

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
 Data File : VX017618.D
 Acq On : 27 Jul 2020 15:13
 Operator : JC/SP
 Sample : VX0727WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Quant Time: Jul 28 01:12:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:38:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	109384	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	585914	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	539138	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	248872	29.61	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.70%
60) 4-Bromofluorobenzene	11.12	95	273919	30.00	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.00%
63) Toluene-d8	8.70	98	701318	29.40	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	185754	22.110	ug/l 96
3) Chloromethane	1.32	50	151967	18.699	ug/l 95
4) Vinyl Chloride	1.39	62	148936	18.413	ug/l 99
5) Bromomethane	1.64	94	94335	18.885	ug/l 93
6) Chloroethane	1.72	64	81778	17.941	ug/l 98
7) Trichlorofluoromethane	1.92	101	221083	17.652	ug/l 99
8) Diethyl Ether	2.17	74	60664	16.801	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	100601	17.743	ug/l 97
10) 1,1-Dichloroethene	2.36	96	92659	17.609	ug/l 94
11) Methyl Iodide	2.50	142	90582	13.675	ug/l 99
12) Methyl Acetate	2.75	43	148489	18.556	ug/l 97
13) Acrolein	2.28	56	85075	71.748	ug/l 100
14) Acrylonitrile	3.12	53	307919	92.034	ug/l 99
15) Acetone	2.42	58	82813	90.615	ug/l 96
16) Carbon Disulfide	2.55	76	247962	17.775	ug/l 99
17) Allyl chloride	2.71	41	171591	17.154	ug/l 95
18) Methylene Chloride	2.84	84	109738	17.774	ug/l 96
19) trans-1,2-Dichloroethene	3.14	96	96316	17.130	ug/l 99
20) Diisopropyl ether	3.82	45	374076	18.674	ug/l # 87
21) 1,1-Dichloroethane	3.67	63	198612	18.525	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	124157	18.688	ug/l 95
23) tert-Butyl Alcohol	3.01	59	139608	89.021	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	371895	17.760	ug/l 98
25) Chloroform	5.18	83	216384	18.171	ug/l 93
26) Cyclohexane	5.55	56	189544	19.877	ug/l # 97
29) 1,1-Dichloropropene	5.77	75	145780	17.500	ug/l 98
30) 2-Butanone	4.64	43	438818	93.051	ug/l 99
31) 2,2-Dichloropropane	4.56	77	179795	16.740	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	199075	17.678	ug/l 98
33) Carbon Tetrachloride	5.75	117	177551	17.058	ug/l 98
34) Benzene	6.12	78	427317	18.143	ug/l 99
35) Methacrylonitrile	5.01	41	92819	17.688	ug/l 95
36) 1,2-Dichloroethane	6.17	62	175497	17.534	ug/l 98
37) Trichloroethene	7.20	130	133512	18.467	ug/l 89
38) Methylcyclohexane	7.44	83	187855	17.820	ug/l 99
39) 1,2-Dichloropropane	7.49	63	120255	18.286	ug/l 95
40) Dibromomethane	7.64	93	81506	17.458	ug/l 97

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 Sample : VX0727WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Quant Time: Jul 28 01:12:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:38:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	178045	17.221	ug/l	93
42) Vinyl Acetate	3.79	43	1368810	87.881	ug/l	100
43) Ethyl Acetate	4.80	43	155054	17.848	ug/l	98
44) Isopropyl Acetate	6.42	43	265487	17.597	ug/l	98
45) 1,4-Dioxane	7.71	88	55770	356.298	ug/l	98
46) Methyl methacrylate	7.74	41	134300	17.524	ug/l	94
47) n-amyl Acetate	10.88	43	230834	17.566	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	192091	17.056	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	200681	16.655	ug/l	94
50) 1,1,2-Trichloroethane	9.20	97	122591	18.329	ug/l	98
51) Ethyl methacrylate	9.16	69	181348	17.982	ug/l	98
52) 1,3-Dichloropropane	9.35	76	201412	18.471	ug/l	100
53) Dibromochloromethane	9.57	129	148382	17.468	ug/l	98
54) 1,2-Dibromoethane	9.65	107	129515	17.804	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	479527	88.997	ug/l	99
56) Bromoform	10.84	173	115644	17.837	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	877981	91.242	ug/l	99
59) 2-Hexanone	9.47	43	652900	96.411	ug/l	99
61) Tetrachloroethene	9.32	164	136147	18.534	ug/l	97
62) Toluene	8.77	91	477601	17.826	ug/l	100
64) Chlorobenzene	10.12	112	319714	18.258	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	135240	18.466	ug/l	99
66) Ethyl Benzene	10.24	91	547341	18.505	ug/l	99
67) m/p-Xylenes	10.34	106	422209	38.101	ug/l	99
68) o-Xylene	10.68	106	199582	18.130	ug/l	95
69) Styrene	10.70	104	353590	18.423	ug/l	99
70) Isopropylbenzene	11.00	105	565657	17.592	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	173088	19.314	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	215999	24.040	ug/l	92
73) Bromobenzene	11.24	156	153546	18.080	ug/l	99
74) n-propylbenzene	11.34	91	655609	18.090	ug/l	98
75) 2-Chlorotoluene	11.40	91	395050	18.116	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	485081	18.222	ug/l	97
77) t-1,4-Dichloro-2-butene	11.06	75	65558	17.931	ug/l	96
78) 4-Chlorotoluene	11.49	91	465636	18.319	ug/l	99
79) tert-butylbenzene	11.76	119	470727	18.045	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	496633	18.077	ug/l	100
81) sec-Butylbenzene	11.93	105	552789	17.761	ug/l	100
82) p-Isopropyltoluene	12.05	119	527159	18.249	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	281394	18.481	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	282303	18.634	ug/l	99
85) n-Butylbenzene	12.37	91	460317	16.692	ug/l	100
86) Hexachloroethane	12.58	117	99482	16.543	ug/l	96
87) 1,2-Dichlorobenzene	12.38	146	269560	17.658	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	44643	17.638	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	191597	17.105	ug/l	97
90) Hexachlorobutadiene	13.76	225	85002	16.751	ug/l	99
91) Naphthalene	13.82	128	571964	17.306	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	184561	17.268	ug/l	95

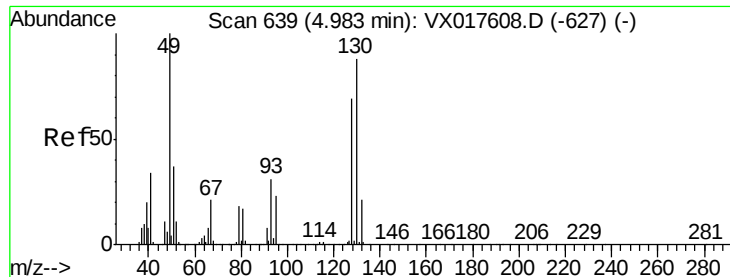
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
Data File : VX017618.D
Acq On : 27 Jul 2020 15:13
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Sample : VX0727WBS01
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Quant Time: Jul 28 01:12:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 27 11:38:31 2020
Response via : Initial Calibration

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

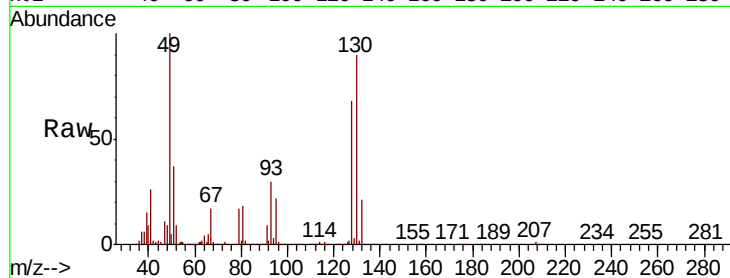
Tot Ion:128 Resp: 109384

Ion Ratio Lower Upper

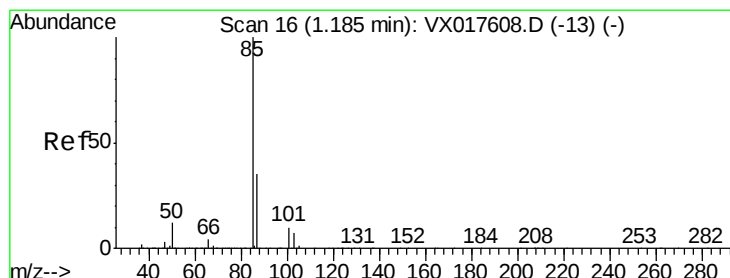
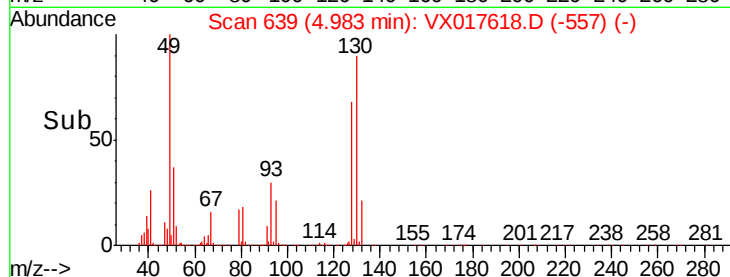
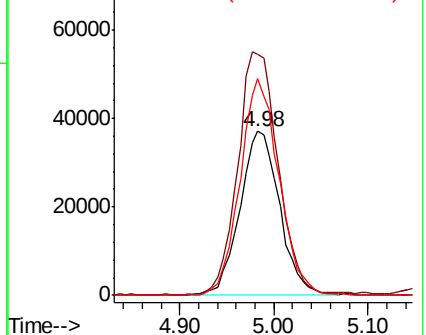
128 100

