

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043020\
 Data File : VX015988.D
 Acq On : 30 Apr 2020 10:54
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 30 12:31:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:23:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	50255	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	280577	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	257270	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	119054	30.39	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.30%
60) 4-Bromofluorobenzene	11.12	95	128341	29.46	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.20%
63) Toluene-d8	8.70	98	339060	30.98	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	70108	23.634	ug/l 100
3) Chloromethane	1.32	50	66864	20.637	ug/l 100
4) Vinyl Chloride	1.40	62	74287	22.481	ug/l 100
5) Bromomethane	1.64	94	50845	27.353	ug/l 100
6) Chloroethane	1.71	64	48933	23.346	ug/l 100
7) Trichlorofluoromethane	1.92	101	105688	22.476	ug/l 100
8) Diethyl Ether	2.17	74	40944	22.561	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	53063	19.239	ug/l 100
10) 1,1-Dichloroethene	2.36	96	54147	19.379	ug/l 100
11) Methyl Iodide	2.50	142	70263	18.937	ug/l 100
12) Methyl Acetate	2.75	43	96970	21.759	ug/l 100
13) Acrolein	2.28	56	32530	69.526	ug/l 100
14) Acrylonitrile	3.12	53	171341	97.536	ug/l 100
15) Acetone	2.42	58	44906	99.402	ug/l 100
16) Carbon Disulfide	2.56	76	161988	19.548	ug/l 100
17) Allyl chloride	2.71	41	100059	17.044	ug/l 100
18) Methylene Chloride	2.84	84	59787	19.122	ug/l 100
19) trans-1,2-Dichloroethene	3.15	96	58226	19.233	ug/l 100
20) Diisopropyl ether	3.83	45	190578	17.797	ug/l 100
21) 1,1-Dichloroethane	3.68	63	107161	18.868	ug/l 100
22) cis-1,2-Dichloroethene	4.57	96	65129	18.814	ug/l 100
23) tert-Butyl Alcohol	3.01	59	84217	97.855	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	191674	18.817	ug/l 100
25) Chloroform	5.18	83	108175	19.041	ug/l 100
26) Cyclohexane	5.56	56	97627	18.167	ug/l 100
29) 1,1-Dichloropropene	5.78	75	81028	18.938	ug/l 100
30) 2-Butanone	4.64	43	243853	95.683	ug/l 100
31) 2,2-Dichloropropane	4.55	77	99295	19.299	ug/l 100
32) 1,1,1-Trichloroethane	5.47	97	99667	19.173	ug/l 100
33) Carbon Tetrachloride	5.76	117	88048	18.691	ug/l 100
34) Benzene	6.12	78	239002	19.304	ug/l 100
35) Methacrylonitrile	5.01	41	51418	18.220	ug/l 100
36) 1,2-Dichloroethane	6.17	62	91848	19.418	ug/l 100
37) Trichloroethene	7.19	130	89119	22.830	ug/l 100
38) Methylcyclohexane	7.45	83	98625	18.884	ug/l 100
39) 1,2-Dichloropropane	7.49	63	61047	18.696	ug/l 100
40) Dibromomethane	7.64	93	43043	19.420	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	85419	18.201	ug/l	100
42) Vinyl Acetate	3.79	43	793560	87.903	ug/l	100
43) Ethyl Acetate	4.79	43	96447	17.563	ug/l	100
44) Isopropyl Acetate	6.42	43	155616	18.058	ug/l	100
45) 1,4-Dioxane	7.71	88	32460	390.297	ug/l	100
46) Methyl methacrylate	7.74	41	72669	17.238	ug/l	100
47) n-amyl Acetate	10.88	43	131969	17.621	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	98506	18.154	ug/l	100
49) cis-1,3-Dichloropropene	8.41	75	104104	18.562	ug/l	100
50) 1,1,2-Trichloroethane	9.20	97	59139	18.828	ug/l	100
51) Ethyl methacrylate	9.16	69	94445	17.805	ug/l	100
52) 1,3-Dichloropropane	9.35	76	103621	19.077	ug/l	100
53) Dibromochloromethane	9.57	129	65507	17.404	ug/l	100
54) 1,2-Dibromoethane	9.65	107	63832	18.746	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	255896	98.711	ug/l	100
56) Bromoform	10.84	173	47594	15.902	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	472426	96.538	ug/l	100
59) 2-Hexanone	9.47	43	361519	96.443	ug/l	100
61) Tetrachloroethene	9.32	164	99001	24.652	ug/l	100
62) Toluene	8.77	91	254582	19.334	ug/l	100
64) Chlorobenzene	10.12	112	161213	19.046	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	60568	17.979	ug/l	100
66) Ethyl Benzene	10.24	91	289365	19.312	ug/l	100
67) m/p-Xylenes	10.34	106	217497	38.135	ug/l	100
68) o-Xylene	10.68	106	103722	18.755	ug/l	100
69) Styrene	10.70	104	176639	18.476	ug/l	100
70) Isopropylbenzene	11.00	105	281888	19.089	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	42035	10.766	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	114668	25.525	ug/l	83
73) Bromobenzene	11.24	156	71309	18.315	ug/l	100
74) n-propylbenzene	11.35	91	325844	19.179	ug/l	100
75) 2-Chlorotoluene	11.40	91	192547	18.856	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	235660	18.716	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	35447	18.397	ug/l	100
78) 4-Chlorotoluene	11.49	91	226119	19.009	ug/l	100
79) tert-butylbenzene	11.76	119	198910	16.716	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	236943	18.682	ug/l	100
81) sec-Butylbenzene	11.93	105	272331	18.801	ug/l	100
82) p-Isopropyltoluene	12.05	119	251146	18.477	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	125529	17.947	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	124468	17.887	ug/l	100
85) n-Butylbenzene	12.37	91	226108	18.587	ug/l	100
86) Hexachloroethane	12.58	117	42563	16.817	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	123767	18.200	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	21228	17.530	ug/l	100
89) 1,2,4-Trichlorobenzene	13.63	180	89995	16.853	ug/l	100
90) Hexachlorobutadiene	13.77	225	40016	14.903	ug/l	100
91) Naphthalene	13.82	128	290340	18.404	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	85973	16.474	ug/l	100

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QLast Update : Thu Apr 30 12:23:54 2020
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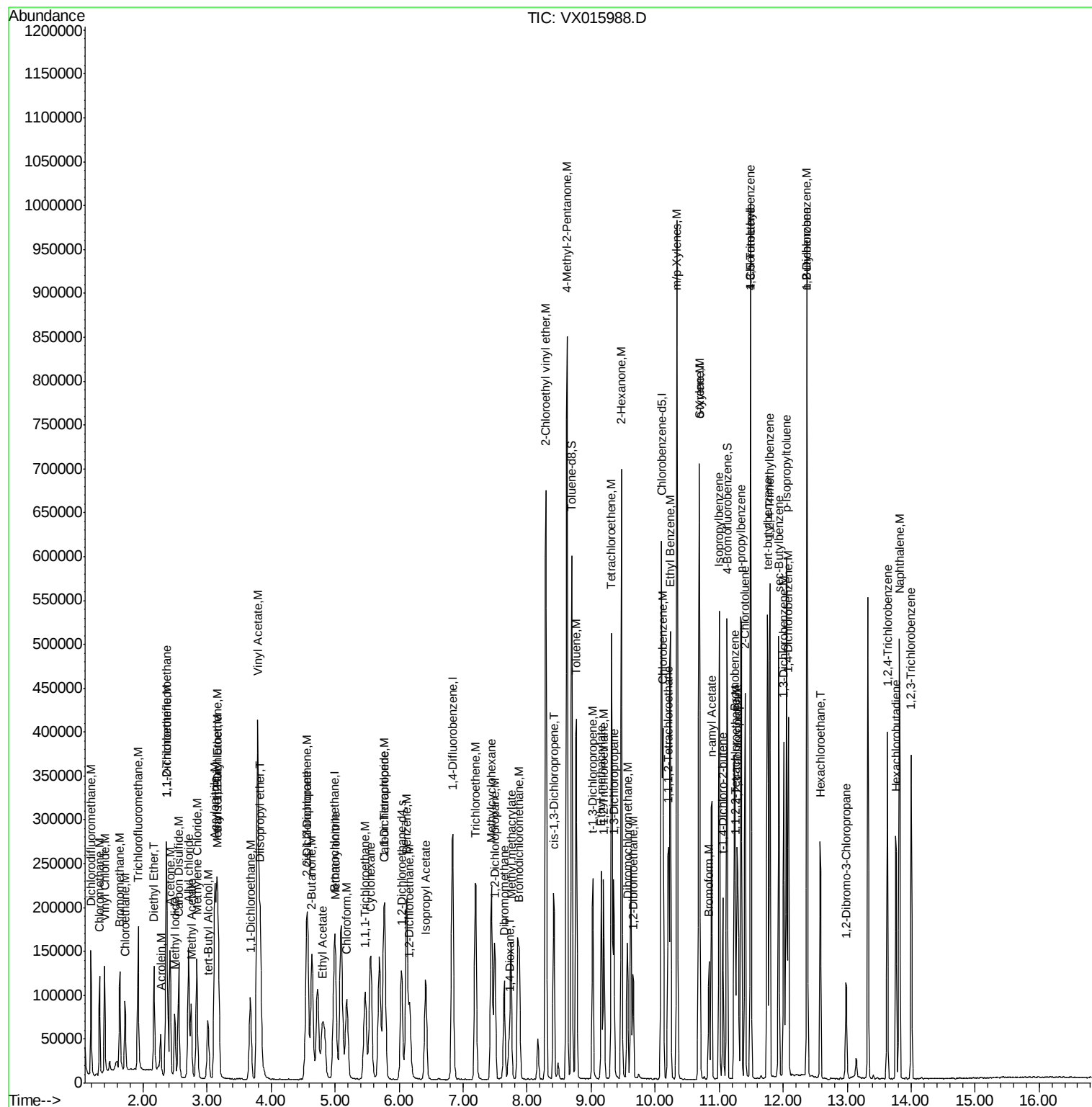
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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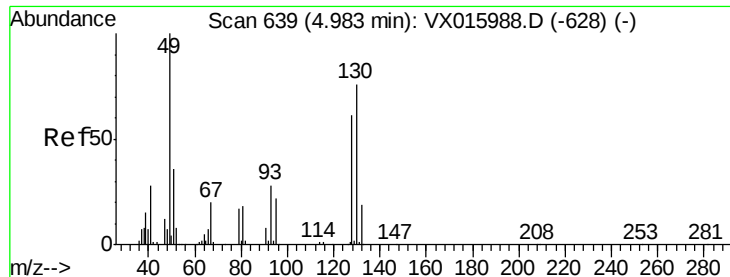
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\WX043020\
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Instrument :
MSVOA_X
ClientSampleID :

Quant Time: Apr 30 12:31:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:23:54 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :

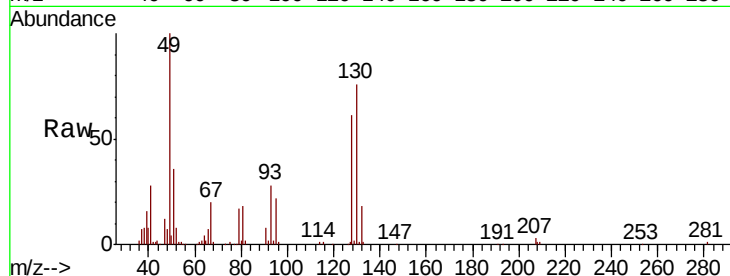
Tot Ion:128 Resp: 50255

Ion Ratio Lower Upper

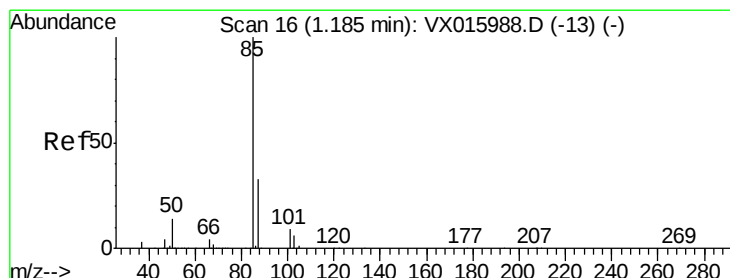
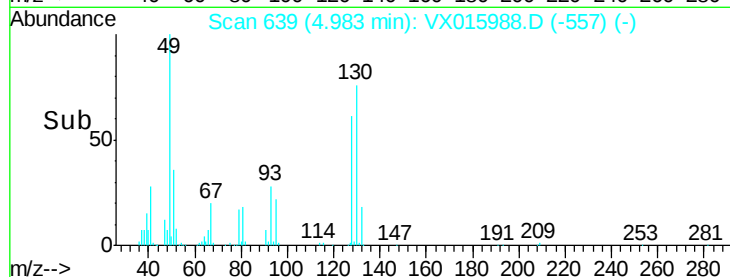
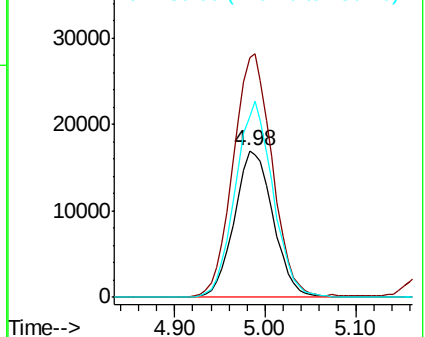
128 100

49 167.4 0.0 418.5

130 130.5 0.0 326.3



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: 23.634 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015988.D

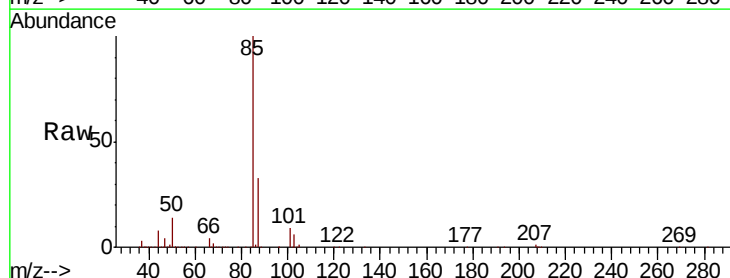
Acq: 30 Apr 2020 10:54

Tgt Ion: 85 Resp: 70108

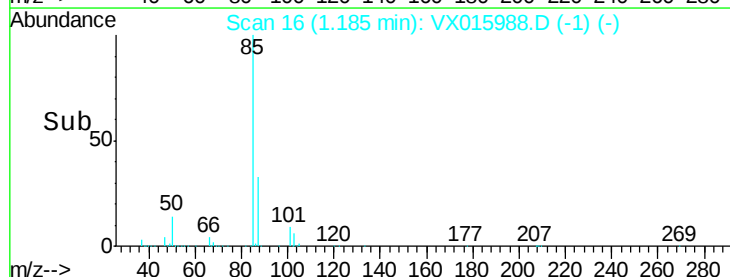
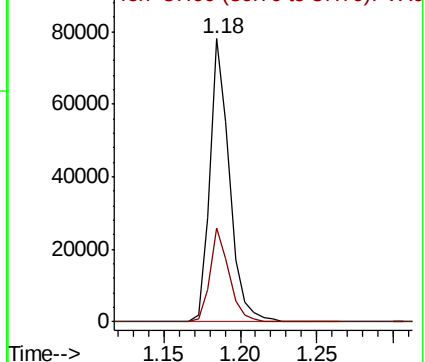
Ion Ratio Lower Upper

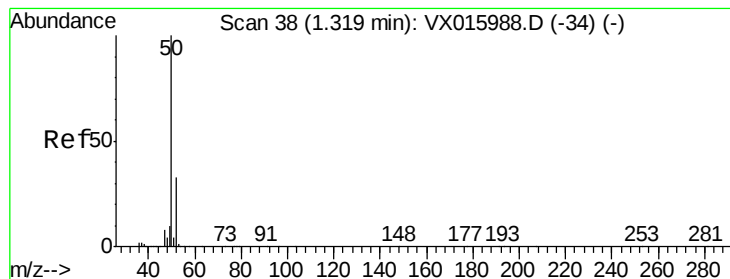
85 100

87 33.1 16.6 49.7



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





#3

Chloromethane

Concen: 20.637 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :

MSVOA_X

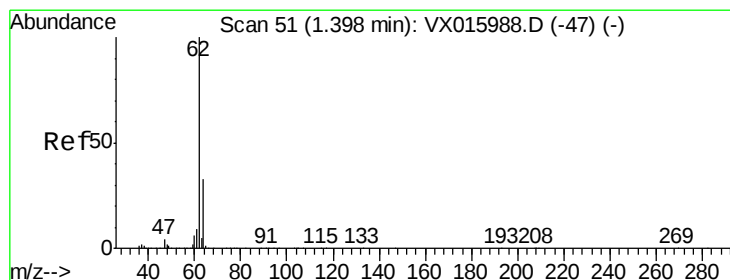
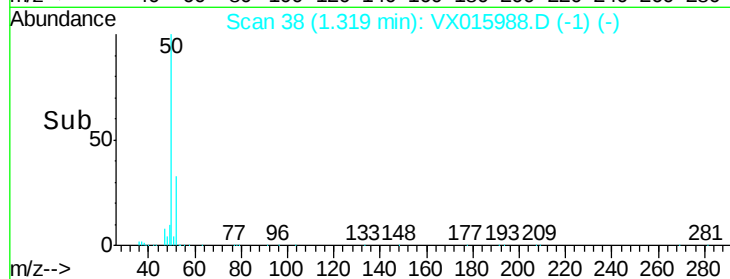
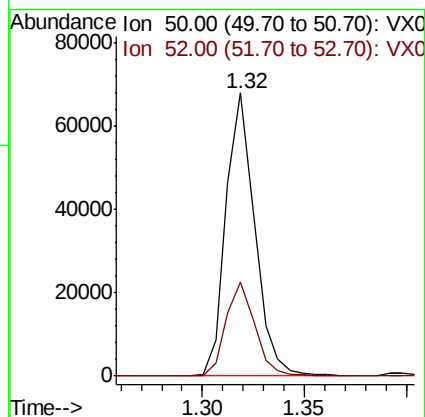
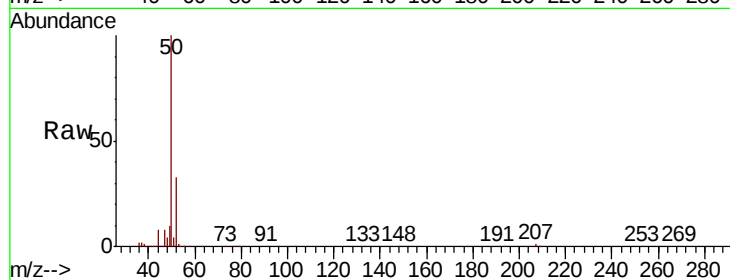
ClientSampleId :

Tot Ion: 50 Resp: 66864

Ion Ratio Lower Upper

50 100

52 33.1 26.5 39.7



#4

Vinyl Chloride

Concen: 22.481 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.00 min

Lab File: VX015988.D

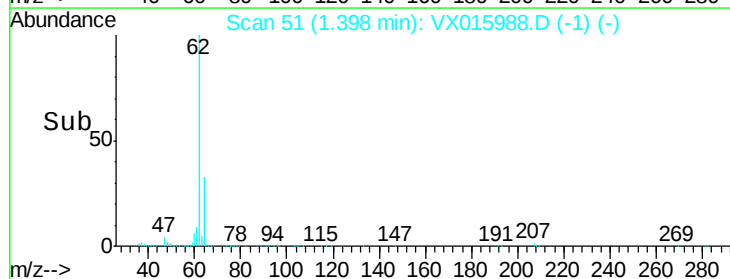
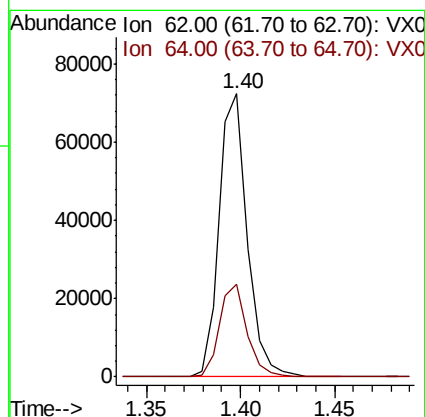
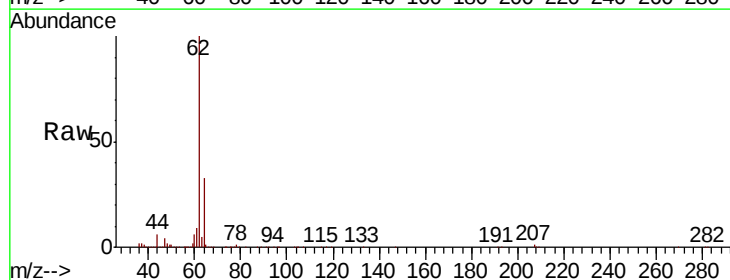
Acq: 30 Apr 2020 10:54

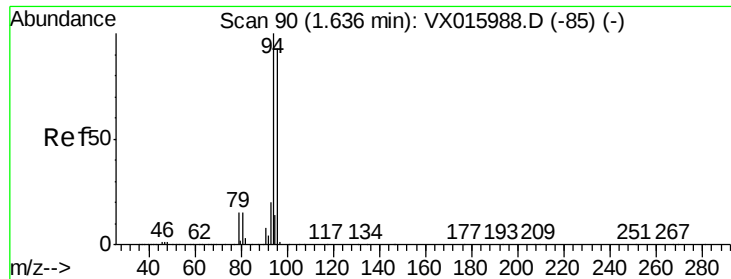
Tgt Ion: 62 Resp: 74287

Ion Ratio Lower Upper

62 100

64 32.9 26.3 39.5





#5

Bromomethane

Concen: 27.353 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :

MSVOA_X

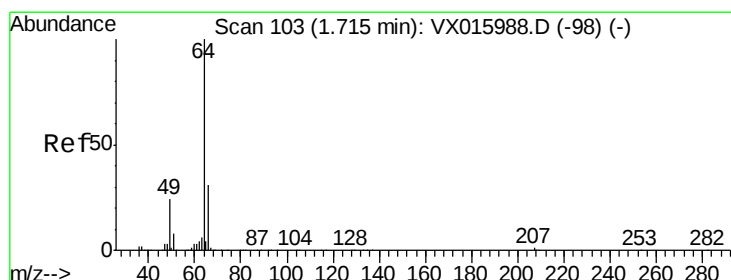
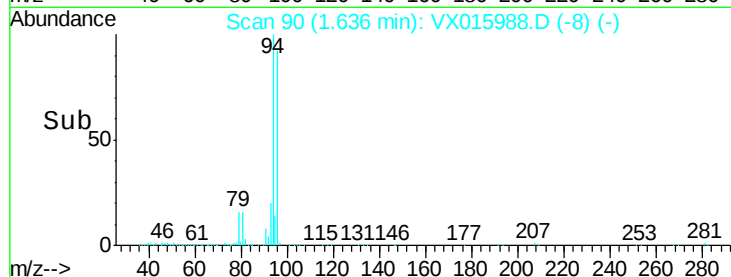
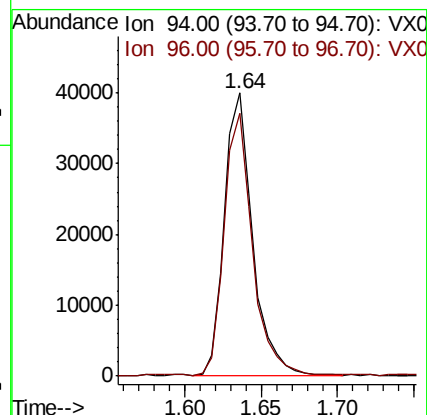
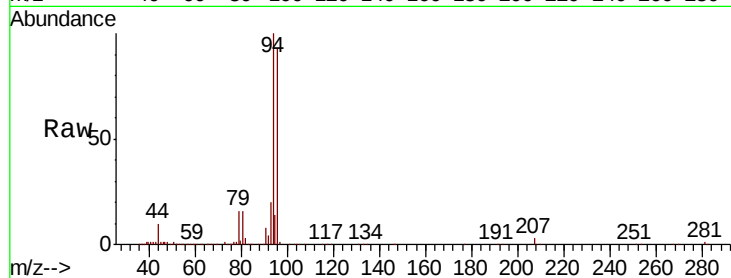
ClientSampleId :

Tot Ion: 94 Resp: 50845

Ion Ratio Lower Upper

94 100

96 92.7 74.2 111.2



#6

Chloroethane

Concen: 23.346 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX015988.D

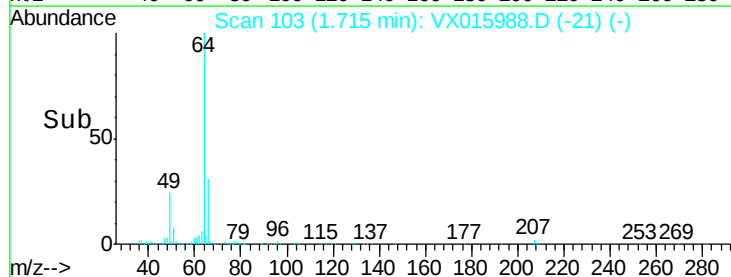
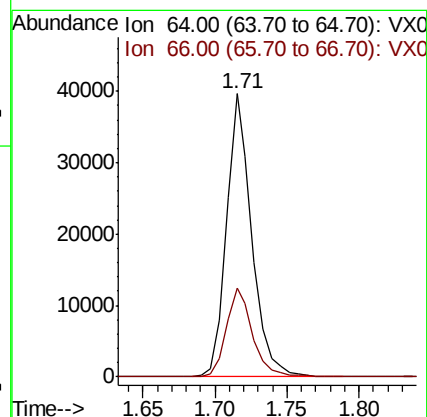
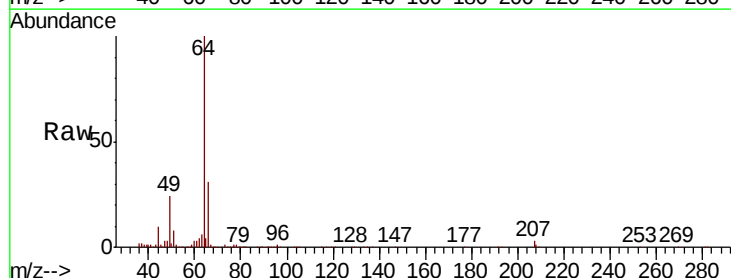
Acq: 30 Apr 2020 10:54

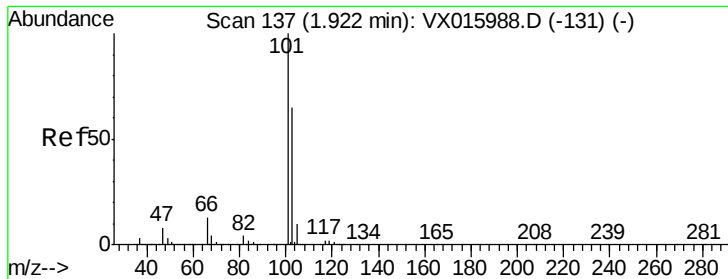
Tgt Ion: 64 Resp: 48933

Ion Ratio Lower Upper

64 100

66 31.1 24.9 37.3



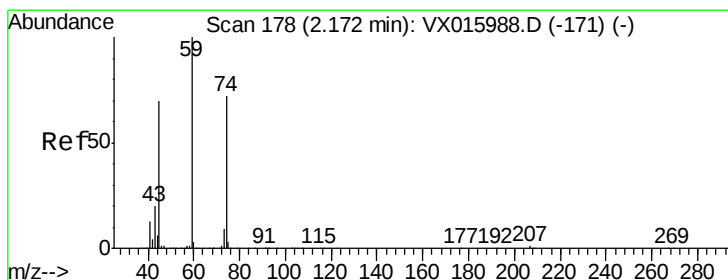
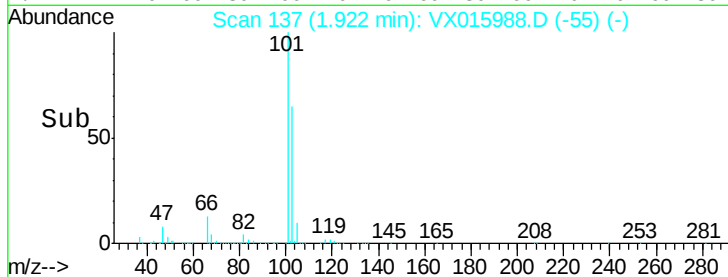
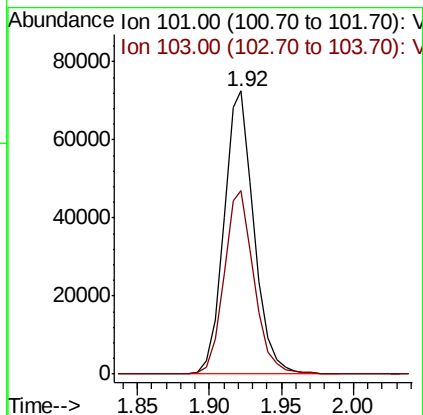
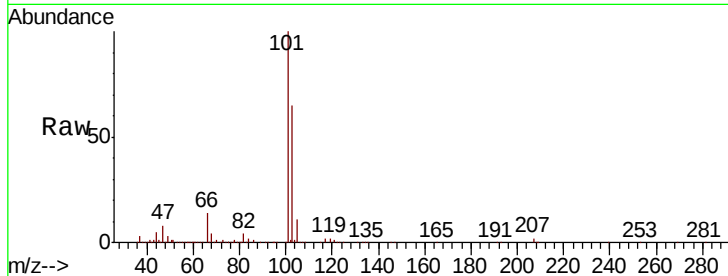


#7

Trichlorofluoromethane
Concen: 22.476 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :

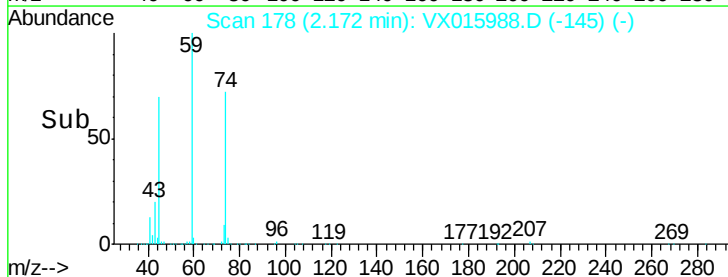
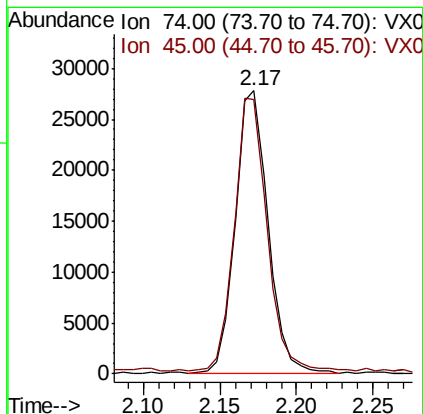
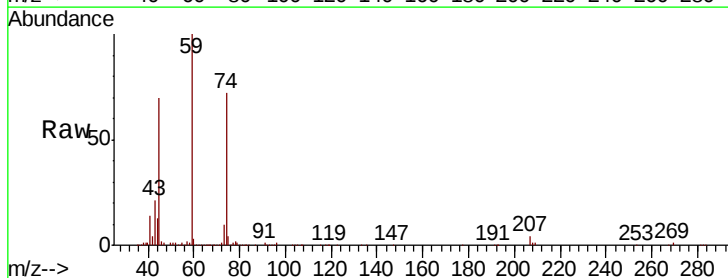
Tot Ion:101 Resp: 105688
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

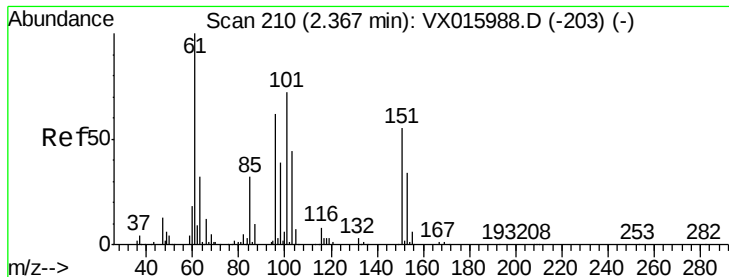


#8

Diethyl Ether
Concen: 22.561 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

