

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
 Data File : VX014824.D
 Acq On : 05 Feb 2020 15:54
 Operator : JC/SP
 Sample : L1377-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 03:06:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	66800	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	363894	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	332010	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	142479	30.35	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.17%
60) 4-Bromofluorobenzene	11.13	95	157425	29.63	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.77%
63) Toluene-d8	8.71	98	452331	30.16	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.53%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	87851	19.030	ug/l 98
3) Chloromethane	1.32	50	95284	18.852	ug/l 97
4) Vinyl Chloride	1.40	62	109278	19.255	ug/l 99
5) Bromomethane	1.64	94	60952	17.211	ug/l 98
6) Chloroethane	1.72	64	61325	19.169	ug/l 93
7) Trichlorofluoromethane	1.93	101	126880	20.192	ug/l 98
8) Diethyl Ether	2.18	74	55124	20.084	ug/l 91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71790	19.527	ug/l 97
10) 1,1-Dichloroethene	2.37	96	70533	19.074	ug/l 98
11) Methyl Iodide	2.50	142	91596	18.470	ug/l 99
12) Methyl Acetate	2.76	43	129065	19.321	ug/l 96
13) Acrolein	2.28	56	64050	91.282	ug/l 99
14) Acrylonitrile	3.13	53	218379	95.539	ug/l 99
15) Acetone	2.43	58	56987	74.367	ug/l 86
16) Carbon Disulfide	2.56	76	184397	18.156	ug/l 98
17) Allyl chloride	2.72	41	127301	18.601	ug/l 91
18) Methylene Chloride	2.85	84	83085	19.198	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	76773	19.286	ug/l 97
20) Diisopropyl ether	3.84	45	263533	19.463	ug/l 98
21) 1,1-Dichloroethane	3.69	63	144486	19.642	ug/l 97
22) cis-1,2-Dichloroethene	4.59	96	89569	19.580	ug/l 97
23) tert-Butyl Alcohol	3.02	59	85497	90.444	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	245212	19.925	ug/l 98
25) Chloroform	5.20	83	142373	19.980	ug/l 97
26) Cyclohexane	5.57	56	126157	18.593	ug/l 99
29) 1,1-Dichloropropene	5.79	75	103685	19.428	ug/l 99
30) 2-Butanone	4.65	43	295023	87.268	ug/l 99
31) 2,2-Dichloropropane	4.58	77	109936	19.252	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	118007	19.987	ug/l 99
33) Carbon Tetrachloride	5.78	117	99961	19.721	ug/l 99
34) Benzene	6.14	78	320474	19.433	ug/l 97
35) Methacrylonitrile	5.03	41	63864	18.915	ug/l 93
36) 1,2-Dichloroethane	6.18	62	118541	20.655	ug/l 98
37) Trichloroethene	7.21	130	87349	19.345	ug/l 98
38) Methylcyclohexane	7.46	83	125427	18.876	ug/l 99
39) 1,2-Dichloropropane	7.50	63	82789	19.306	ug/l 99
40) Dibromomethane	7.65	93	54827	19.894	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	106865	19.801	ug/l	96
42) Vinyl Acetate	3.80	43	988544	94.871	ug/l	100
43) Ethyl Acetate	4.82	43	111695	18.251	ug/l	99
44) Isopropyl Acetate	6.43	43	188148	19.058	ug/l	99
45) 1,4-Dioxane	7.73	88	34477	349.116	ug/l	98
46) Methyl methacrylate	7.76	41	93778	19.316	ug/l	97
47) n-amyl Acetate	10.89	43	155972	18.855	ug/l	97
48) t-1,3-Dichloropropene	9.04	75	114661	19.460	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	124858	18.806	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	84058	20.044	ug/l	98
51) Ethyl methacrylate	9.17	69	123238	18.874	ug/l	97
52) 1,3-Dichloropropane	9.37	76	141750	19.950	ug/l	100
53) Dibromochloromethane	9.57	129	84759	19.760	ug/l	98
54) 1,2-Dibromoethane	9.67	107	86791	19.955	ug/l	98
56) Bromoform	10.85	173	63082	19.093	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	594885	95.147	ug/l	99
59) 2-Hexanone	9.48	43	448872	92.830	ug/l	100
61) Tetrachloroethene	9.33	164	85615	17.447	ug/l	98
62) Toluene	8.78	91	349527	19.843	ug/l	99
64) Chlorobenzene	10.13	112	215498	19.598	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	79371	19.543	ug/l	98
66) Ethyl Benzene	10.25	91	377630	19.682	ug/l	100
67) m/p-Xylenes	10.35	106	287880	39.172	ug/l	100
68) o-Xylene	10.70	106	139274	19.462	ug/l	100
69) Styrene	10.71	104	233024	19.218	ug/l	99
70) Isopropylbenzene	11.01	105	369658	19.717	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	125784	19.917	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	135316	25.049	ug/l	99
73) Bromobenzene	11.25	156	97626	19.644	ug/l	98
74) n-propylbenzene	11.35	91	417325	19.480	ug/l	98
75) 2-Chlorotoluene	11.42	91	249891	19.463	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	308014	19.717	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	36955	17.775	ug/l	95
78) 4-Chlorotoluene	11.51	91	286110	19.621	ug/l	97
79) tert-butylbenzene	11.76	119	296851	20.308	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	302648	19.424	ug/l	99
81) sec-Butylbenzene	11.94	105	353888	19.565	ug/l	100
82) p-Isopropyltoluene	12.06	119	321038	19.442	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	170541	19.653	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	173079	20.118	ug/l	98
85) n-Butylbenzene	12.39	91	267966	18.547	ug/l	99
86) Hexachloroethane	12.59	117	54779	18.500	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	171550	19.592	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	25847	19.160	ug/l	95
89) 1,2,4-Trichlorobenzene	13.64	180	112461	19.459	ug/l	98
90) Hexachlorobutadiene	13.78	225	55607	19.256	ug/l	100
91) Naphthalene	13.83	128	344849	19.767	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	118026	20.063	ug/l	98

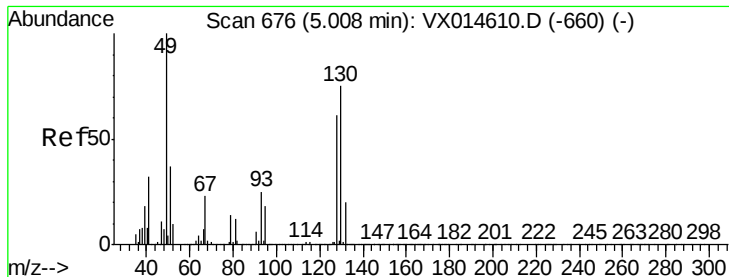
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :

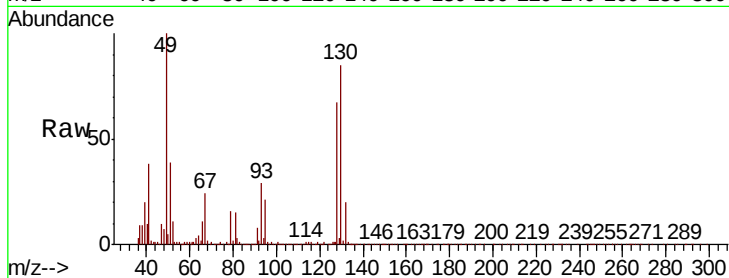
Tot Ion:128 Resp: 66800

Ion Ratio Lower Upper

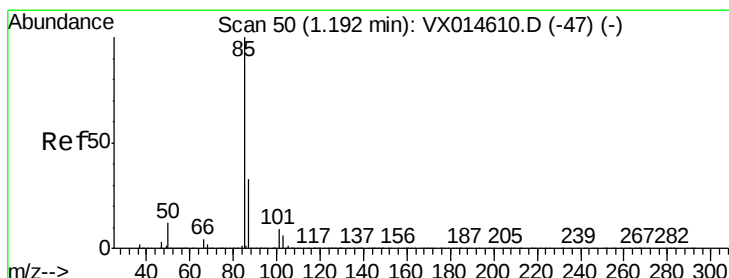
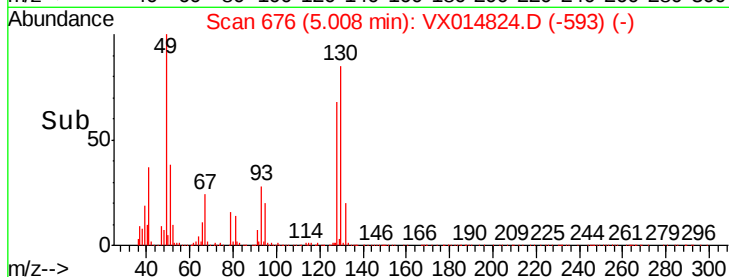
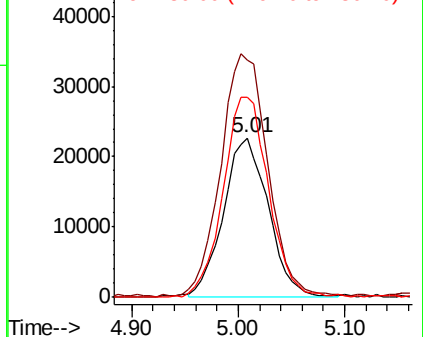
128 100

49 157.6 0.0 405.0

130 127.6 0.0 321.5



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.030 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014824.D

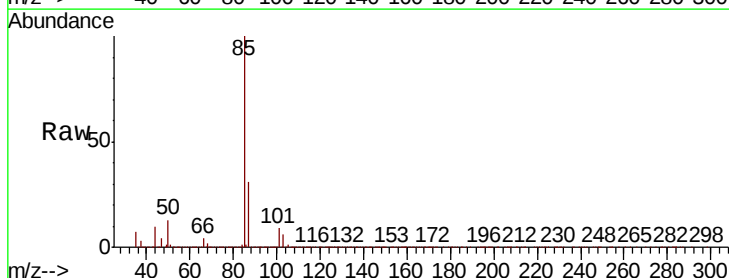
Acq: 05 Feb 2020 15:54

Tgt Ion: 85 Resp: 87851

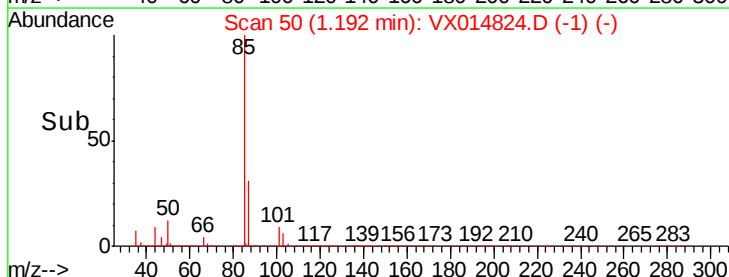
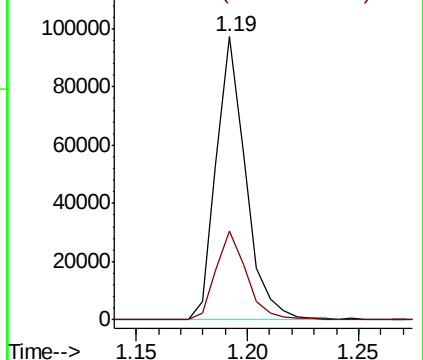
Ion Ratio Lower Upper

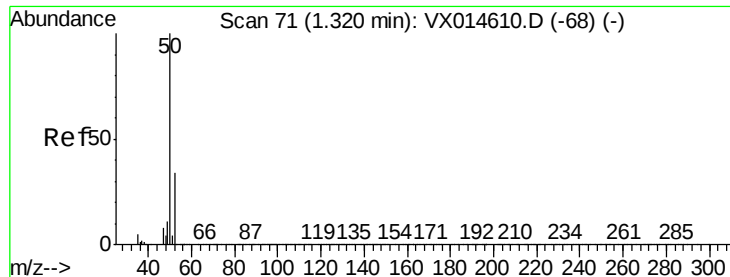
85 100

87 31.4 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.852 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

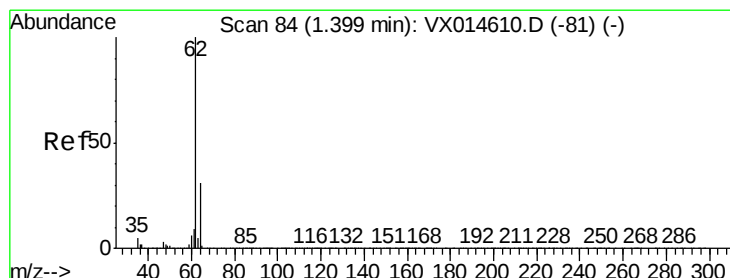
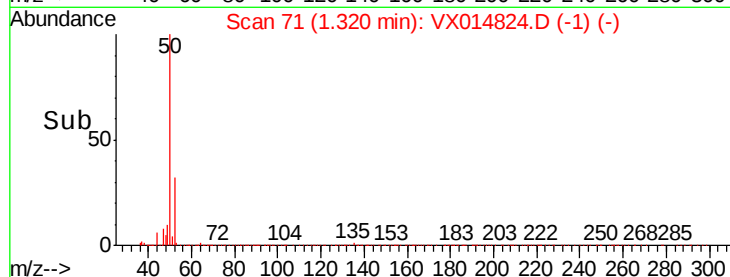
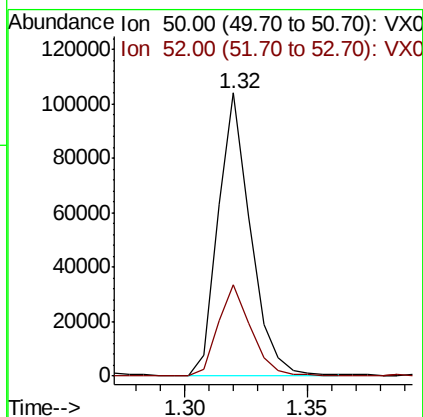
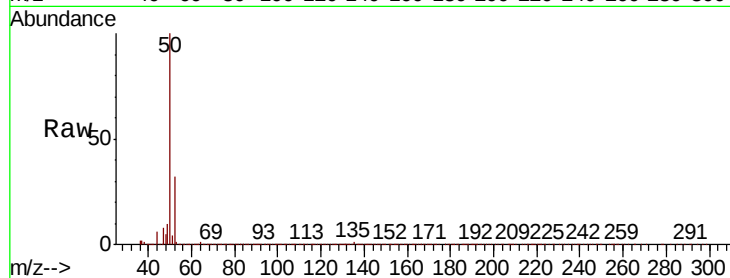
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 95284

Ion Ratio Lower Upper

50 100

52 32.1 24.3 36.5



#4

Vinyl Chloride

Concen: 19.255 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014824.D

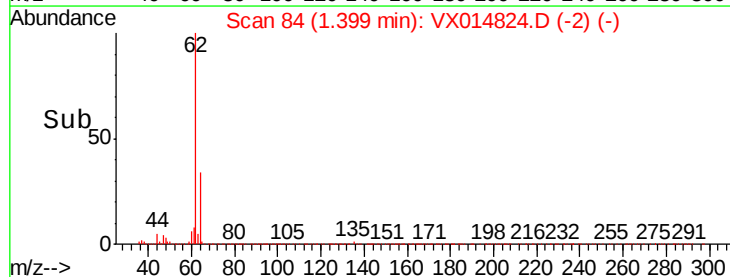
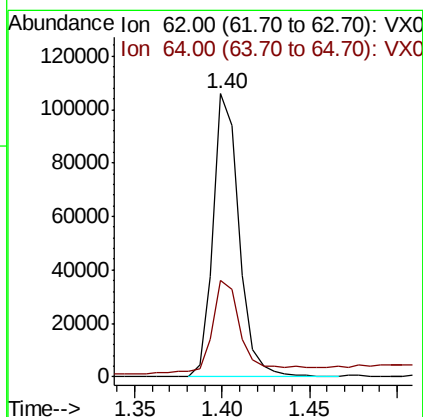
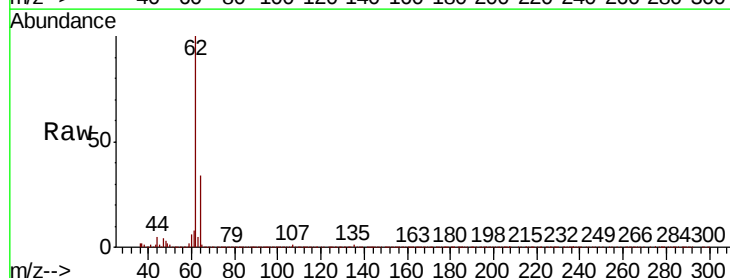
Acq: 05 Feb 2020 15:54

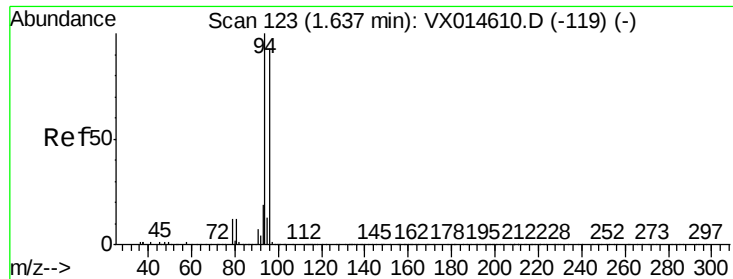
Tgt Ion: 62 Resp: 109278

Ion Ratio Lower Upper

62 100

64 32.2 25.2 37.8





#5

Bromomethane

Concen: 17.211 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

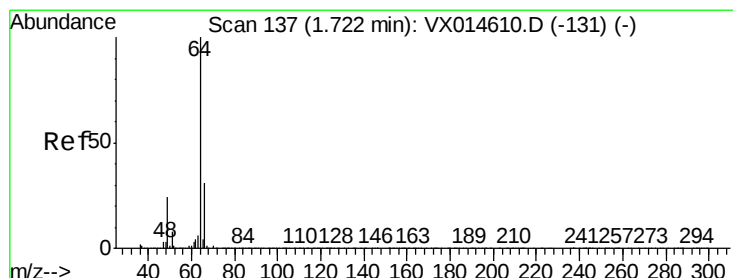
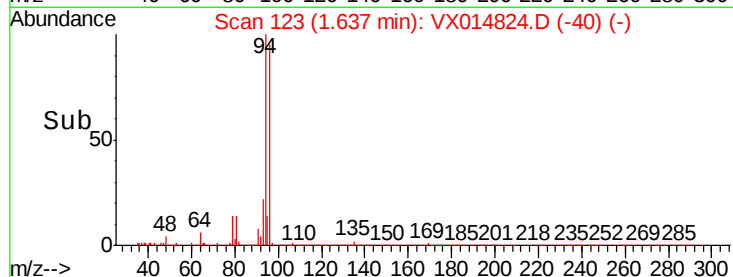
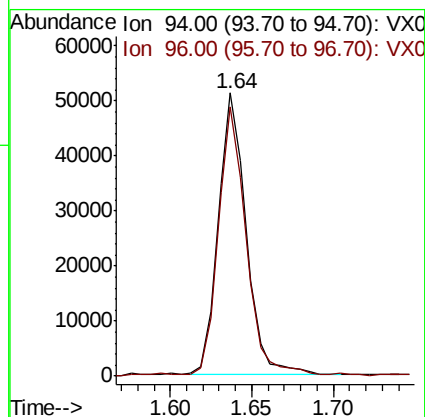
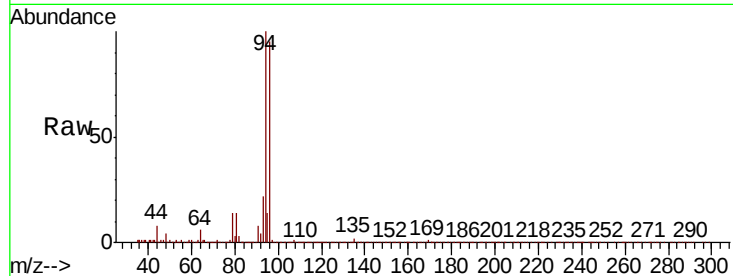
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 60952

Ion Ratio Lower Upper

94 100

96 95.3 74.4 111.6



#6

Chloroethane

Concen: 19.169 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014824.D

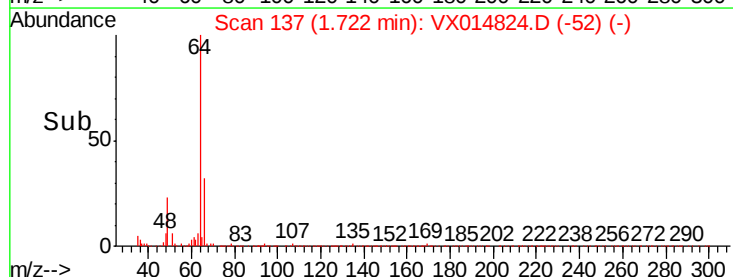
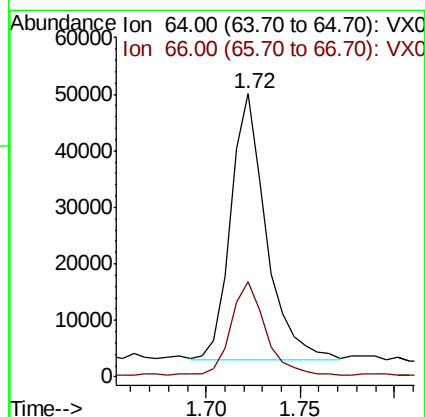
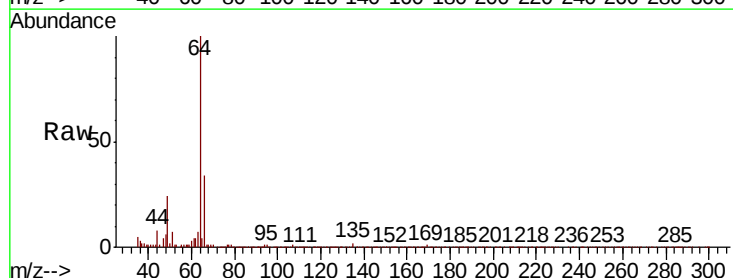
Acq: 05 Feb 2020 15:54

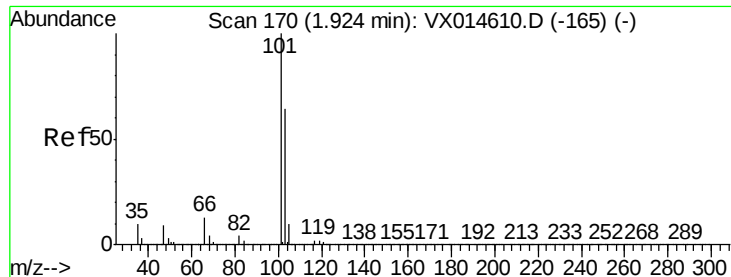
Tgt Ion: 64 Resp: 61325

Ion Ratio Lower Upper

64 100

66 35.3 25.2 37.8



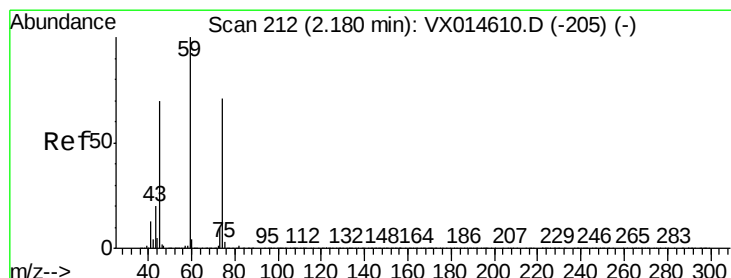
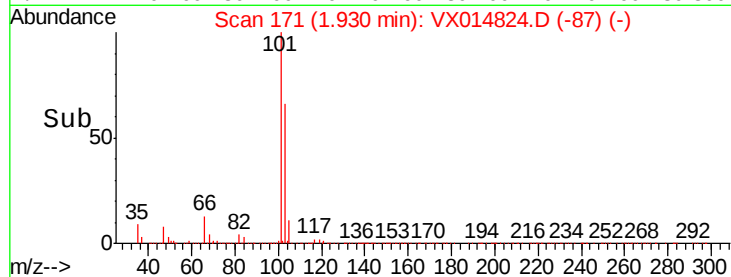
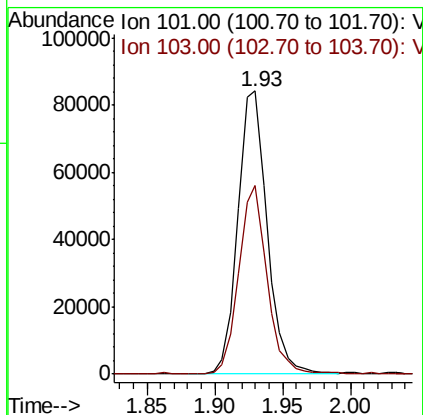
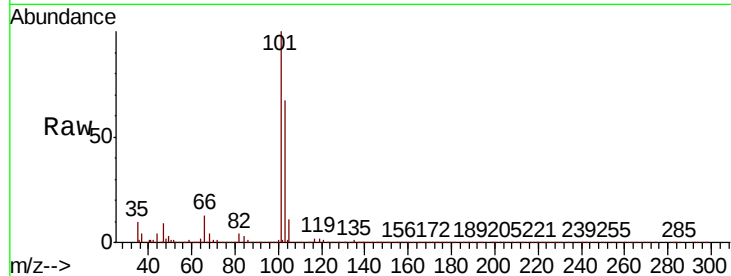


#7

Trichlorofluoromethane
Concen: 20.192 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :

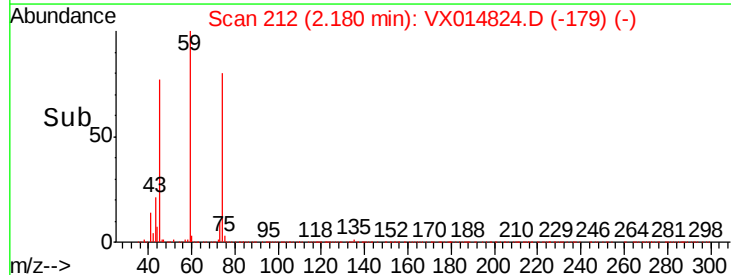
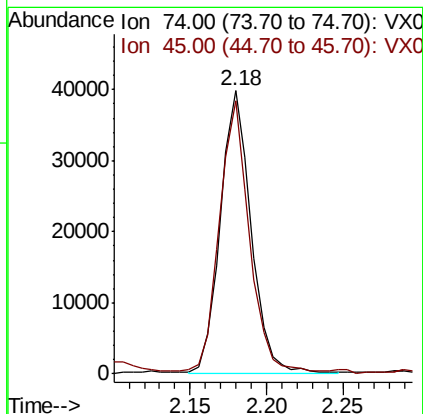
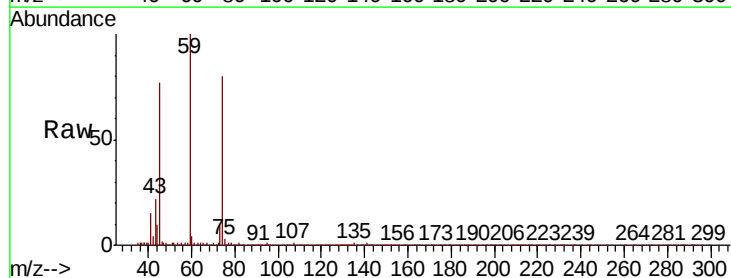
Tot Ion:101 Resp: 126880
Ion Ratio Lower Upper
101 100
103 66.3 51.6 77.4

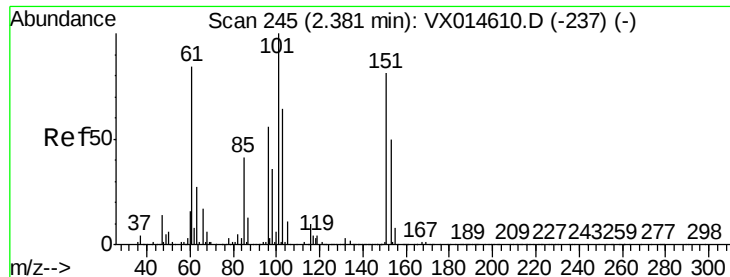


#8

Diethyl Ether
Concen: 20.084 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

Tgt Ion: 74 Resp: 55124
Ion Ratio Lower Upper
74 100
45 93.4 20.6 185.0

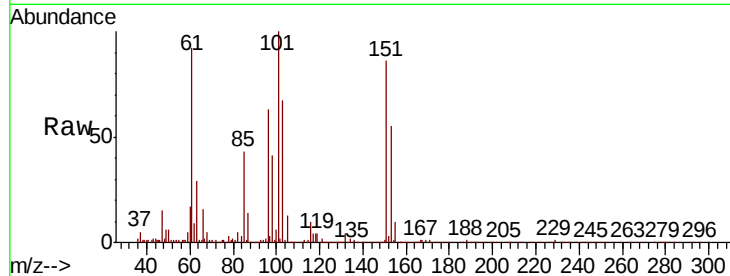




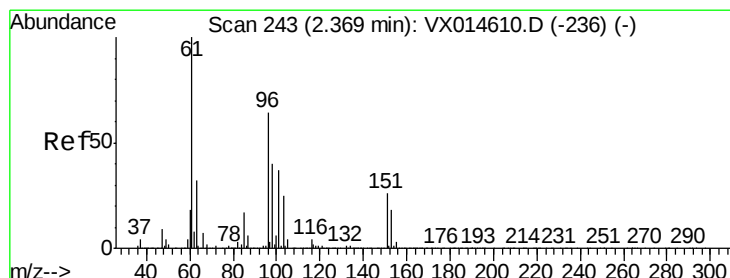
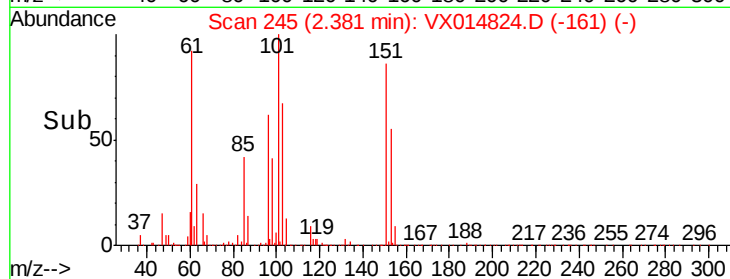
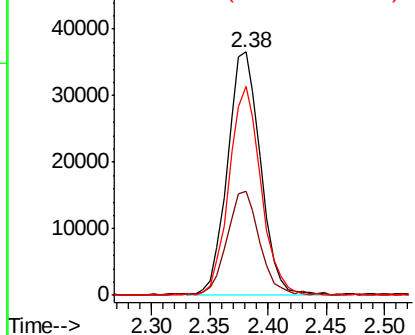
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.527 ug/l
 RT: 2.38 min Scan# 245
 Delta R.T. 0.01 min
 Lab File: VX014824.D
 Acq: 05 Feb 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.0	0.0	85.6
151	83.0	0.0	159.4

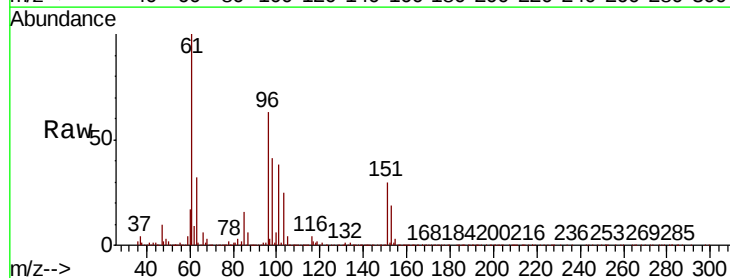


Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 85.00 (84.70 to 85.70): VX0
 Ion 151.00 (150.70 to 151.70): V