49 151.1 0.0 376.0

130 129.7 0.0 323.0



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: 22.110 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017618.D

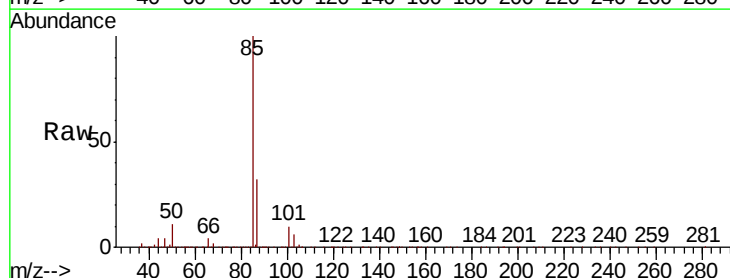
Acq: 27 Jul 2020 15:13

Tgt Ion: 85 Resp: 185754

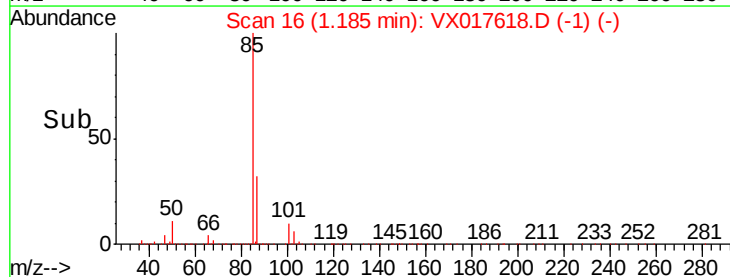
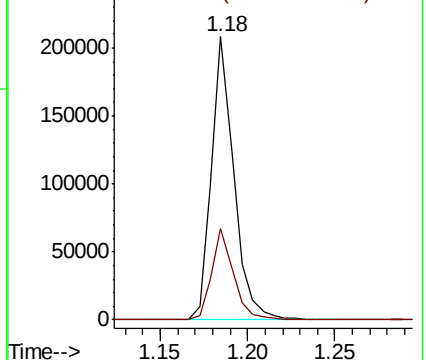
Ion Ratio Lower Upper

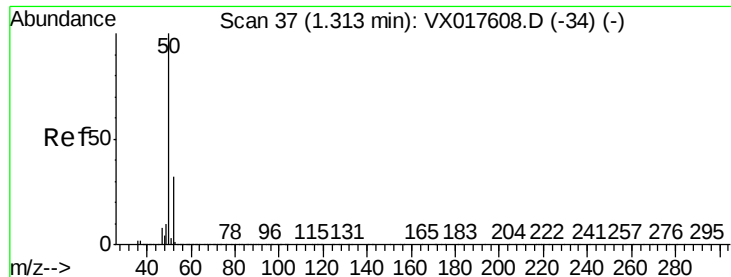
85 100

87 32.3 17.3 51.9



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

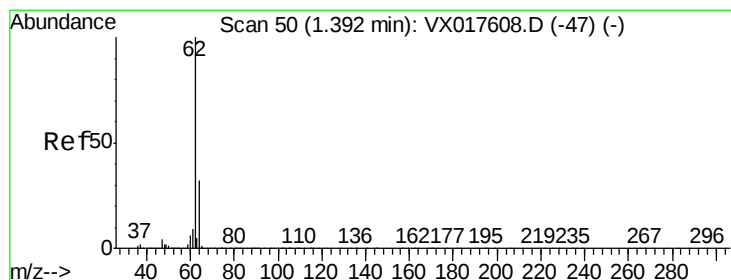
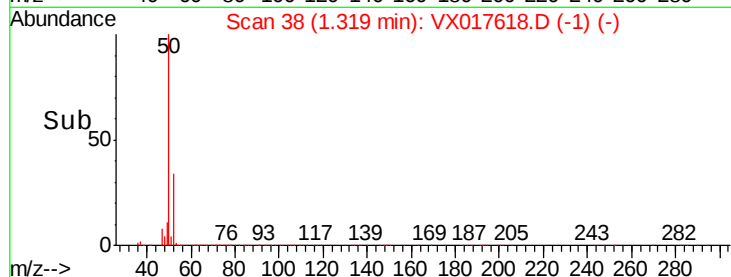
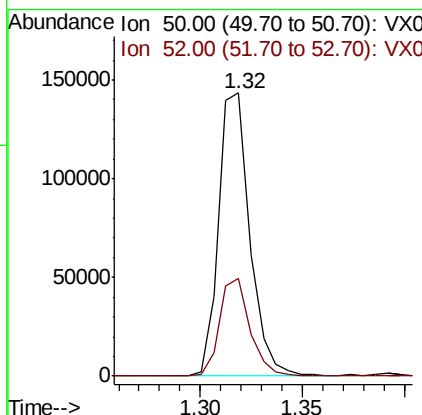
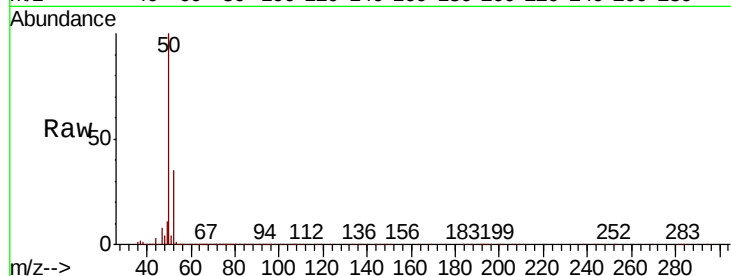




#3
Chloromethane
Concen: 18.699 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

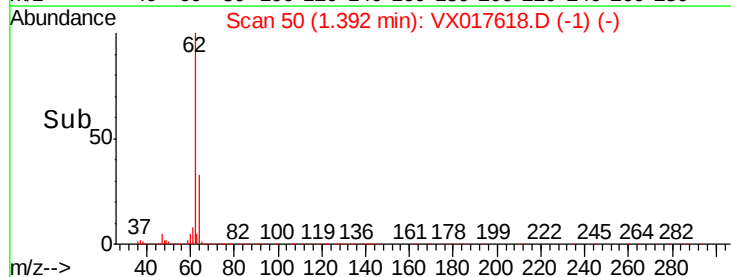
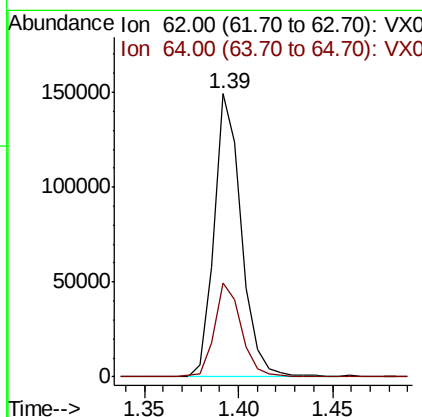
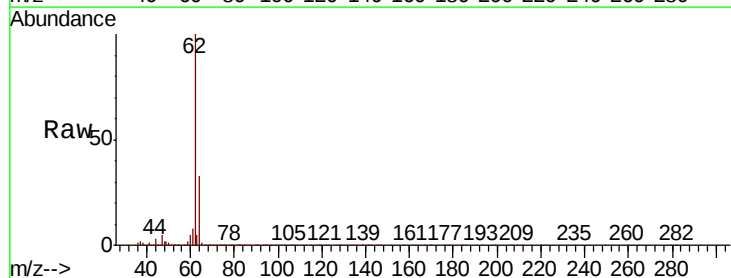
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

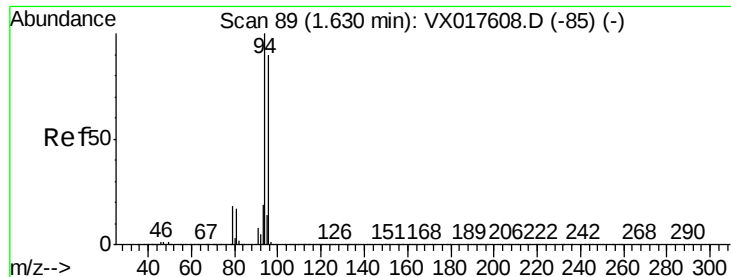
Tot Ion: 50 Resp: 151967
Ion Ratio Lower Upper
50 100
52 34.4 25.5 38.3



#4
Vinyl Chloride
Concen: 18.413 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion: 62 Resp: 148936
Ion Ratio Lower Upper
62 100
64 33.0 25.8 38.8