Tgt Ion: 74 Resp: 40944
Ion Ratio Lower Upper
74 100
45 97.4 19.4 174.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.239 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

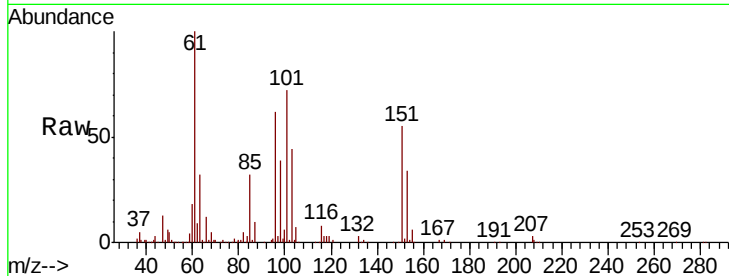
Tot Ion:101 Resp: 53063

Ion Ratio Lower Upper

101 100

85 45.3 0.0 90.6

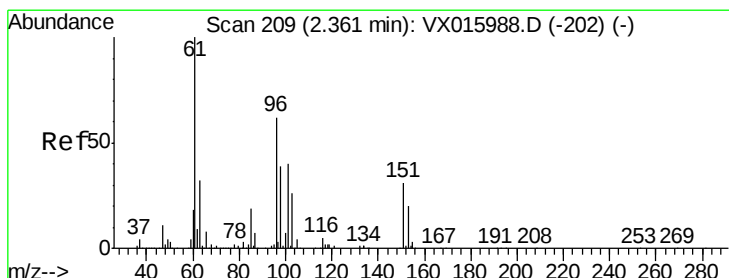
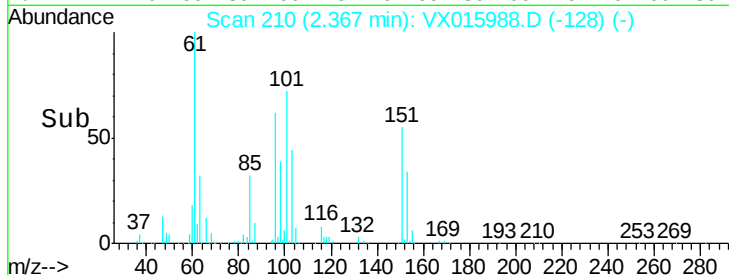
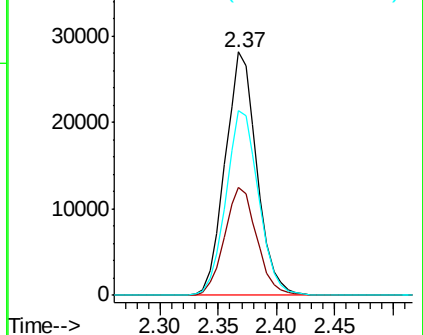
151 78.5 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.379 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

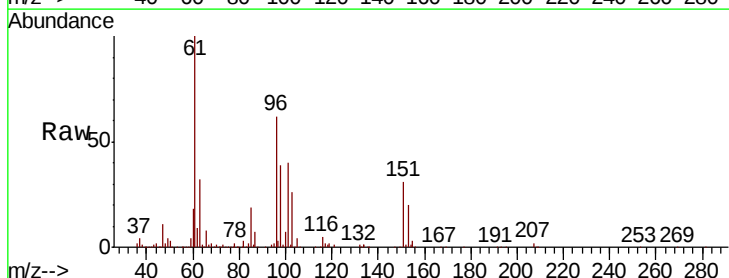
Tgt Ion: 96 Resp: 54147

Ion Ratio Lower Upper

96 100

61 162.3 129.8 194.8

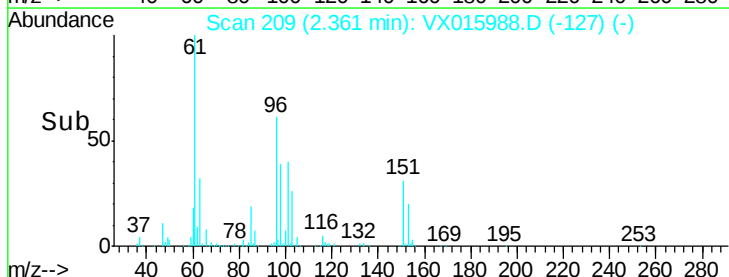
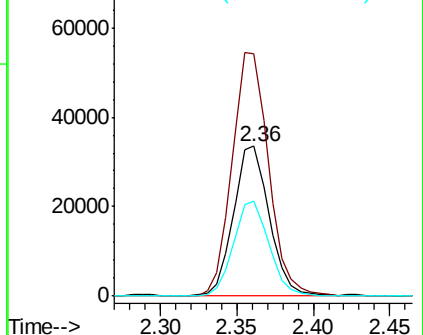
98 63.9 51.1 76.7

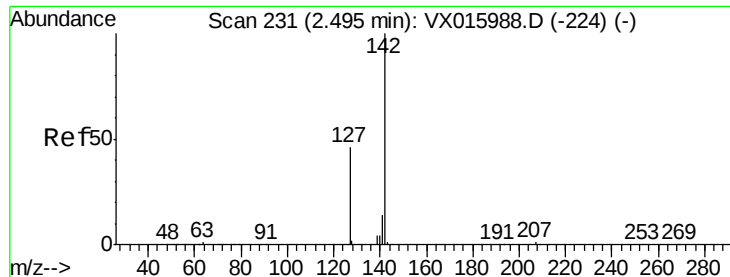


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

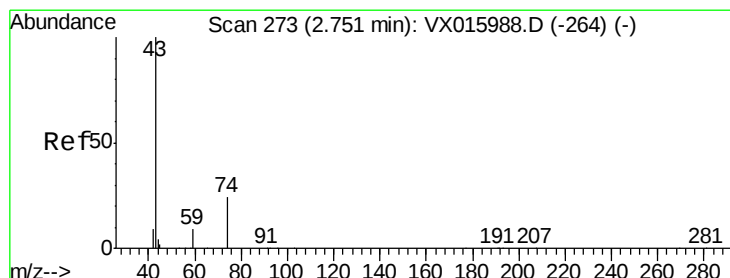
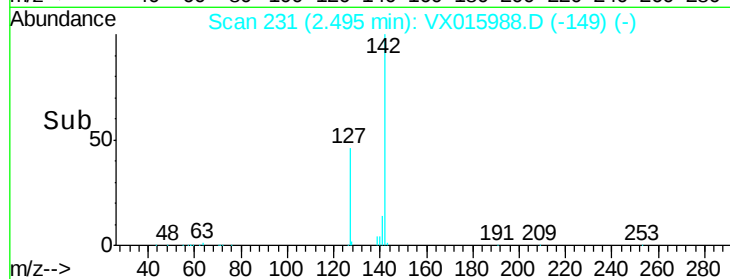
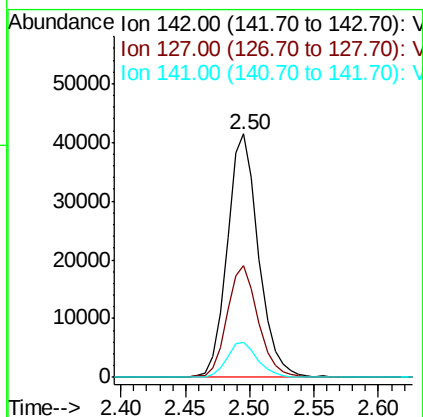
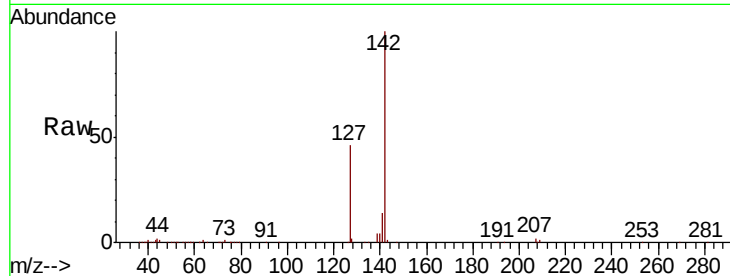




#11
Methvl Iodide
Concen: 18.937 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

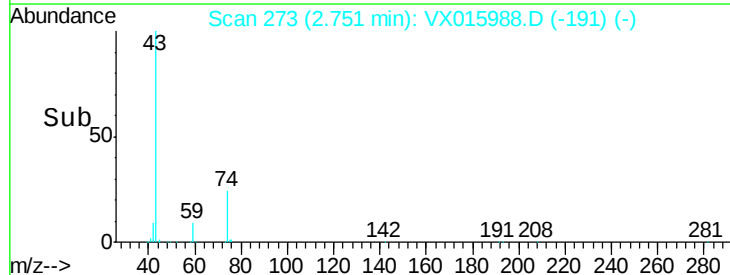
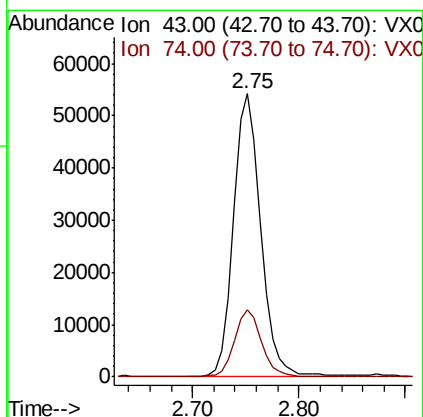
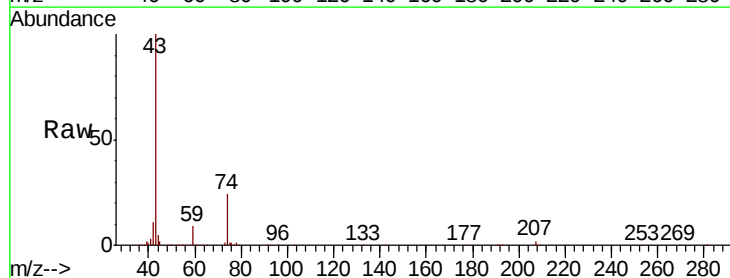
Instrument :
MSVOA_X
ClientSampled :

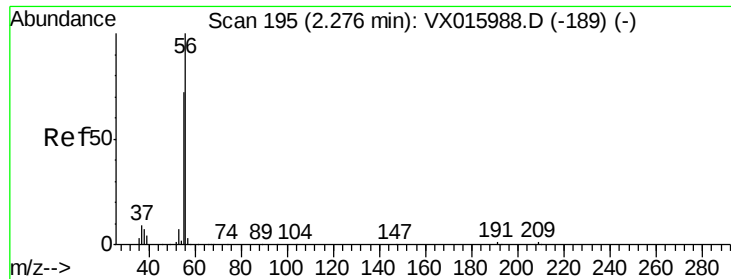
Tot Ion:142 Resp: 70263
Ion Ratio Lower Upper
142 100
127 45.6 22.8 68.4
141 14.1 7.0 21.1



#12
Methyl Acetate
Concen: 21.759 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

Tgt Ion: 43 Resp: 96970
Ion Ratio Lower Upper
43 100
74 23.7 19.0 28.4

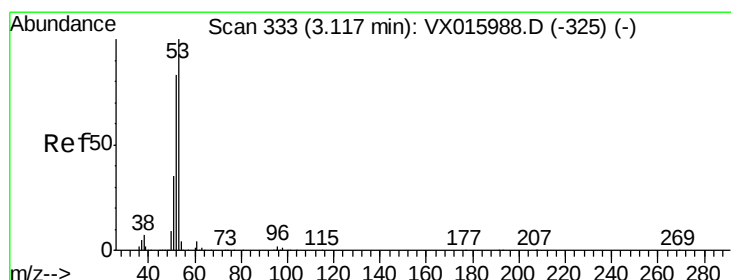
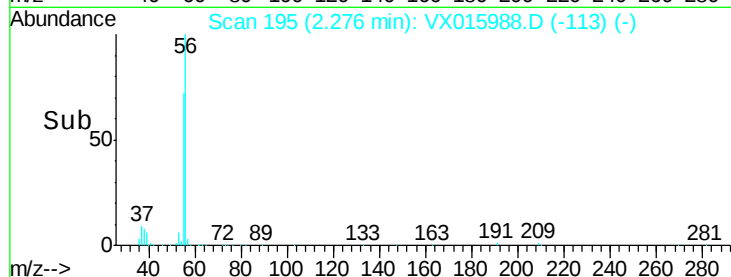
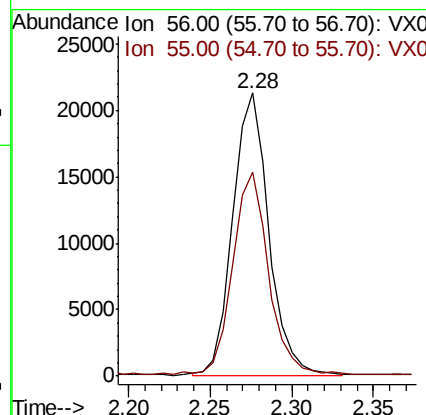
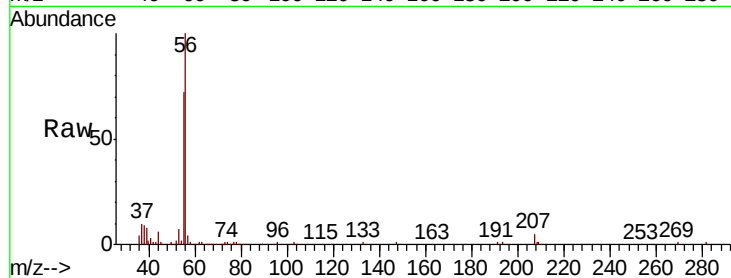




#13
Acrolein
Concen: 69.526 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

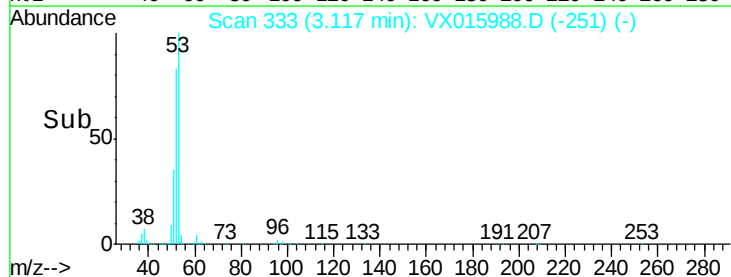
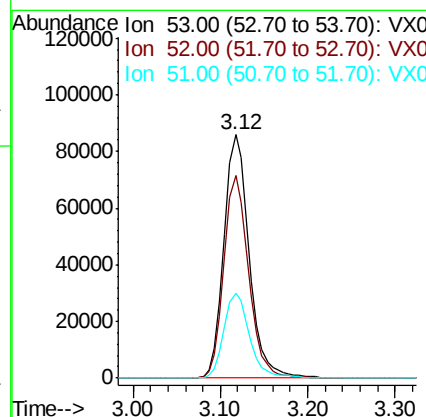
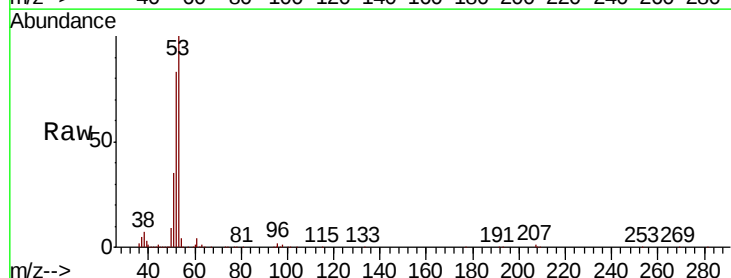
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 32530
Ion Ratio Lower Upper
56 100
55 70.3 56.2 84.4



#14
Acrylonitrile
Concen: 97.536 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

Tgt Ion: 53 Resp: 171341
Ion Ratio Lower Upper
53 100
52 82.4 41.2 123.6
51 35.7 17.8 53.5

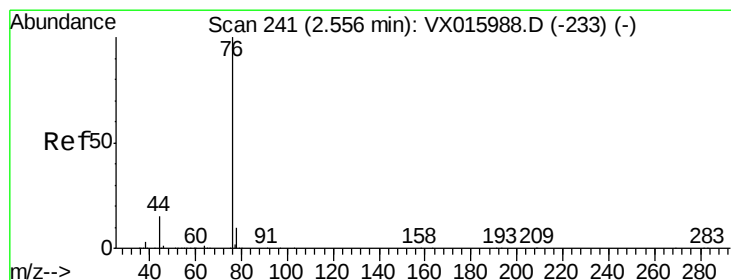
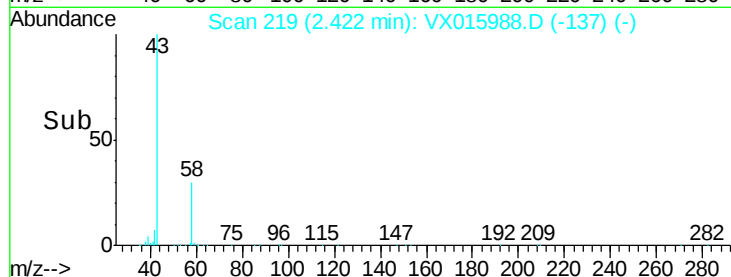
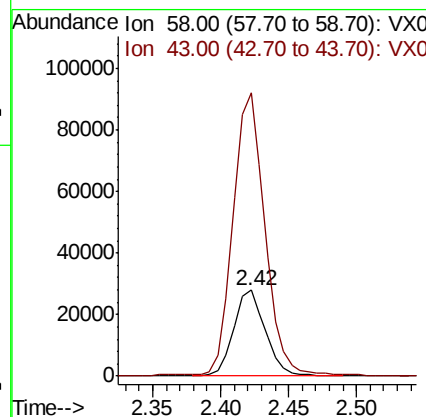
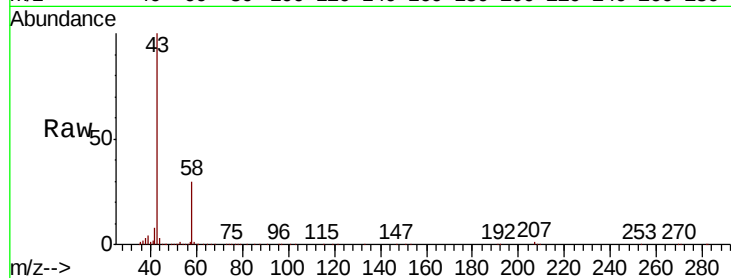




#15
Acetone
Concen: 99.402 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

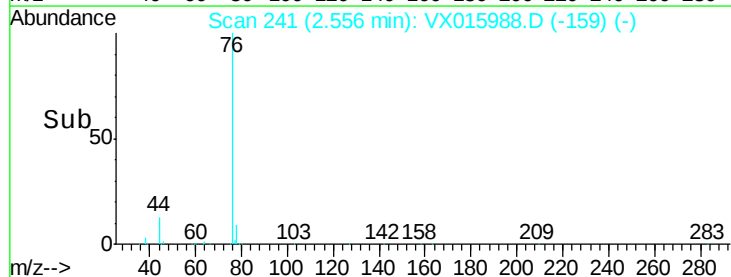
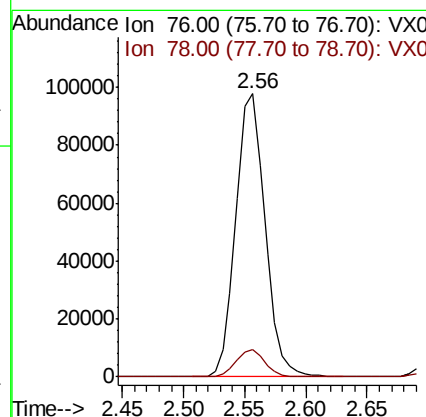
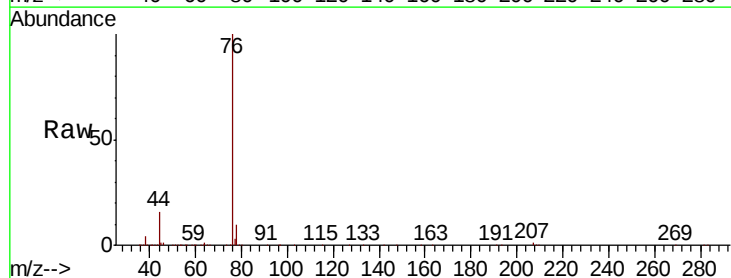
Instrument :
MSVOA_X
ClientSampleId :

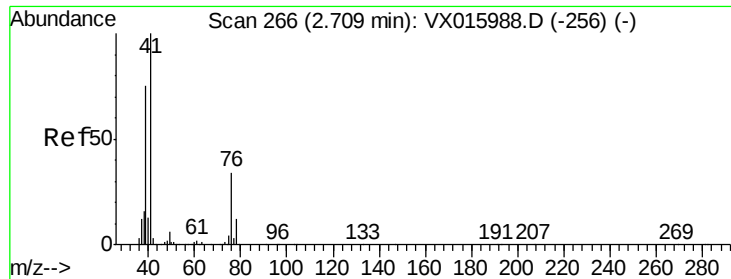
Tot Ion: 58 Resp: 44906
Ion Ratio Lower Upper
58 100
43 330.2 264.2 396.2



#16
Carbon Disulfide
Concen: 19.548 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

Tgt Ion: 76 Resp: 161988
Ion Ratio Lower Upper
76 100
78 9.6 7.7 11.5

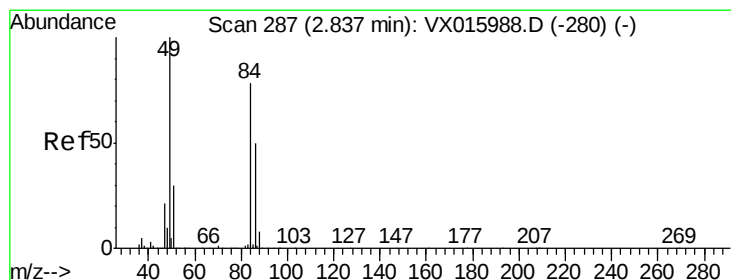
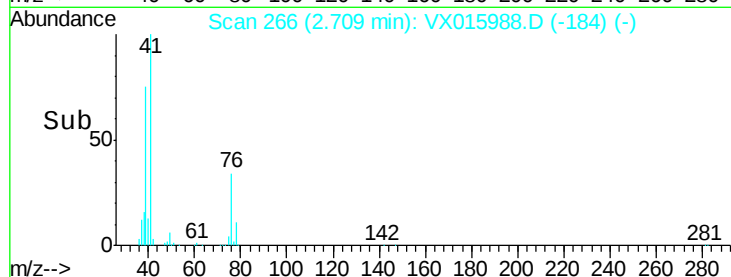
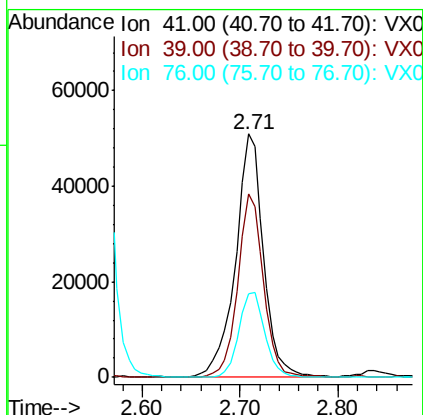
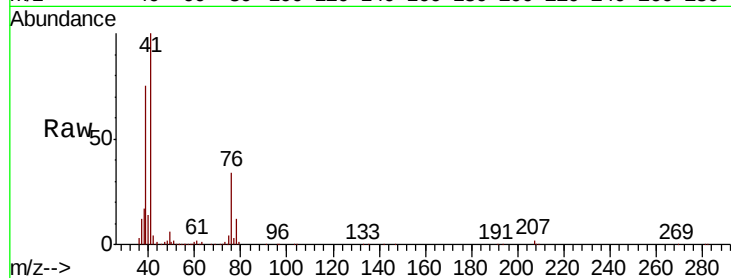




#17
Allvl chloride
Concen: 17.044 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

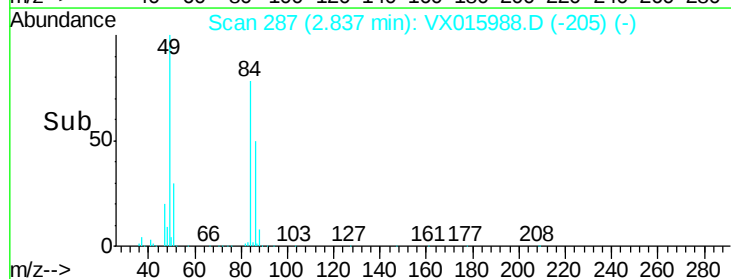
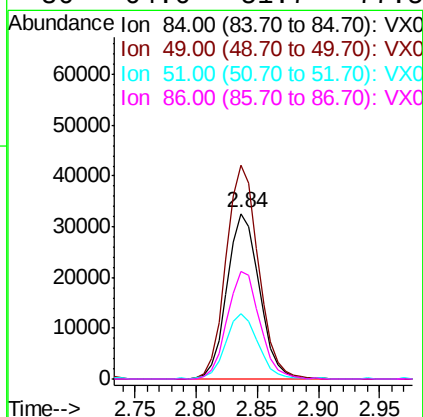
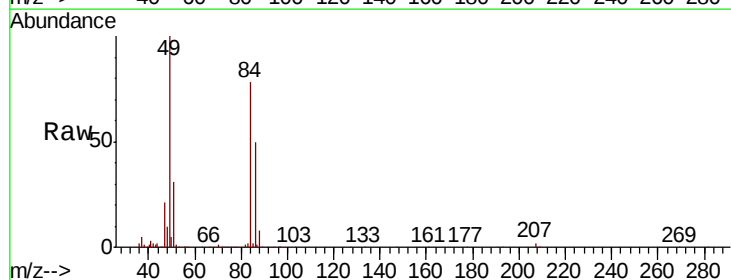
Instrument :
MSVOA_X
ClientSampleId :

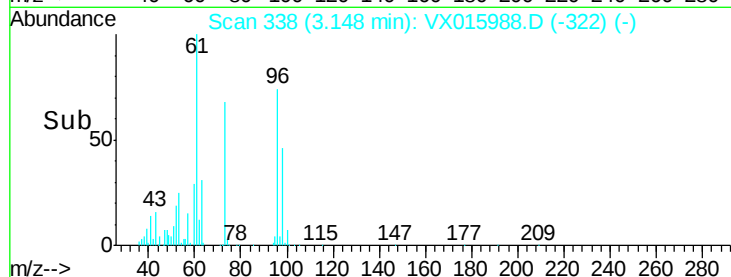
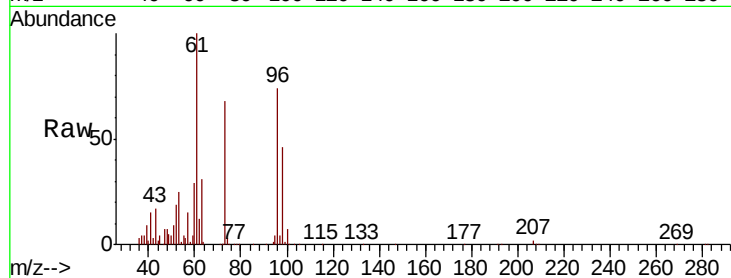
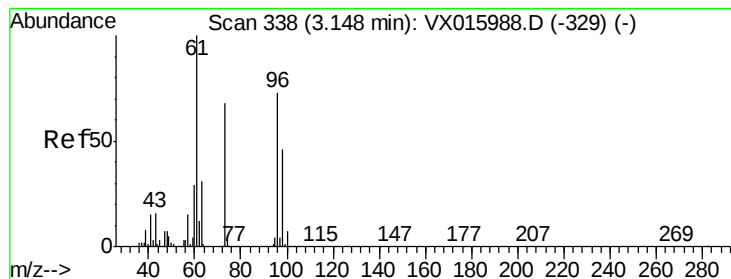
Tot Ion	Ratio	Lower	Upper
41	100		
39	75.2	37.6	112.8
76	34.3	17.2	51.5



#18
Methylene Chloride
Concen: 19.122 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.7	103.0	154.4
51	39.2	31.4	47.0
86	64.6	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 19.233 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :

MSVOA_X

ClientSampled :

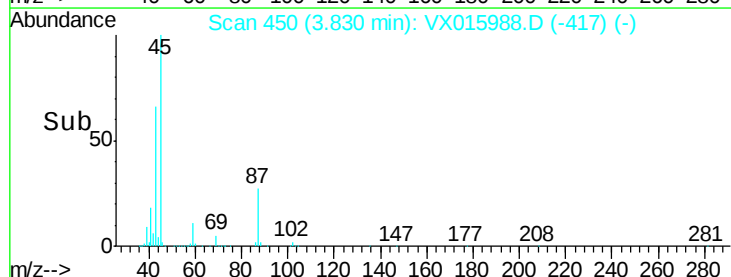
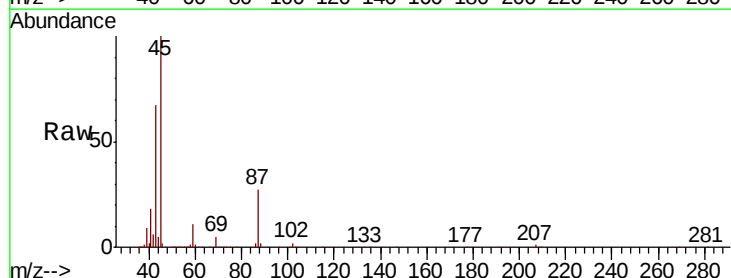
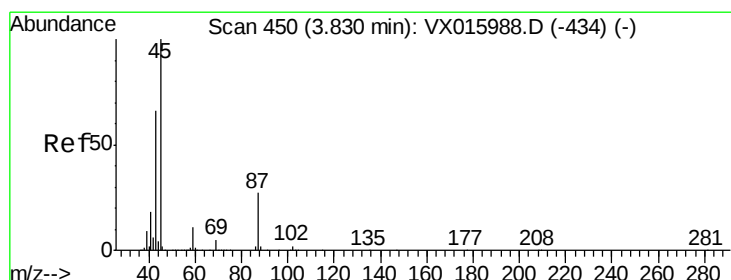
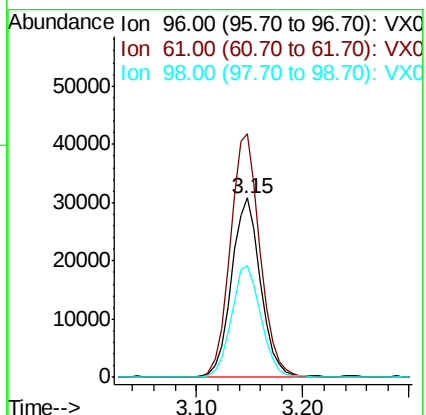
Tot Ion: 96 Resp: 58226

Ion Ratio Lower Upper

96 100

61 136.2 109.0 163.4

98 62.5 50.0 75.0



#20

Diisopropyl ether

Concen: 17.797 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Tgt Ion: 45 Resp: 190578

