

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
 Data File : VX015611.D
 Acq On : 10 Apr 2020 11:18
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 11 00:18:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	201664	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	1104275	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	1009046	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	473359	30.04	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.13%
60) 4-Bromofluorobenzene	11.12	95	517415	29.96	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.87%
63) Toluene-d8	8.70	98	1296665	30.25	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	168529	17.500	ug/l 98
3) Chloromethane	1.31	50	209524	17.629	ug/l 99
4) Vinyl Chloride	1.39	62	212956	18.625	ug/l 98
5) Bromomethane	1.63	94	133693	21.964	ug/l 99
6) Chloroethane	1.72	64	139278	19.525	ug/l 97
7) Trichlorofluoromethane	1.92	101	313509	19.186	ug/l 94
8) Diethyl Ether	2.17	74	125242	19.921	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	204988	18.962	ug/l 99
10) 1,1-Dichloroethene	2.36	96	198347	18.063	ug/l 93
11) Methyl Iodide	2.49	142	249212	17.078	ug/l 100
12) Methyl Acetate	2.75	43	293963	18.295	ug/l 97
13) Acrolein	2.27	56	227254	108.721	ug/l 95
14) Acrylonitrile	3.11	53	633991	92.164	ug/l 99
15) Acetone	2.42	58	236820	135.390	ug/l 87
16) Carbon Disulfide	2.55	76	555707	17.312	ug/l 99
17) Allyl chloride	2.71	41	438659	17.694	ug/l 97
18) Methylene Chloride	2.83	84	233196	18.915	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	222199	18.706	ug/l 96
20) Diisopropyl ether	3.83	45	844080	18.983	ug/l 92
21) 1,1-Dichloroethane	3.67	63	426086	18.772	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	255766	18.691	ug/l 99
23) tert-Butyl Alcohol	3.00	59	262275	77.514	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	769715	18.880	ug/l 100
25) Chloroform	5.18	83	424080	18.902	ug/l 99
26) Cyclohexane	5.55	56	391666	18.061	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	322960	19.466	ug/l 99
30) 2-Butanone	4.63	43	1067406	107.325	ug/l 99
31) 2,2-Dichloropropane	4.55	77	392493	19.659	ug/l 98
32) 1,1,1-Trichloroethane	5.47	97	385023	19.021	ug/l 98
33) Carbon Tetrachloride	5.75	117	348137	18.873	ug/l 96
34) Benzene	6.11	78	920237	19.245	ug/l 99
35) Methacrylonitrile	5.00	41	210332	18.650	ug/l 97
36) 1,2-Dichloroethane	6.16	62	373253	20.201	ug/l 99
37) Trichloroethene	7.19	130	259158	19.249	ug/l 94
38) Methylcyclohexane	7.44	83	386599	19.008	ug/l 99
39) 1,2-Dichloropropane	7.49	63	241639	18.814	ug/l 97
40) Dibromomethane	7.64	93	163851	19.167	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	342147	18.416	ug/l	99
42) Vinyl Acetate	3.78	43	3737999	99.194	ug/l	100
43) Ethyl Acetate	4.80	43	376745	17.415	ug/l	96
44) Isopropyl Acetate	6.41	43	642262	18.447	ug/l	100
45) 1,4-Dioxane	7.71	88	99887	311.431	ug/l	98
46) Methyl methacrylate	7.75	41	322717	18.575	ug/l	97
47) n-amyl Acetate	10.88	43	551548	18.373	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	395767	18.453	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	414258	18.713	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	236770	19.300	ug/l	97
51) Ethyl methacrylate	9.16	69	389020	18.437	ug/l	97
52) 1,3-Dichloropropane	9.36	76	417499	19.703	ug/l	99
53) Dibromochloromethane	9.56	129	273507	18.085	ug/l	99
54) 1,2-Dibromoethane	9.65	107	251223	19.084	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	999735	100.321	ug/l	99
56) Bromoform	10.84	173	216294	17.394	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	1854963	96.053	ug/l	100
59) 2-Hexanone	9.47	43	1472670	100.238	ug/l	99
61) Tetrachloroethene	9.32	164	251553	19.395	ug/l	96
62) Toluene	8.76	91	999540	19.557	ug/l	99
64) Chlorobenzene	10.12	112	641242	19.514	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	250980	18.691	ug/l	99
66) Ethyl Benzene	10.24	91	1152244	19.735	ug/l	99
67) m/p-Xylenes	10.34	106	871412	39.432	ug/l	97
68) o-Xylene	10.68	106	419942	19.441	ug/l	99
69) Styrene	10.70	104	731162	19.429	ug/l	99
70) Isopropylbenzene	11.00	105	1145074	19.997	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	353470	19.045	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	417657	24.050	ug/l	89
73) Bromobenzene	11.24	156	299070	19.456	ug/l	96
74) n-propylbenzene	11.34	91	1307500	19.907	ug/l	99
75) 2-Chlorotoluene	11.40	91	777983	19.475	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	978559	19.900	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	123581	16.513	ug/l	89
78) 4-Chlorotoluene	11.50	91	926510	20.048	ug/l	99
79) tert-butylbenzene	11.76	119	948896	19.307	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	977796	19.629	ug/l	99
81) sec-Butylbenzene	11.93	105	1115180	19.780	ug/l	100
82) p-Isopropyltoluene	12.05	119	1061844	19.983	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	534854	19.351	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	555875	20.153	ug/l	99
85) n-Butylbenzene	12.37	91	935505	19.752	ug/l	100
86) Hexachloroethane	12.58	117	175477	17.086	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	516876	19.168	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	85339	17.457	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	414333	19.074	ug/l	98
90) Hexachlorobutadiene	13.77	225	192397	16.813	ug/l	97
91) Naphthalene	13.82	128	1203243	19.129	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	402392	18.647	ug/l	99

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ClientSampleId :

Quant Time: Apr 11 00:18:09 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration

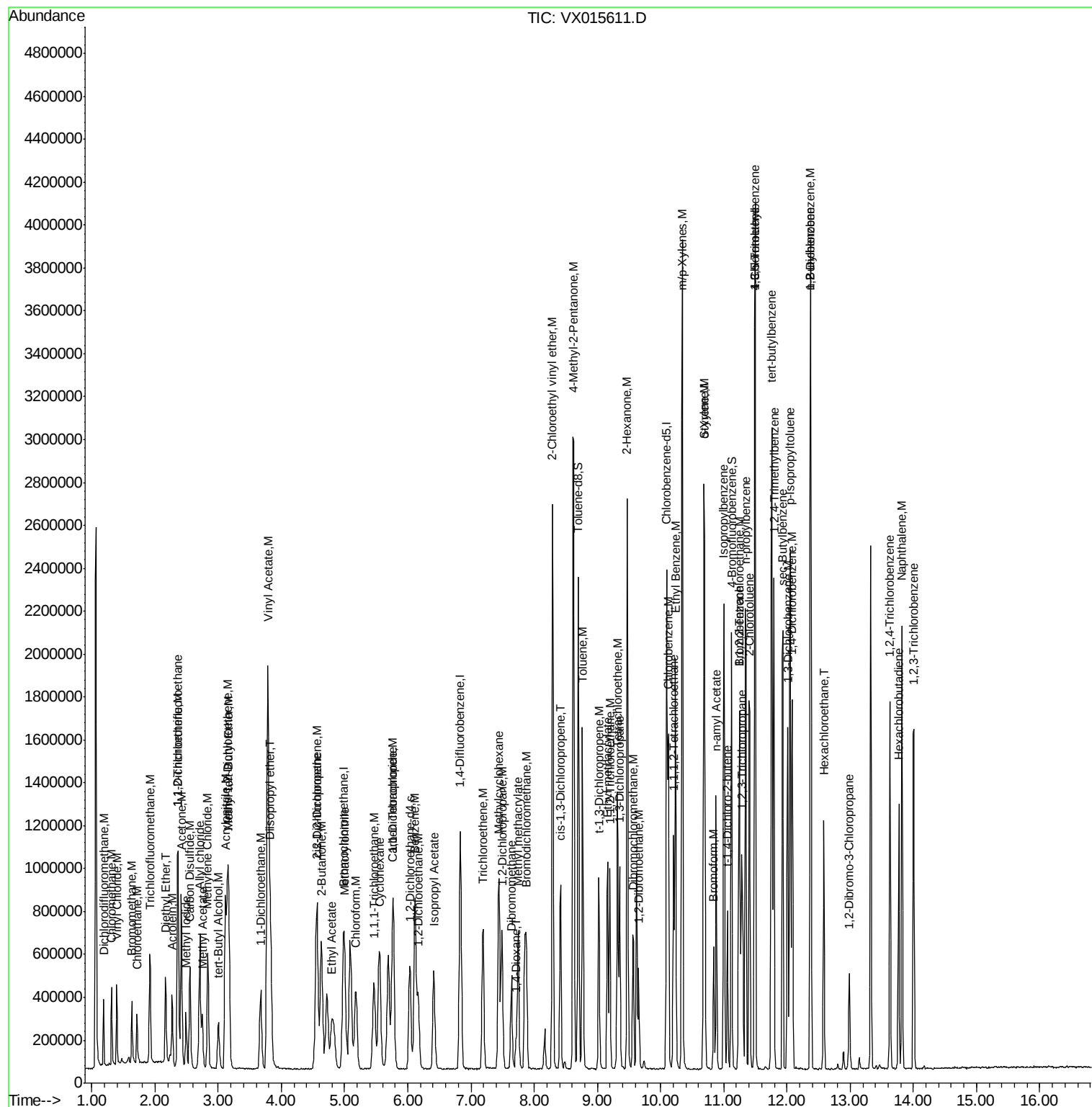
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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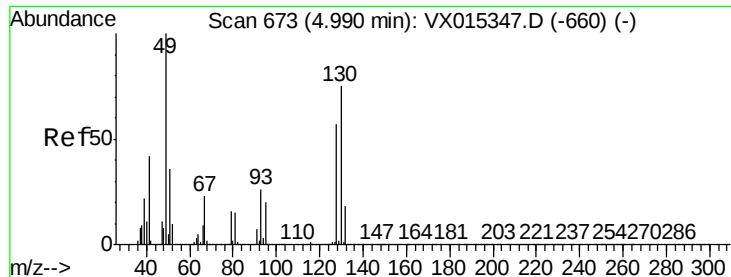
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

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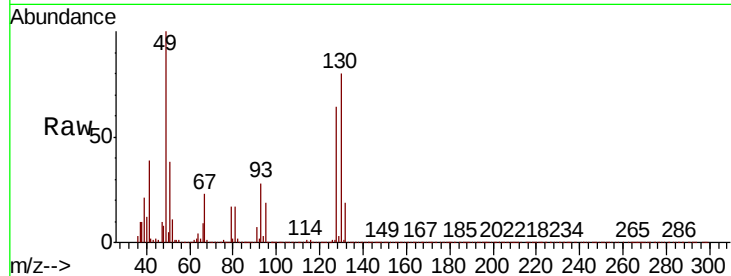


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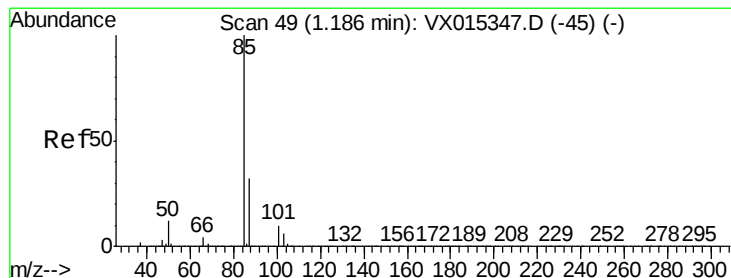
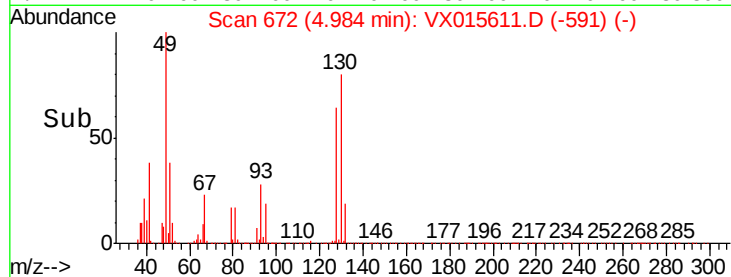
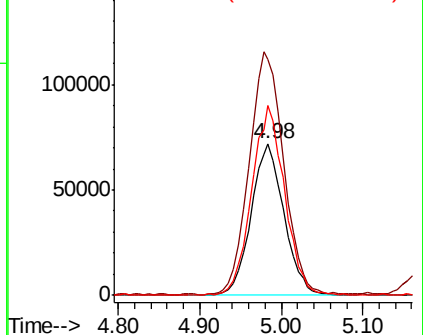
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.98 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
49	167.7	0.0	428.0
130	125.4	0.0	324.5



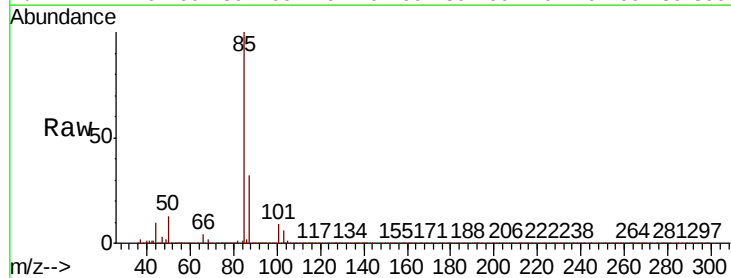
Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VX0
 Ion 130.00 (129.70 to 130.70): V



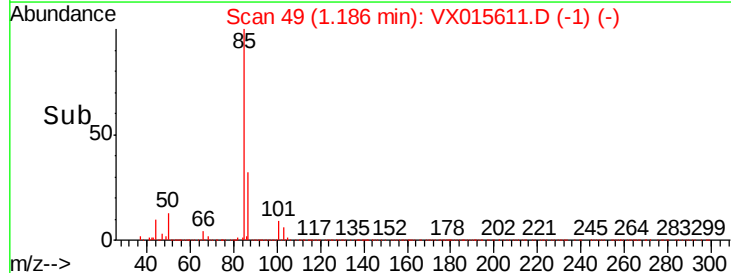
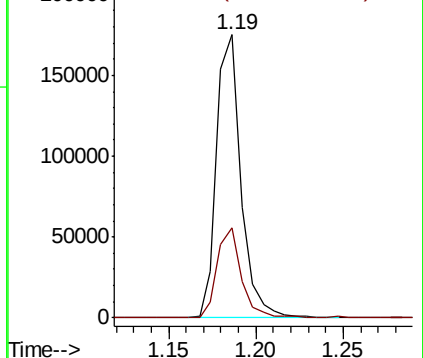
#2

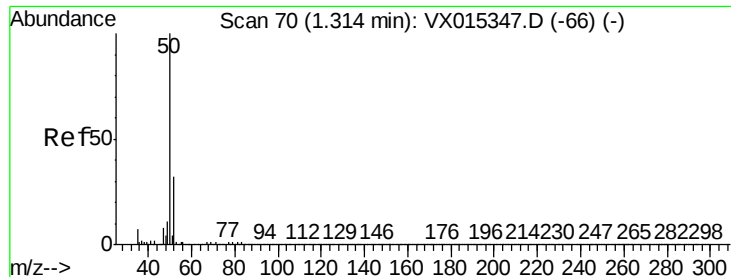
Dichlorodifluoromethane
 Concen: 17.500 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.3	48.9



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

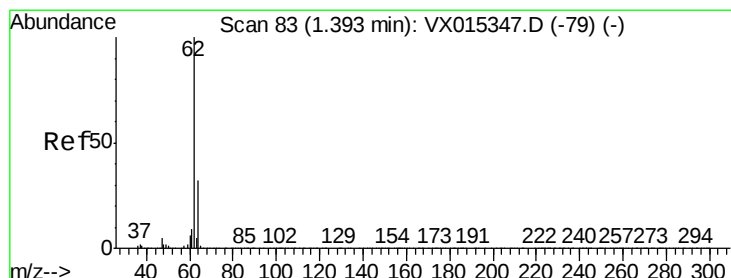
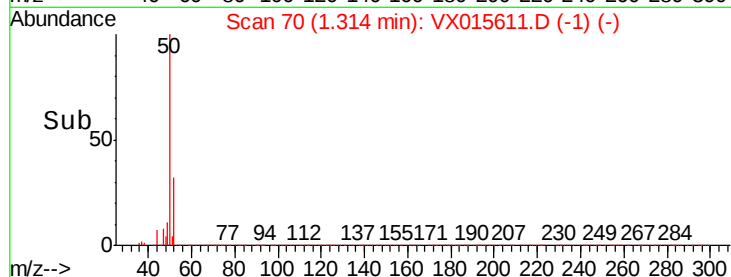
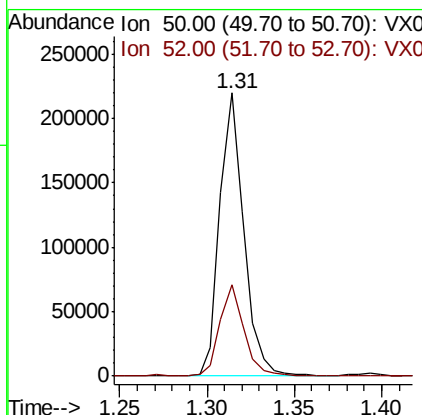
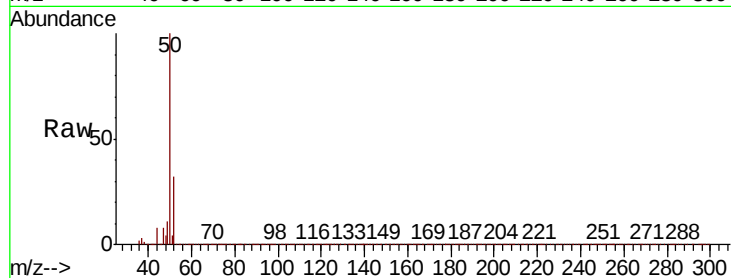




#3
Chloromethane
Concen: 17.629 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

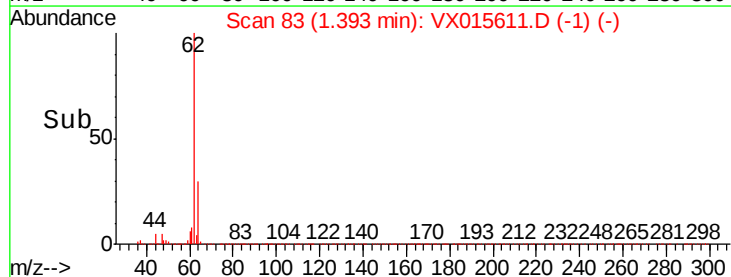
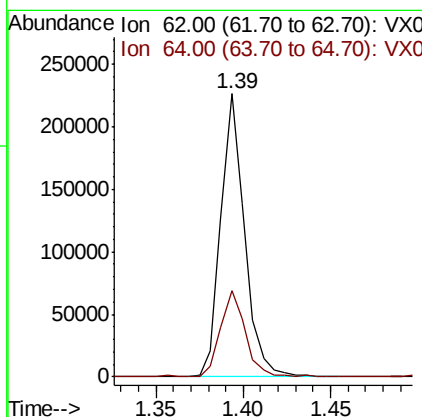
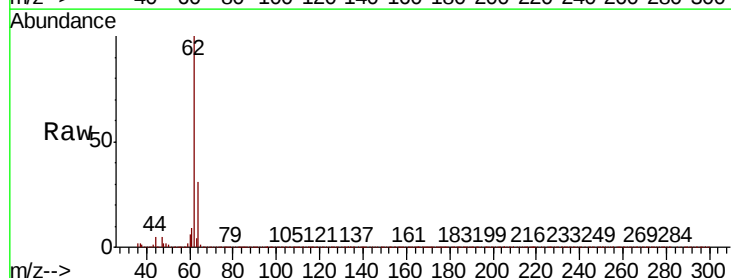
Instrument :
MSVOA_X
ClientSampleId :

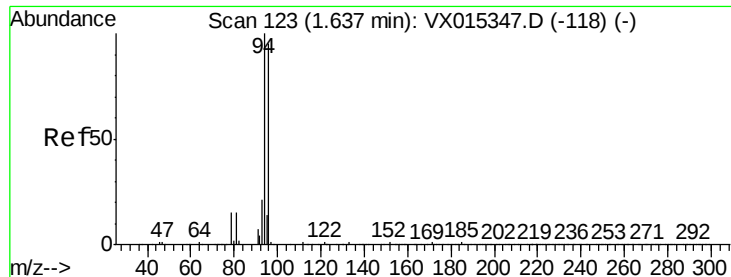
Tot Ion: 50 Resp: 209524
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3



#4
Vinyl Chloride
Concen: 18.625 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion: 62 Resp: 212956
Ion Ratio Lower Upper
62 100
64 30.4 25.4 38.0





#5

Bromomethane

Concen: 21.964 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

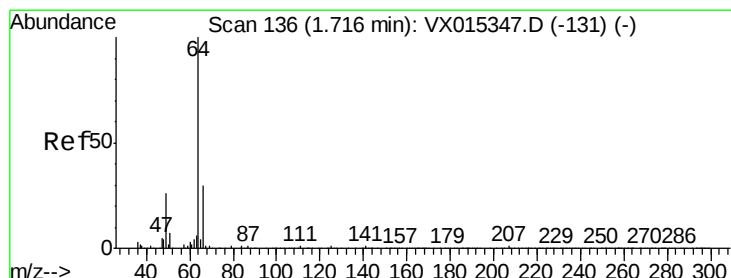
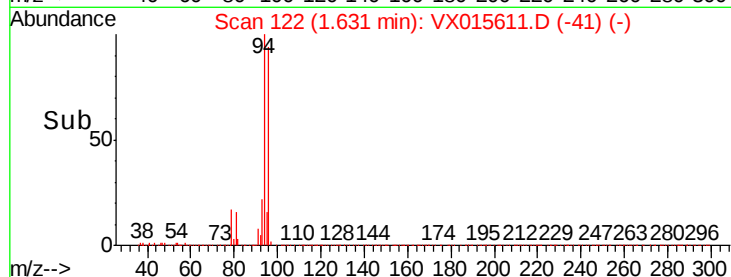
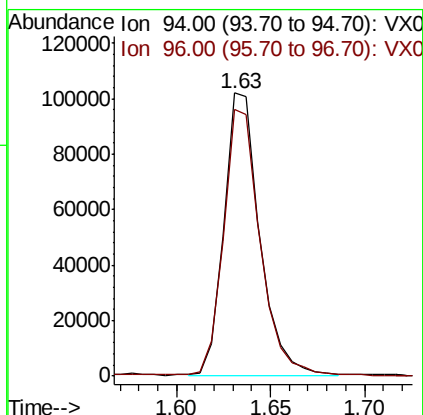
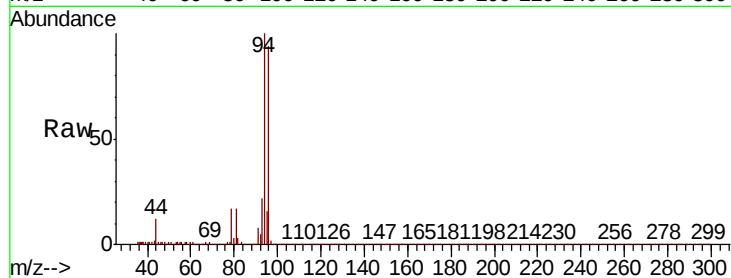
ClientSampleId :

Tot Ion: 94 Resp: 133693

Ion Ratio Lower Upper

94 100

96 94.4 76.1 114.1



#6

Chloroethane

Concen: 19.525 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX015611.D

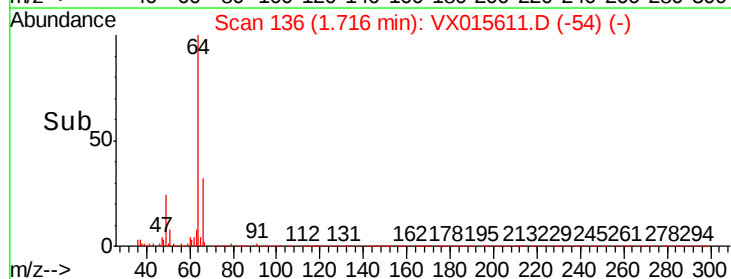
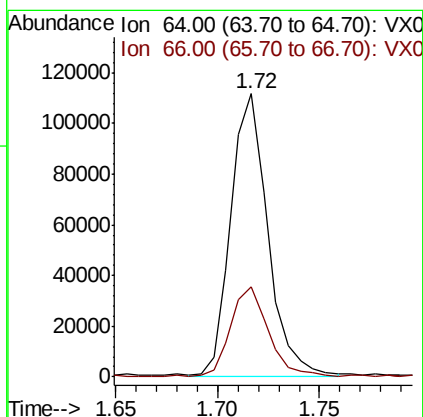
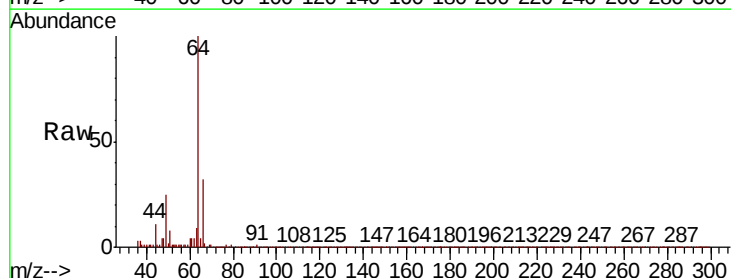
Acq: 10 Apr 2020 11:18

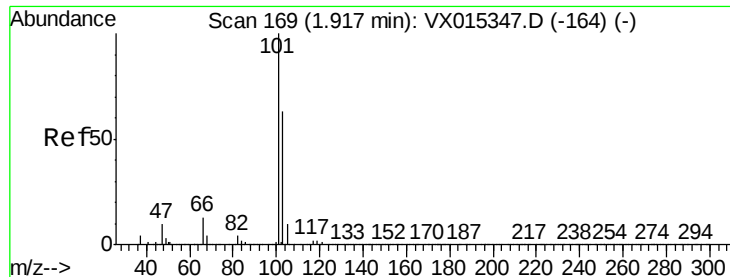
Tgt Ion: 64 Resp: 139278

Ion Ratio Lower Upper

64 100

66 31.8 24.3 36.5



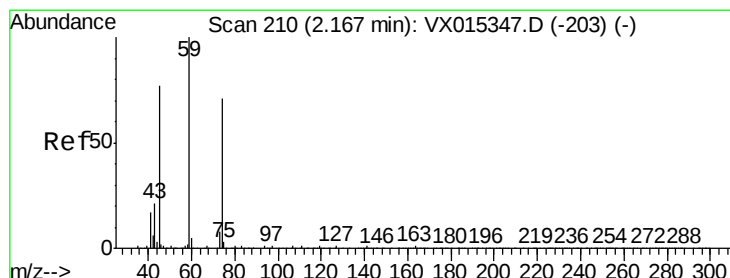
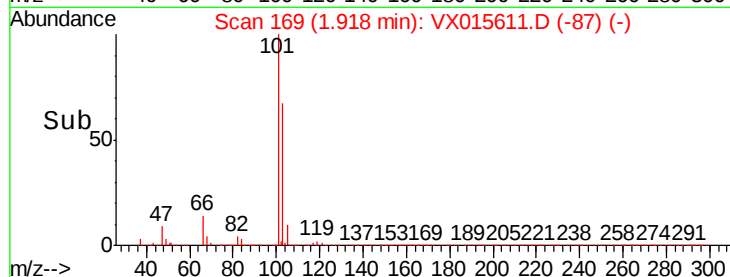
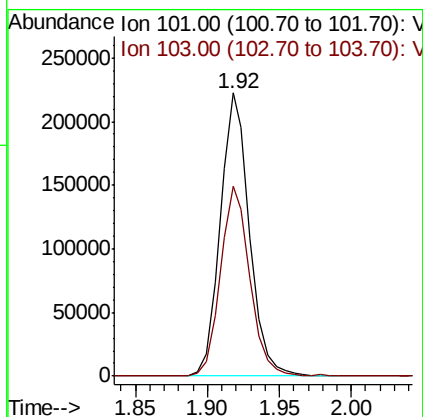
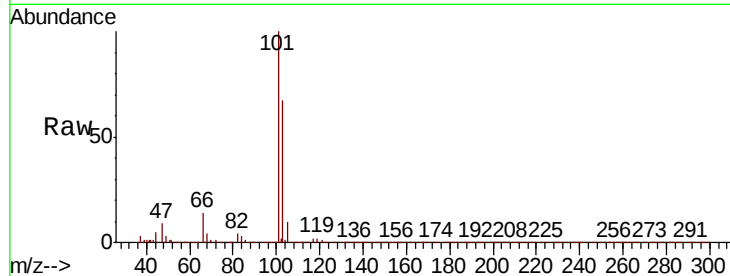


#7

Trichlorofluoromethane
Concen: 19.186 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :

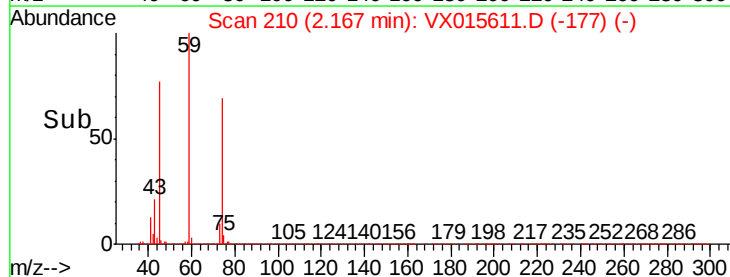
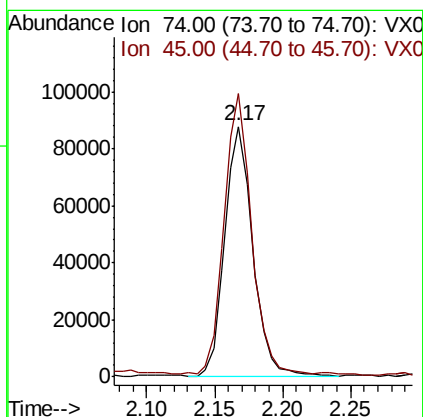
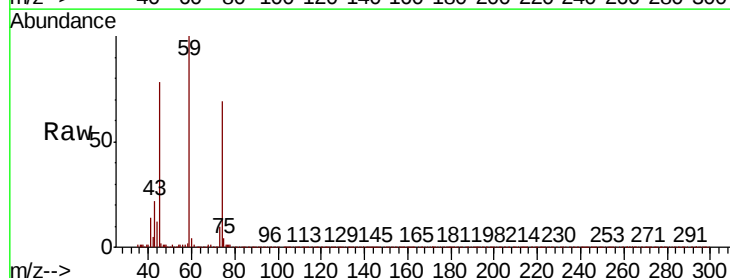
Tot Ion	Ratio	Lower	Upper
101	100		
103	66.9	49.9	74.9

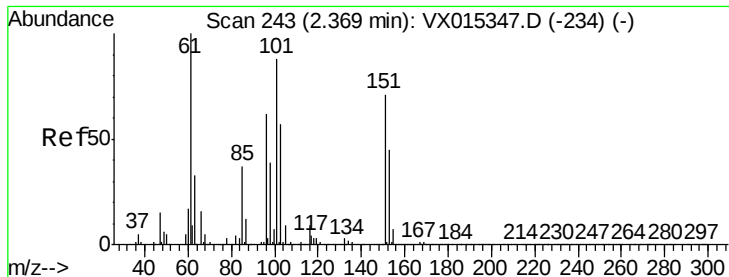


#8

Diethyl Ether
Concen: 19.921 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.4	21.8	196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.962 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015611.D

