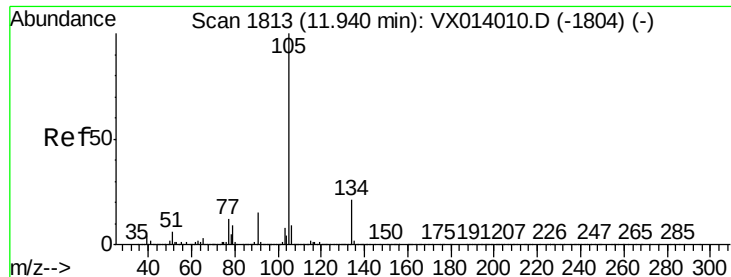
Tot Ion:119 Resp: 365373
Ion Ratio Lower Upper
119 100
91 58.4 28.5 85.6
134 24.8 12.2 36.6



#84
1,2,4-Trimethylbenzene
Concen: 19.095 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion:105 Resp: 386412
Ion Ratio Lower Upper
105 100
120 45.9 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.035 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Instrument :

MSVOA_X

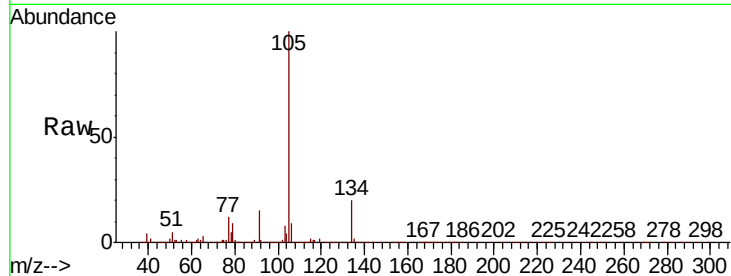
ClientSampleId :

Tot Ion:105 Resp: 441896

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

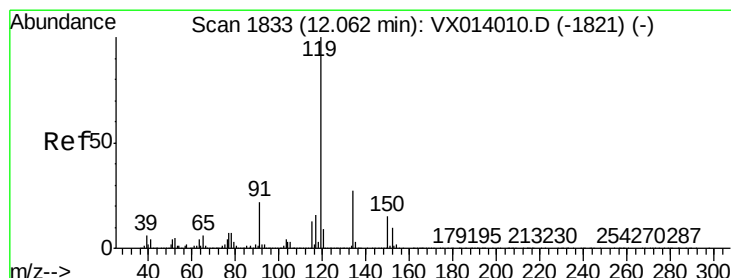
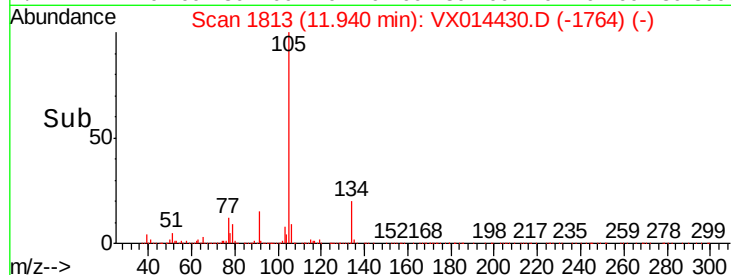
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.174 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