#5

Bromomethane

Concen: 18.885 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

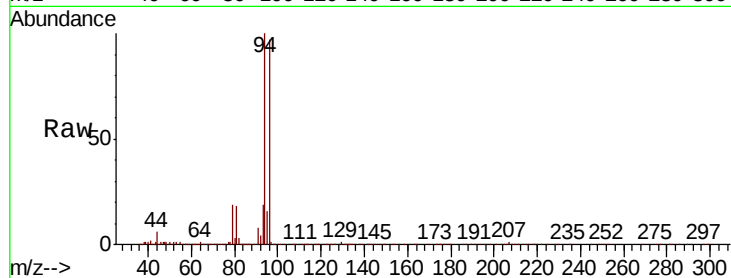
VX0727WBS01

Tot Ion: 94 Resp: 94335

Ion Ratio Lower Upper

94 100

96 97.0 72.5 108.7



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

80000

60000

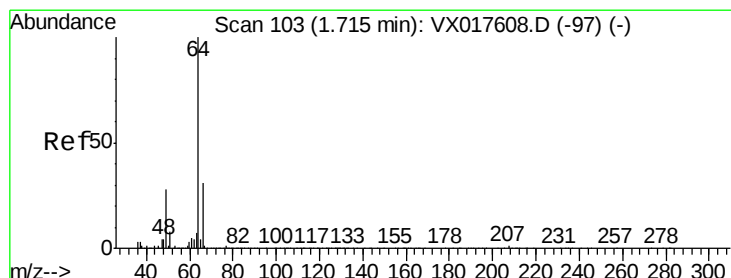
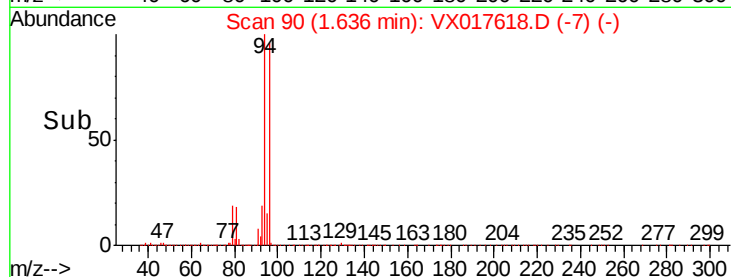
40000

20000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 17.941 ug/l

RT: 1.72 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017618.D

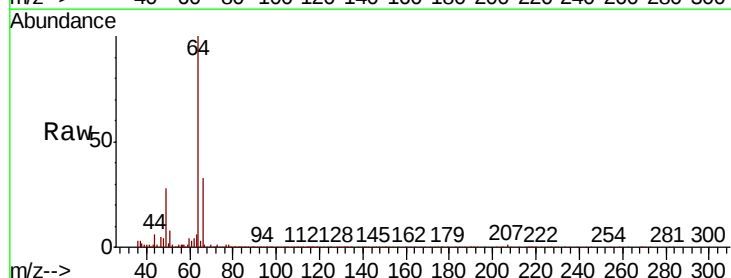
Acq: 27 Jul 2020 15:13

Tgt Ion: 64 Resp: 81778

Ion Ratio Lower Upper

64 100

66 32.2 25.1 37.7



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

60000

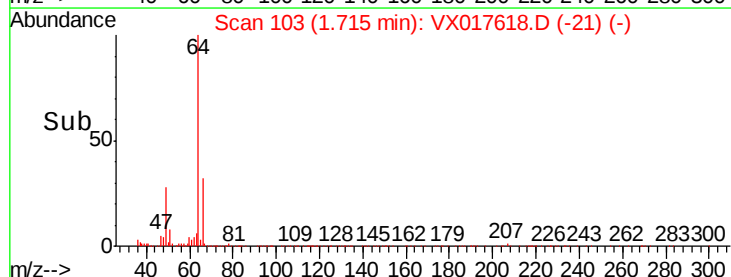
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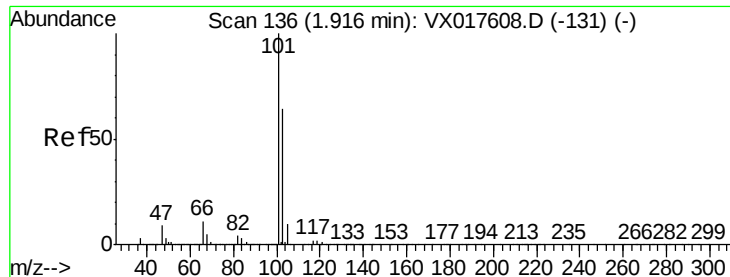
20000

0

1.65 1.70 1.75

Time-->



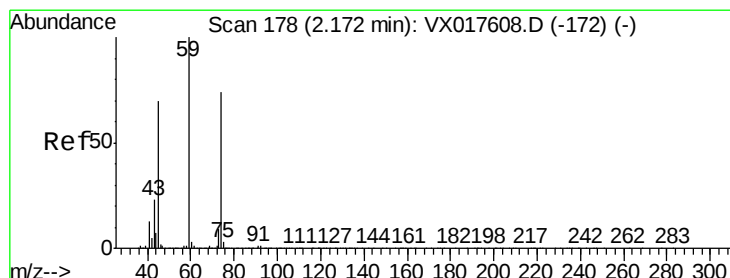
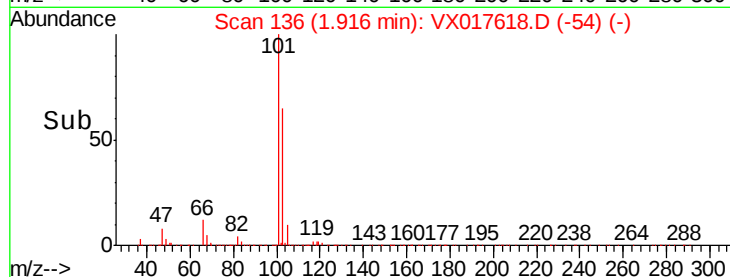
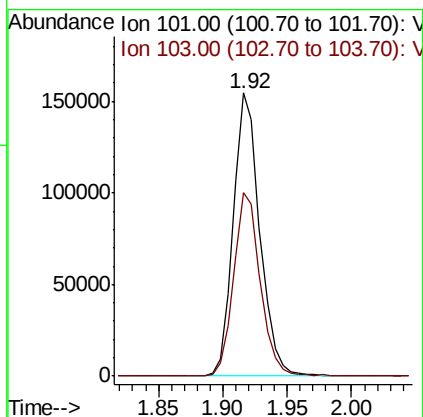
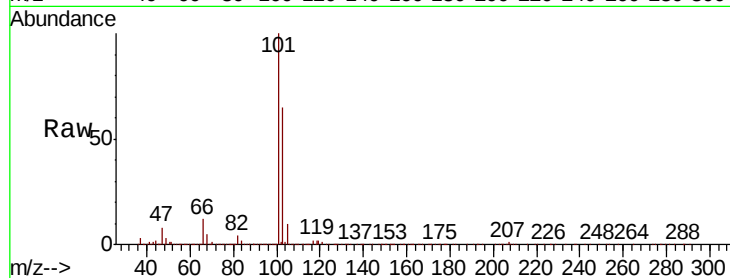


#7

Trichlorofluoromethane
Concen: 17.652 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

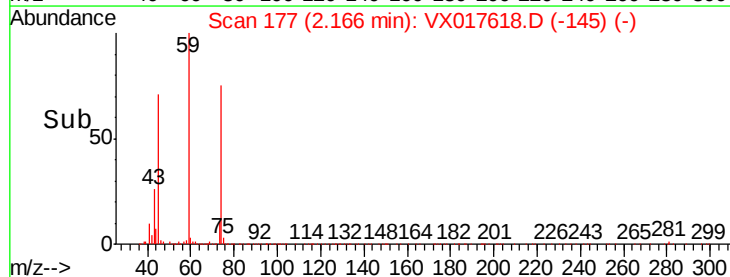
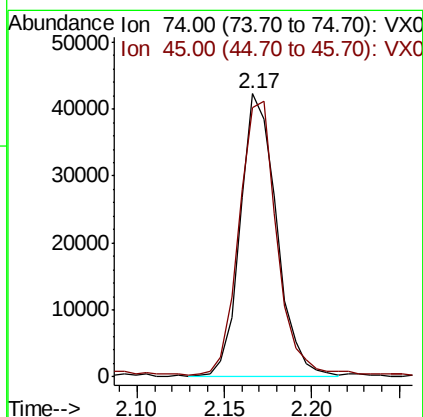
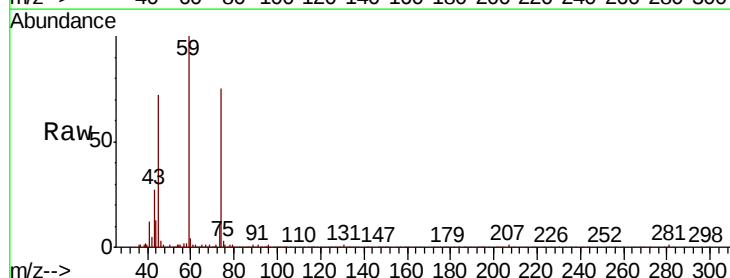
Tot Ion:101 Resp: 221083
Ion Ratio Lower Upper
101 100
103 64.6 51.3 76.9