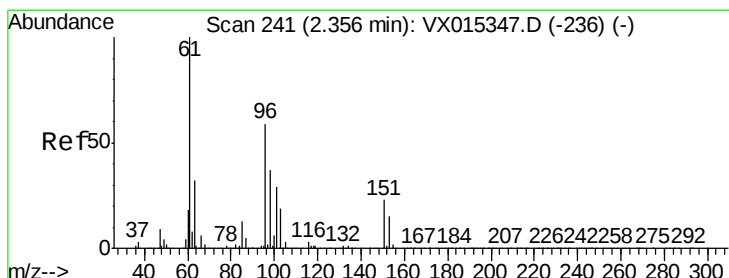
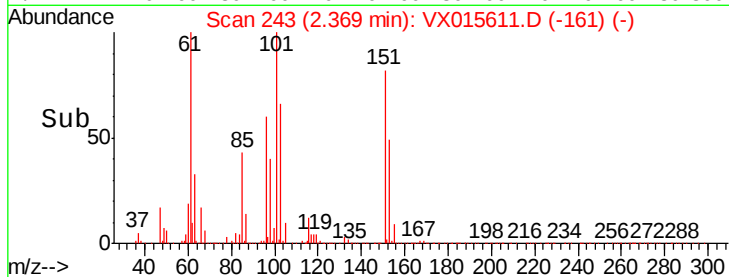
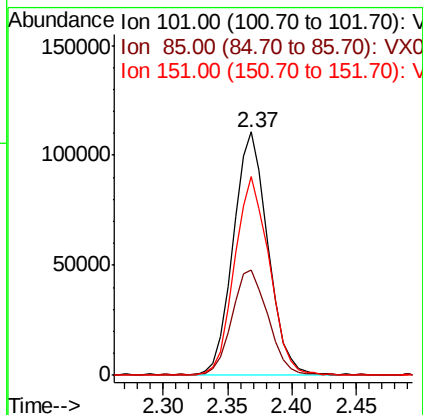
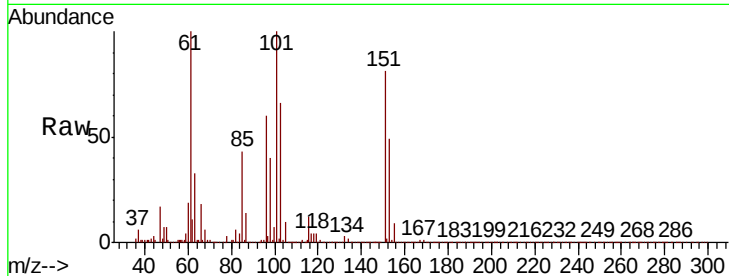
Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	101	Resp:	204988
Ion	Ratio	Lower	Upper
101	100		
85	43.9	0.0	85.8
151	83.1	0.0	164.6



#10

1,1-Dichloroethene

Concen: 18.063 ug/l

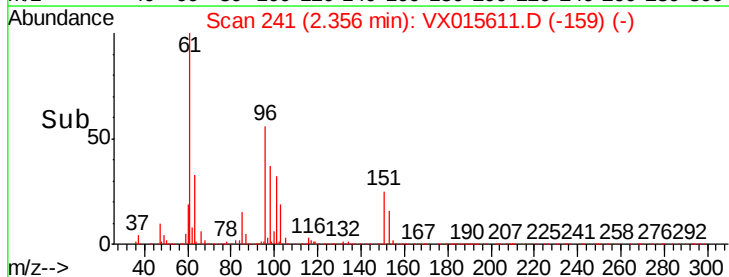
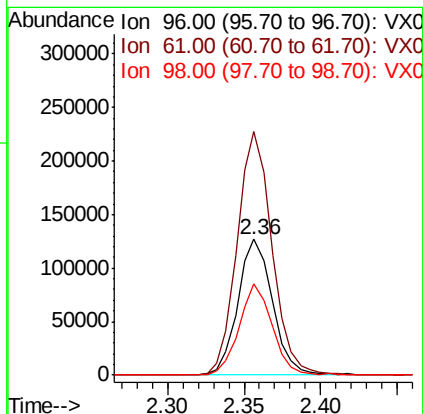
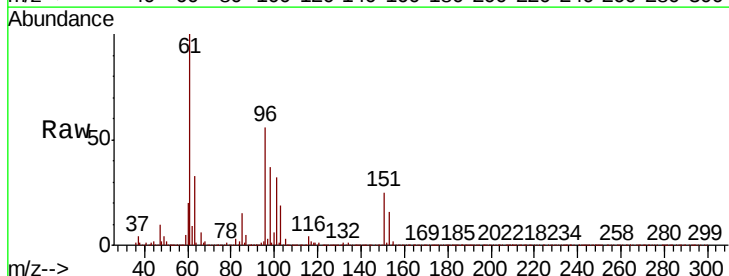
RT: 2.36 min Scan# 241

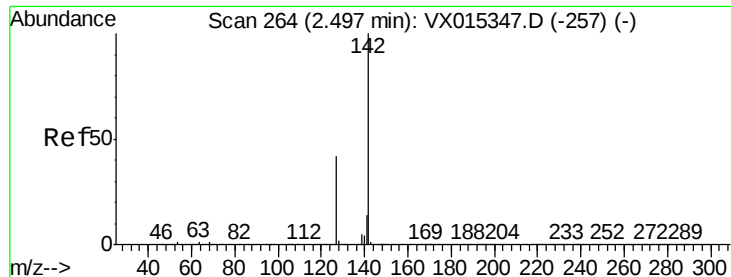
Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Tgt Ion:	96	Resp:	198347
Ion	Ratio	Lower	Upper
96	100		
61	179.2	135.5	203.3
98	66.7	50.2	75.2

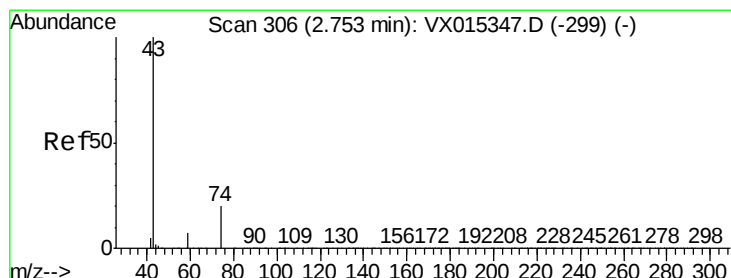
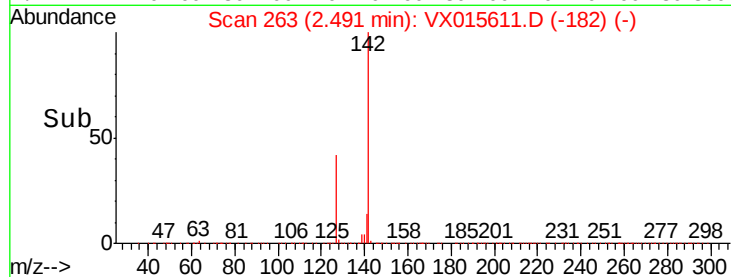
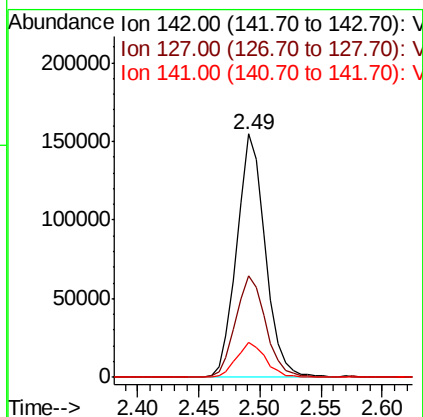
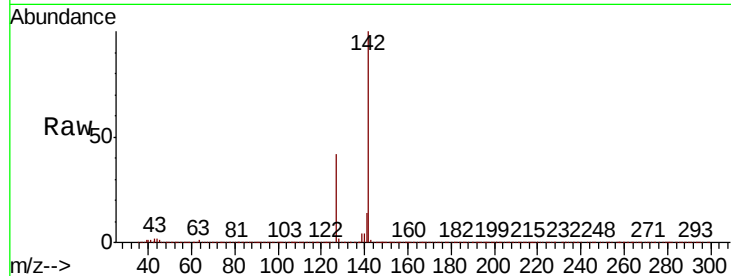




#11
Methvl Iodide
Concen: 17.078 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

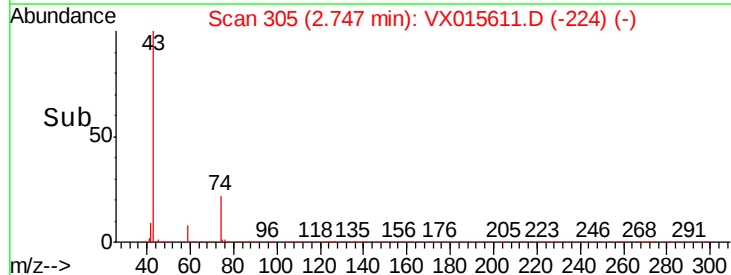
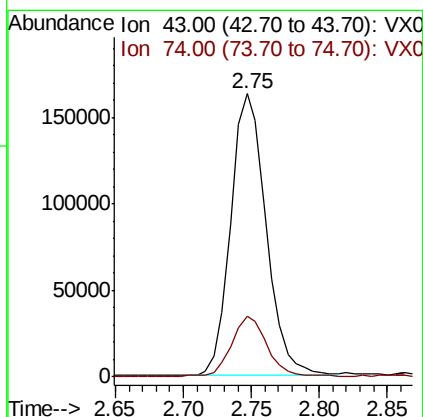
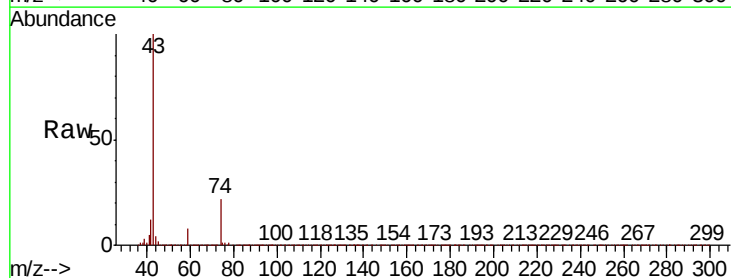
Instrument :
MSVOA_X
ClientSampleId :

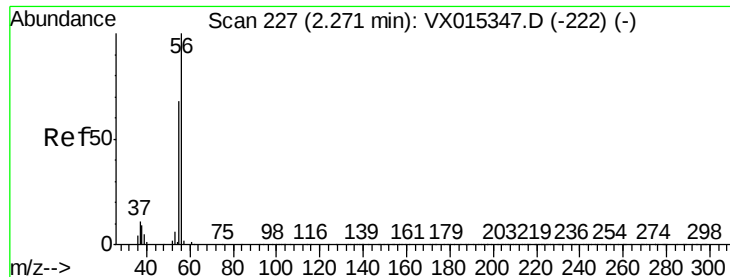
Tot Ion:142 Resp: 249212
Ion Ratio Lower Upper
142 100
127 41.9 21.0 63.0
141 13.8 6.9 20.7



#12
Methyl Acetate
Concen: 18.295 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion: 43 Resp: 293963
Ion Ratio Lower Upper
43 100
74 21.3 15.8 23.6

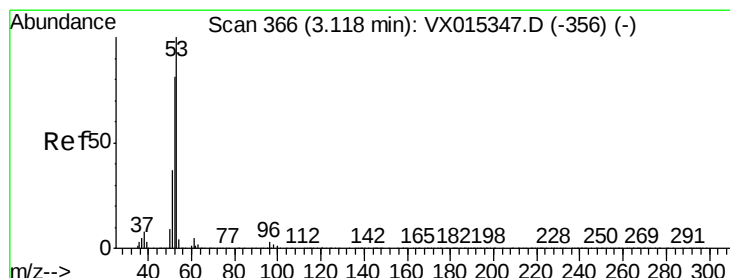
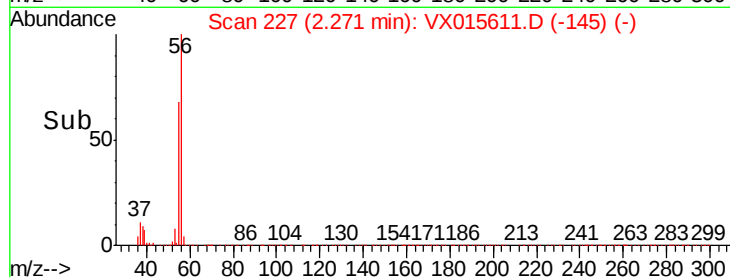
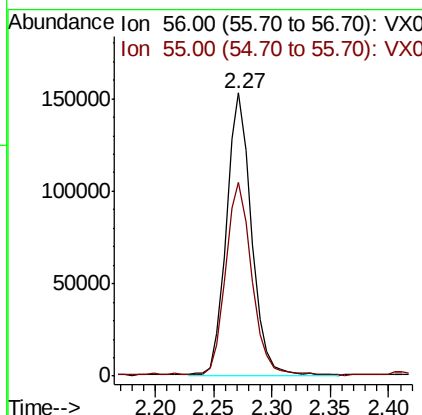
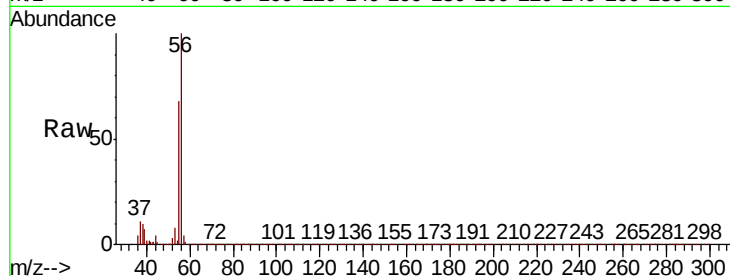




#13
Acrolein
Concen: 108.721 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

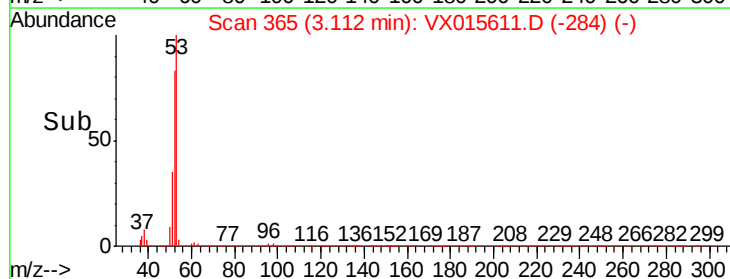
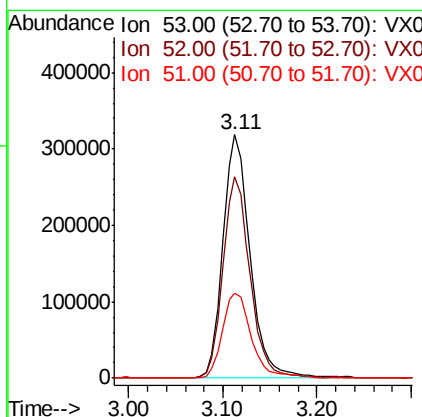
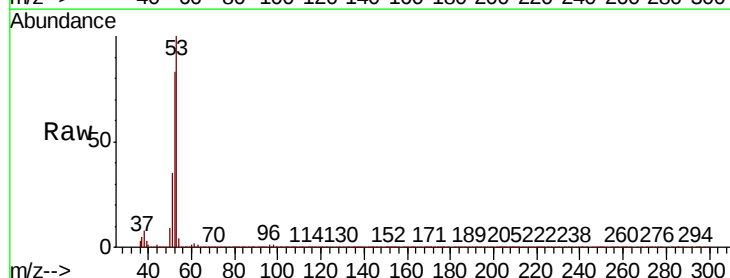
Instrument :
MSVOA_X
ClientSampleId :

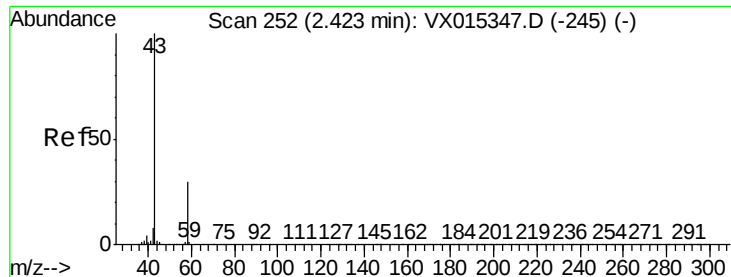
Tot Ion: 56 Resp: 227254
Ion Ratio Lower Upper
56 100
55 70.7 53.5 80.3



#14
Acrylonitrile
Concen: 92.164 ug/l
RT: 3.11 min Scan# 365
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion: 53 Resp: 633991
Ion Ratio Lower Upper
53 100
52 82.8 41.0 123.2
51 37.0 18.4 55.4

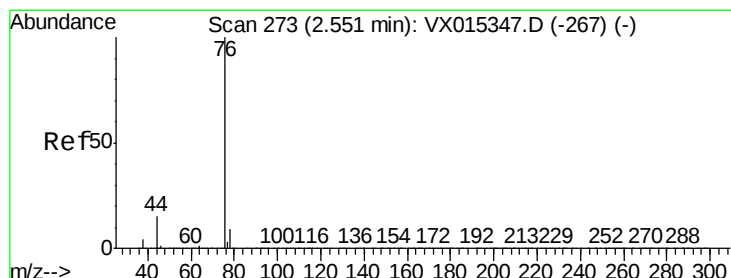
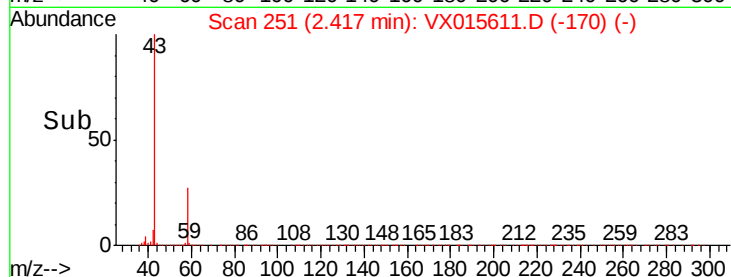
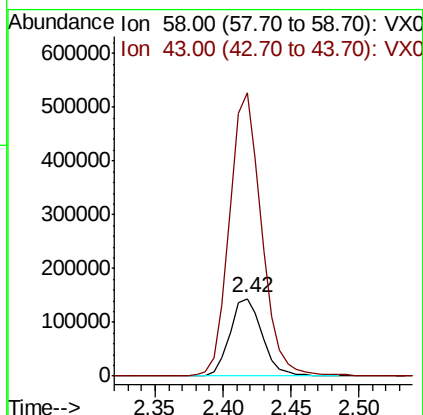
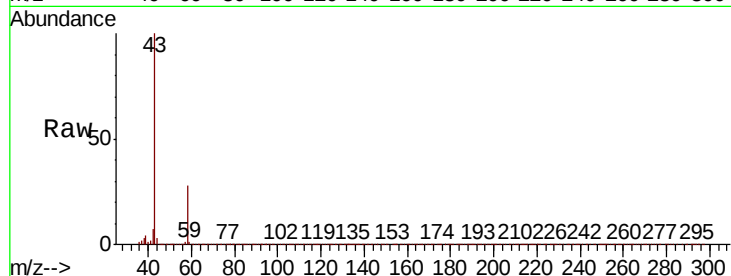




#15
Acetone
Concen: 135.390 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

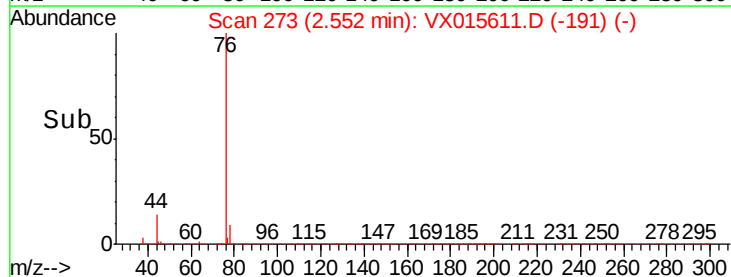
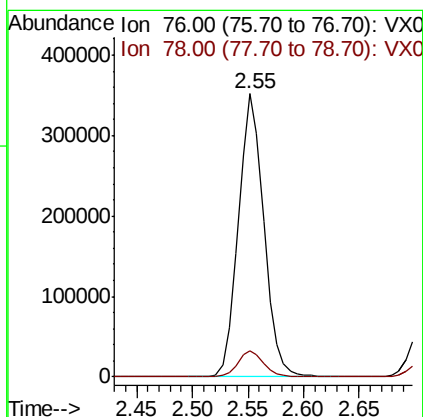
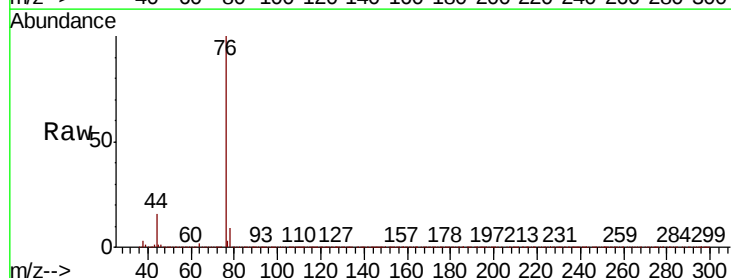
Instrument :
MSVOA_X
ClientSampleId :

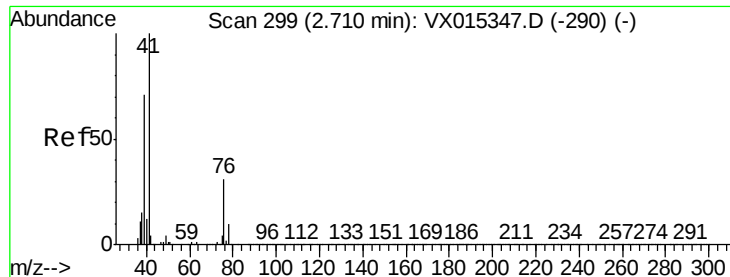
Tot Ion: 58 Resp: 236820
Ion Ratio Lower Upper
58 100
43 363.2 267.8 401.8



#16
Carbon Disulfide
Concen: 17.312 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion: 76 Resp: 555707
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

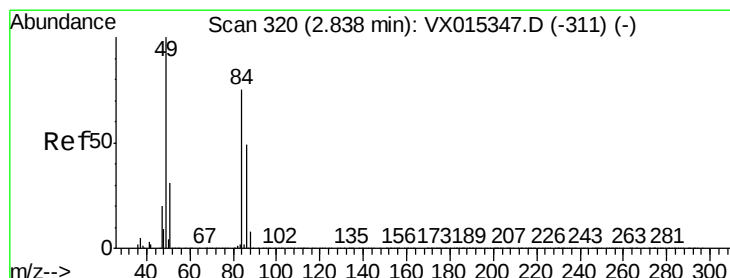
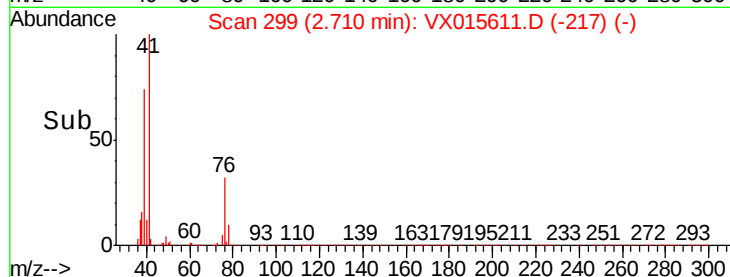
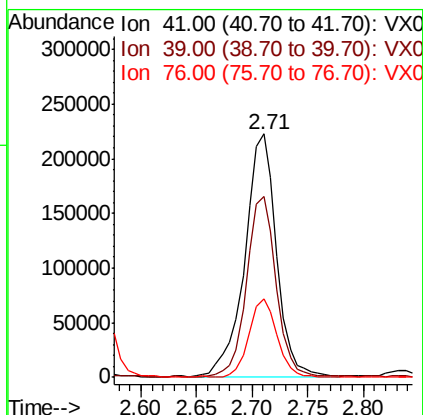
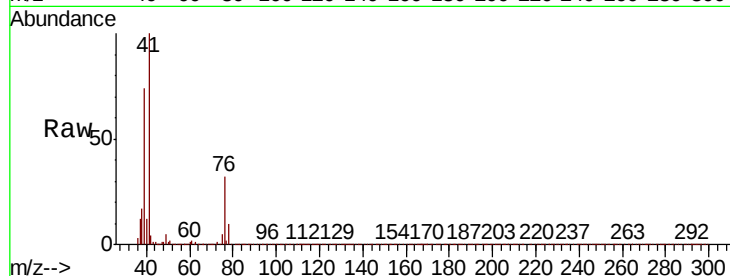




#17
Allvl chloride
Concen: 17.694 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

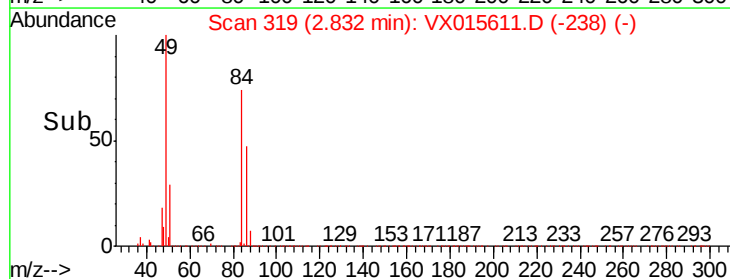
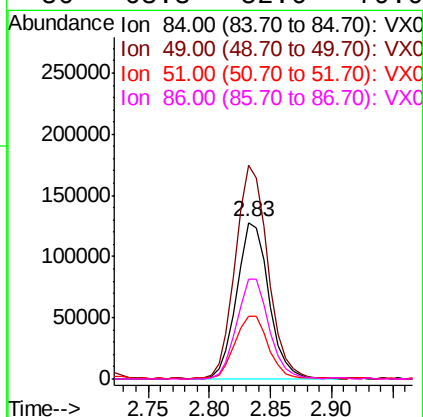
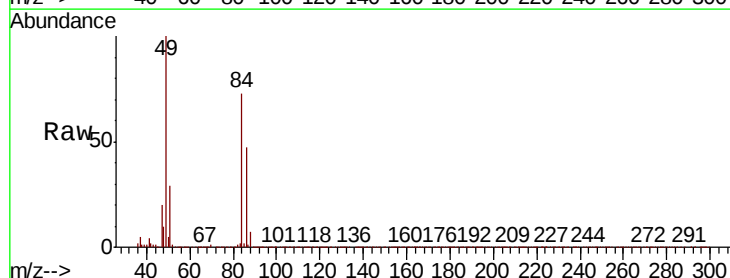
Instrument :
MSVOA_X
ClientSampleId :

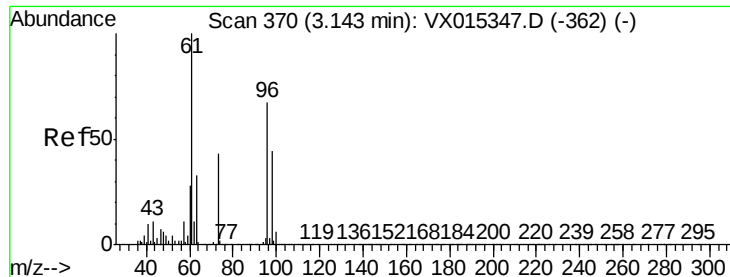
Tot Ion	Ratio	Lower	Upper
41	100		
39	74.4	35.6	106.8
76	32.3	15.4	46.4



#18
Methylene Chloride
Concen: 18.915 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.1	107.0	160.4
51	39.6	33.4	50.0
86	63.3	52.6	79.0





#19

trans-1,2-Dichloroethene

Concen: 18.706 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

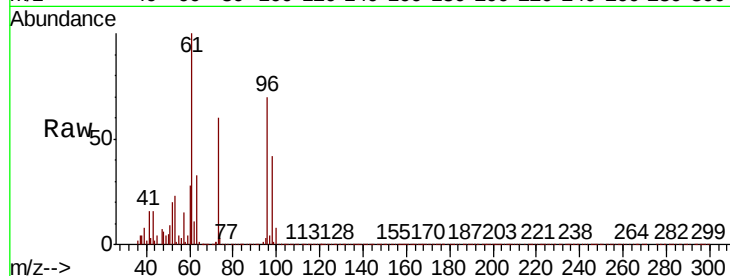
Tot Ion: 96 Resp: 222199

Ion Ratio Lower Upper

96 100

61 143.4 118.2 177.2

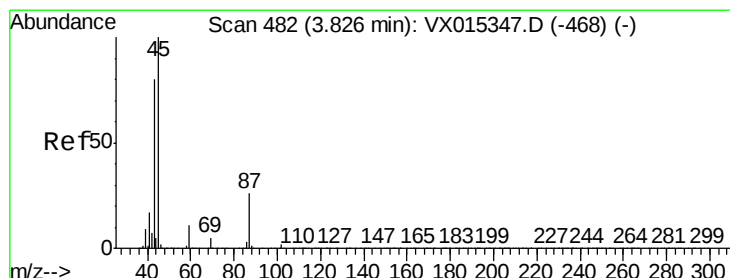
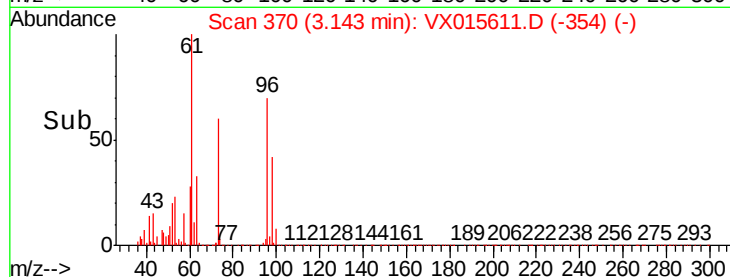
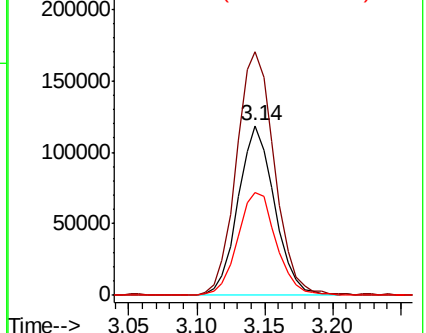
98 60.2 51.9 77.9



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



#20

Diisopropyl ether

Concen: 18.983 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Tgt Ion: 45 Resp: 844080

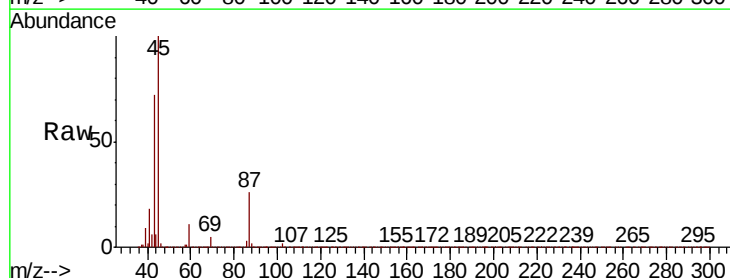
Ion Ratio Lower Upper

45 100

43 70.4 64.4 96.6

87 25.4 20.4 30.6

59 10.7 8.7 13.1

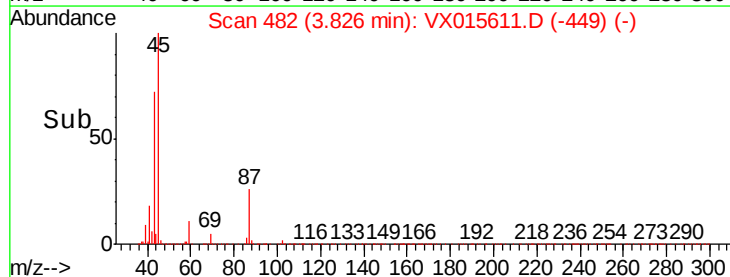
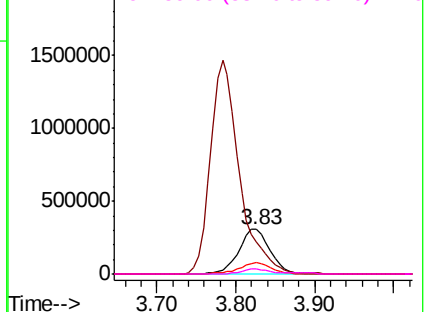