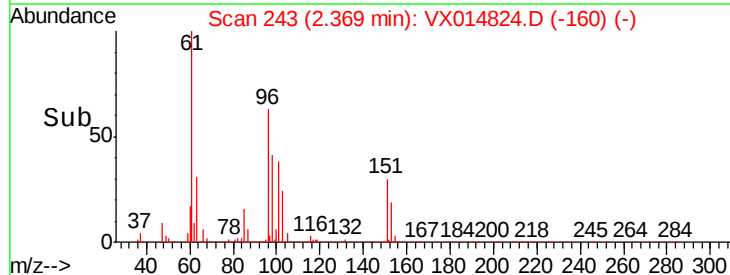
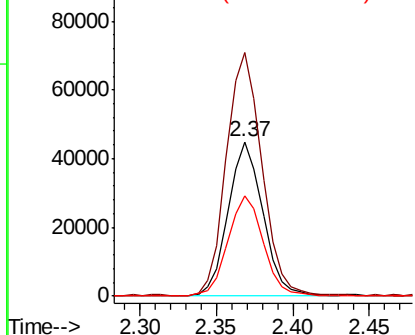


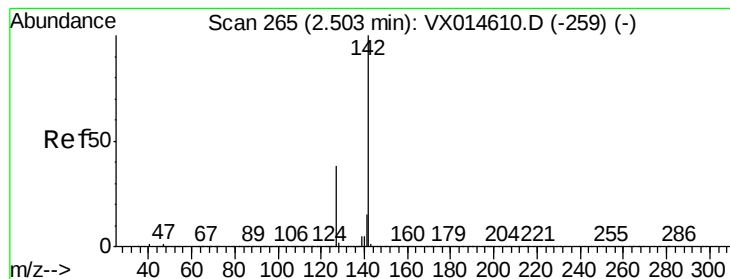
#10
 1,1-Dichloroethene
 Concen: 19.074 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX014824.D
 Acq: 05 Feb 2020 15:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.7	123.0	184.6
98	64.5	51.4	77.0



Abundance Ion 96.00 (95.70 to 96.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 18.470 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

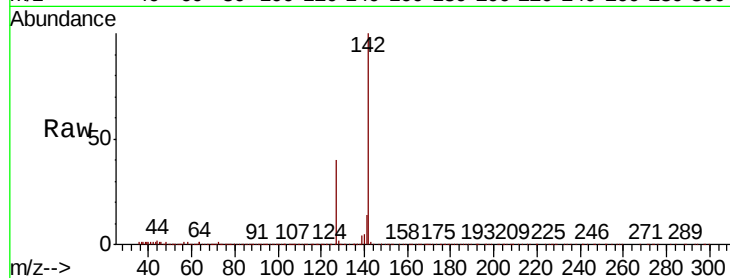
Tot Ion:142 Resp: 91596

Ion Ratio Lower Upper

142 100

127 40.1 19.5 58.5

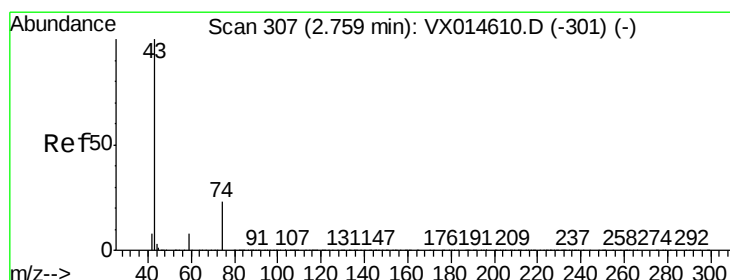
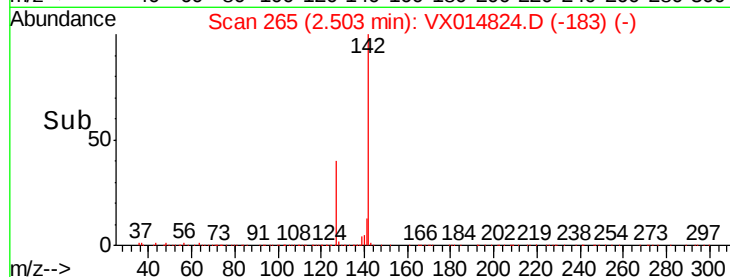
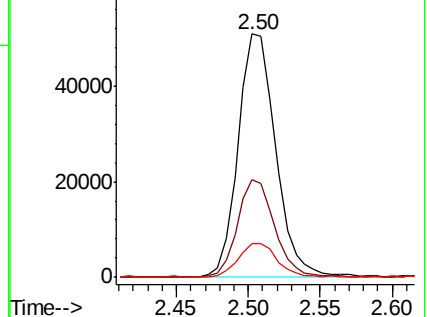
141 13.6 7.0 20.9



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 19.321 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014824.D

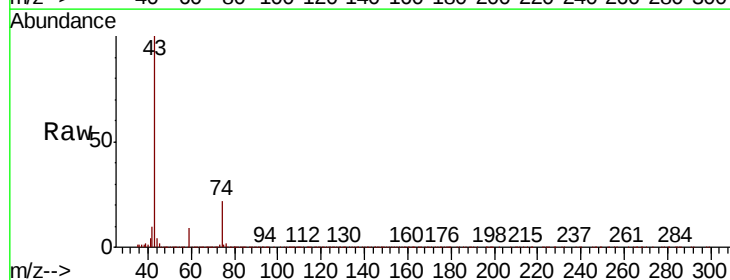
Acq: 05 Feb 2020 15:54

Tgt Ion: 43 Resp: 129065

Ion Ratio Lower Upper

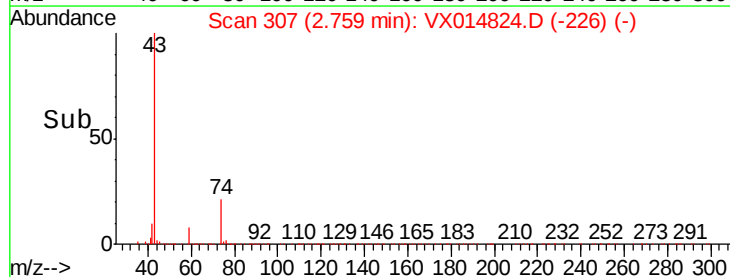
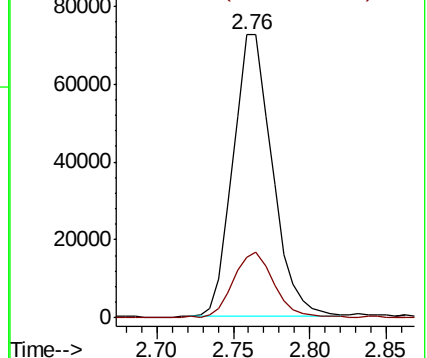
43 100

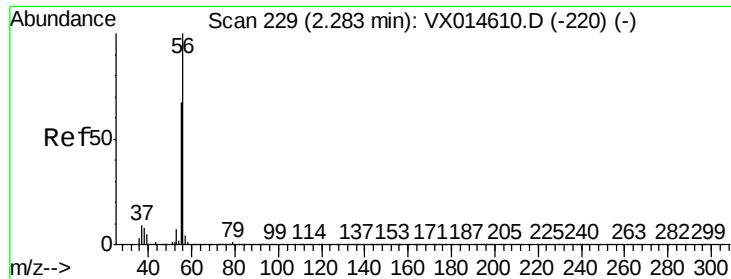
74 21.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

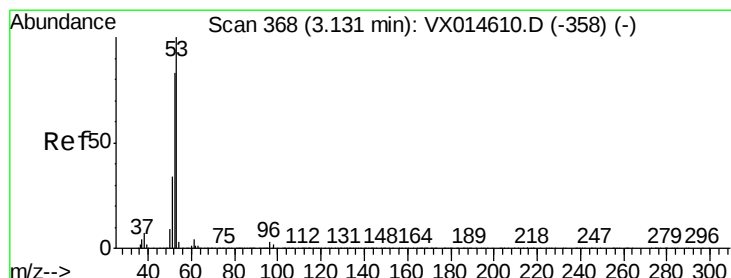
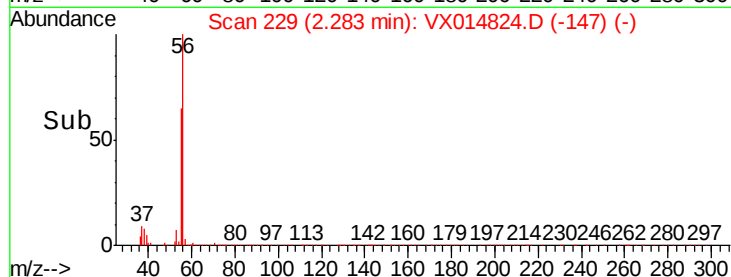
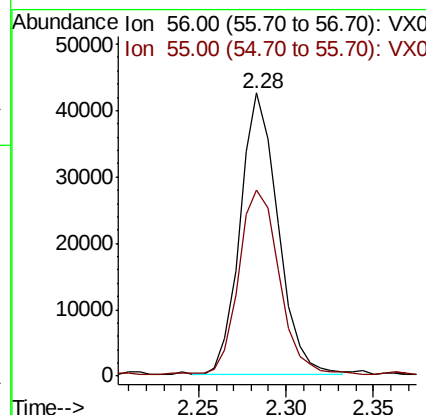
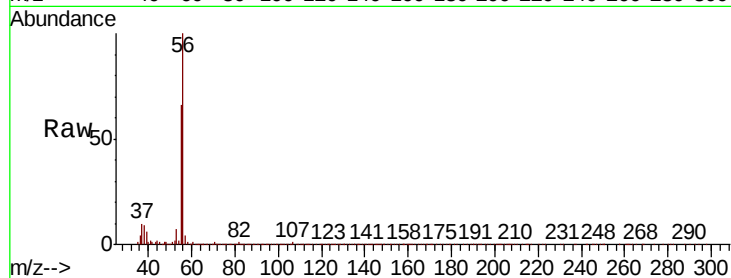




#13
Acrolein
Concen: 91.282 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

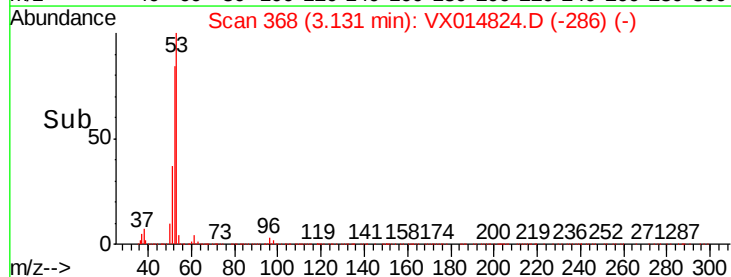
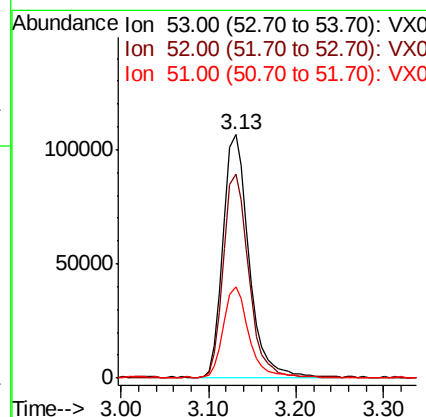
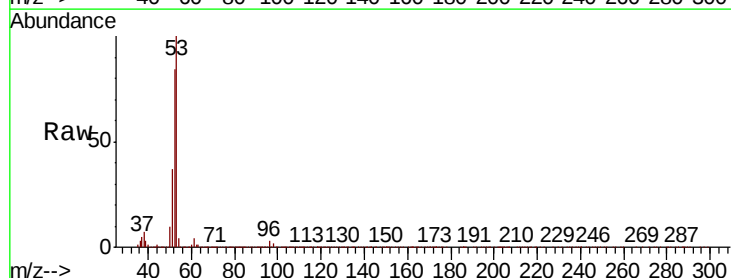
Instrument :
MSVOA_X
ClientSampleId :

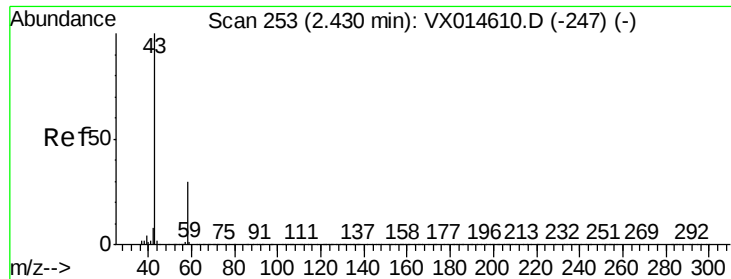
Tot Ion: 56 Resp: 64050
Ion Ratio Lower Upper
56 100
55 69.4 54.9 82.3



#14
Acrylonitrile
Concen: 95.539 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

Tgt Ion: 53 Resp: 218379
Ion Ratio Lower Upper
53 100
52 82.4 41.5 124.6
51 36.8 17.8 53.5

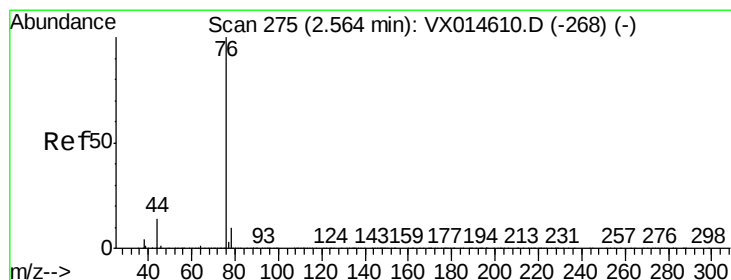
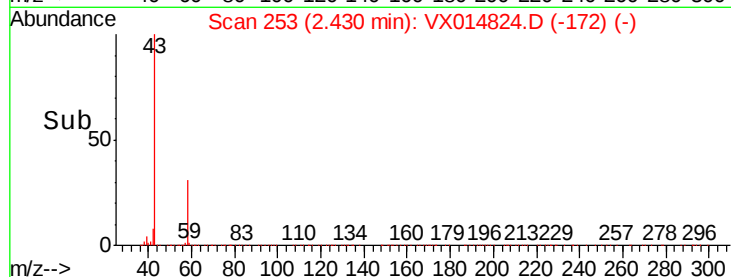
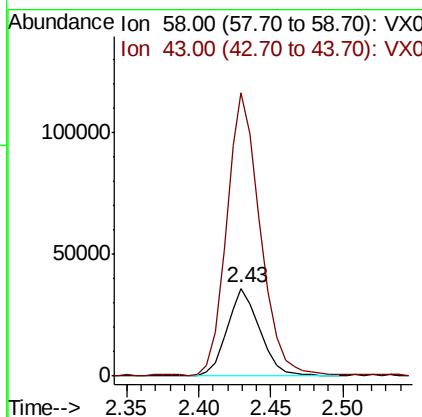
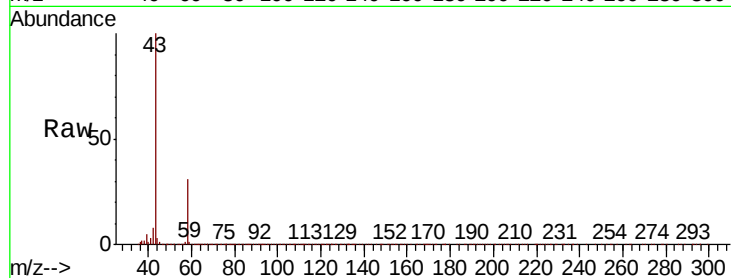




#15
Acetone
Concen: 74.367 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

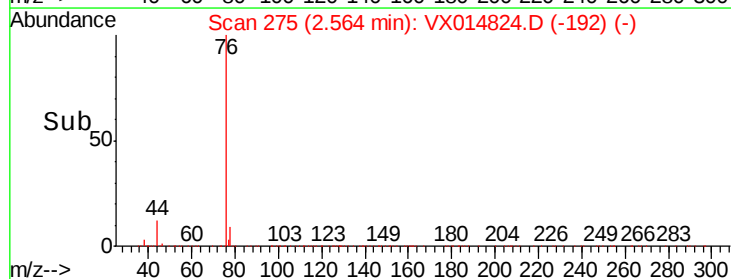
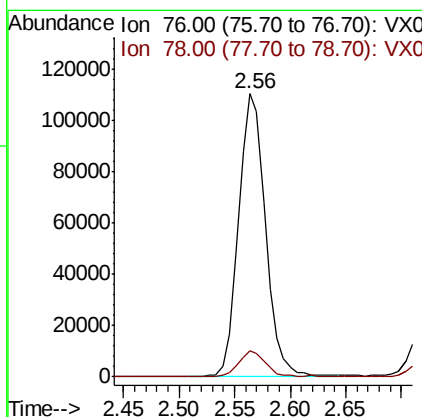
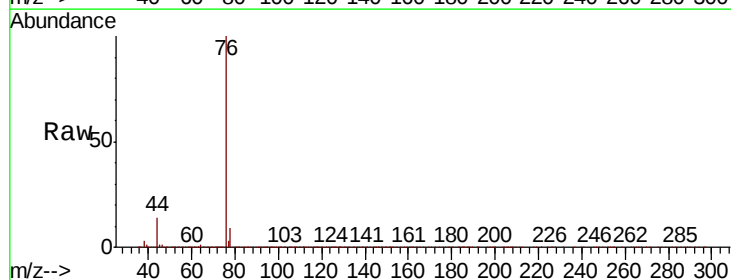
Instrument :
MSVOA_X
ClientSampleId :

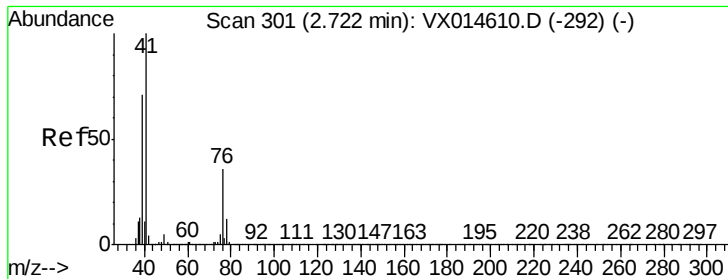
Tot Ion: 58 Resp: 56987
Ion Ratio Lower Upper
58 100
43 322.8 236.3 354.5



#16
Carbon Disulfide
Concen: 18.156 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

Tgt Ion: 76 Resp: 184397
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8

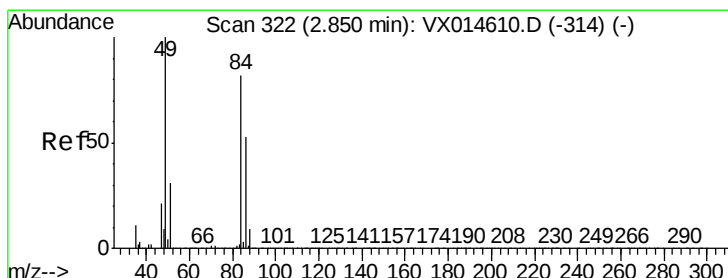
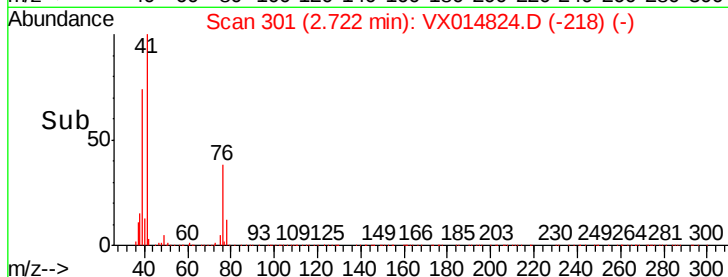
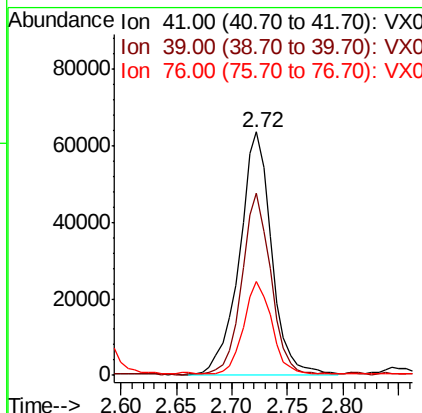
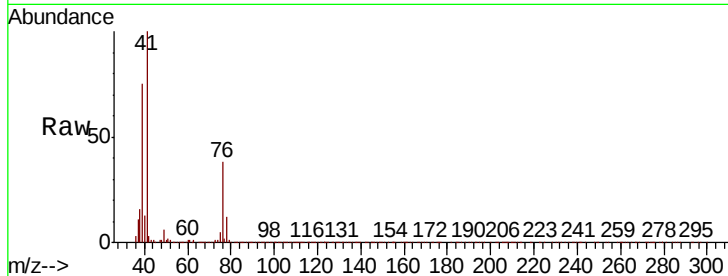




#17
Allvl chloride
Concen: 18.601 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

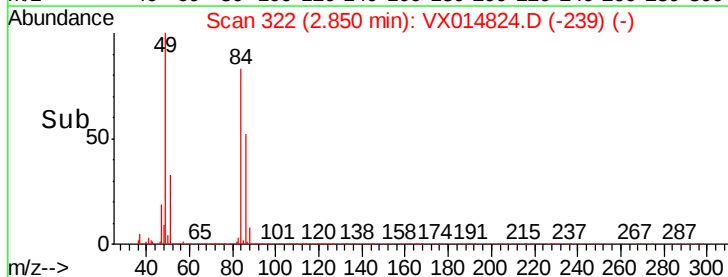
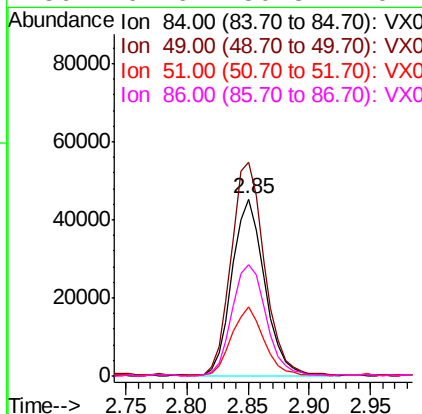
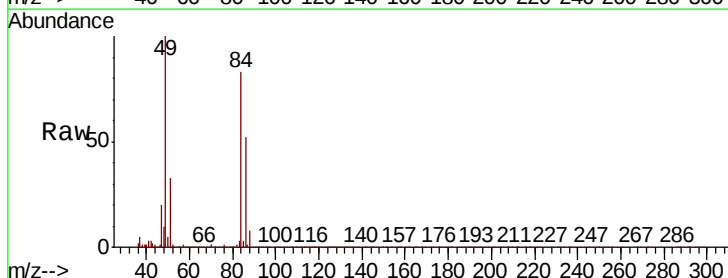
Instrument :
MSVOA_X
ClientSampleId :

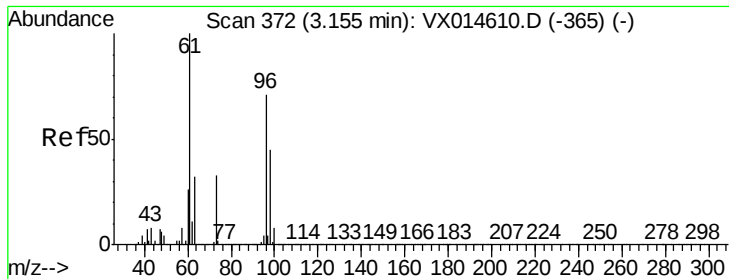
Tot Ion	Ratio	Lower	Upper
41	100		
39	74.8	33.4	100.2
76	38.1	17.0	50.9



#18
Methylene Chloride
Concen: 19.198 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.5	102.2	153.2
51	38.8	31.4	47.0
86	62.6	50.8	76.2

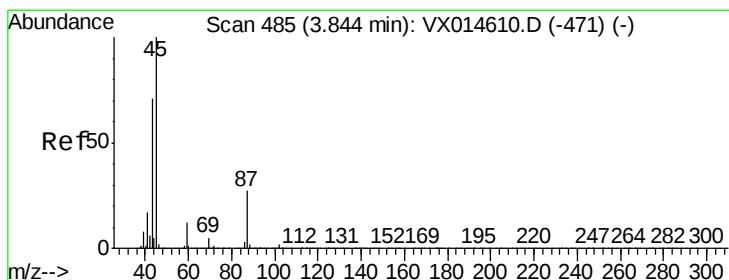
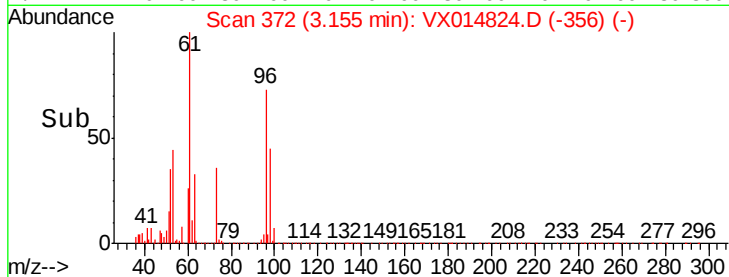
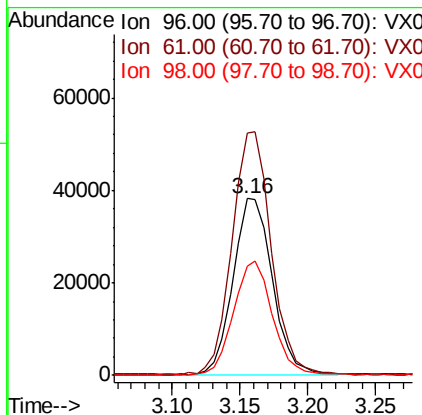
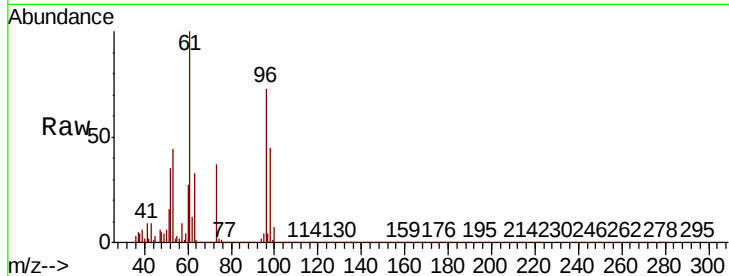




#19
trans-1,2-Dichloroethene
Concen: 19.286 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

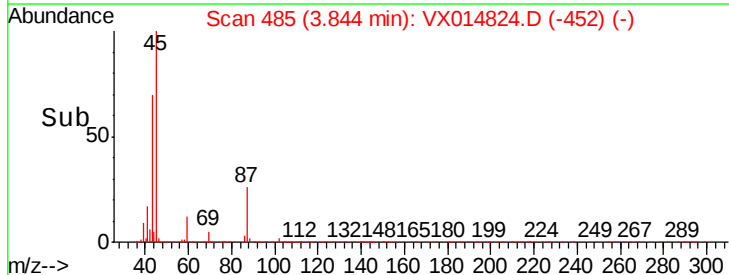
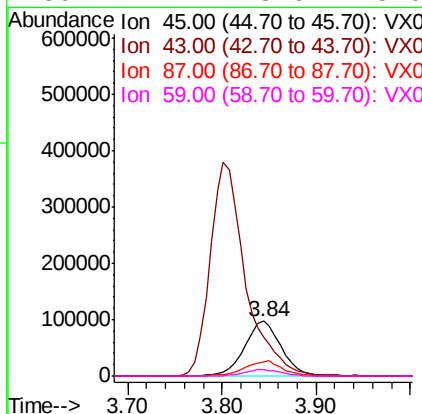
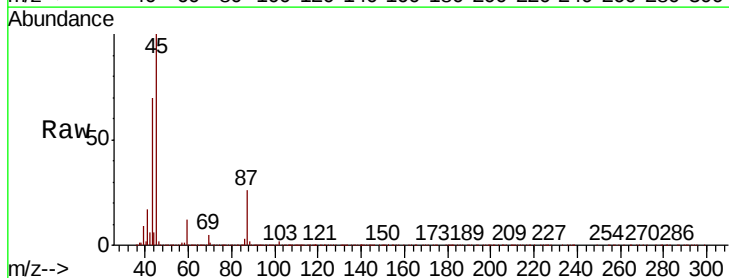
Instrument :
MSVOA_X
ClientSampleId :

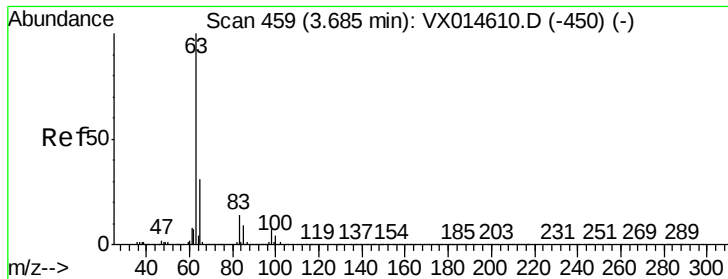
Tot Ion: 96 Resp: 76773
Ion Ratio Lower Upper
96 100
61 137.2 106.6 159.8
98 61.7 51.6 77.4



#20
Diisopropyl ether
Concen: 19.463 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

Tgt Ion: 45 Resp: 263533
Ion Ratio Lower Upper
45 100
43 69.0 55.9 83.9
87 25.7 22.2 33.2
59 12.1 8.6 13.0





#21

1,1-Dichloroethane

Concen: 19.642 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

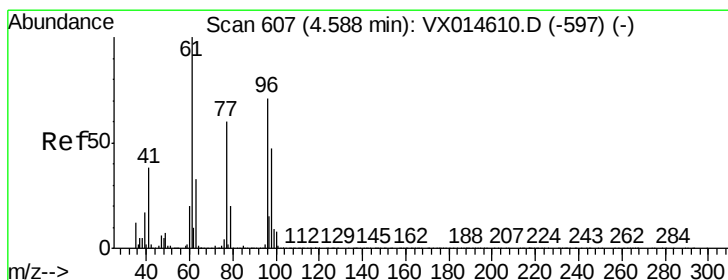
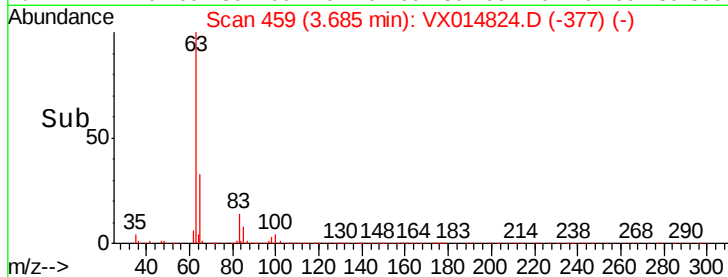
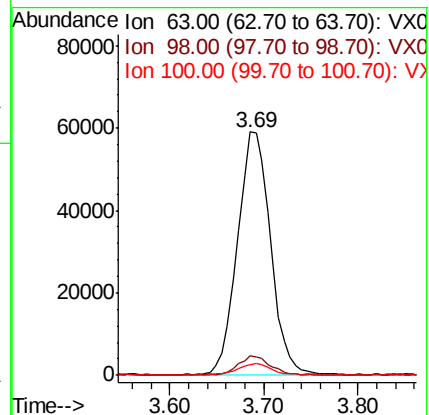
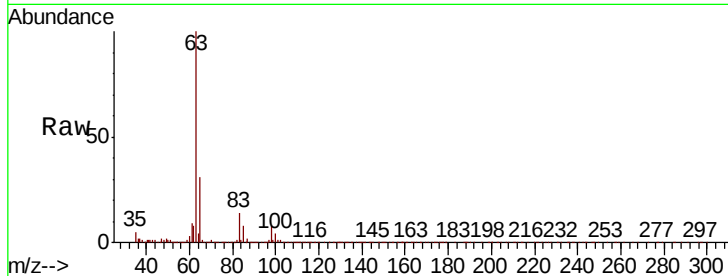
Tot Ion: 63 Resp: 144486

Ion Ratio Lower Upper

63 100

98 8.1 3.4 10.1

100 4.3 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 19.580 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