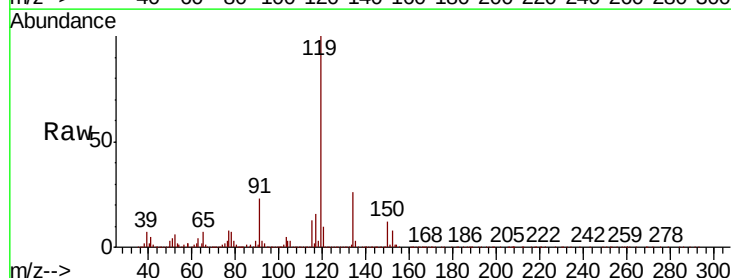
Tgt Ion:119 Resp: 407156

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

91 22.7 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

400000

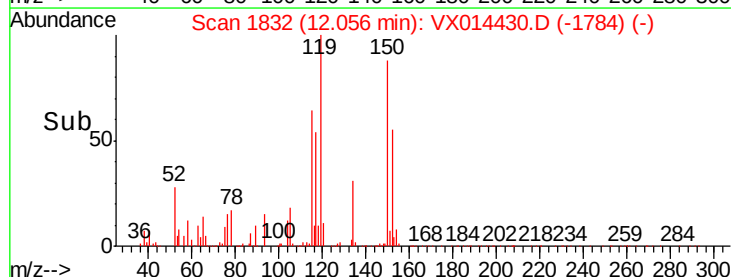
300000

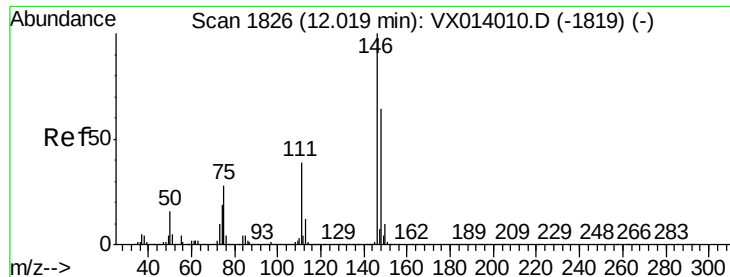
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.228 ug/l

RT: 12.02 min Scan# 1826

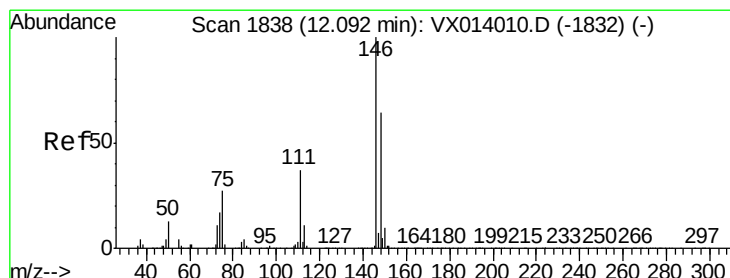
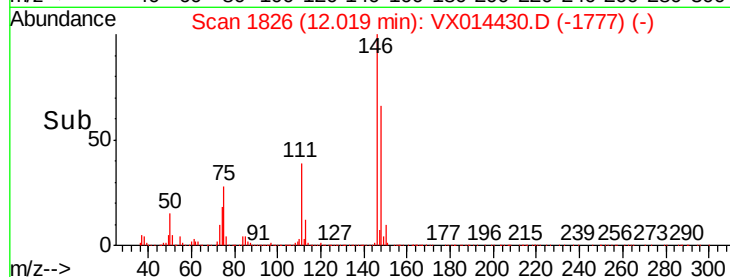
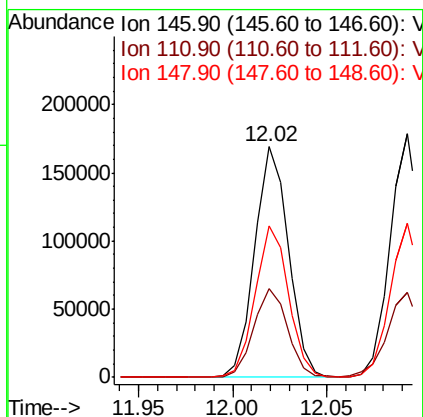
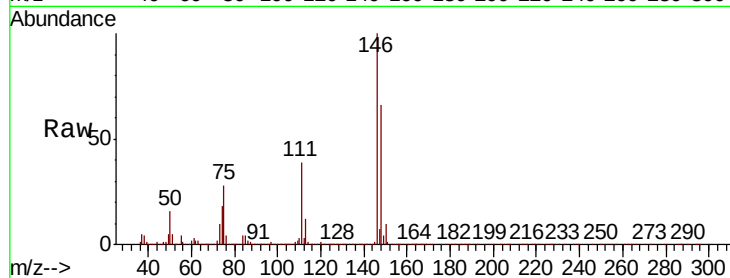
Delta R.T. 0.00 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.1
148	65.0	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 18.310 ug/l