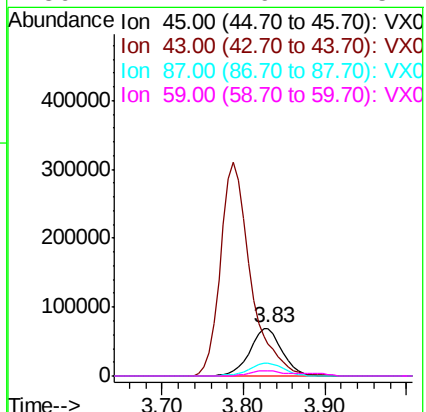
Ion Ratio Lower Upper

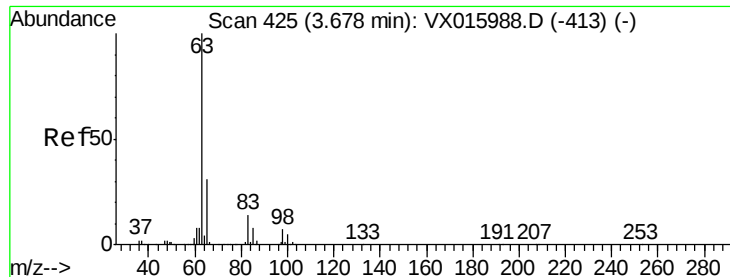
45 100

43 66.2 53.0 79.4

87 27.4 21.9 32.9

59 11.4 9.1 13.7





#21

1,1-Dichloroethane

Concen: 18.868 ug/l

RT: 3.68 min Scan# 425

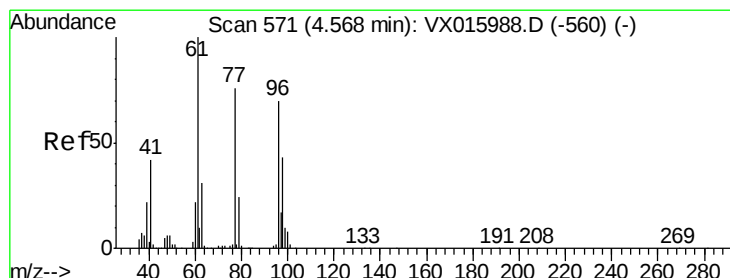
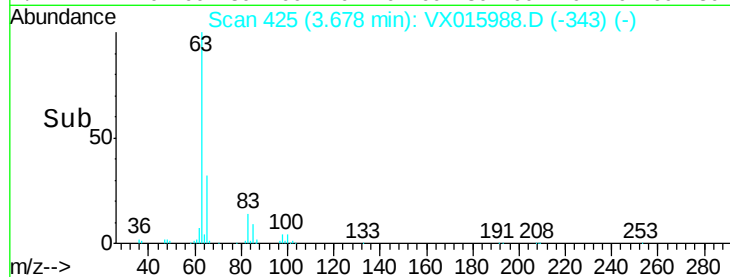
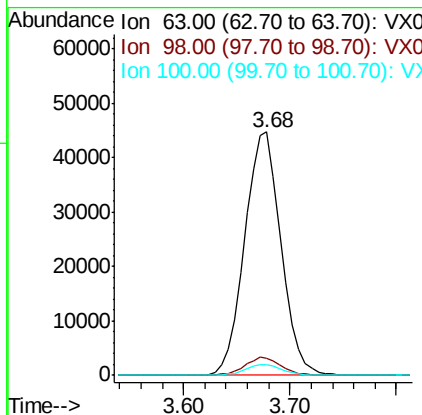
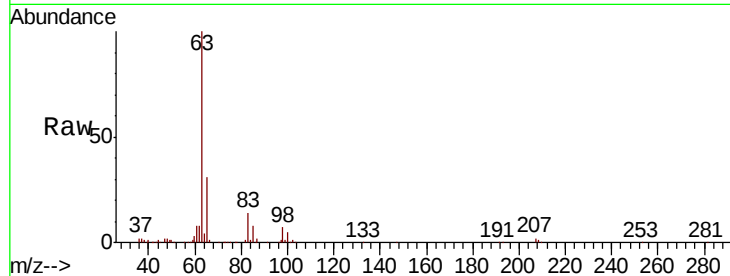
Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	63	Resp:	107161
Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.5	10.4
100	4.6	2.3	6.9



#22

cis-1,2-Dichloroethene

Concen: 18.814 ug/l

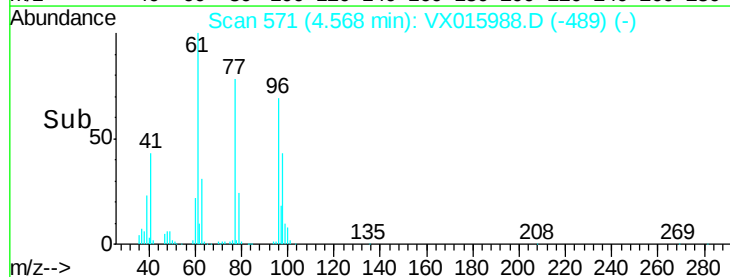
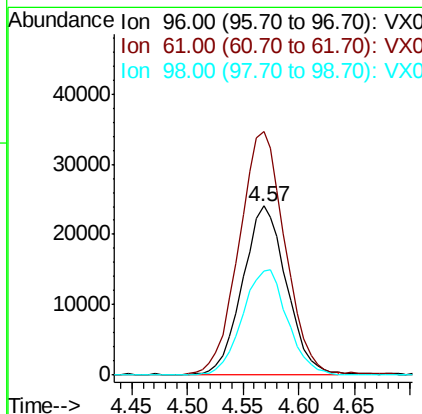
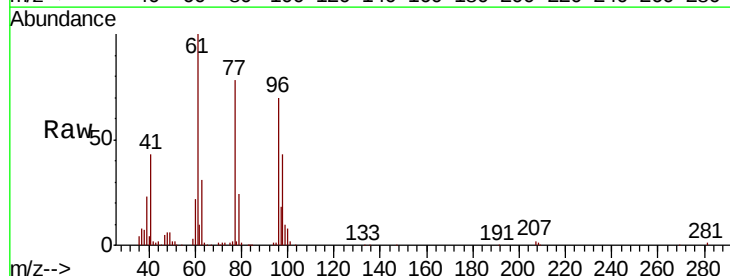
RT: 4.57 min Scan# 571

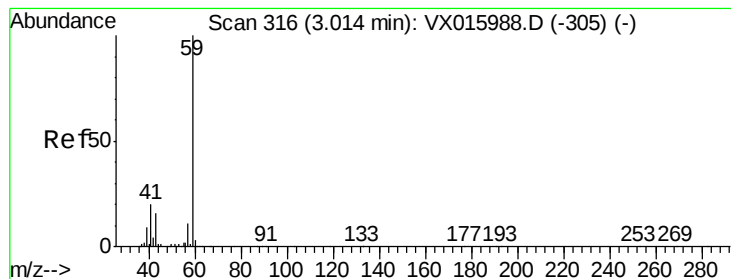
Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Tgt Ion:	96	Resp:	65129
Ion	Ratio	Lower	Upper
96	100		
61	152.0	121.6	182.4
98	64.9	51.9	77.9





#23

tert-Butyl Alcohol

Concen: 97.855 ug/l

RT: 3.01 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :

MSVOA_X

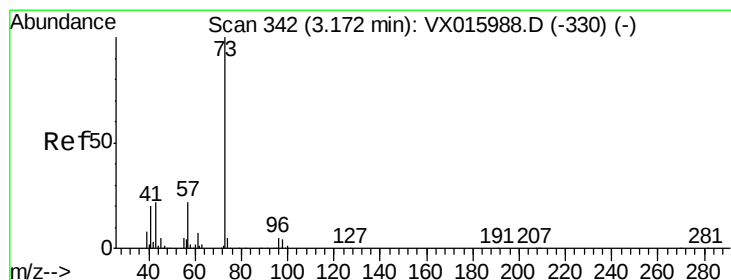
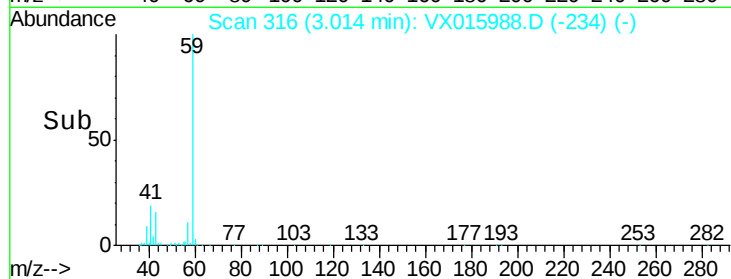
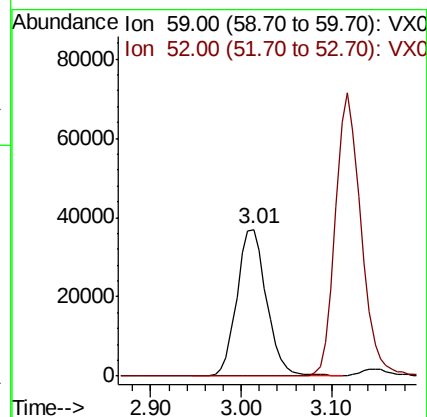
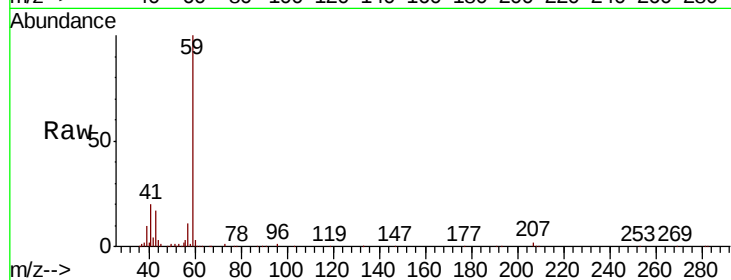
ClientSampleId :

Tot Ion: 59 Resp: 84217

Ion Ratio Lower Upper

59 100

52 0.1 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 18.817 ug/l

RT: 3.17 min Scan# 342

Delta R.T. 0.00 min

Lab File: VX015988.D

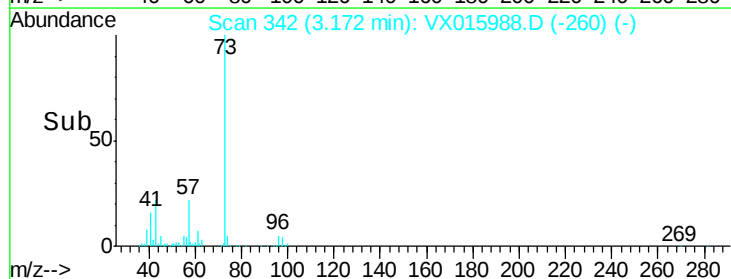
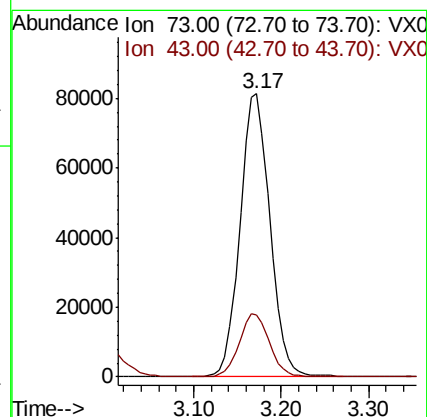
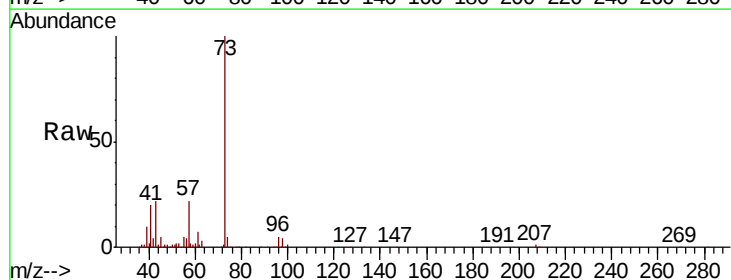
Acq: 30 Apr 2020 10:54

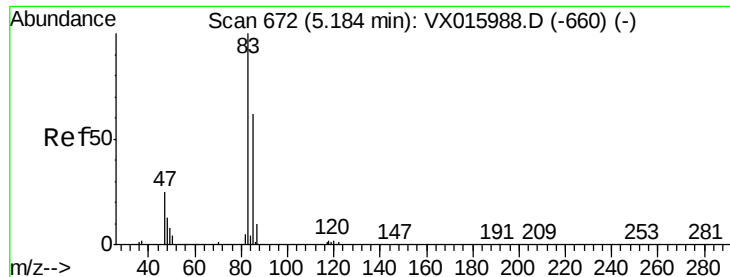
Tgt Ion: 73 Resp: 191674

Ion Ratio Lower Upper

73 100

43 22.2 17.8 26.6





#25

Chloroform

Concen: 19.041 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

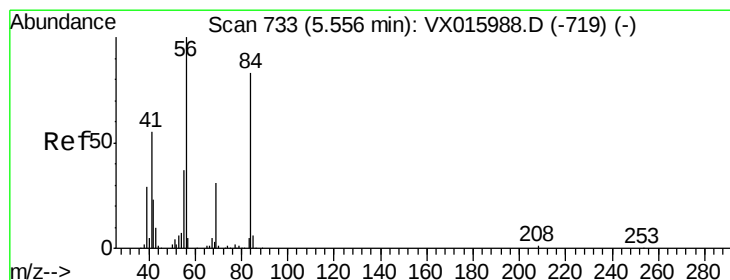
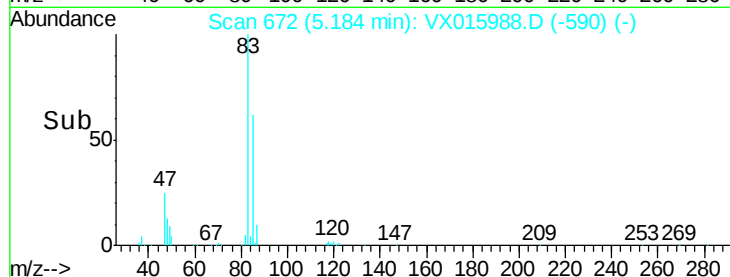
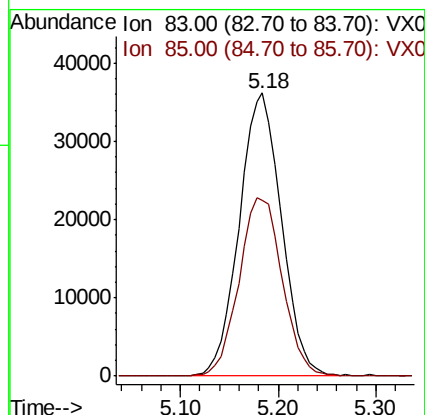
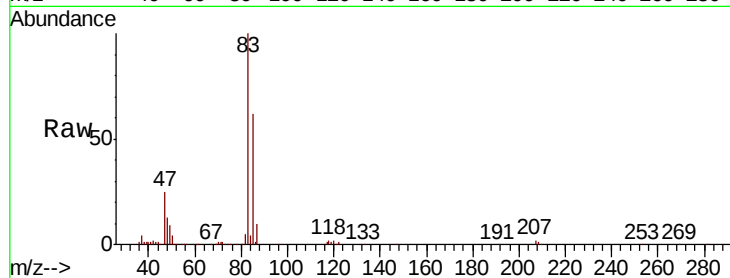
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 108175

Ion Ratio Lower Upper

83 100

85 62.0 49.6 74.4



#26

Cyclohexane

Concen: 18.167 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

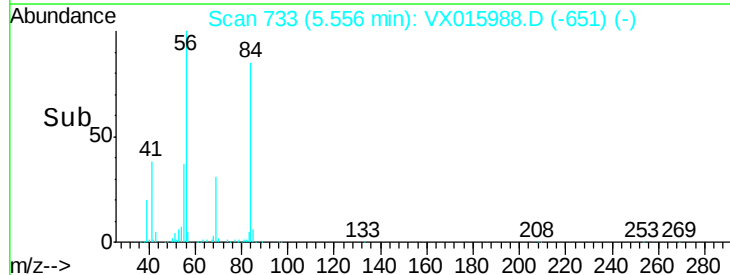
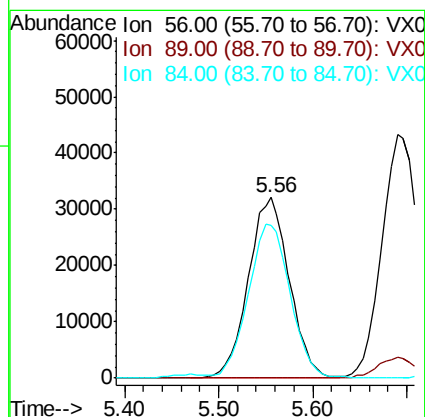
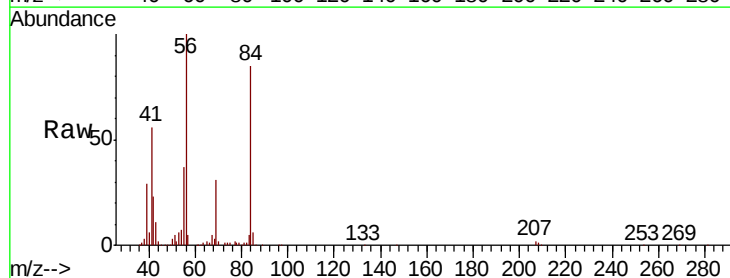
Tgt Ion: 56 Resp: 97627

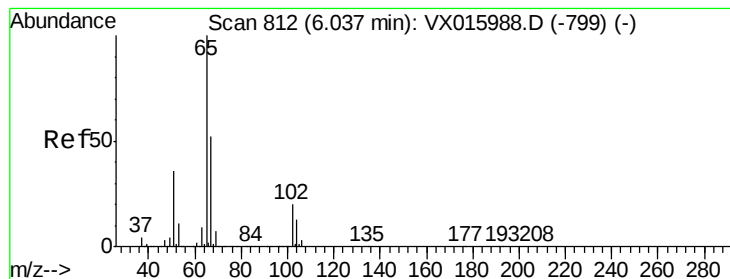
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1

84 87.6 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 30.386 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :

MSVOA_X

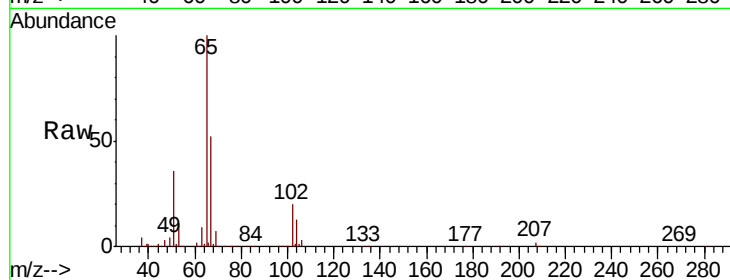
ClientSampled :

Tot Ion: 65 Resp: 119054

Ion Ratio Lower Upper

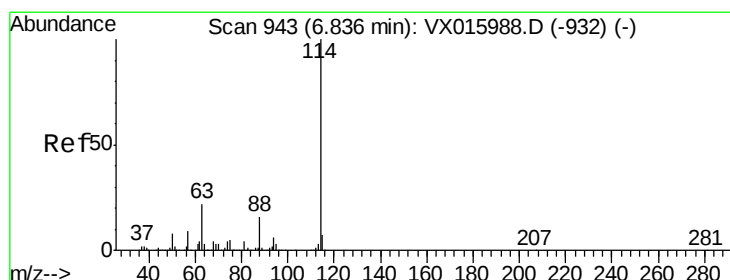
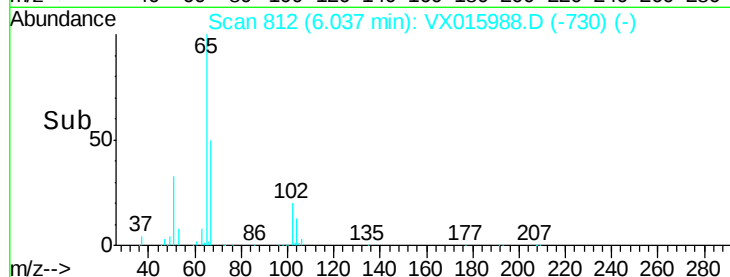
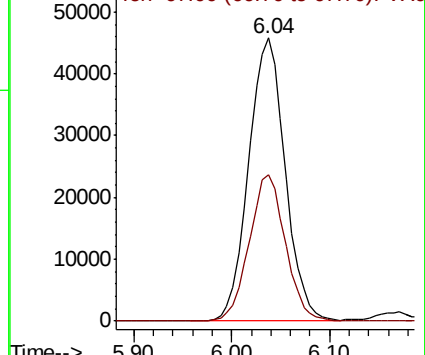
65 100

67 51.2 41.0 61.4



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: 6.84 min Scan# 943

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

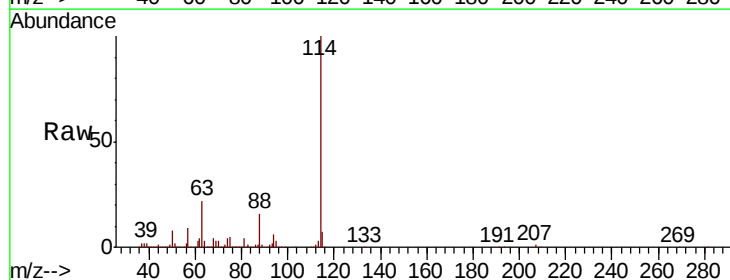
Tgt Ion: 114 Resp: 280577

Ion Ratio Lower Upper

114 100

63 21.4 17.1 25.7

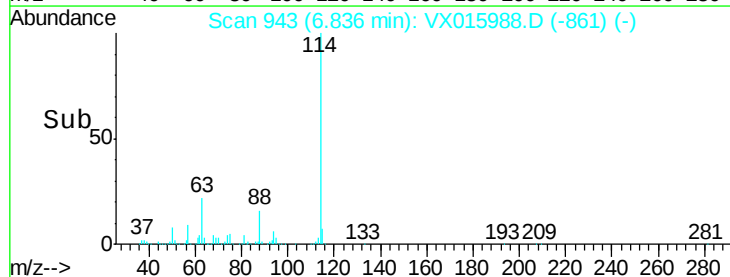
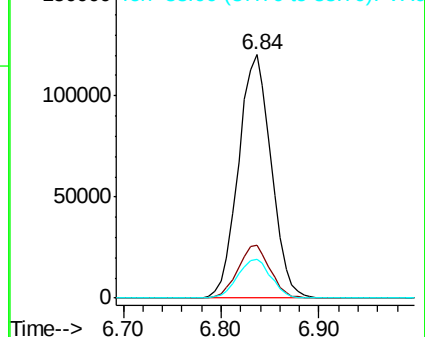
88 16.2 13.0 19.4

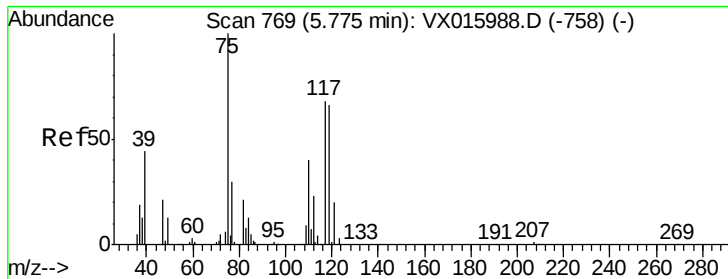


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 18.938 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

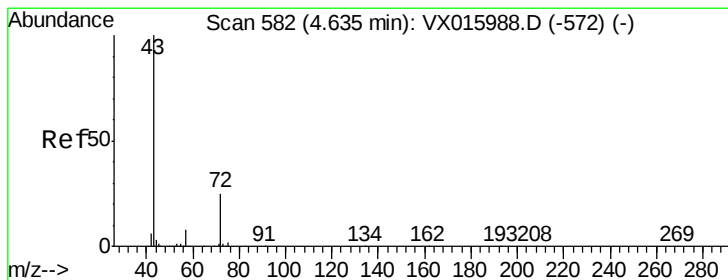
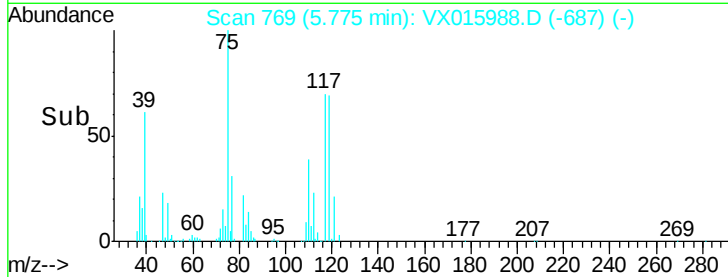
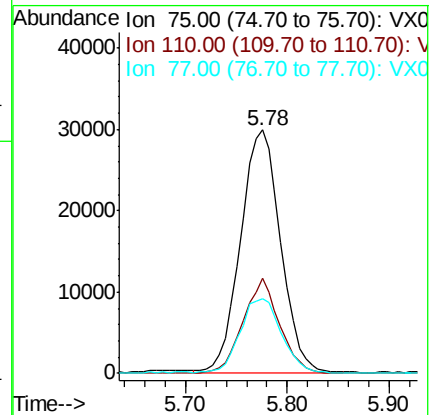
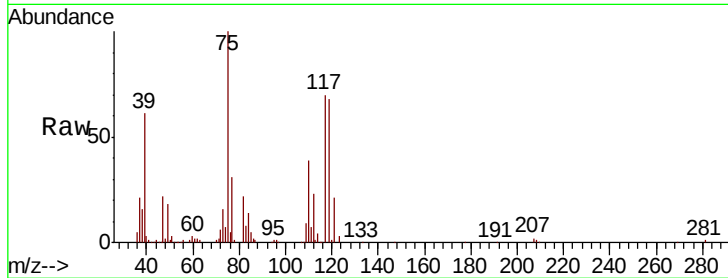
Tot Ion: 75 Resp: 81028

Ion Ratio Lower Upper

75 100

110 35.5 0.0 71.0

77 32.1 0.0 64.2



#30

2-Butanone

Concen: 95.683 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

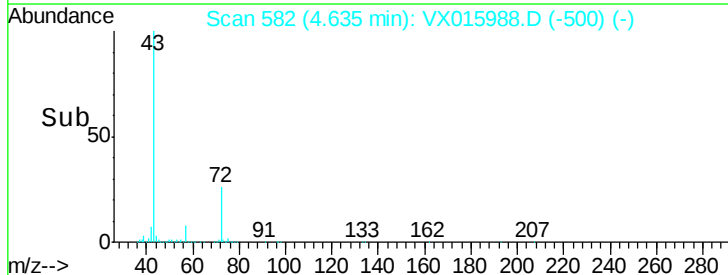
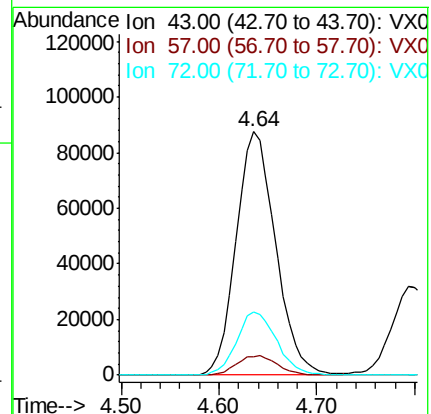
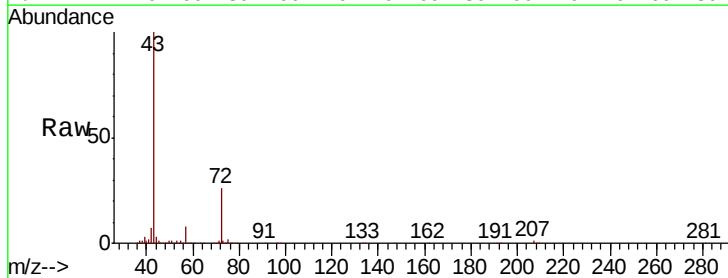
Tgt Ion: 43 Resp: 243853

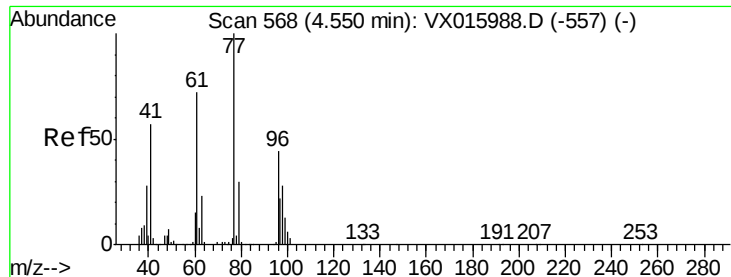
Ion Ratio Lower Upper

43 100

57 7.9 6.3 9.5

72 26.0 20.8 31.2





#31

2,2-Dichloropropane

Concen: 19.299 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :

MSVOA_X

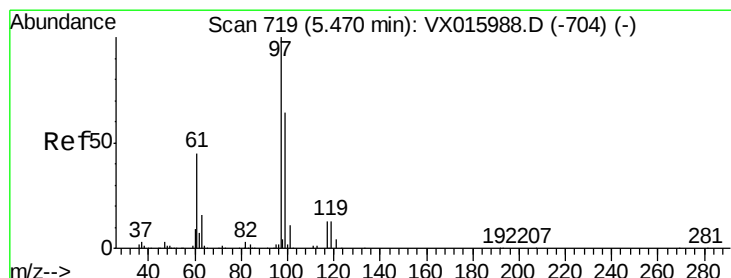
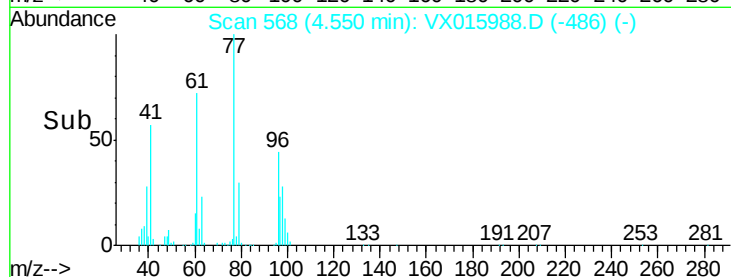
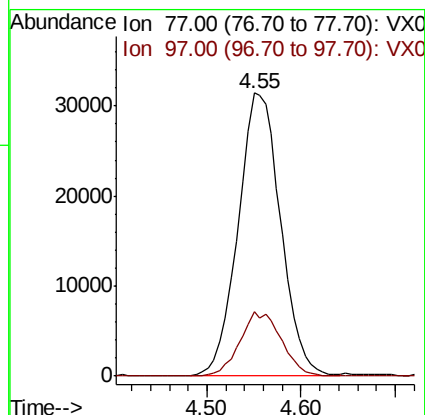
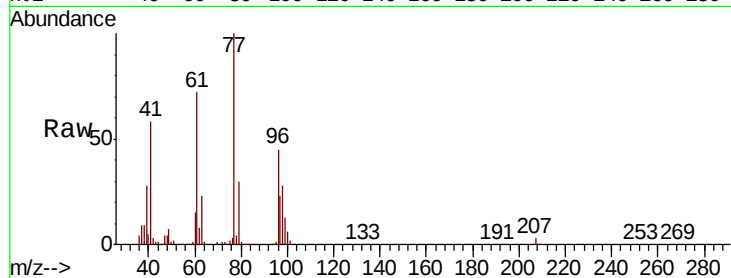
ClientSampleId :

Tot Ion: 77 Resp: 99295

Ion Ratio Lower Upper

77 100

97 22.3 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 19.173 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

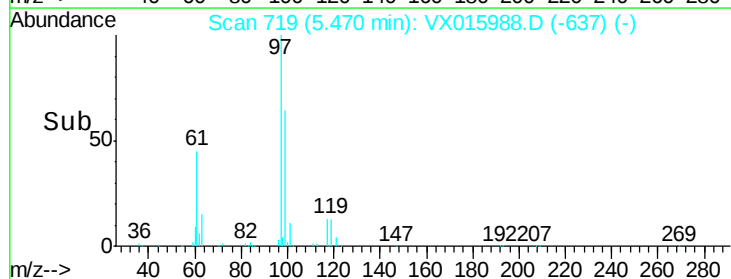
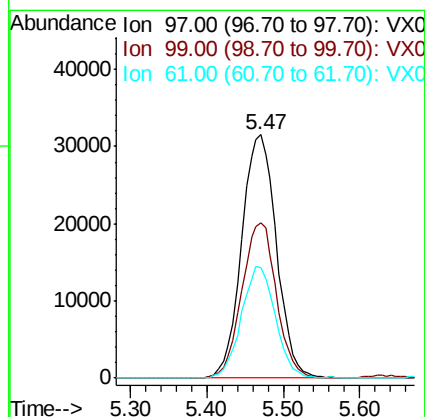
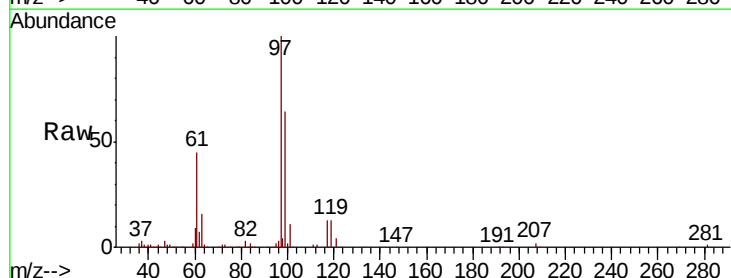
Tgt Ion: 97 Resp: 99667