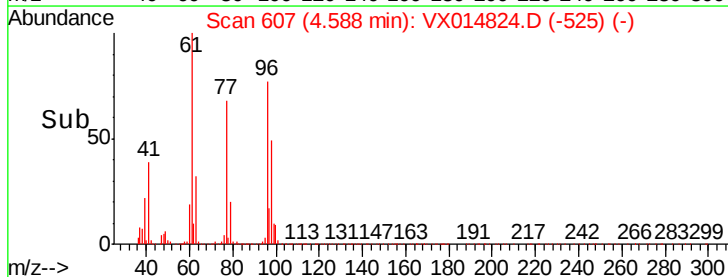
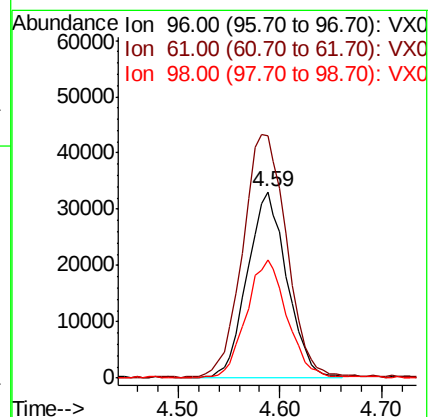
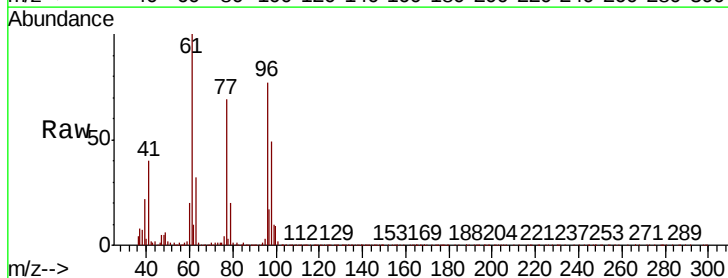
Tgt Ion: 96 Resp: 89569

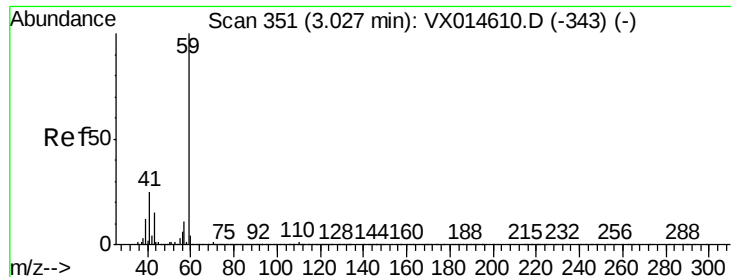
Ion Ratio Lower Upper

96 100

61 144.1 112.4 168.6

98 64.8 50.3 75.5





#23

tert-Butyl Alcohol

Concen: 90.444 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.02 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

Instrument :

MSVOA_X

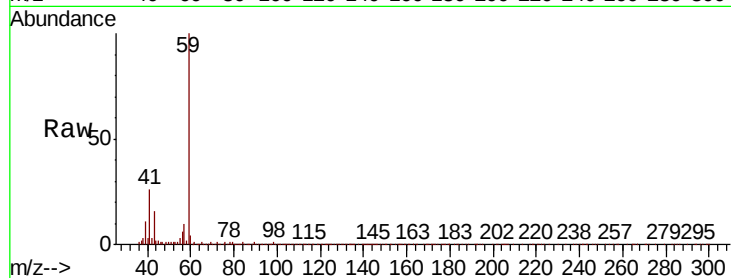
ClientSampleId :

Tot Ion: 59 Resp: 85497

Ion Ratio Lower Upper

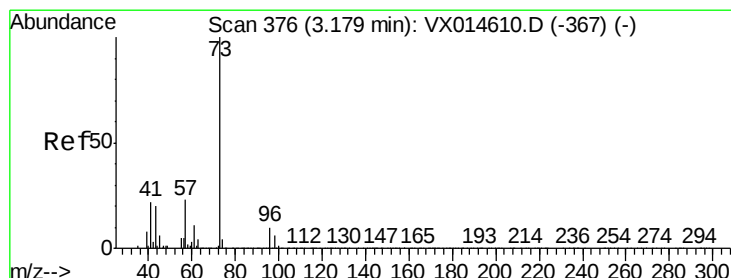
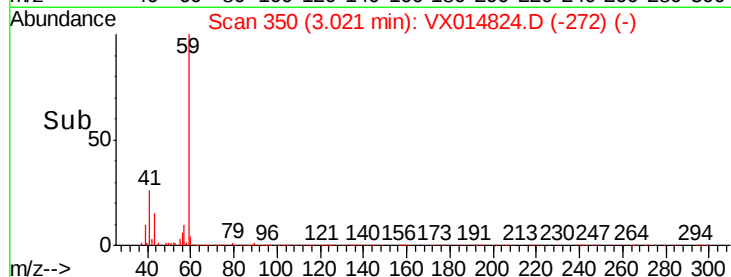
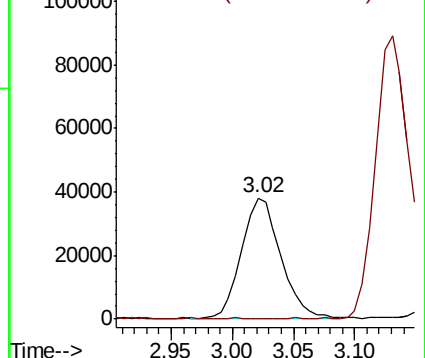
59 100

52 0.2 0.2 0.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 19.925 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX014824.D

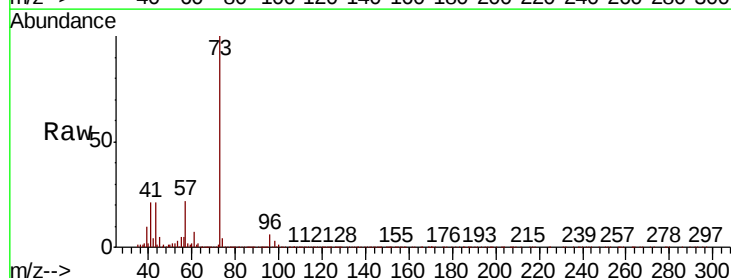
Acq: 05 Feb 2020 15:54

Tgt Ion: 73 Resp: 245212

Ion Ratio Lower Upper

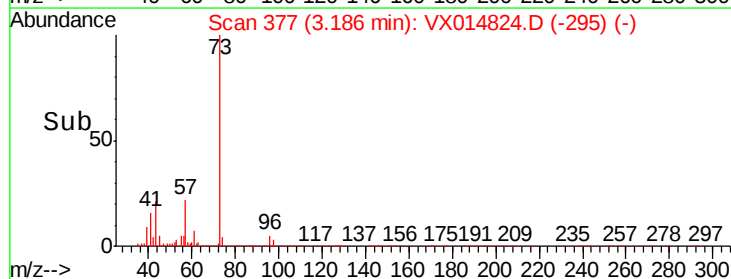
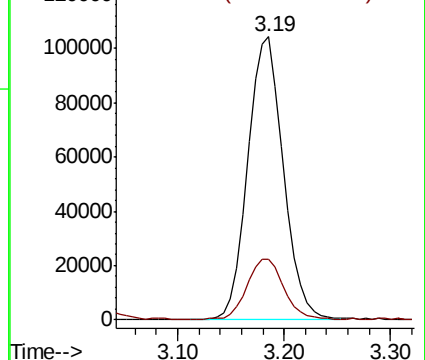
73 100

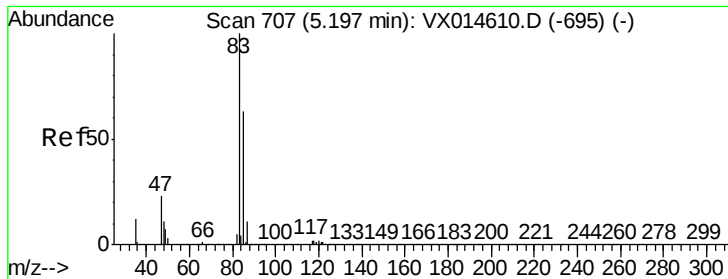
43 21.9 16.6 25.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

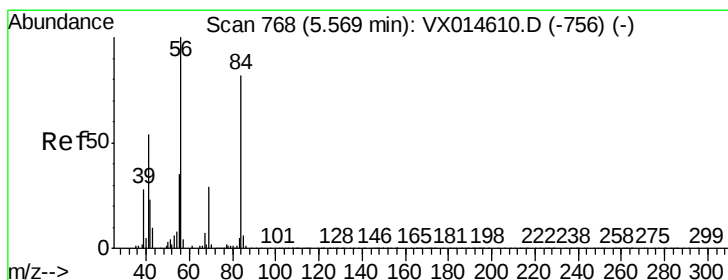
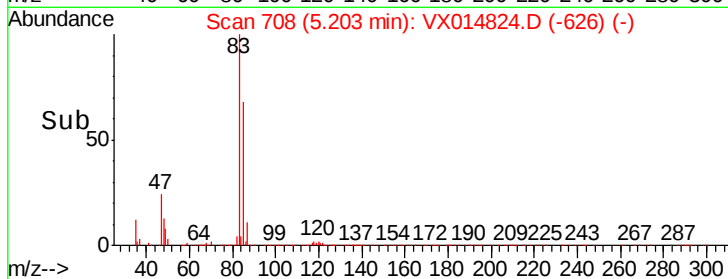
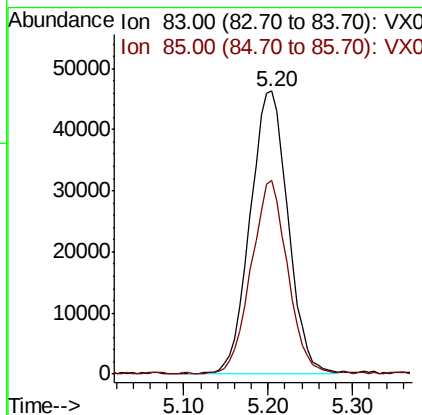
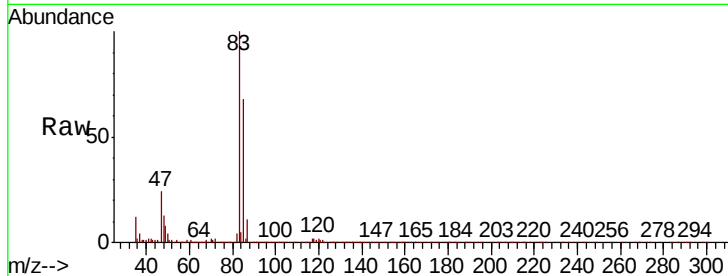




#25
Chloroform
Concen: 19.980 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

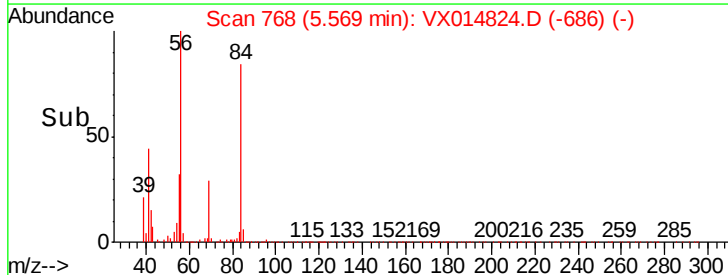
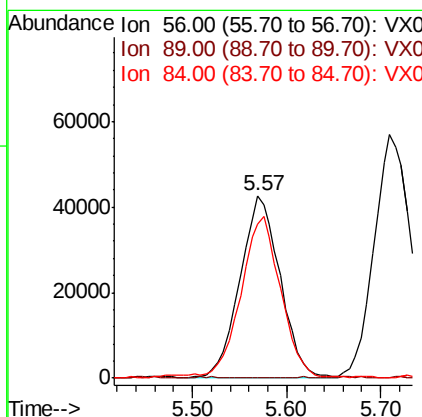
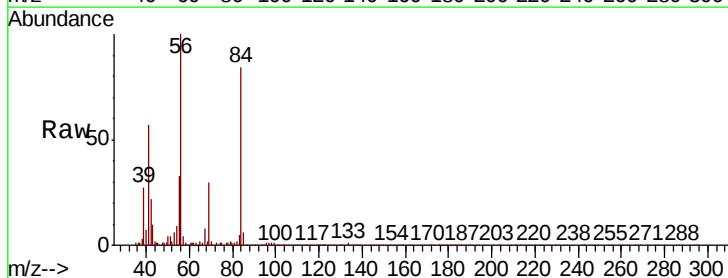
Instrument :
MSVOA_X
ClientSampleId :

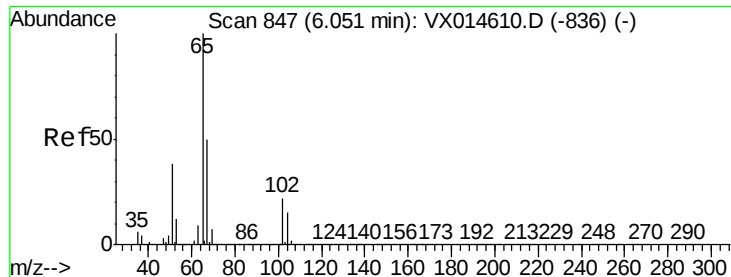
Tot Ion: 83 Resp: 142373
Ion Ratio Lower Upper
83 100
85 67.9 52.7 79.1



#26
Cyclohexane
Concen: 18.593 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

Tgt Ion: 56 Resp: 126157
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1
84 87.8 70.8 106.2

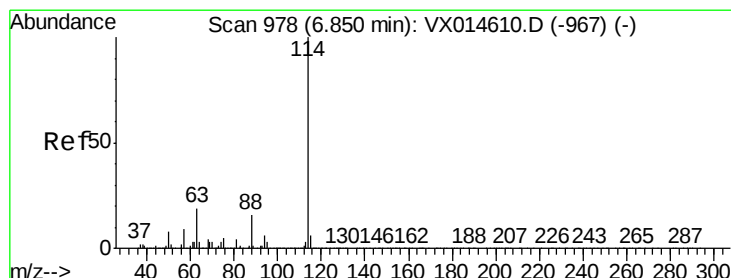
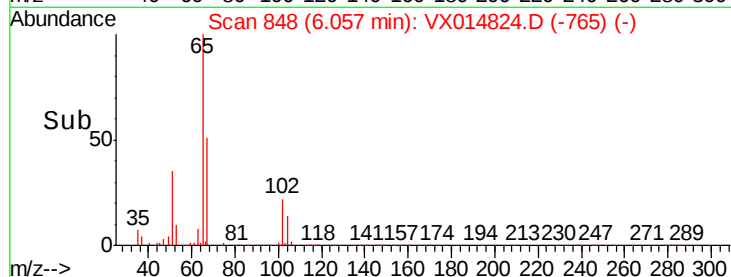
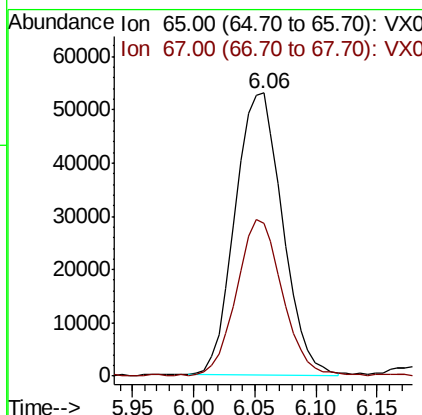
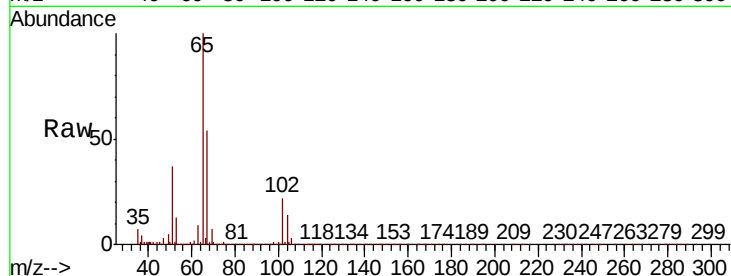




#27
 1,2-Dichloroethane-d4
 Concen: 30.345 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014824.D
 Acq: 05 Feb 2020 15:54

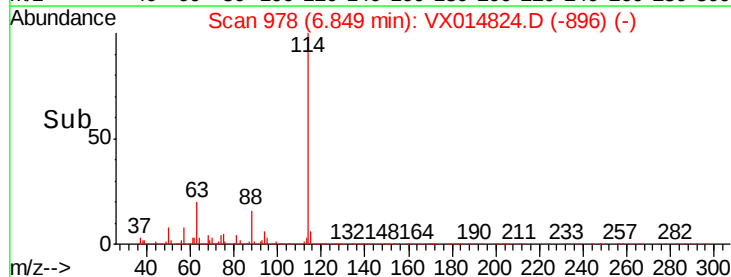
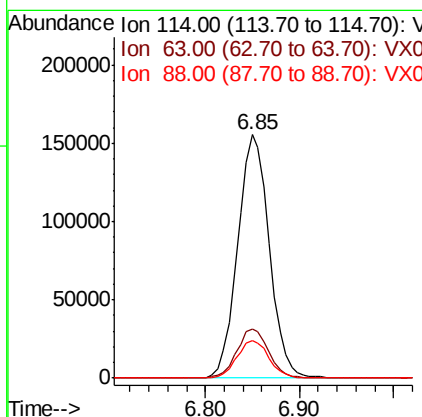
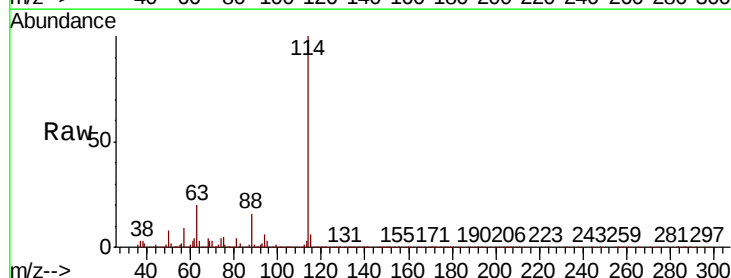
Instrument :
 MSVOA_X
 ClientSampleId :

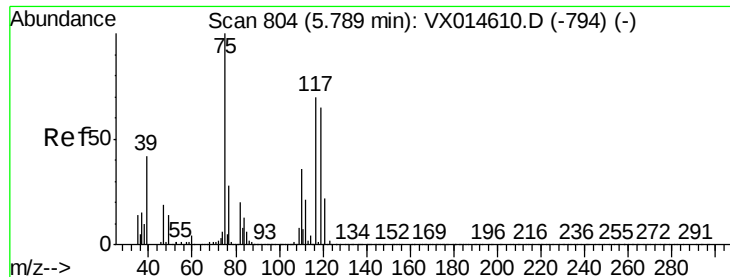
Tot Ion: 65 Resp: 142479
 Ion Ratio Lower Upper
 65 100
 67 53.4 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014824.D
 Acq: 05 Feb 2020 15:54

Tgt Ion: 114 Resp: 363894
 Ion Ratio Lower Upper
 114 100
 63 20.1 16.1 24.1
 88 15.5 12.5 18.7





#29

1,1-Dichloropropene

Concen: 19.428 ug/l

RT: 5.79 min Scan# 805

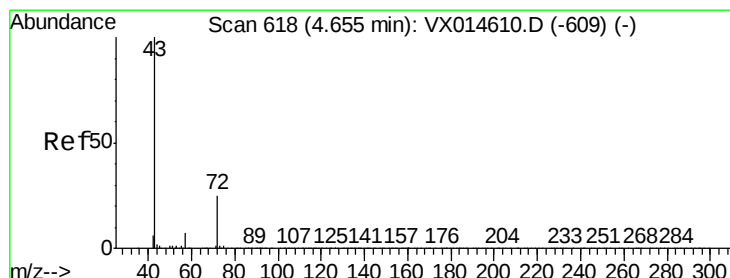
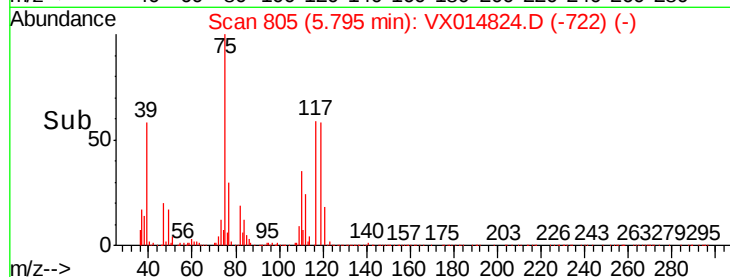
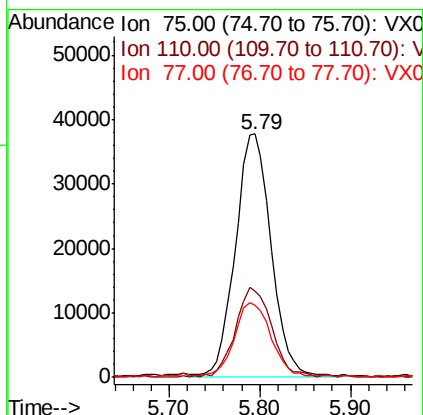
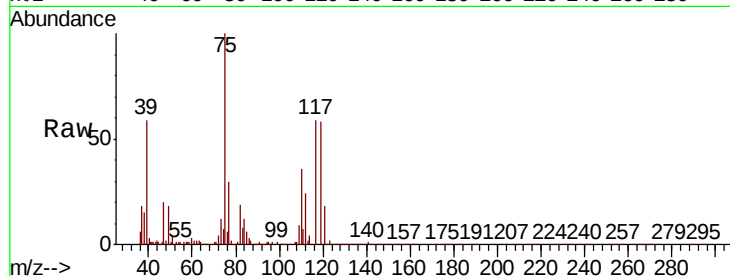
Delta R.T. 0.01 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	75	Resp:	103685
Ion	Ratio	Lower	Upper
75	100		
110	37.3	0.0	73.8
77	30.3	0.0	62.4



#30

2-Butanone

Concen: 87.268 ug/l

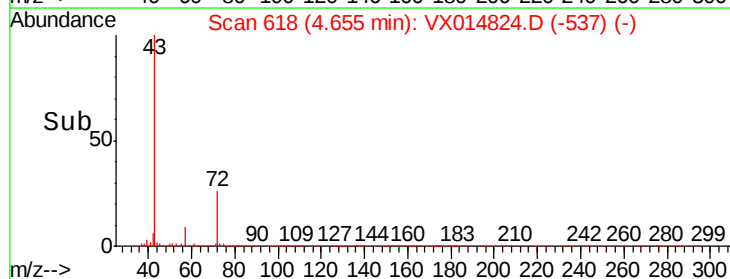
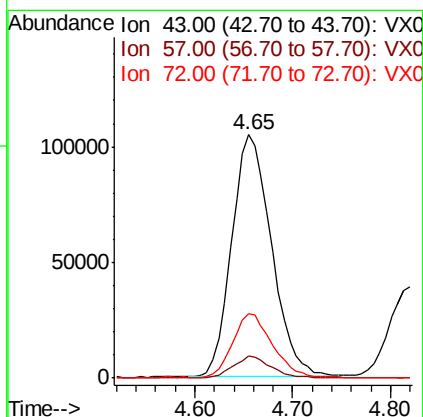
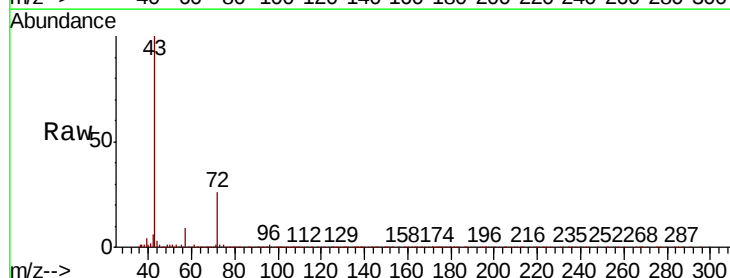
RT: 4.65 min Scan# 618

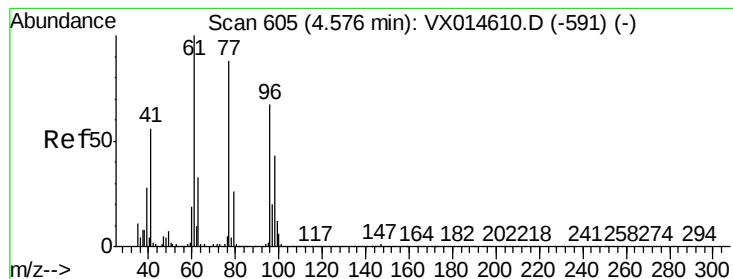
Delta R.T. -0.01 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

Tgt Ion:	43	Resp:	295023
Ion	Ratio	Lower	Upper
43	100		
57	8.8	6.2	9.2
72	25.5	20.3	30.5





#31

2,2-Dichloropropane

Concen: 19.252 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

Instrument :

MSVOA_X

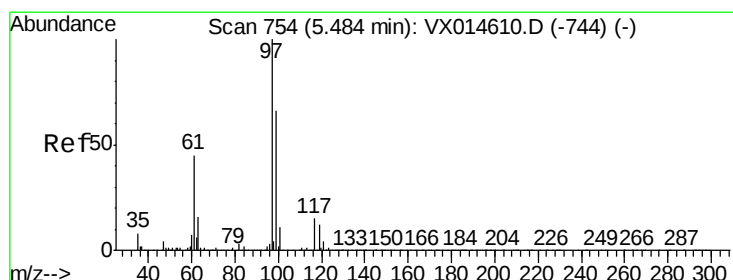
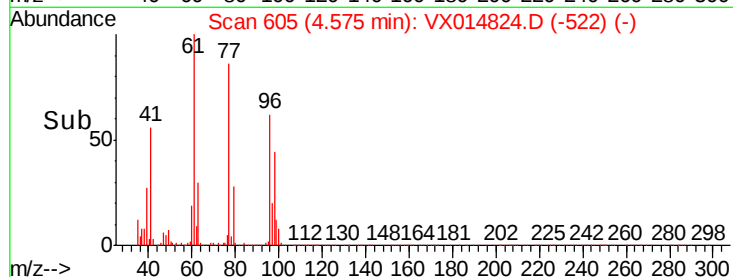
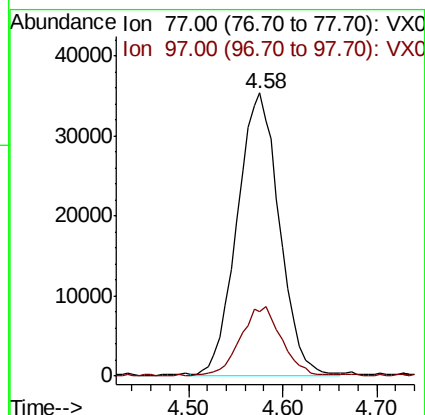
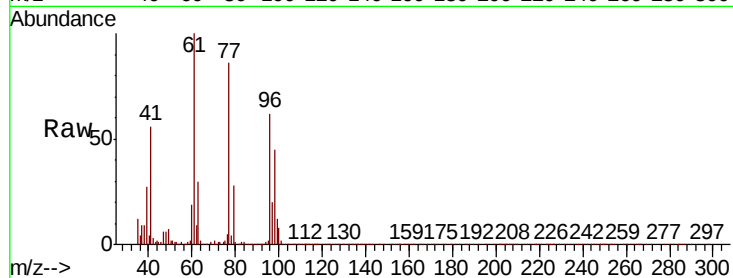
ClientSampleId :

Tot Ion: 77 Resp: 109936

Ion Ratio Lower Upper

77 100

97 23.6 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 19.987 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

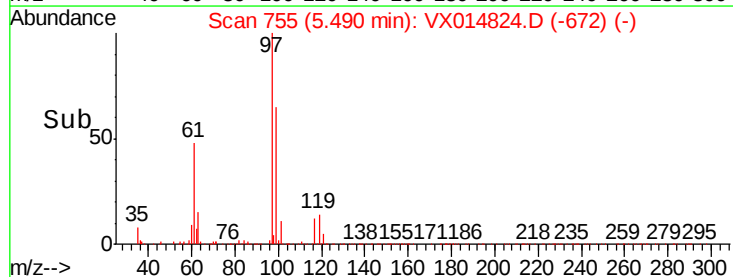
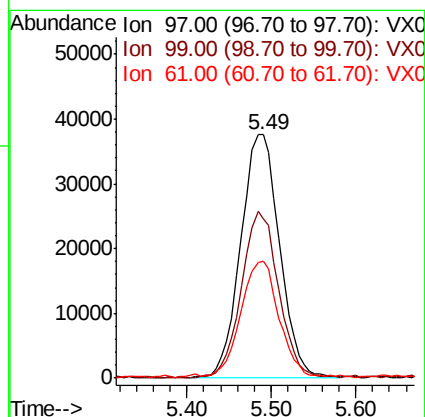
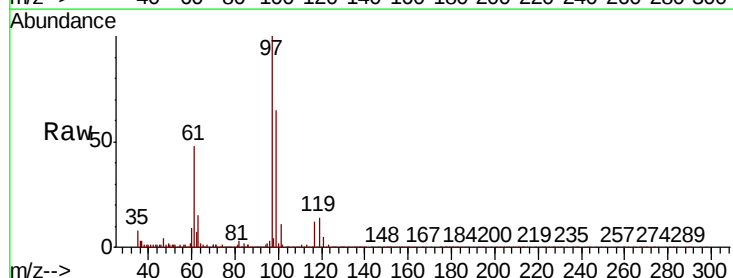
Tgt Ion: 97 Resp: 118007

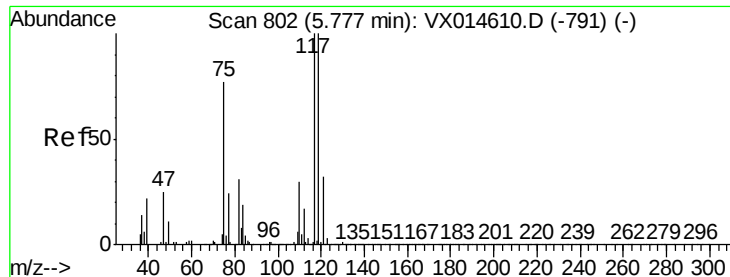
Ion Ratio Lower Upper

97 100

99 64.4 51.9 77.9

61 45.6 36.8 55.2

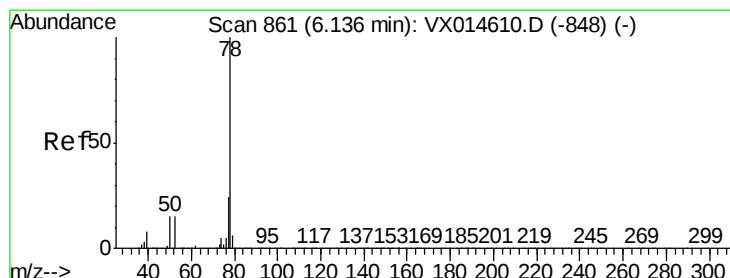
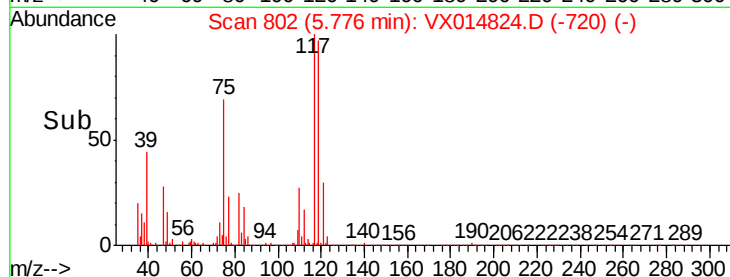
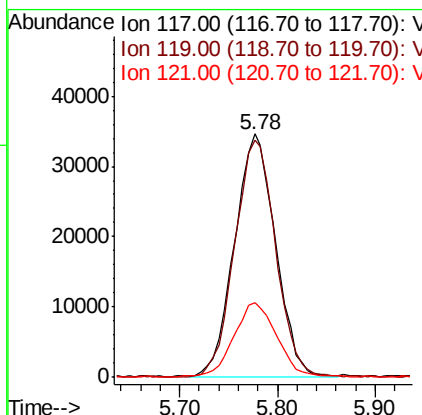
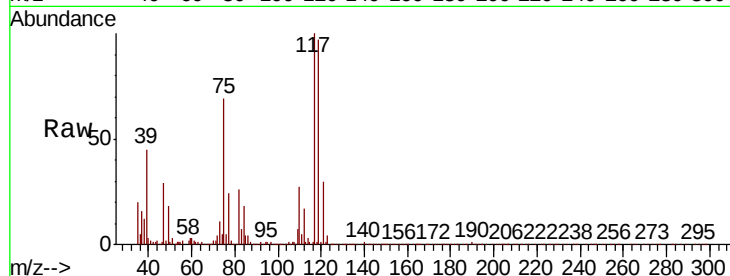