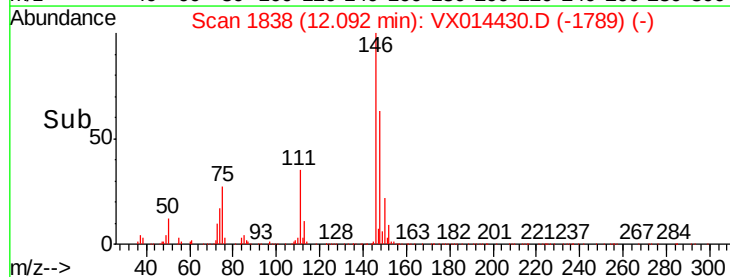
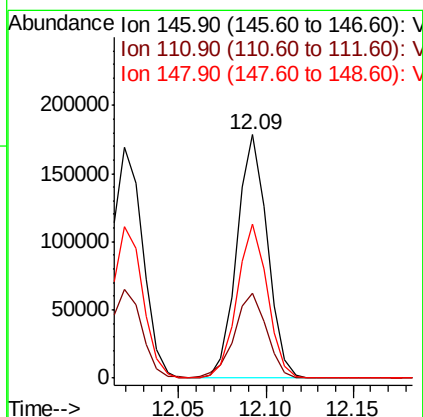
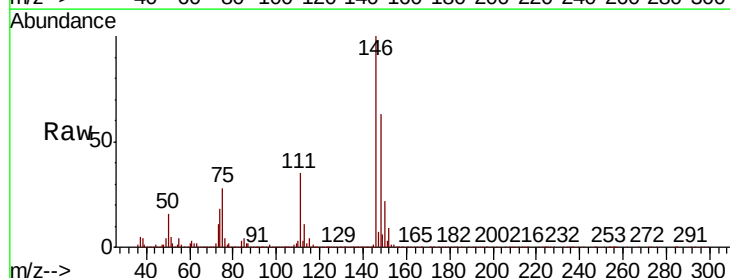
RT: 12.09 min Scan# 1838

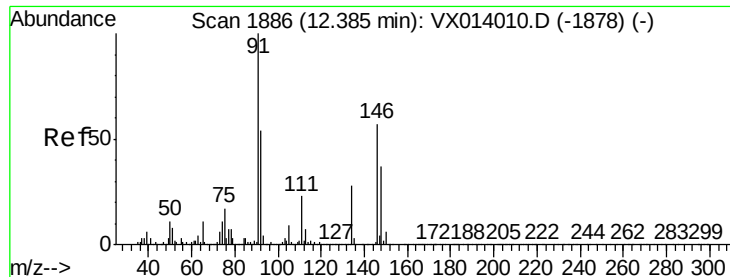
Delta R.T. 0.00 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.7	56.1
148	63.0	31.9	95.9

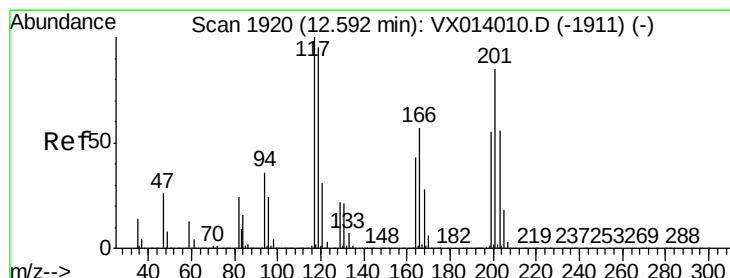
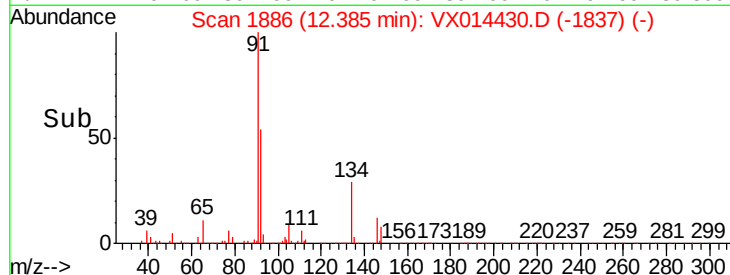
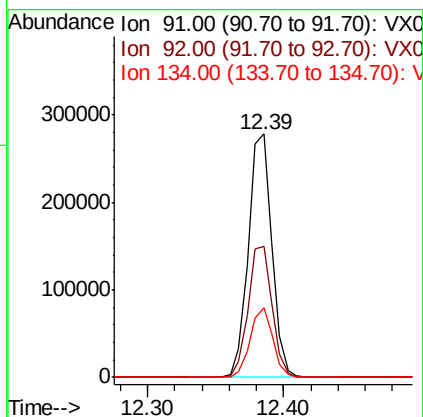
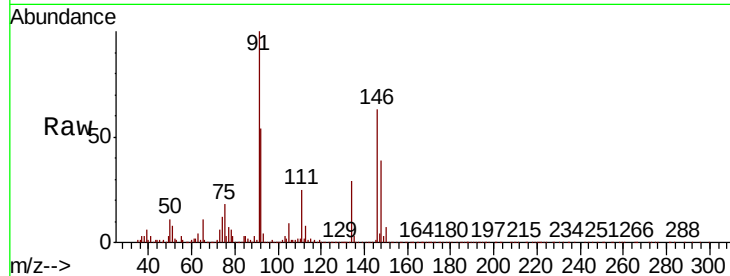