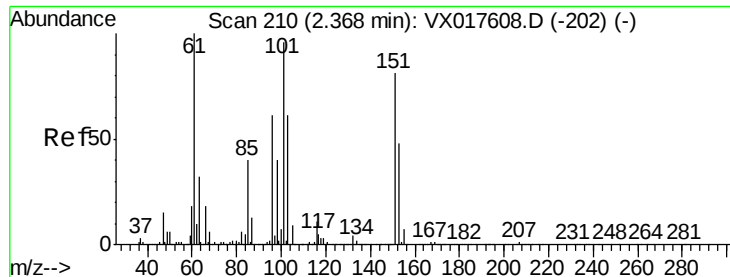


#8

Diethyl Ether
Concen: 16.801 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion: 74 Resp: 60664
Ion Ratio Lower Upper
74 100
45 100.0 21.1 190.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.743 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

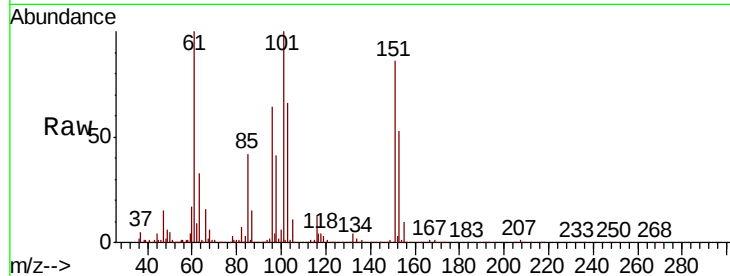
Tot Ion:101 Resp: 100601

Ion Ratio Lower Upper

101 100

85 42.9 0.0 90.6

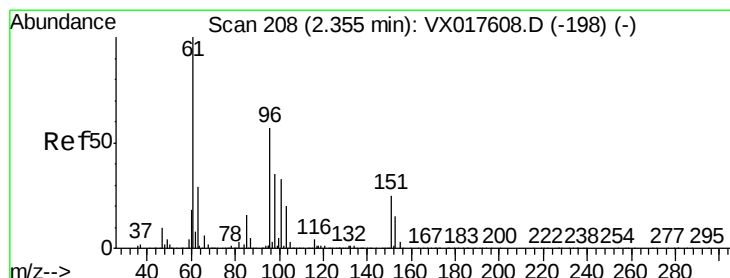
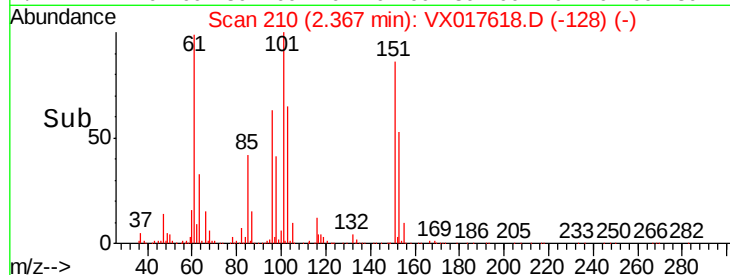
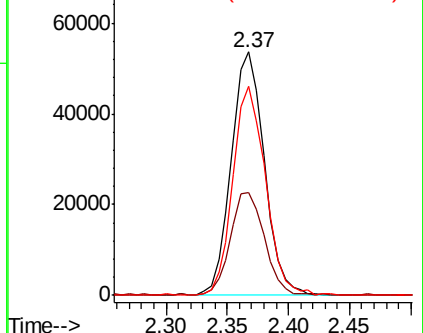
151 84.6 0.0 163.2



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: 17.609 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

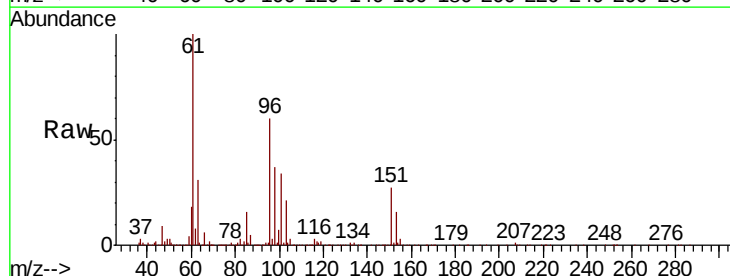
Tgt Ion: 96 Resp: 92659

Ion Ratio Lower Upper

96 100

61 165.8 141.2 211.8

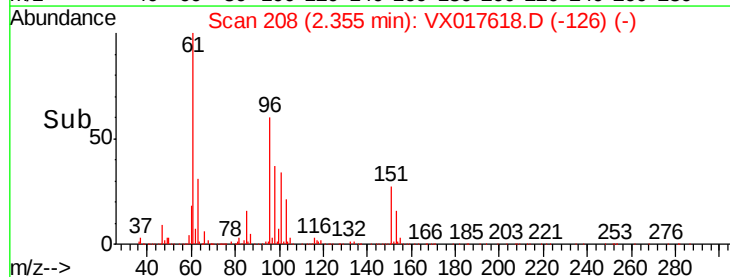
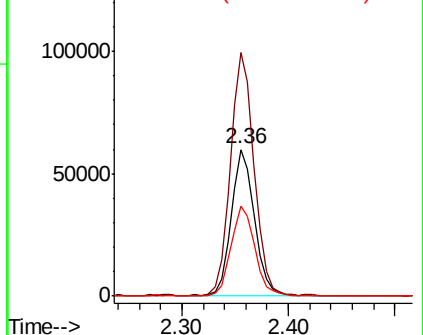
98 61.2 49.4 74.2

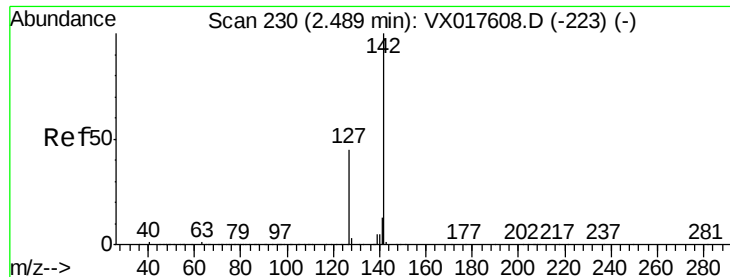


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

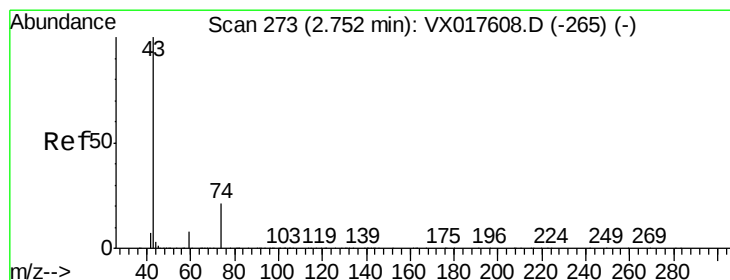
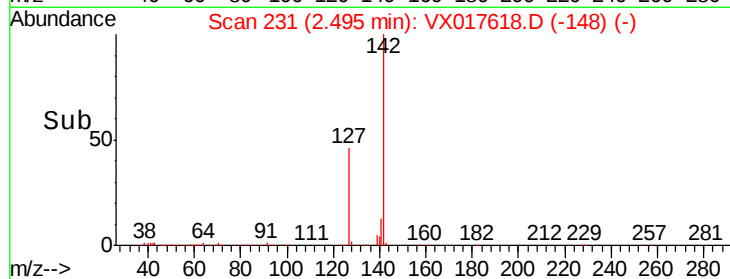
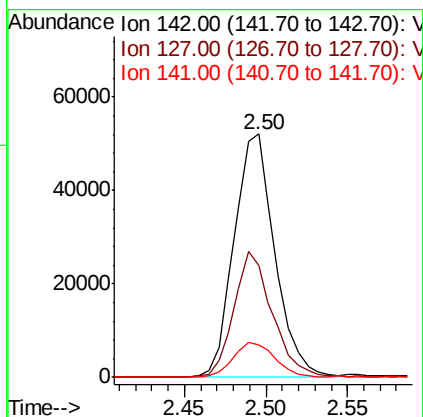
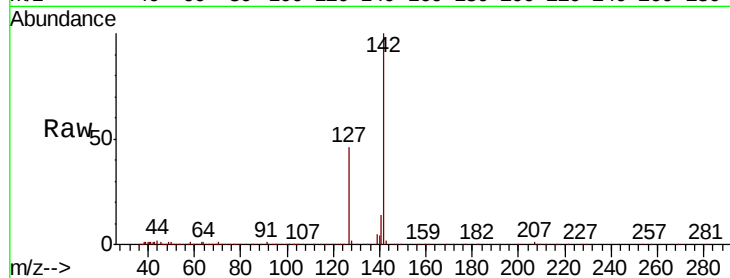