#33
Carbon Tetrachloride
Concen: 19.721 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

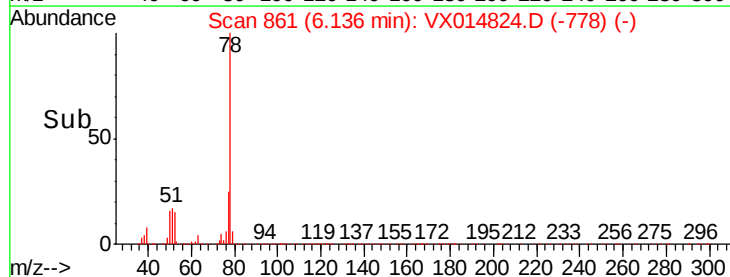
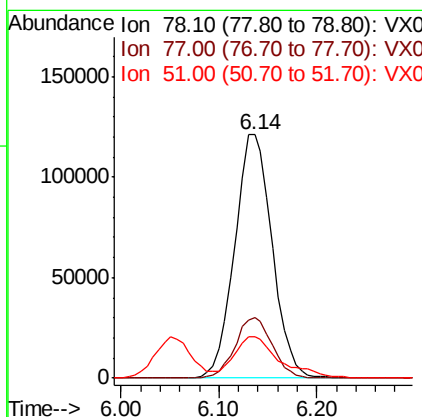
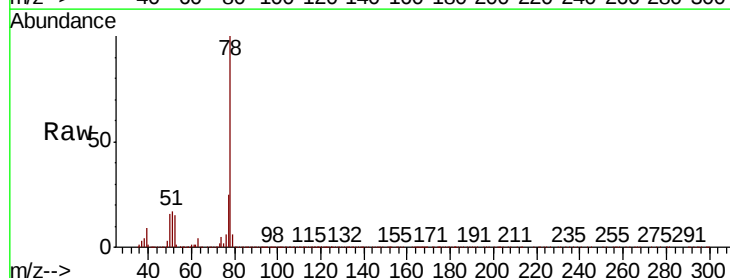
Instrument :
MSVOA_X
ClientSampleId :

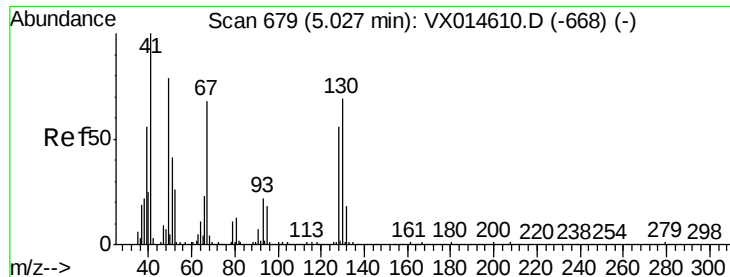
Tot Ion:117 Resp: 99961
Ion Ratio Lower Upper
117 100
119 97.4 77.2 115.8
121 30.1 24.8 37.2



#34
Benzene
Concen: 19.433 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

Tgt Ion: 78 Resp: 320474
Ion Ratio Lower Upper
78 100
77 24.6 18.2 27.2
51 16.5 12.4 18.6

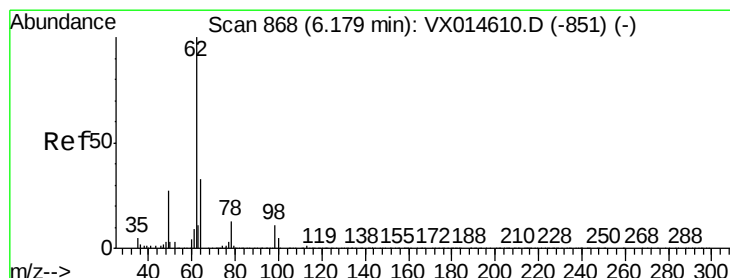
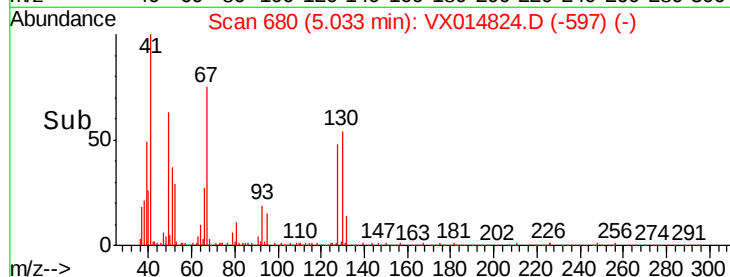
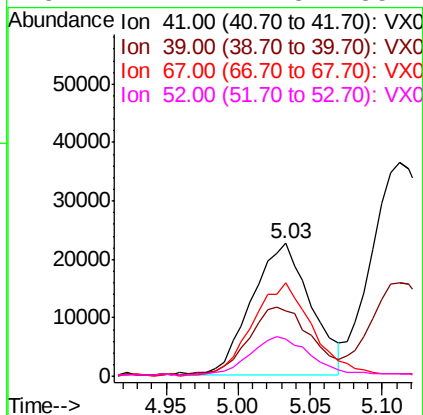
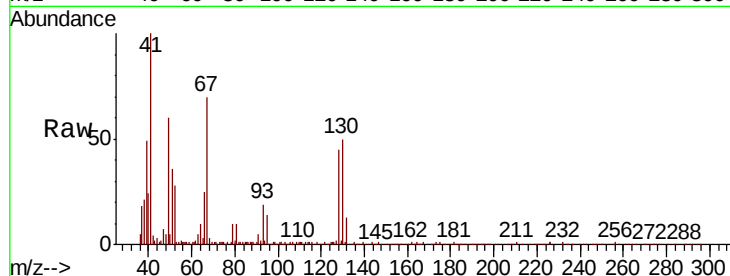




#35
Methacrylonitrile
Concen: 18.915 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

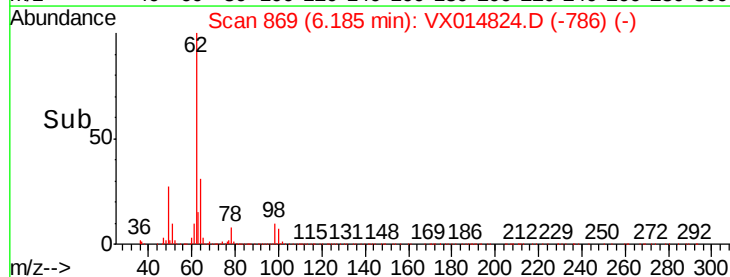
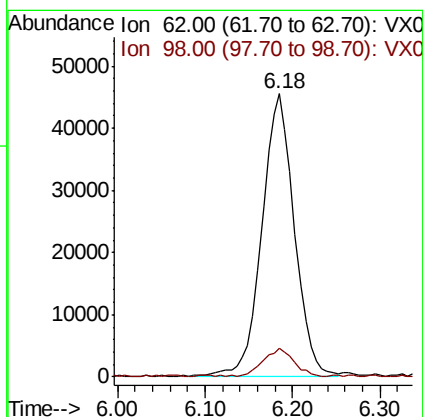
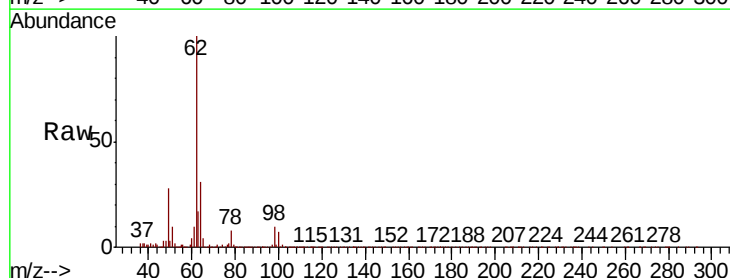
Instrument :
MSVOA_X
ClientSampled :

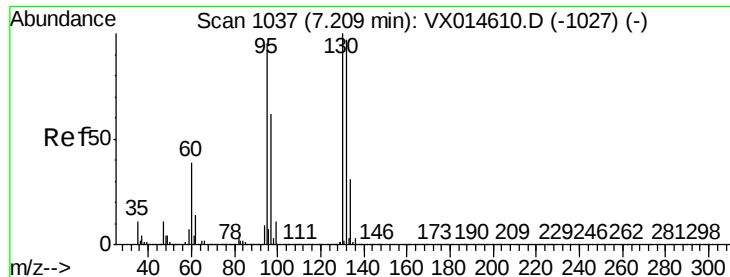
Tot Ion:	41	Resp:	63864
Ion	Ratio	Lower	Upper
41	100		
39	48.5	26.7	80.1
67	69.9	31.5	94.5
52	27.1	12.8	38.4



#36
1,2-Dichloroethane
Concen: 20.655 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

Tgt Ion:	62	Resp:	118541
Ion	Ratio	Lower	Upper
62	100		
98	9.8	8.4	12.6

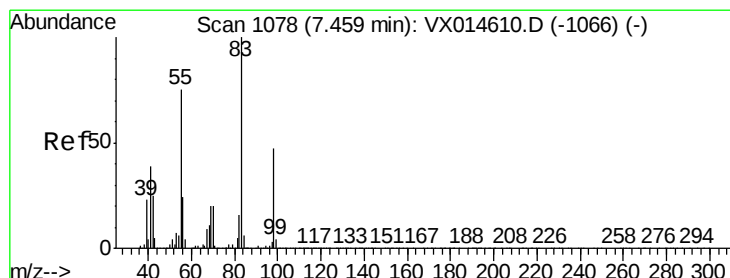
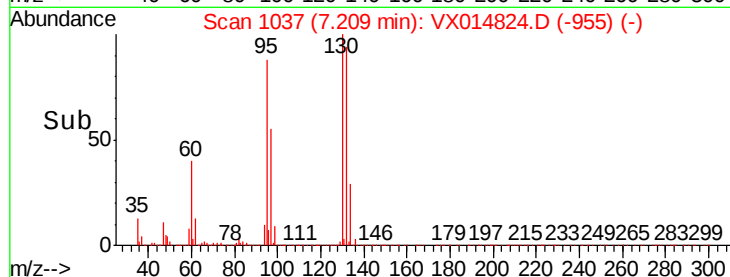
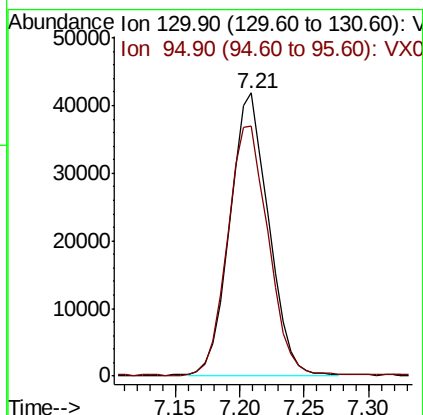
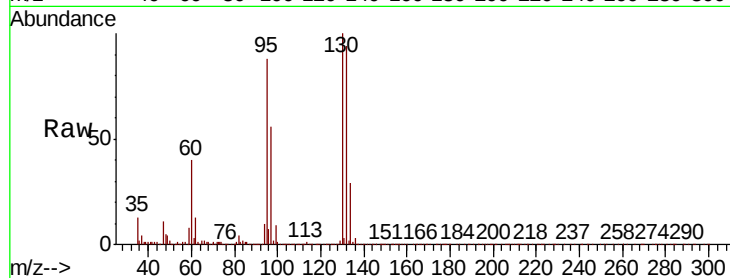




#37
 Trichloroethene
 Concen: 19.345 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014824.D
 Acq: 05 Feb 2020 15:54

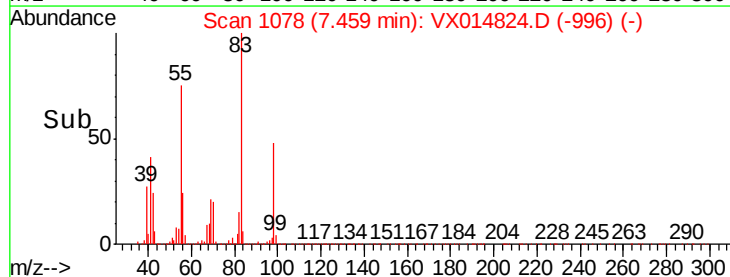
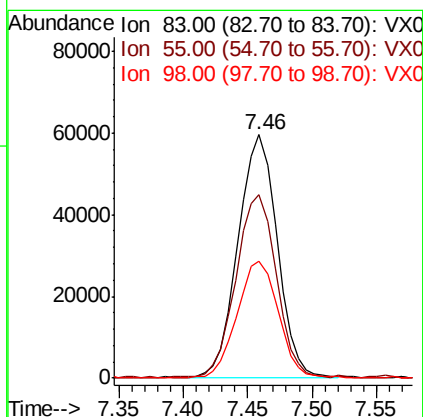
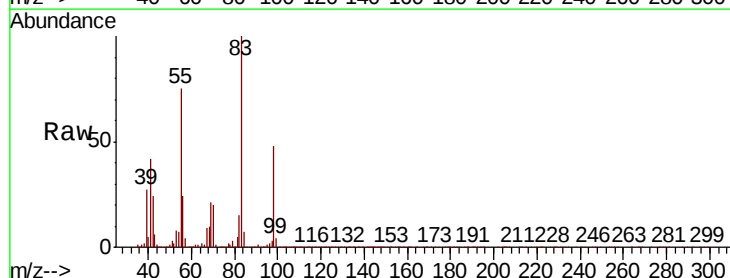
Instrument :
 MSVOA_X
 ClientSampleId :

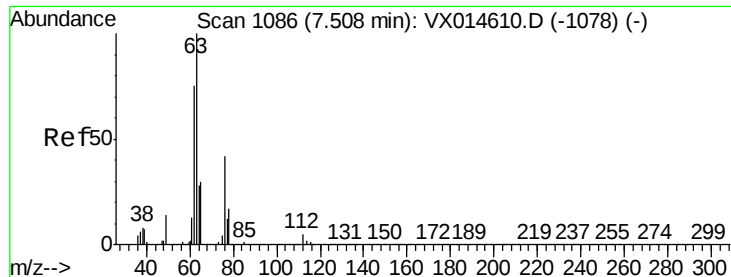
Tot Ion:130 Resp: 87349
 Ion Ratio Lower Upper
 130 100
 95 88.2 71.7 107.5



#38
 Methylcyclohexane
 Concen: 18.876 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VX014824.D
 Acq: 05 Feb 2020 15:54

Tgt Ion: 83 Resp: 125427
 Ion Ratio Lower Upper
 83 100
 55 77.2 39.4 118.1
 98 50.4 25.1 75.3





#39

1,2-Dichloropropane

Concen: 19.306 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

Instrument :

MSVOA_X

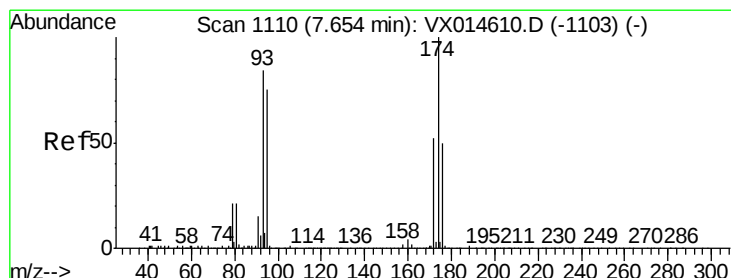
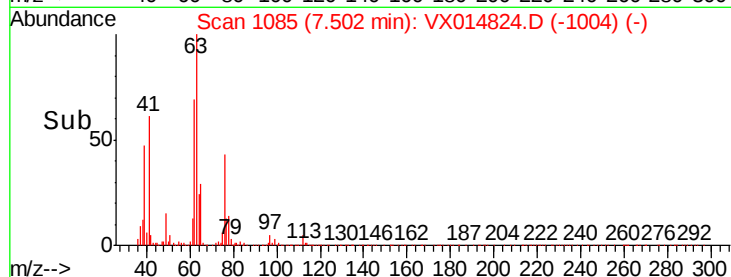
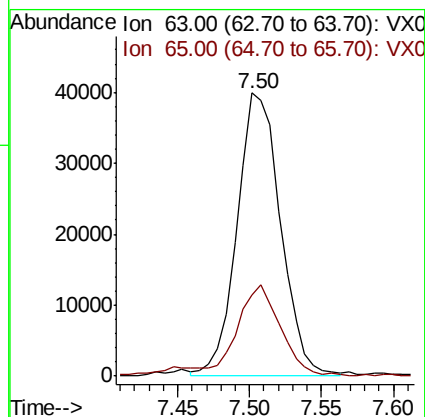
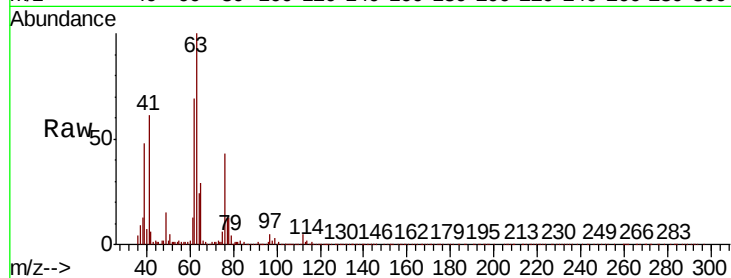
ClientSampleId :

Tot Ion: 63 Resp: 82789

Ion Ratio Lower Upper

63 100

65 28.3 22.1 33.1



#40

Dibromomethane

Concen: 19.894 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

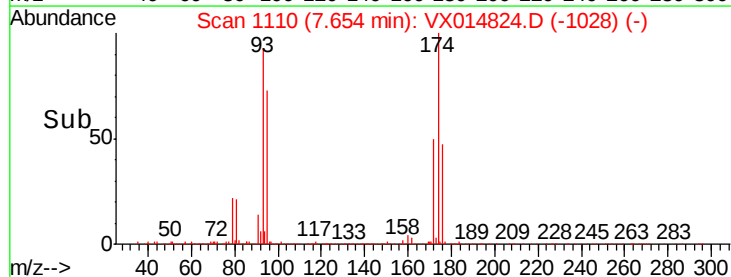
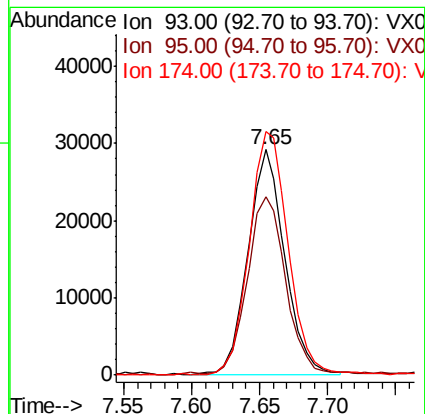
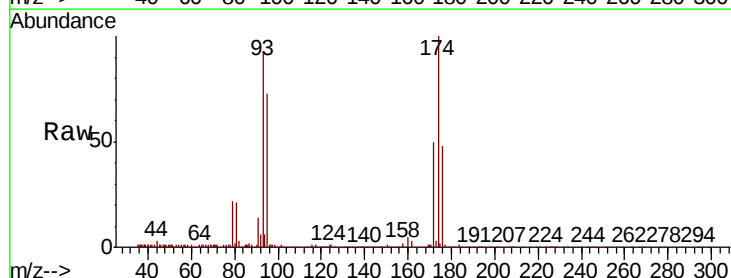
Tgt Ion: 93 Resp: 54827

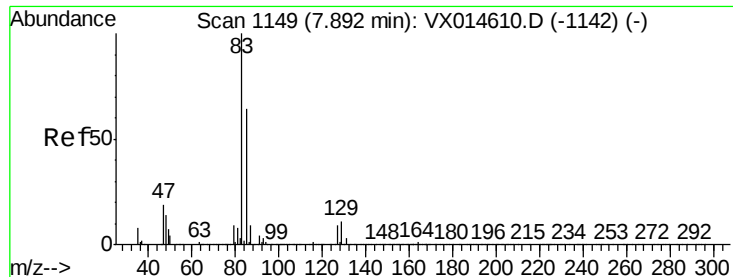
Ion Ratio Lower Upper

93 100

95 81.8 0.0 164.4

174 115.9 0.0 228.8





#41

Bromodichloromethane

Concen: 19.801 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

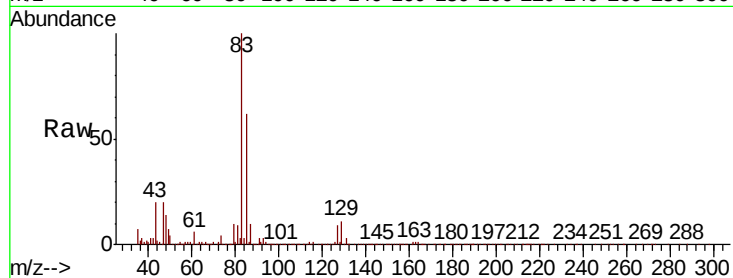
Tot Ion: 83 Resp: 106865

Ion Ratio Lower Upper

83 100

85 61.6 51.6 77.4

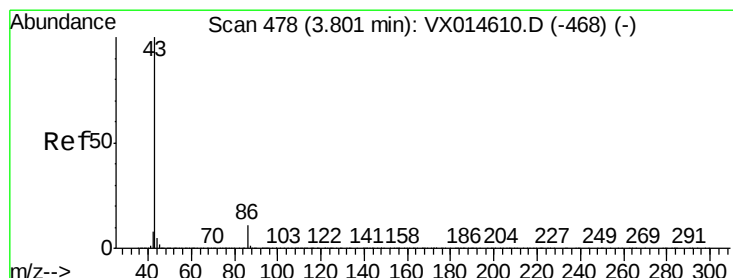
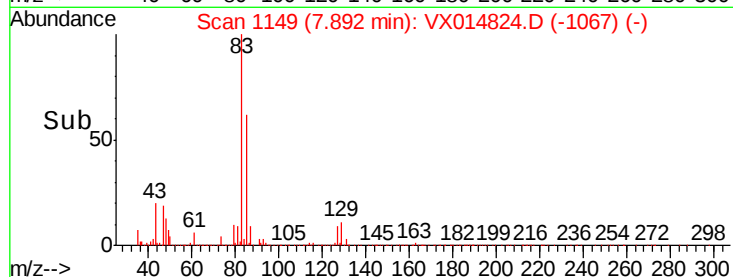
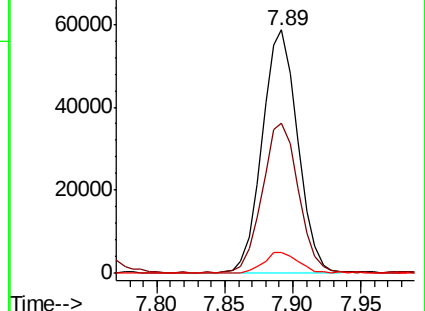
127 8.5 6.0 9.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 94.871 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014824.D

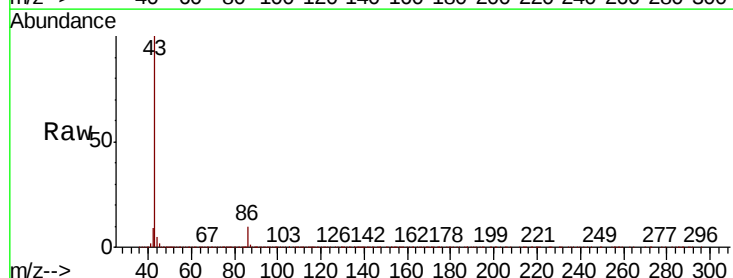
Acq: 05 Feb 2020 15:54

Tgt Ion: 43 Resp: 988544

Ion Ratio Lower Upper

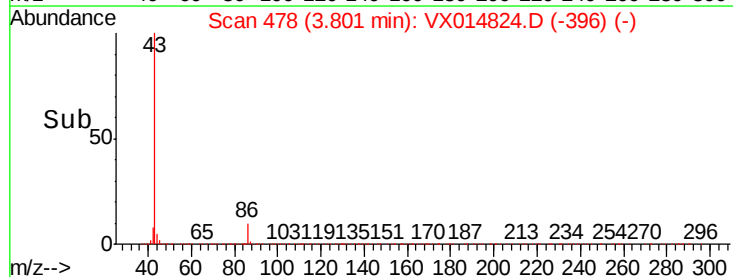
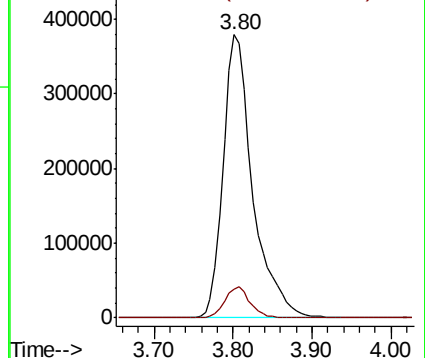
43 100

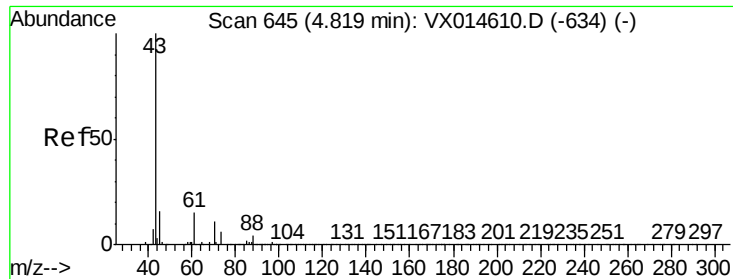
86 9.5 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

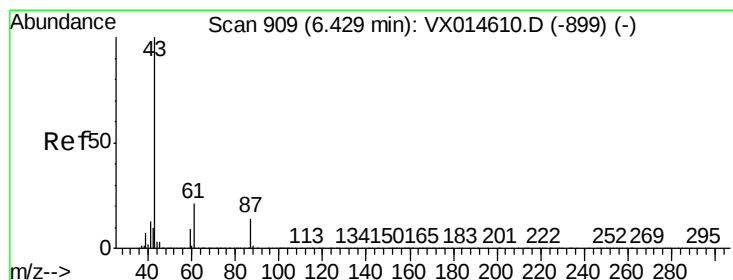
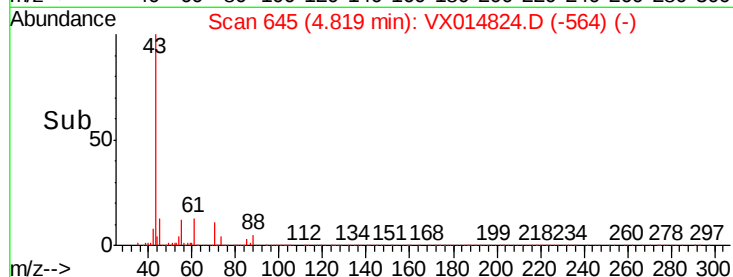
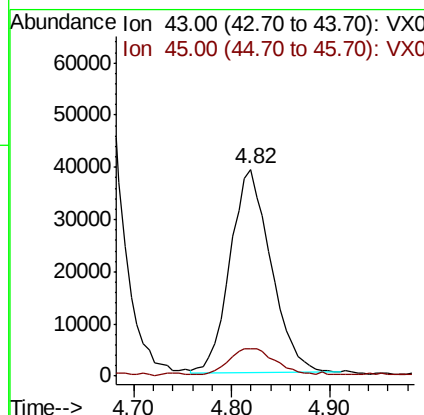
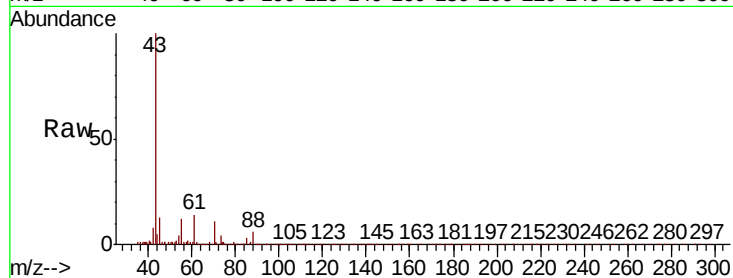




#43
Ethyl Acetate
Concen: 18.251 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

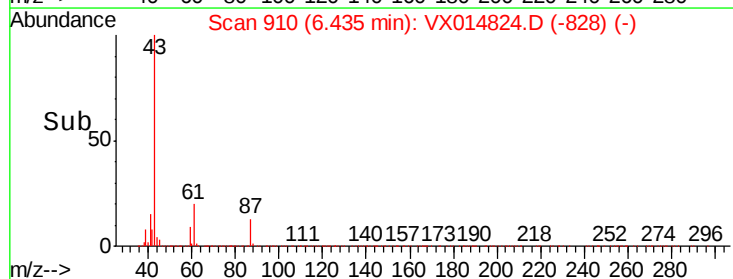
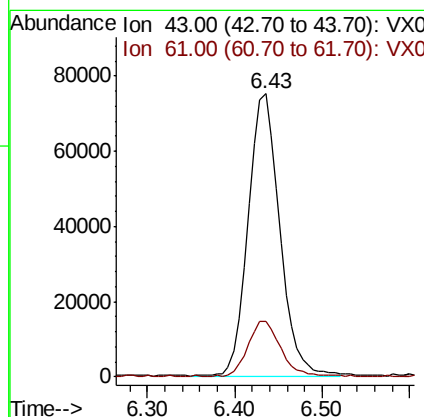
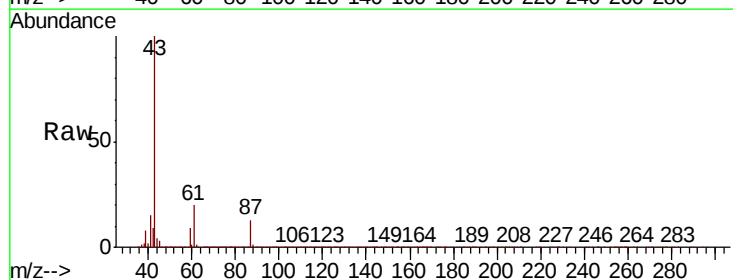
Instrument :
MSVOA_X
ClientSampleId :

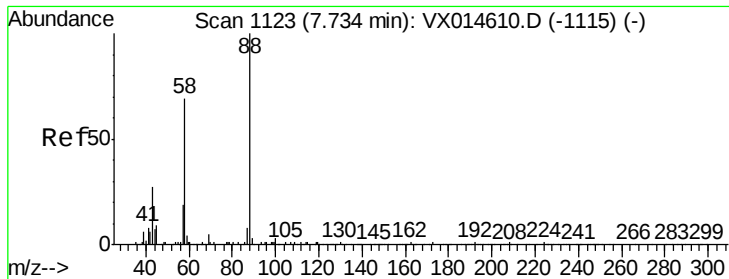
Tot Ion: 43 Resp: 111695
Ion Ratio Lower Upper
43 100
45 14.6 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.058 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