#89
n-Butylbenzene
Concen: 18.623 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

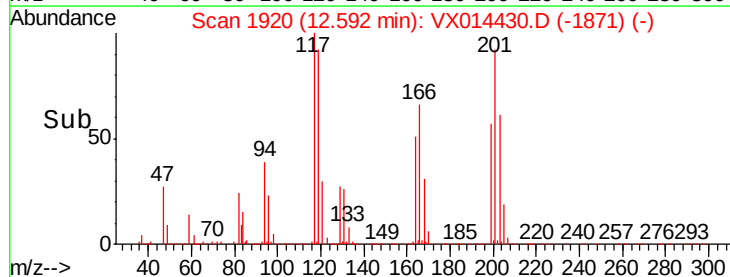
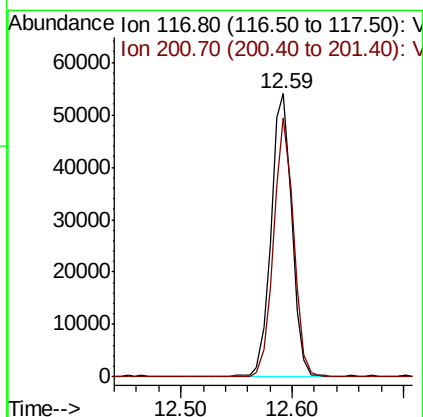
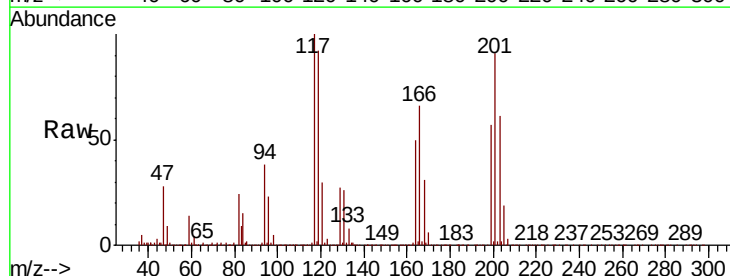
Instrument :
MSVOA_X
ClientSampleId :

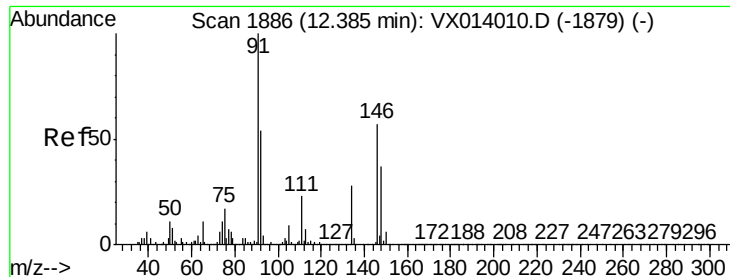
Tot Ion: 91 Resp: 337438
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.6
134 27.4 13.4 40.1



#90
Hexachloroethane
Concen: 18.475 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion: 117 Resp: 70467
Ion Ratio Lower Upper
117 100
201 86.8 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 18.456 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