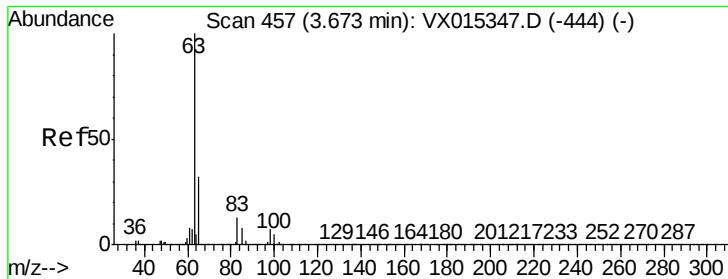
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

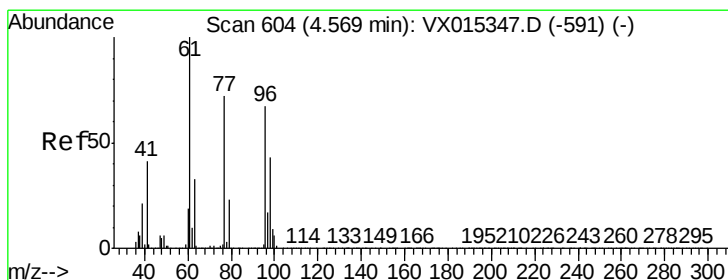
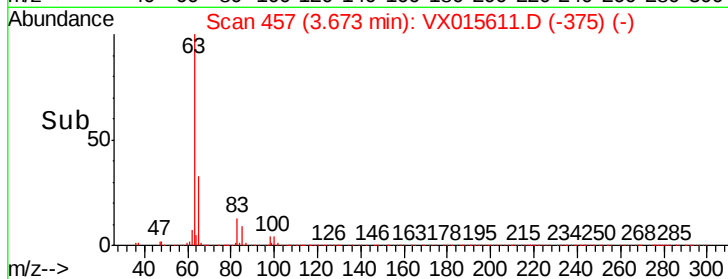
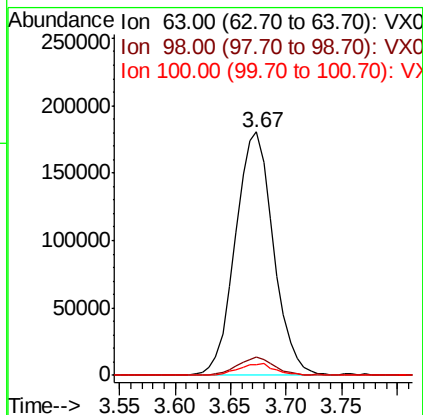
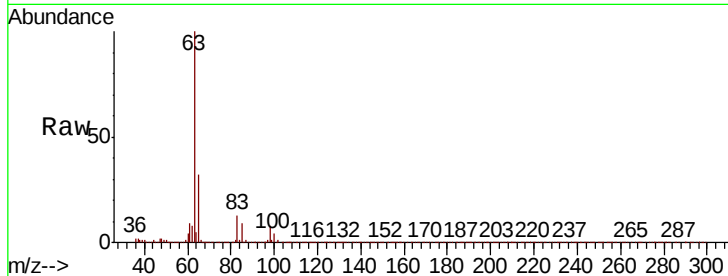




#21
1,1-Dichloroethane
Concen: 18.772 ug/l
RT: 3.67 min Scan# 457
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

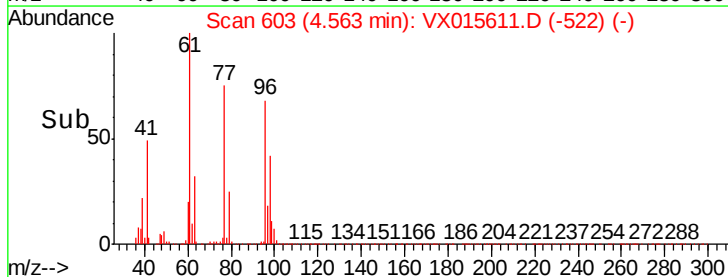
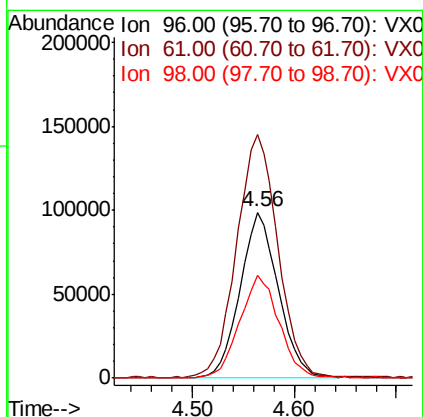
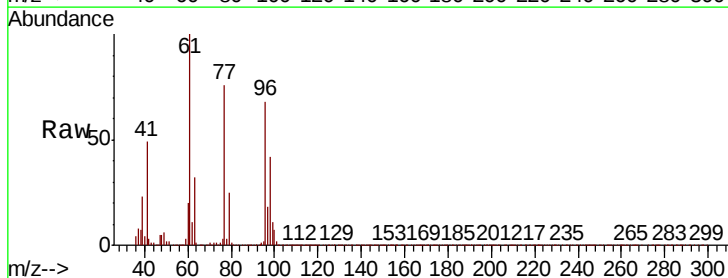
Instrument :
MSVOA_X
ClientSampleId :

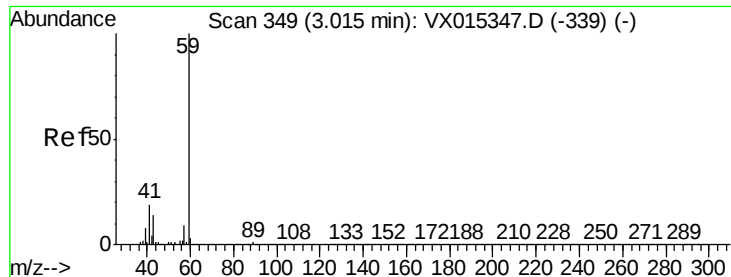
Tot Ion:	63	Resp:	426086
Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.3	9.9
100	4.2	2.3	6.8



#22
cis-1,2-Dichloroethene
Concen: 18.691 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion:	96	Resp:	255766
Ion	Ratio	Lower	Upper
96	100		
61	158.3	127.2	190.8
98	63.9	51.8	77.6



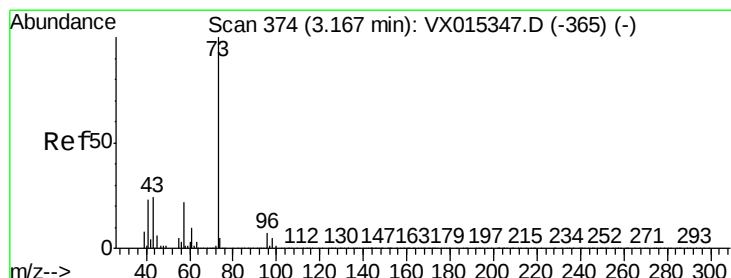
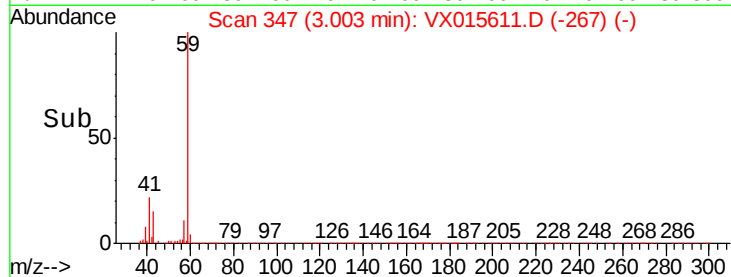
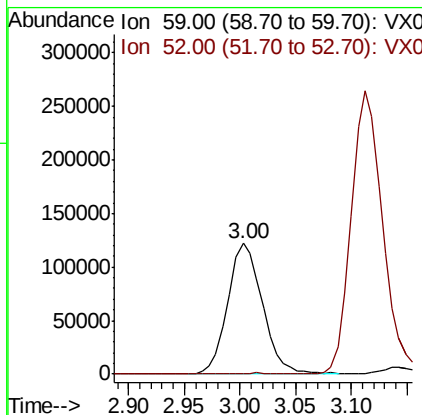
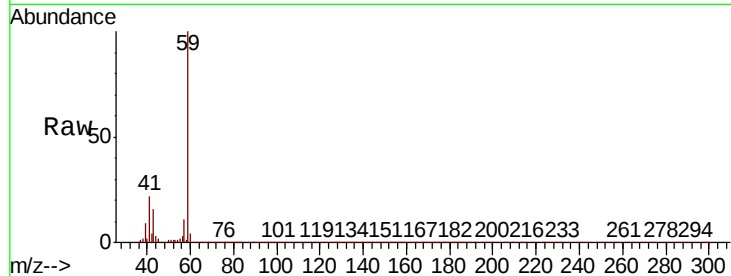


#23

tert-Butyl Alcohol
Concen: 77.514 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :

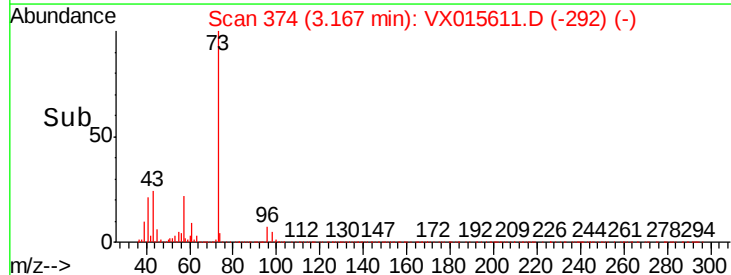
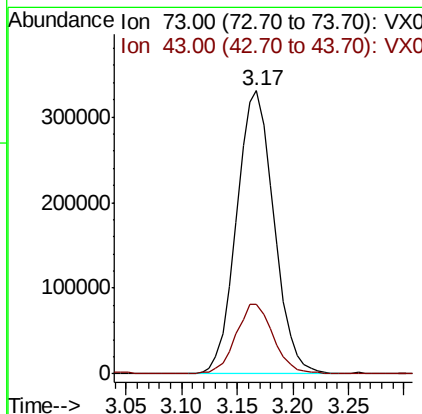
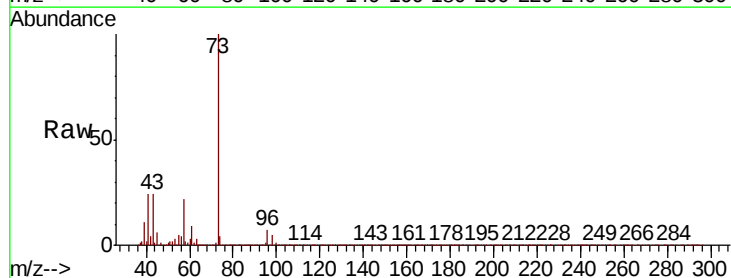
Tot Ion: 59 Resp: 262275
Ion Ratio Lower Upper
59 100
52 0.3 0.2 0.2#

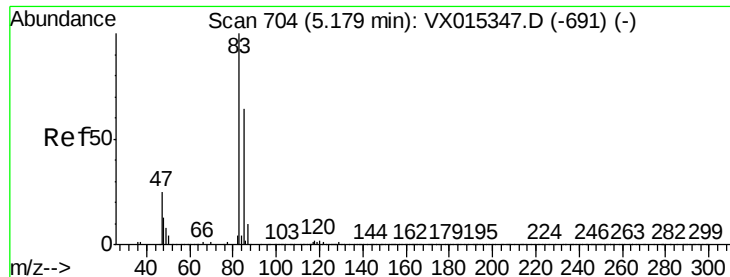


#24

Methyl tert-Butyl Ether
Concen: 18.880 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion: 73 Resp: 769715
Ion Ratio Lower Upper
73 100
43 24.2 19.2 28.8





#25

Chloroform

Concen: 18.902 ug/l

RT: 5.18 min Scan# 704

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

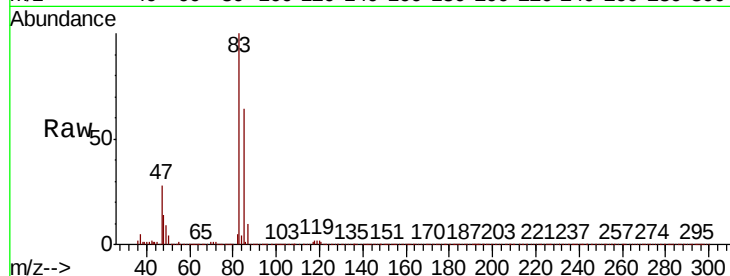
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 424080

Ion Ratio Lower Upper

83 100

85 64.0 50.5 75.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

150000

100000

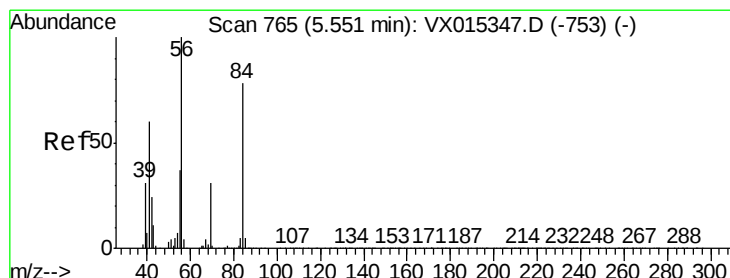
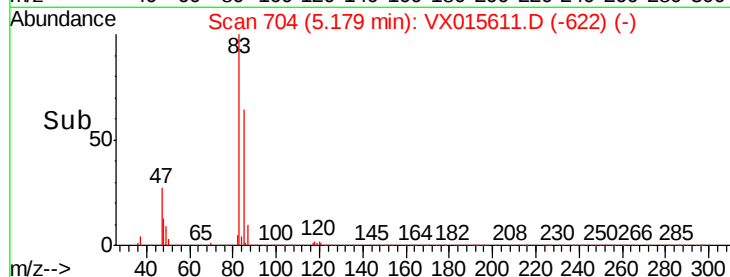
50000

0

5.18

5.10 5.20 5.30

Time-->



#26

Cyclohexane

Concen: 18.061 ug/l

RT: 5.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

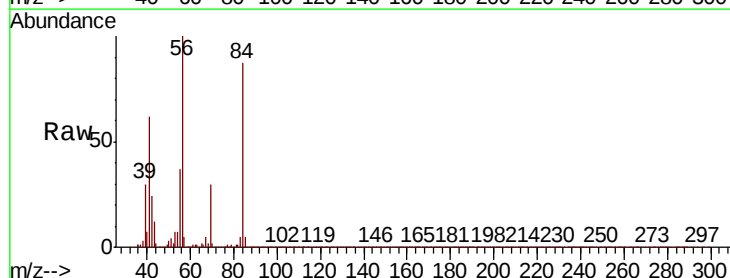
Tgt Ion: 56 Resp: 391666

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 82.0 66.1 99.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

200000

150000

100000

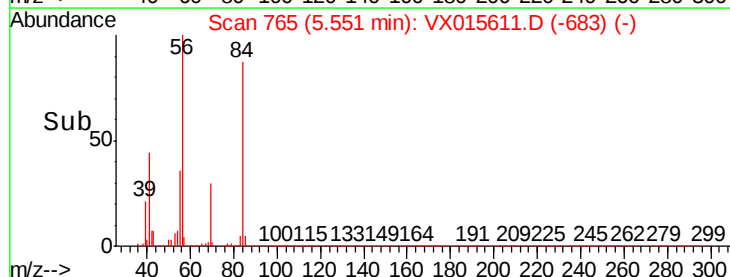
50000

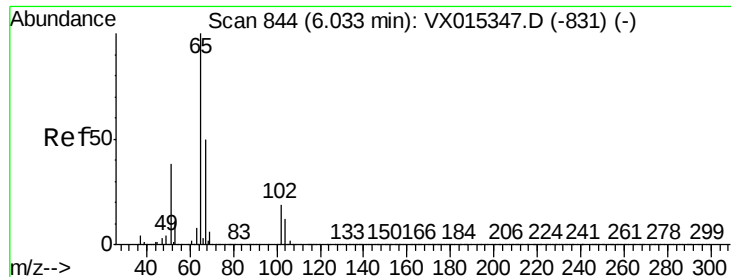
0

5.55

5.50 5.60

Time-->





#27

1,2-Dichloroethane-d4

Concen: 30.038 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

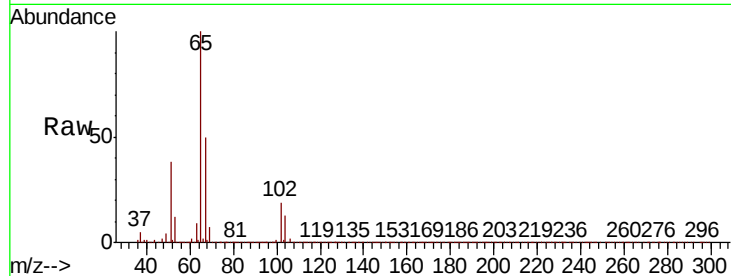
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 473359

Ion Ratio Lower Upper

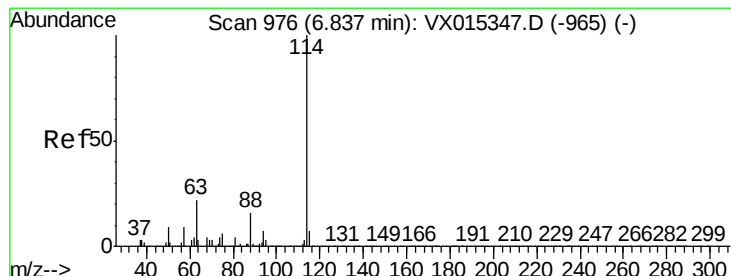
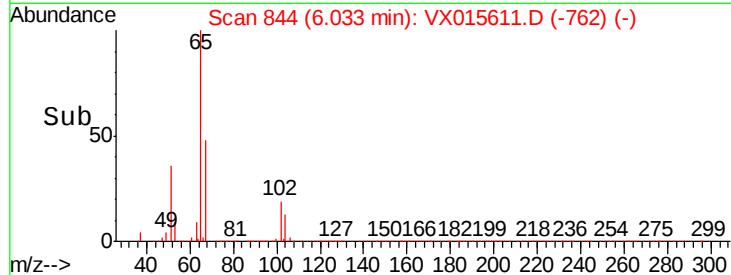
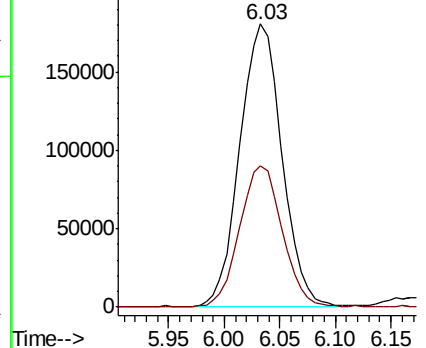
65 100

67 50.3 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

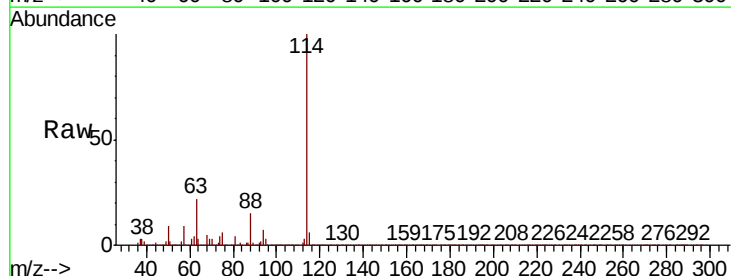
Tgt Ion: 114 Resp: 1104275

Ion Ratio Lower Upper

114 100

63 22.4 17.4 26.2

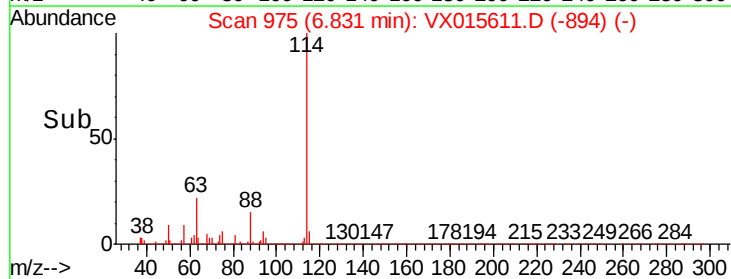
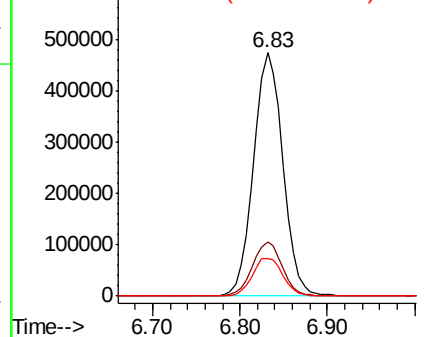
88 16.1 12.9 19.3

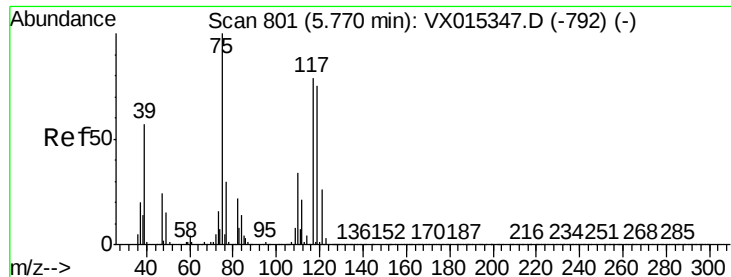


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 19.466 ug/l

RT: 5.77 min Scan# 801

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :

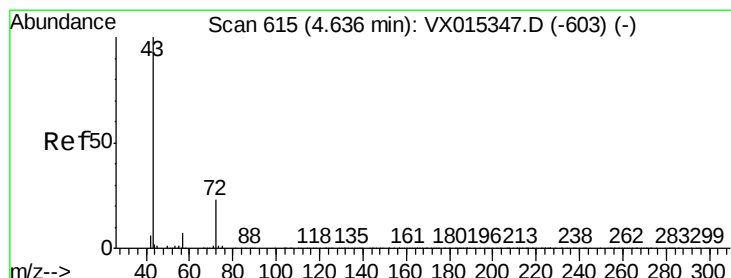
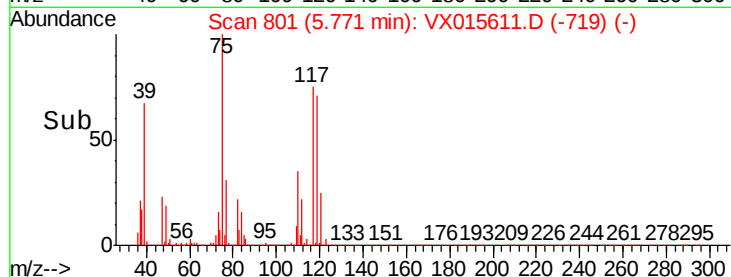
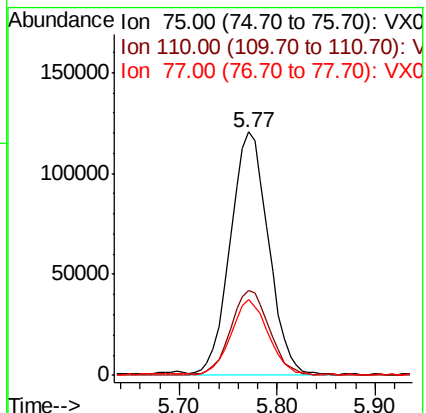
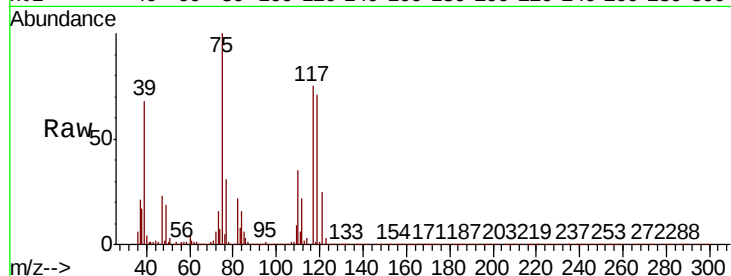
Tot Ion: 75 Resp: 322960

Ion Ratio Lower Upper

75 100

110 35.4 0.0 71.2

77 30.2 0.0 62.2



#30

2-Butanone

Concen: 107.325 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

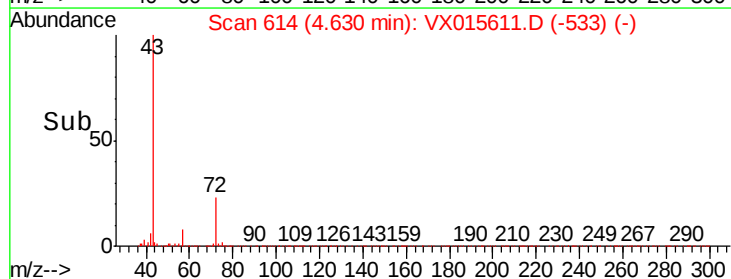
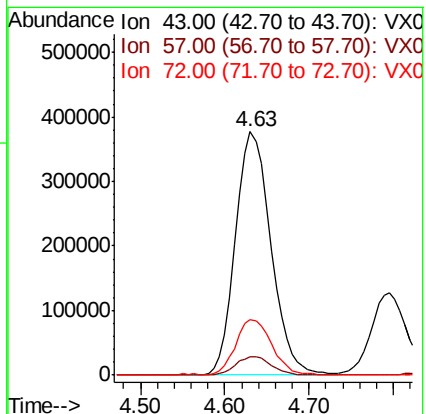
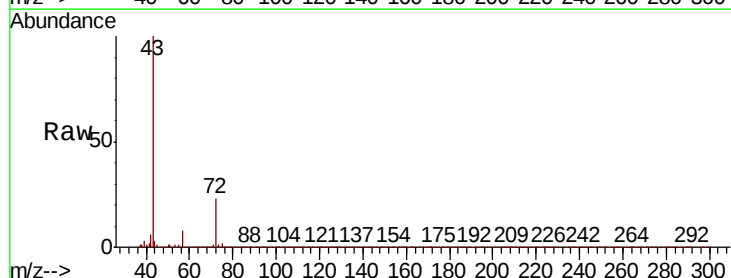
Tgt Ion: 43 Resp: 1067406

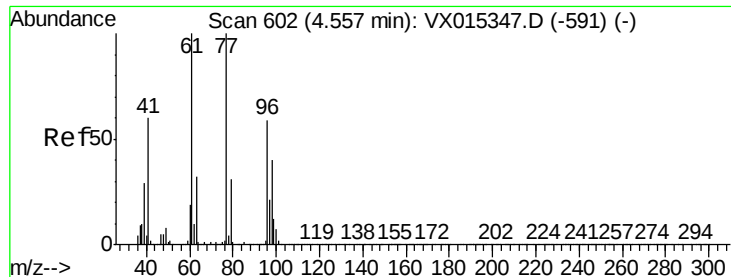
Ion Ratio Lower Upper

43 100

57 7.4 5.9 8.9

72 22.7 18.6 27.8





#31

2,2-Dichloropropane

Concen: 19.659 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

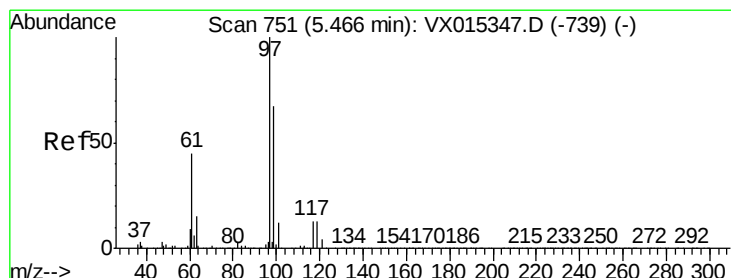
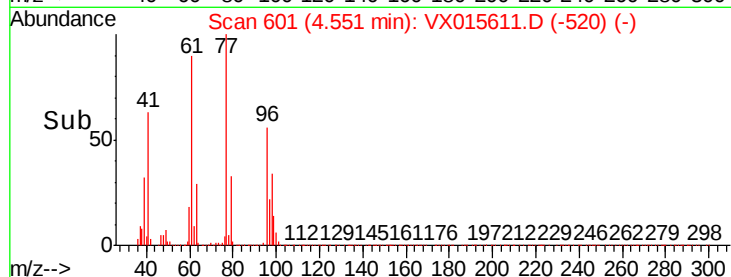
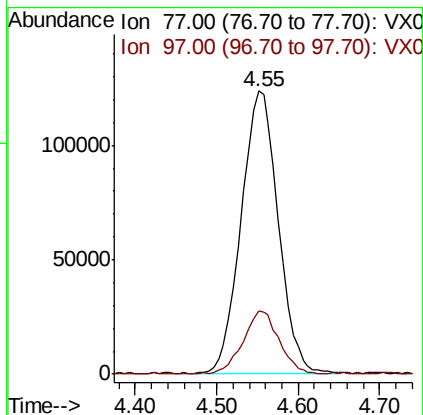
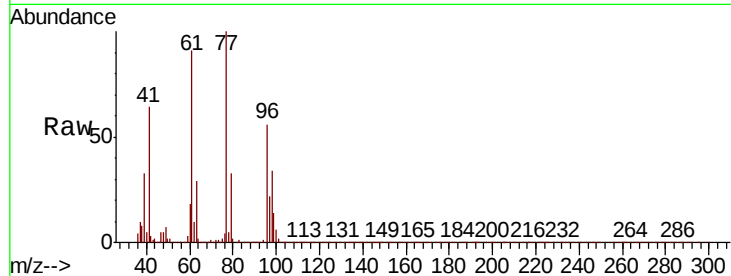
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 77 Resp: 392493

Ion Ratio Lower Upper

77 100

97 21.1 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 19.021 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

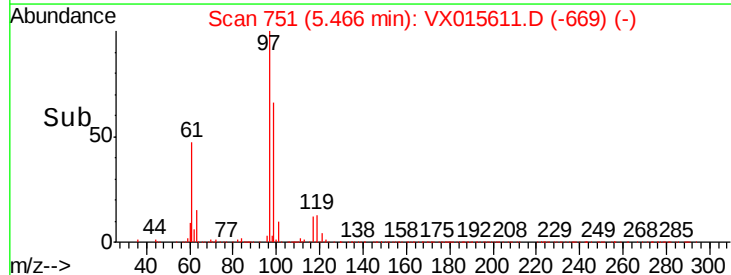
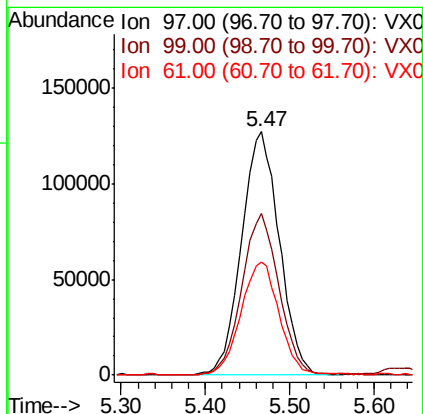
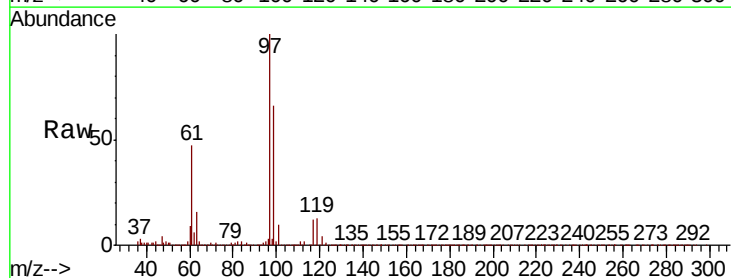
Tgt Ion: 97 Resp: 385023

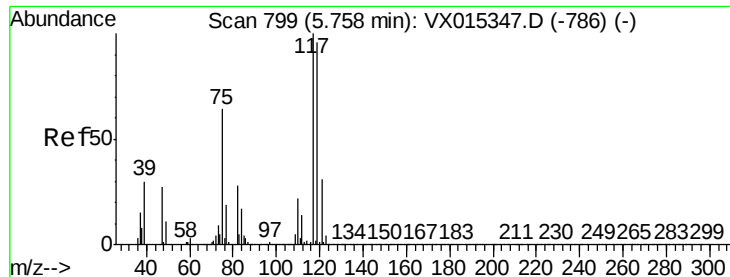
Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.4