#11
Methvl Iodide
Concen: 13.675 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

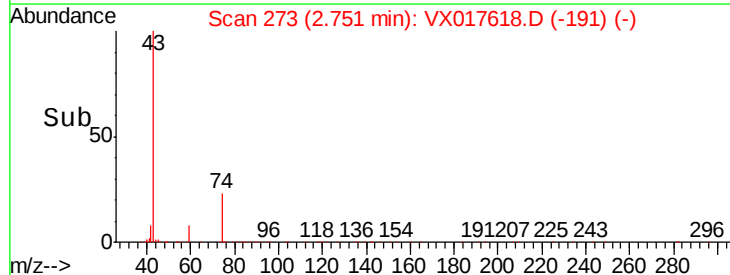
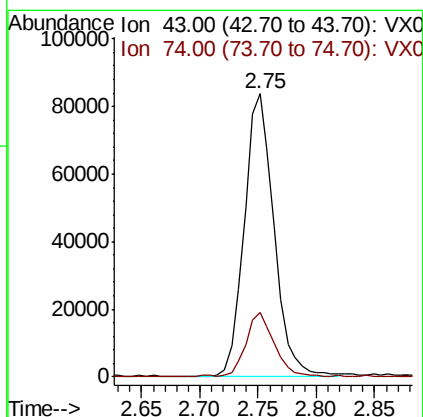
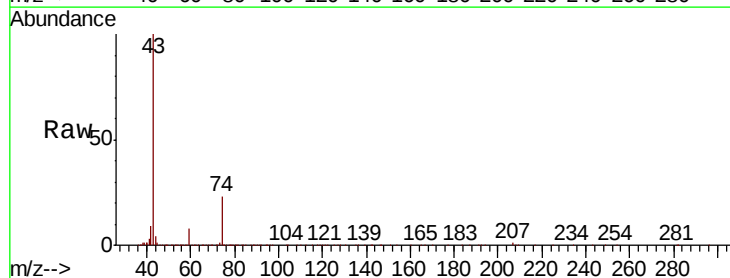
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

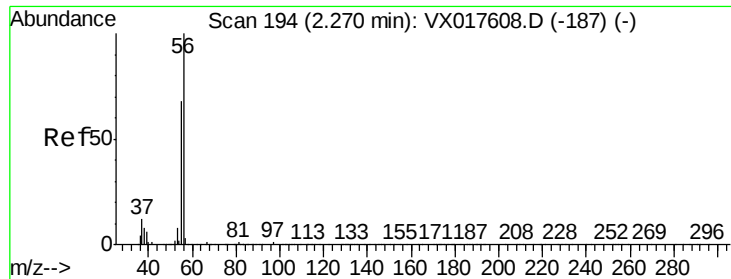
Tot Ion:142 Resp: 90582
Ion Ratio Lower Upper
142 100
127 45.6 22.4 67.0
141 13.3 6.6 19.7



#12
Methyl Acetate
Concen: 18.556 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion: 43 Resp: 148489
Ion Ratio Lower Upper
43 100
74 22.7 17.1 25.7





#13

Acrolein

Concen: 71.748 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

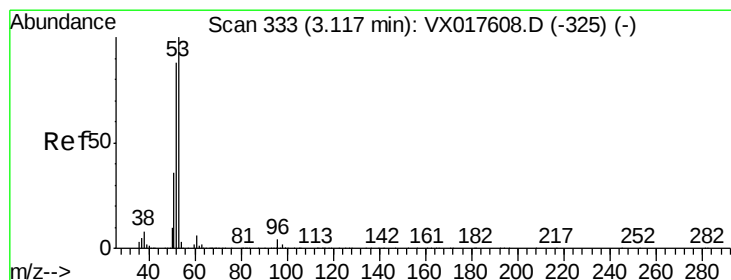
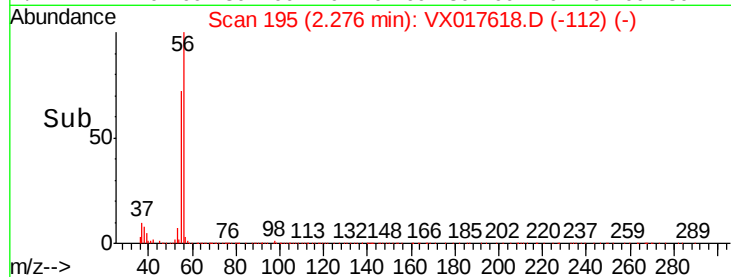
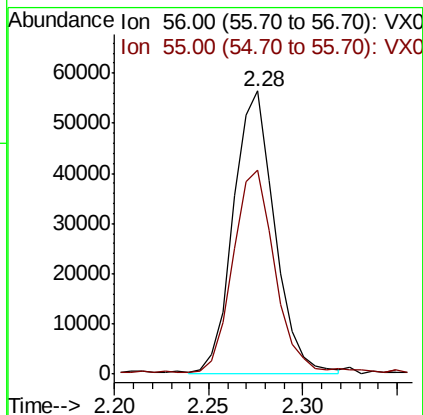
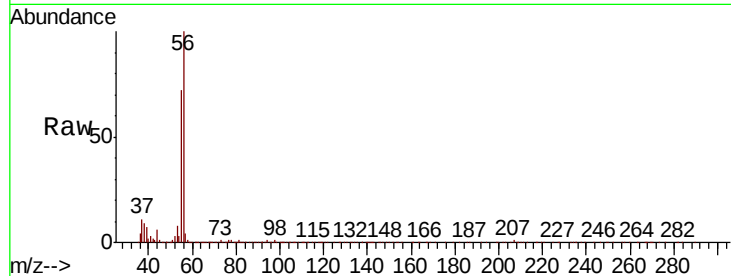
VX0727WBS01

Tot Ion: 56 Resp: 85075

Ion Ratio Lower Upper

56 100

55 71.6 57.2 85.8



#14

Acrylonitrile

Concen: 92.034 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

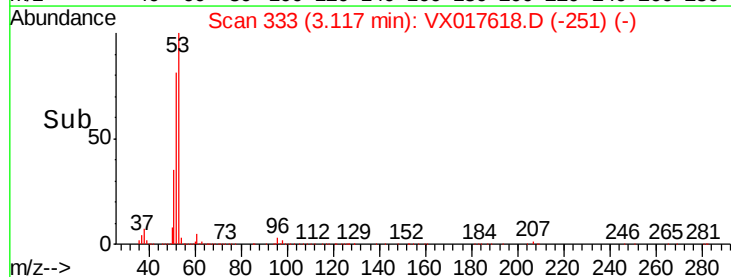
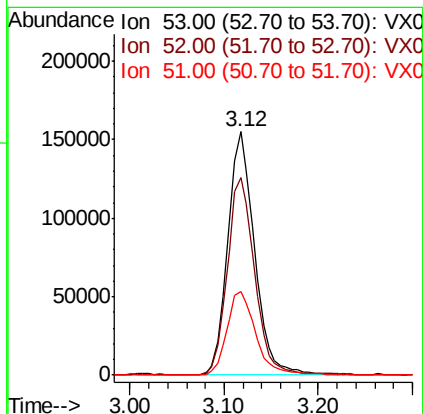
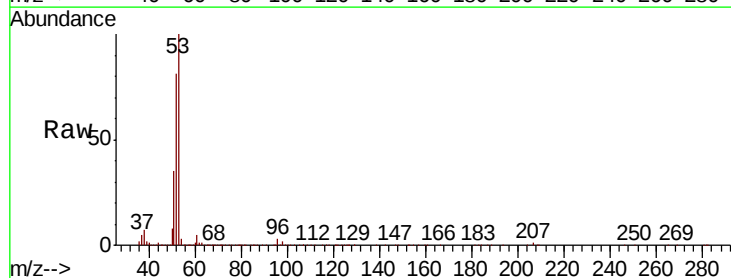
Tgt Ion: 53 Resp: 307919