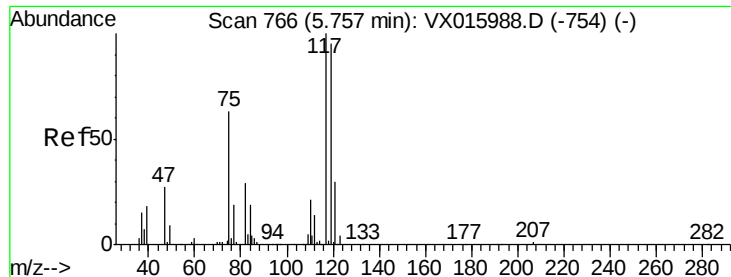
Ion Ratio Lower Upper

97 100

99 63.4 50.7 76.1

61 44.9 35.9 53.9





#33

Carbon Tetrachloride

Concen: 18.691 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :

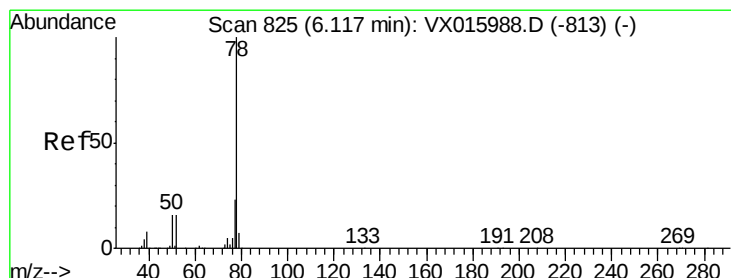
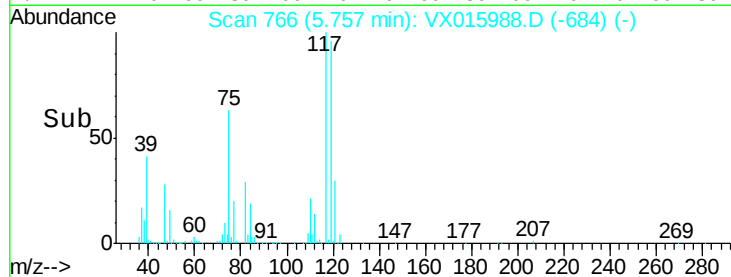
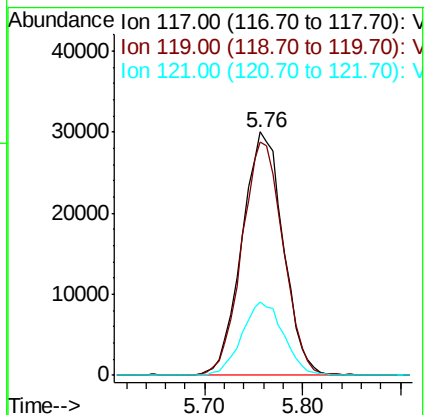
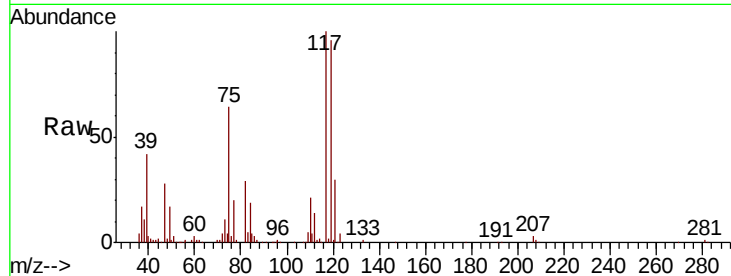
Tot Ion:117 Resp: 88048

Ion Ratio Lower Upper

117 100

119 95.4 76.3 114.5

121 30.3 24.2 36.4



#34

Benzene

Concen: 19.304 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

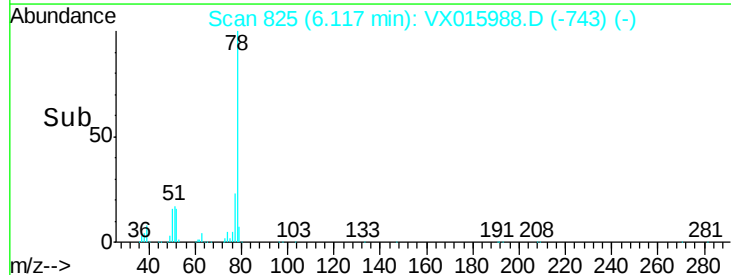
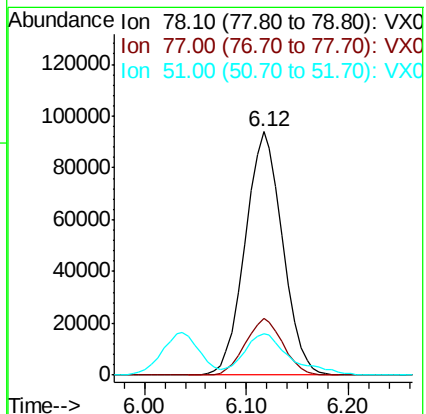
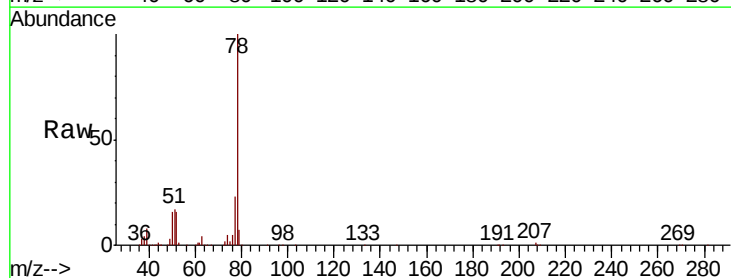
Tgt Ion: 78 Resp: 239002

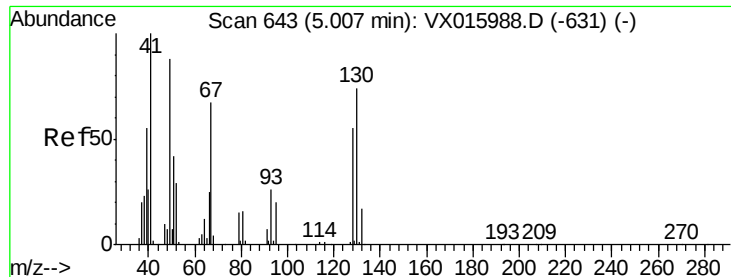
Ion Ratio Lower Upper

78 100

77 23.4 18.7 28.1

51 15.9 12.7 19.1

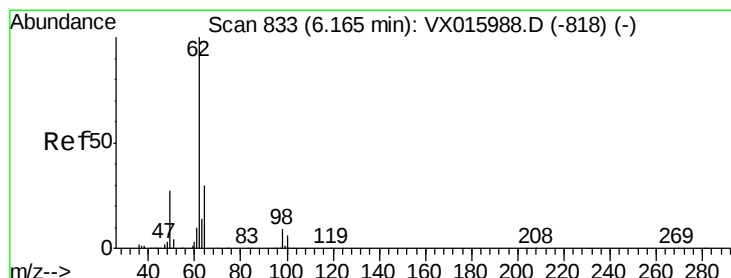
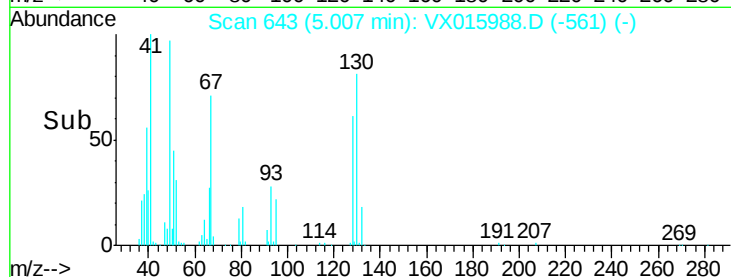
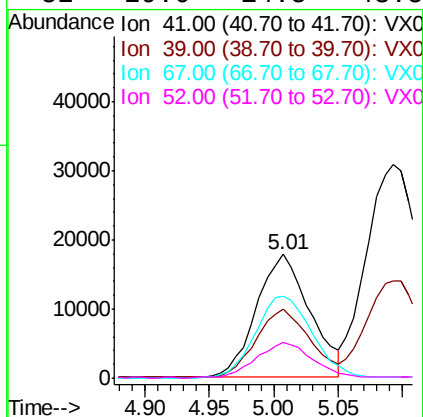
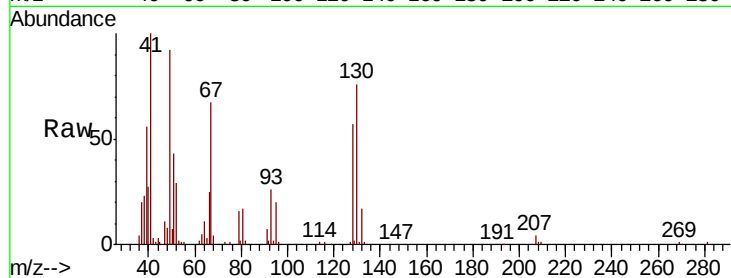




#35
Methacrylonitrile
Concen: 18.220 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

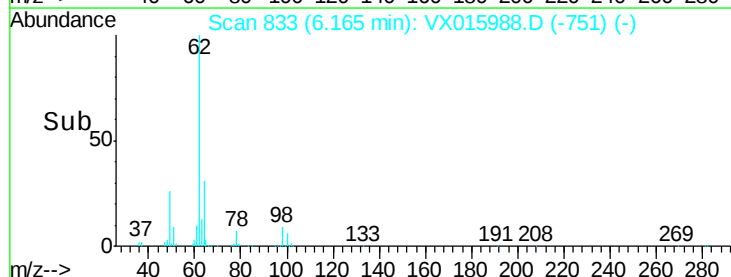
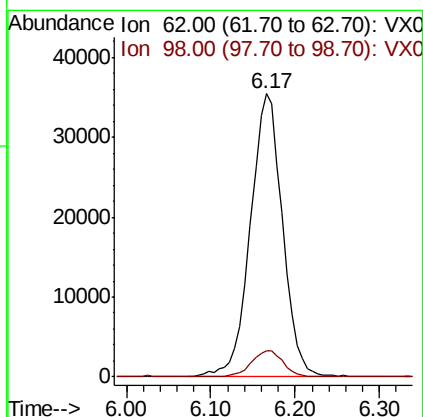
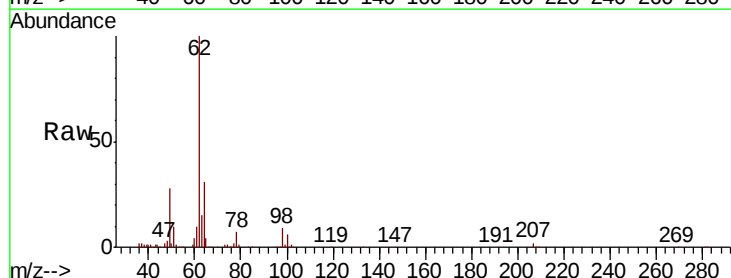
Instrument :
MSVOA_X
ClientSampled :

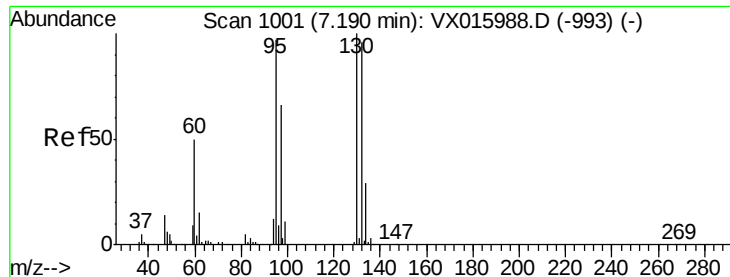
Tot Ion:	41	Resp:	51418
Ion	Ratio	Lower	Upper
41	100		
39	54.9	27.5	82.4
67	67.1	33.6	100.6
52	29.0	14.5	43.5



#36
1,2-Dichloroethane
Concen: 19.418 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

Tgt Ion:	62	Resp:	91848
Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.4	11.2

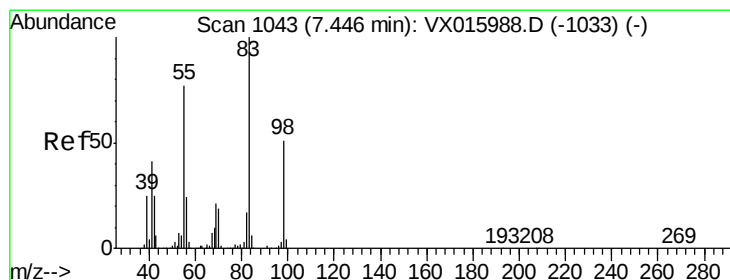
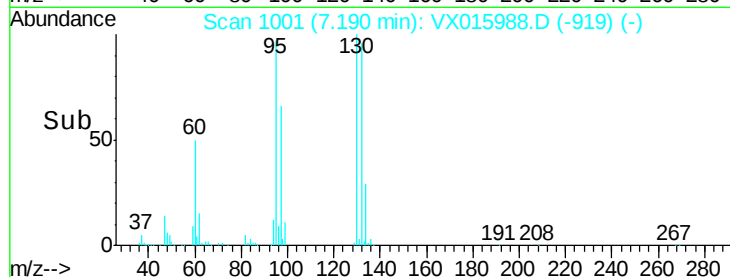
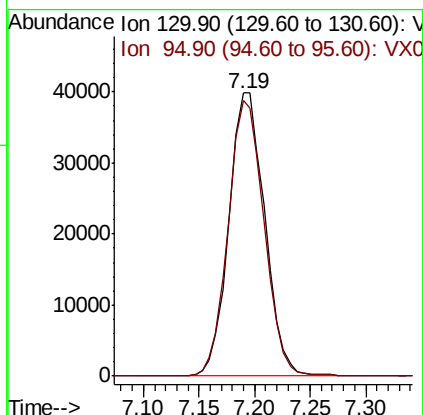
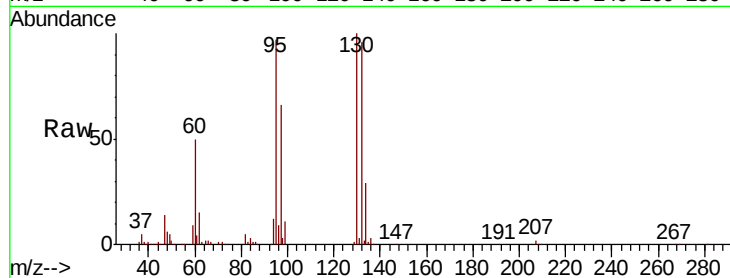




#37
 Trichloroethene
 Concen: 22.830 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX015988.D
 Acq: 30 Apr 2020 10:54

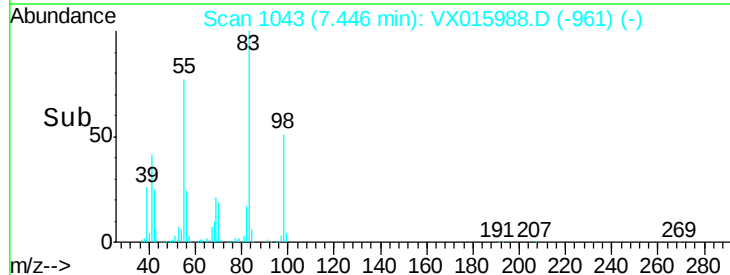
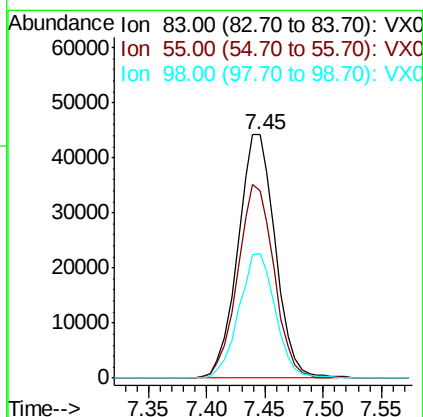
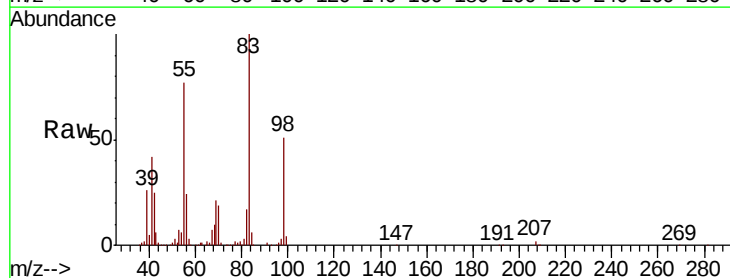
Instrument :
 MSVOA_X
 ClientSampleId :

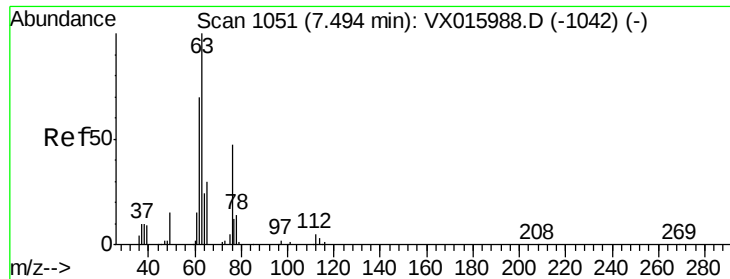
Tot Ion:130 Resp: 89119
 Ion Ratio Lower Upper
 130 100
 95 97.3 77.8 116.8



#38
 Methylcyclohexane
 Concen: 18.884 ug/l
 RT: 7.45 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX015988.D
 Acq: 30 Apr 2020 10:54

Tgt Ion: 83 Resp: 98625
 Ion Ratio Lower Upper
 83 100
 55 77.6 38.8 116.4
 98 50.2 25.1 75.3

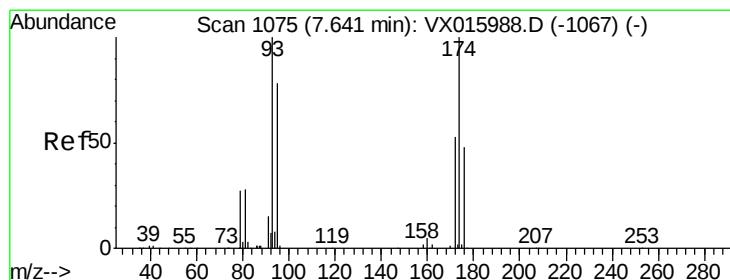
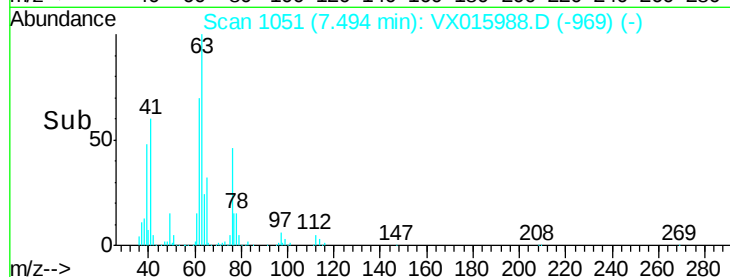
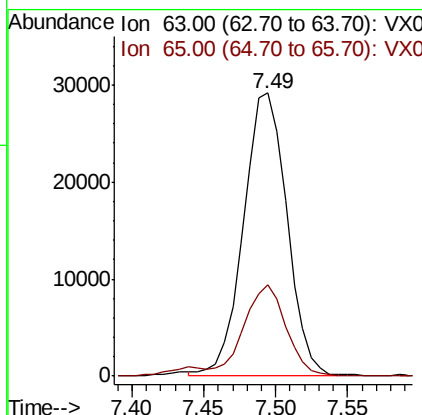
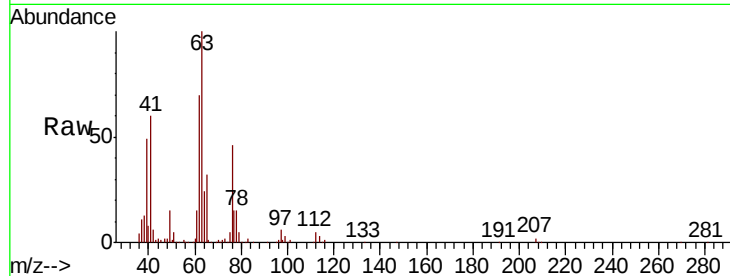




#39
 1,2-Dichloropropane
 Concen: 18.696 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX015988.D
 Acq: 30 Apr 2020 10:54

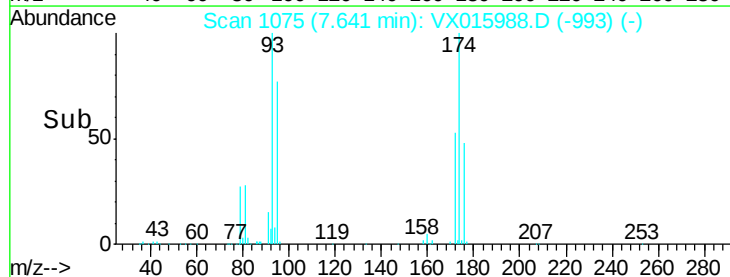
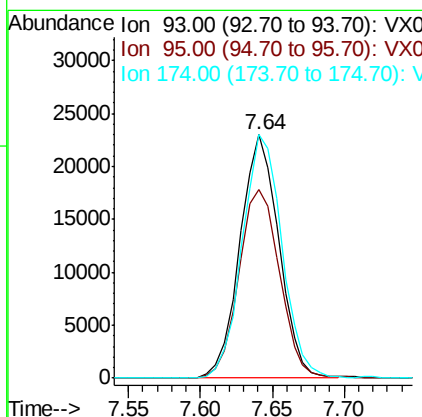
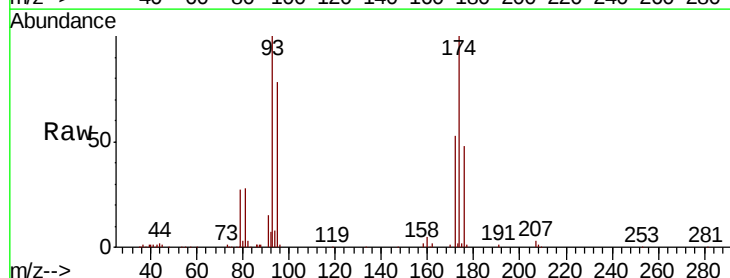
Instrument :
 MSVOA_X
 ClientSampleId :

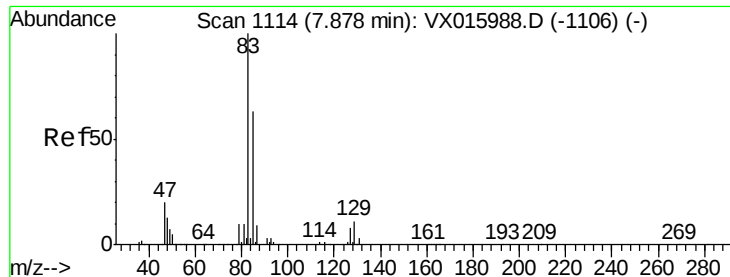
Tot Ion: 63 Resp: 61047
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.9 38.9



#40
 Dibromomethane
 Concen: 19.420 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX015988.D
 Acq: 30 Apr 2020 10:54

Tgt Ion: 93 Resp: 43043
 Ion Ratio Lower Upper
 93 100
 95 81.4 0.0 162.8
 174 102.0 0.0 204.0





#41

Bromodichloromethane

Concen: 18.201 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

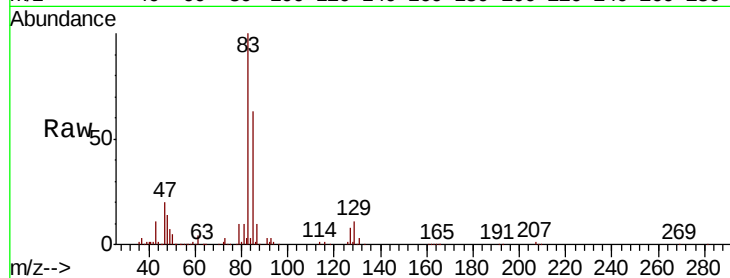
Tot Ion: 83 Resp: 85419

Ion Ratio Lower Upper

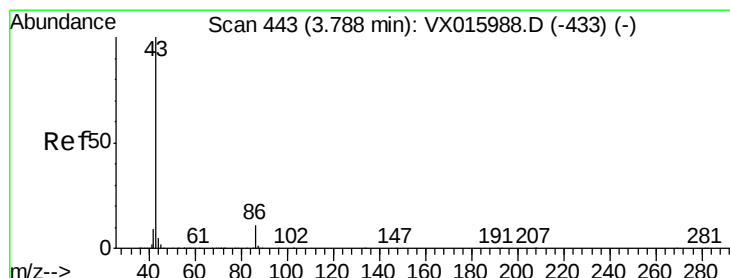
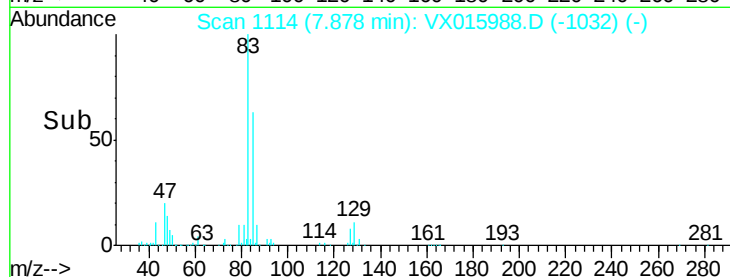
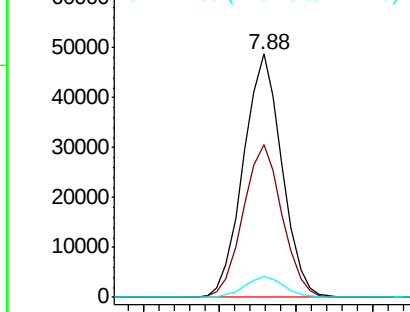
83 100

85 63.0 50.4 75.6

127 8.4 6.7 10.1



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 87.903 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX015988.D

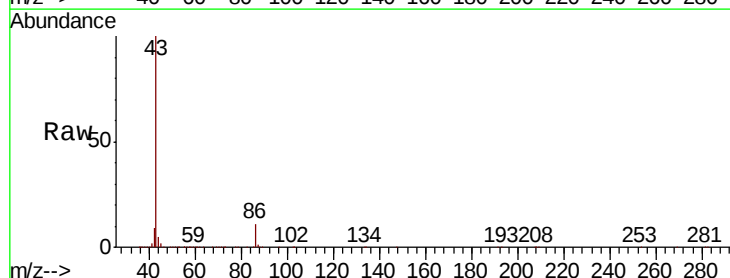
Acq: 30 Apr 2020 10:54

Tgt Ion: 43 Resp: 793560

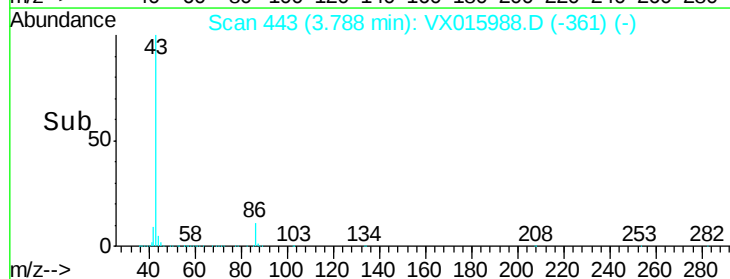
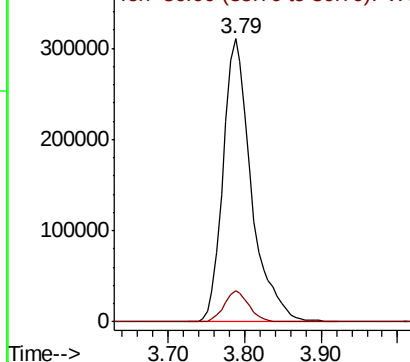
Ion Ratio Lower Upper

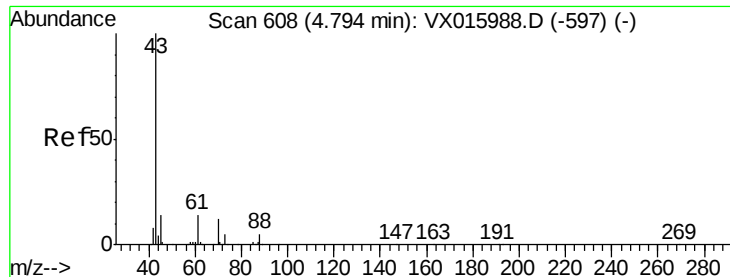
43 100

86 9.6 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

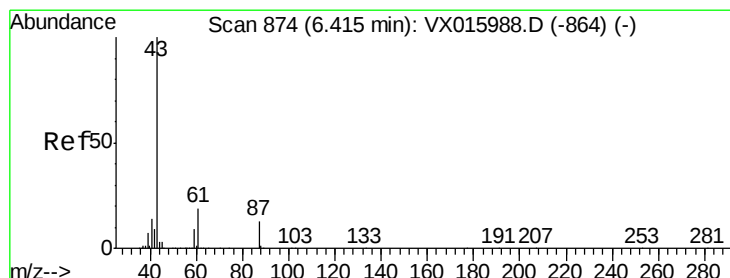
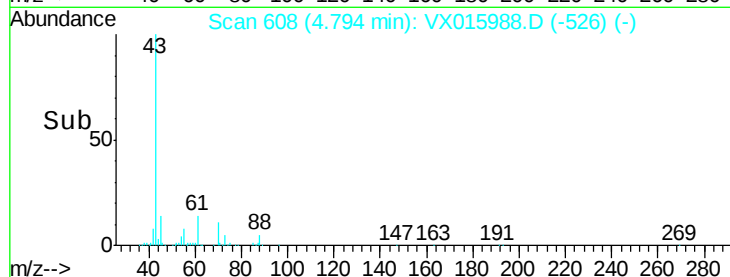
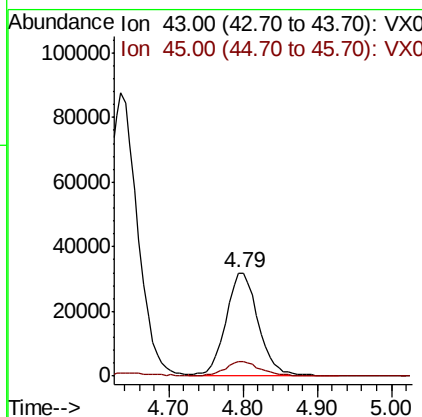
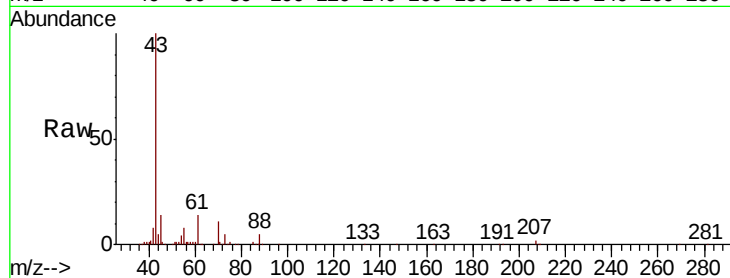




#43
Ethyl Acetate
Concen: 17.563 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