Tgt Ion: 43 Resp: 188148
Ion Ratio Lower Upper
43 100
61 19.5 15.9 23.9





#45

1,4-Dioxane

Concen: 349.116 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

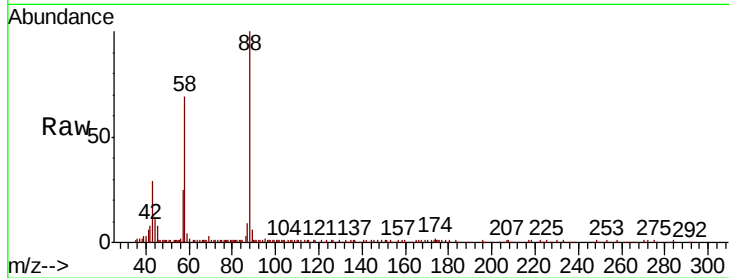
Tot Ion: 88 Resp: 34477

Ion Ratio Lower Upper

88 100

43 31.2 25.4 38.2

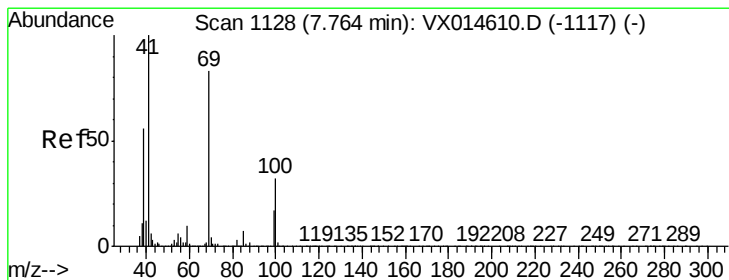
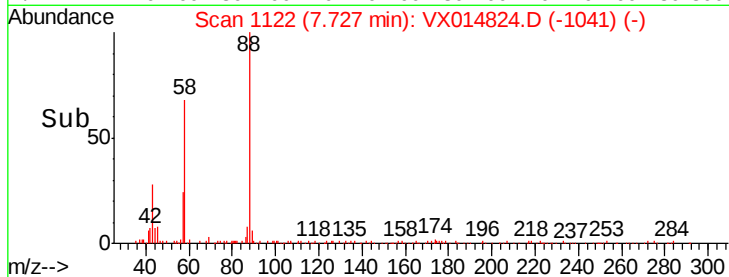
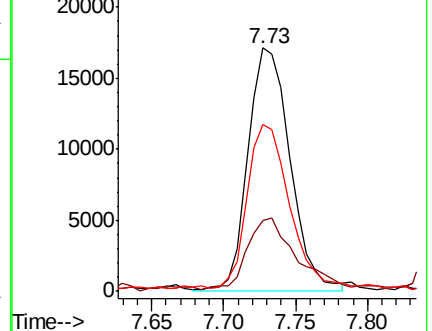
58 68.1 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 19.316 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

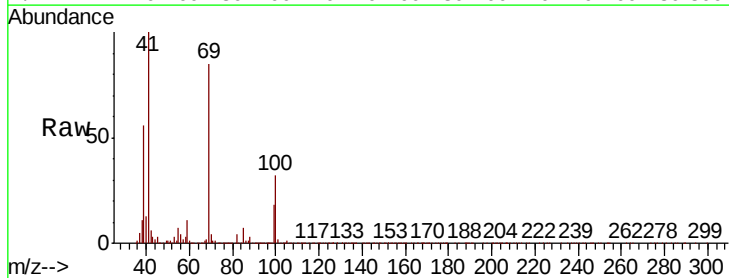
Tgt Ion: 41 Resp: 93778

Ion Ratio Lower Upper

41 100

69 85.2 40.6 122.0

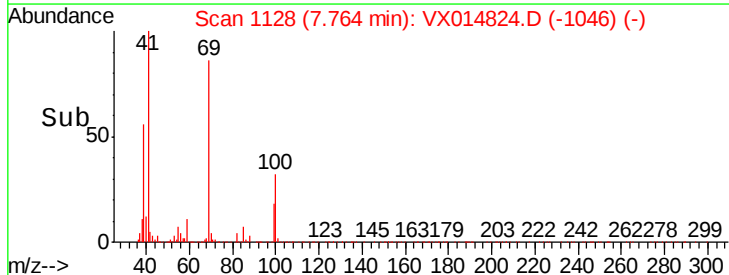
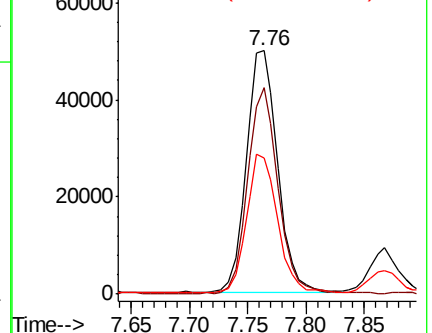
39 55.3 27.8 83.3

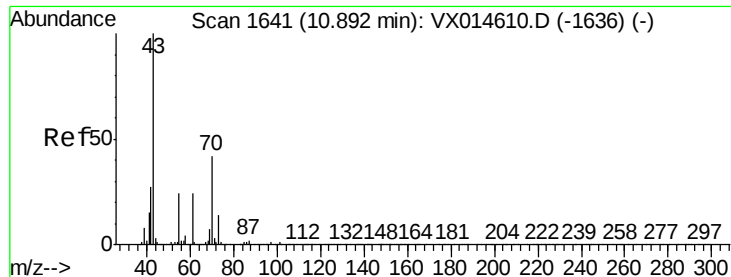


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

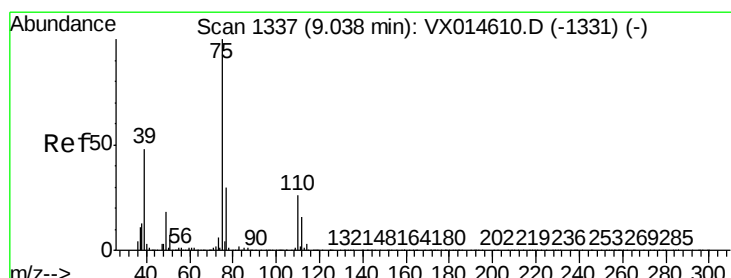
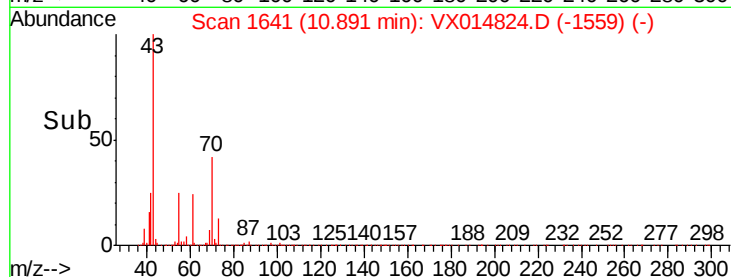
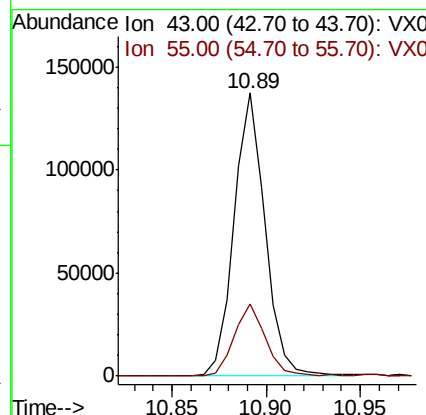
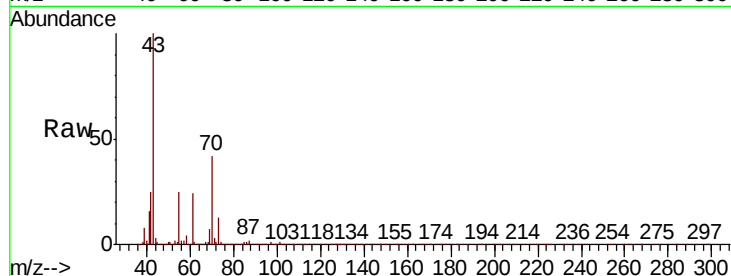




#47
 n-amvl Acetate
 Concen: 18.855 ug/l
 RT: 10.89 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: VX014824.D
 Acq: 05 Feb 2020 15:54

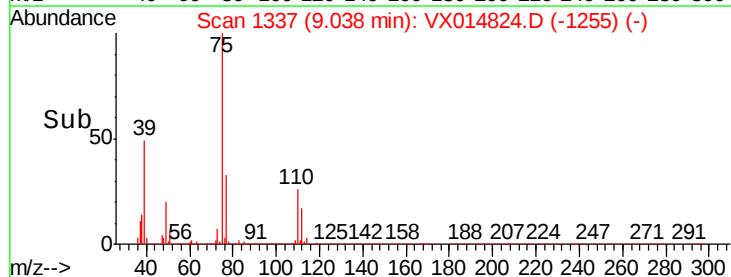
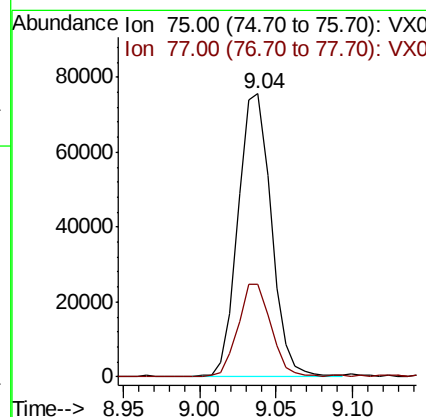
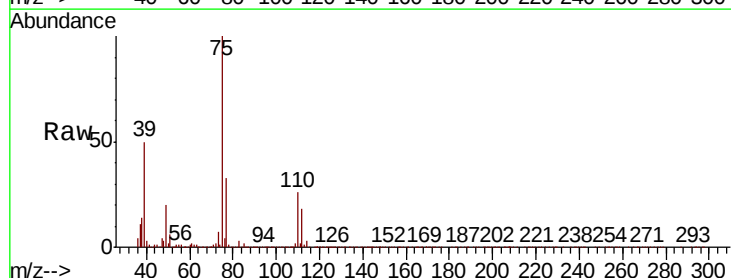
Instrument :
 MSVOA_X
 ClientSampled :

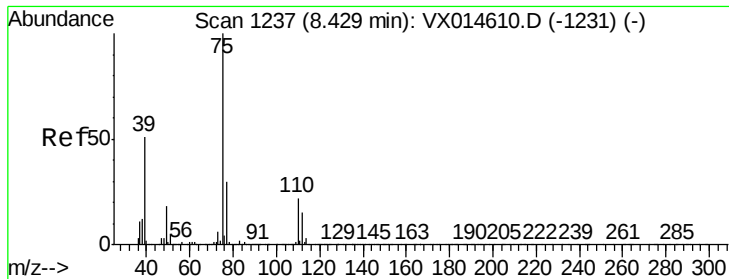
Tot Ion: 43 Resp: 155972
 Ion Ratio Lower Upper
 43 100
 55 25.5 19.4 29.2



#48
 t-1,3-Dichloropropene
 Concen: 19.460 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX014824.D
 Acq: 05 Feb 2020 15:54

Tgt Ion: 75 Resp: 114661
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.0 39.0

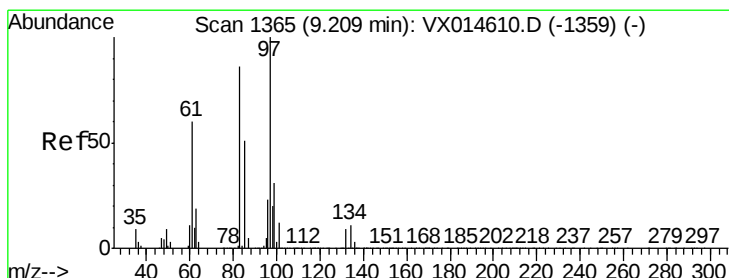
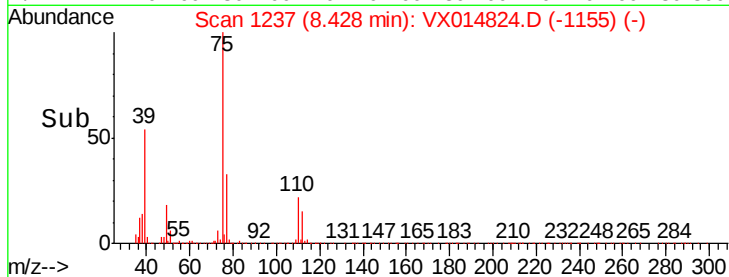
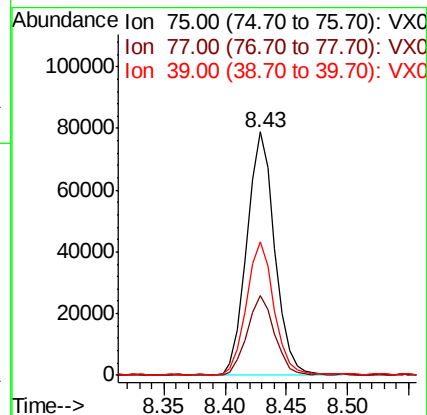
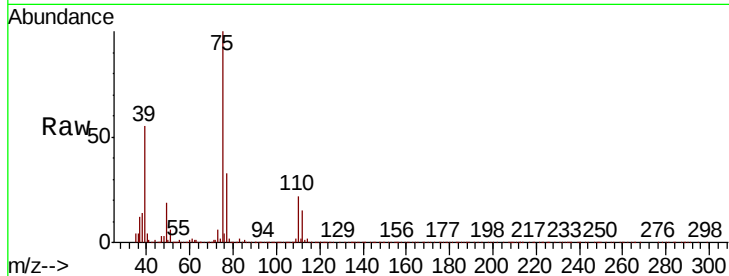




#49
 cis-1,3-Dichloropropene
 Concen: 18.806 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014824.D
 Acq: 05 Feb 2020 15:54

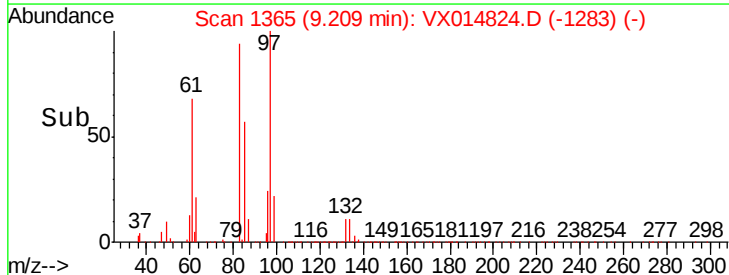
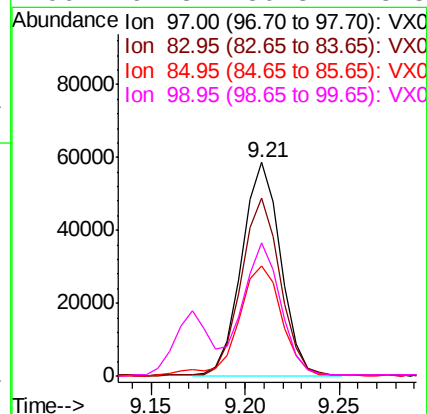
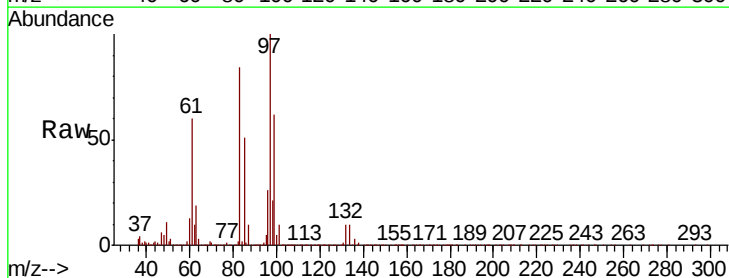
Instrument :
 MSVOA_X
 ClientSampleId :

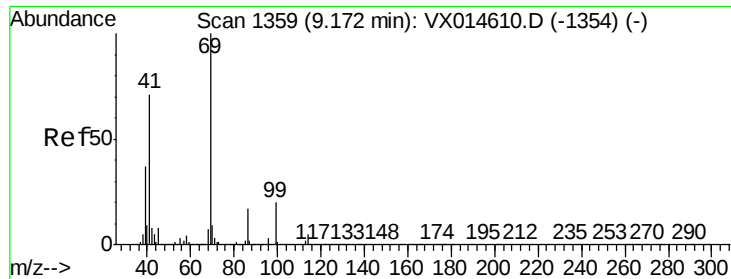
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.8	37.2
39	54.5	41.1	61.7



#50
 1,1,2-Trichloroethane
 Concen: 20.044 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014824.D
 Acq: 05 Feb 2020 15:54

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.1	102.1
85	51.3	42.7	64.1
99	62.3	50.3	75.5





#51

Ethyl methacrylate

Concen: 18.874 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

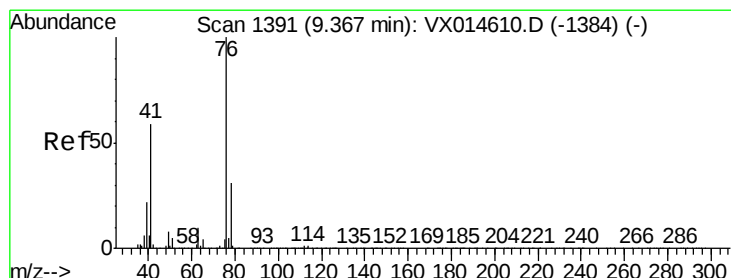
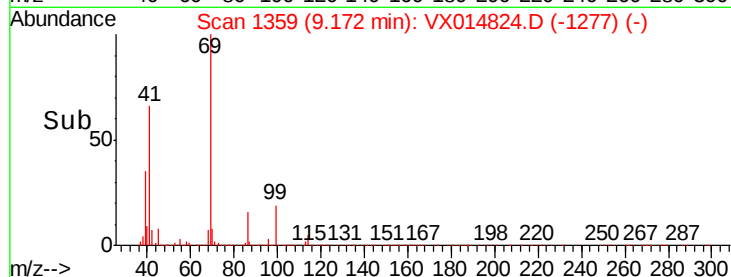
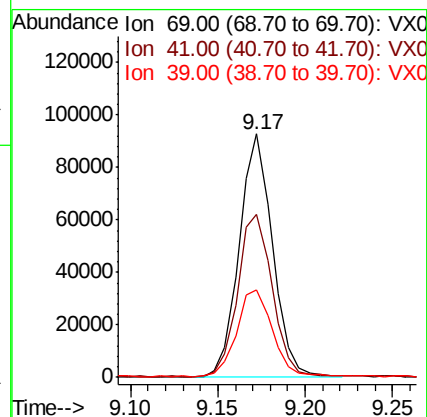
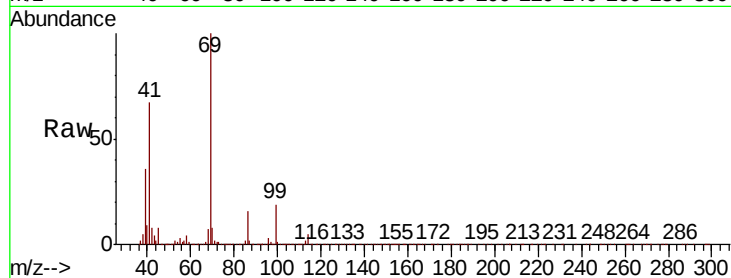
Tot Ion: 69 Resp: 123238

Ion Ratio Lower Upper

69 100

41 67.1 35.4 106.1

39 35.9 17.8 53.3



#52

1,3-Dichloropropane

Concen: 19.950 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014824.D

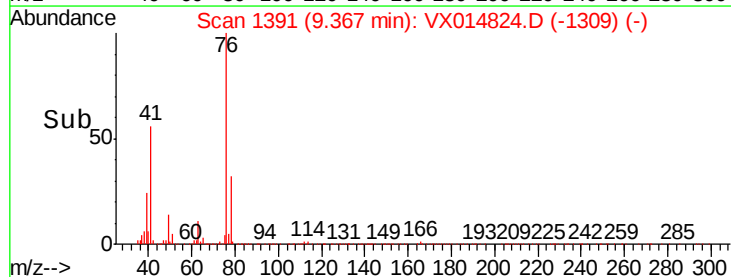
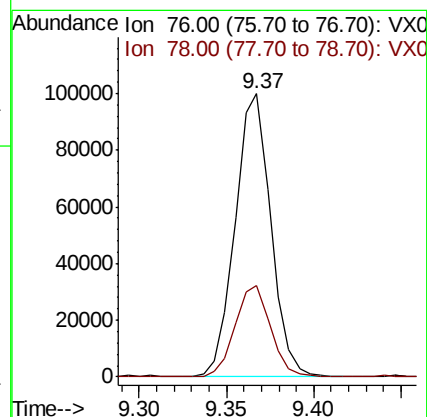
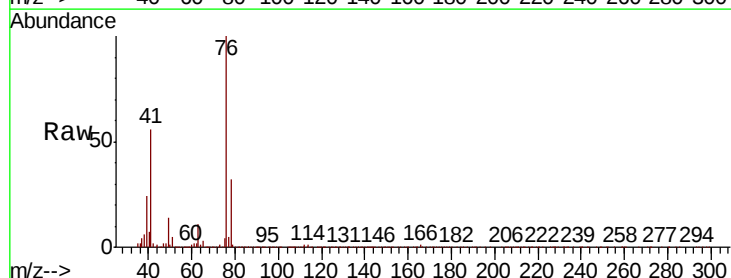
Acq: 05 Feb 2020 15:54

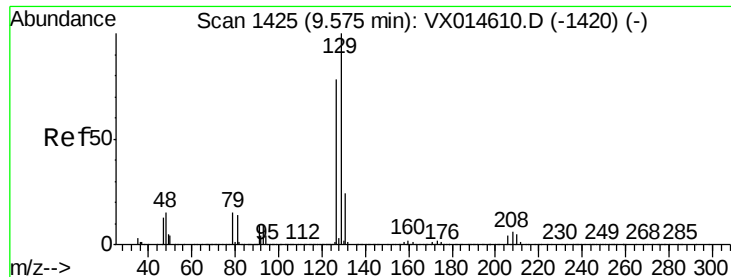
Tgt Ion: 76 Resp: 141750

Ion Ratio Lower Upper

76 100

78 32.0 0.0 63.4





#53

Dibromochloromethane

Concen: 19.760 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

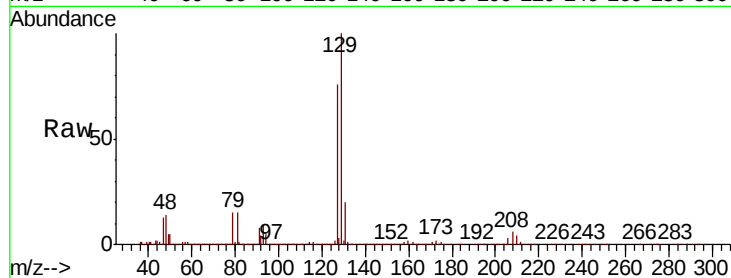
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 84759

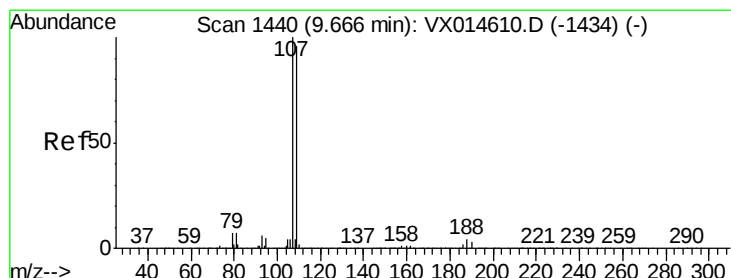
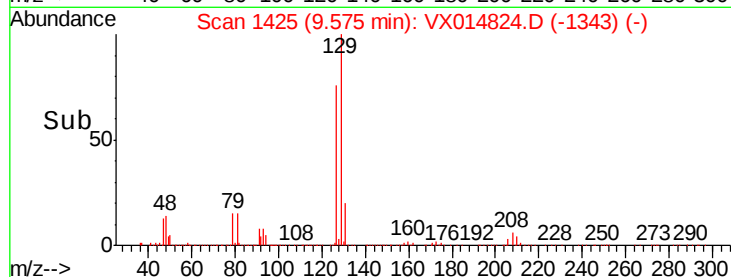
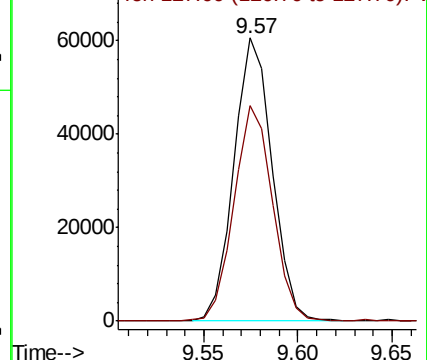
Ion Ratio Lower Upper

129 100

127 76.8 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.955 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014824.D

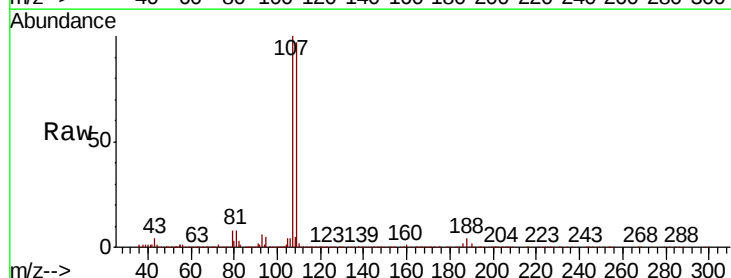
Acq: 05 Feb 2020 15:54

Tgt Ion:107 Resp: 86791

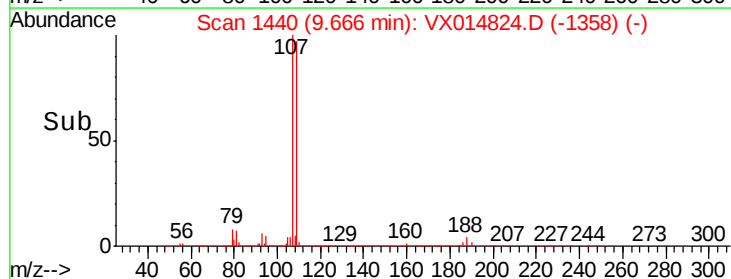
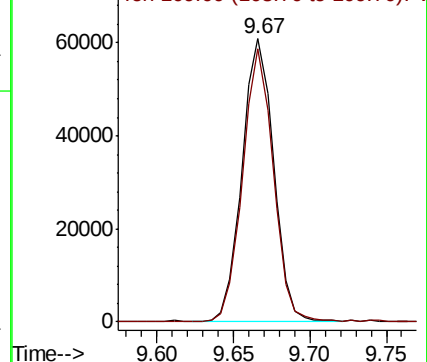
Ion Ratio Lower Upper

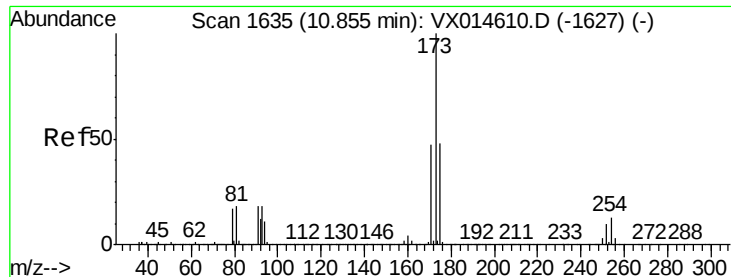
107 100

109 94.2 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

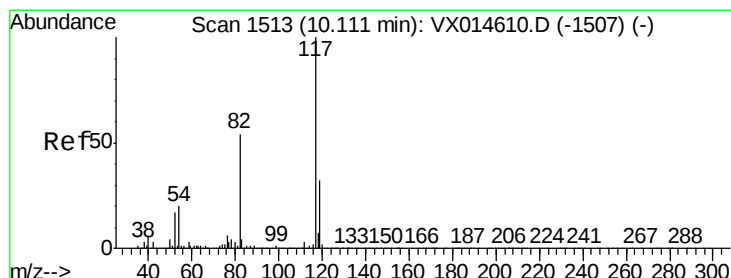
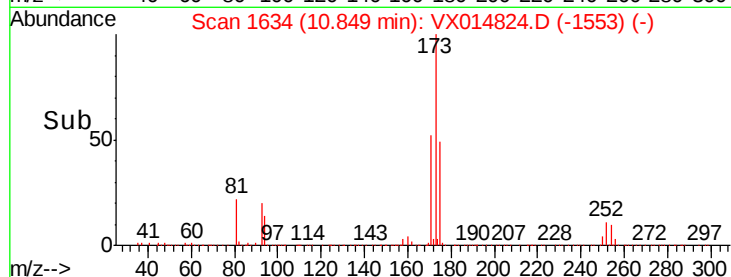
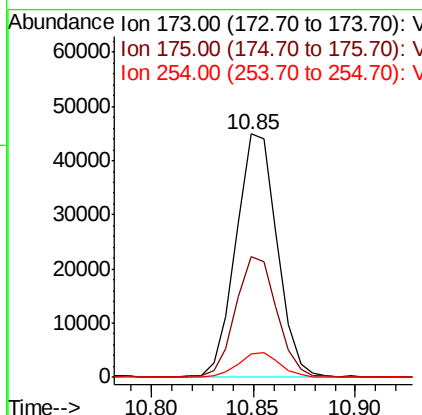
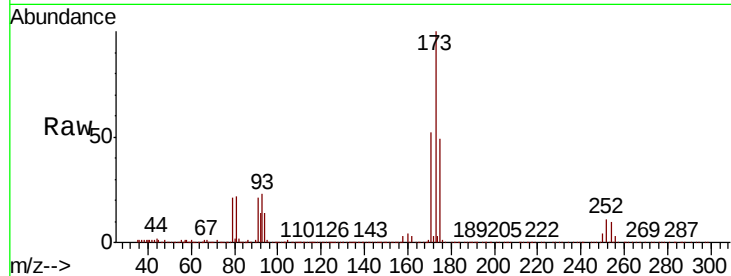




#56
Bromoform
Concen: 19.093 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

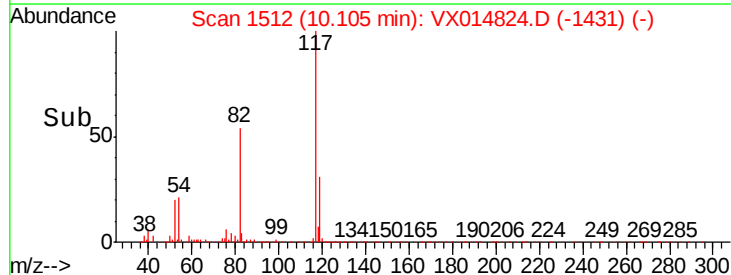
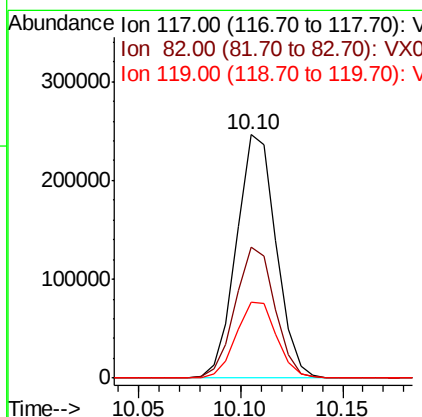
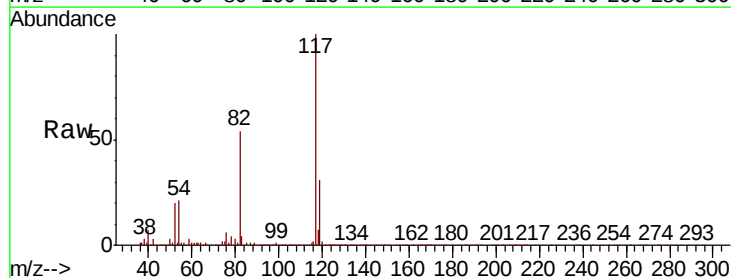
Instrument :
MSVOA_X
ClientSampled :