61 47.0 35.8 53.8

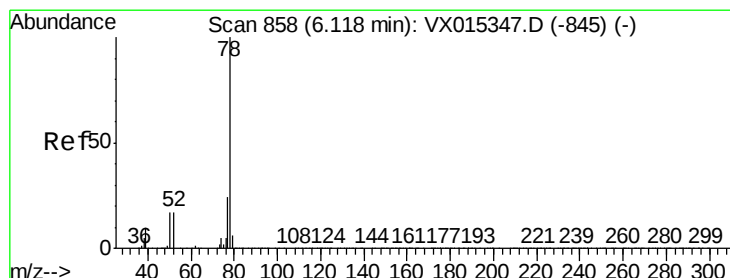
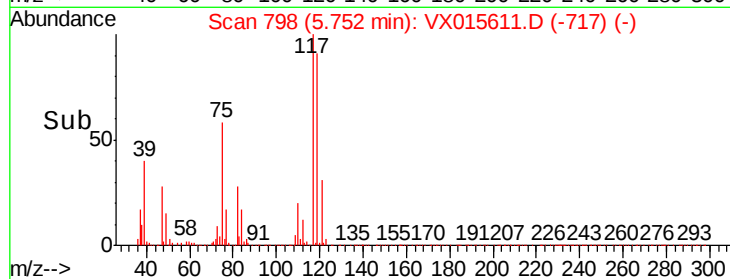
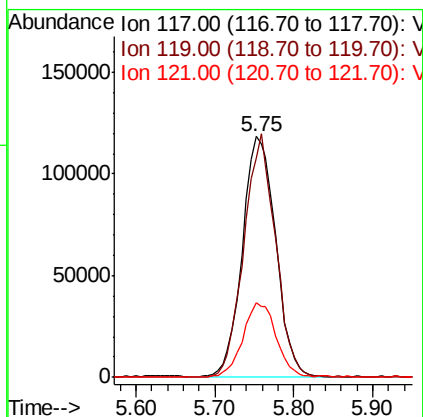
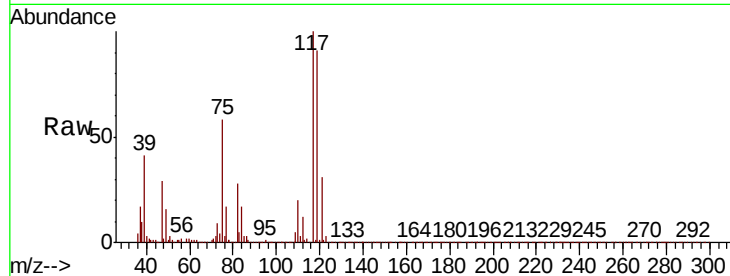




#33
Carbon Tetrachloride
Concen: 18.873 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

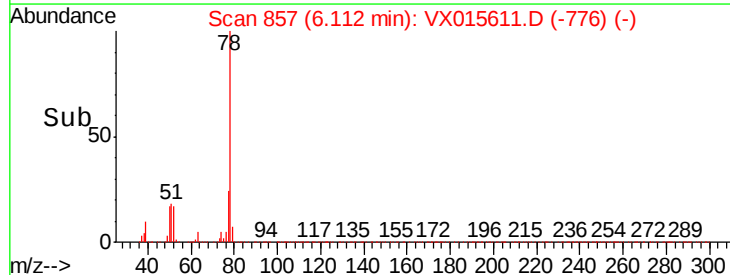
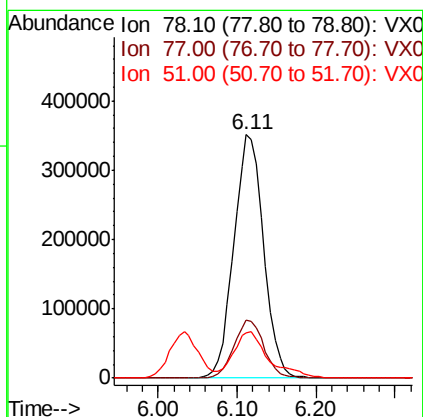
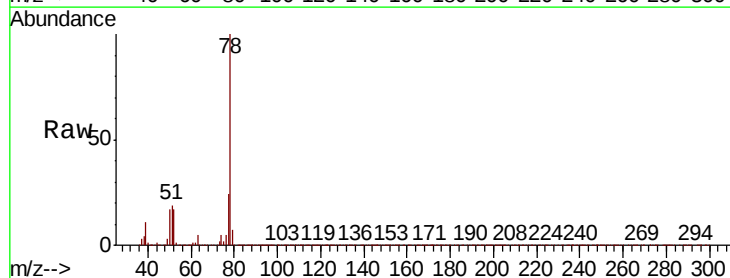
Instrument :
MSVOA_X
ClientSampleId :

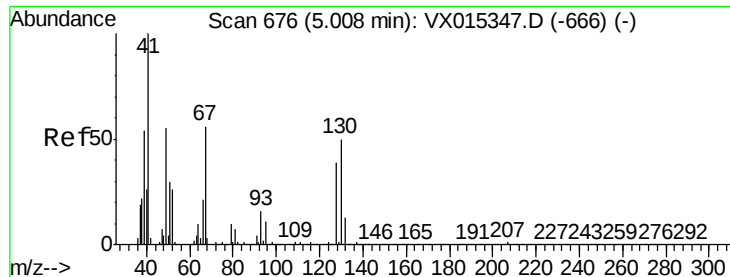
Tot Ion	Ratio	Lower	Upper
117	100		
119	91.3	76.6	114.8
121	30.6	25.0	37.4



#34
Benzene
Concen: 19.245 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.2
51	18.4	14.6	21.8

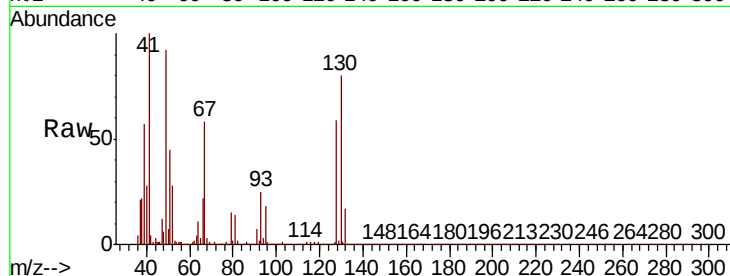




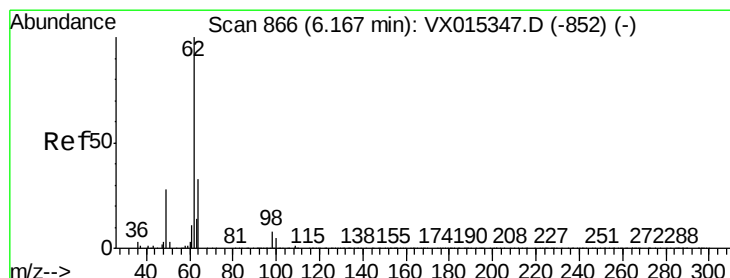
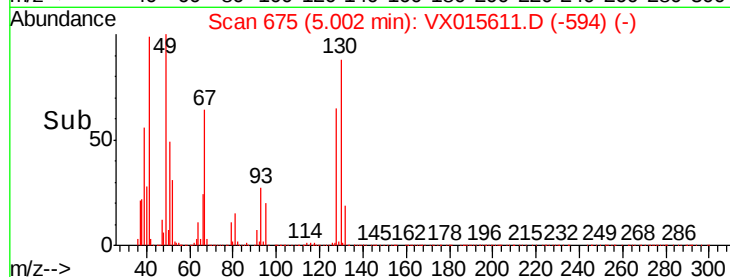
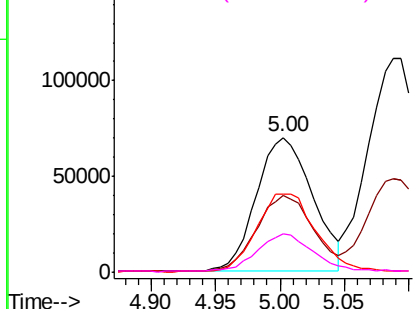
#35
Methacrylonitrile
Concen: 18.650 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	210332
Ion	Ratio	Lower	Upper
41	100		
39	56.3	27.0	81.0
67	57.8	28.2	84.6
52	28.2	12.8	38.3

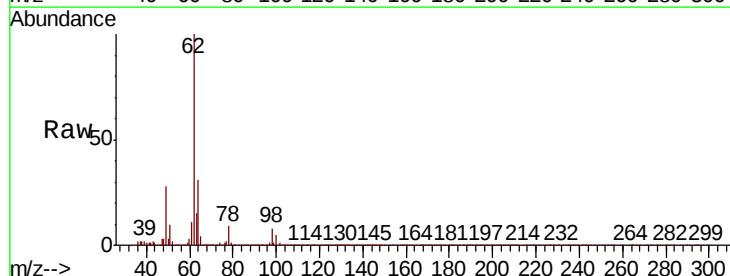


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

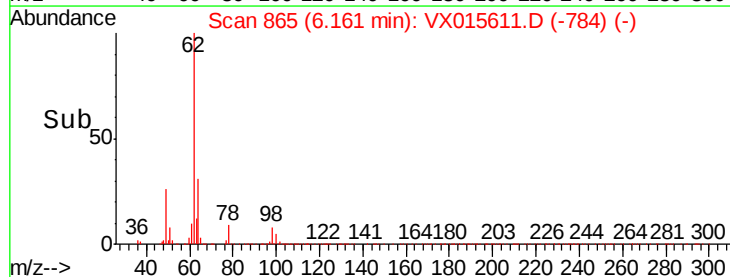
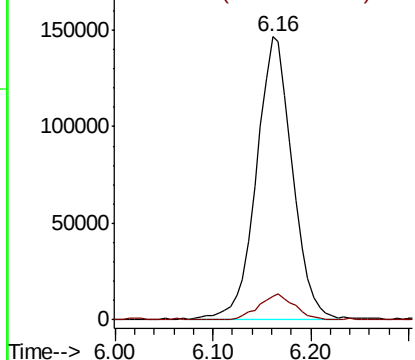


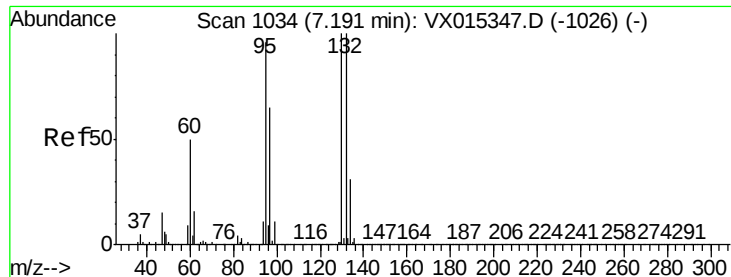
#36
1,2-Dichloroethane
Concen: 20.201 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion:	62	Resp:	373253
Ion	Ratio	Lower	Upper
62	100		
98	8.9	6.9	10.3



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 19.249 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

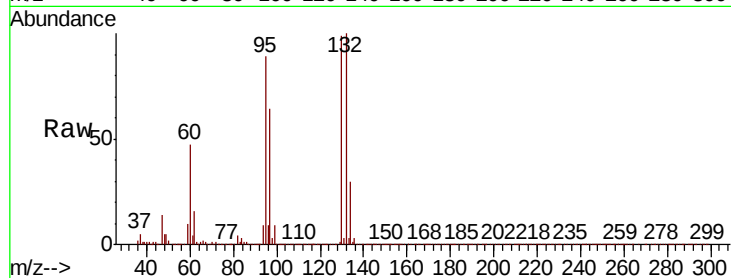
ClientSampled :

Tot Ion:130 Resp: 259158

Ion Ratio Lower Upper

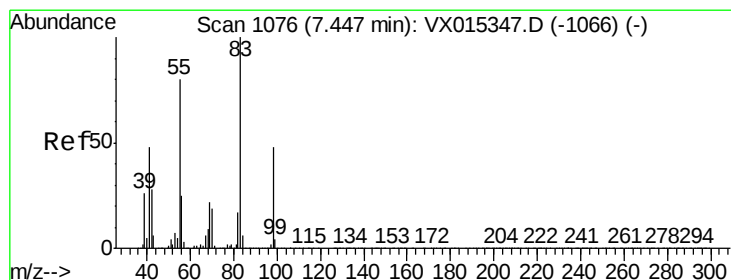
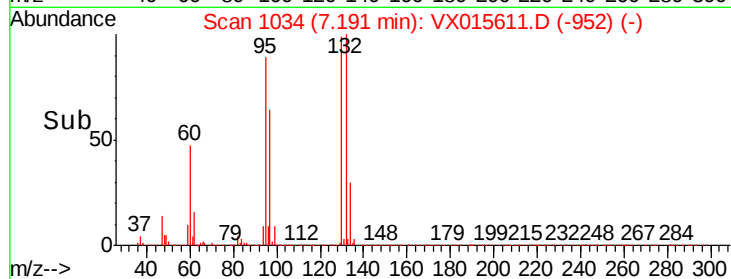
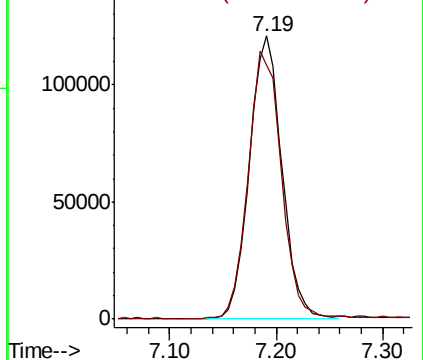
130 100

95 89.8 76.4 114.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.008 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

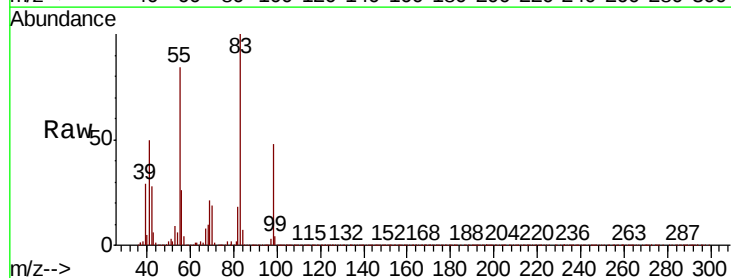
Tgt Ion: 83 Resp: 386599

Ion Ratio Lower Upper

83 100

55 83.2 41.3 124.1

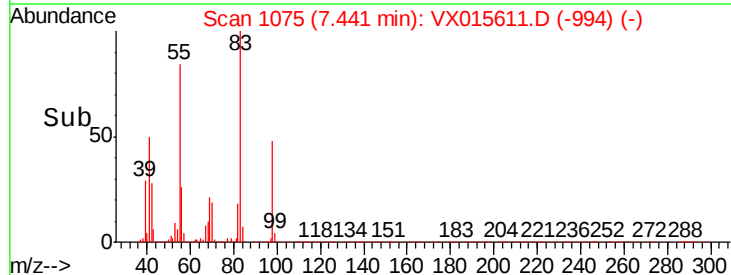
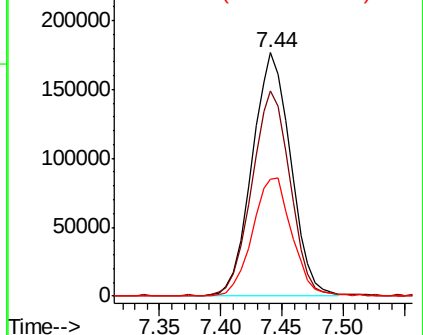
98 49.4 24.0 72.0

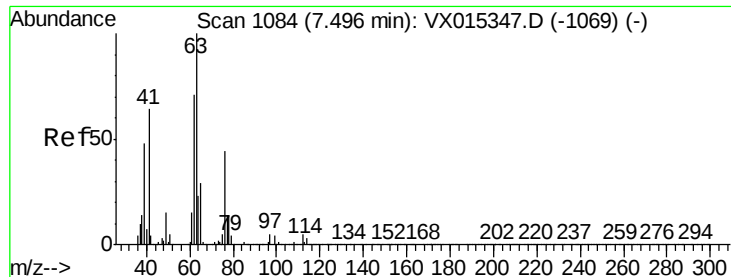


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

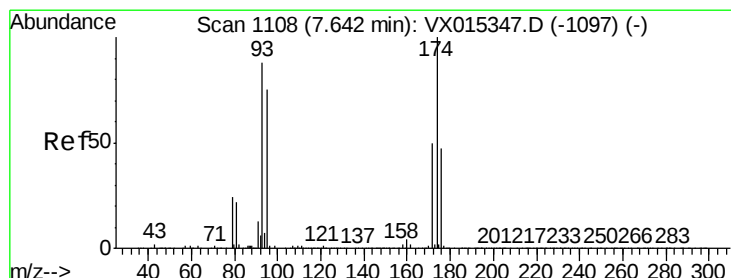
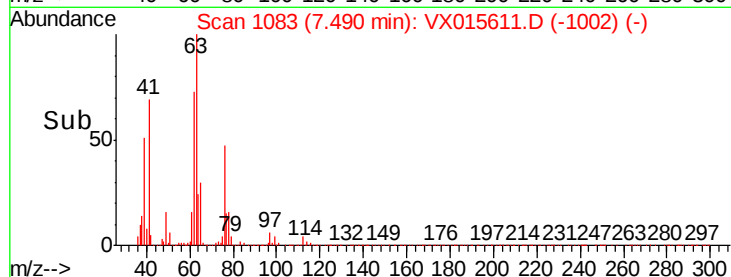
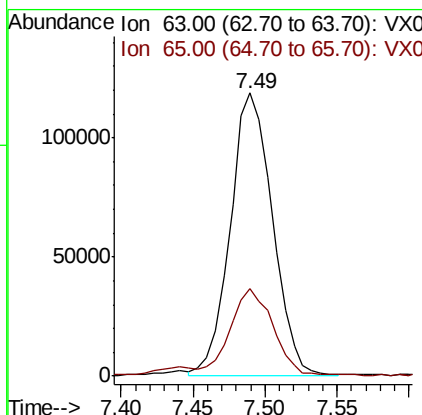
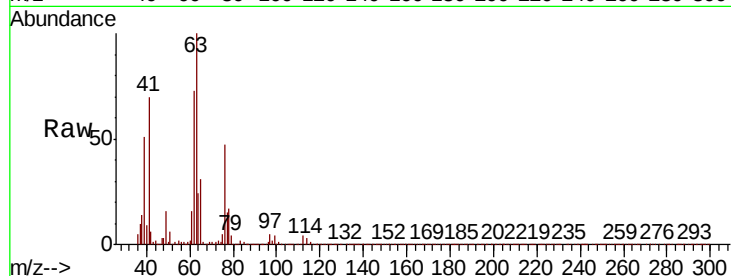




#39
 1,2-Dichloropropane
 Concen: 18.814 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

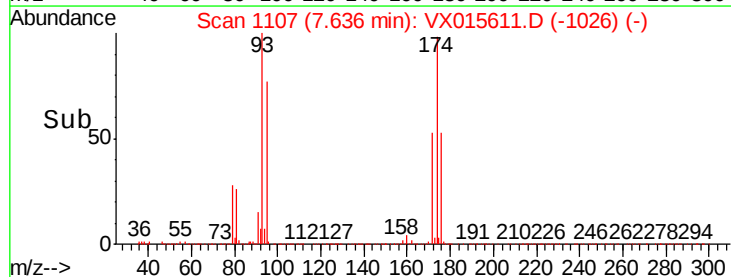
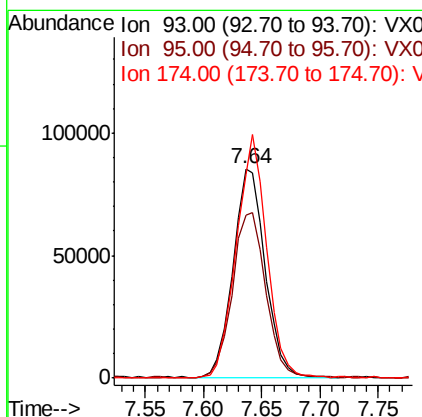
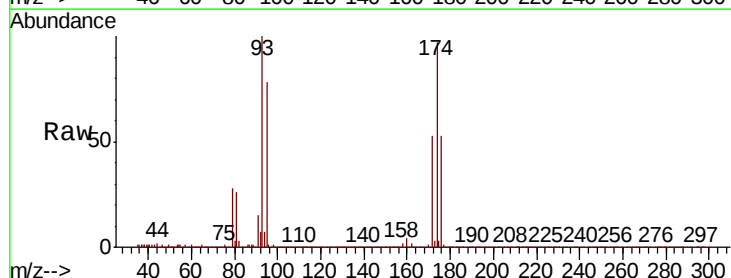
Instrument :
 MSVOA_X
 ClientSampleId :

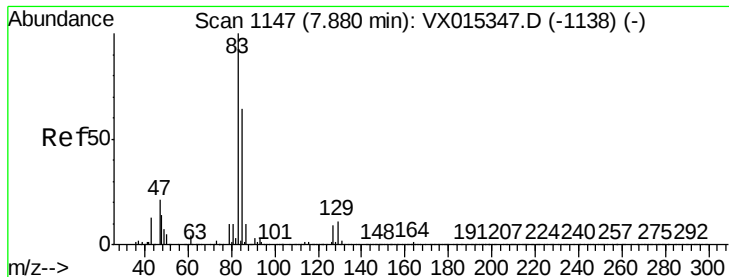
Tot Ion: 63 Resp: 241639
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.0 34.4



#40
 Dibromomethane
 Concen: 19.167 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Tgt Ion: 93 Resp: 163851
 Ion Ratio Lower Upper
 93 100
 95 81.5 0.0 166.4
 174 110.2 0.0 225.4





#41

Bromodichloromethane

Concen: 18.416 ug/l

RT: 7.87 min Scan# 1146

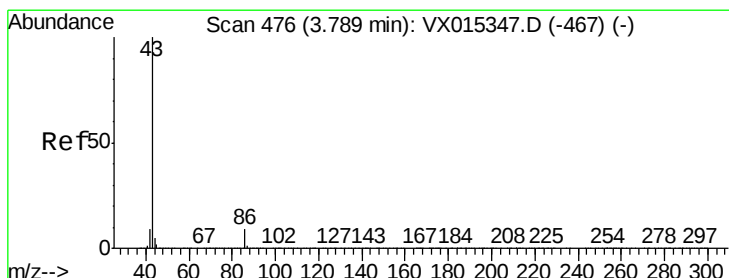
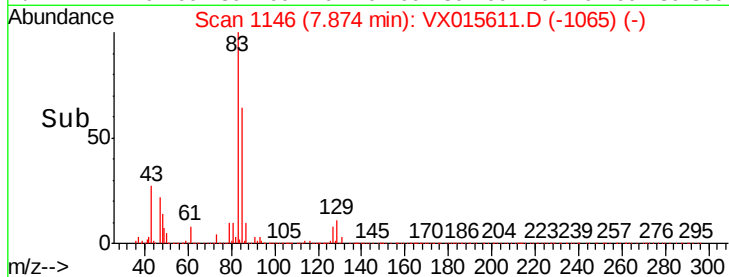
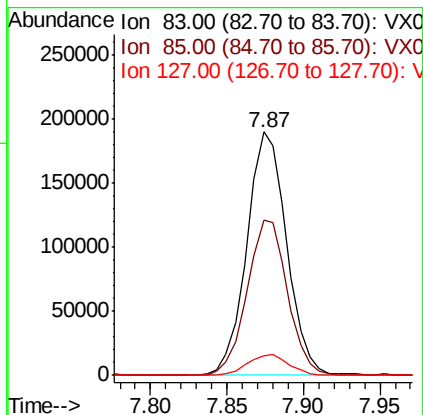
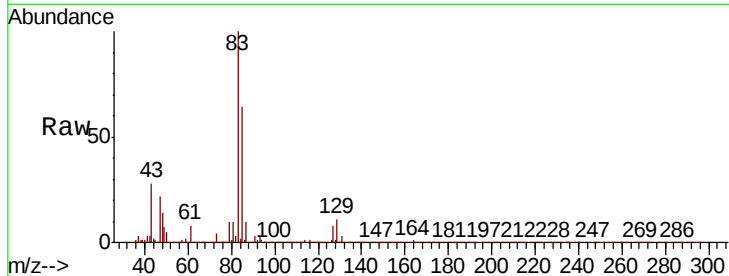
Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	342147
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.6	77.4
127	8.0	7.0	10.4



#42

Vinyl Acetate

Concen: 99.194 ug/l

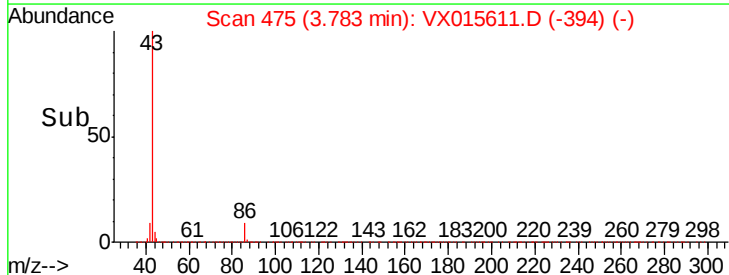
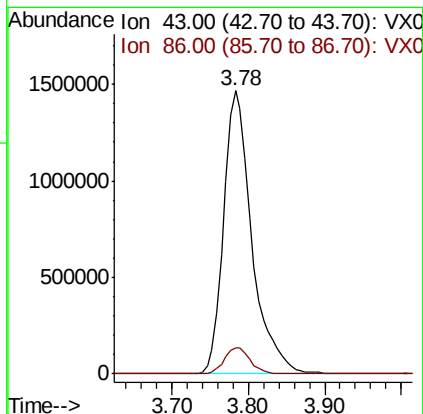
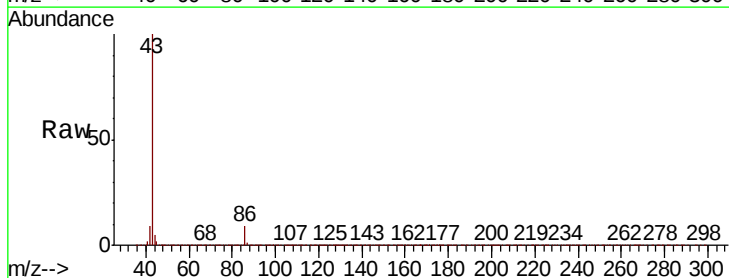
RT: 3.78 min Scan# 475

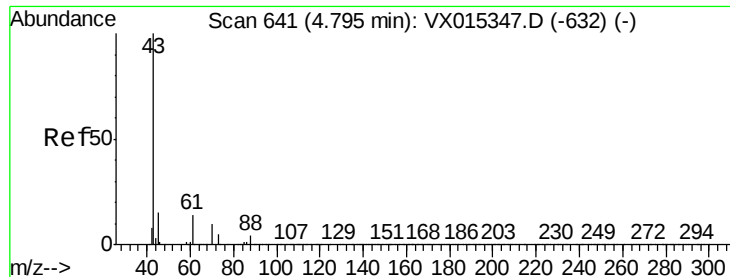
Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Tgt Ion:	43	Resp:	3737999
Ion	Ratio	Lower	Upper
43	100		
86	8.5	6.9	10.3

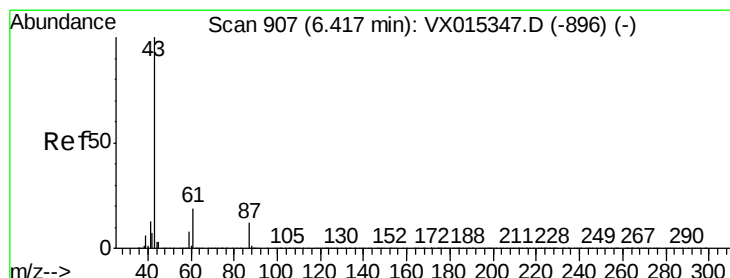
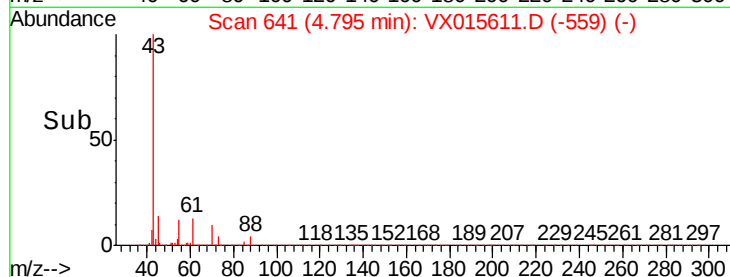
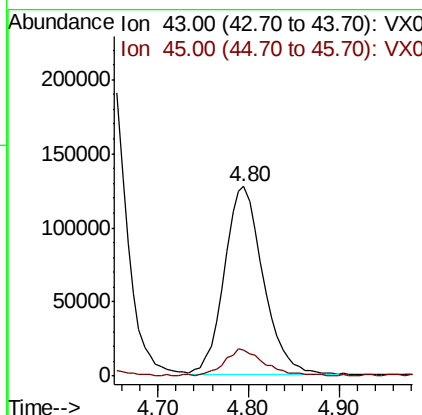
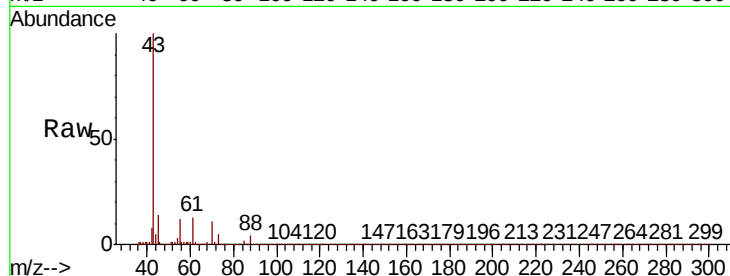




#43
Ethyl Acetate
Concen: 17.415 ug/l
RT: 4.80 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

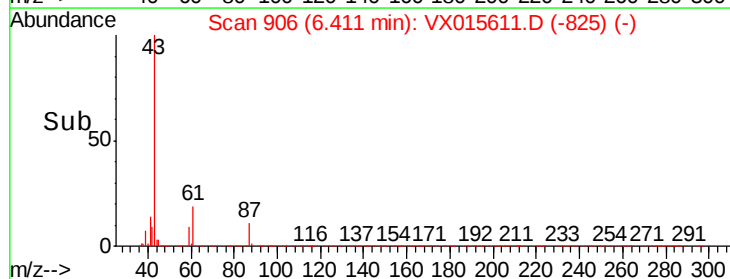
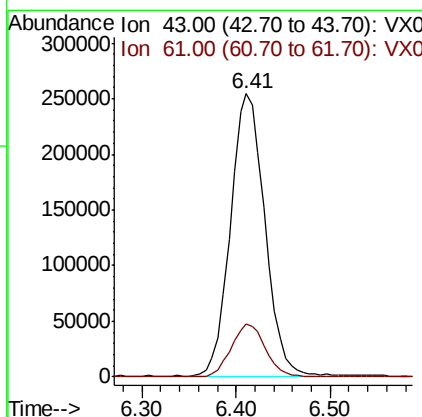
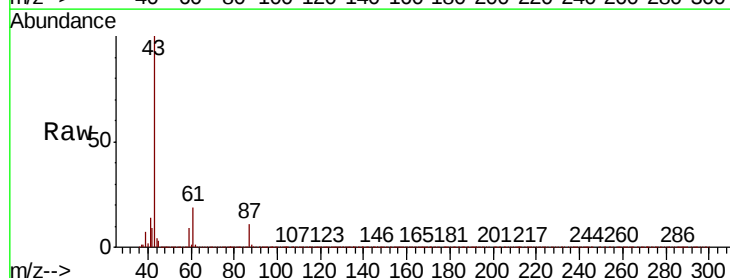
Instrument :
MSVOA_X
ClientSampled :