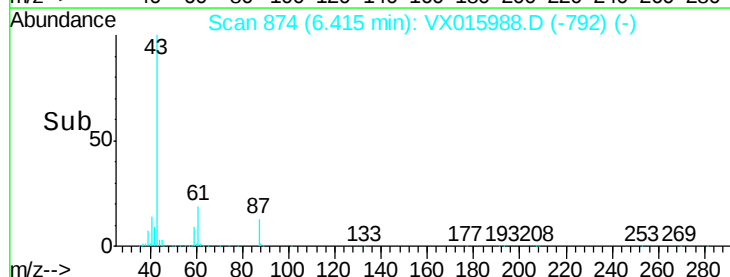
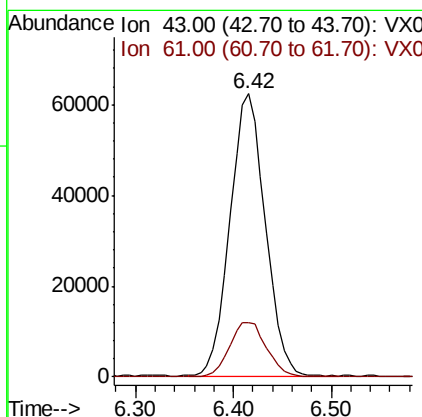
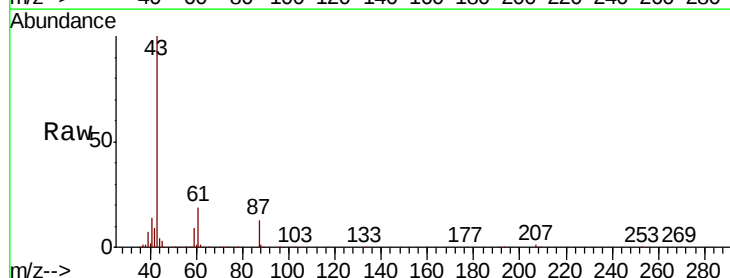
Instrument :
MSVOA_X
ClientSampleId :

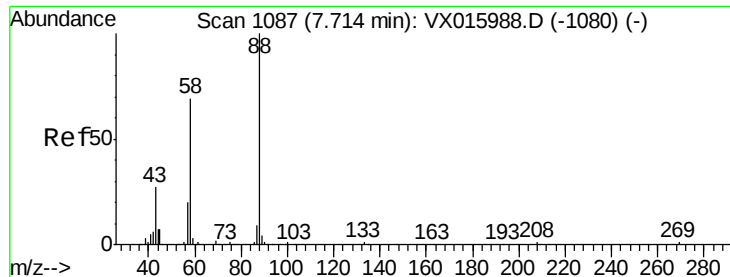
Tot Ion: 43 Resp: 96447
Ion Ratio Lower Upper
43 100
45 14.9 11.9 17.9



#44
Isopropyl Acetate
Concen: 18.058 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

Tgt Ion: 43 Resp: 155616
Ion Ratio Lower Upper
43 100
61 20.1 16.1 24.1

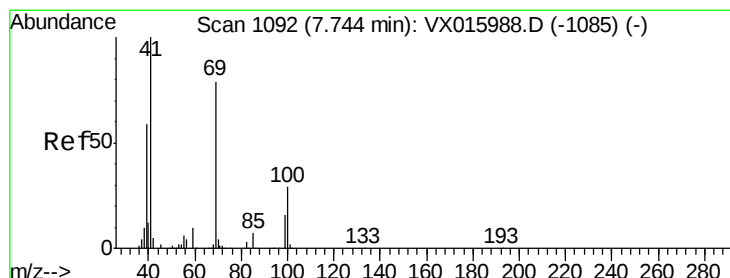
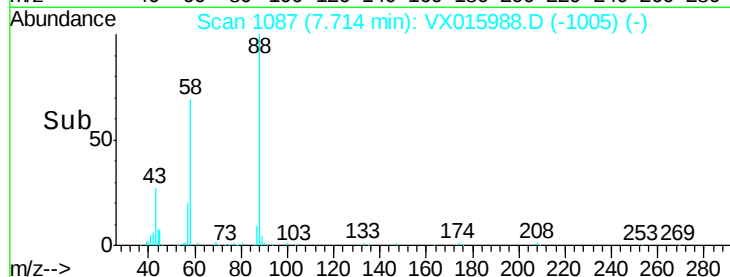
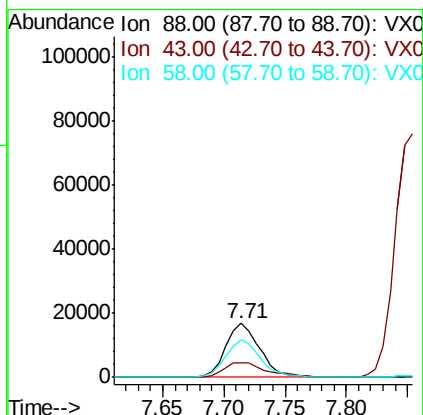
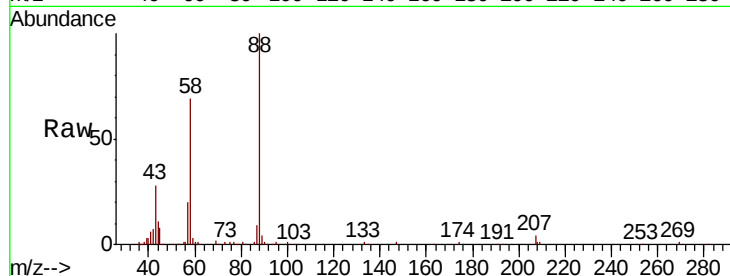




#45
1,4-Dioxane
Concen: 390.297 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

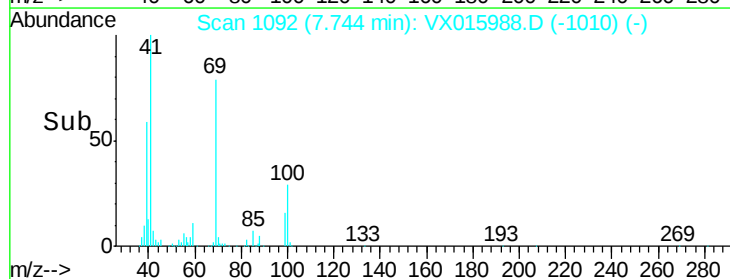
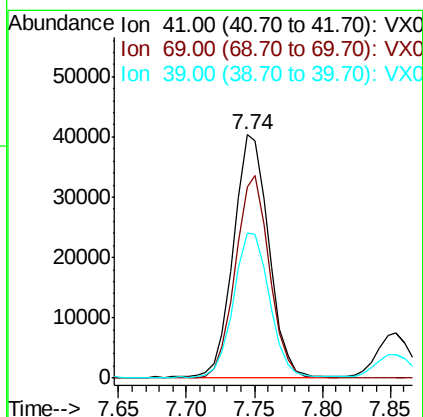
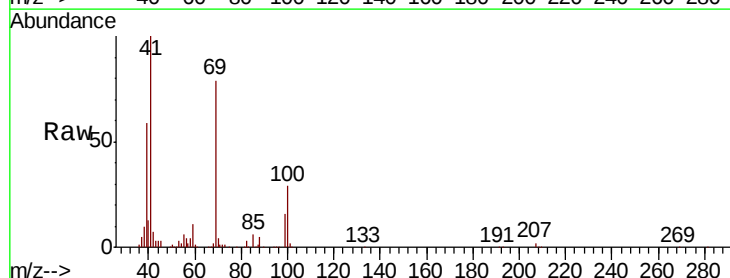
Instrument :
MSVOA_X
ClientSampleId :

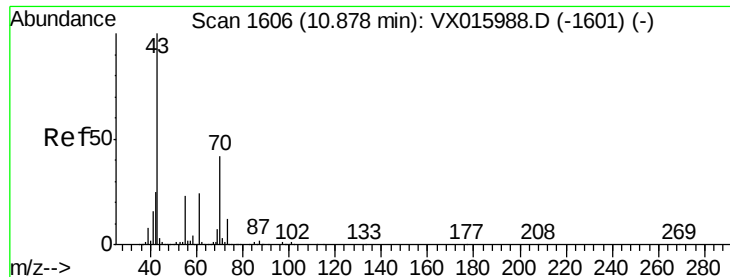
Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	26.3	39.5
58	71.3	57.0	85.6



#46
Methyl methacrylate
Concen: 17.238 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.0	39.5	118.5
39	59.3	29.6	88.9





#47

n-amvl Acetate

Concen: 17.621 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :

MSVOA_X

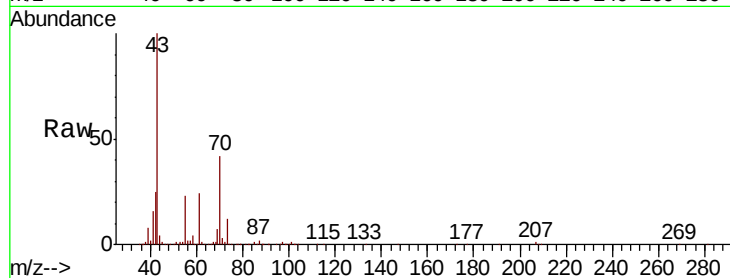
ClientSampleId :

Tot Ion: 43 Resp: 131969

Ion Ratio Lower Upper

43 100

55 23.7 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.88

120000

100000

80000

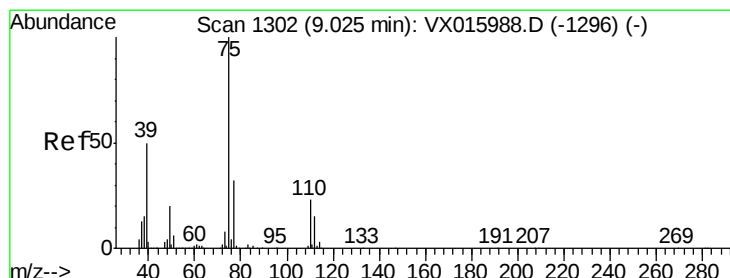
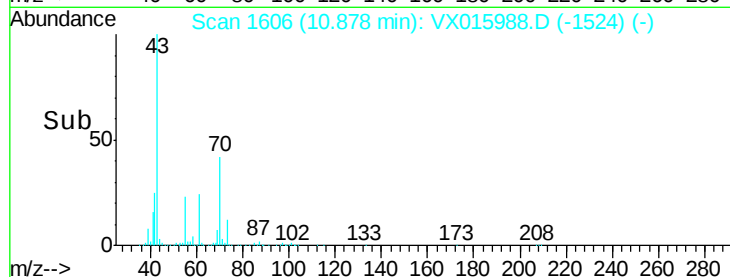
60000

40000

20000

0

Time--> 10.80 10.85 10.90 10.95



#48

t-1,3-Dichloropropene

Concen: 18.154 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX015988.D

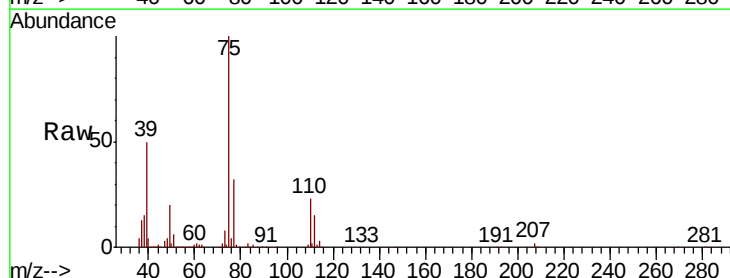
Acq: 30 Apr 2020 10:54

Tgt Ion: 75 Resp: 98506

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.02

80000

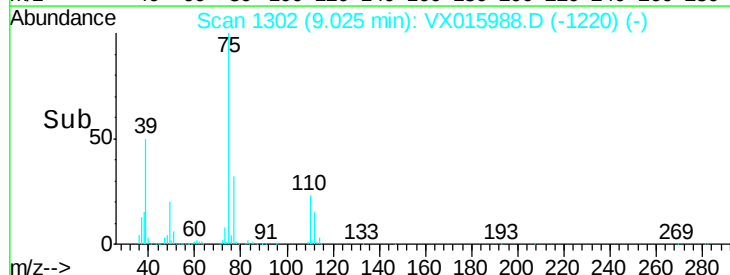
60000

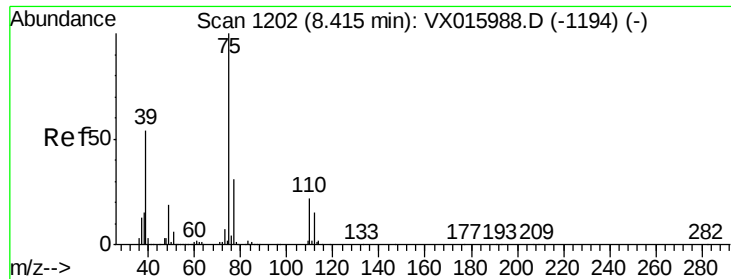
40000

20000

0

Time--> 8.95 9.00 9.05 9.10



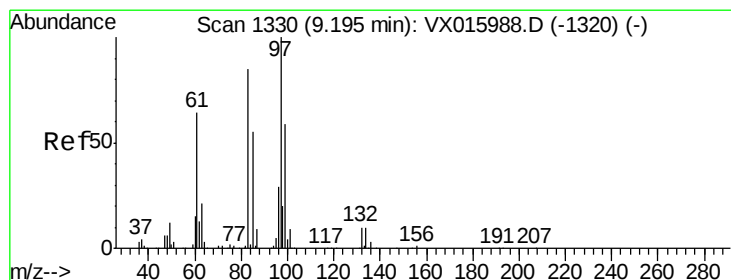
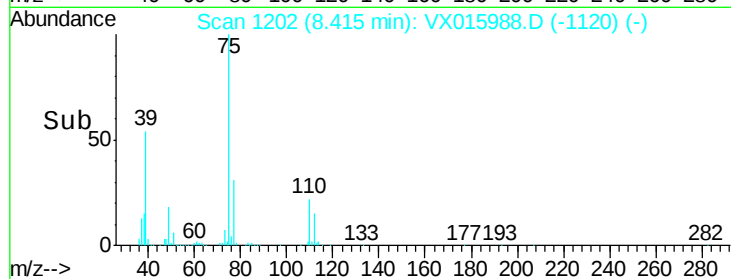
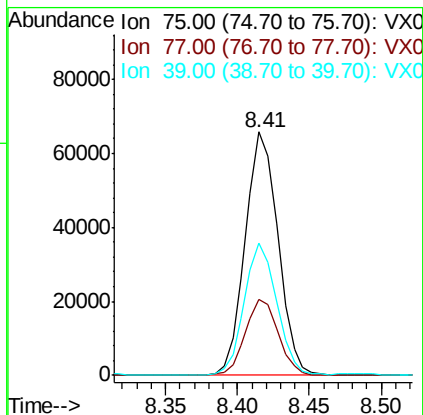
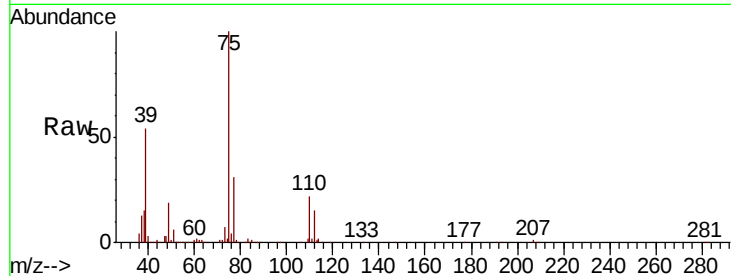


#49

cis-1,3-Dichloropropene
 Concen: 18.562 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX015988.D
 Acq: 30 Apr 2020 10:54

Instrument :
 MSVOA_X
 ClientSampled :

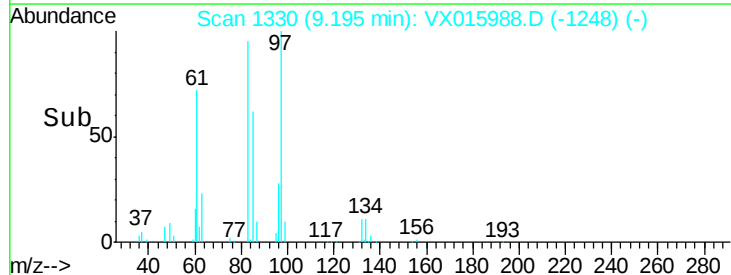
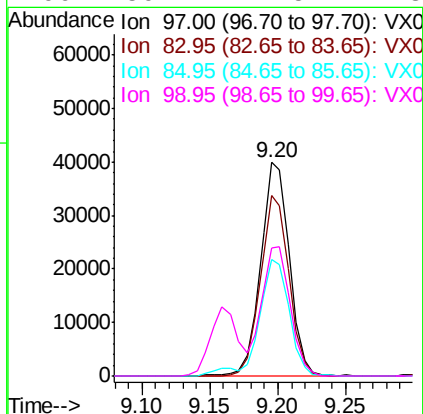
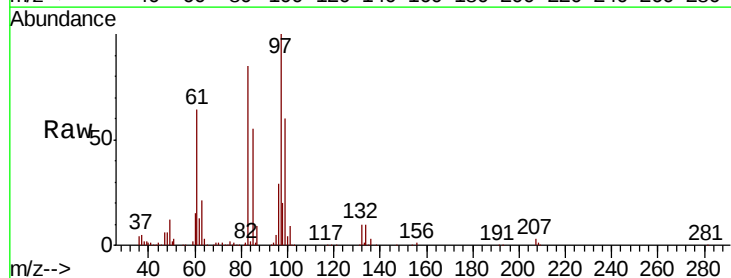
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.6
39	54.0	43.2	64.8

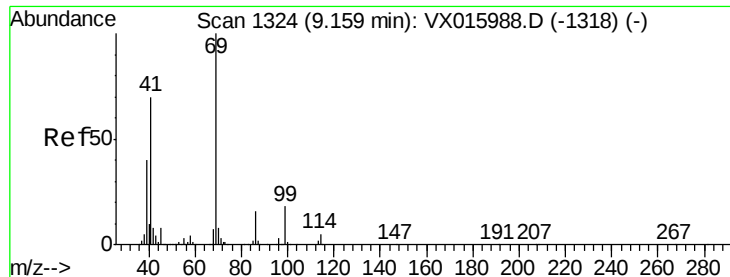


#50

1,1,2-Trichloroethane
 Concen: 18.828 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX015988.D
 Acq: 30 Apr 2020 10:54

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.7	101.5
85	54.6	43.7	65.5
99	59.4	47.5	71.3





#51

Ethyl methacrylate

Concen: 17.805 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

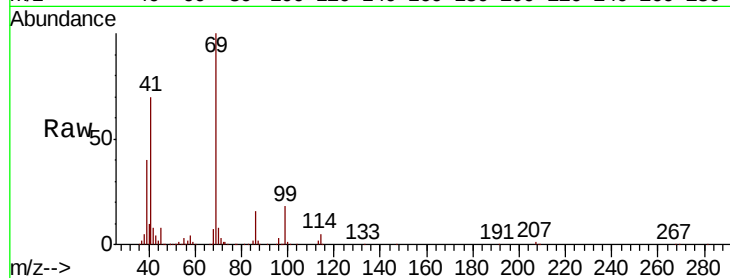
Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 69 Resp: 94445

Ion	Ratio	Lower	Upper
69	100		
41	69.6	34.8	104.4
39	39.6	19.8	59.4

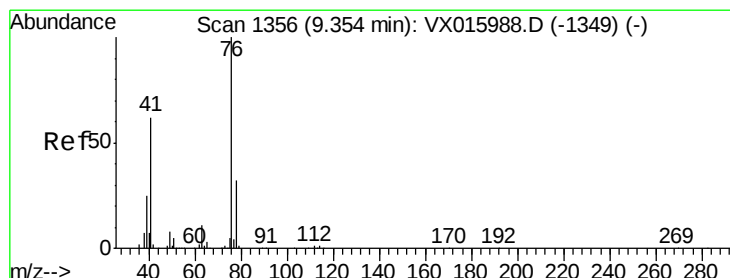
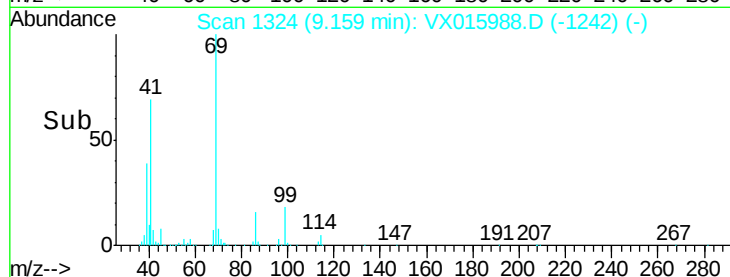
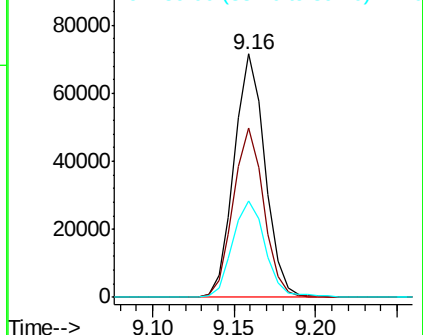


Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.077 ug/l

RT: 9.35 min Scan# 1356

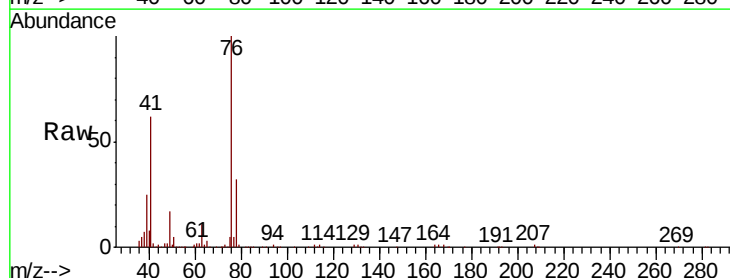
Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Tgt Ion: 76 Resp: 103621

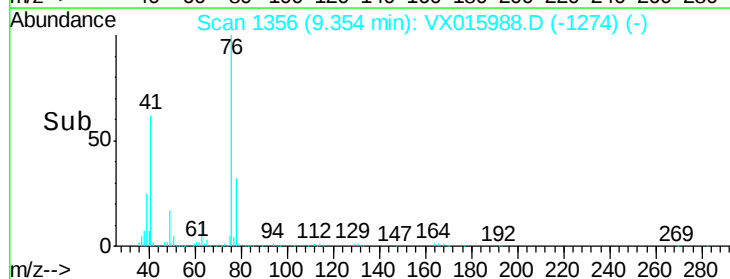
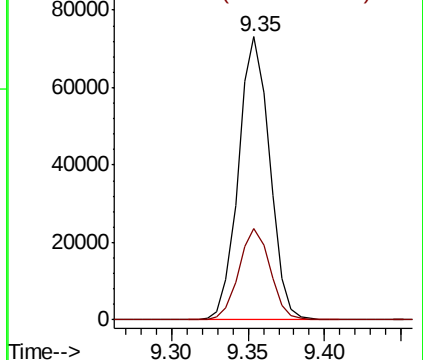
Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	64.2

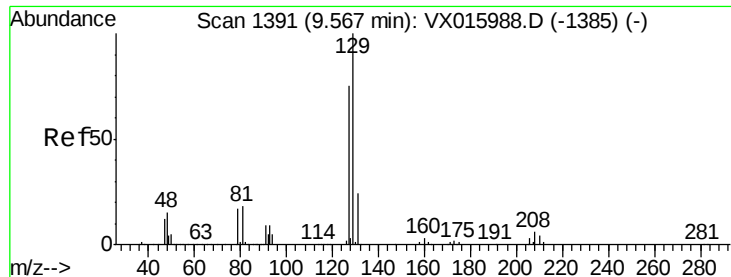


Abundance

Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

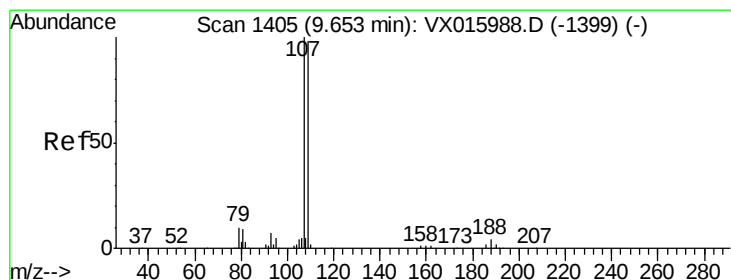
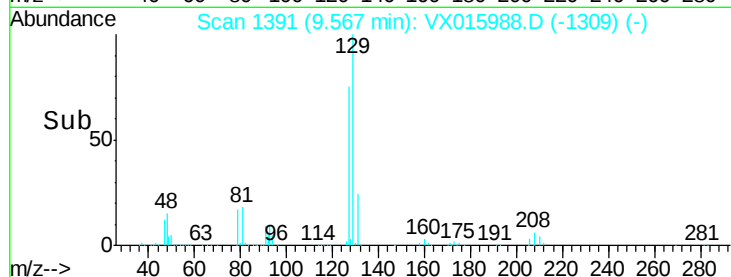
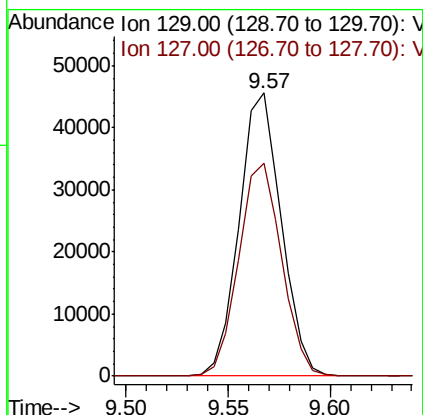
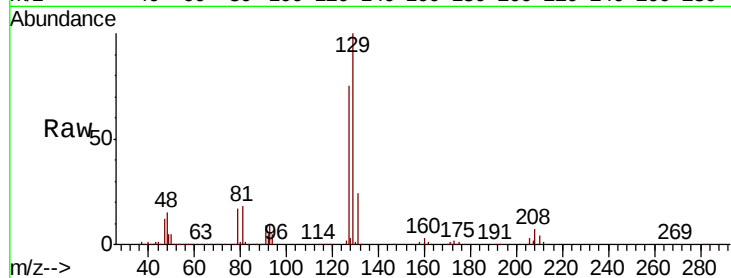




#53
 Dibromochloromethane
 Concen: 17.404 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX015988.D
 Acq: 30 Apr 2020 10:54

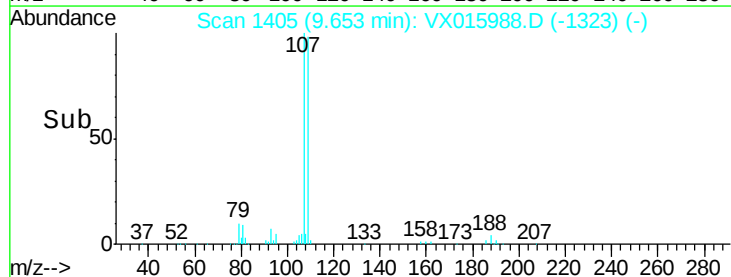
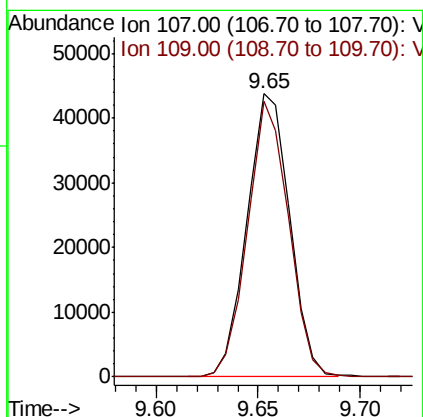
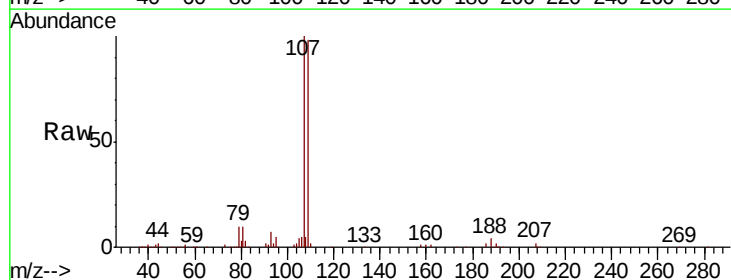
Instrument :
 MSVOA_X
 ClientSampleId :

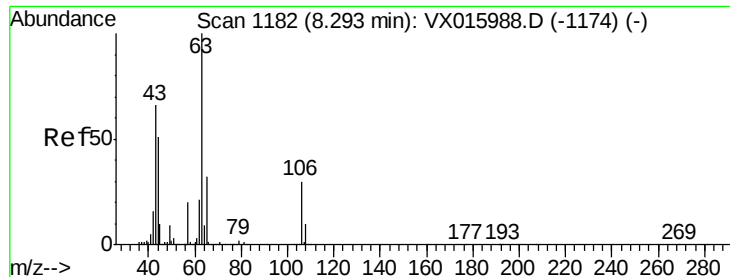
Tot Ion:129 Resp: 65507
 Ion Ratio Lower Upper
 129 100
 127 76.6 38.3 114.9



#54
 1,2-Dibromoethane
 Concen: 18.746 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX015988.D
 Acq: 30 Apr 2020 10:54

Tgt Ion:107 Resp: 63832
 Ion Ratio Lower Upper
 107 100
 109 93.4 74.7 112.1





#55

2-Chloroethyl vinyl ether

Concen: 98.711 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

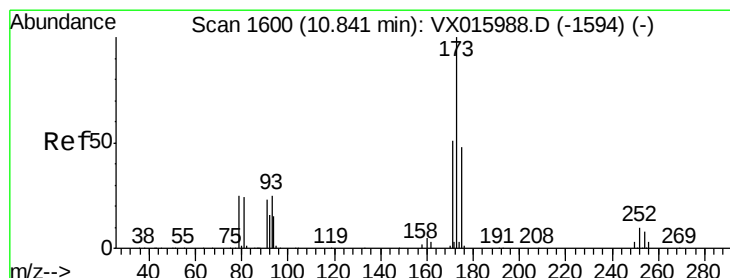
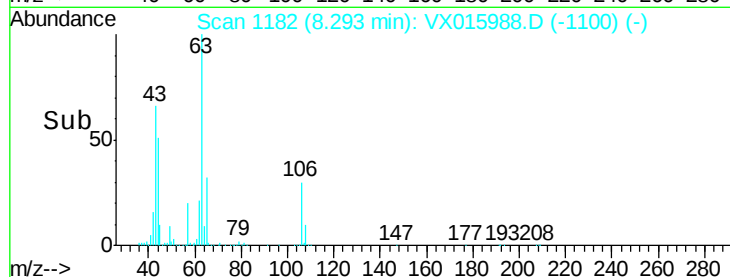
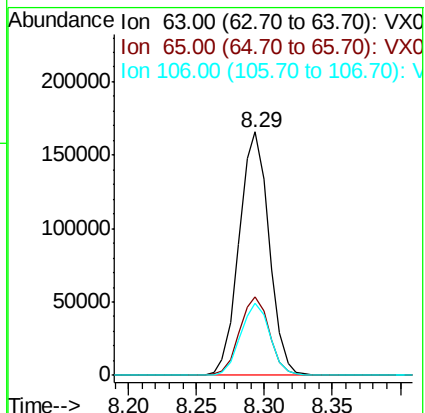
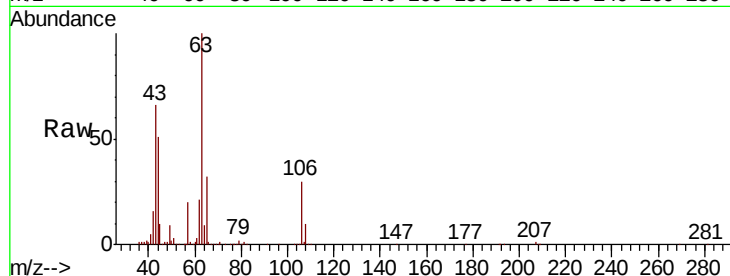
Tot Ion: 63 Resp: 255896