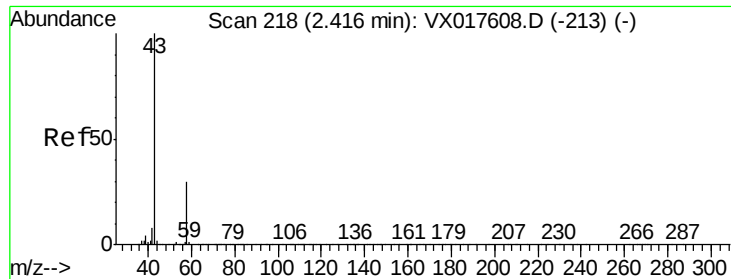
Ion Ratio Lower Upper

53 100

52 81.4 41.4 124.4

51 36.5 18.4 55.2





#15

Acetone

Concen: 90.615 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

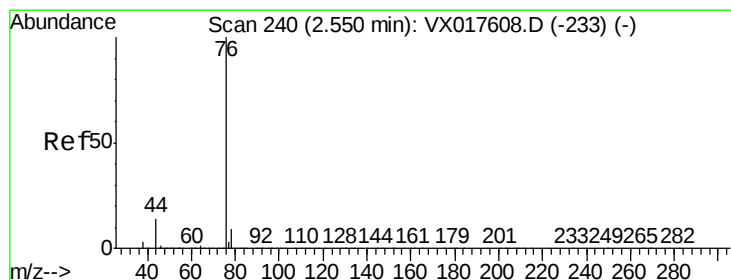
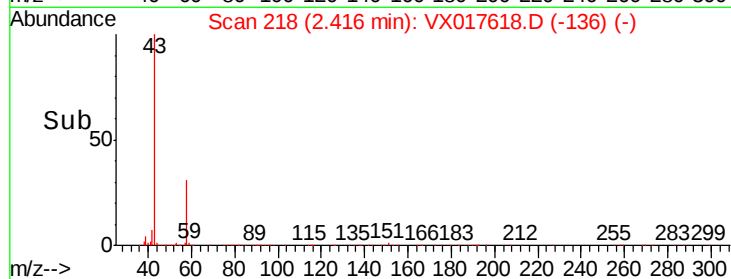
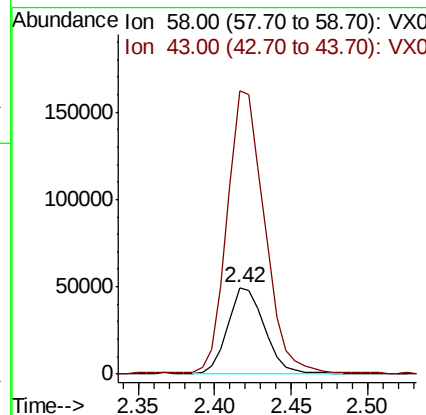
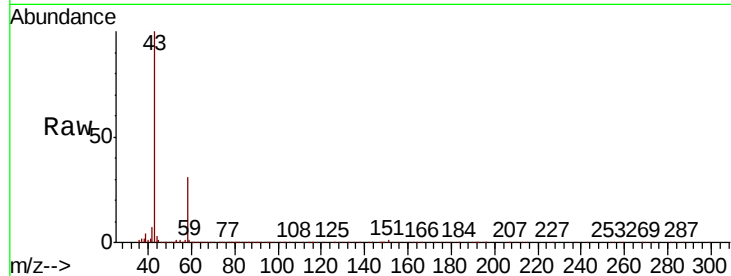
VX0727WBS01

Tot Ion: 58 Resp: 82813

Ion Ratio Lower Upper

58 100

43 327.1 268.6 402.8



#16

Carbon Disulfide

Concen: 17.775 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017618.D

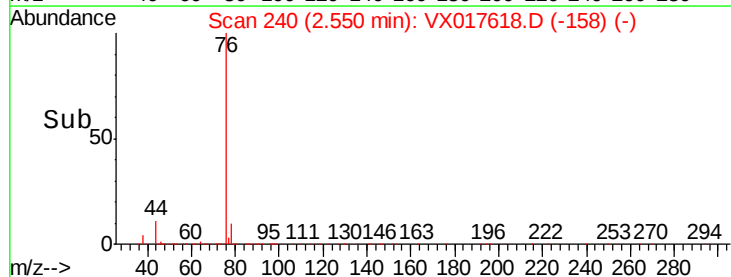
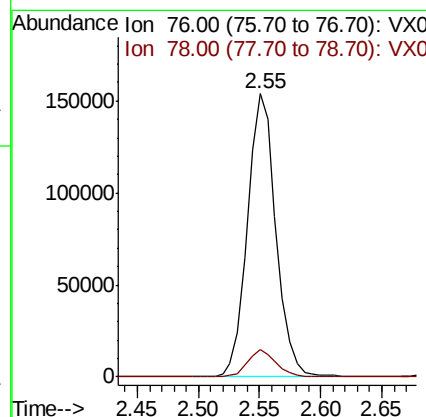
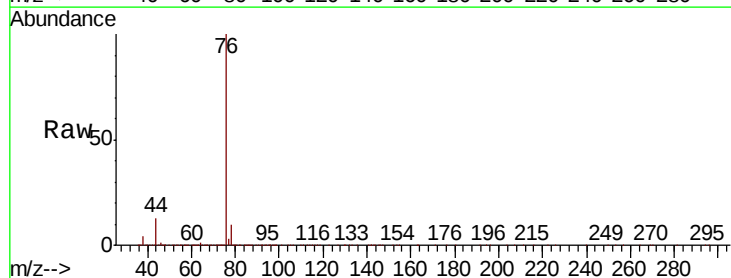
Acq: 27 Jul 2020 15:13

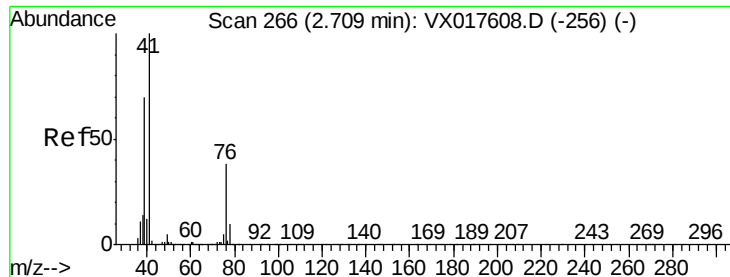
Tgt Ion: 76 Resp: 247962

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3

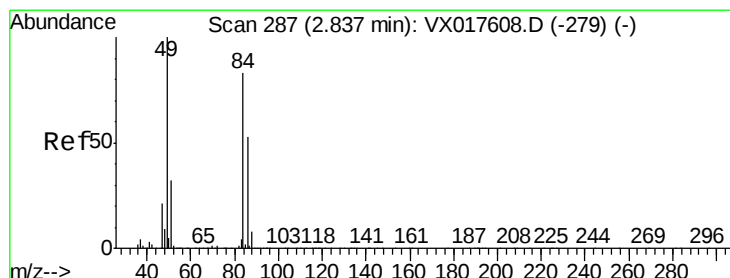
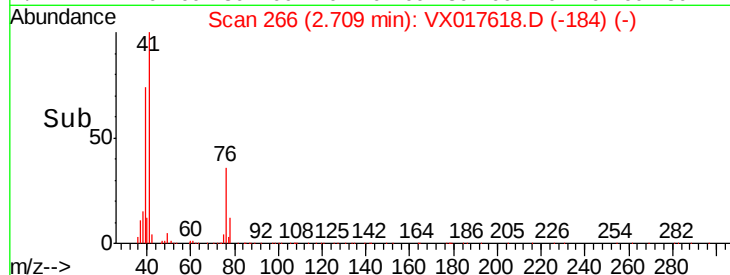
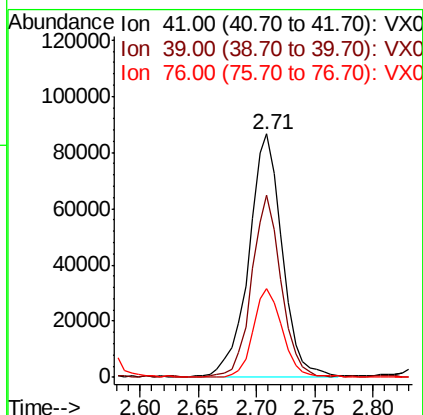
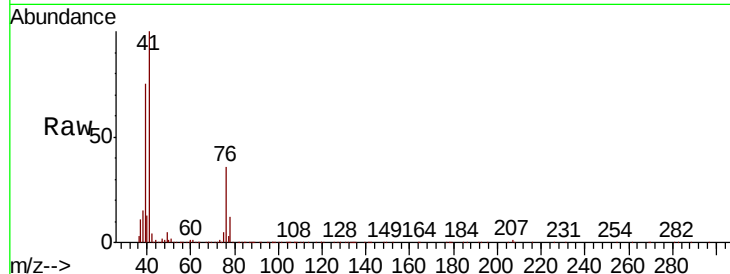




#17
Allvl chloride
Concen: 17.154 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

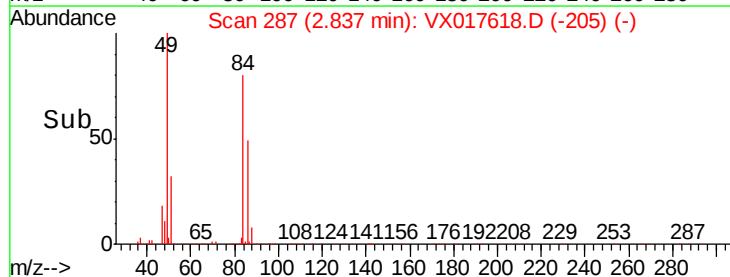
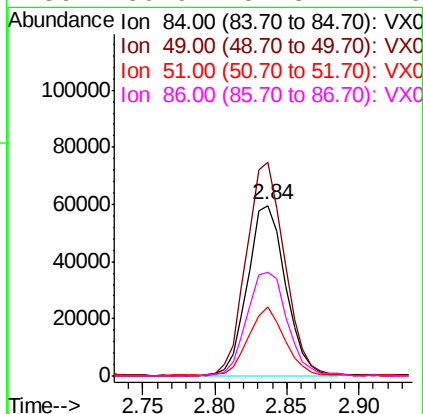
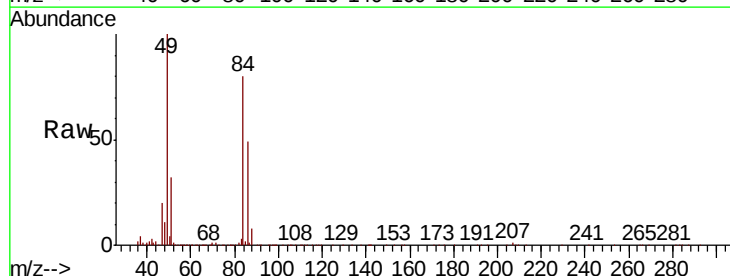
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