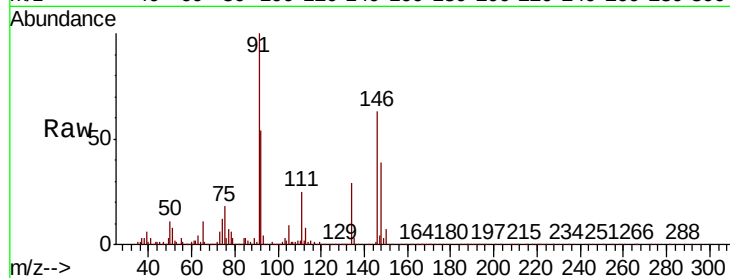
Tot Ion:146 Resp: 215099

Ion Ratio Lower Upper

146 100

111 40.3 19.7 59.1

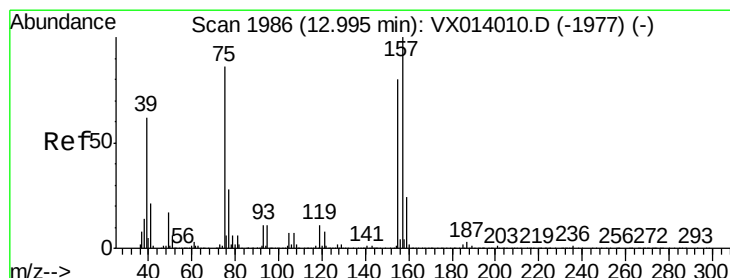
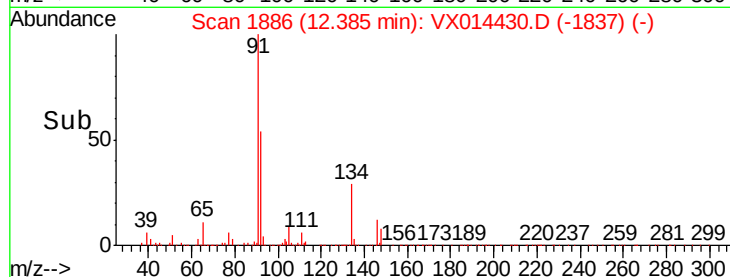
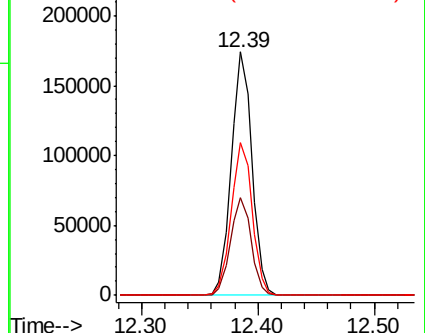
148 64.0 32.1 96.5



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: 17.902 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014430.D

Acq: 06 Jan 2020 16:19

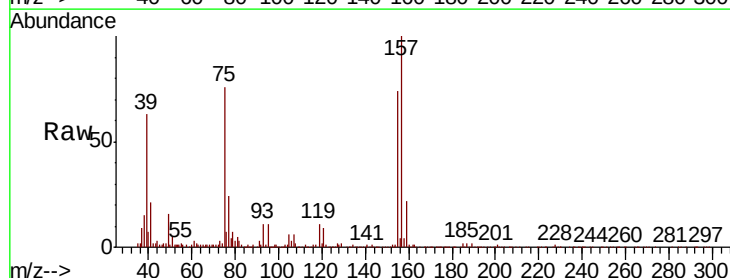
Tgt Ion: 75 Resp: 32977

Ion Ratio Lower Upper

75 100

155 97.7 46.9 140.6

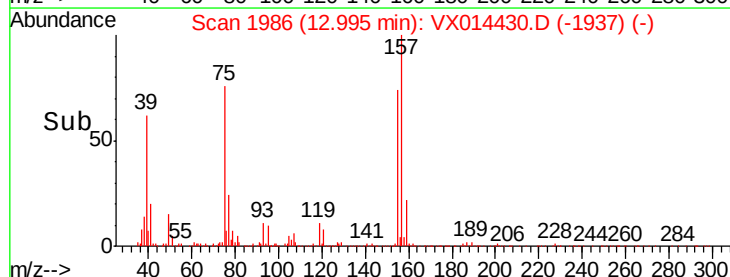
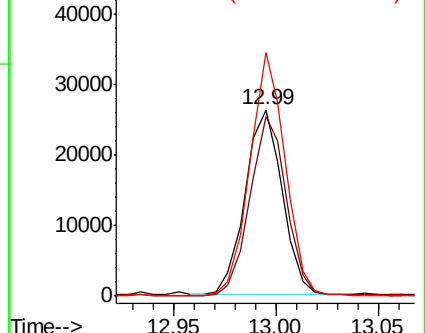
157 127.6 60.8 182.4