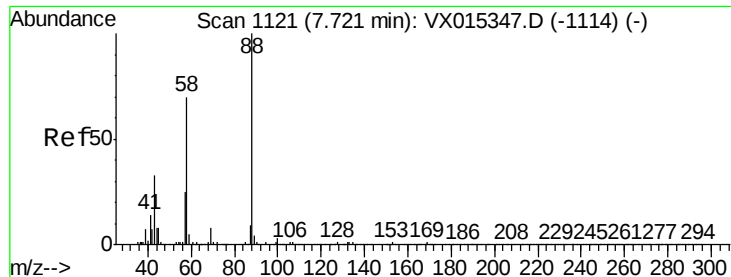
Tot Ion: 43 Resp: 376745
Ion Ratio Lower Upper
43 100
45 13.8 12.2 18.4



#44
Isopropyl Acetate
Concen: 18.447 ug/l
RT: 6.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion: 43 Resp: 642262
Ion Ratio Lower Upper
43 100
61 18.3 14.6 22.0





#45

1,4-Dioxane

Concen: 311.431 ug/l

RT: 7.71 min Scan# 1119

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

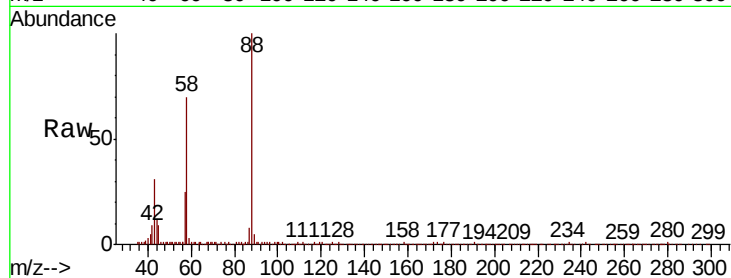
Tot Ion: 88 Resp: 99887

Ion Ratio Lower Upper

88 100

43 39.1 32.1 48.1

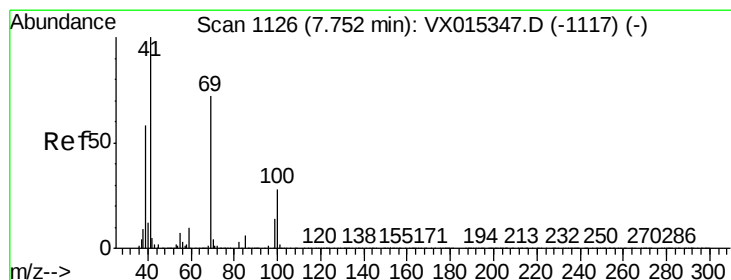
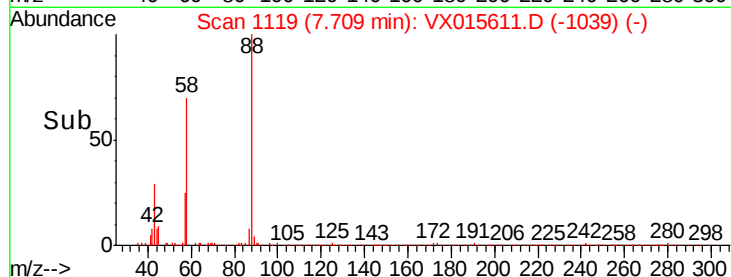
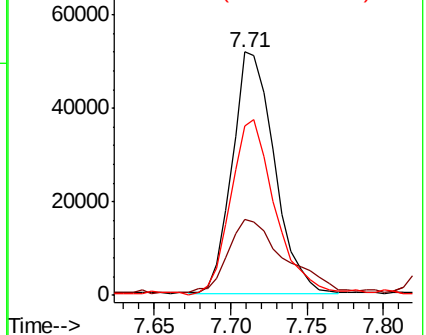
58 76.6 59.4 89.0



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: 18.575 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

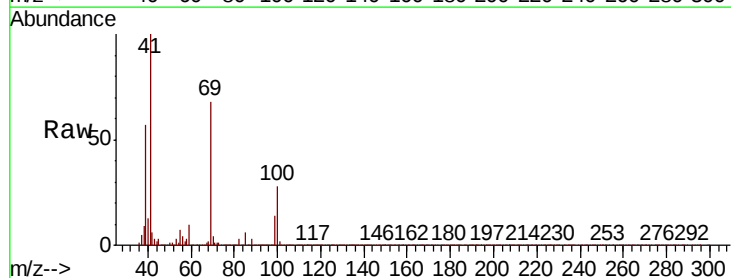
Tgt Ion: 41 Resp: 322717

Ion Ratio Lower Upper

41 100

69 67.5 35.8 107.4

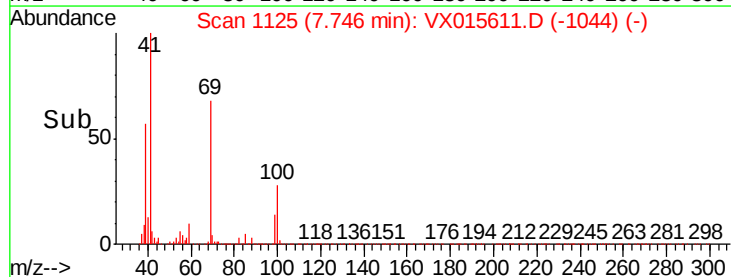
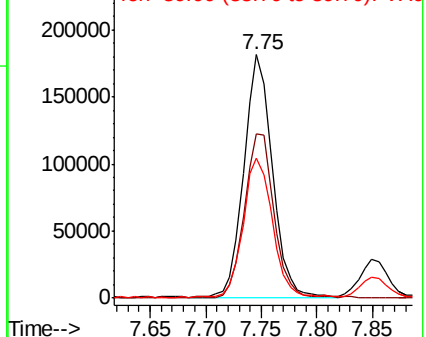
39 57.2 28.9 86.8

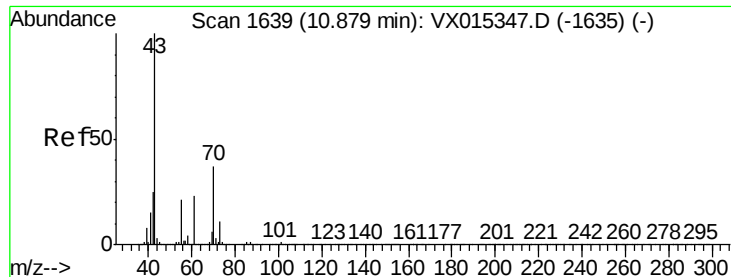


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 18.373 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

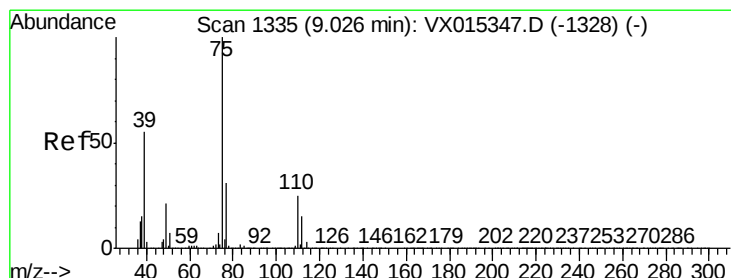
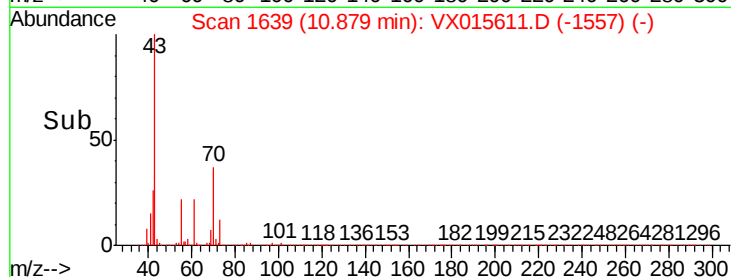
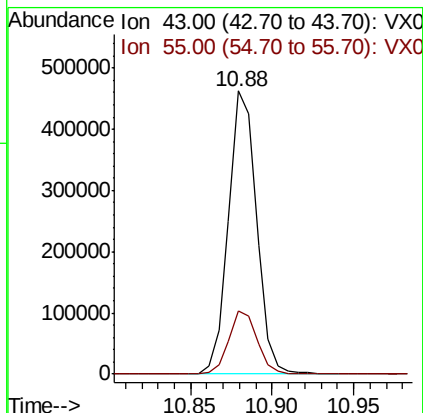
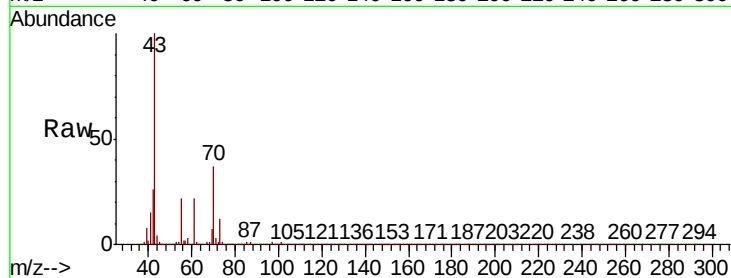
ClientSampleId :

Tot Ion: 43 Resp: 551548

Ion Ratio Lower Upper

43 100

55 22.3 17.0 25.6



#48

t-1,3-Dichloropropene

Concen: 18.453 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015611.D

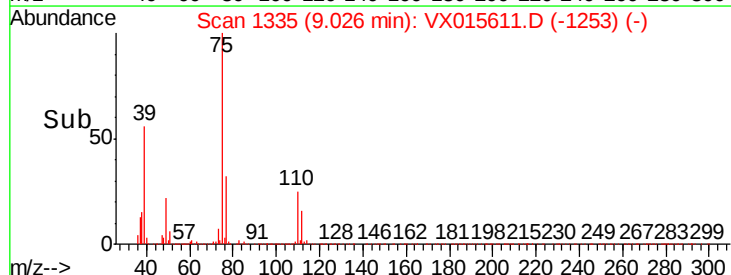
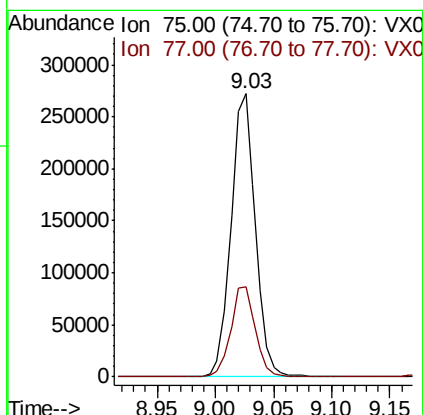
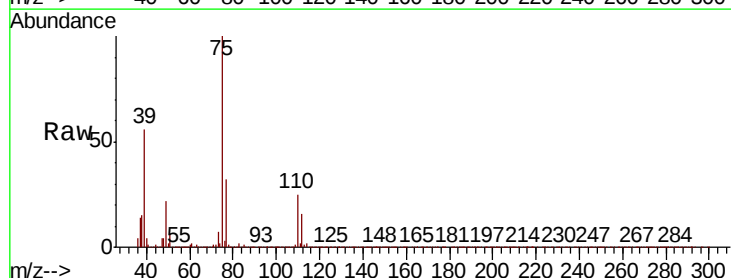
Acq: 10 Apr 2020 11:18

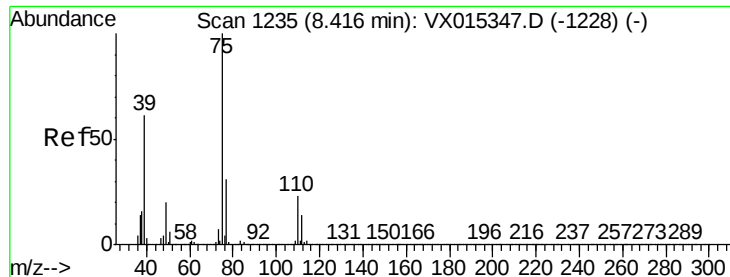
Tgt Ion: 75 Resp: 395767

Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0



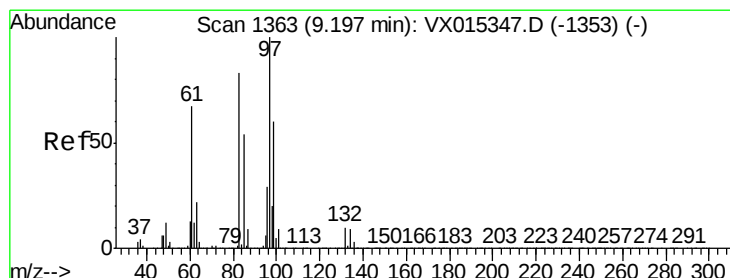
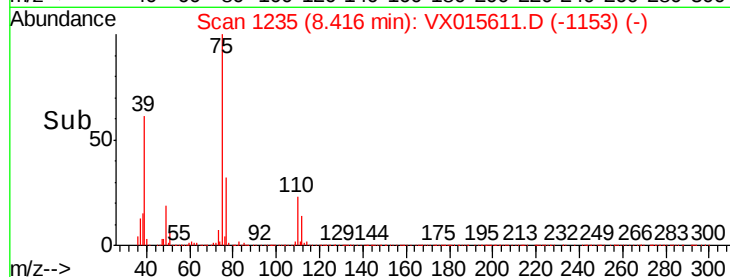
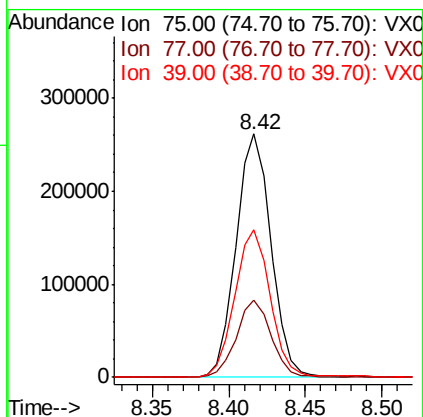
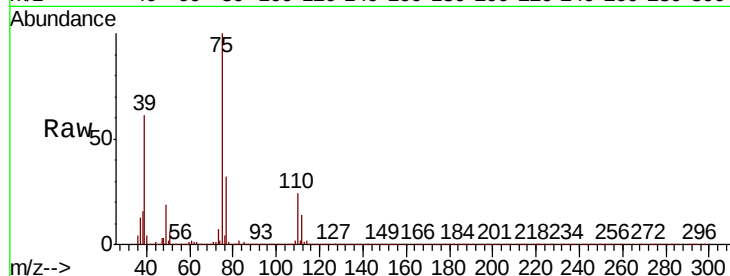


#49

cis-1,3-Dichloropropene
Concen: 18.713 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :

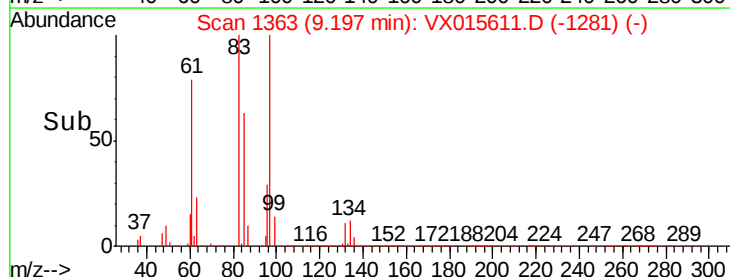
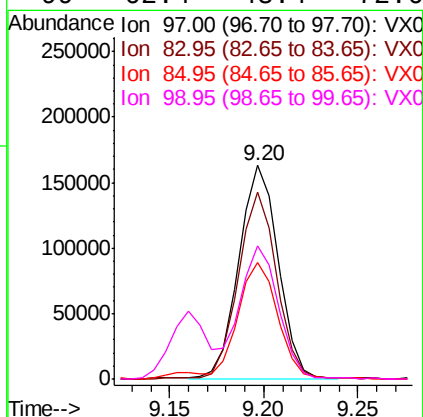
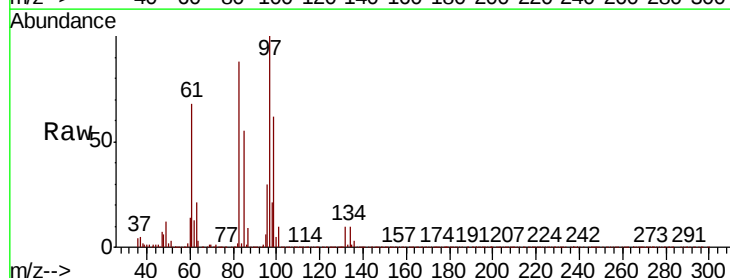
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.6	36.8
39	60.7	48.9	73.3

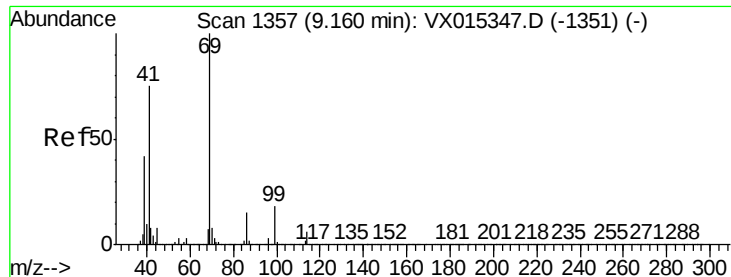


#50

1,1,2-Trichloroethane
Concen: 19.300 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.7	66.8	100.2
85	54.5	43.3	64.9
99	62.4	48.4	72.6





#51

Ethyl methacrylate

Concen: 18.437 ug/l

RT: 9.16 min Scan# 1357

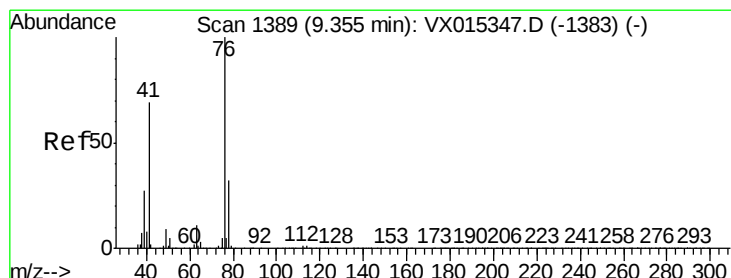
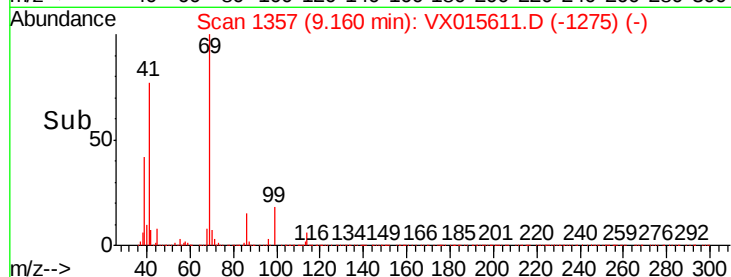
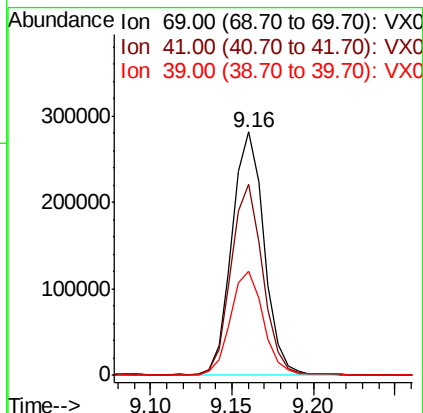
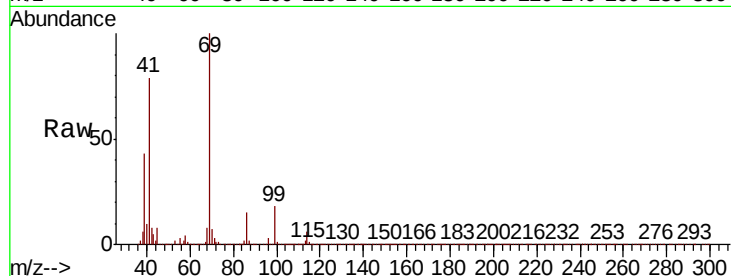
Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	69	Resp:	389020
Ion	Ratio	Lower	Upper
69	100		
41	78.4	37.4	112.2
39	42.5	21.1	63.1



#52

1,3-Dichloropropane

Concen: 19.703 ug/l

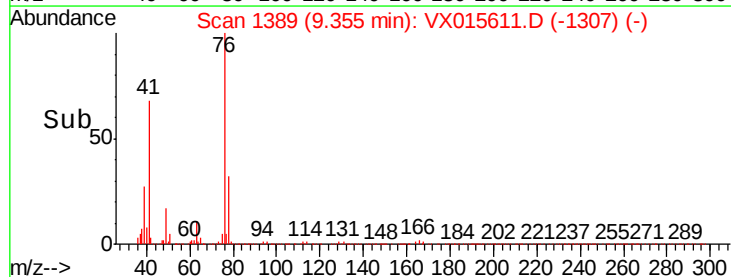
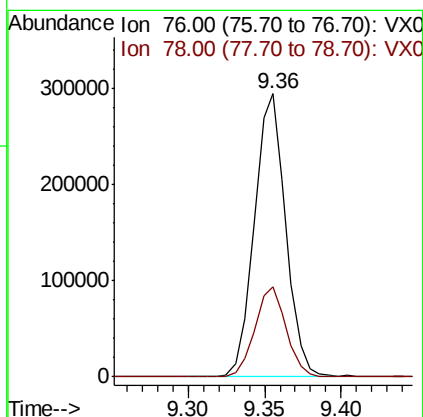
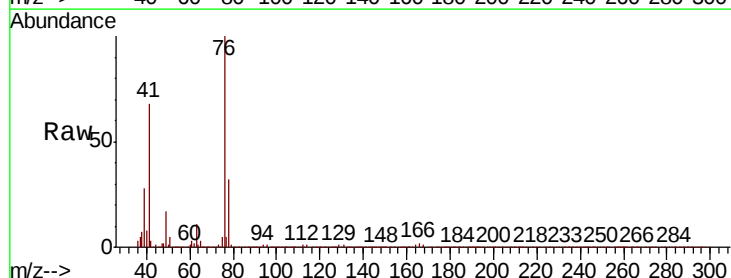
RT: 9.36 min Scan# 1389

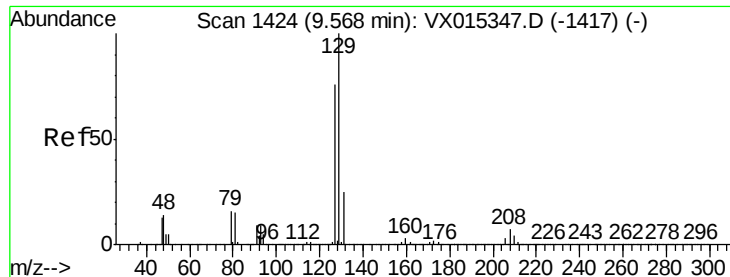
Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Tgt Ion:	76	Resp:	417499
Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	63.2





#53

Dibromochloromethane

Concen: 18.085 ug/l

RT: 9.56 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

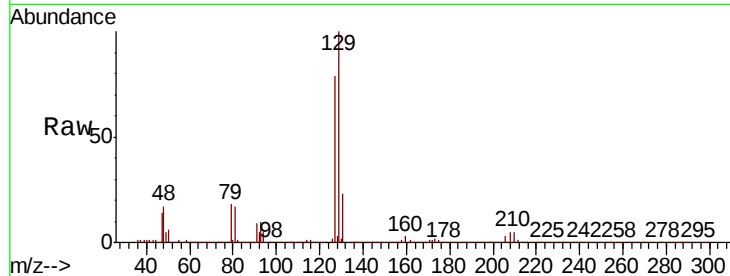
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 273507

Ion Ratio Lower Upper

129 100

127 76.1 38.6 115.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.56

200000

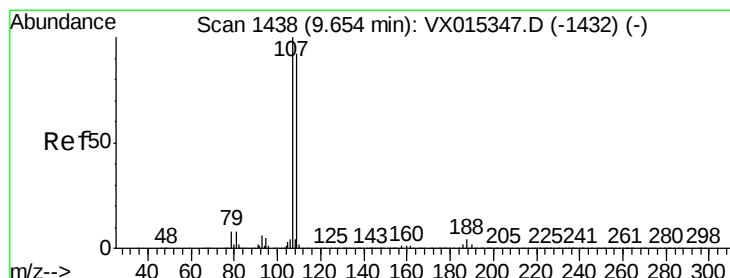
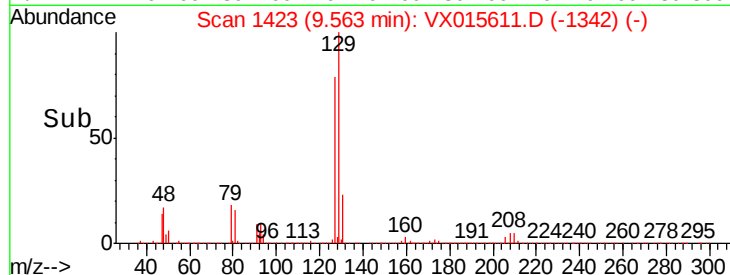
150000

100000

50000

0

Time--> 9.50 9.55 9.60 9.65



#54

1,2-Dibromoethane

Concen: 19.084 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015611.D

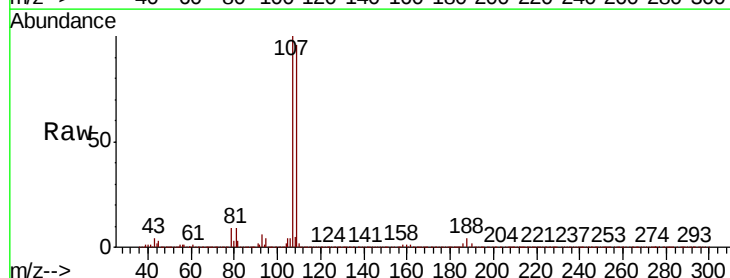
Acq: 10 Apr 2020 11:18

Tgt Ion:107 Resp: 251223

Ion Ratio Lower Upper

107 100

109 95.3 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.65

200000

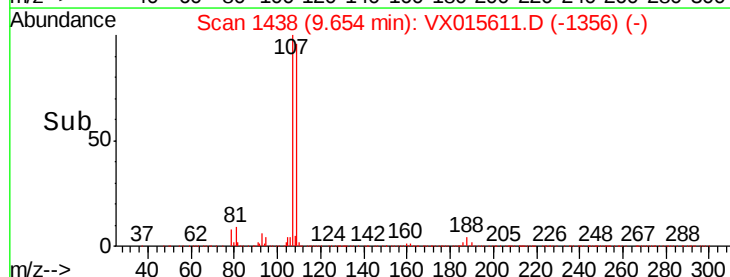
150000

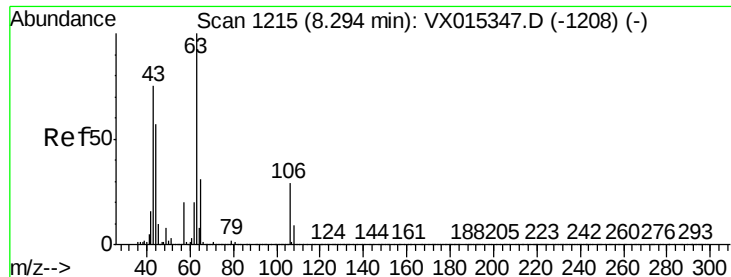
100000

50000

0

Time--> 9.60 9.65 9.70 9.75

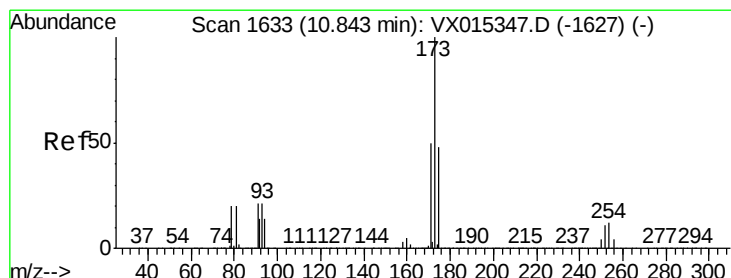
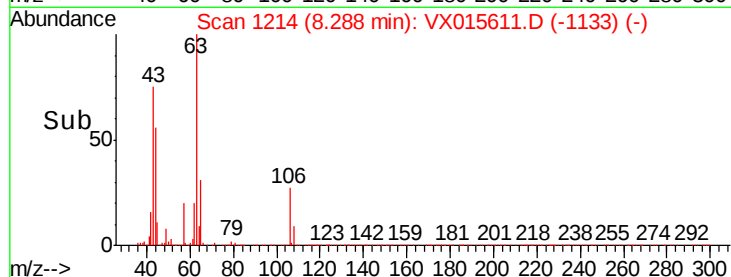
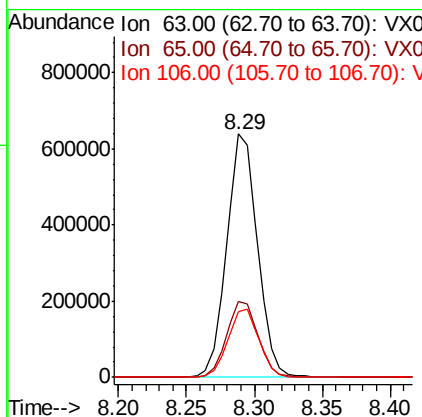
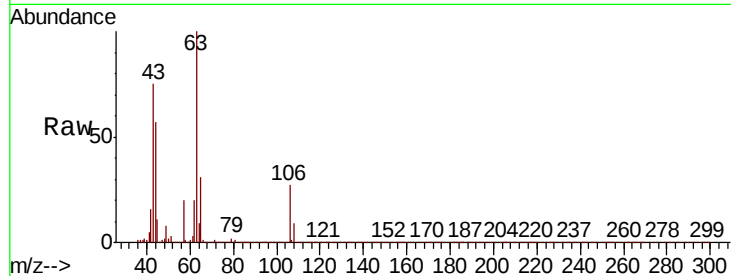




#55
2-Chloroethyl vinyl ether
Concen: 100.321 ug/l
RT: 8.29 min Scan# 1214
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

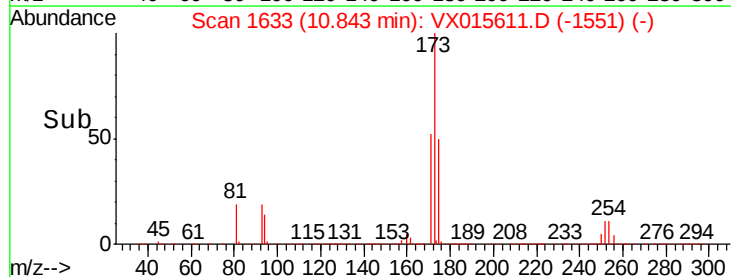
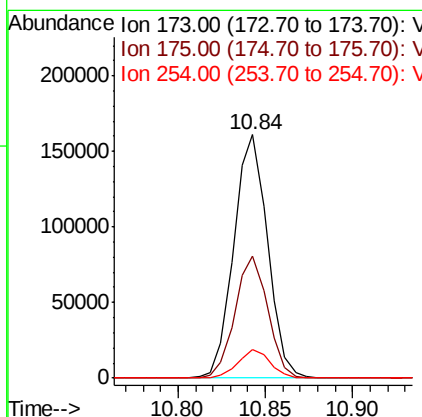
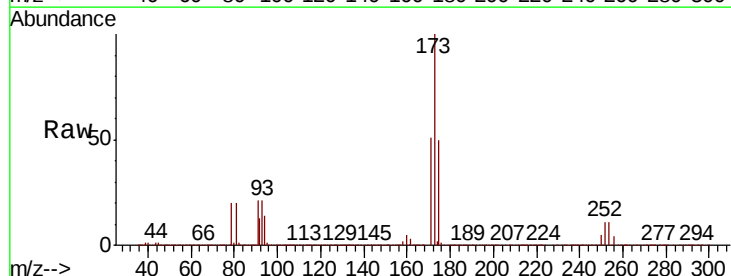
Instrument :
MSVOA_X
ClientSampleId :

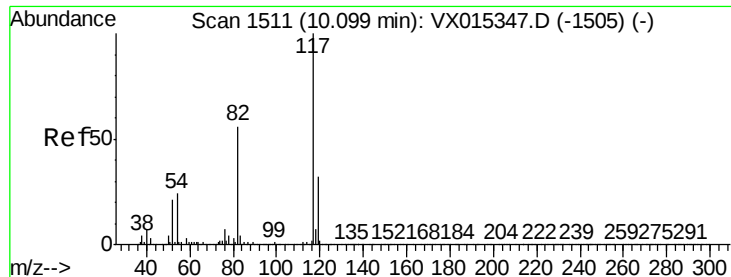
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.5	38.3
106	28.2	23.1	34.7