Ion Ratio Lower Upper

63 100

65 32.0 25.6 38.4

106 29.2 23.4 35.0



#56

Bromoform

Concen: 15.902 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

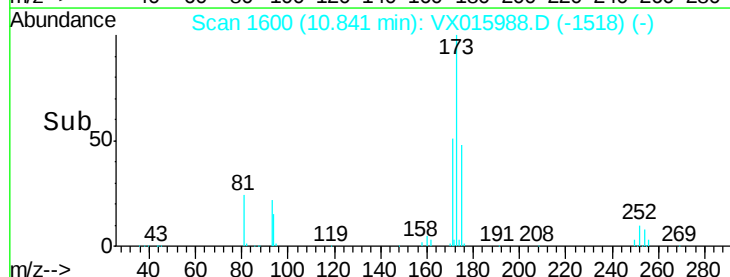
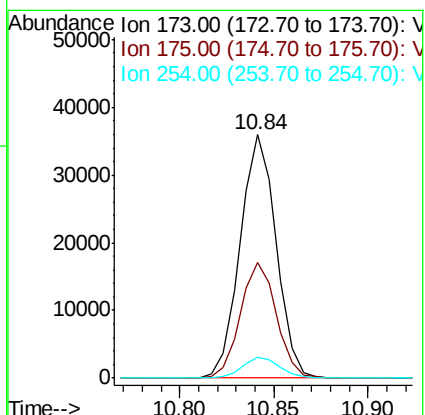
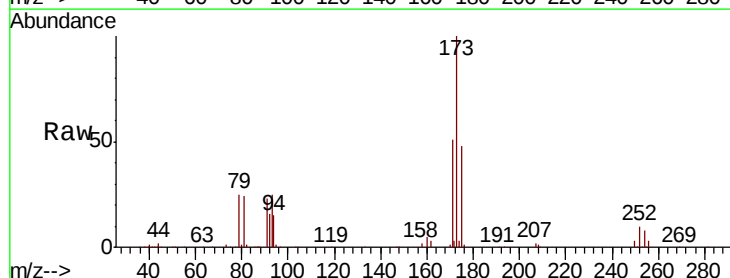
Tgt Ion:173 Resp: 47594

Ion Ratio Lower Upper

173 100

175 47.5 38.0 57.0

254 8.5 6.8 10.2

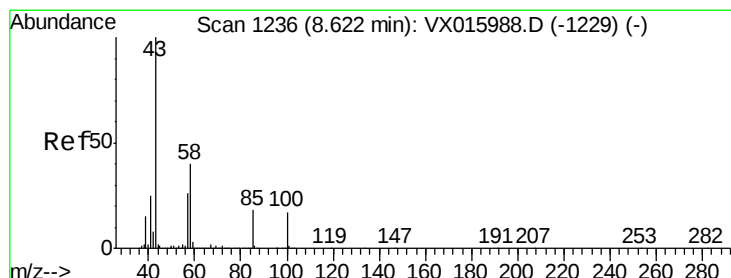
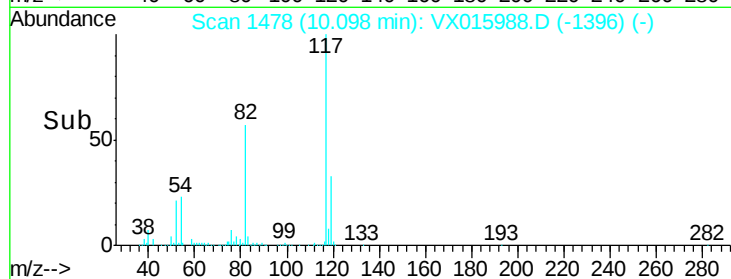
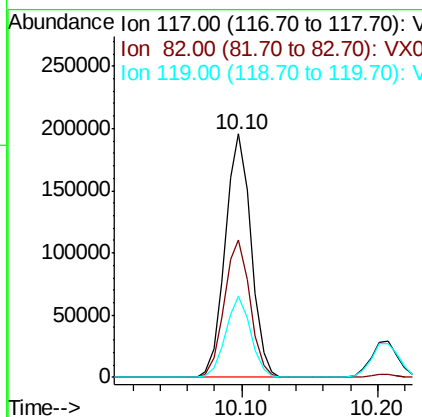
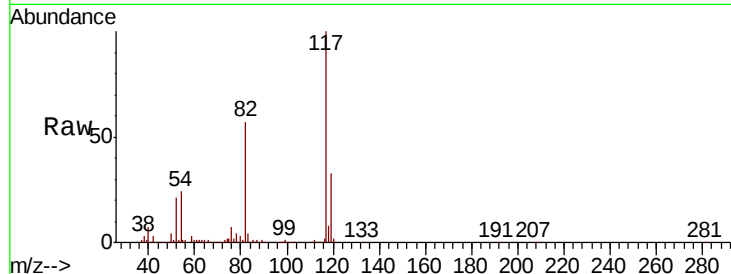




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

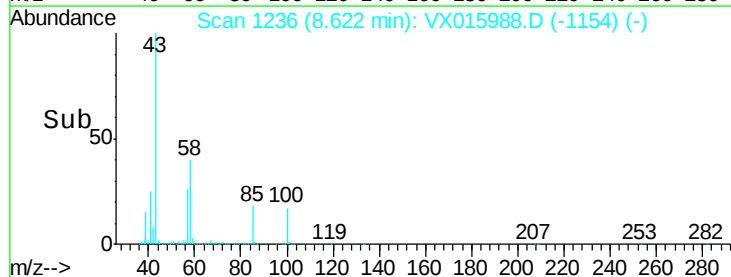
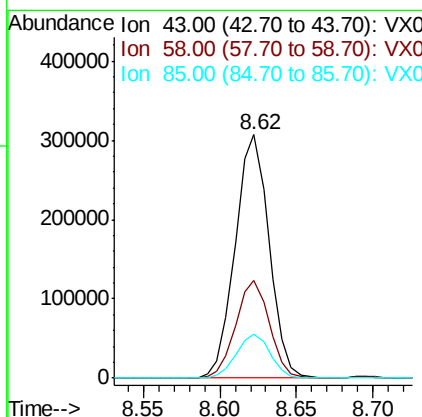
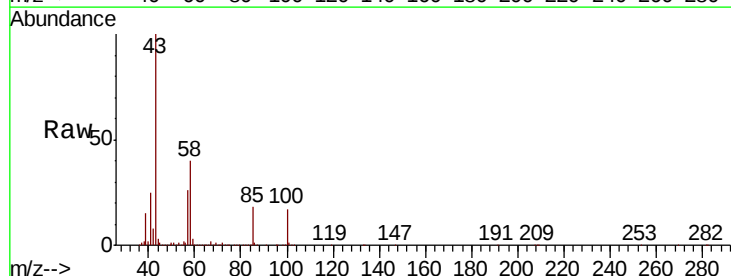
Instrument :
MSVOA_X
ClientSampleId :

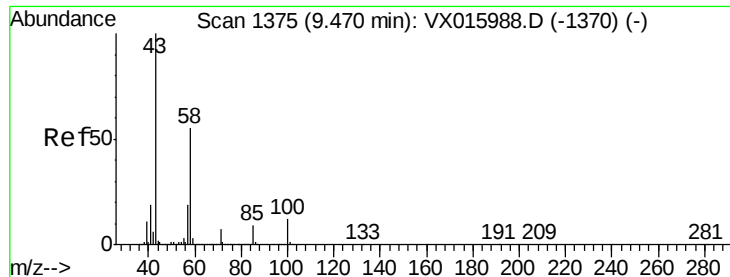
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.1	67.7
119	32.0	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 96.538 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.8	47.6
85	18.1	14.5	21.7

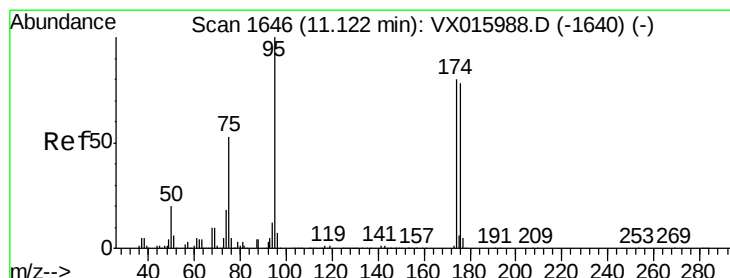
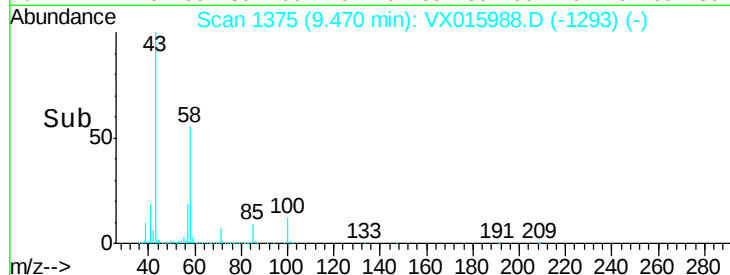
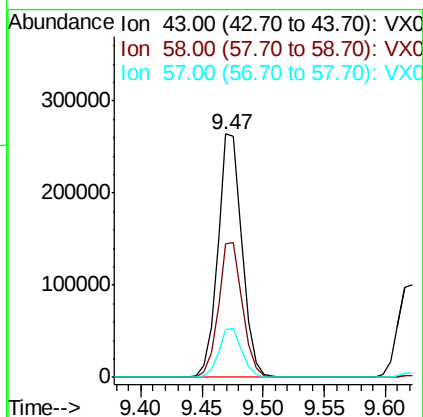
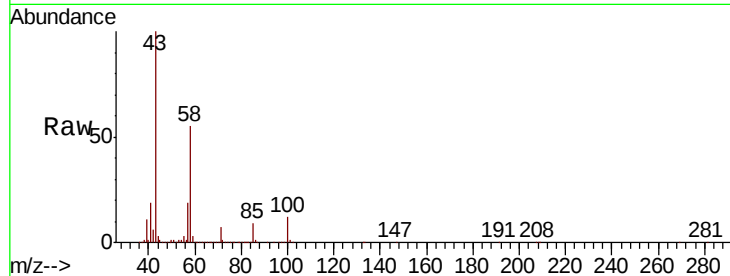




#59
2-Hexanone
Concen: 96.443 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

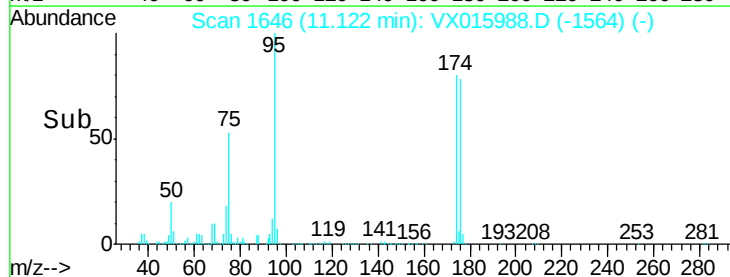
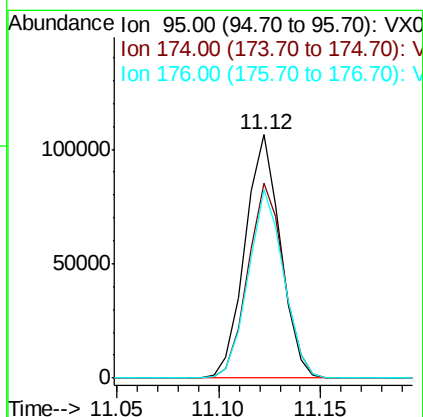
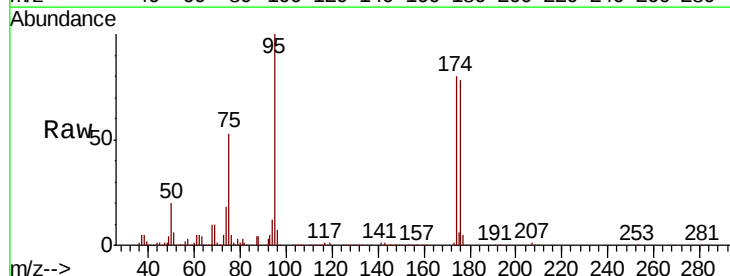
Instrument :
MSVOA_X
ClientSampleId :

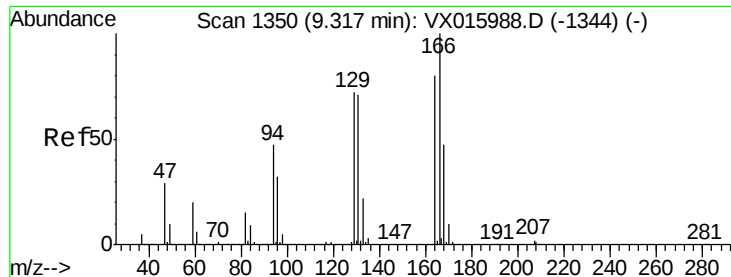
Tot Ion	Ratio	Lower	Upper
43	100		
58	55.0	44.0	66.0
57	19.4	15.5	23.3



#60
4-Bromofluorobenzene
Concen: 29.462 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.0	64.8	97.2
176	78.0	62.4	93.6





#61

Tetrachloroethene

Concen: 24.652 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 99001

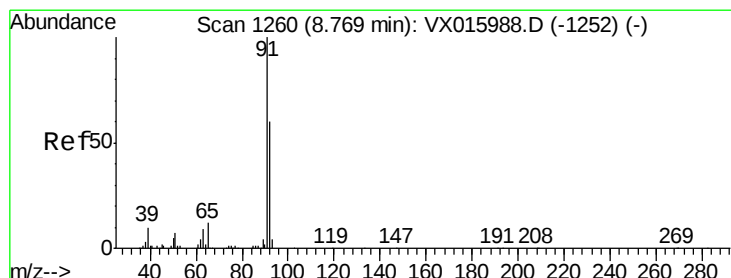
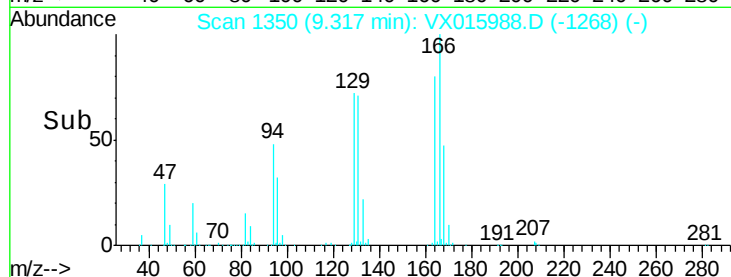
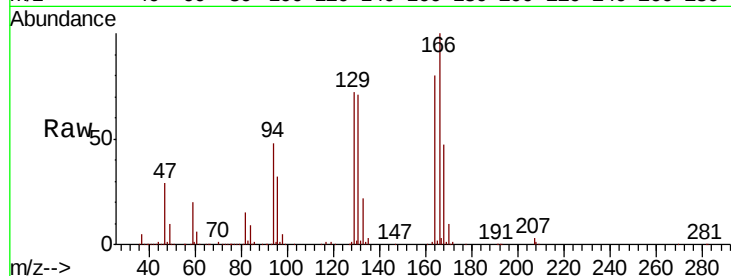
Ion	Ratio	Lower	Upper
164	100		
166	125.1	100.1	150.1
129	90.3	72.2	108.4
131	89.1	71.3	106.9

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: 19.334 ug/l

RT: 8.77 min Scan# 1260

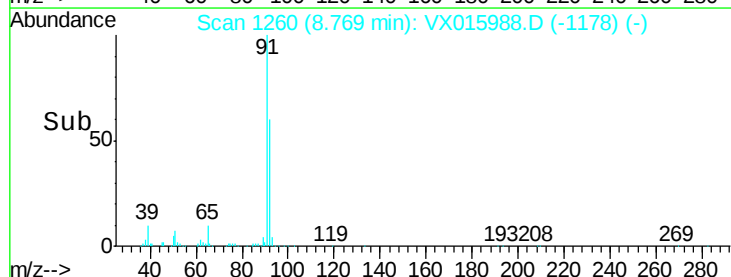
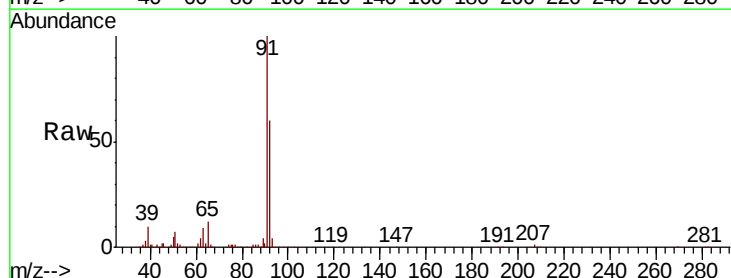
Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

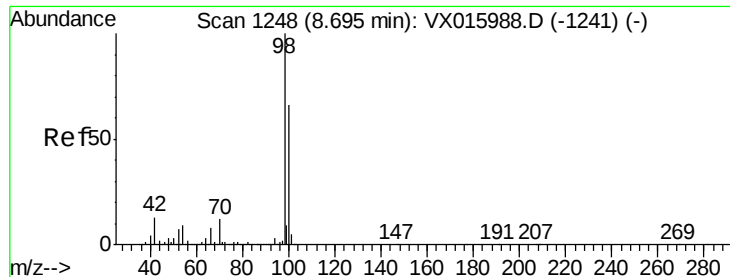
Tgt Ion: 91 Resp: 254582

Ion	Ratio	Lower	Upper
91	100		
92	59.0	47.2	70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



#63

Toluene-d8

Concen: 30.979 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :

MSVOA_X

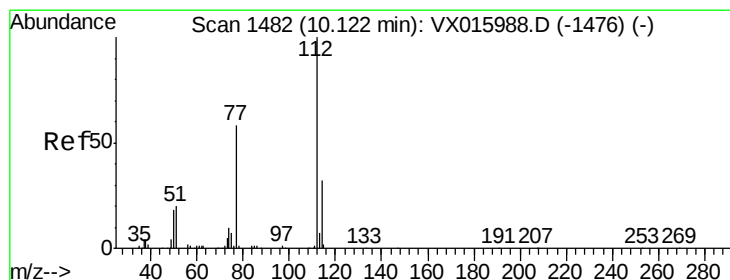
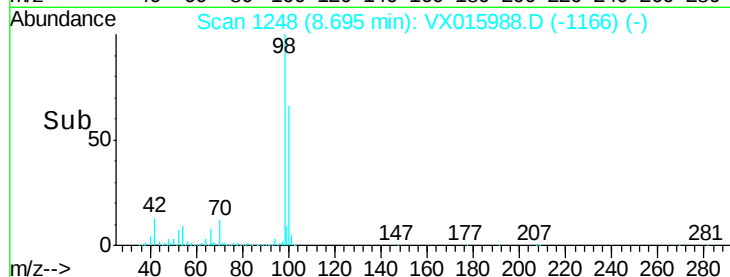
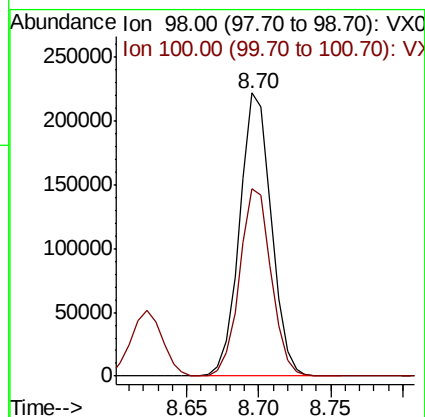
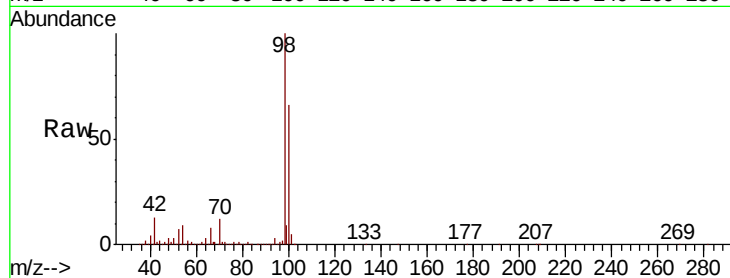
ClientSampleId :

Tot Ion: 98 Resp: 339060

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7



#64

Chlorobenzene

Concen: 19.046 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX015988.D

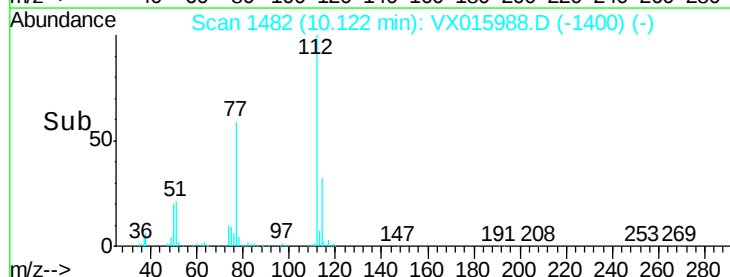
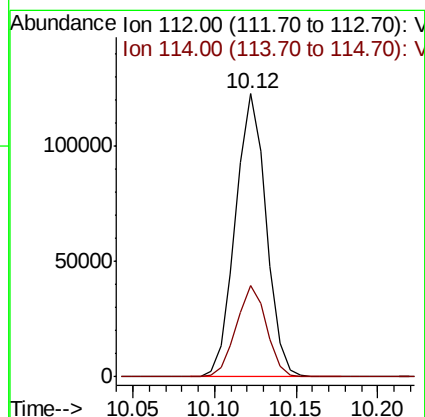
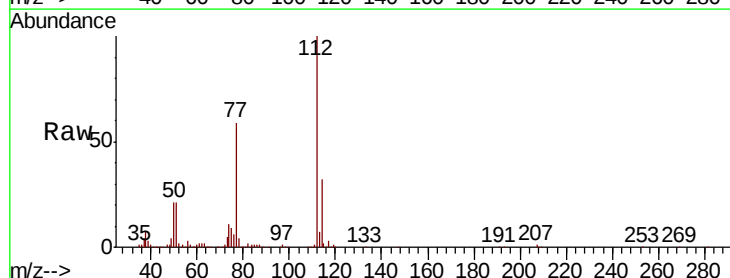
Acq: 30 Apr 2020 10:54

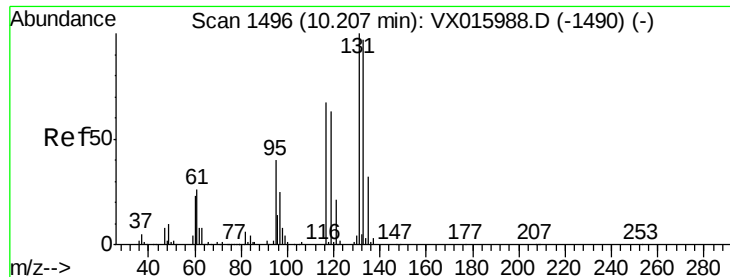
Tgt Ion: 112 Resp: 161213

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 17.979 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

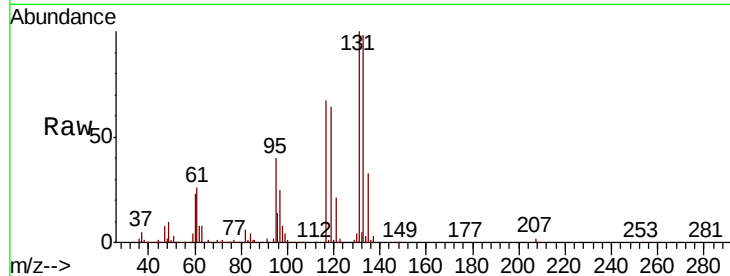
Tot Ion:131 Resp: 60568

Ion Ratio Lower Upper

131 100

133 93.5 0.0 187.0

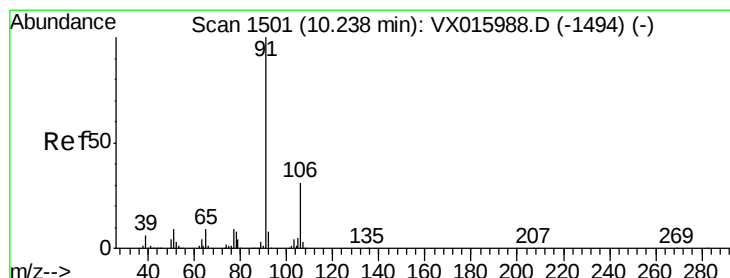
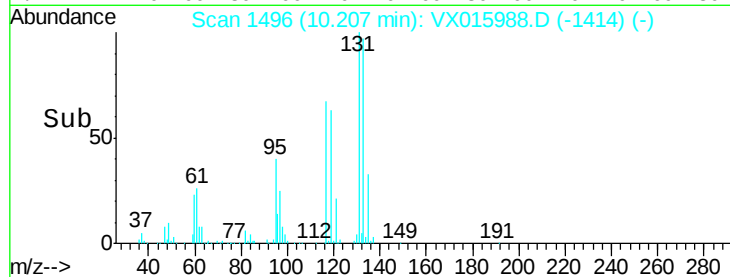
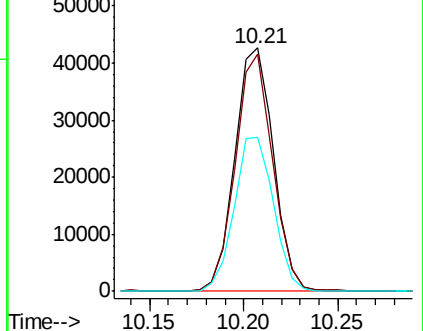
119 64.5 0.0 129.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.312 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX015988.D

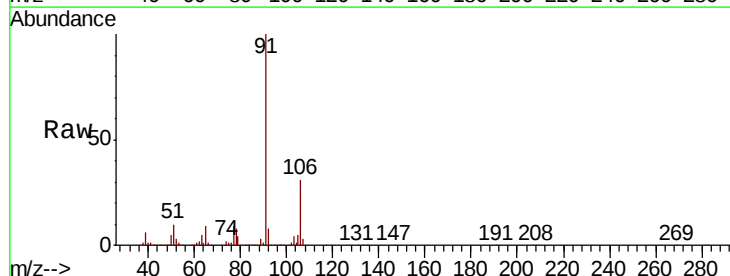
Acq: 30 Apr 2020 10:54

Tgt Ion: 91 Resp: 289365

Ion Ratio Lower Upper

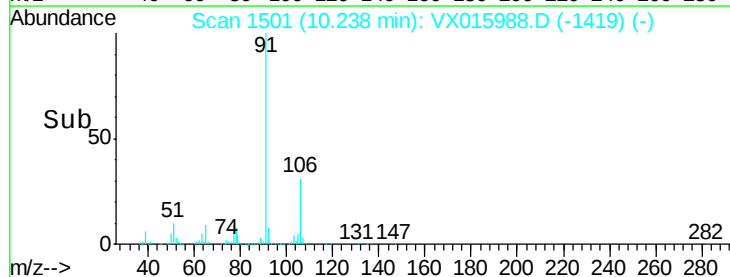
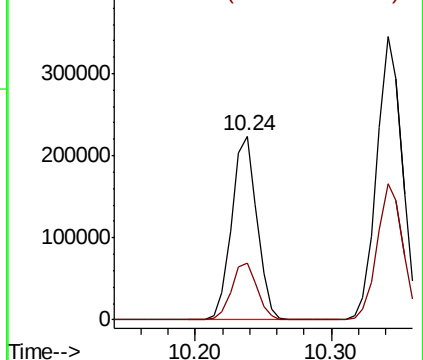
91 100

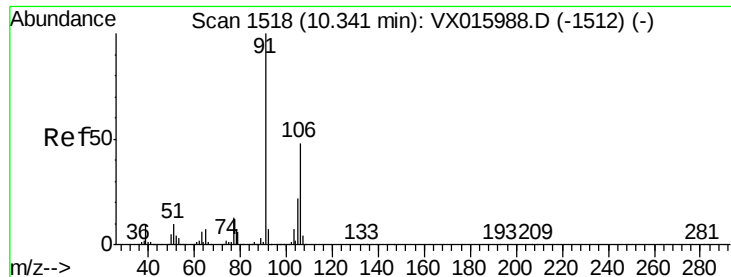
106 31.0 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 38.135 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :

MSVOA_X

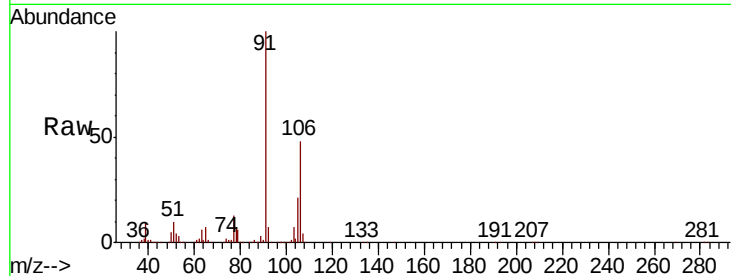
ClientSampleId :

Tot Ion:106 Resp: 217497

Ion Ratio Lower Upper

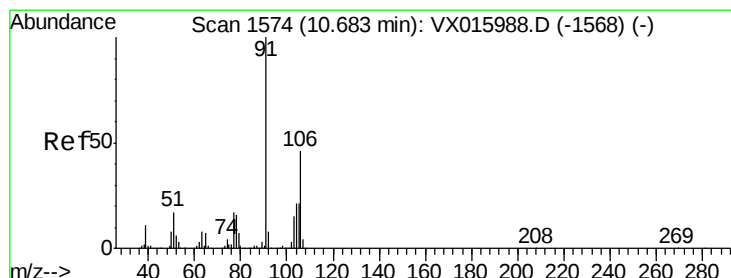
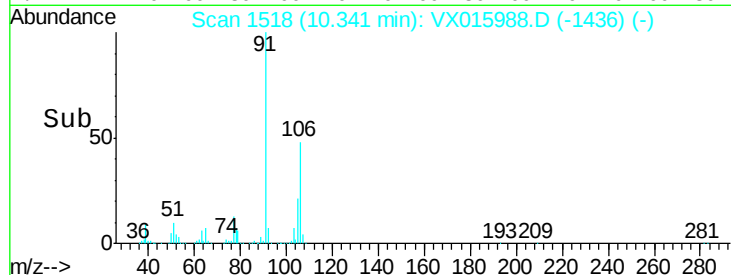
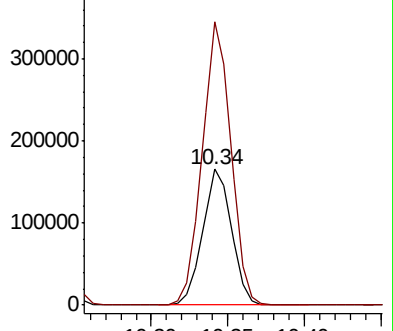
106 100

91 205.3 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.755 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX015988.D

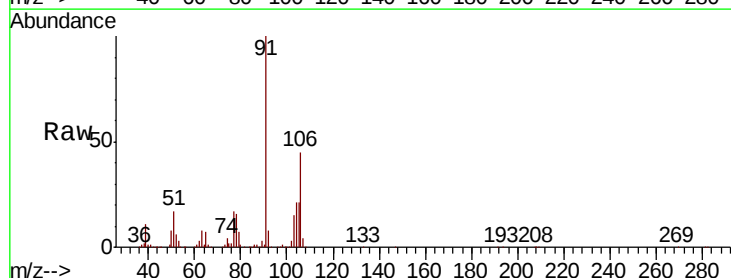
Acq: 30 Apr 2020 10:54

Tgt Ion:106 Resp: 103722

Ion Ratio Lower Upper

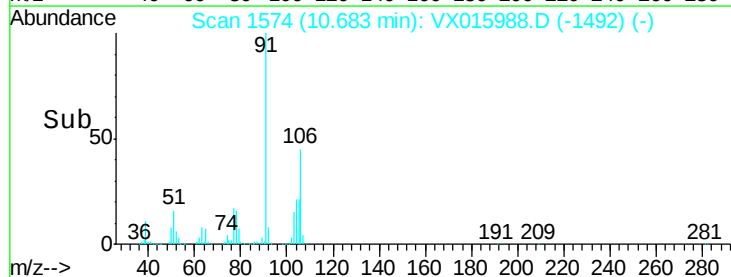
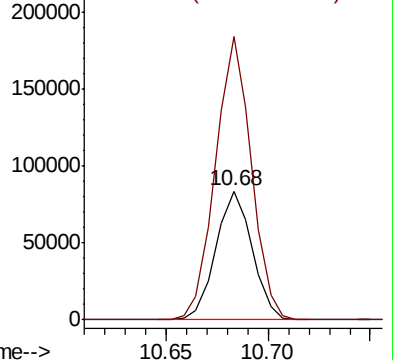
106 100