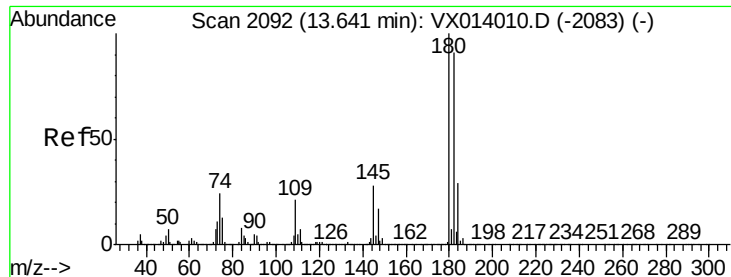


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

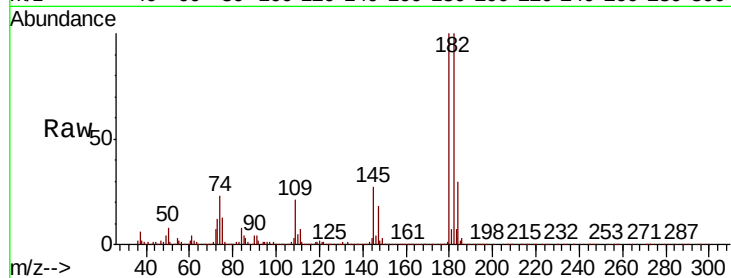




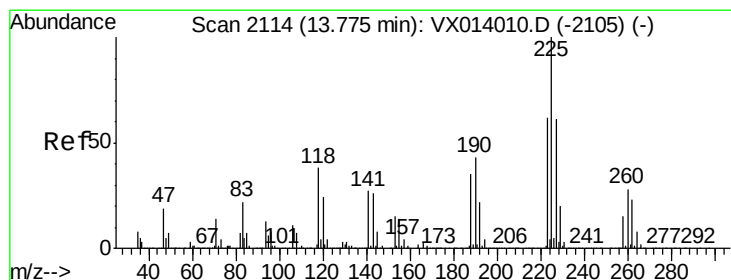
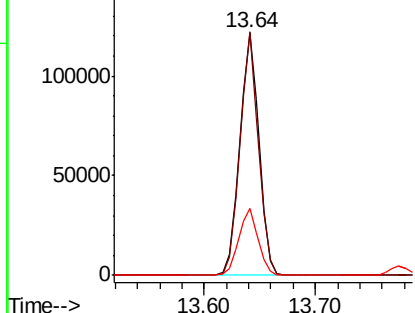
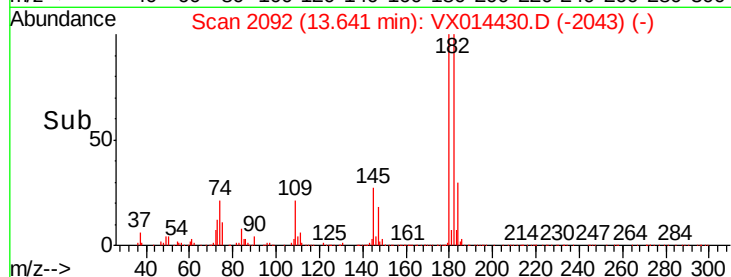
#93
 1,2,4-Trichlorobenzene
 Concen: 19.178 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014430.D
 Acq: 06 Jan 2020 16:19