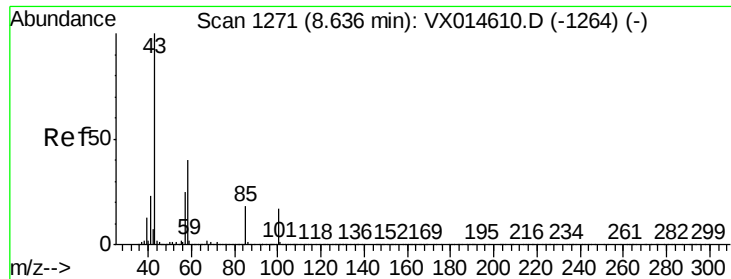
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.0	39.5	59.3
254	10.3	8.2	12.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.8	65.6
119	31.9	25.8	38.6

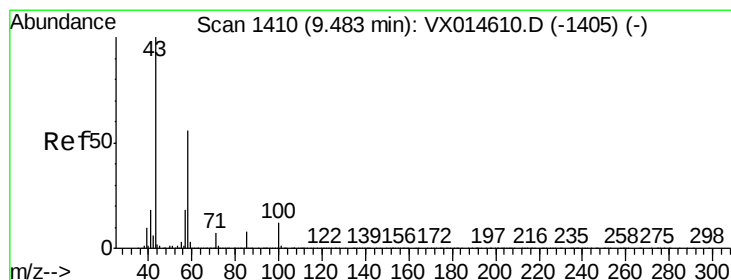
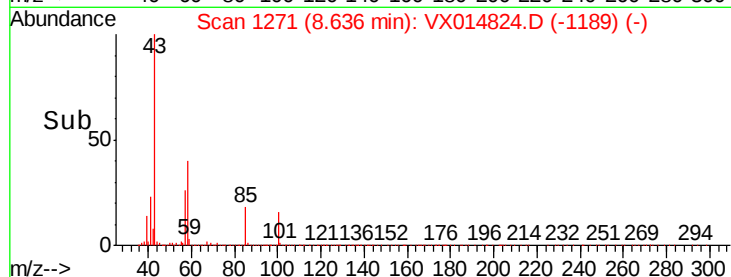
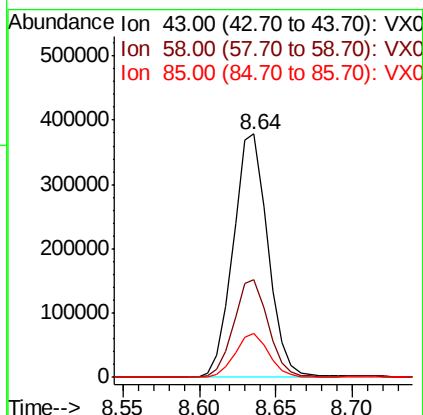
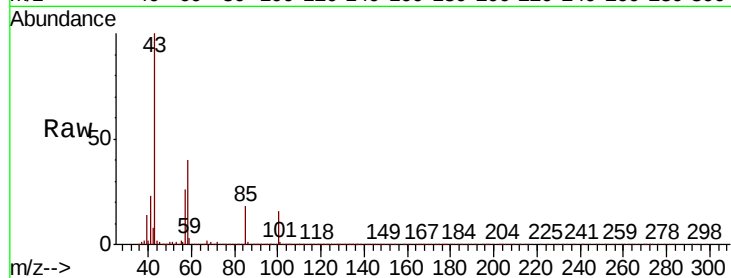




#58
4-Methyl-2-Pentanone
Concen: 95.147 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

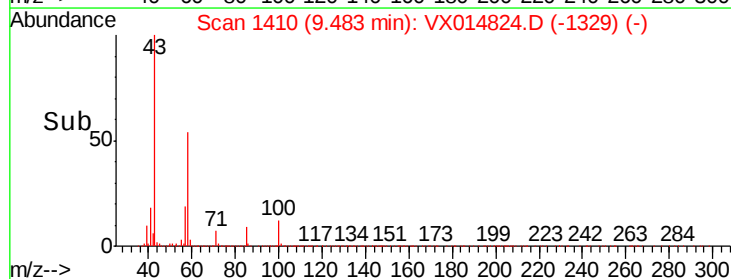
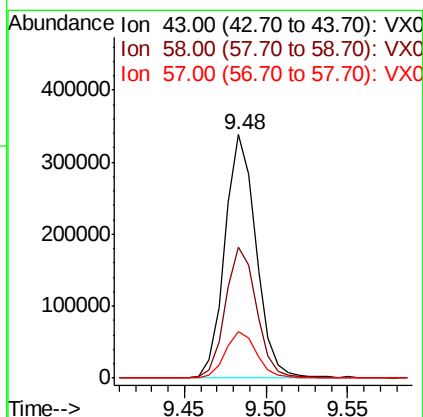
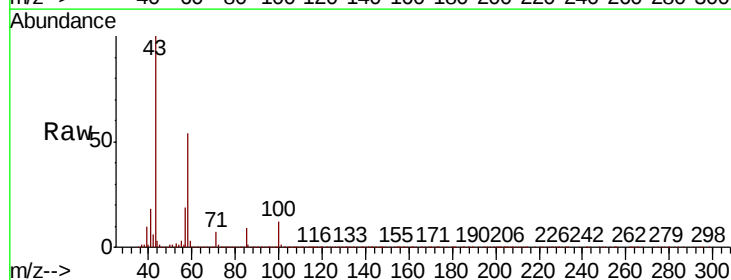
Instrument :
MSVOA_X
ClientSampleId :

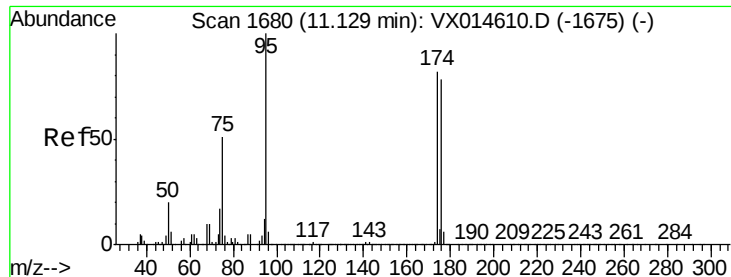
Tot Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.2	46.8
85	17.6	14.2	21.2



#59
2-Hexanone
Concen: 92.830 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	54.4	43.8	65.6
57	19.0	15.4	23.0

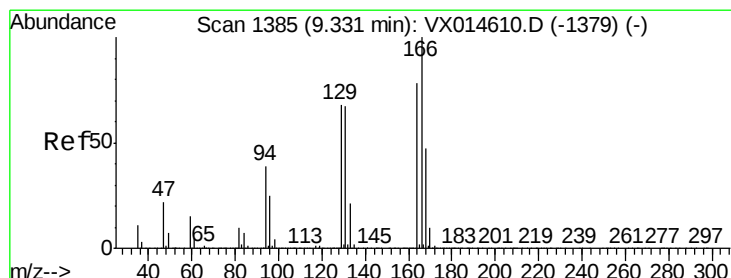
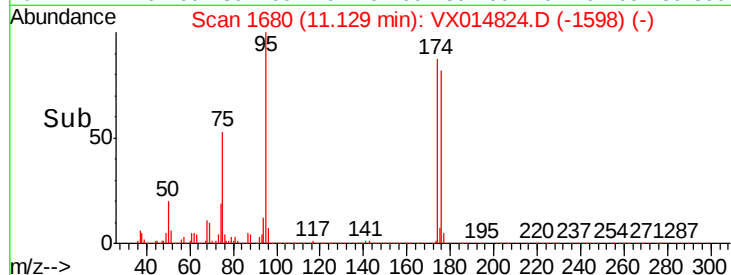
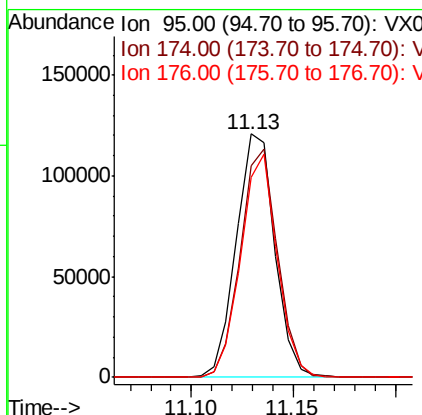
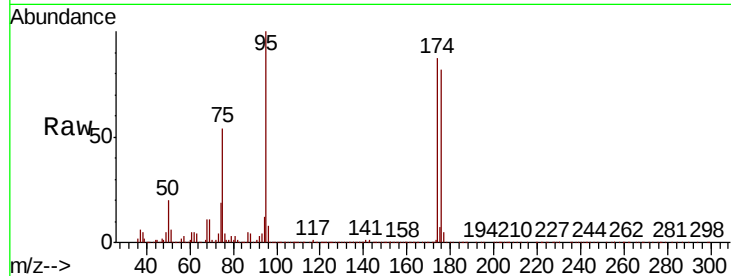




#60
4-Bromofluorobenzene
Concen: 29.631 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

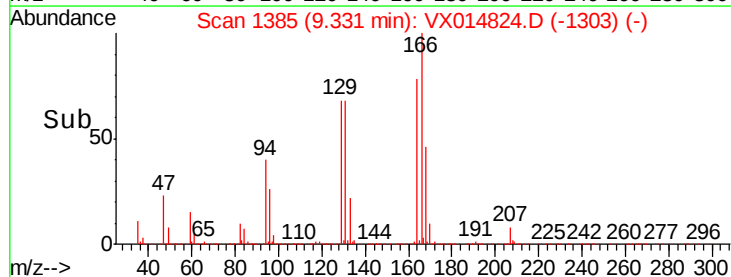
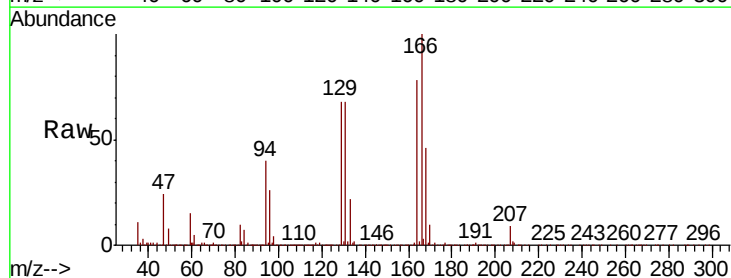
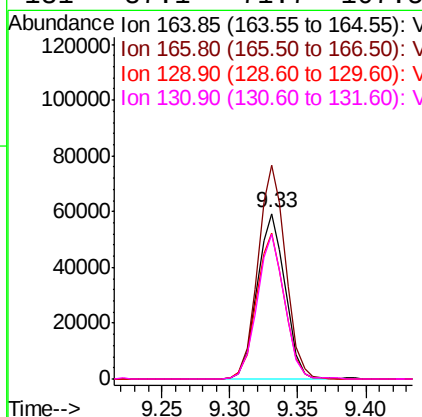
Instrument :
MSVOA_X
ClientSampleId :

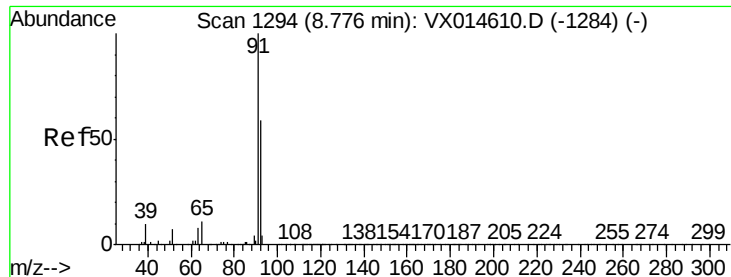
Tot Ion	Ratio	Lower	Upper
95	100		
174	91.8	70.2	105.2
176	87.3	68.3	102.5



#61
Tetrachloroethene
Concen: 17.447 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	104.2	156.2
129	88.1	71.6	107.4
131	87.1	71.7	107.5





#62

Toluene

Concen: 19.843 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

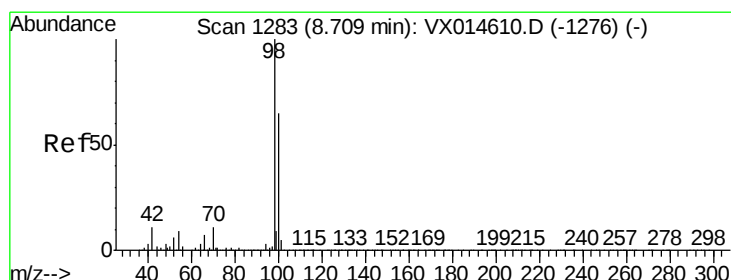
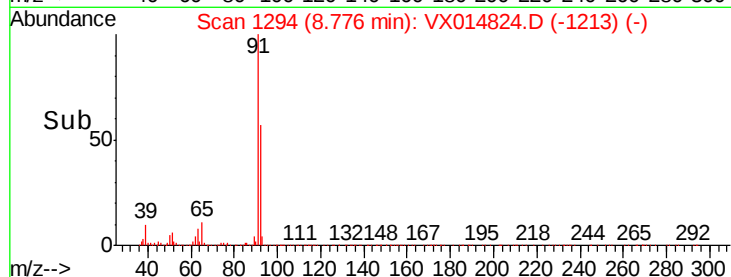
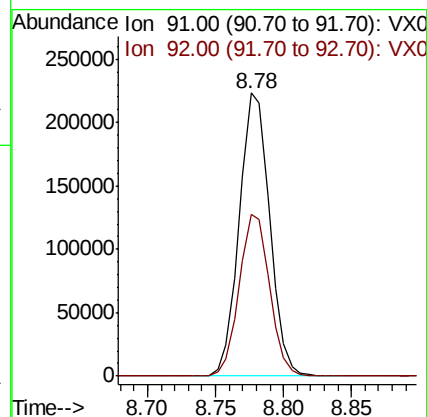
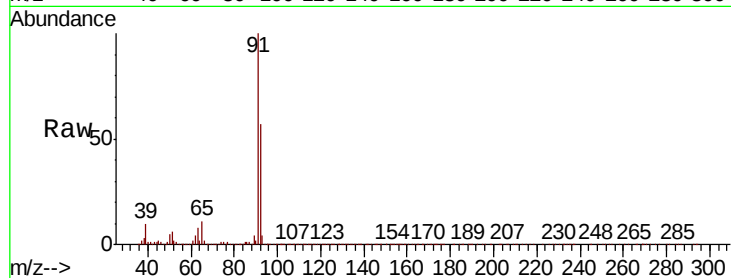
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 349527

Ion Ratio Lower Upper

91 100

92 57.3 46.4 69.6



#63

Toluene-d8

Concen: 30.162 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014824.D

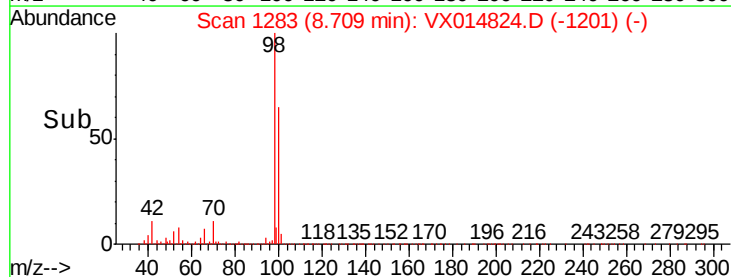
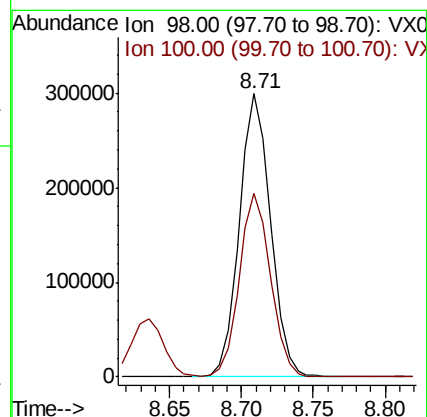
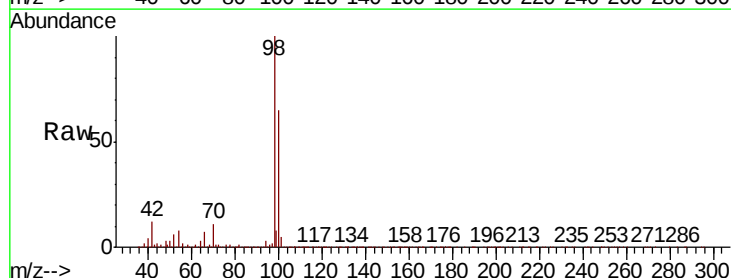
Acq: 05 Feb 2020 15:54

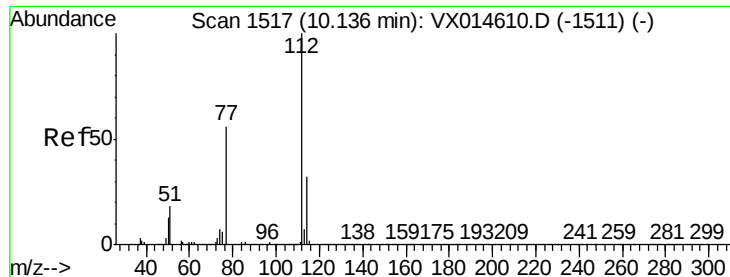
Tgt Ion: 98 Resp: 452331

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2





#64

Chlorobenzene

Concen: 19.598 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

Instrument :

MSVOA_X

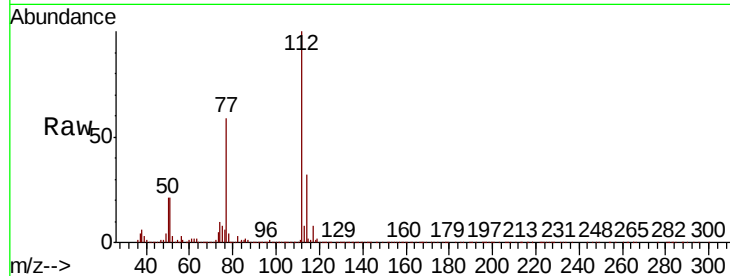
ClientSampleId :

Tot Ion:112 Resp: 215498

Ion Ratio Lower Upper

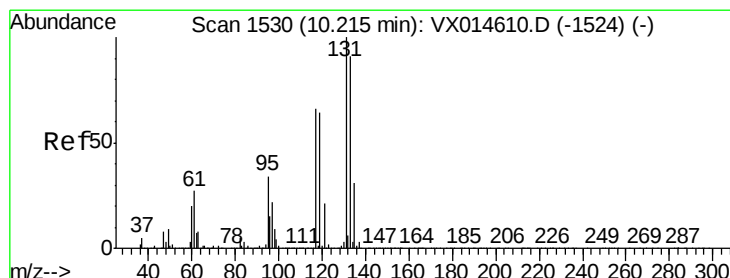
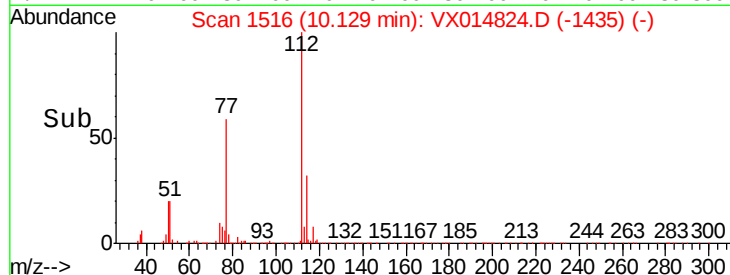
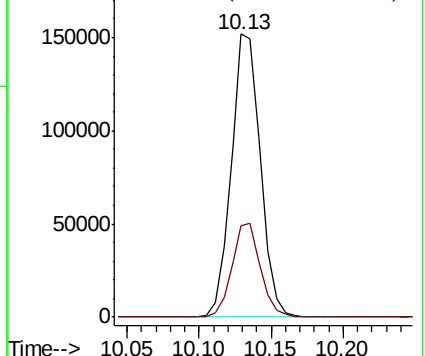
112 100

114 32.1 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#65

1,1,1,2-Tetrachloroethane

Concen: 19.543 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

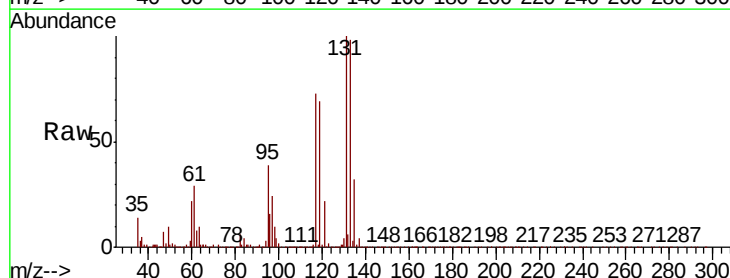
Tgt Ion:131 Resp: 79371

Ion Ratio Lower Upper

131 100

133 97.1 0.0 189.8

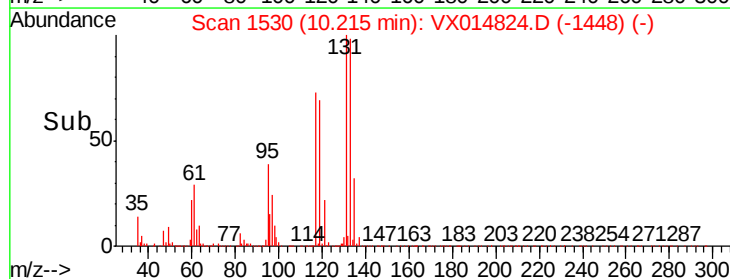
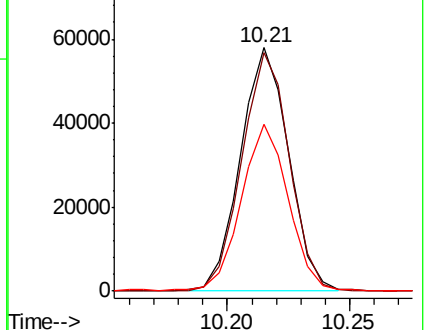
119 66.8 0.0 132.2

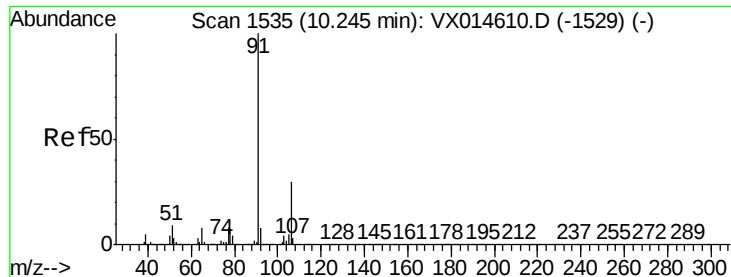


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#66

Ethyl Benzene

Concen: 19.682 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

Instrument :

MSVOA_X

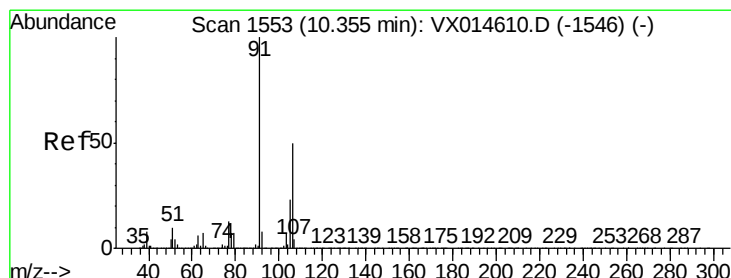
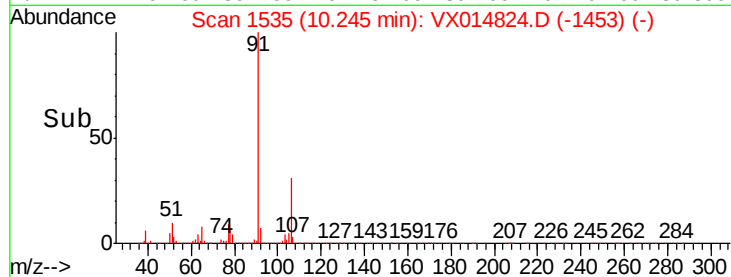
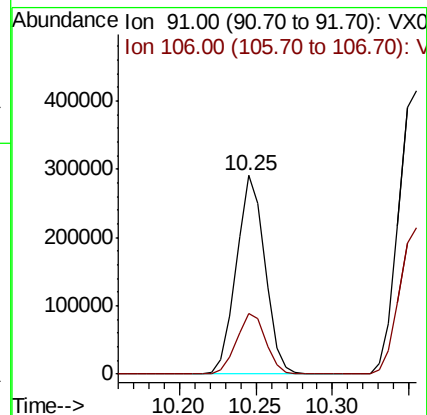
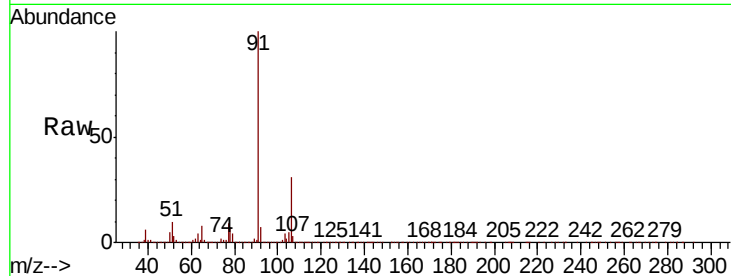
ClientSampled :

Tot Ion: 91 Resp: 377630

Ion Ratio Lower Upper

91 100

106 30.4 24.2 36.2



#67

m/p-Xylenes

Concen: 39.172 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014824.D

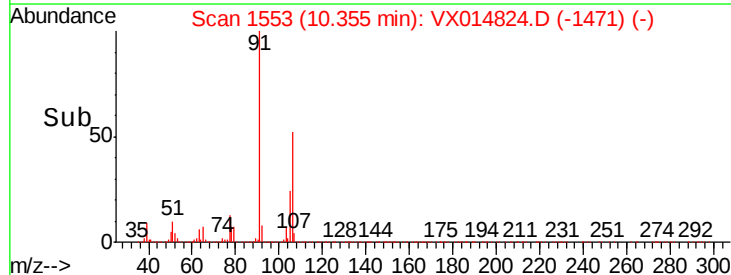
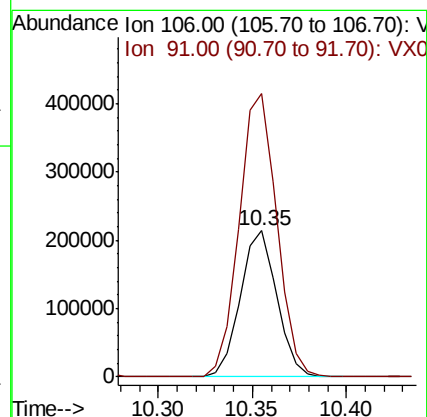
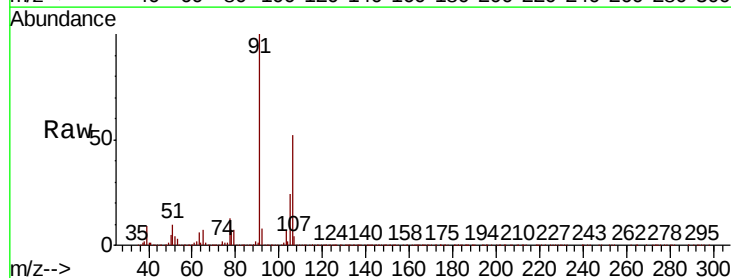
Acq: 05 Feb 2020 15:54

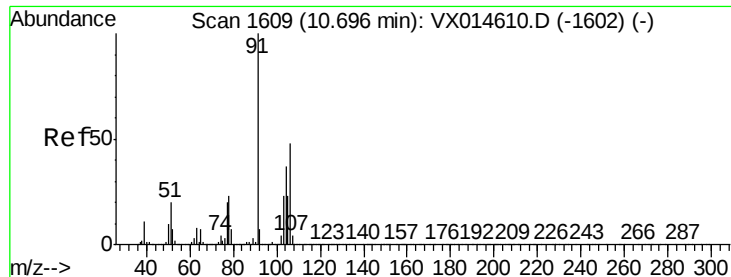
Tgt Ion: 106 Resp: 287880

Ion Ratio Lower Upper

106 100

91 198.9 159.3 238.9

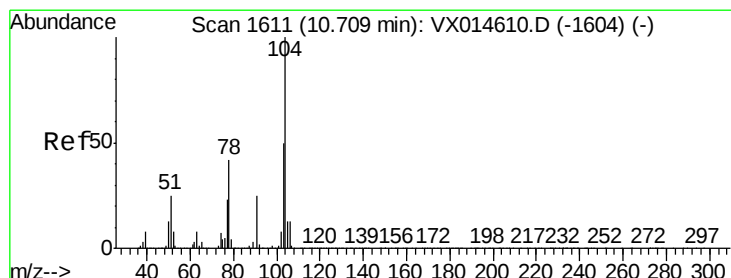
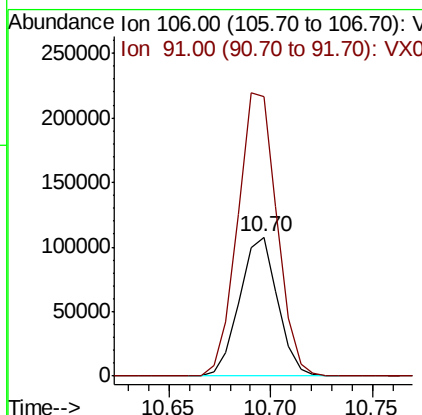
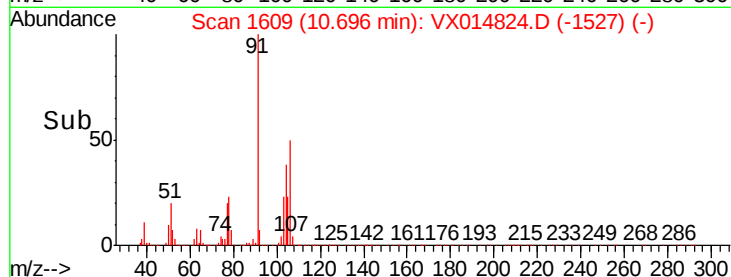
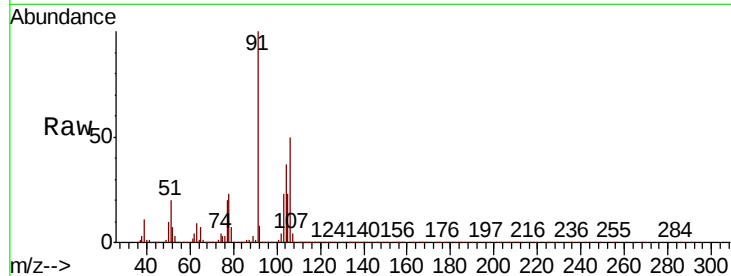




#68
o-Xylene
Concen: 19.462 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

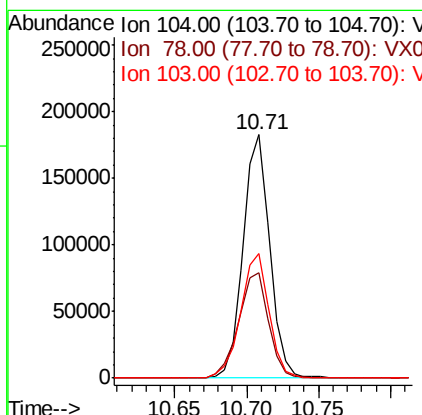
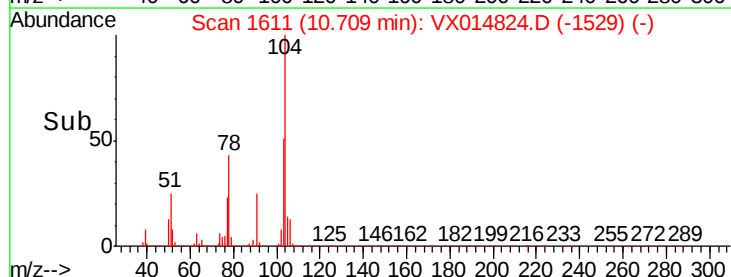
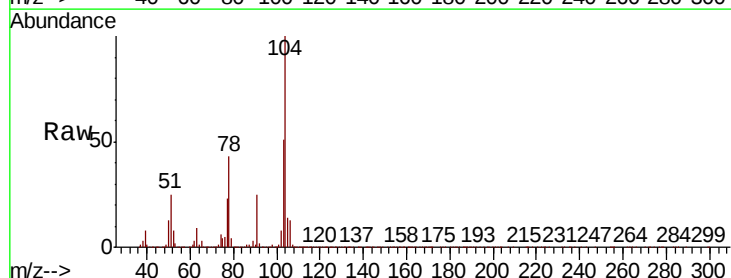
Instrument :
MSVOA_X
ClientSampleId :