#56
Bromoform
Concen: 17.394 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.0	58.4
254	11.0	9.4	14.2

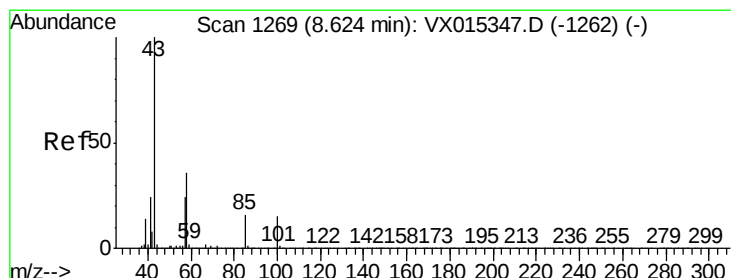
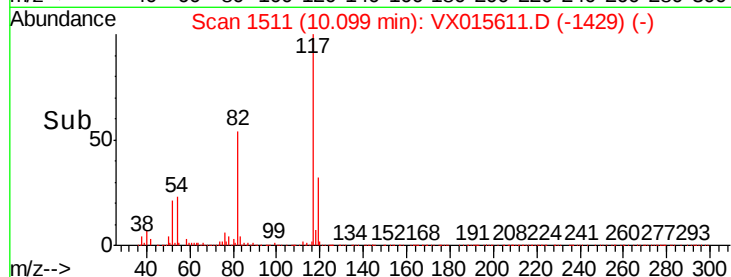
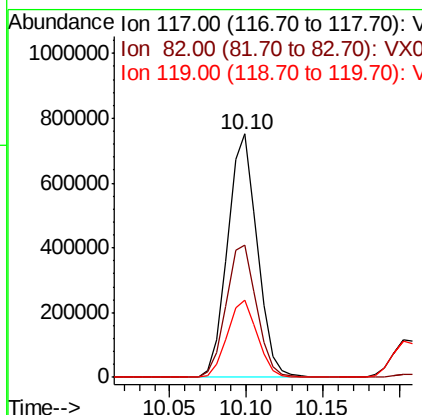
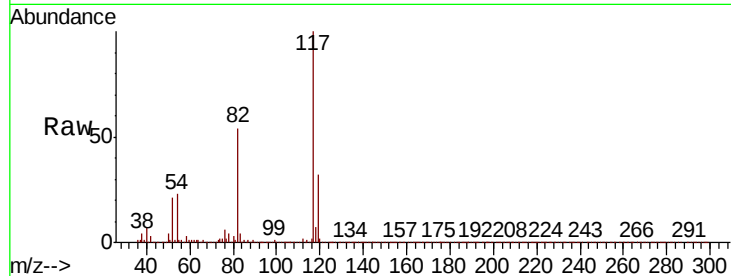




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

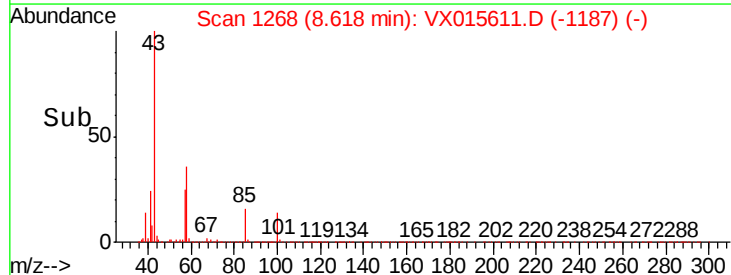
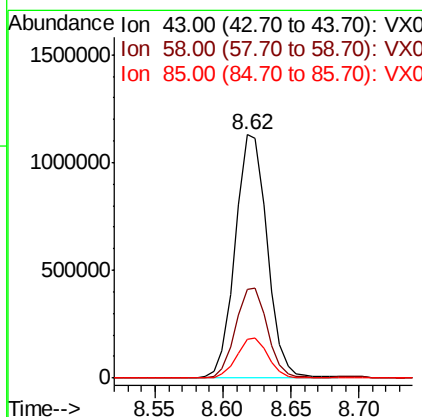
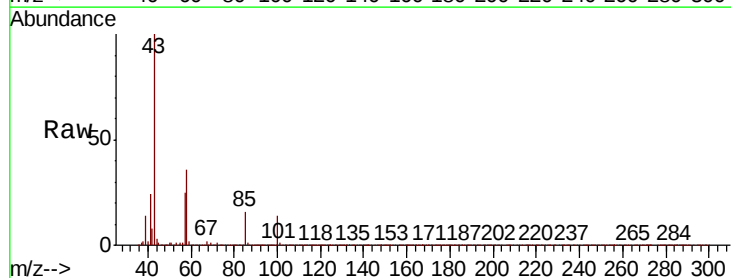
Instrument :
MSVOA_X
ClientSampleId :

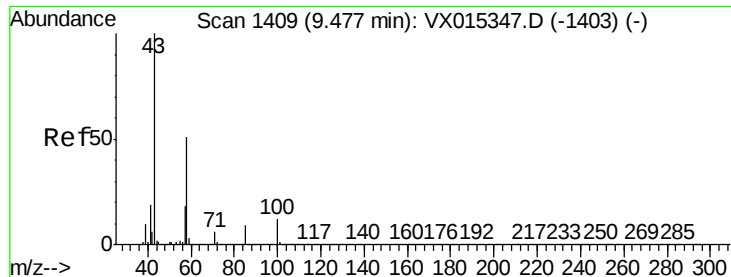
Tot Ion:117 Resp: 1009046
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.6
119 32.2 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 96.053 ug/l
RT: 8.62 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion: 43 Resp: 1854963
Ion Ratio Lower Upper
43 100
58 36.8 29.4 44.0
85 16.1 13.0 19.4

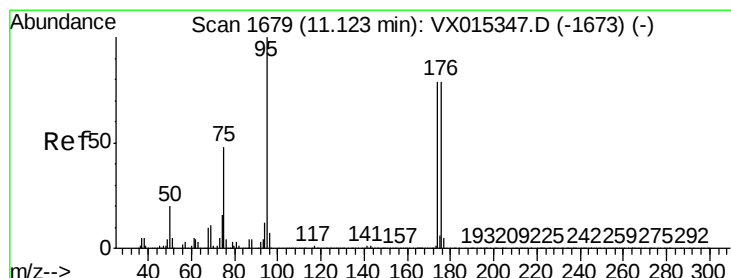
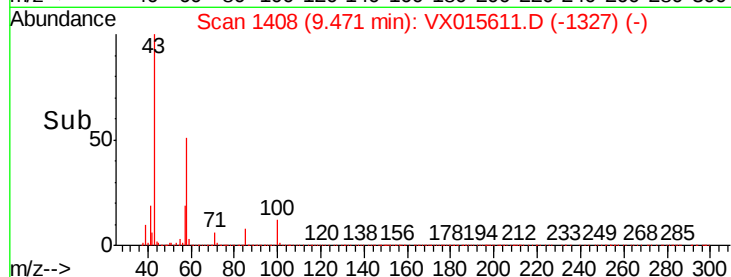
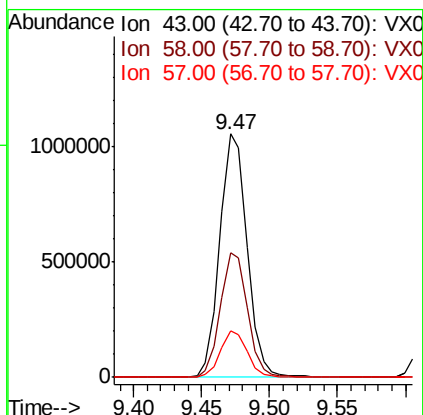
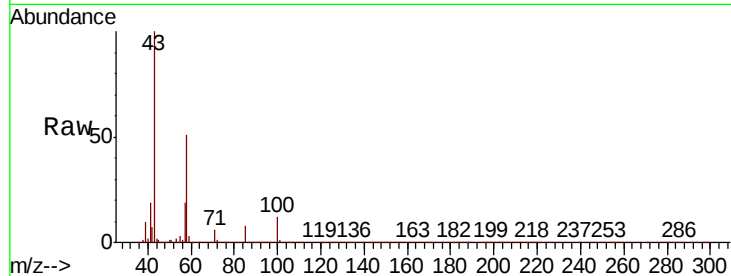




#59
2-Hexanone
Concen: 100.238 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

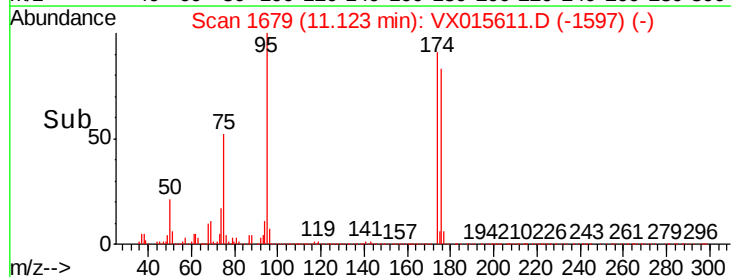
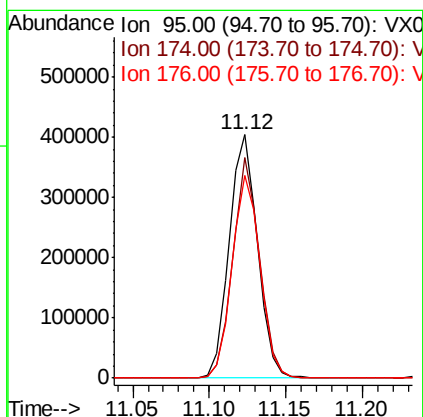
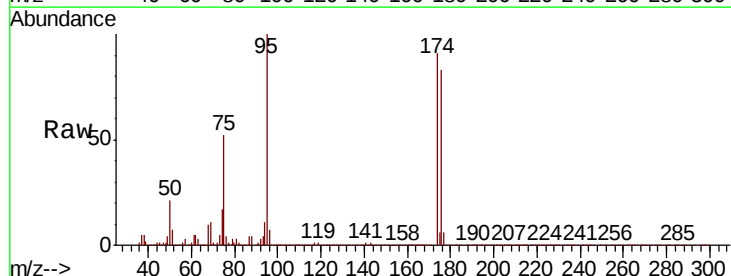
Instrument :
MSVOA_X
ClientSampleId :

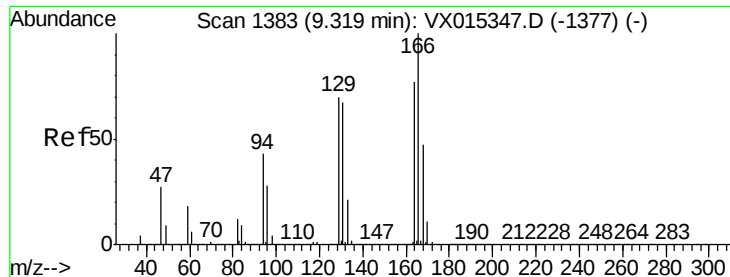
Tot Ion: 43 Resp: 1472670
Ion Ratio Lower Upper
43 100
58 51.1 40.2 60.4
57 18.6 14.6 22.0



#60
4-Bromofluorobenzene
Concen: 29.963 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion: 95 Resp: 517415
Ion Ratio Lower Upper
95 100
174 85.6 66.4 99.6
176 82.4 64.1 96.1





#61

Tetrachloroethene

Concen: 19.395 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 251553

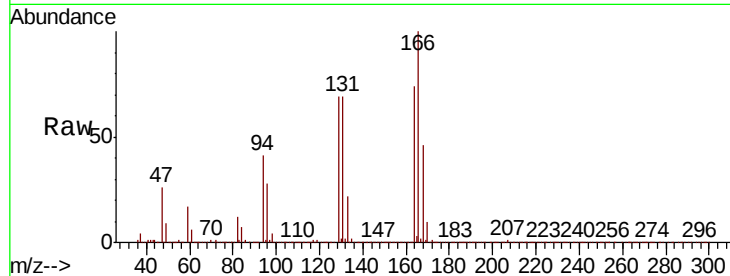
Ion Ratio Lower Upper

164 100

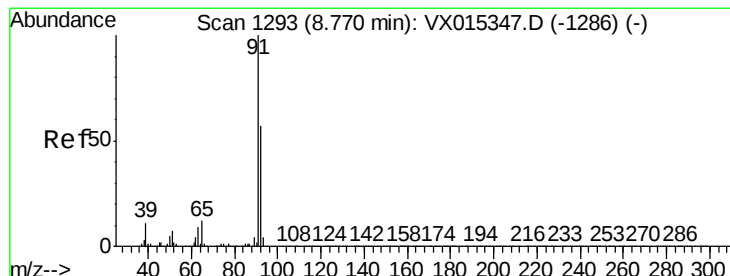
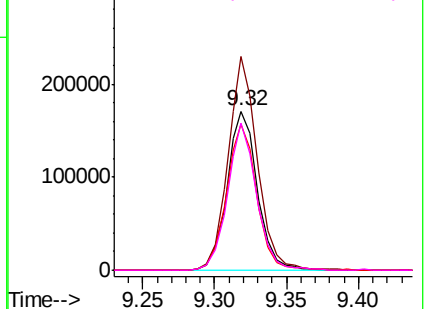
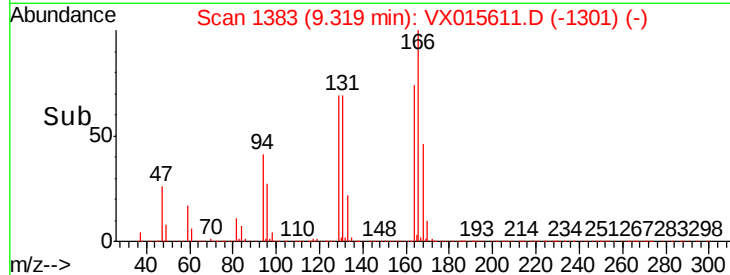
166 134.6 103.6 155.4

129 92.2 72.6 108.8

131 92.4 69.8 104.6



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.557 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015611.D

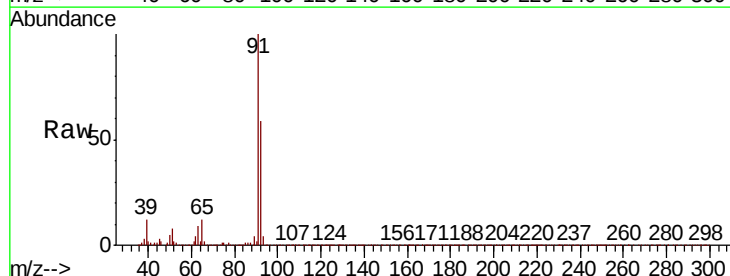
Acq: 10 Apr 2020 11:18

Tgt Ion: 91 Resp: 999540

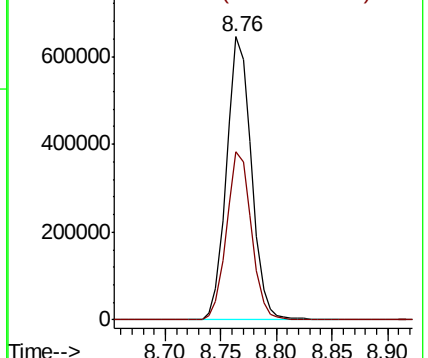
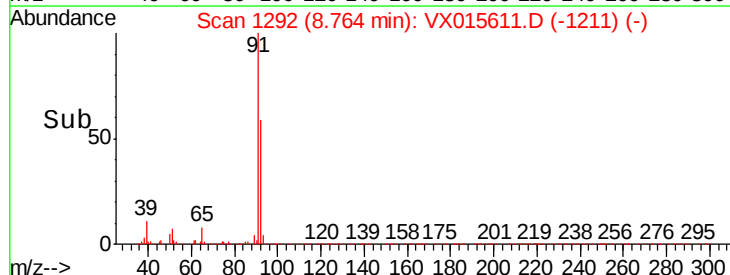
Ion Ratio Lower Upper

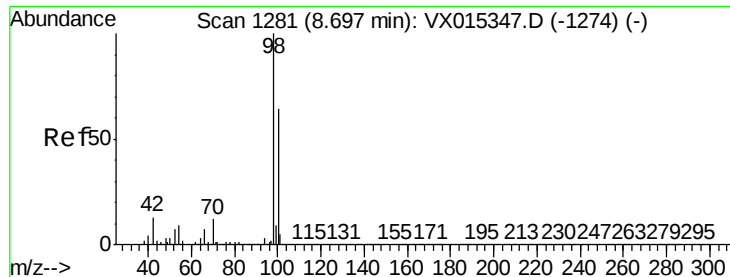
91 100

92 59.2 46.7 70.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.246 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

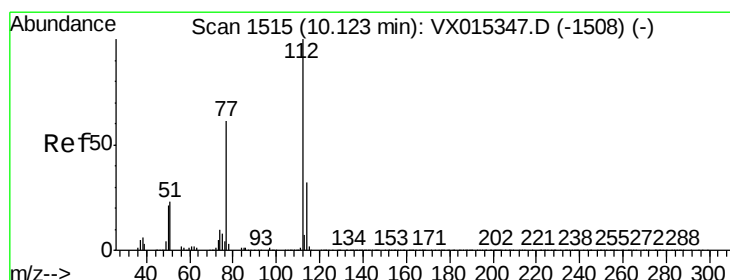
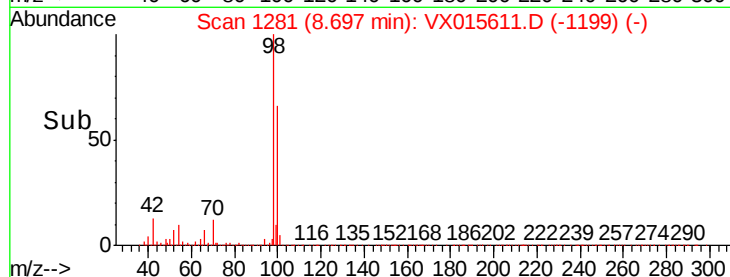
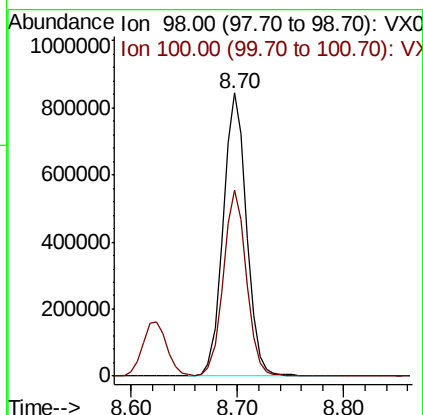
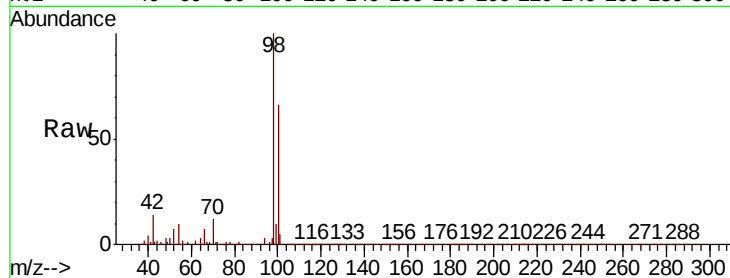
ClientSampleId :

Tot Ion: 98 Resp: 1296665

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#64

Chlorobenzene

Concen: 19.514 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015611.D

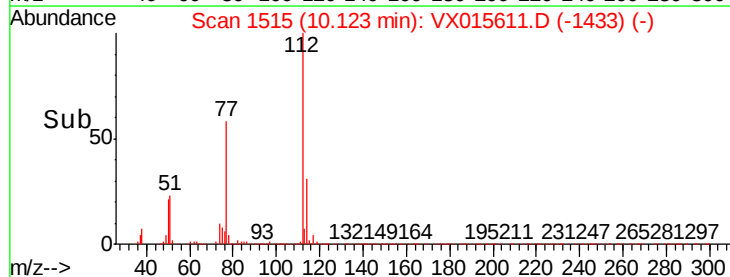
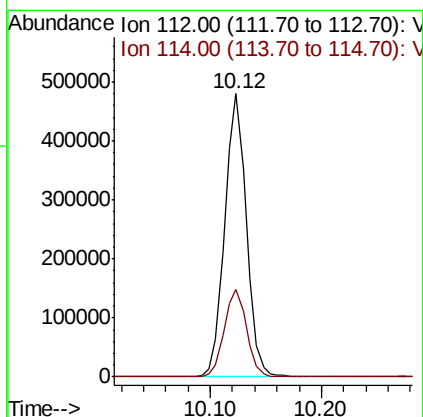
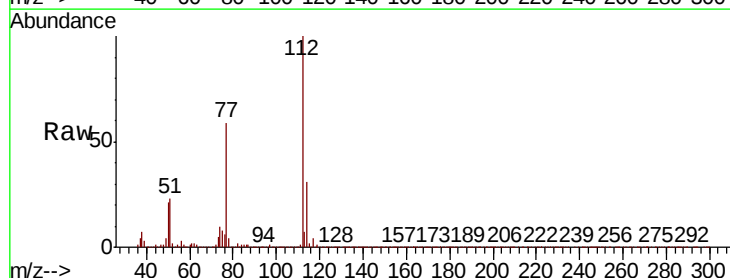
Acq: 10 Apr 2020 11:18

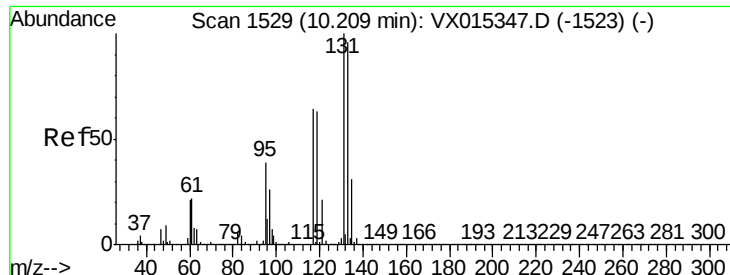
Tgt Ion: 112 Resp: 641242

Ion Ratio Lower Upper

112 100

114 31.1 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 18.691 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015611.D

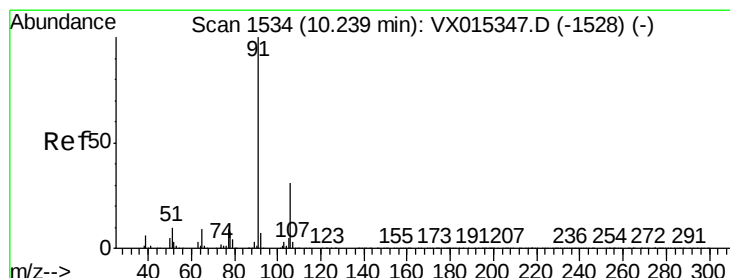
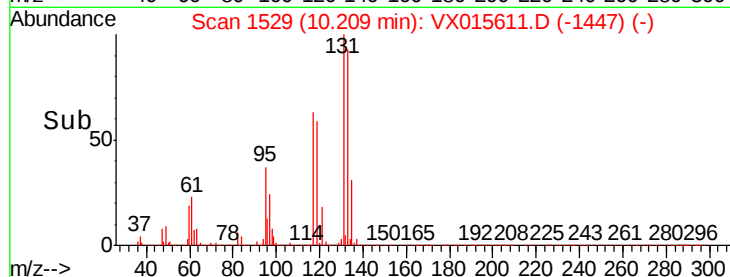
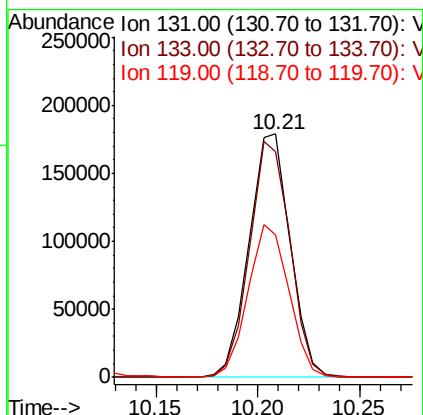
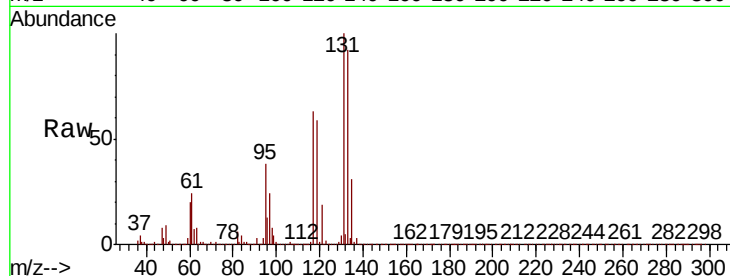
Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	131	Resp:	250980
Ion	Ratio	Lower	Upper
131	100		
133	95.9	0.0	193.6
119	62.2	0.0	128.0



#66

Ethyl Benzene

Concen: 19.735 ug/l

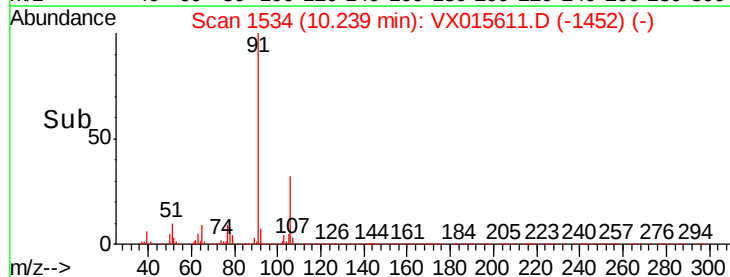
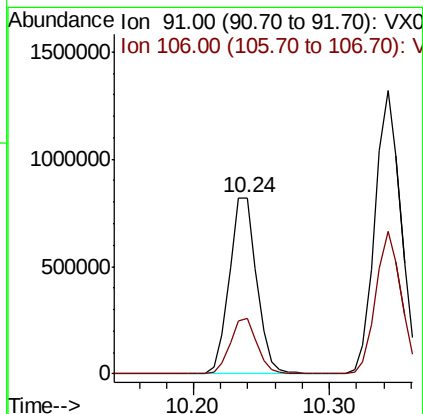
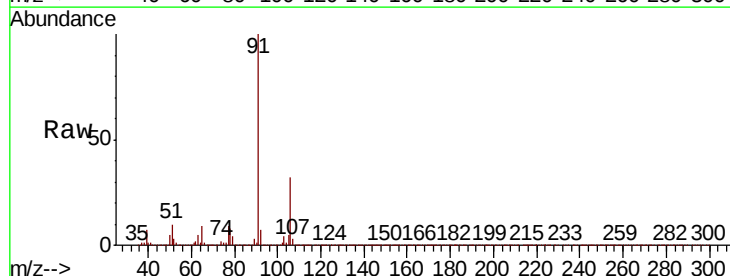
RT: 10.24 min Scan# 1534

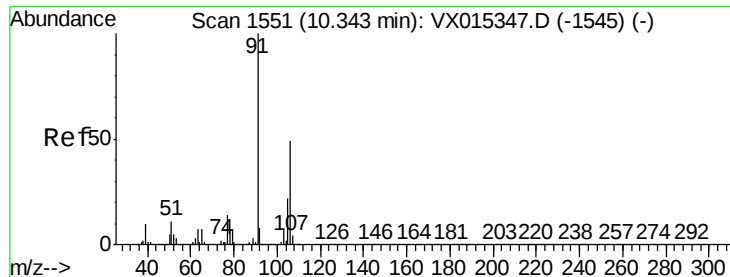
Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Tgt Ion:	91	Resp:	1152244
Ion	Ratio	Lower	Upper
91	100		
106	31.7	25.0	37.6

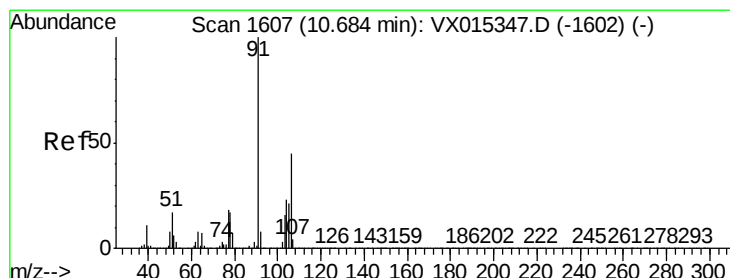
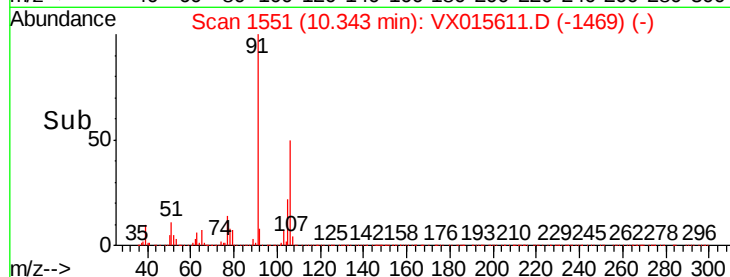
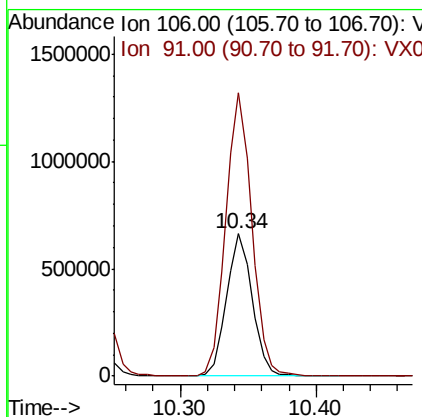
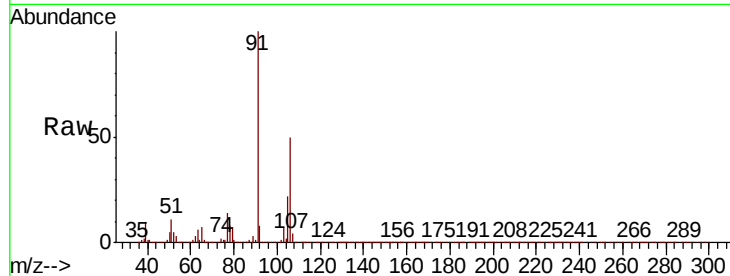




#67
m/p-Xylenes
Concen: 39.432 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

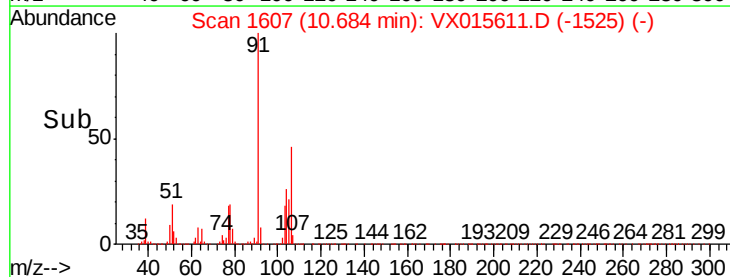
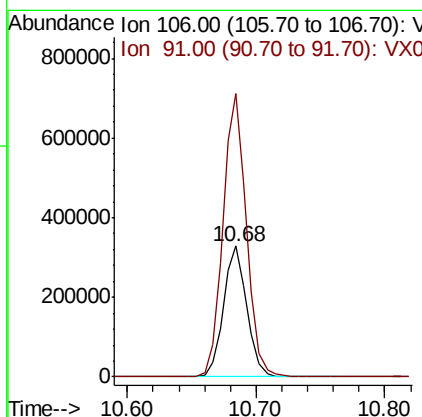
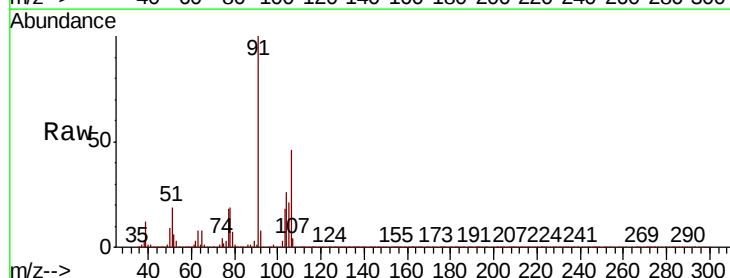
Instrument :
MSVOA_X
ClientSampleId :