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.6	139.8
145	28.1	14.2	42.6

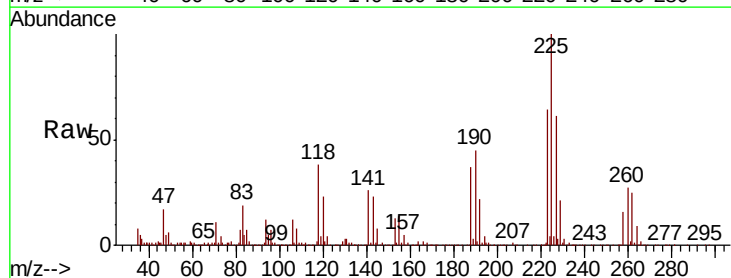


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

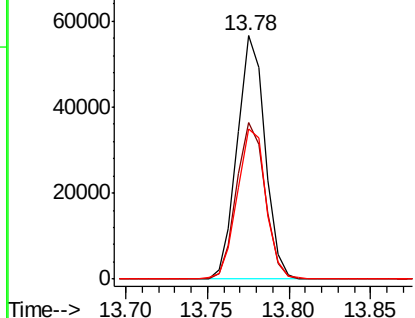
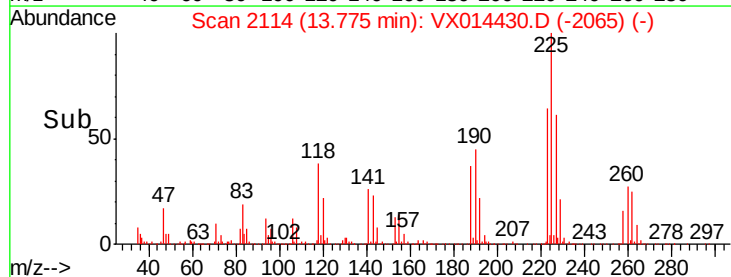


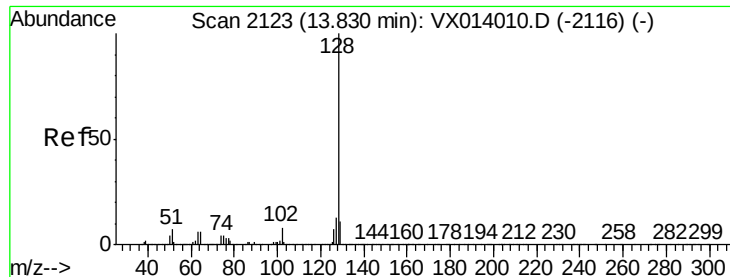
#94
 Hexachlorobutadiene
 Concen: 18.529 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014430.D
 Acq: 06 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	30.9	92.5
227	63.9	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

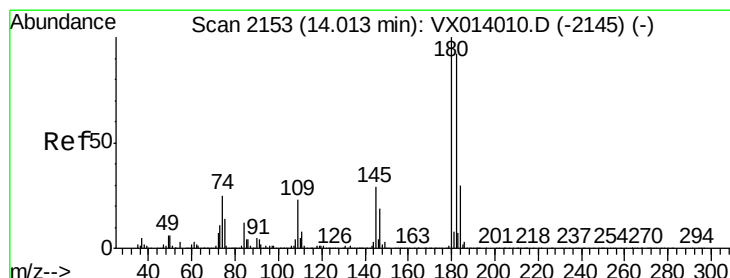
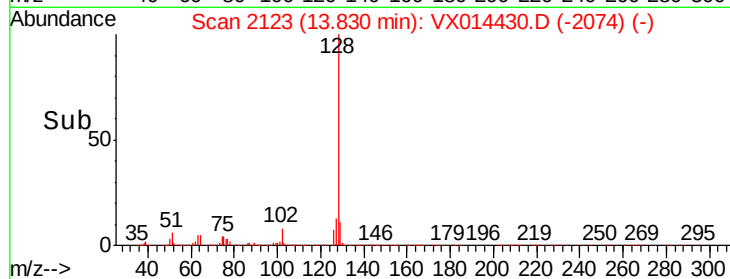
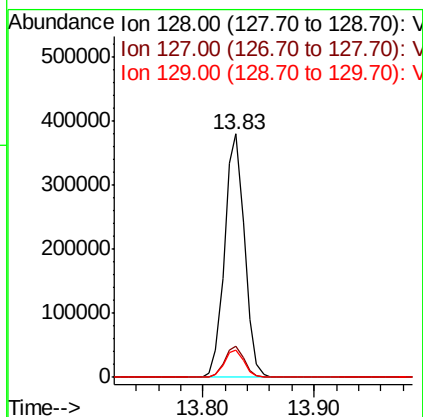
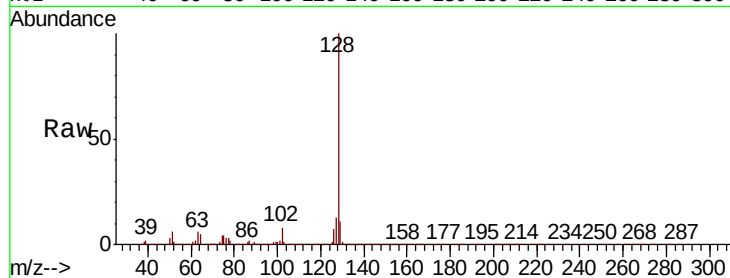




#95
Naphthalene
Concen: 21.086 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.930 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014430.D
Acq: 06 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.8	140.3
145	29.6	14.8	44.4