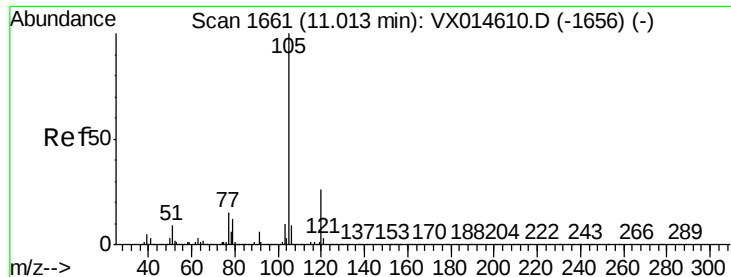
Tot Ion:106 Resp: 139274
Ion Ratio Lower Upper
106 100
91 210.1 104.8 314.6



#69
Styrene
Concen: 19.218 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

Tgt Ion:104 Resp: 233024
Ion Ratio Lower Upper
104 100
78 49.1 38.9 58.3
103 54.9 44.2 66.2





#70

Isopropylbenzene

Concen: 19.717 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

Instrument :

MSVOA_X

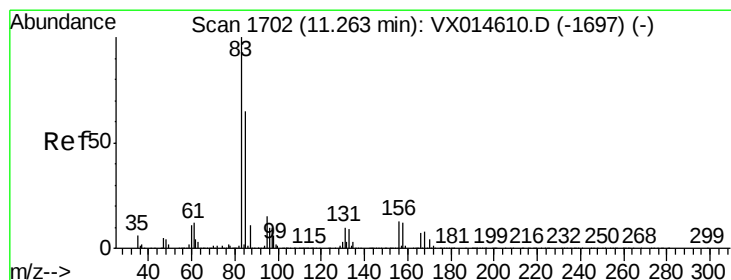
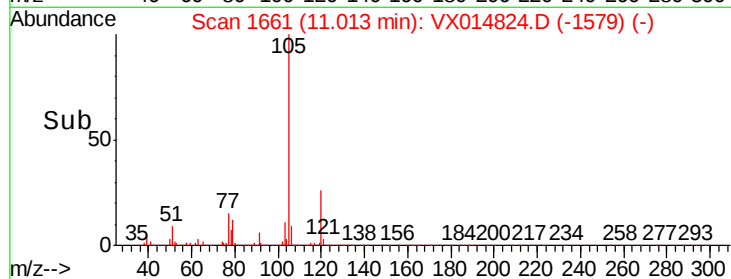
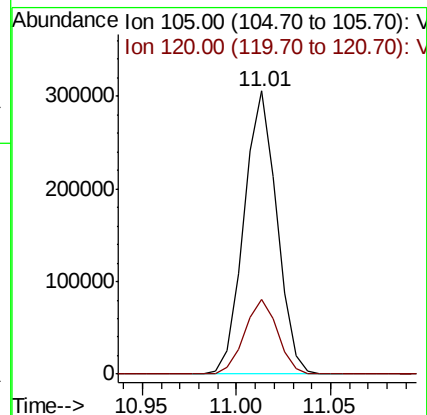
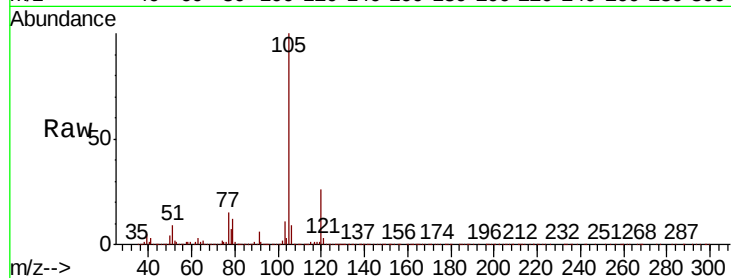
ClientSampleId :

Tot Ion:105 Resp: 369658

Ion Ratio Lower Upper

105 100

120 26.5 19.1 35.5



#71

1,1,2,2-Tetrachloroethane

Concen: 19.917 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

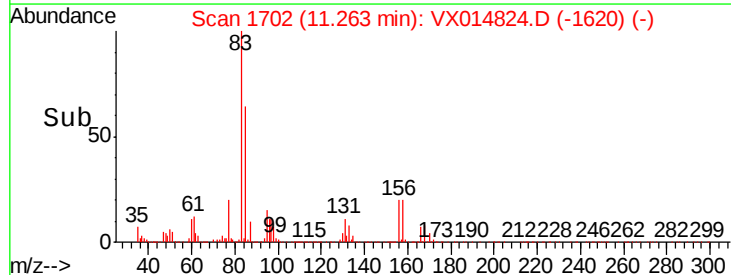
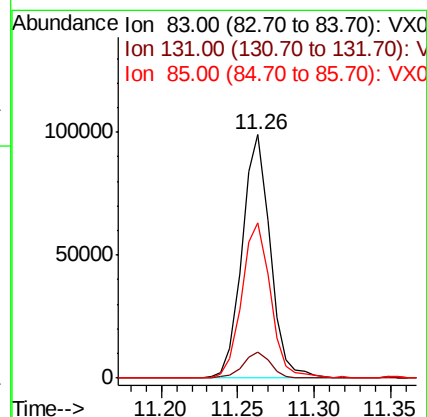
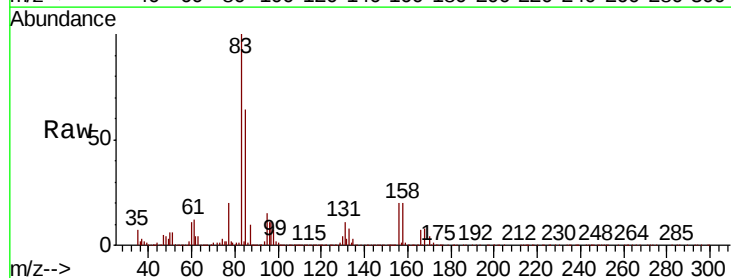
Tgt Ion: 83 Resp: 125784

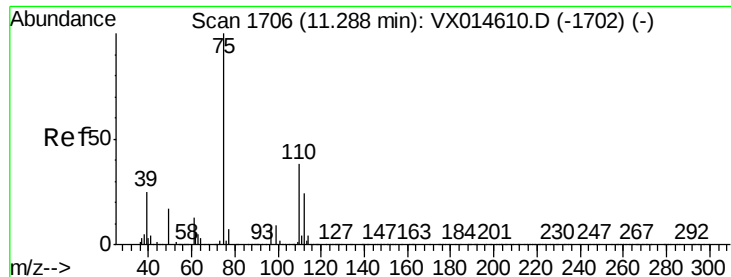
Ion Ratio Lower Upper

83 100

131 10.7 4.9 14.7

85 65.3 31.6 94.7



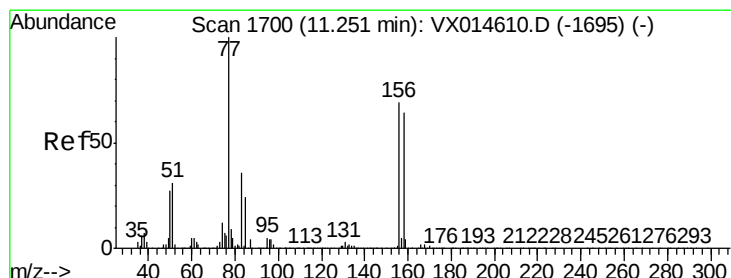
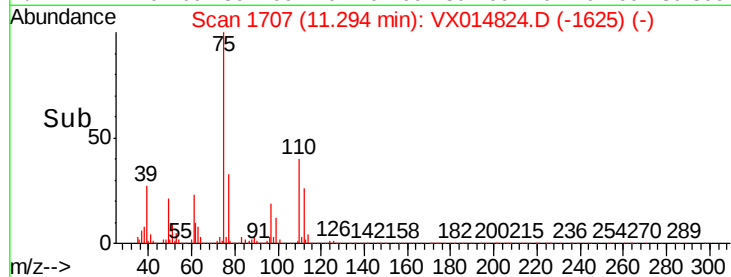
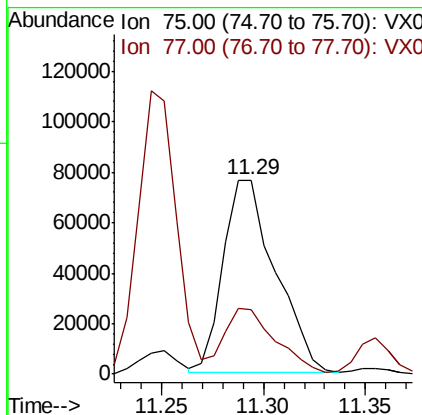
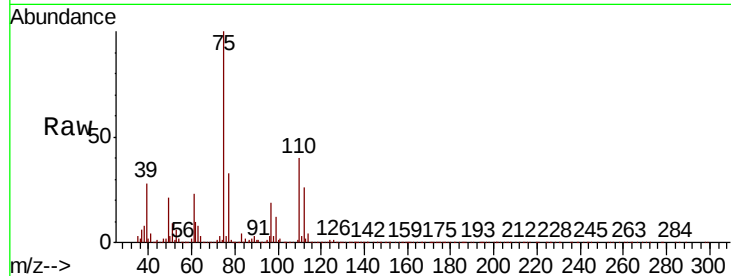


#72

1,2,3-Trichloropropane
Concen: 25.049 ug/l
RT: 11.29 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :

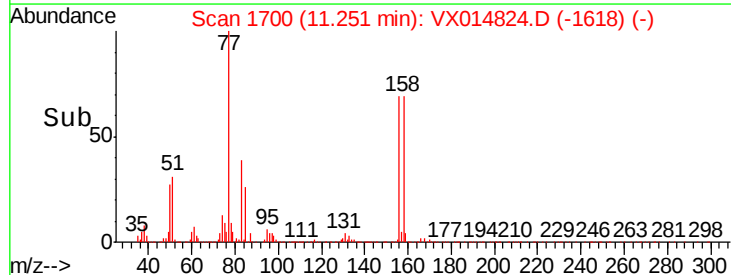
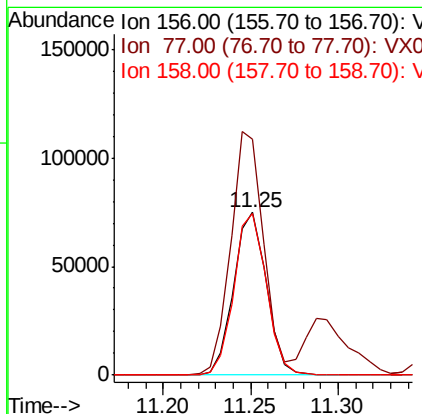
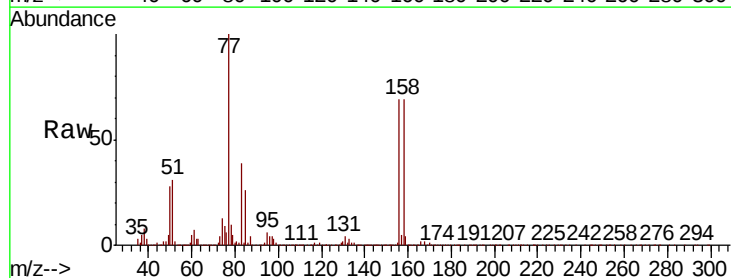
Tot Ion: 75 Resp: 135316
Ion Ratio Lower Upper
75 100
77 33.8 0.0 68.4

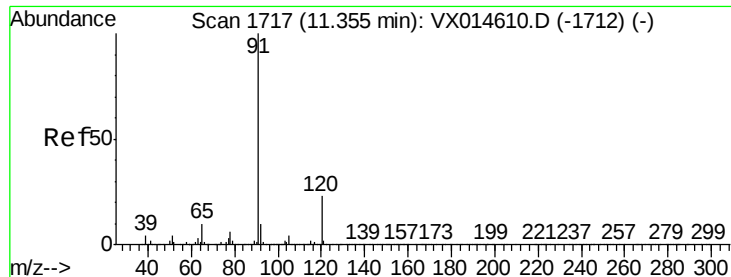


#73

Bromobenzene
Concen: 19.644 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

Tgt Ion: 156 Resp: 97626
Ion Ratio Lower Upper
156 100
77 149.0 0.0 304.6
158 98.8 0.0 195.2





#74

n-propylbenzene

Concen: 19.480 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

Instrument :

MSVOA_X

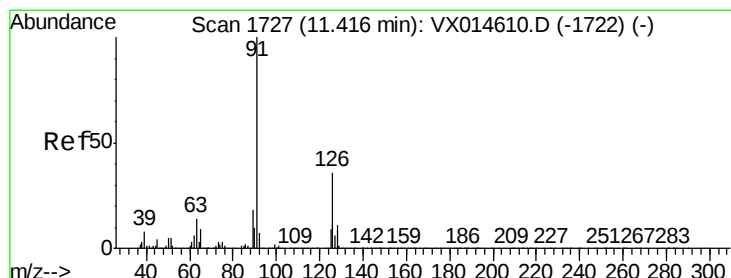
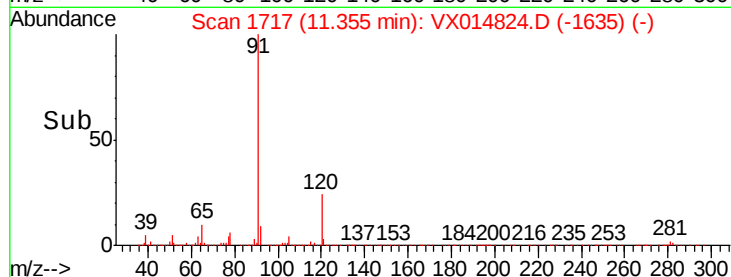
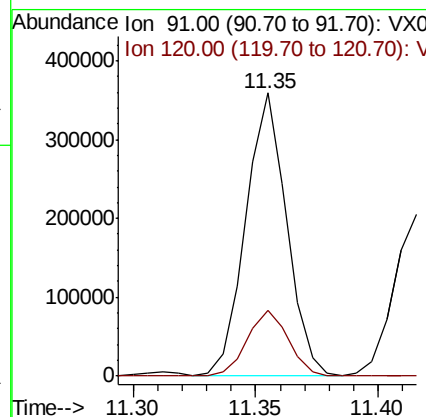
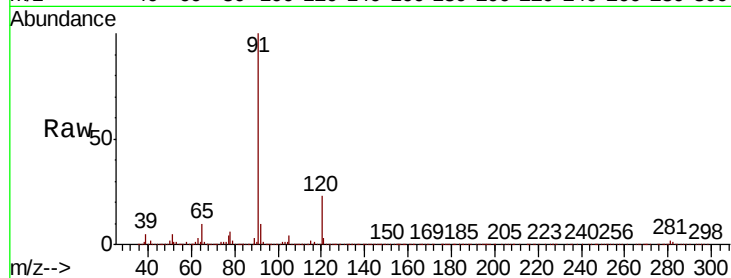
ClientSampleId :

Tot Ion: 91 Resp: 417325

Ion Ratio Lower Upper

91 100

120 23.2 0.0 44.8



#75

2-Chlorotoluene

Concen: 19.463 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014824.D

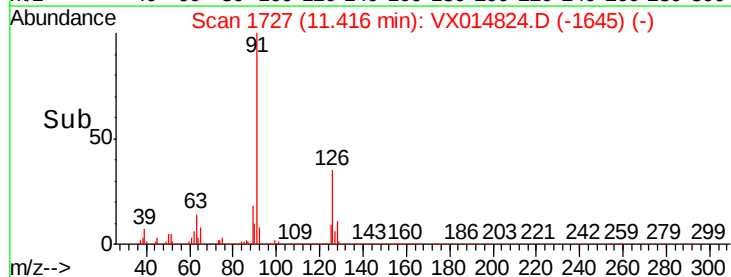
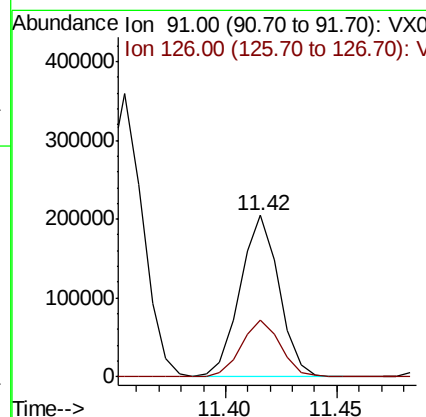
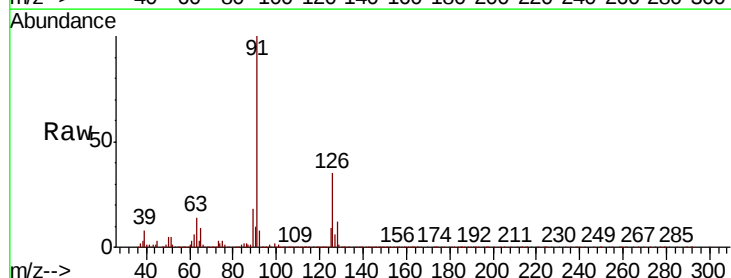
Acq: 05 Feb 2020 15:54

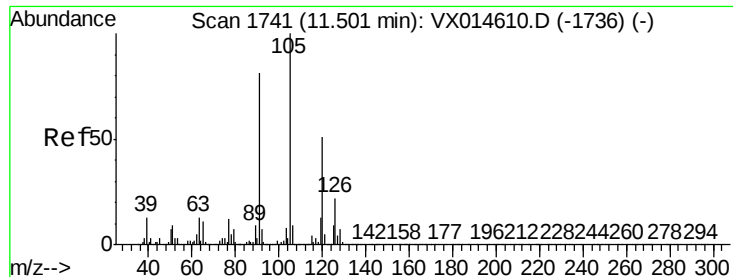
Tgt Ion: 91 Resp: 249891

Ion Ratio Lower Upper

91 100

126 35.1 0.0 70.8

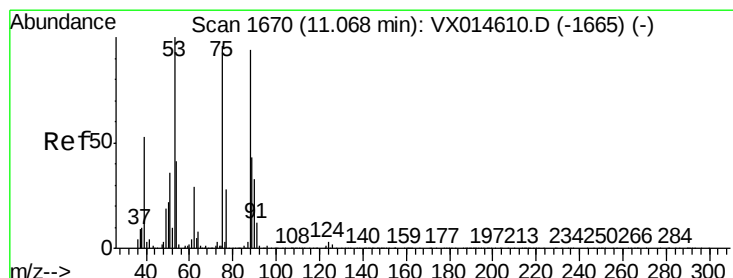
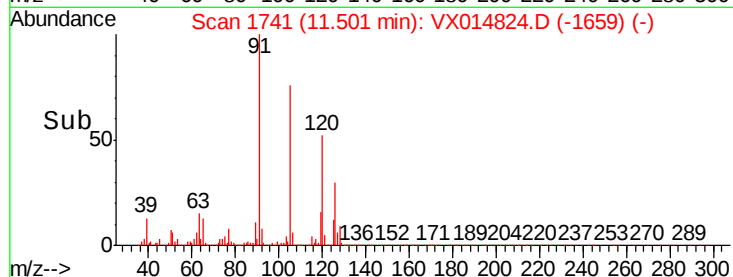
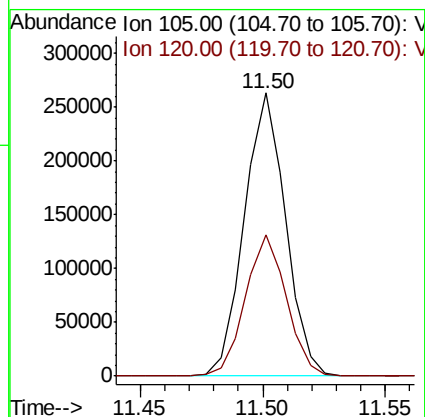
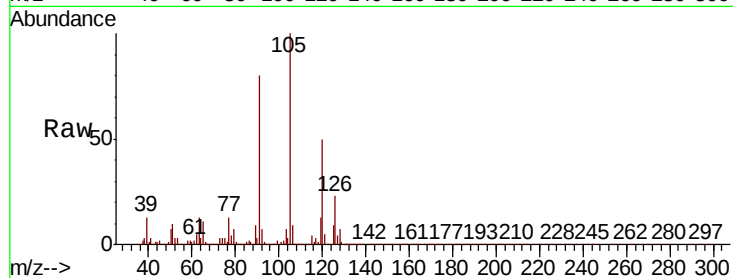




#76
 1,3,5-Trimethylbenzene
 Concen: 19.717 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014824.D
 Acq: 05 Feb 2020 15:54

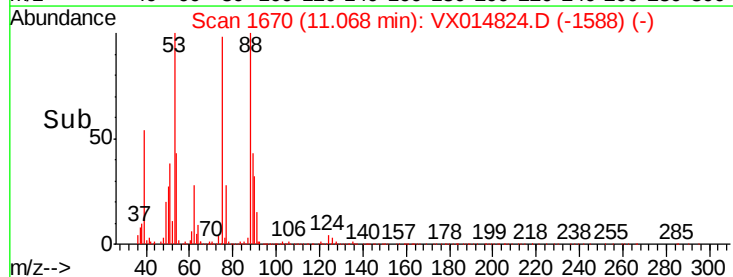
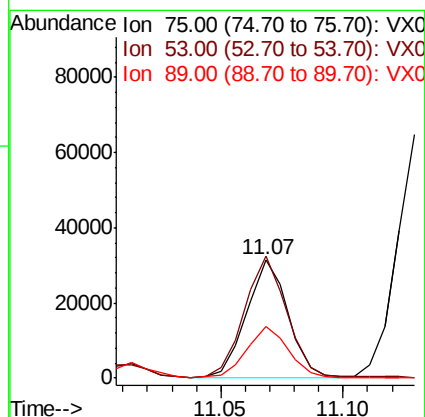
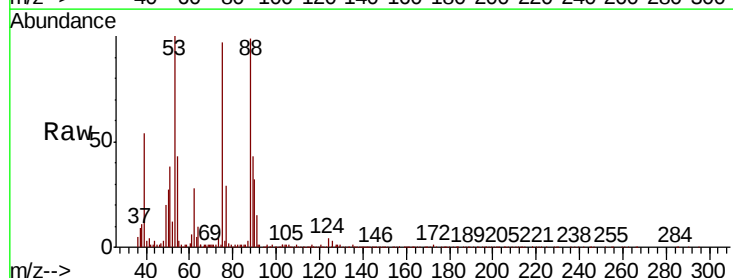
Instrument :
 MSVOA_X
 ClientSampleId :

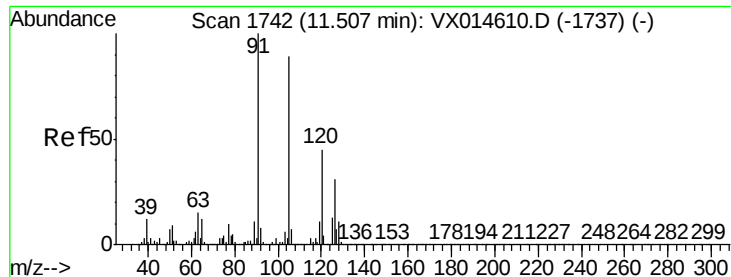
Tot Ion:105 Resp: 308014
 Ion Ratio Lower Upper
 105 100
 120 49.8 0.0 100.6



#77
 t-1,4-Dichloro-2-butene
 Concen: 17.775 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX014824.D
 Acq: 05 Feb 2020 15:54

Tgt Ion: 75 Resp: 36955
 Ion Ratio Lower Upper
 75 100
 53 101.9 54.4 163.1
 89 43.7 21.9 65.5





#78

4-Chlorotoluene

Concen: 19.621 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

Instrument :

MSVOA_X

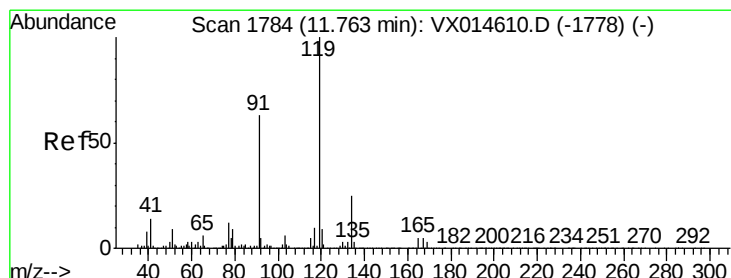
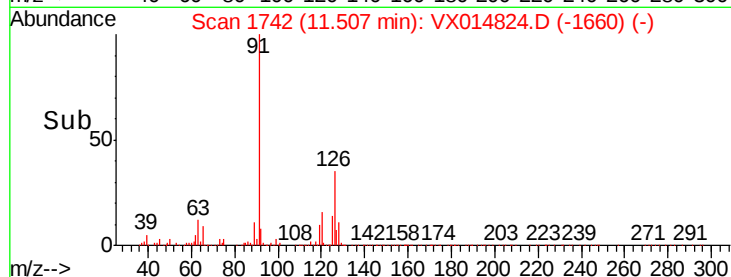
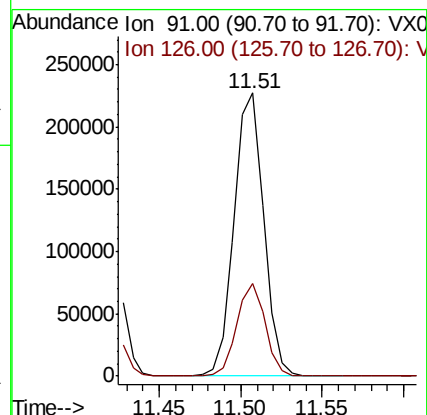
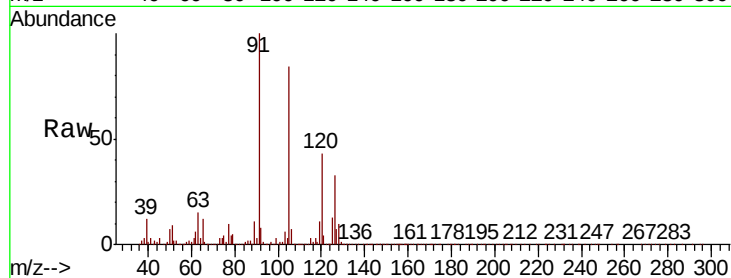
ClientSampled :

Tot Ion: 91 Resp: 286110

Ion Ratio Lower Upper

91 100

126 31.5 0.0 59.6



#79

tert-butylbenzene

Concen: 20.308 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

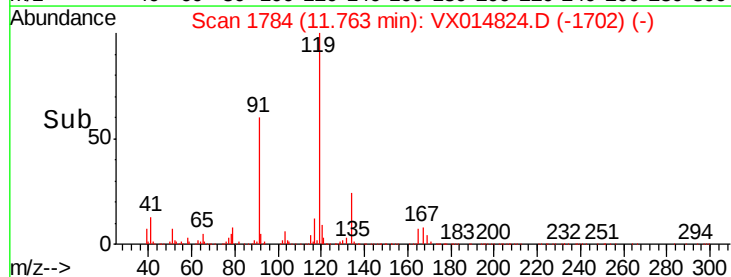
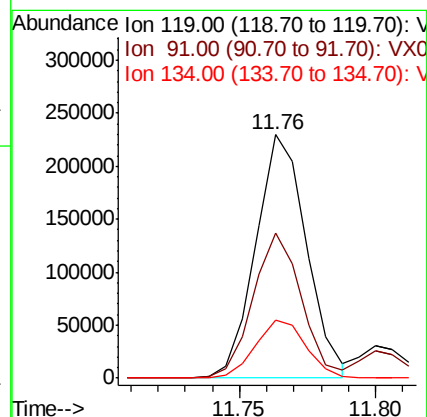
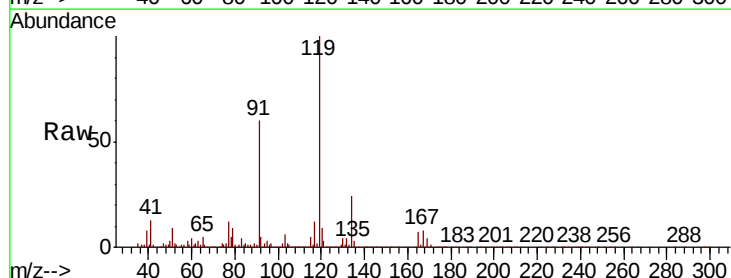
Tgt Ion: 119 Resp: 296851

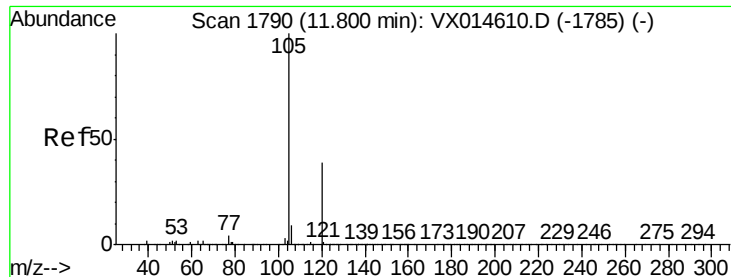
Ion Ratio Lower Upper

119 100

91 56.7 0.0 112.6

134 24.1 0.0 49.8





#80

1,2,4-Trimethylbenzene

Concen: 19.424 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

Instrument :

MSVOA_X

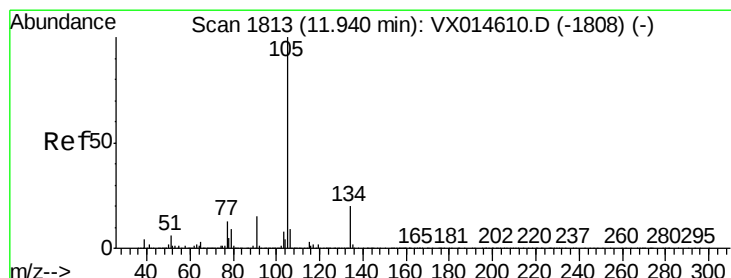
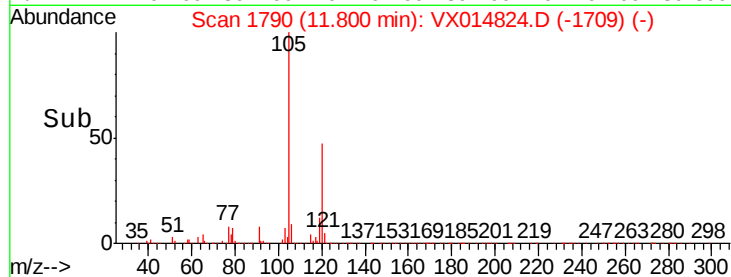
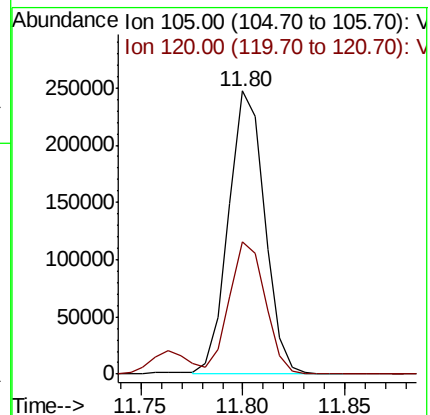
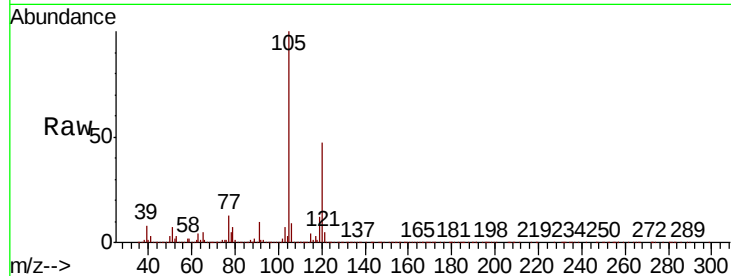
ClientSampleId :