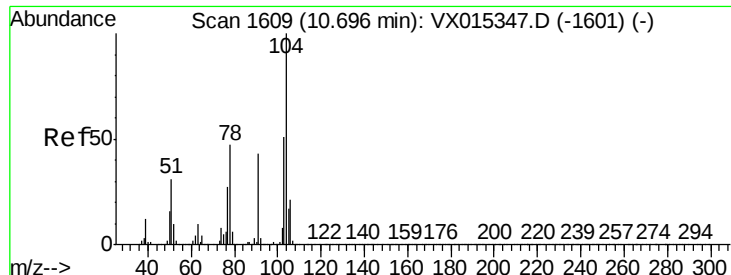
Tot Ion:106 Resp: 871412
Ion Ratio Lower Upper
106 100
91 201.9 165.0 247.4



#68
o-Xylene
Concen: 19.441 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion:106 Resp: 419942
Ion Ratio Lower Upper
106 100
91 215.8 109.1 327.2

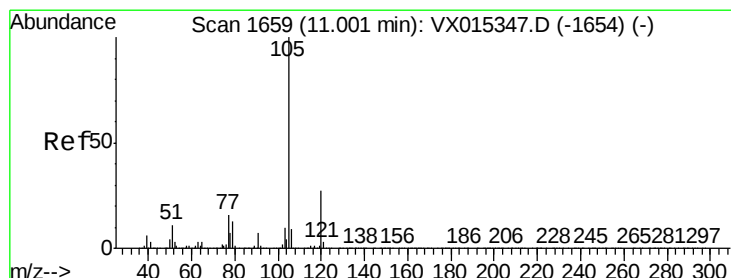
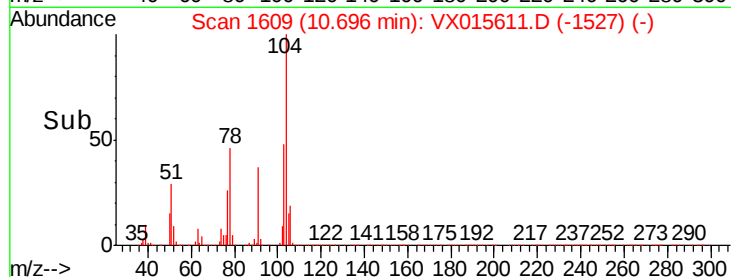
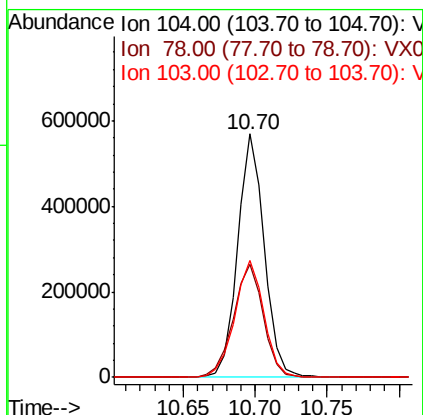
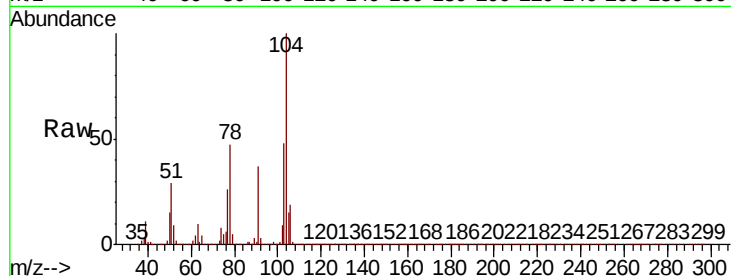




#69
Stvrene
Concen: 19.429 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

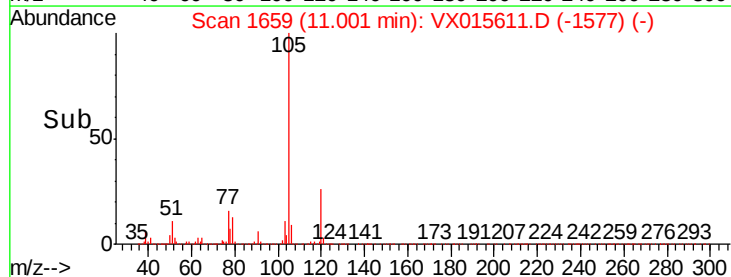
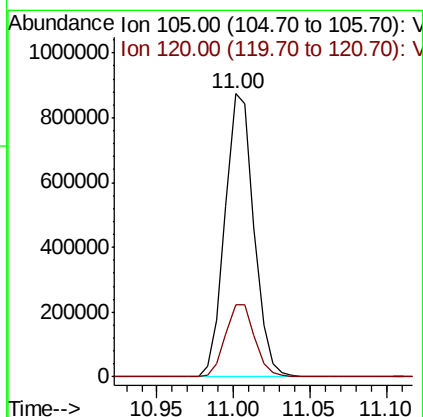
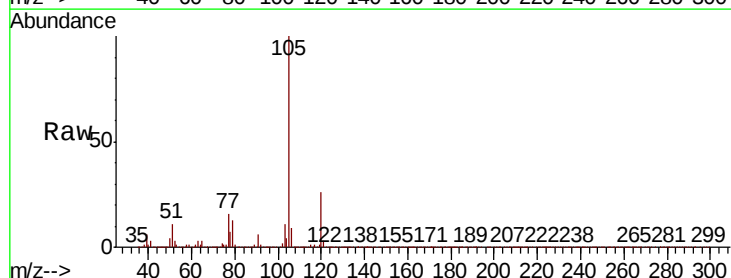
Instrument :
MSVOA_X
ClientSampleId :

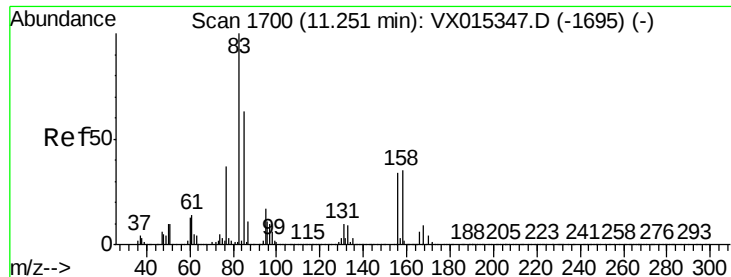
Tot Ion	Ratio	Lower	Upper
104	100		
78	52.4	41.5	62.3
103	53.2	43.4	65.2



#70
Isopropylbenzene
Concen: 19.997 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 19.045 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

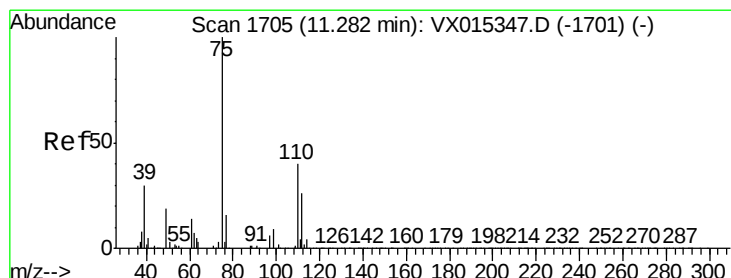
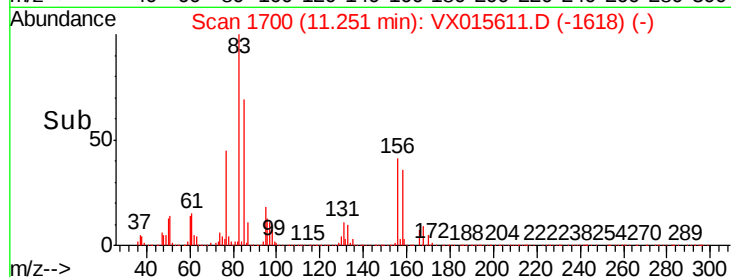
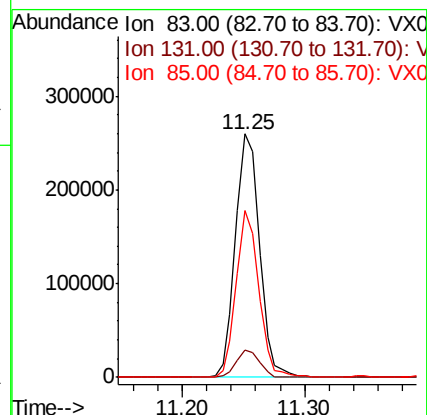
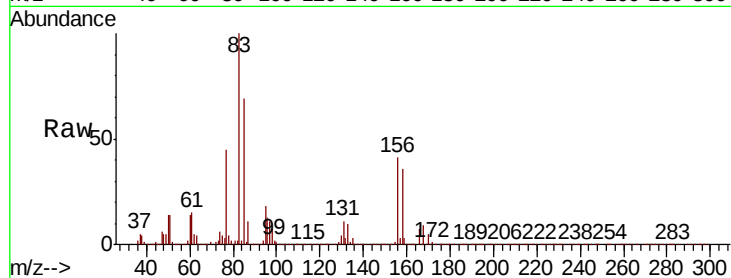
Tot Ion: 83 Resp: 353470

Ion Ratio Lower Upper

83 100

131 10.9 5.3 15.9

85 64.1 32.0 96.2



#72

1,2,3-Trichloropropane

Concen: 24.050 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015611.D

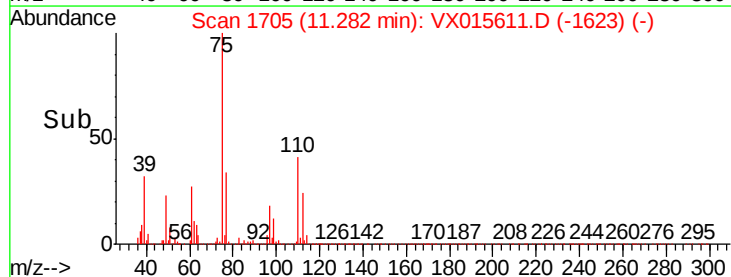
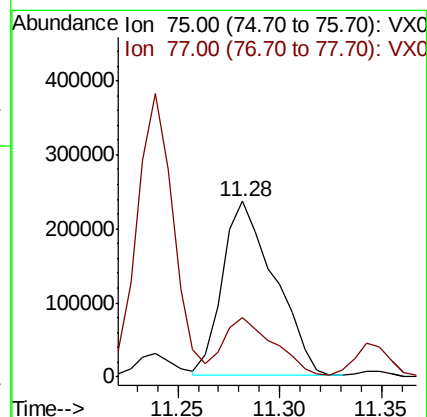
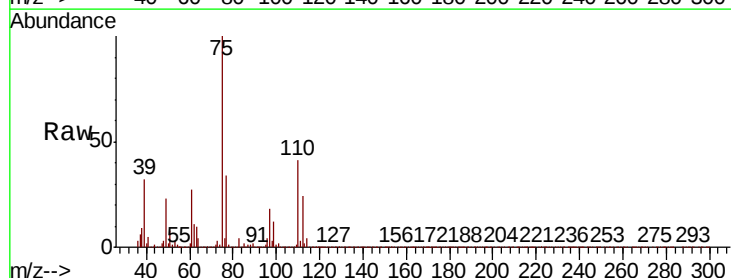
Acq: 10 Apr 2020 11:18

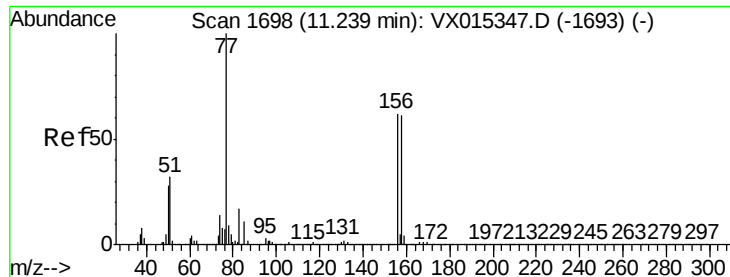
Tgt Ion: 75 Resp: 417657

Ion Ratio Lower Upper

75 100

77 33.1 0.0 80.0





#73

Bromobenzene

Concen: 19.456 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

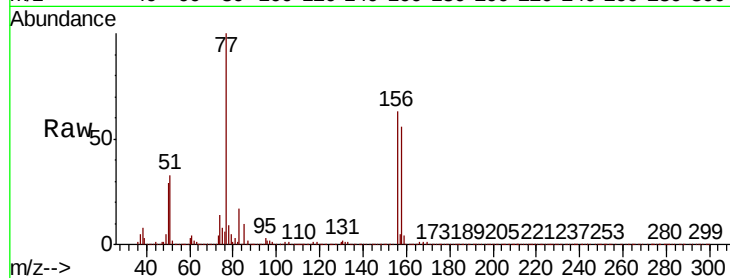
Tot Ion:156 Resp: 299070

Ion Ratio Lower Upper

156 100

77 158.0 0.0 324.4

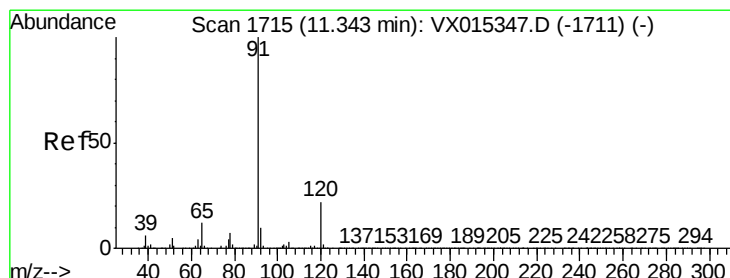
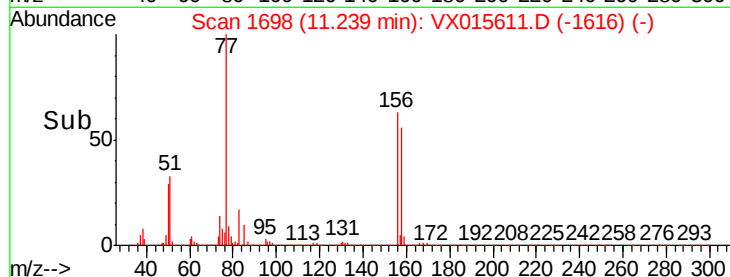
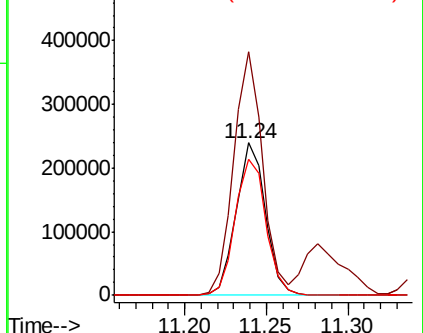
158 93.8 0.0 200.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.907 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015611.D

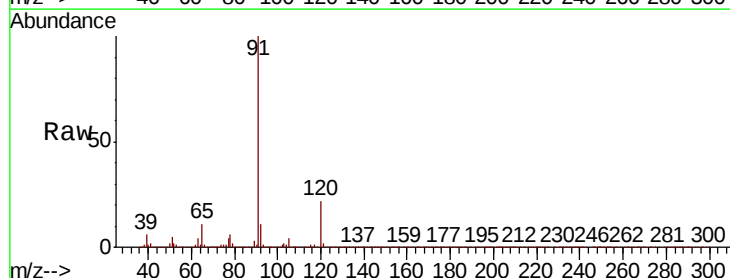
Acq: 10 Apr 2020 11:18

Tgt Ion: 91 Resp: 1307500

Ion Ratio Lower Upper

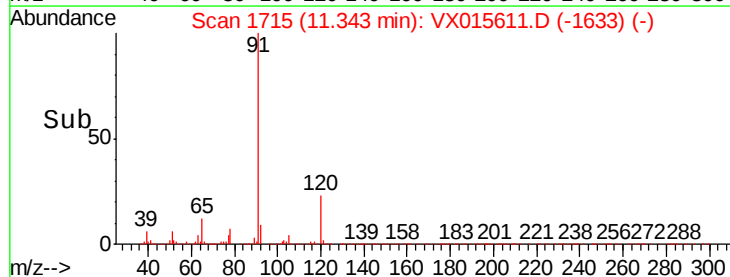
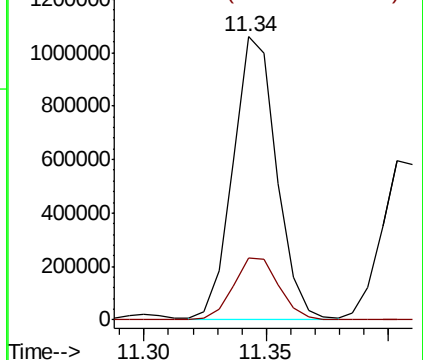
91 100

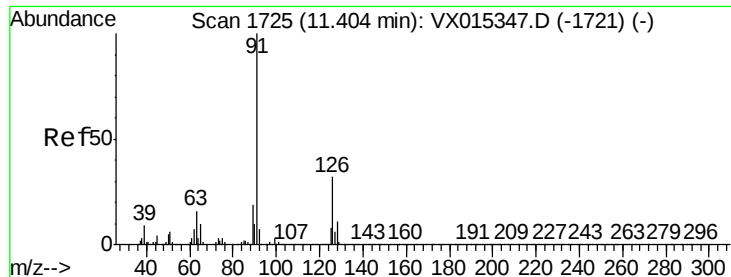
120 22.8 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.475 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

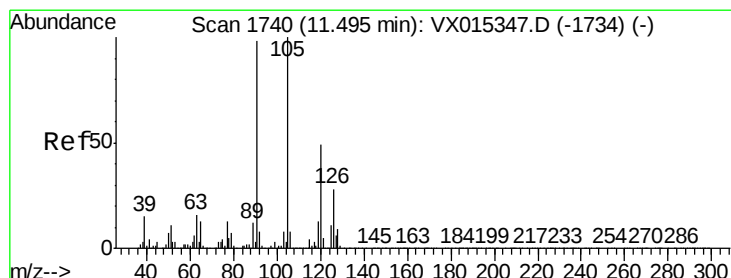
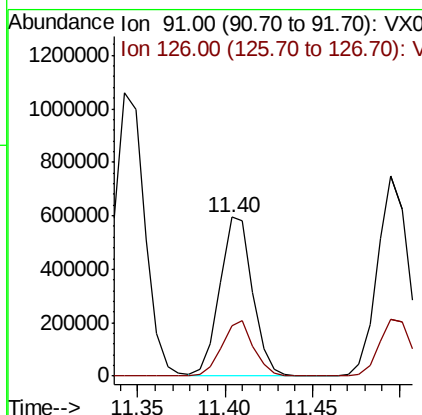
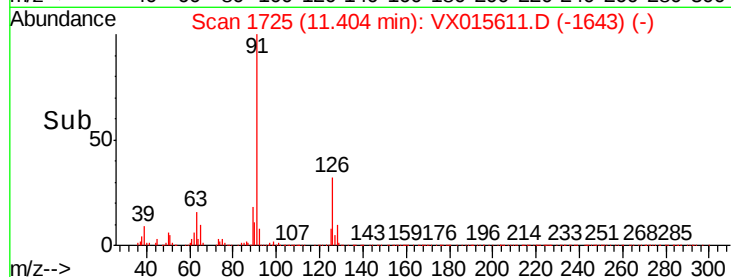
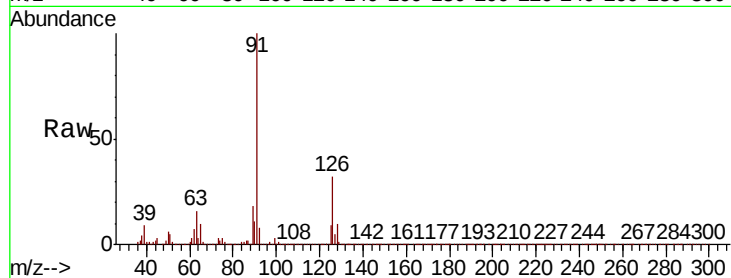
ClientSampleId :

Tot Ion: 91 Resp: 777983

Ion Ratio Lower Upper

91 100

126 33.4 0.0 65.2



#76

1,3,5-Trimethylbenzene

Concen: 19.900 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015611.D

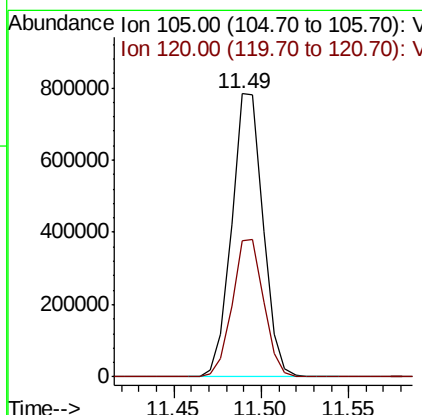
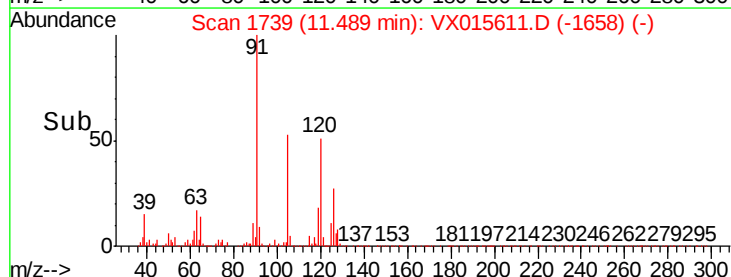
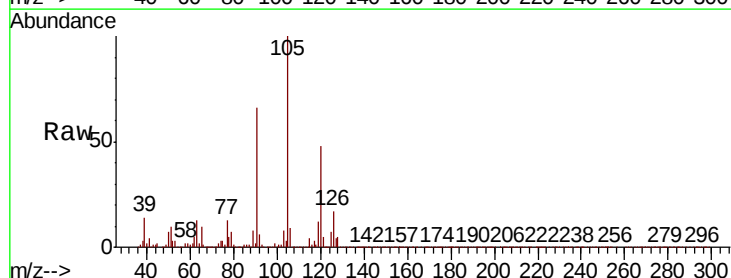
Acq: 10 Apr 2020 11:18

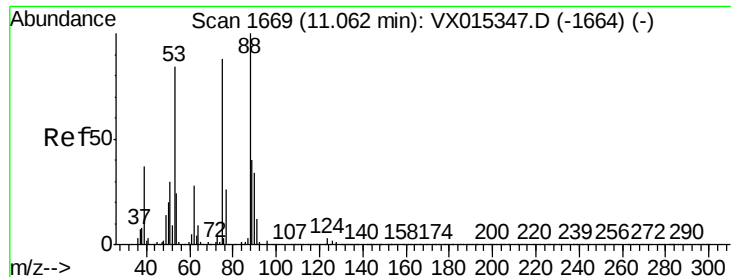
Tgt Ion: 105 Resp: 978559

Ion Ratio Lower Upper

105 100

120 48.7 0.0 98.0

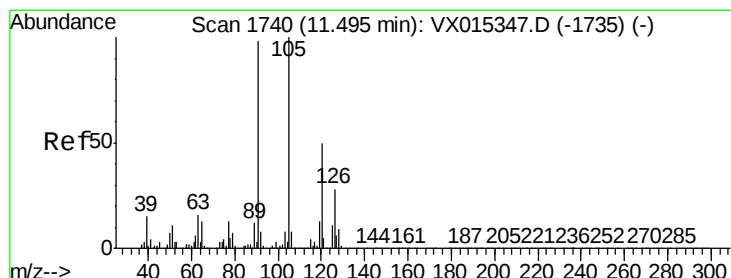
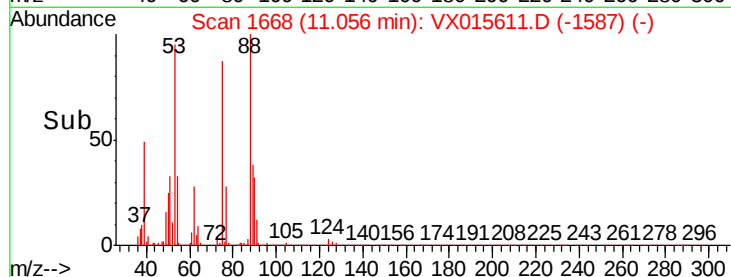
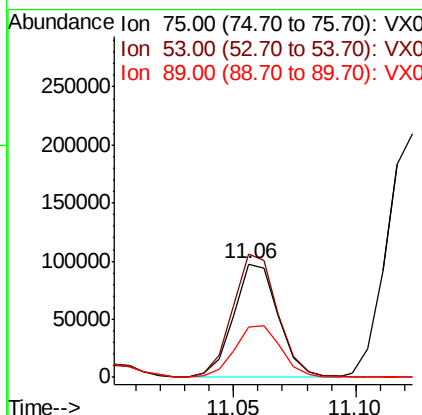
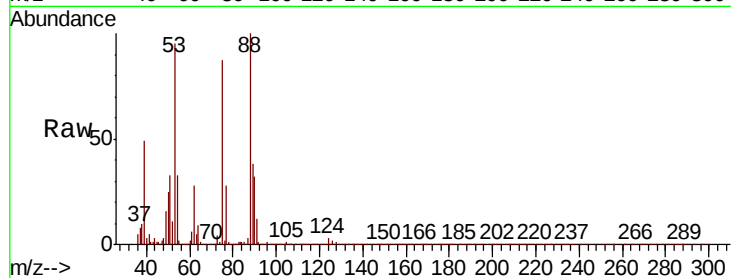




#77
t-1,4-Dichloro-2-butene
Concen: 16.513 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

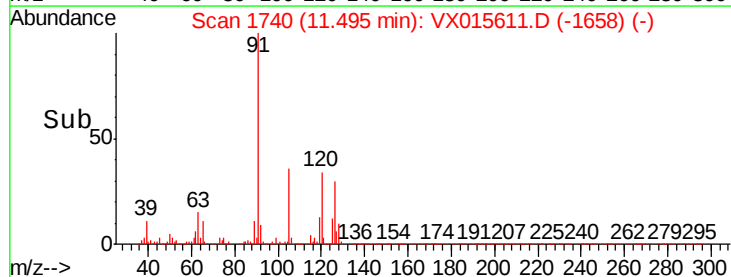
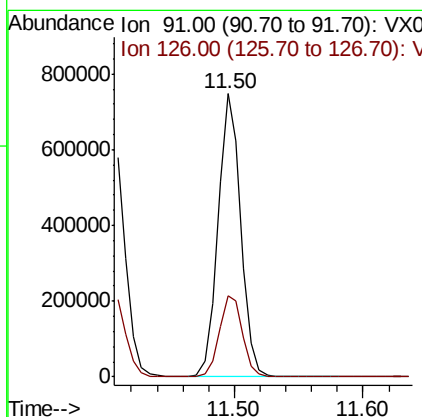
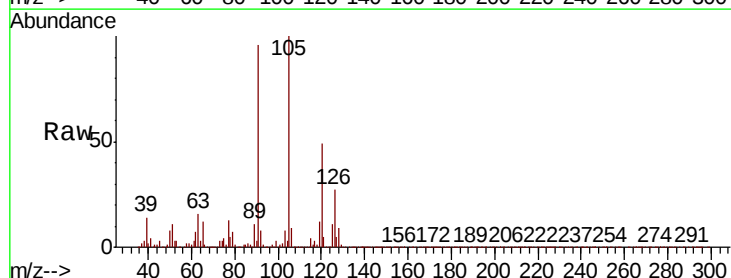
Instrument :
MSVOA_X
ClientSampleId :

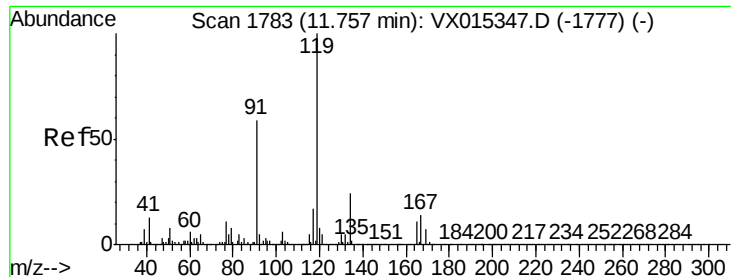
Tot Ion	Ratio	Lower	Upper
75	100		
53	109.0	47.5	142.6
89	43.7	22.8	68.3



#78
4-Chlorotoluene
Concen: 20.048 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	0.0	57.8

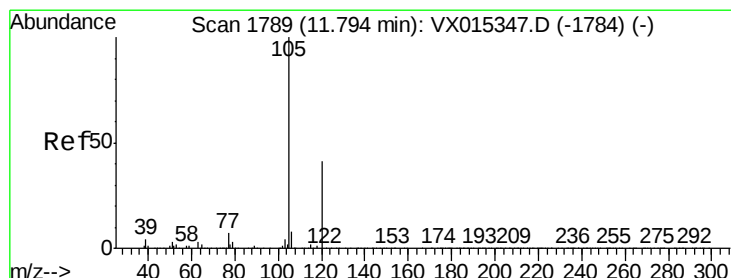
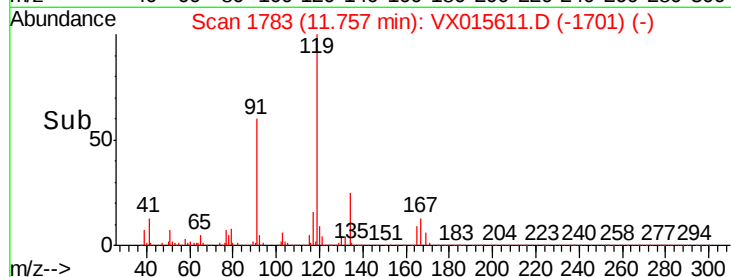
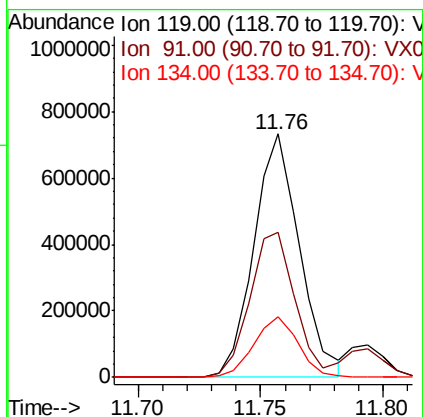
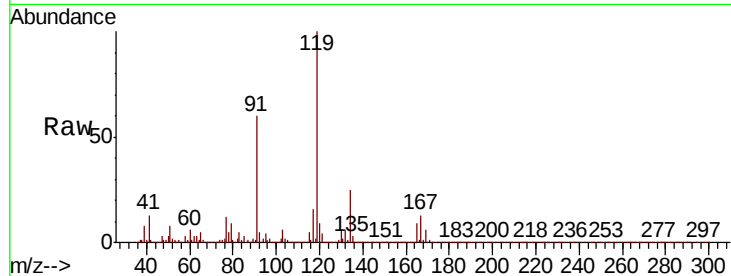




#79
tert-butylbenzene
Concen: 19.307 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

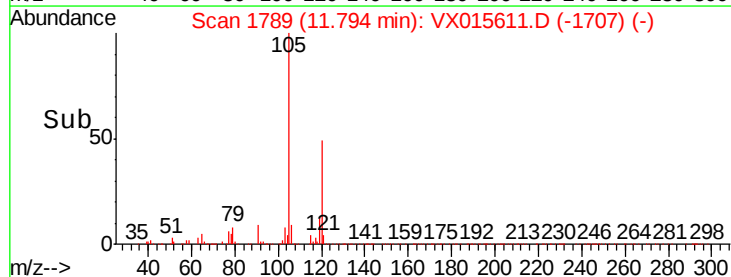
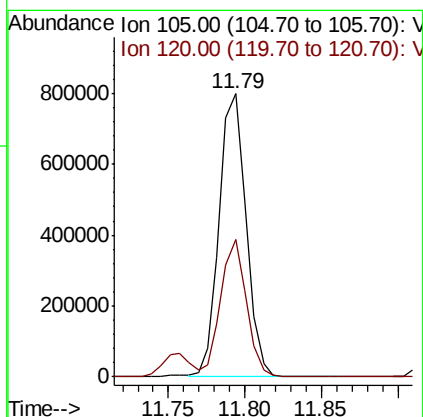
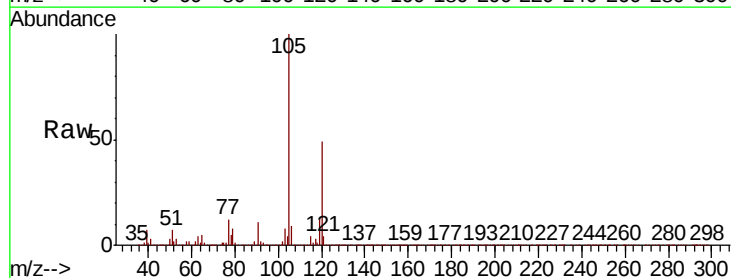
Instrument :
MSVOA_X
ClientSampleId :