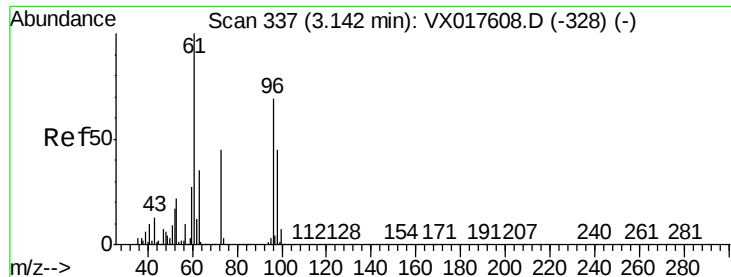
Tot Ion: 41 Resp: 171591
Ion Ratio Lower Upper
41 100
39 74.4 34.8 104.5
76 36.2 19.1 57.3



#18
Methylene Chloride
Concen: 17.774 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion: 84 Resp: 109738
Ion Ratio Lower Upper
84 100
49 125.0 96.7 145.1
51 39.6 31.0 46.4
86 60.9 51.8 77.6

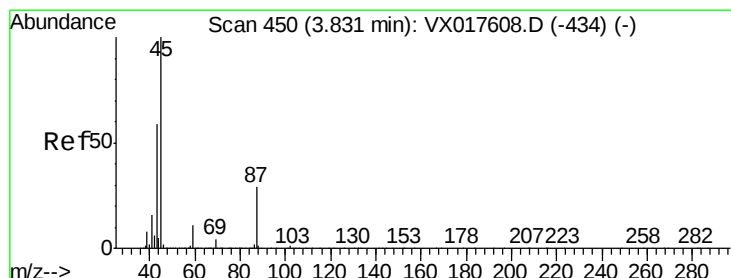
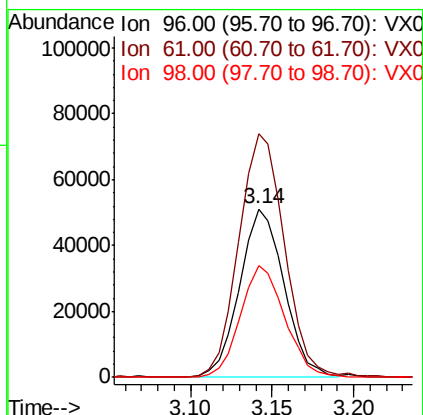
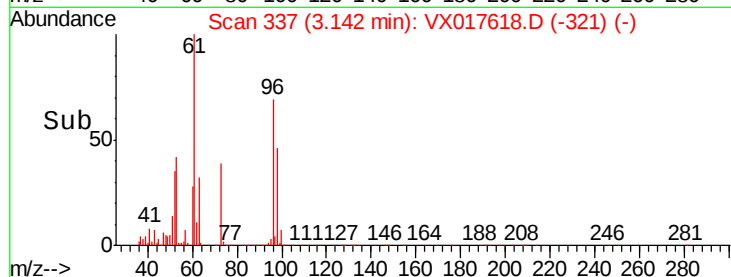
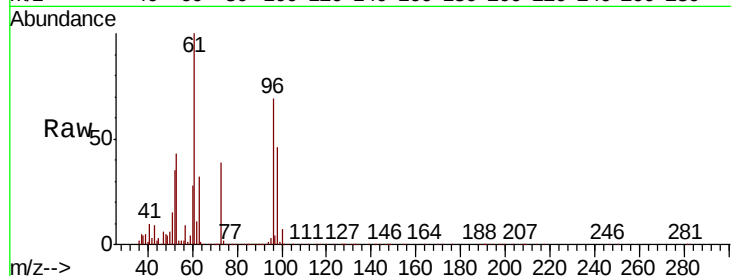




#19
trans-1,2-Dichloroethene
Concen: 17.130 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

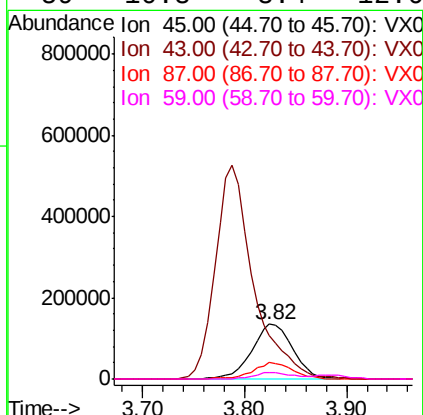
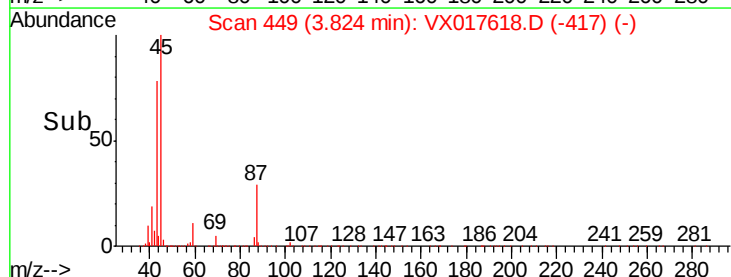
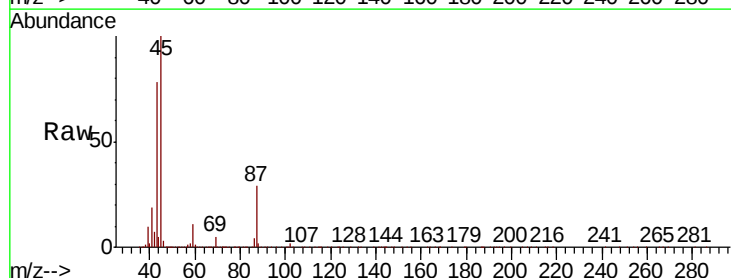
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

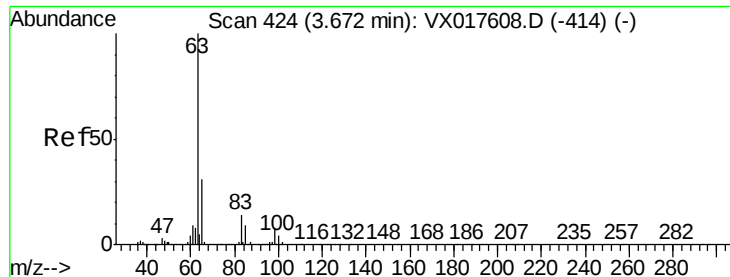
Tot Ion: 96 Resp: 96316
Ion Ratio Lower Upper
96 100
61 145.0 115.0 172.6
98 66.6 51.6 77.4



#20
Diisopropyl ether
Concen: 18.674 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion: 45 Resp: 374076
Ion Ratio Lower Upper
45 100
43 75.2 47.4 71.0#
87 29.3 23.3 34.9
59 10.8 8.4 12.6

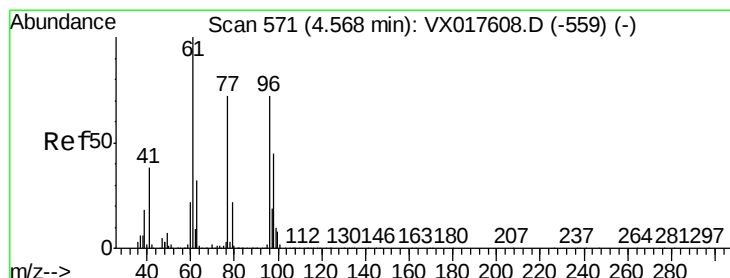
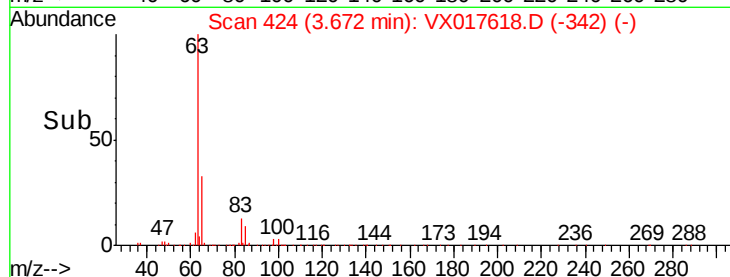
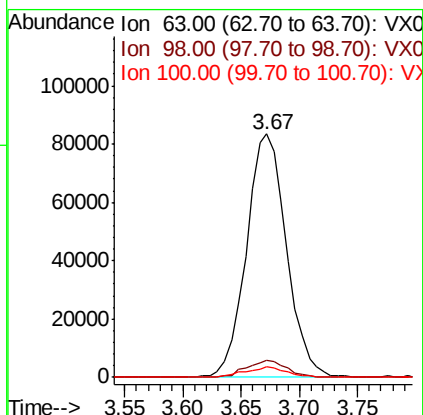
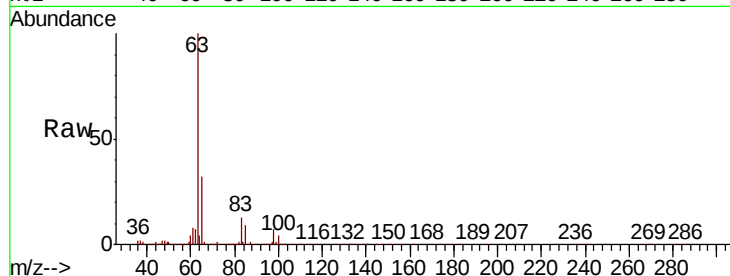