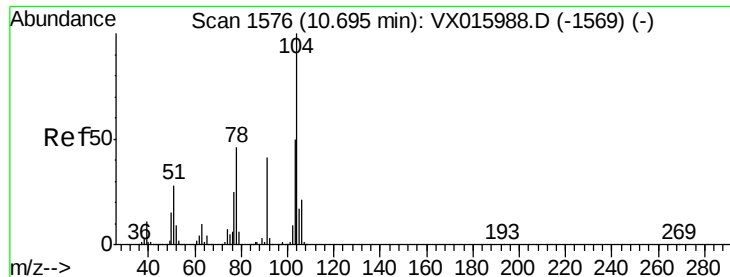
91 216.7 108.3 325.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

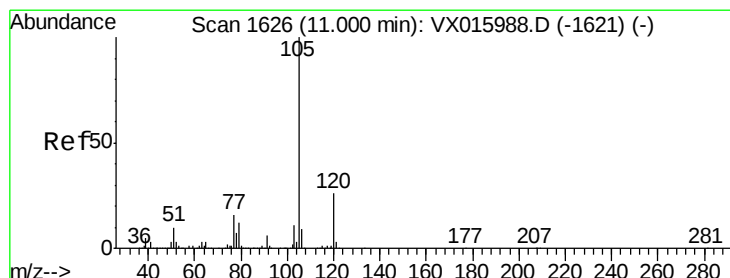
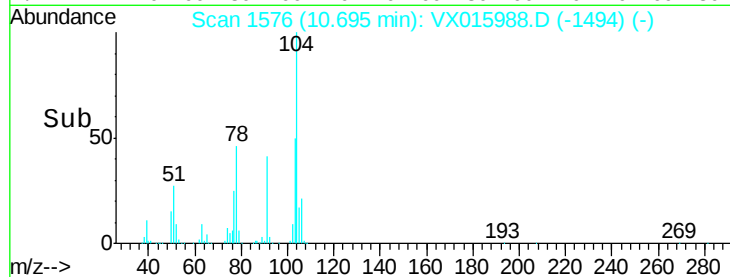
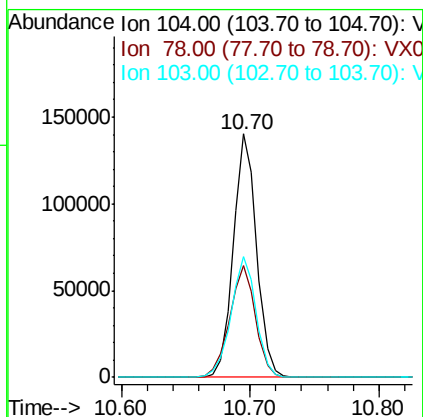
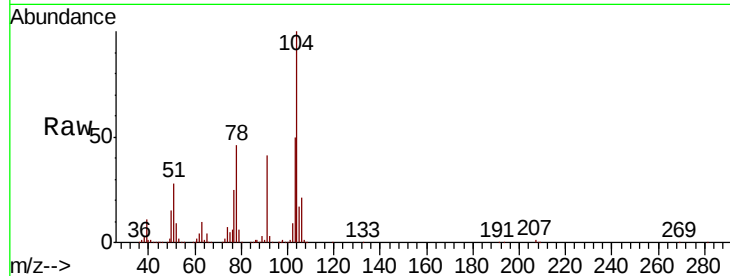




#69
Stvrene
Concen: 18.476 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

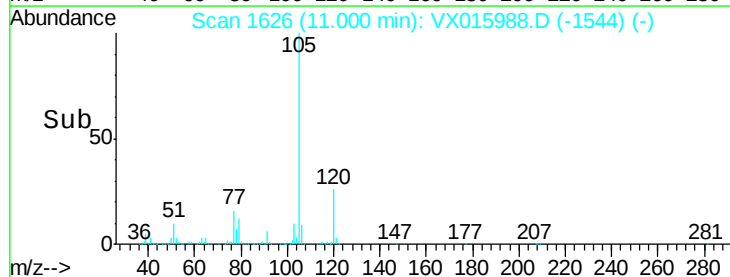
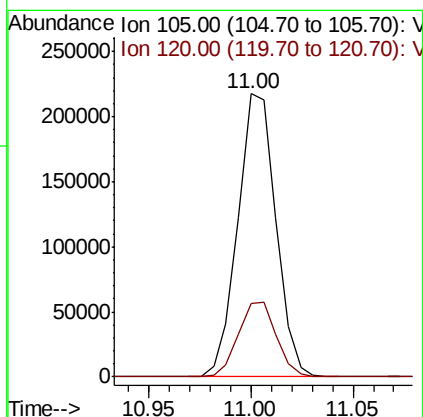
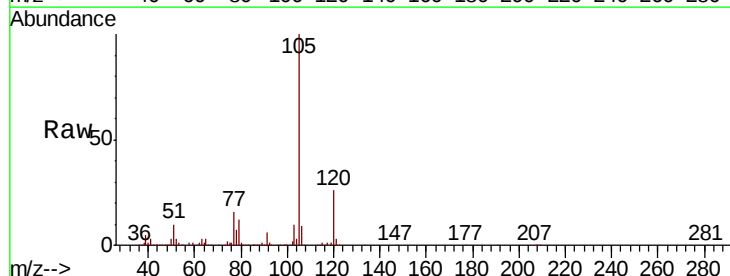
Instrument :
MSVOA_X
ClientSampleId :

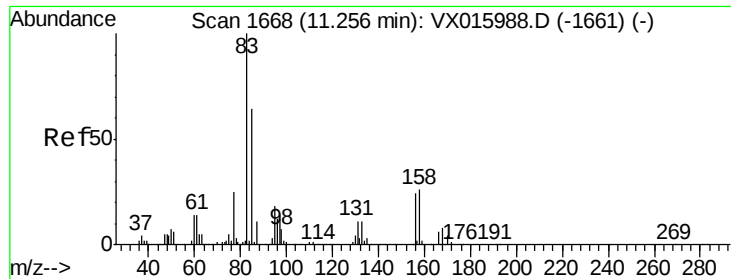
Tot Ion:104 Resp: 176639
Ion Ratio Lower Upper
104 100
78 50.9 40.7 61.1
103 53.7 43.0 64.4



#70
Isopropylbenzene
Concen: 19.089 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

Tgt Ion:105 Resp: 281888
Ion Ratio Lower Upper
105 100
120 26.5 18.6 34.5





#71

1,1,2,2-Tetrachloroethane

Concen: 10.766 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

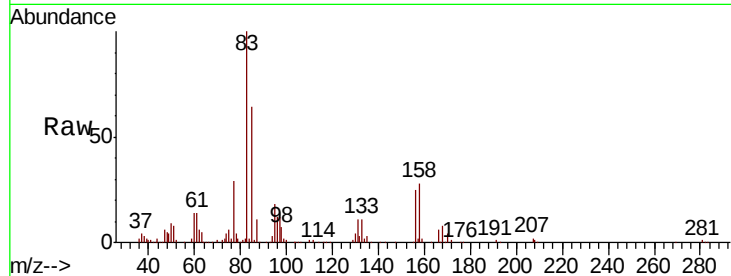
Tot Ion: 83 Resp: 42035

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

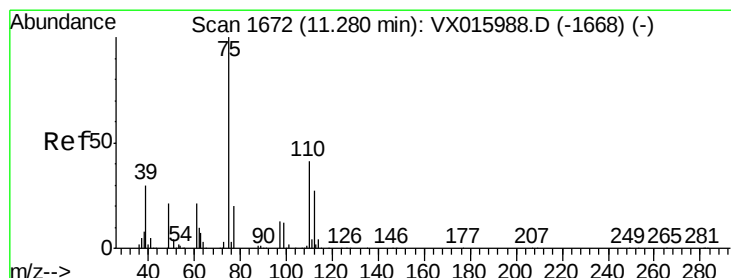
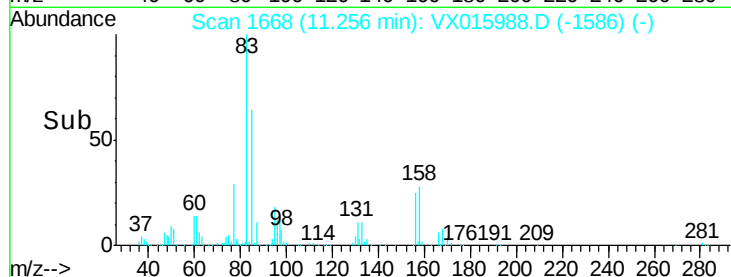
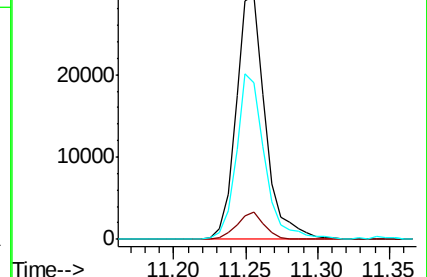
85 65.9 33.0 98.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 25.525 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX015988.D

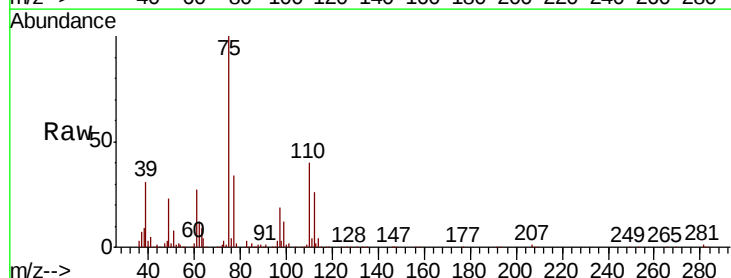
Acq: 30 Apr 2020 10:54

Tgt Ion: 75 Resp: 114668

Ion Ratio Lower Upper

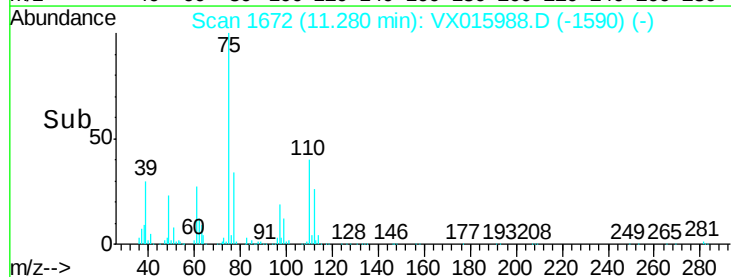
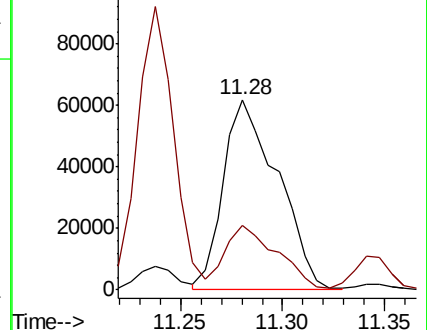
75 100

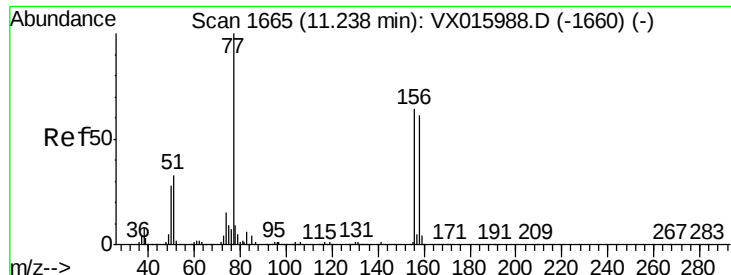
77 32.1 0.0 86.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.315 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

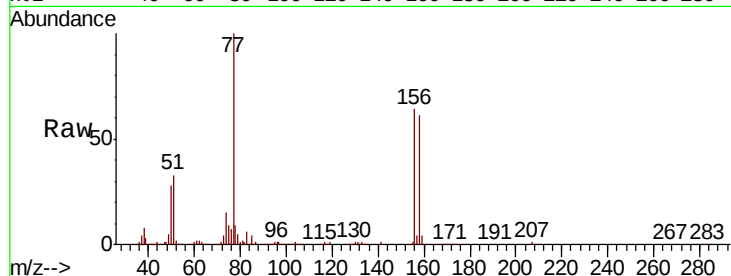
Tot Ion:156 Resp: 71309

Ion Ratio Lower Upper

156 100

77 159.0 0.0 318.0

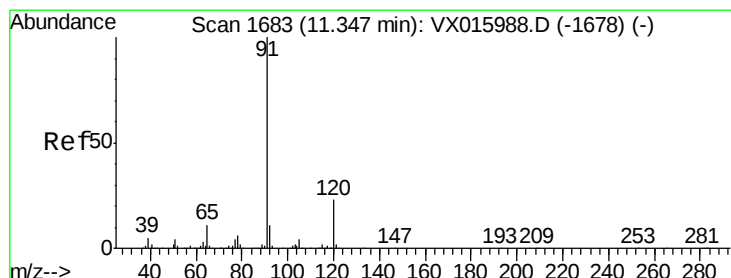
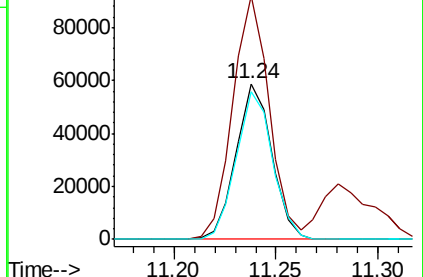
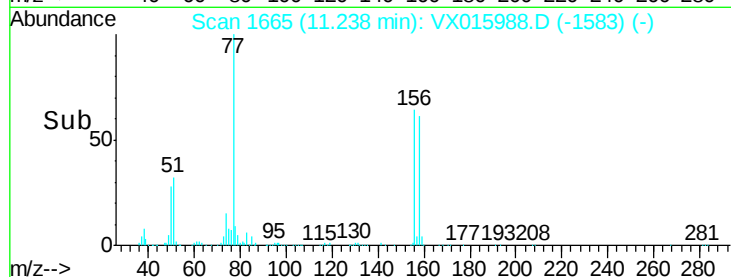
158 96.6 0.0 193.2



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: 19.179 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX015988.D

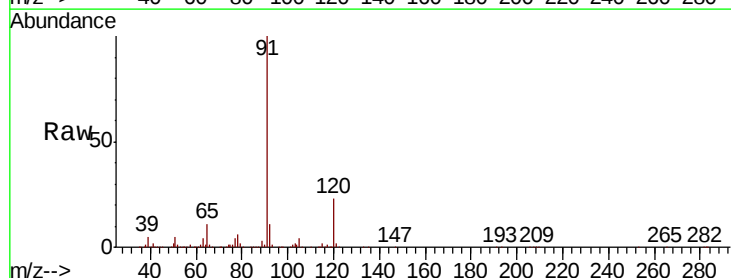
Acq: 30 Apr 2020 10:54

Tgt Ion: 91 Resp: 325844

Ion Ratio Lower Upper

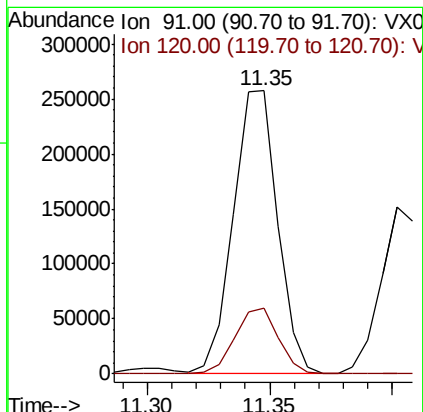
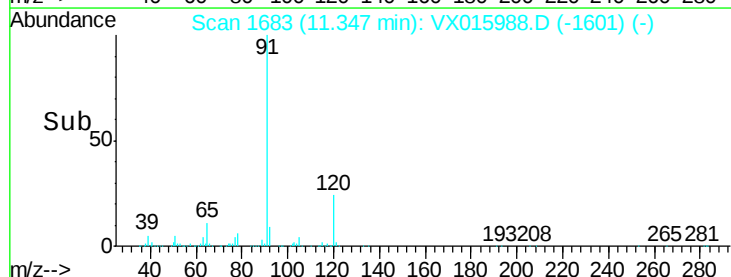
91 100

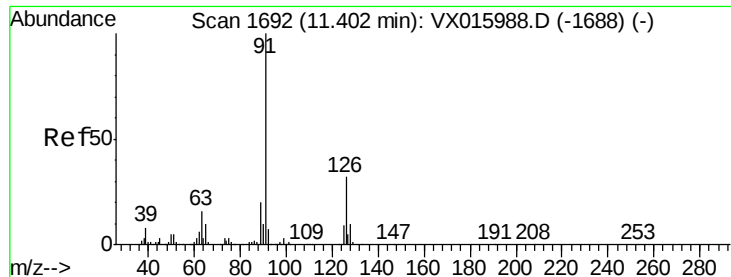
120 22.7 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.856 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :

MSVOA_X

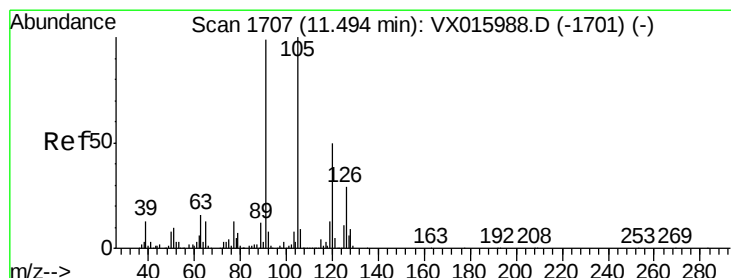
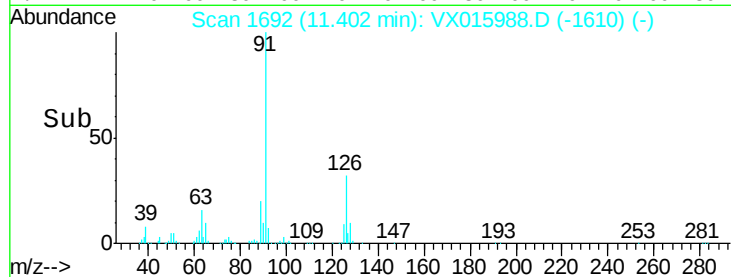
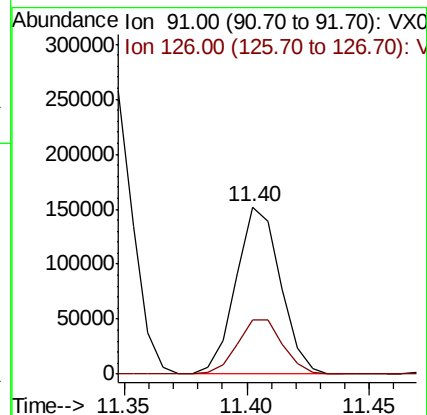
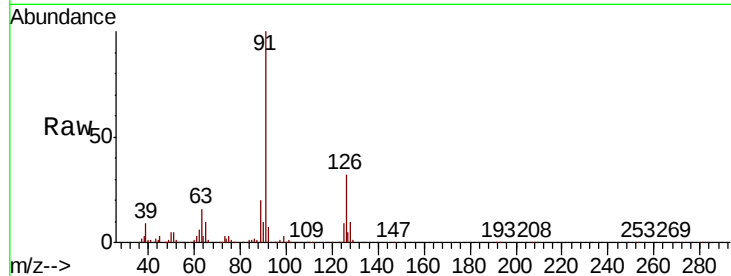
ClientSampled :

Tot Ion: 91 Resp: 192547

Ion Ratio Lower Upper

91 100

126 33.1 0.0 66.2



#76

1,3,5-Trimethylbenzene

Concen: 18.716 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015988.D

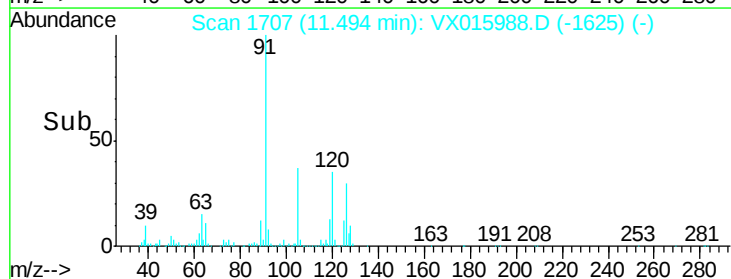
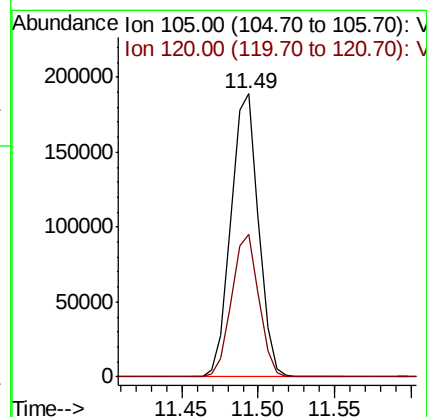
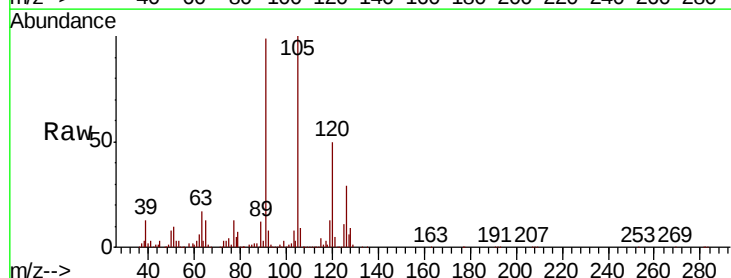
Acq: 30 Apr 2020 10:54

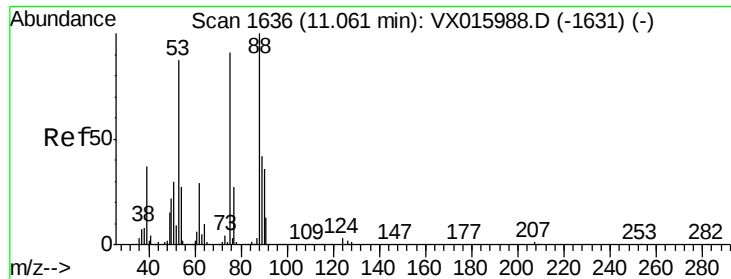
Tgt Ion: 105 Resp: 235660

Ion Ratio Lower Upper

105 100

120 49.7 0.0 99.4





#77

t-1,4-Dichloro-2-butene

Concen: 18.397 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

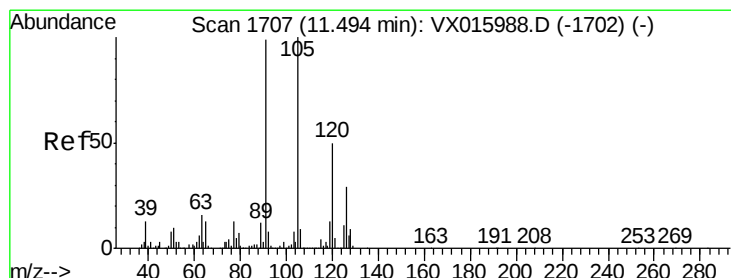
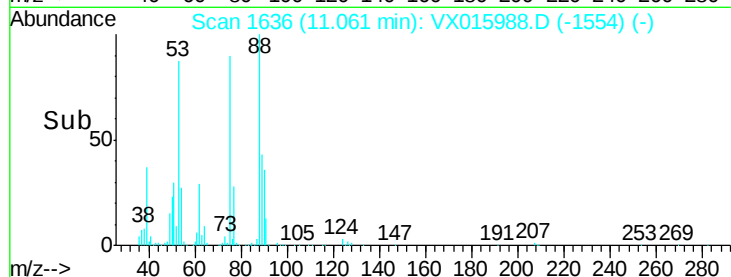
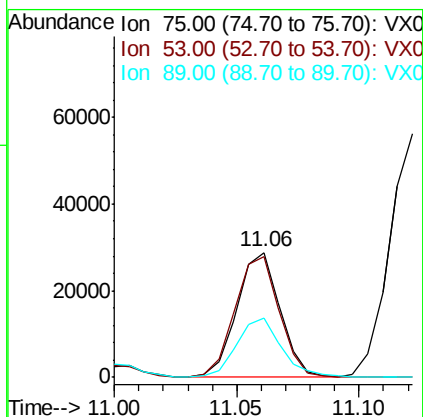
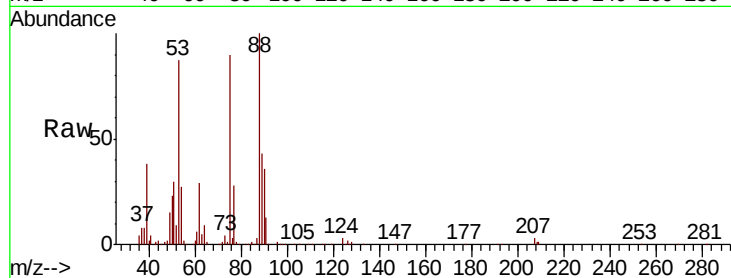
Tot Ion: 75 Resp: 35447

Ion Ratio Lower Upper

75 100

53 96.1 48.0 144.2

89 46.9 23.4 70.3



#78

4-Chlorotoluene

Concen: 19.009 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015988.D

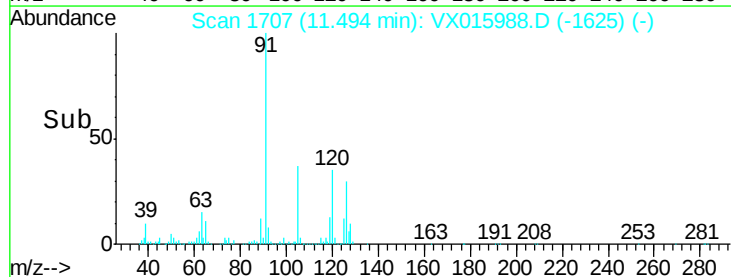
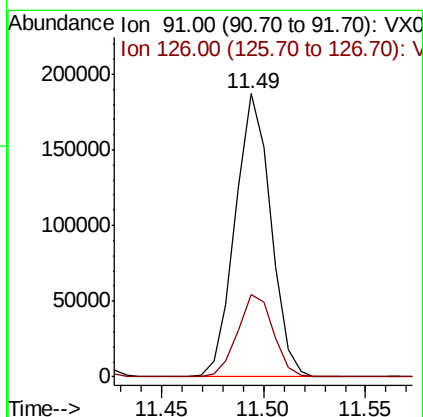
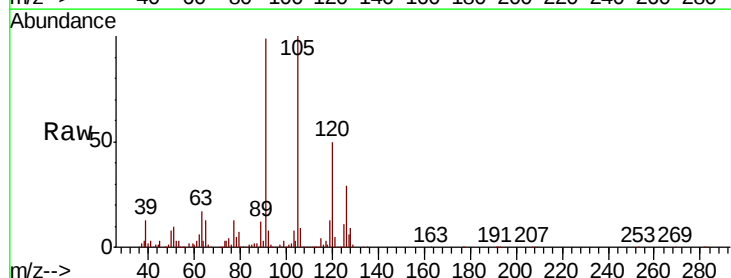
Acq: 30 Apr 2020 10:54

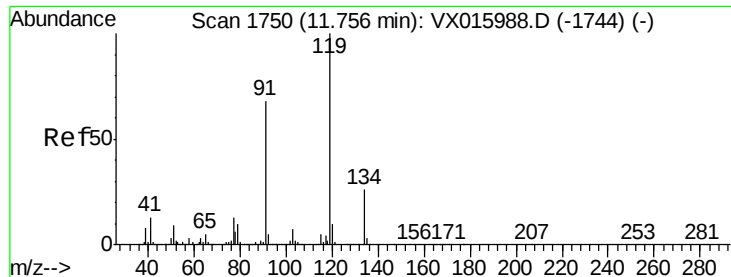
Tgt Ion: 91 Resp: 226119

Ion Ratio Lower Upper

91 100

126 29.2 0.0 58.4

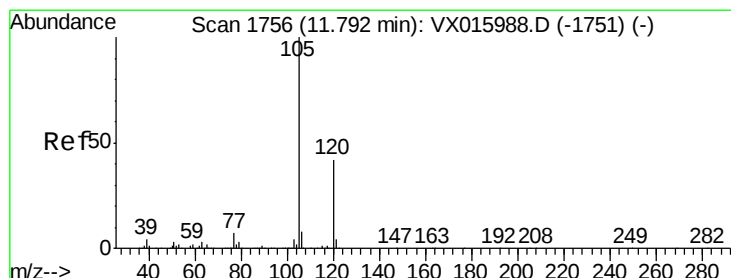
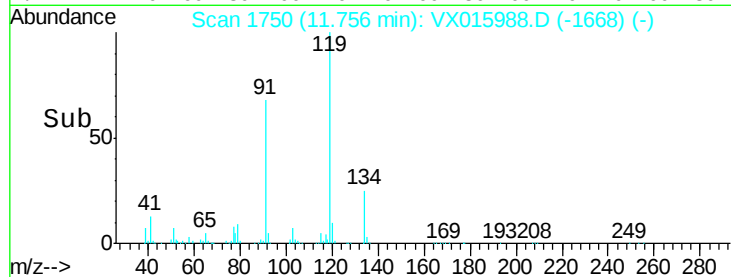
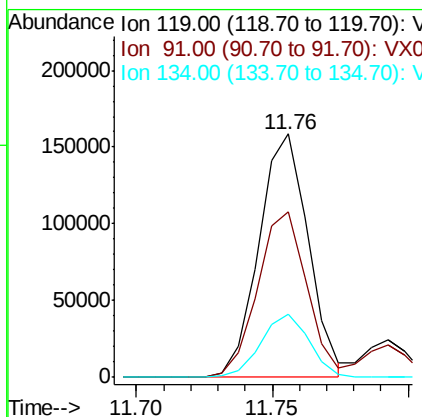
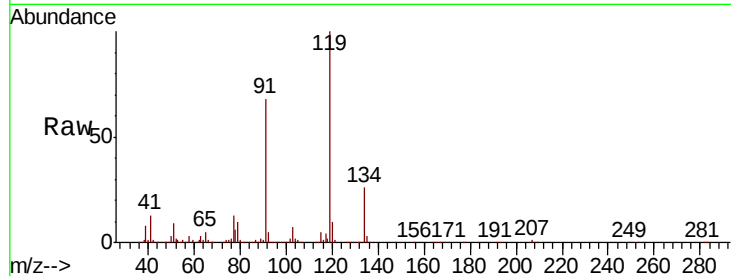




#79
tert-butylbenzene
Concen: 16.716 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

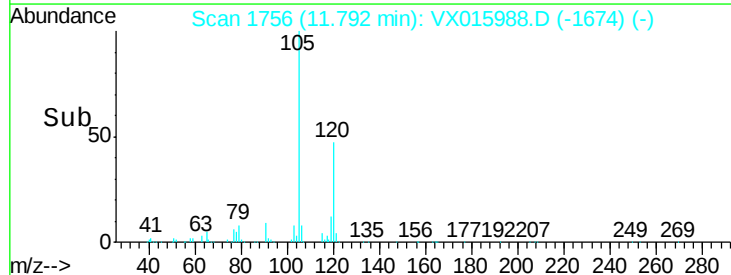
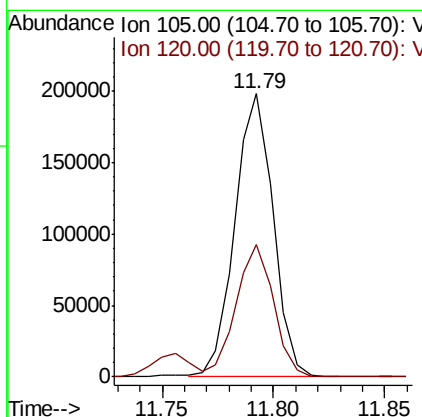
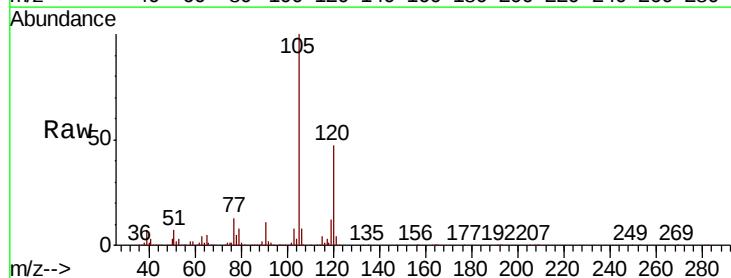
Instrument :
MSVOA_X
ClientSampleId :