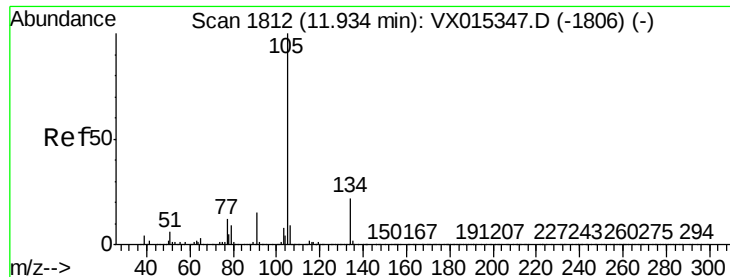
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.7	0.0	115.8
134	24.0	0.0	47.0



#80
1,2,4-Trimethylbenzene
Concen: 19.629 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	0.0	91.0

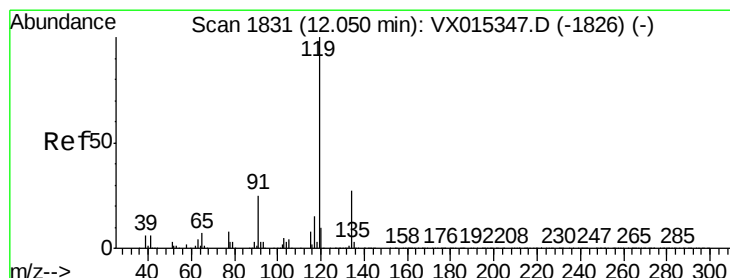
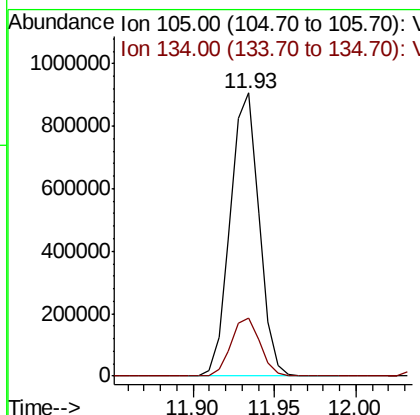
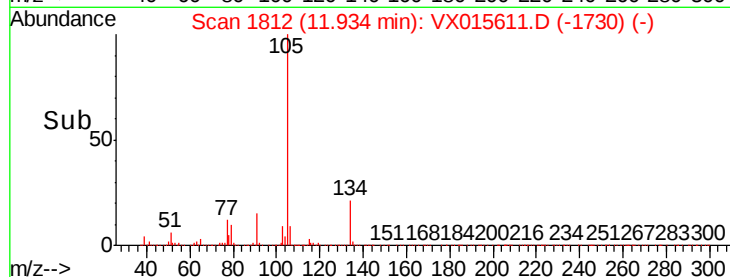
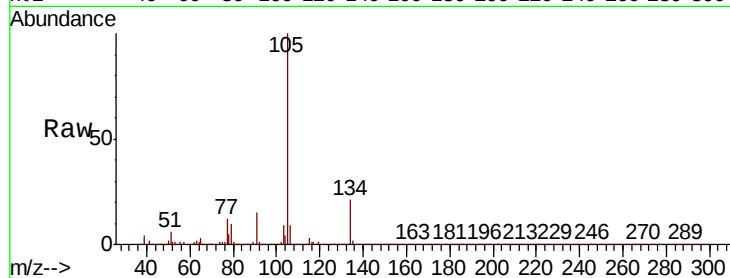




#81
 sec-Butylbenzene
 Concen: 19.780 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

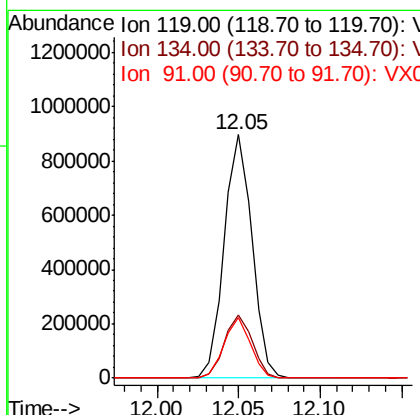
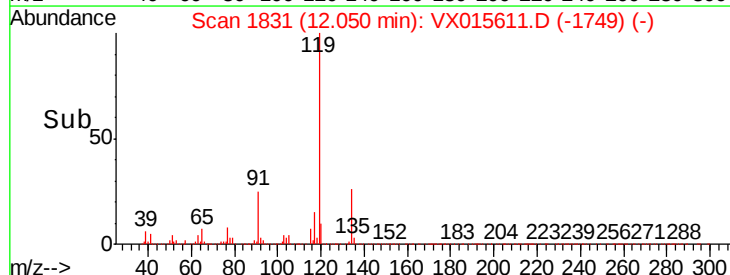
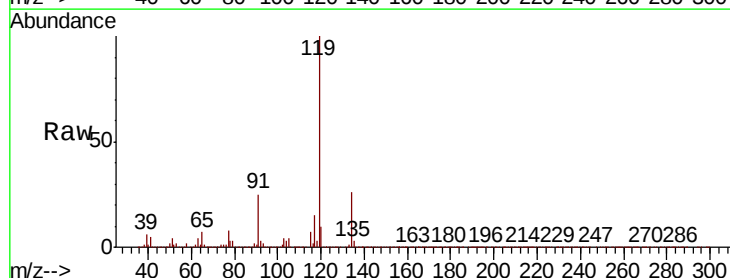
Instrument :
 MSVOA_X
 ClientSampled :

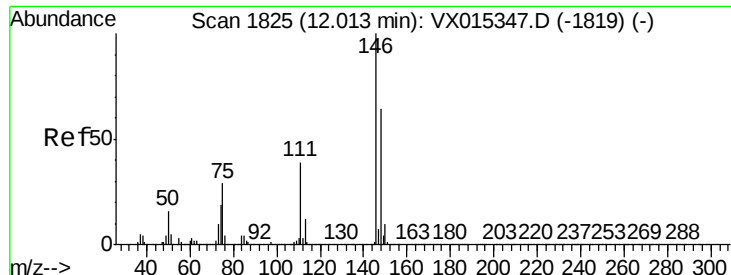
Tot Ion:105 Resp: 1115180
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 19.983 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Tgt Ion:119 Resp: 1061844
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 53.2
 91 23.9 0.0 48.2

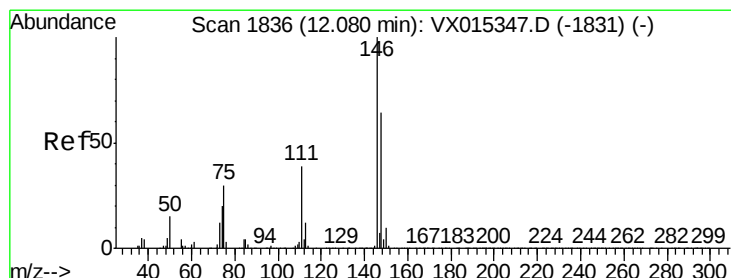
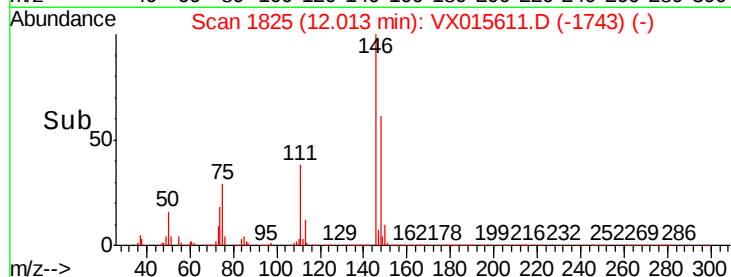
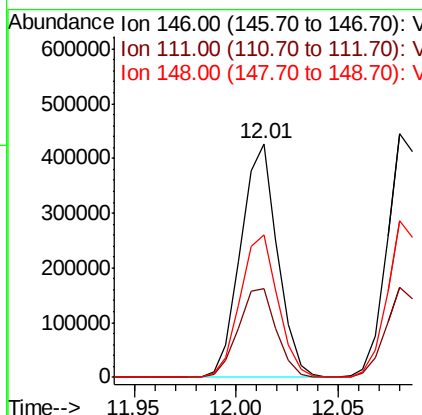
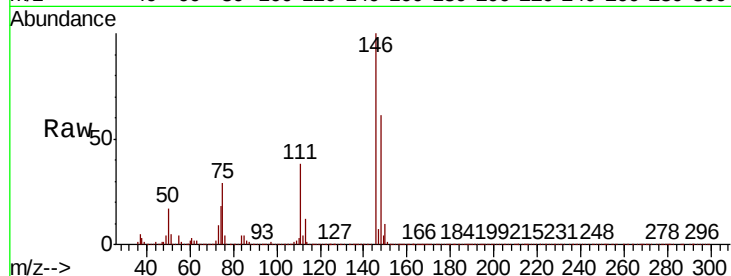




#83
 1,3-Dichlorobenzene
 Concen: 19.351 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

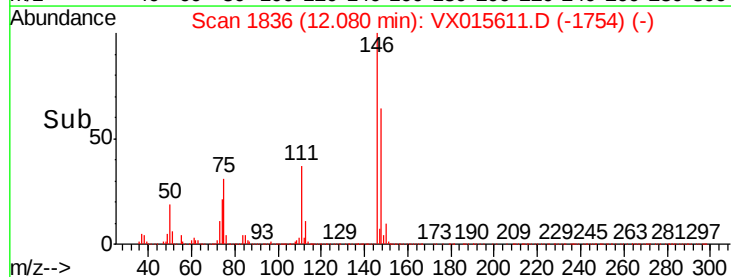
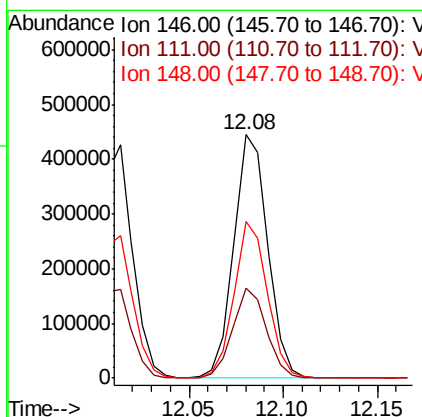
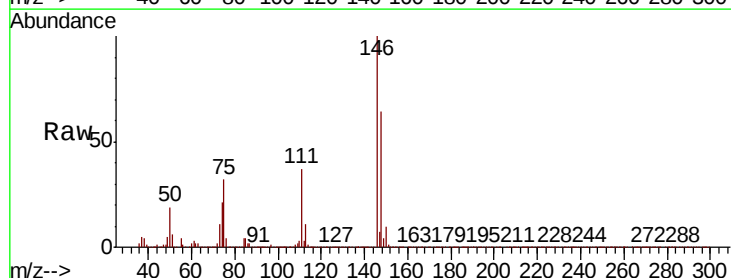
Instrument :
 MSVOA_X
 ClientSampled :

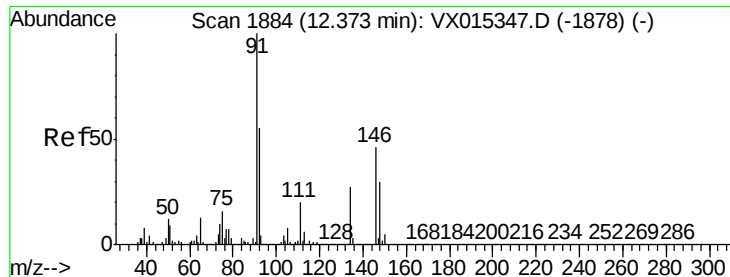
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.1	60.2
148	62.3	31.4	94.2



#84
 1,4-Dichlorobenzene
 Concen: 20.153 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.9	56.9
148	63.0	31.4	94.3

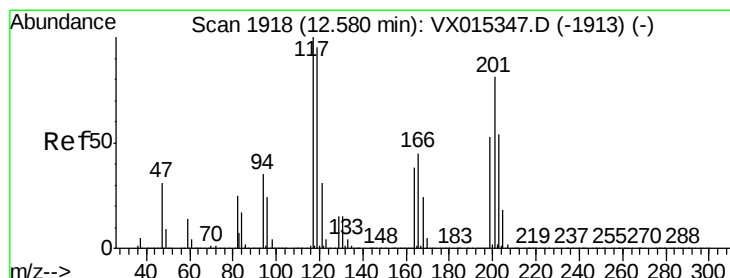
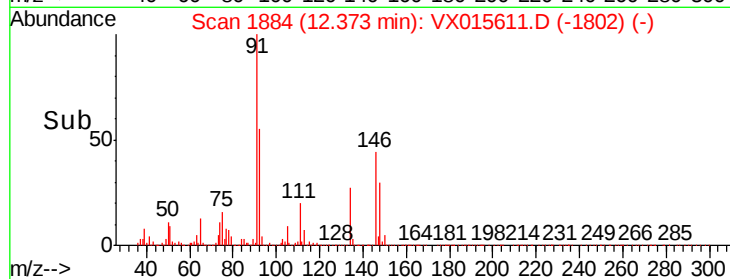
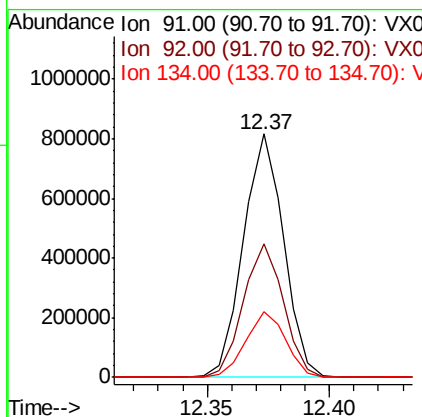
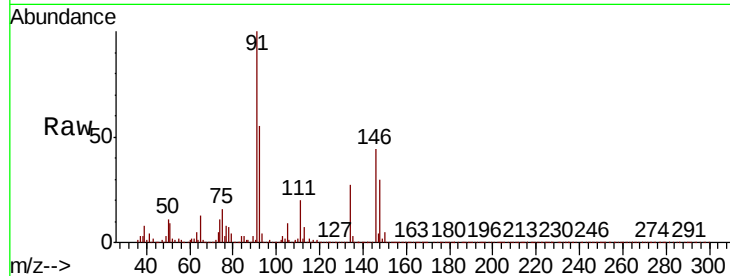




#85
n-Butylbenzene
Concen: 19.752 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

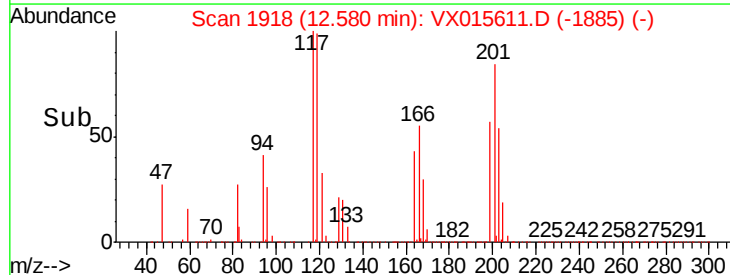
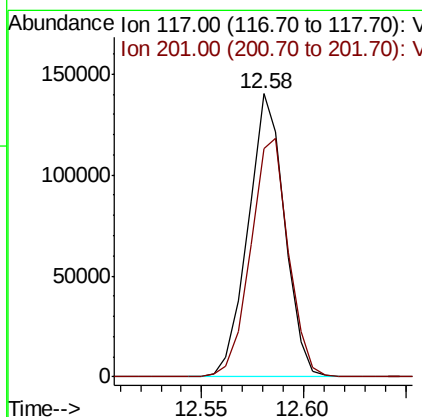
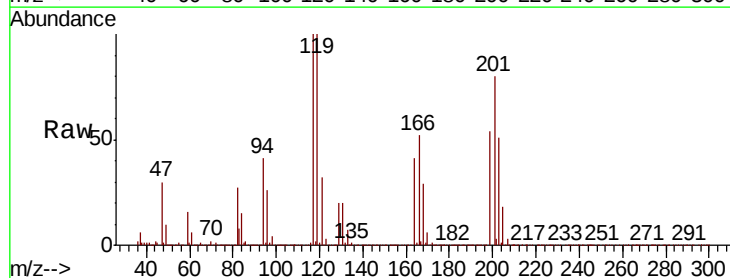
Instrument :
MSVOA_X
ClientSampled :

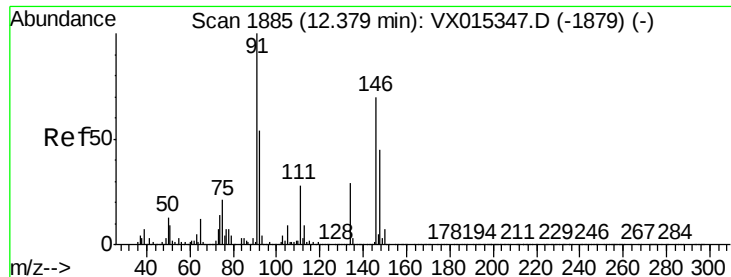
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	0.0	109.0
134	26.8	0.0	54.0



#86
Hexachloroethane
Concen: 17.086 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.7	44.9	134.5

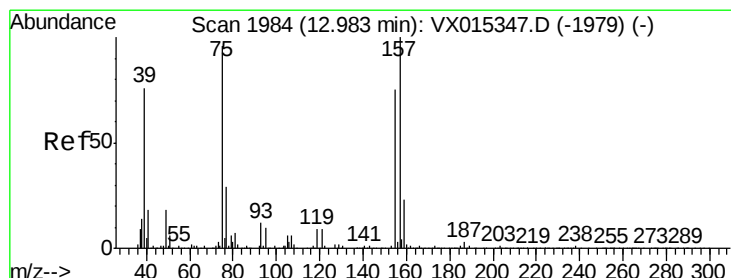
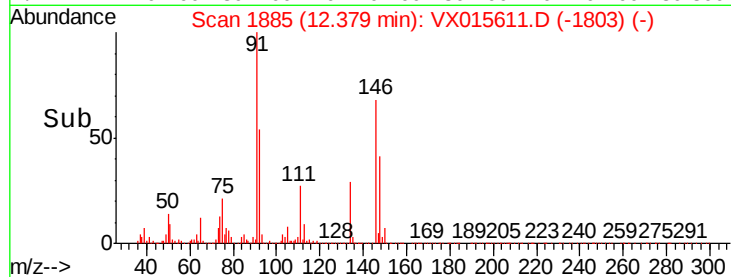
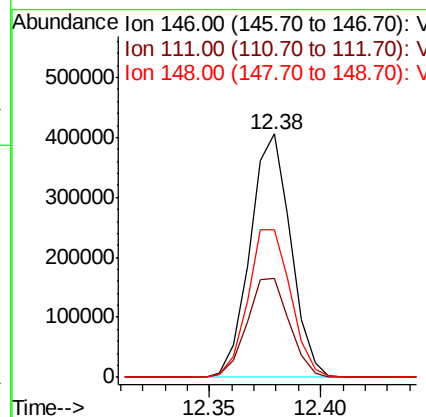
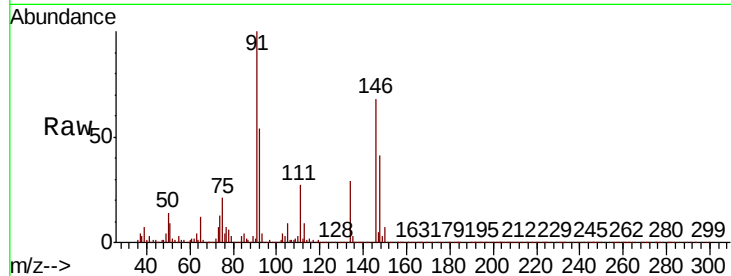




#87
 1,2-Dichlorobenzene
 Concen: 19.168 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

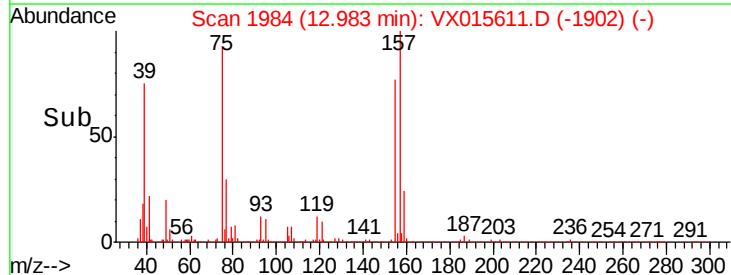
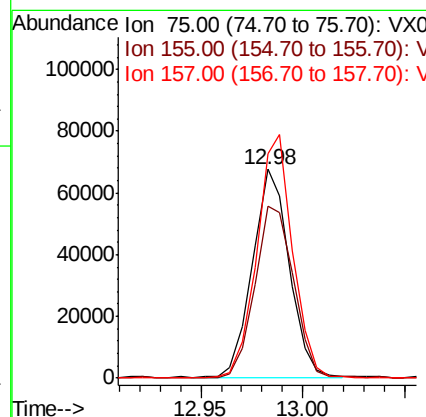
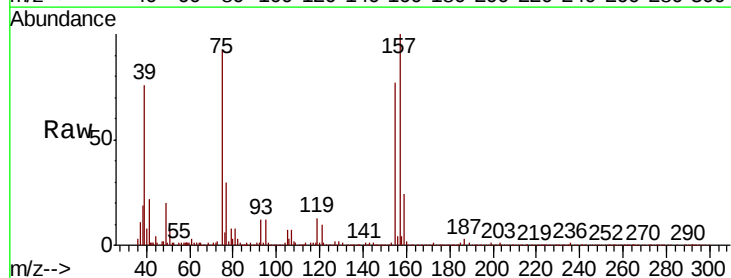
Instrument :
 MSVOA_X
 ClientSampled :

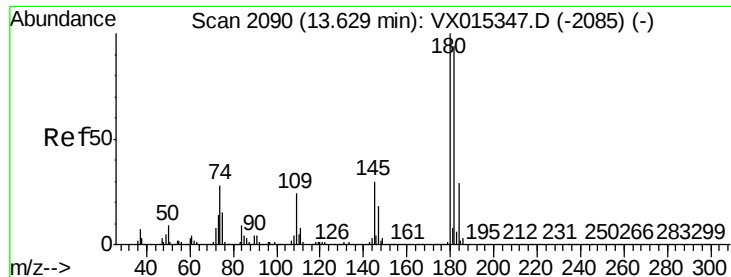
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.4	61.2
148	64.0	31.9	95.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.457 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.3	67.7	101.5
157	112.9	88.5	132.7

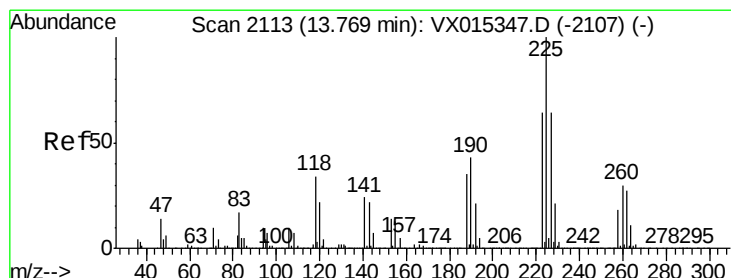
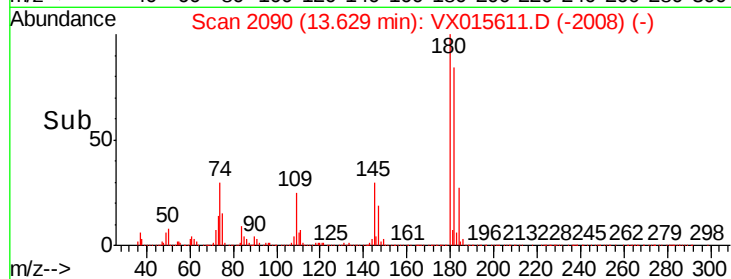
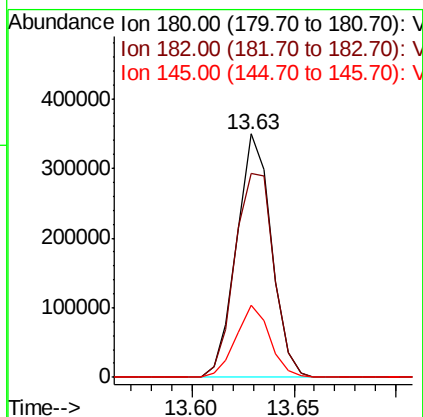
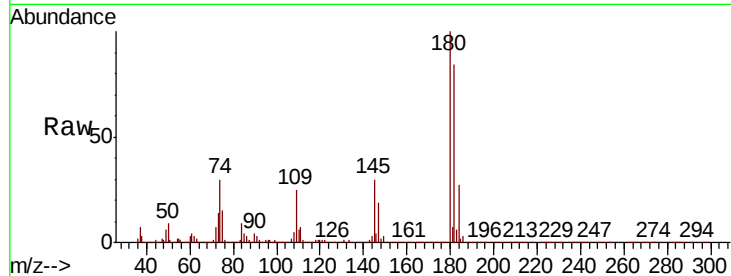




#89
 1,2,4-Trichlorobenzene
 Concen: 19.074 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

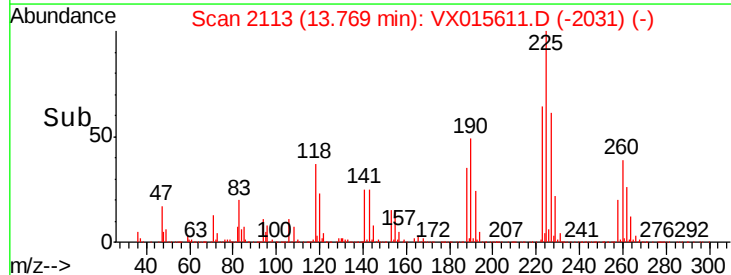
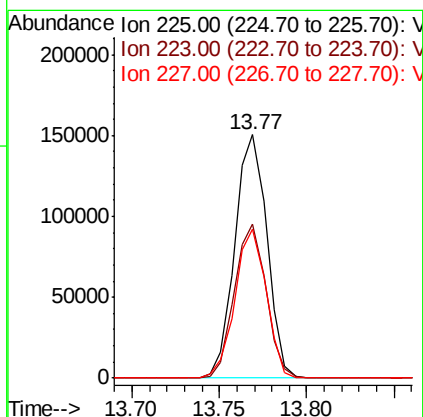
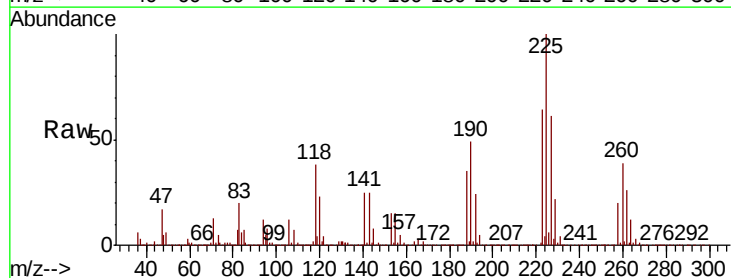
Instrument :
 MSVOA_X
 ClientSampleId :

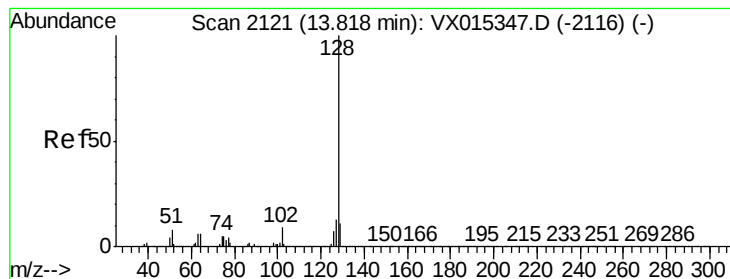
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.9	115.3
145	28.9	24.3	36.5



#90
 Hexachlorobutadiene
 Concen: 16.813 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	0.0	127.0
227	59.7	0.0	126.8





#91

Naphthalene

Concen: 19.129 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampled :

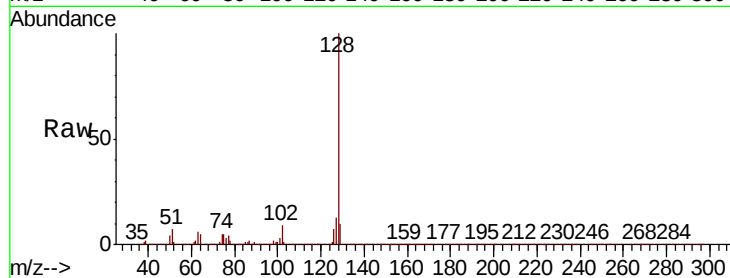
Tot Ion:128 Resp: 1203243

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

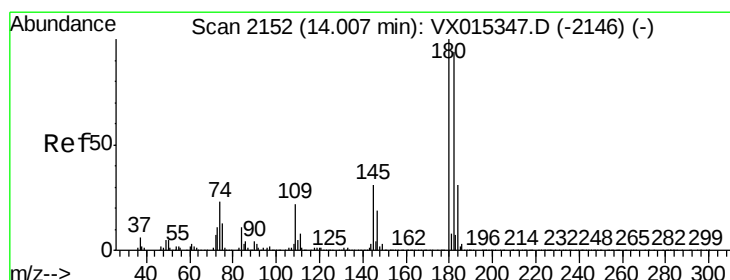
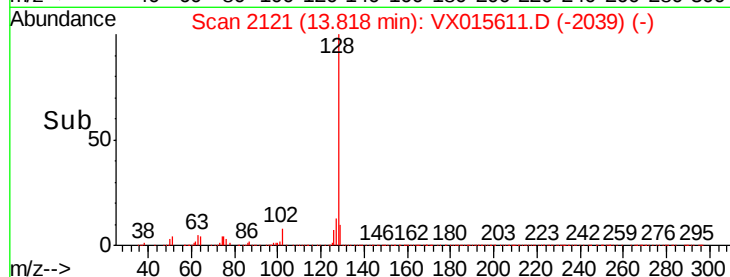
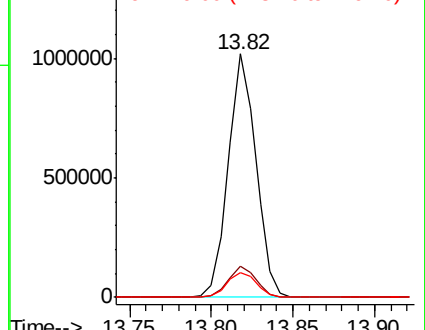
129 10.9 8.9 13.3



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: 18.647 ug/l

RT: 14.01 min Scan# 2152

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

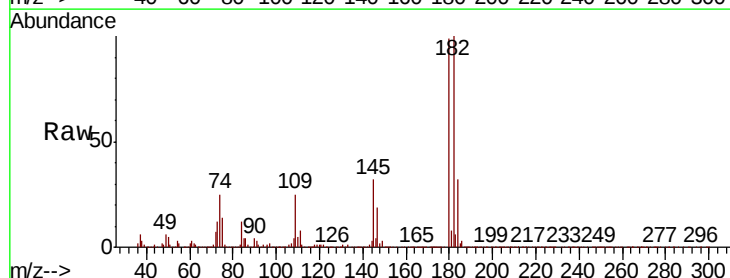
Tgt Ion:180 Resp: 402392

Ion Ratio Lower Upper

180 100

182 94.3 0.0 191.0

145 31.6 0.0 62.2



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