Tot Ion:105 Resp: 302648

Ion Ratio Lower Upper

105 100

120 46.6 0.0 92.0



#81

sec-Butylbenzene

Concen: 19.565 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014824.D

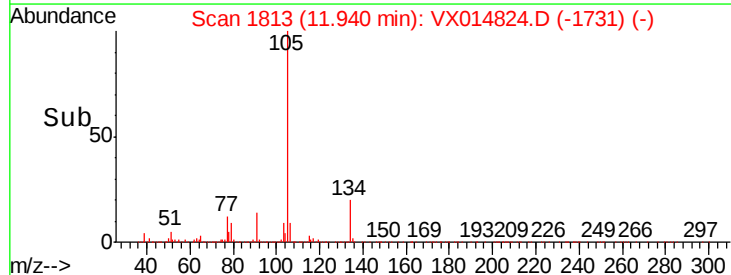
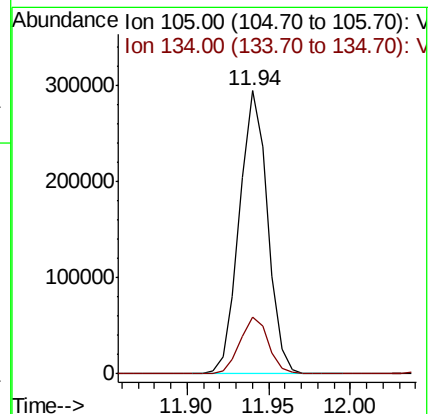
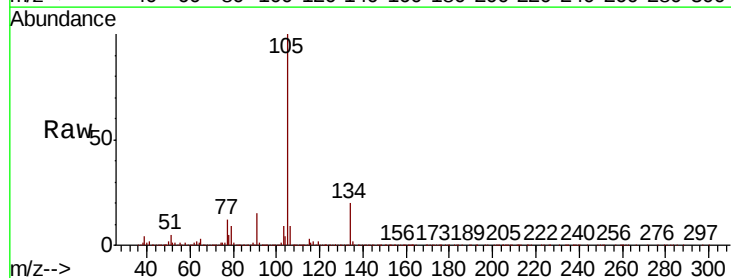
Acq: 05 Feb 2020 15:54

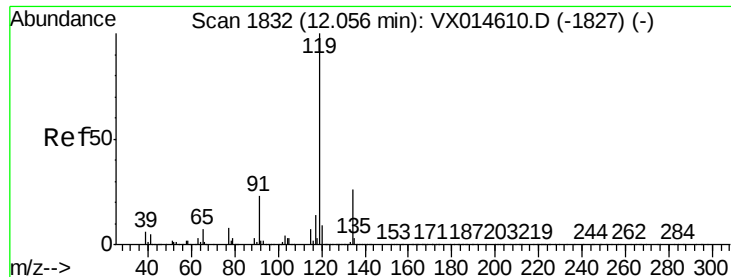
Tgt Ion:105 Resp: 353888

Ion Ratio Lower Upper

105 100

134 20.0 0.0 40.2

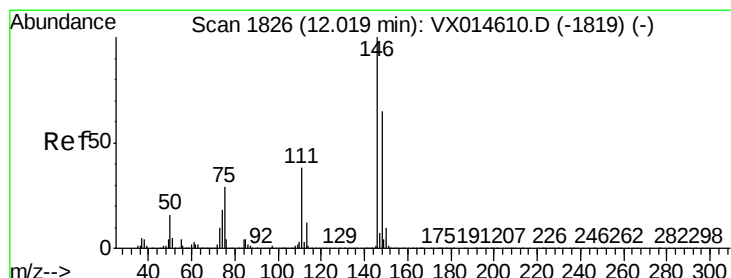
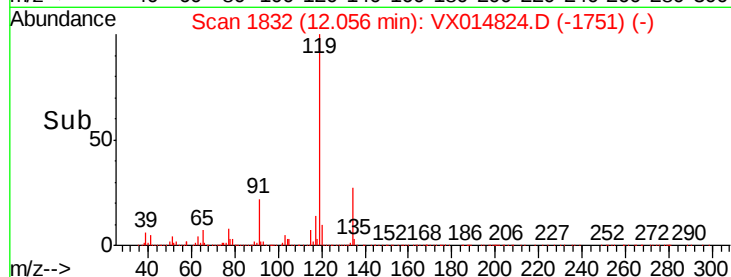
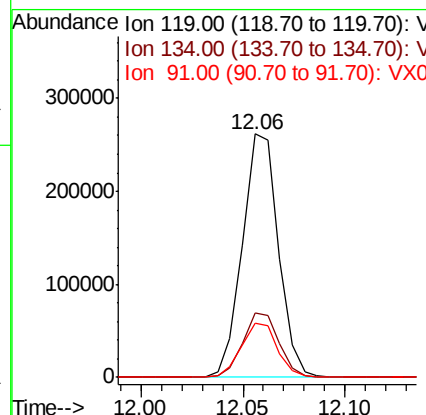
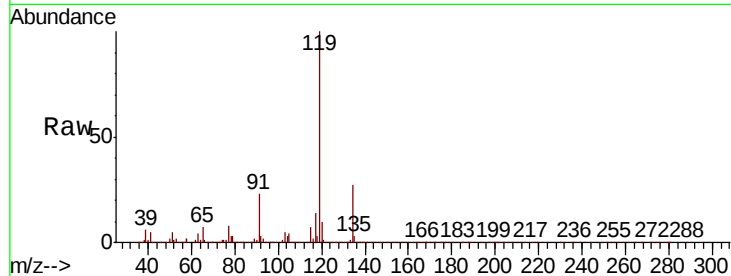




#82
 p-Isopropyltoluene
 Concen: 19.442 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014824.D
 Acq: 05 Feb 2020 15:54

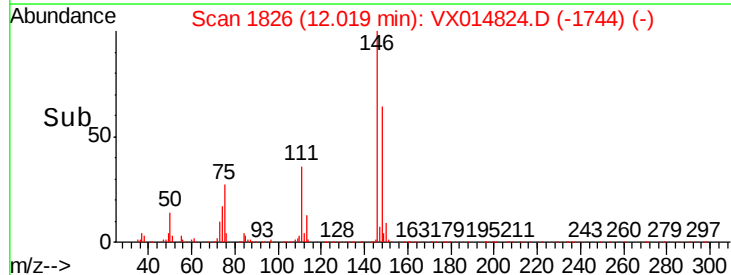
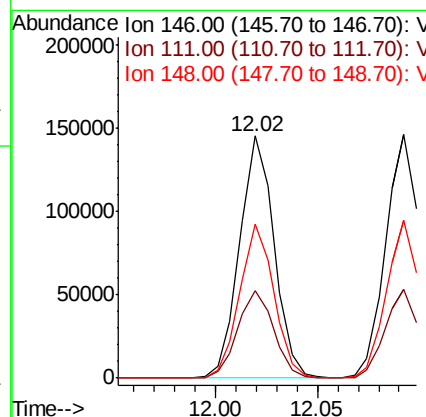
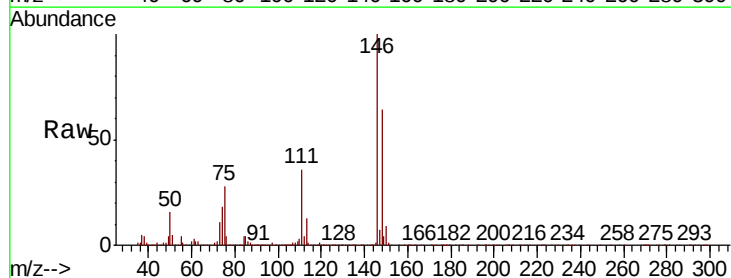
Instrument :
 MSVOA_X
 ClientSampleId :

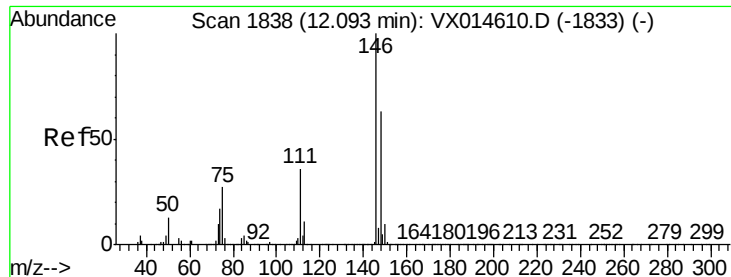
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.4	0.0	53.8
91	22.1	0.0	45.0



#83
 1,3-Dichlorobenzene
 Concen: 19.653 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014824.D
 Acq: 05 Feb 2020 15:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.3	57.9
148	63.0	32.2	96.6

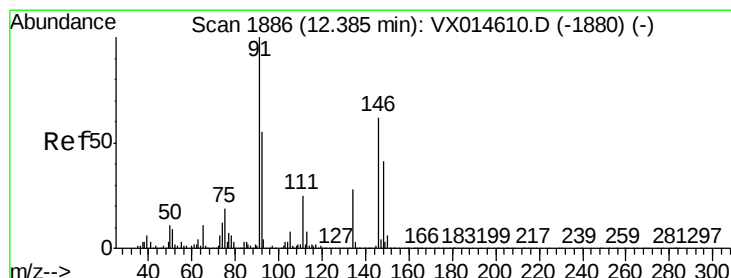
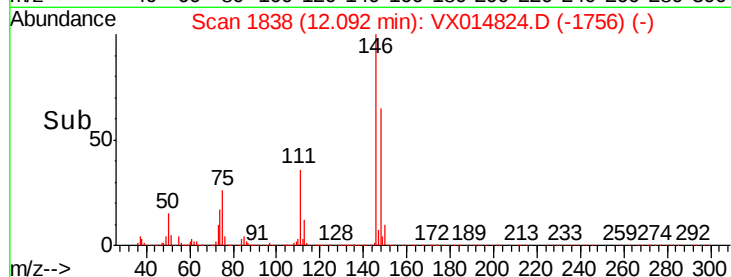
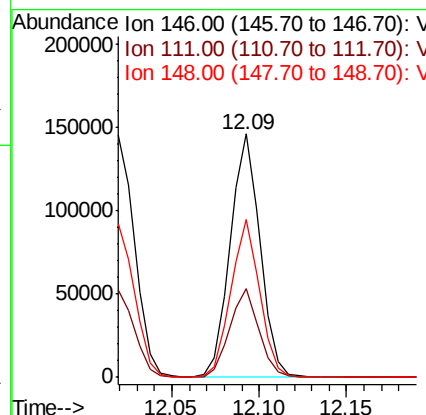
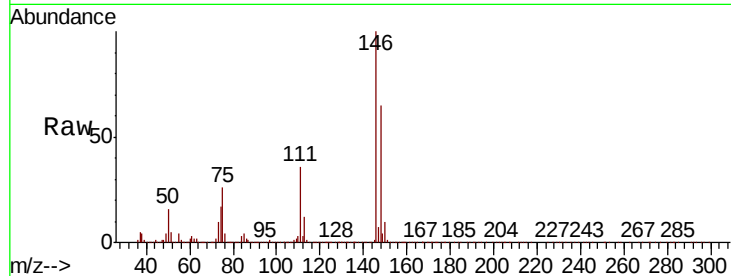




#84
 1,4-Dichlorobenzene
 Concen: 20.118 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014824.D
 Acq: 05 Feb 2020 15:54

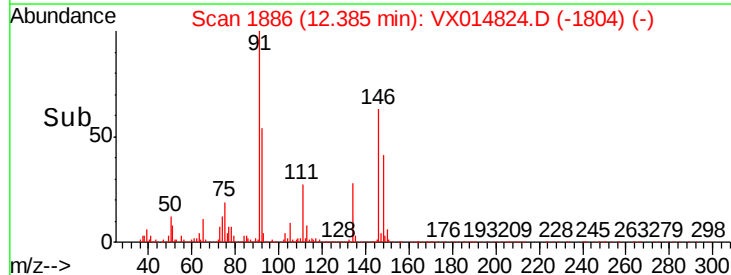
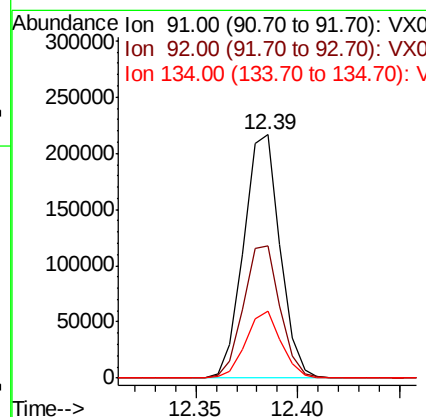
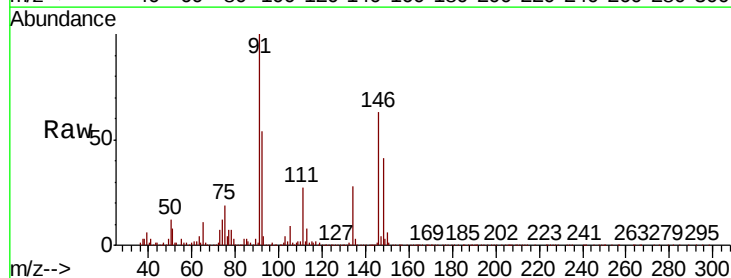
Instrument :
 MSVOA_X
 ClientSampleId :

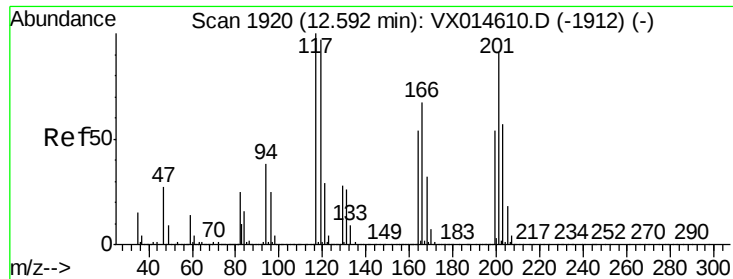
Tot Ion	Ratio	Lower	Upper
146	100		
111	35.2	18.4	55.4
148	62.5	32.0	96.0



#85
 n-Butylbenzene
 Concen: 18.547 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014824.D
 Acq: 05 Feb 2020 15:54

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.8	0.0	109.0
134	26.6	0.0	54.0

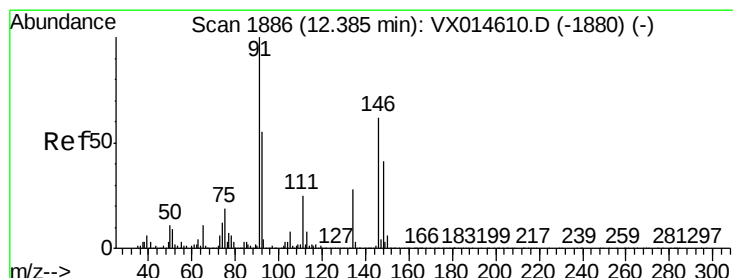
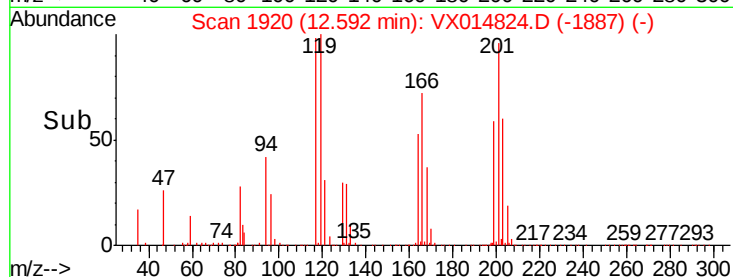
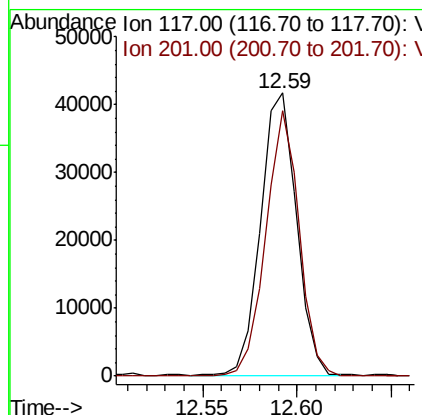
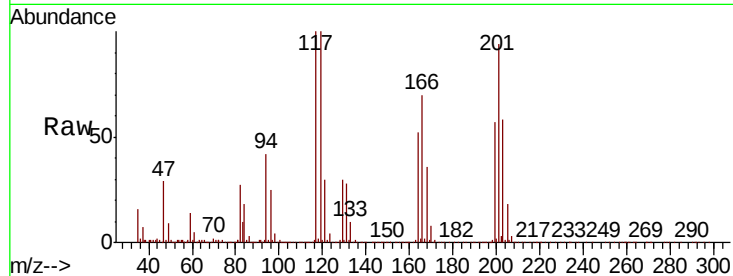




#86
Hexachloroethane
Concen: 18.500 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

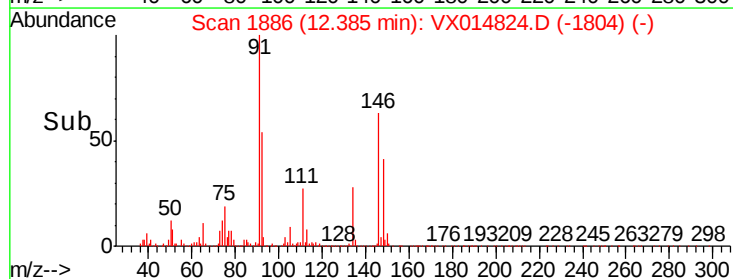
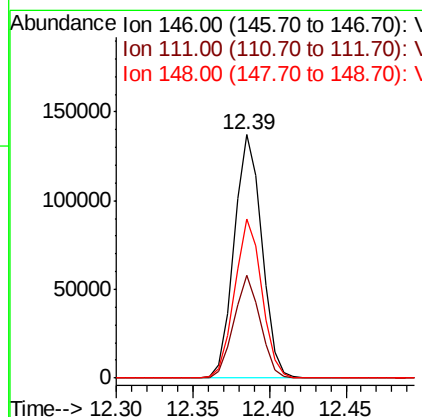
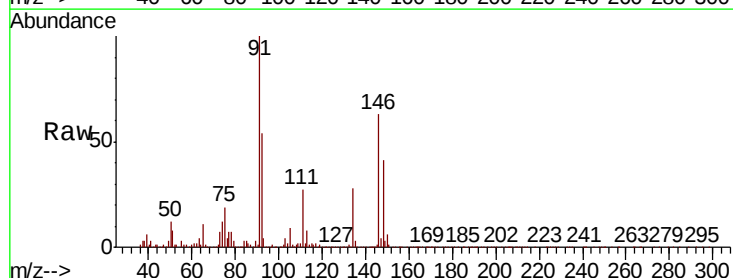
Instrument :
MSVOA_X
ClientSampled :

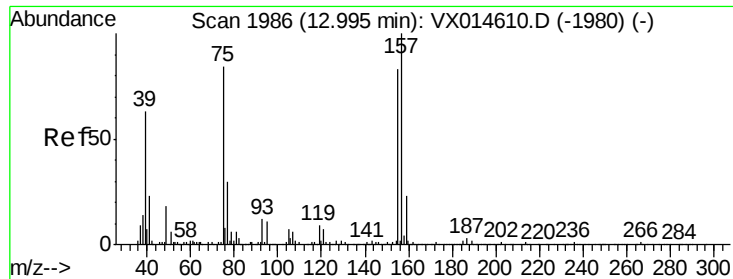
Tot Ion:117 Resp: 54779
Ion Ratio Lower Upper
117 100
201 87.6 44.8 134.3



#87
1,2-Dichlorobenzene
Concen: 19.592 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

Tgt Ion:146 Resp: 171550
Ion Ratio Lower Upper
146 100
111 39.9 20.1 60.2
148 64.4 32.0 96.2





#88

1,2-Dibromo-3-Chloropropane

Concen: 19.160 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

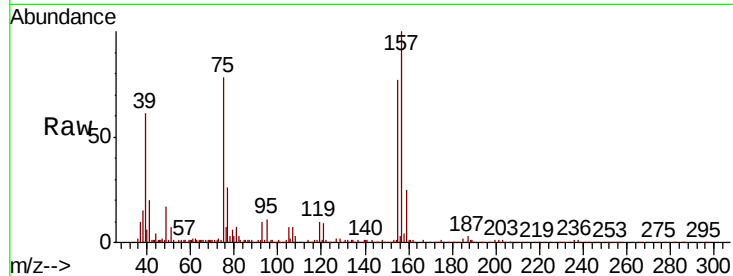
Tot Ion: 75 Resp: 25847

Ion Ratio Lower Upper

75 100

155 96.3 73.8 110.6

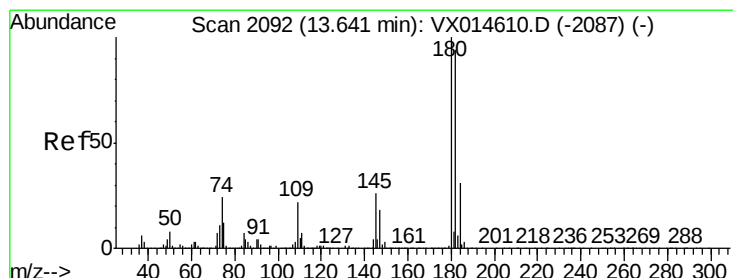
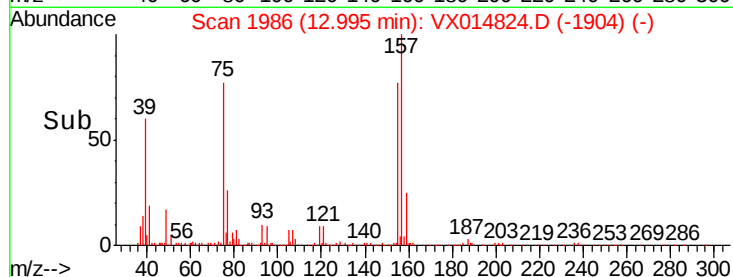
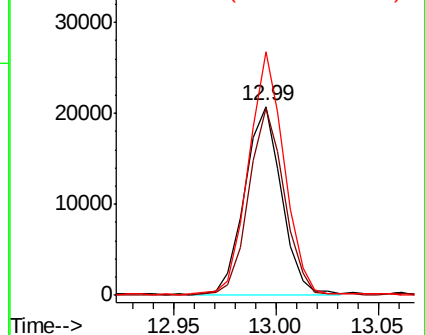
157 124.3 95.0 142.4



Abundance Ion 75.00 (74.70 to 75.70): VX014610.D (-1980) (-)

Ion 155.00 (154.70 to 155.70): VX014610.D (-1980) (-)

Ion 157.00 (156.70 to 157.70): VX014610.D (-1980) (-)



#89

1,2,4-Trichlorobenzene

Concen: 19.459 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014824.D

Acq: 05 Feb 2020 15:54

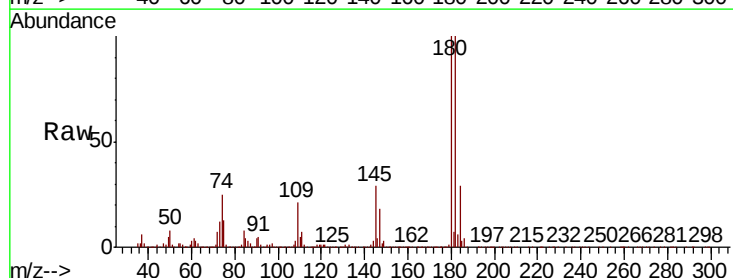
Tgt Ion: 180 Resp: 112461

Ion Ratio Lower Upper

180 100

182 97.7 76.4 114.6

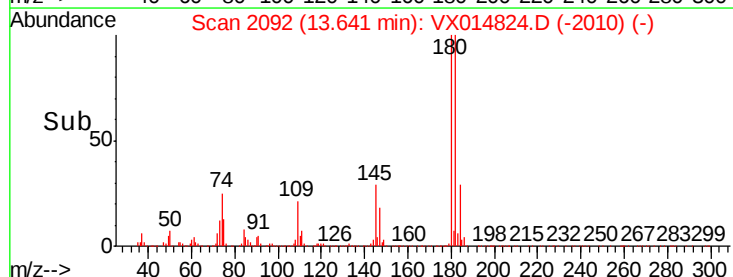
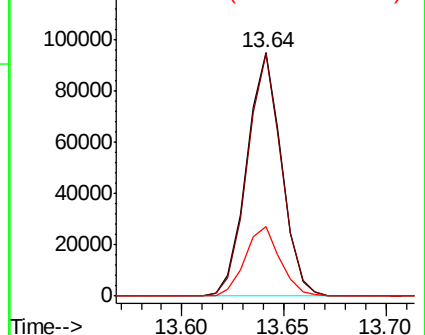
145 28.7 21.9 32.9

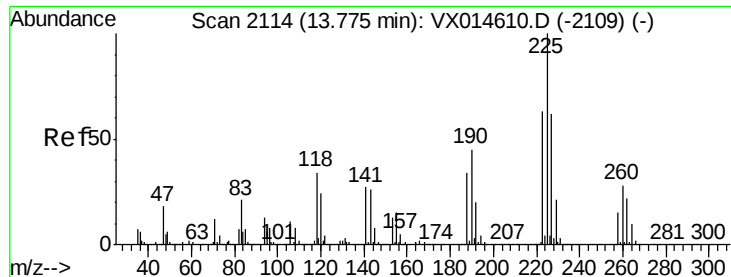


Abundance Ion 180.00 (179.70 to 180.70): VX014610.D (-2087) (-)

Ion 182.00 (181.70 to 182.70): VX014610.D (-2087) (-)

Ion 145.00 (144.70 to 145.70): VX014610.D (-2087) (-)

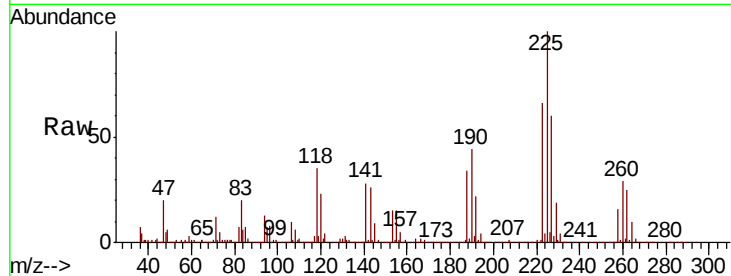




#90
Hexachlorobutadiene
Concen: 19.256 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.1	0.0	127.4
227	61.1	0.0	122.8

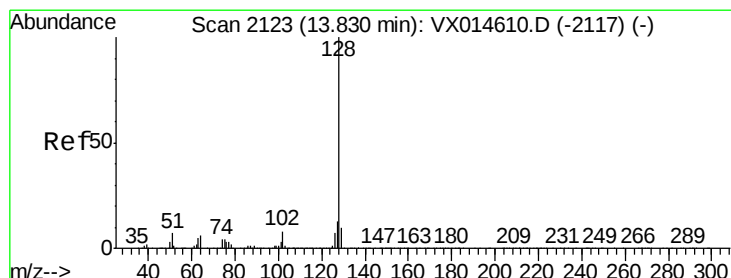
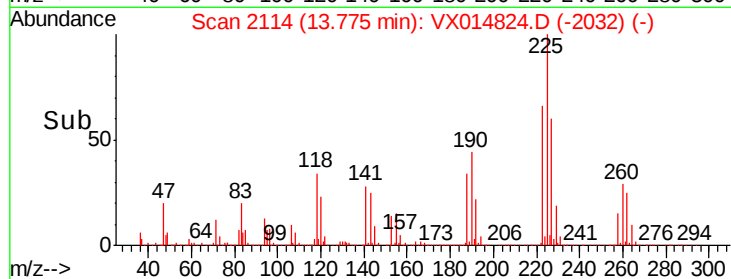
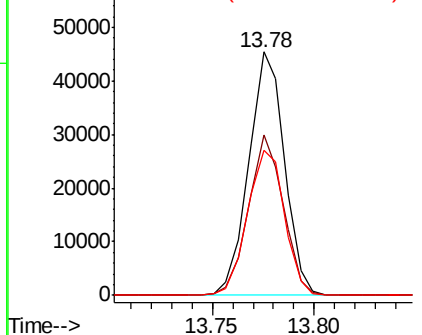


Abundance

Ion 225.00 (224.70 to 225.70): V

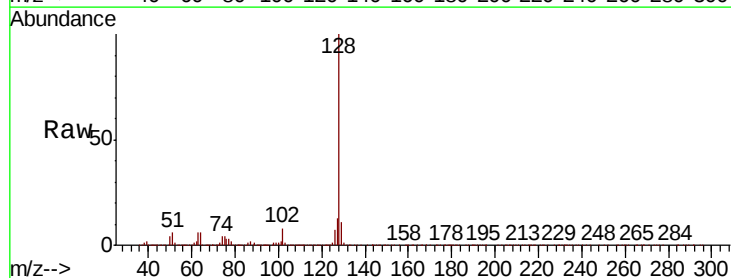
Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#91
Naphthalene
Concen: 19.767 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014824.D
Acq: 05 Feb 2020 15:54

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.9	13.3

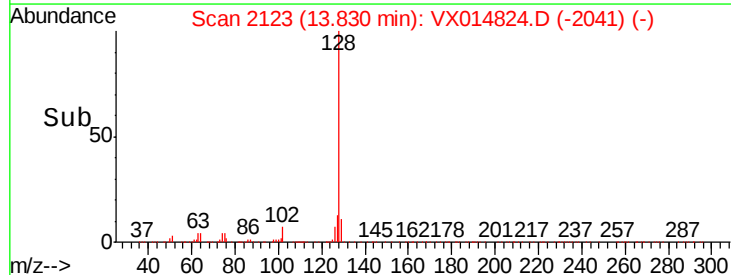
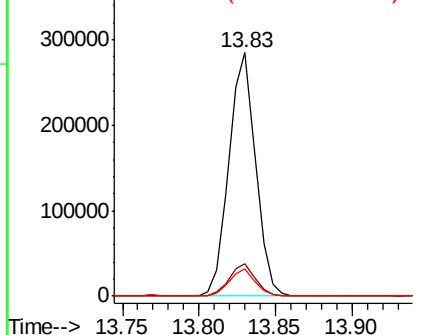


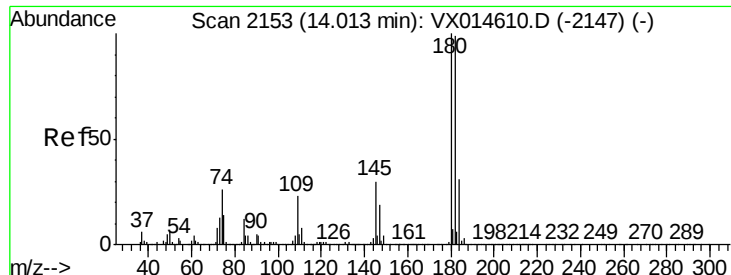
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#92
 1,2,3-Trichlorobenzene
 Concen: 20.063 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX014824.D
 Acq: 05 Feb 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	0.0	192.8
145	29.6	0.0	60.0