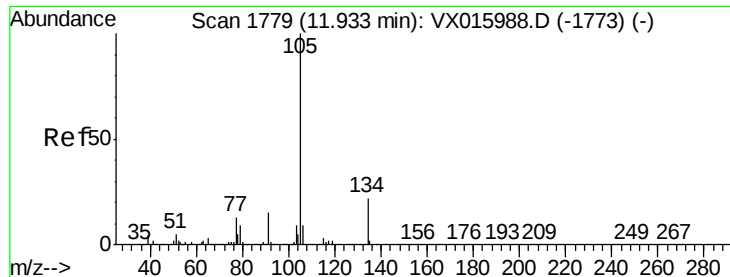
Tot Ion	Ratio	Lower	Upper
119	100		
91	67.8	0.0	135.6
134	25.5	0.0	51.0



#80
1,2,4-Trimethylbenzene
Concen: 18.682 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	0.0	91.0

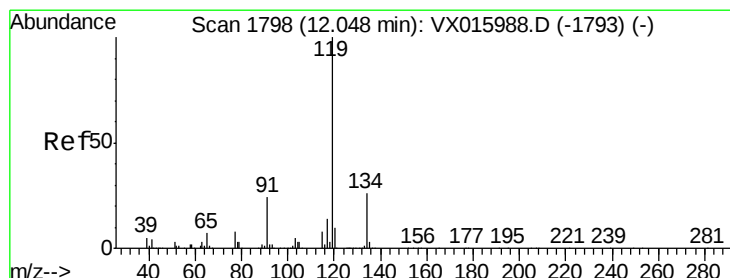
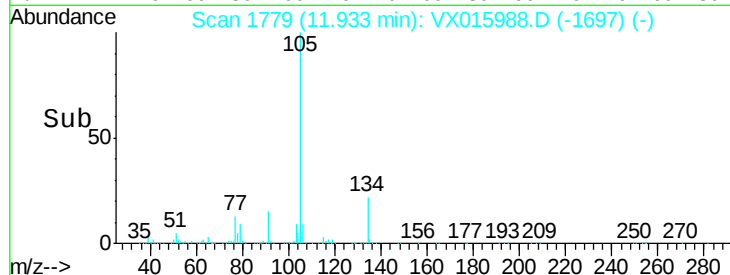
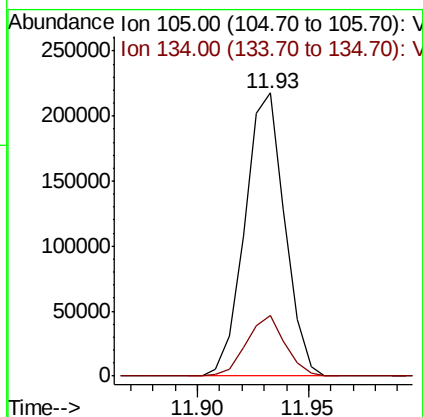
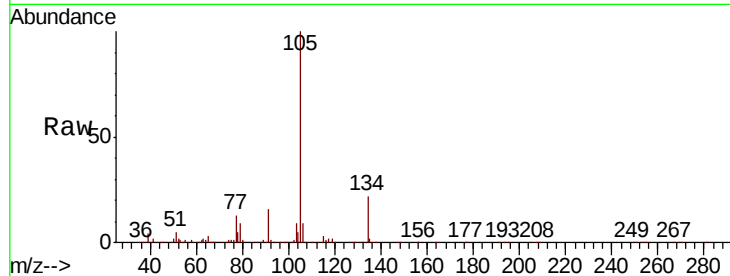




#81
 sec-Butylbenzene
 Concen: 18.801 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX015988.D
 Acq: 30 Apr 2020 10:54

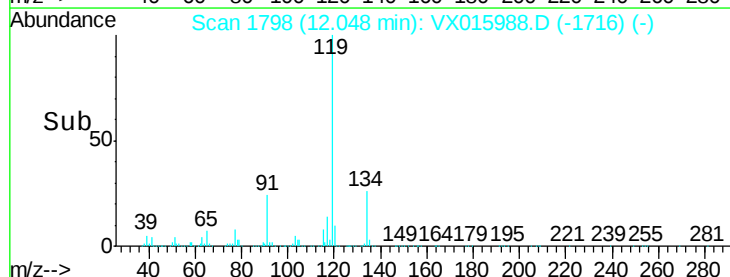
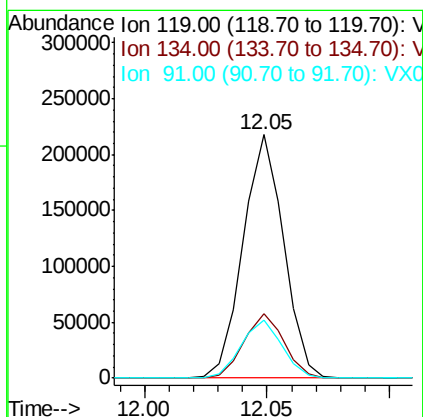
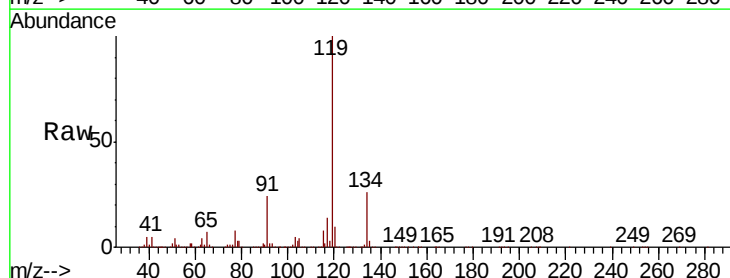
Instrument :
 MSVOA_X
 ClientSampled :

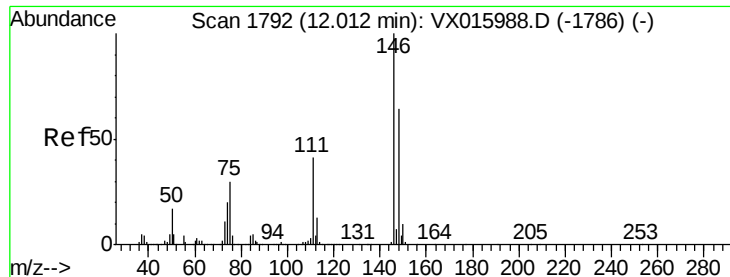
Tot Ion:105 Resp: 272331
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 18.477 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX015988.D
 Acq: 30 Apr 2020 10:54

Tgt Ion:119 Resp: 251146
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.6
 91 23.8 0.0 47.6

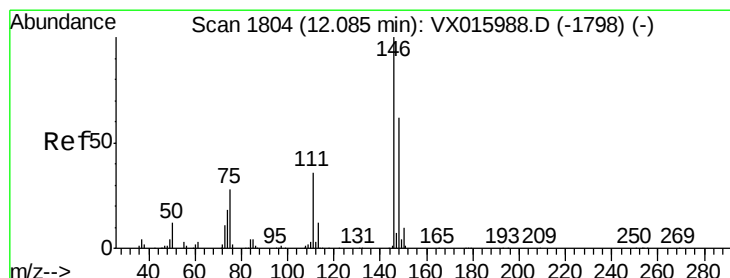
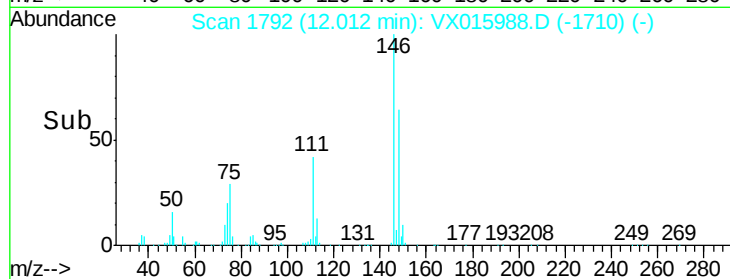
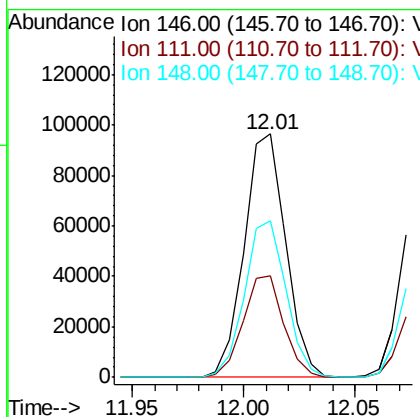
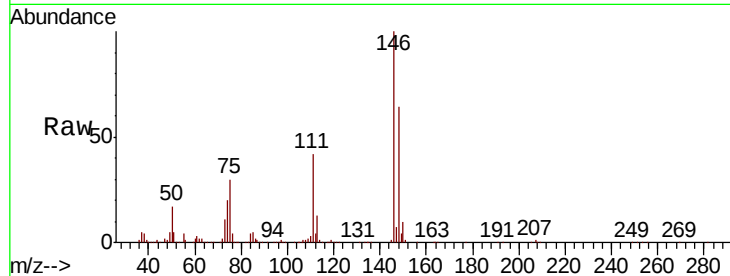




#83
 1,3-Dichlorobenzene
 Concen: 17.947 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015988.D
 Acq: 30 Apr 2020 10:54

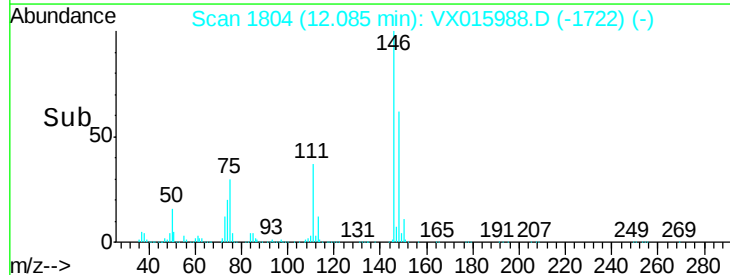
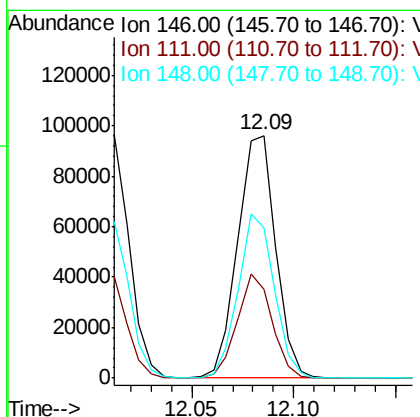
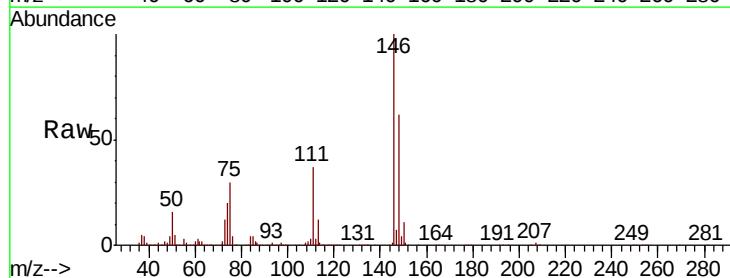
Instrument :
 MSVOA_X
 ClientSampleId :

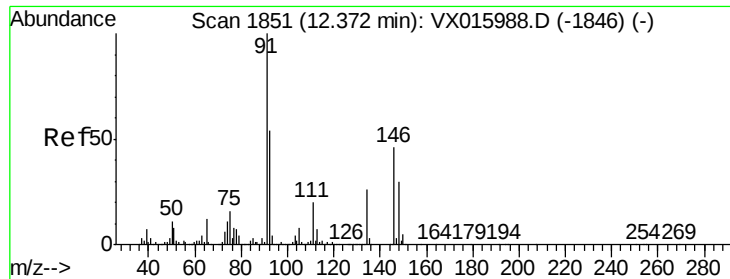
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.3
148	63.9	31.9	95.9



#84
 1,4-Dichlorobenzene
 Concen: 17.887 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX015988.D
 Acq: 30 Apr 2020 10:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.0
148	64.0	32.0	96.0

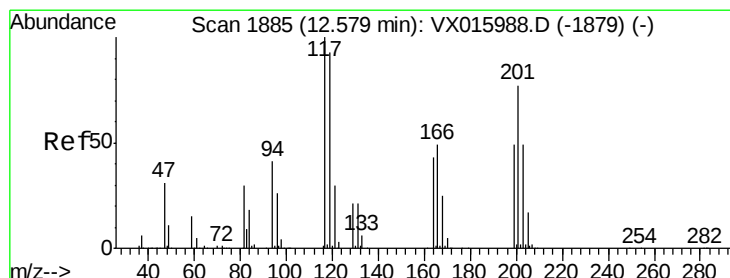
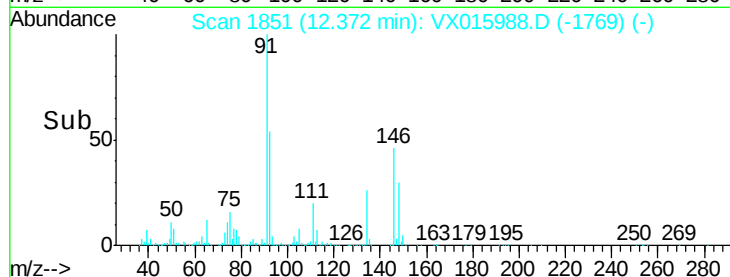
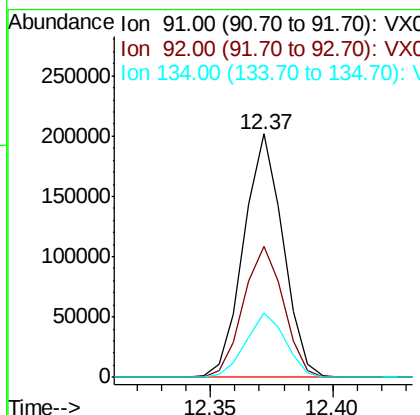
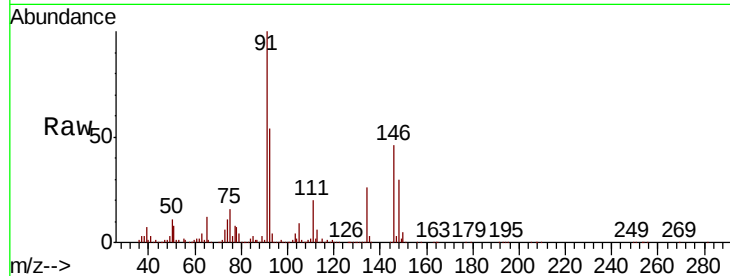




#85
n-Butylbenzene
Concen: 18.587 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

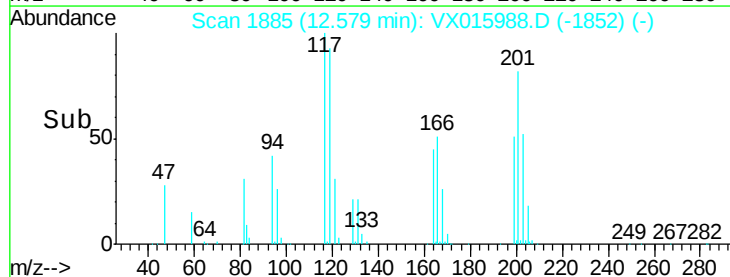
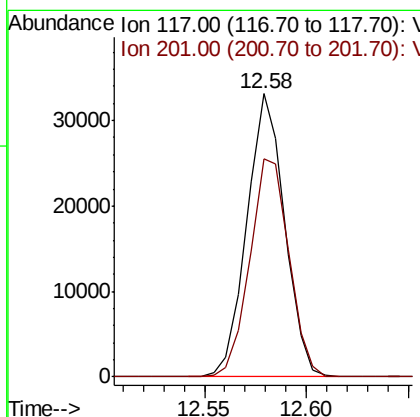
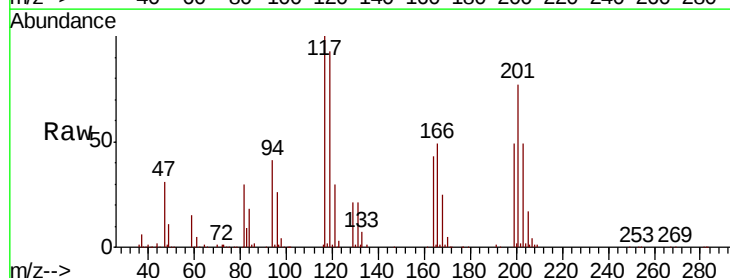
Instrument :
MSVOA_X
ClientSampled :

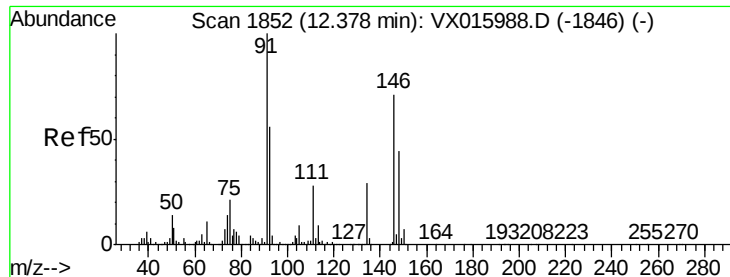
Tot Ion: 91 Resp: 226108
Ion Ratio Lower Upper
91 100
92 55.1 0.0 110.2
134 26.7 0.0 53.4



#86
Hexachloroethane
Concen: 16.817 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

Tgt Ion: 117 Resp: 42563
Ion Ratio Lower Upper
117 100
201 80.1 40.1 120.2





#87

1,2-Dichlorobenzene

Concen: 18.200 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX015988.D

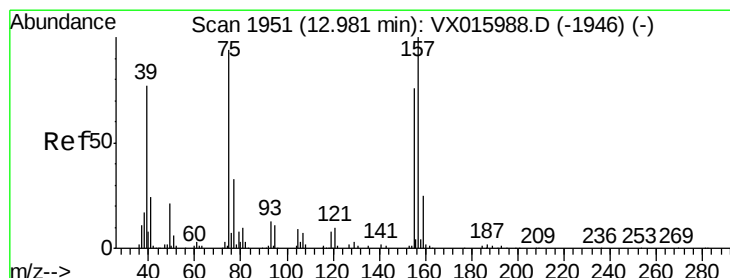
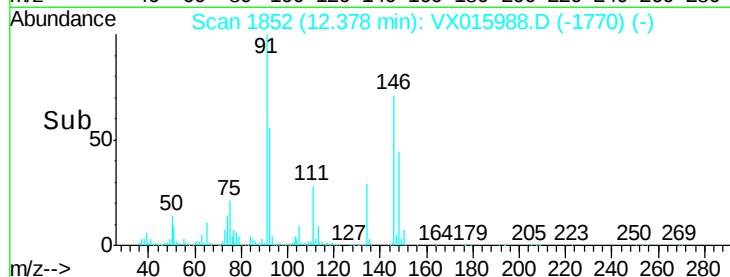
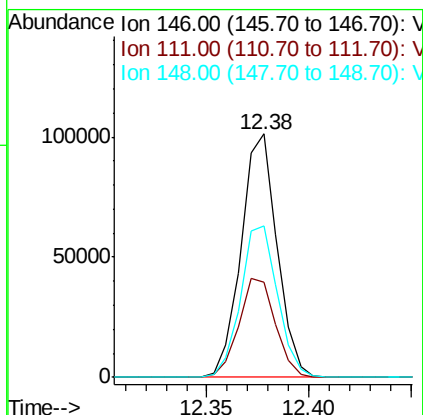
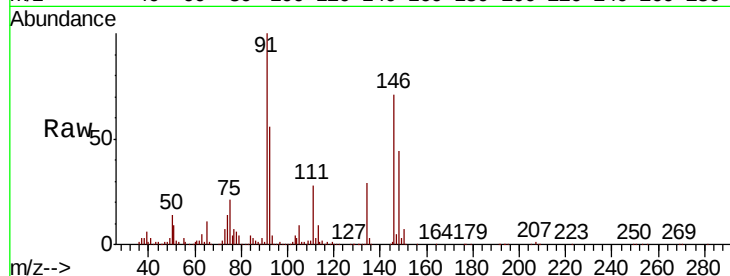
Acq: 30 Apr 2020 10:54

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	123767
Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.7	62.1
148	64.1	32.0	96.2



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.530 ug/l

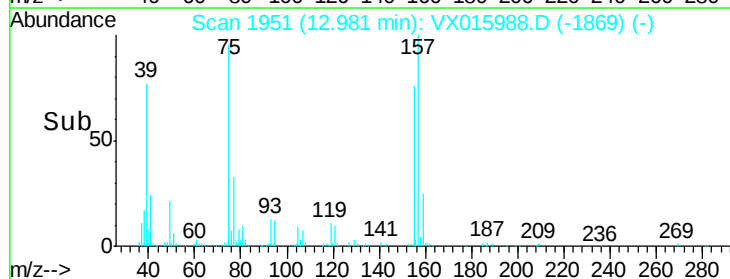
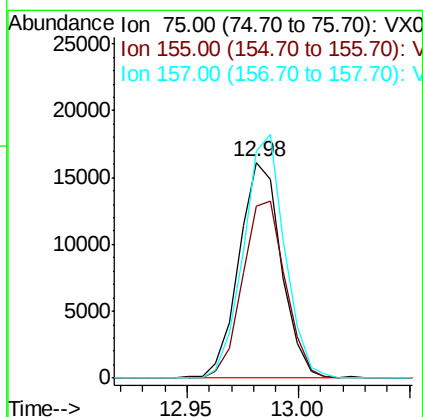
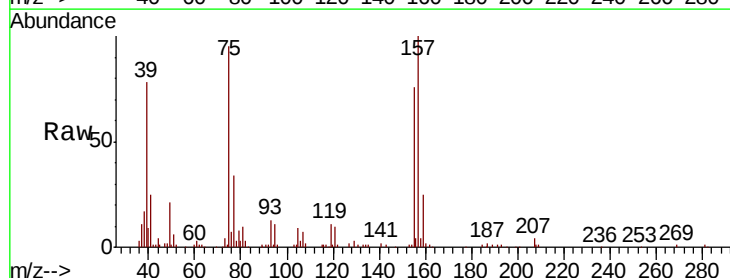
RT: 12.98 min Scan# 1951

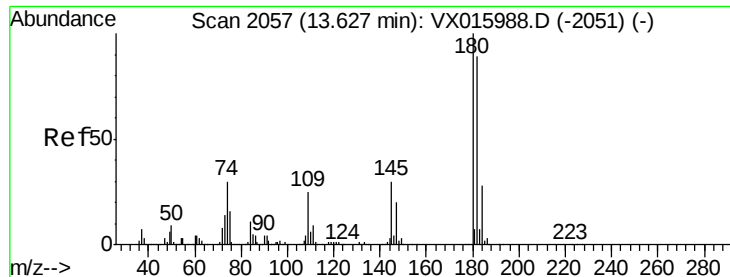
Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Tgt Ion:	75	Resp:	21228
Ion	Ratio	Lower	Upper
75	100		
155	83.6	66.9	100.3
157	110.2	88.2	132.2





#89

1,2,4-Trichlorobenzene

Concen: 16.853 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

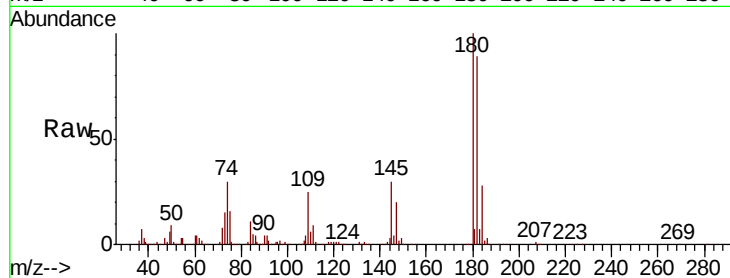
Tot Ion:180 Resp: 89995

Ion Ratio Lower Upper

180 100

182 93.8 75.0 112.6

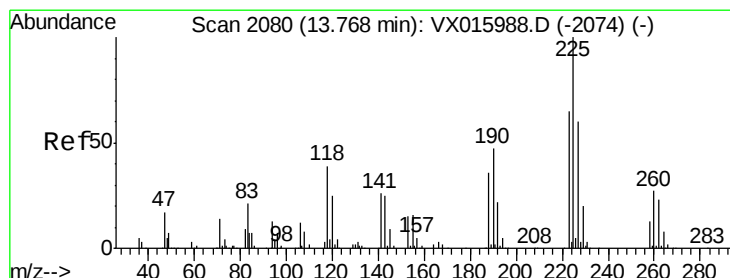
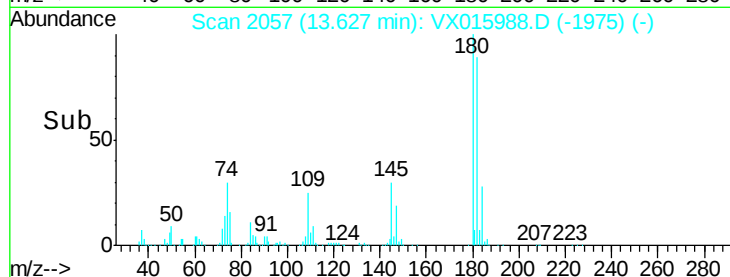
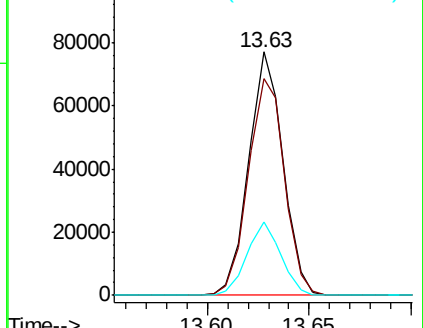
145 29.9 23.9 35.9



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



#90

Hexachlorobutadiene

Concen: 14.903 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX015988.D

Acq: 30 Apr 2020 10:54

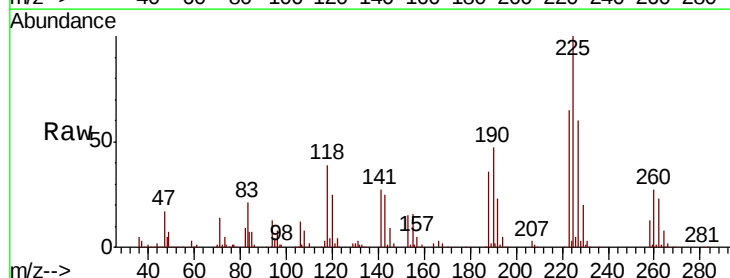
Tgt Ion:225 Resp: 40016

Ion Ratio Lower Upper

225 100

223 61.8 0.0 123.6

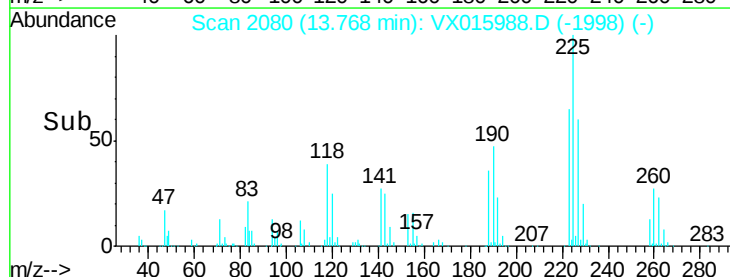
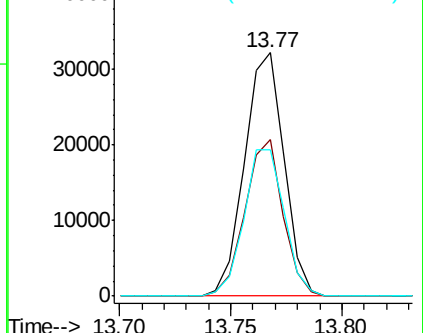
227 61.8 0.0 123.6

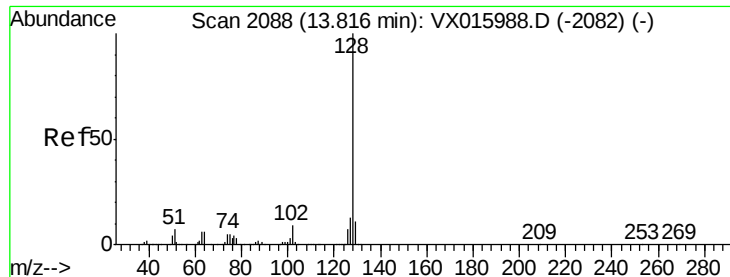


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

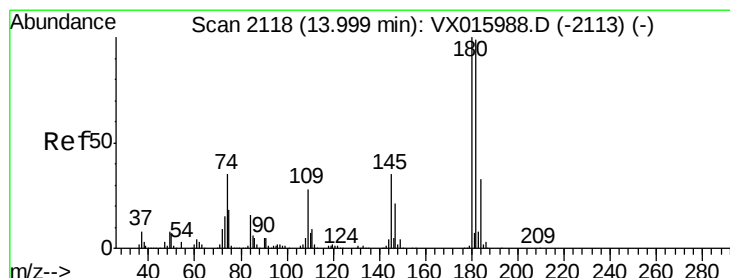
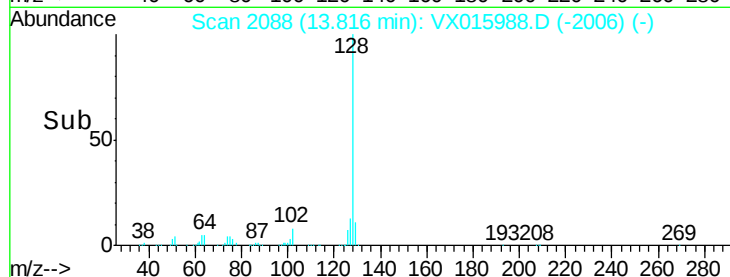
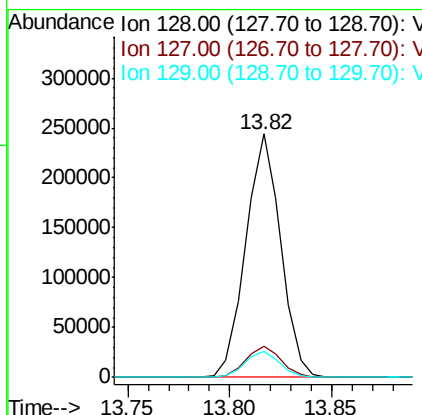
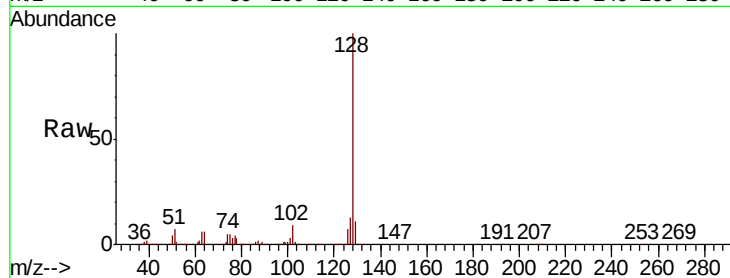




#91
Naphthalene
Concen: 18.404 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.8	8.6	13.0



#92
1,2,3-Trichlorobenzene
Concen: 16.474 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX015988.D
Acq: 30 Apr 2020 10:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	0.0	197.2
145	33.0	0.0	66.0