#21
 1,1-Dichloroethane
 Concen: 18.525 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

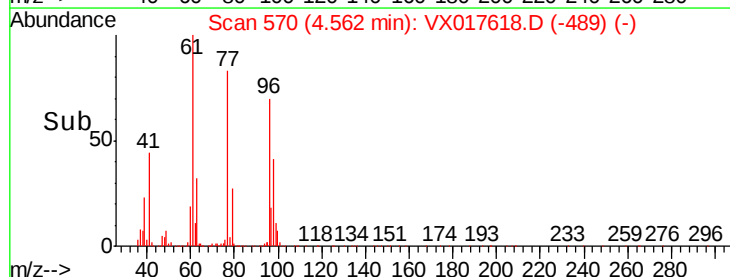
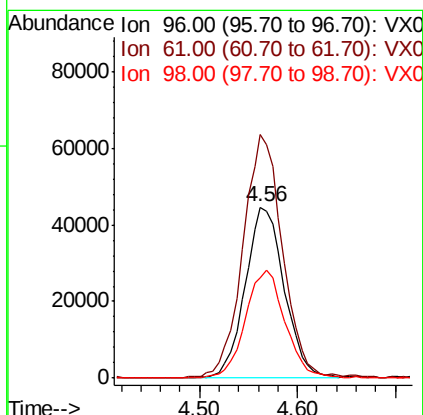
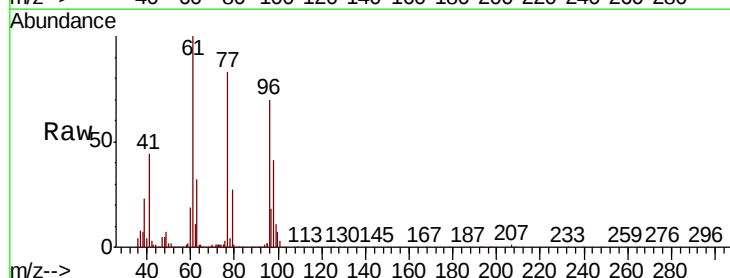
Instrument :
 MSVOA_X
 ClientSampled :
 VX0727WBS01

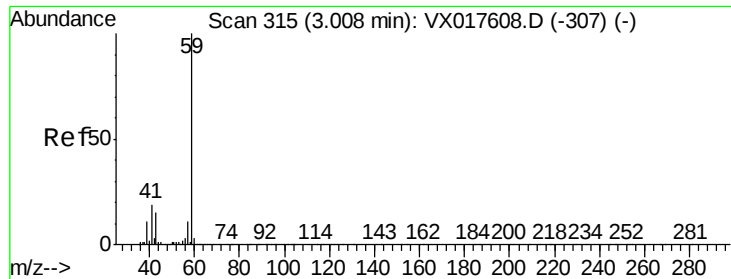
Tot Ion:	63	Resp:	198612
Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.9	11.7
100	4.2	1.9	5.7



#22
 cis-1,2-Dichloroethene
 Concen: 18.688 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion:	96	Resp:	124157
Ion	Ratio	Lower	Upper
96	100		
61	142.5	121.1	181.7
98	64.0	51.4	77.2



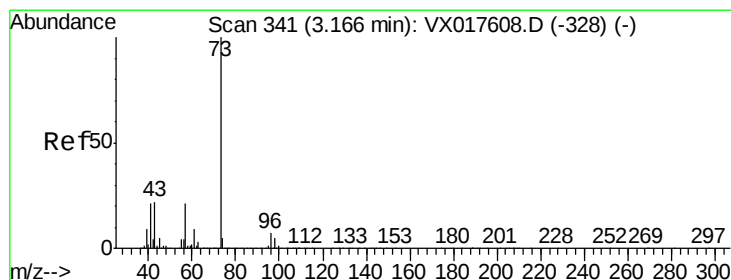
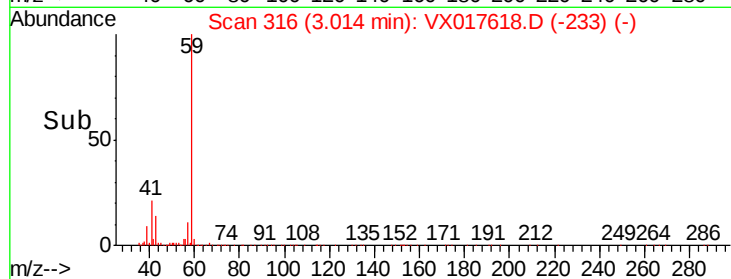
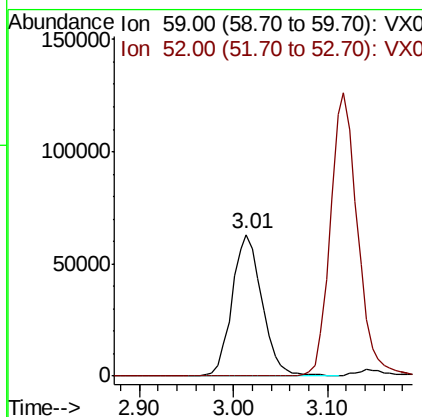
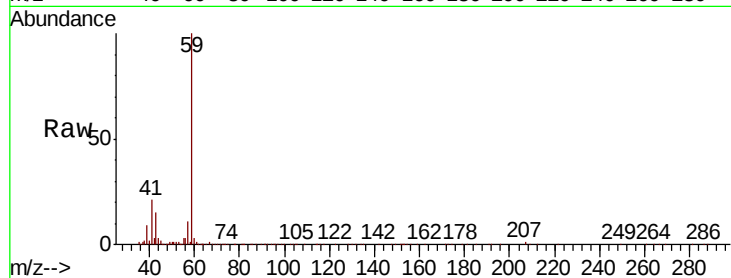


#23

tert-Butyl Alcohol
 Concen: 89.021 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

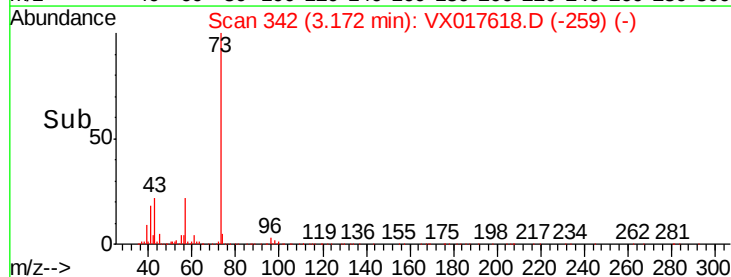
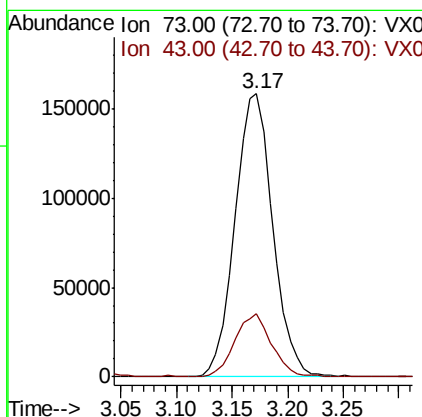
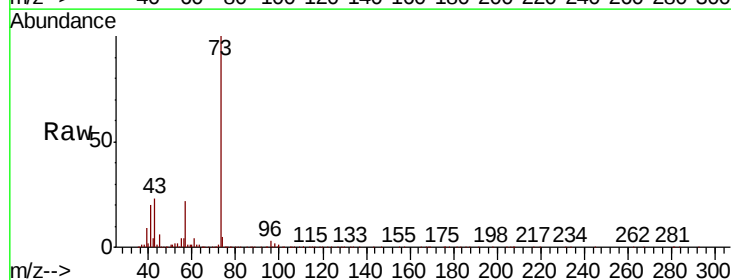
Tot Ion: 59 Resp: 139608
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.4#

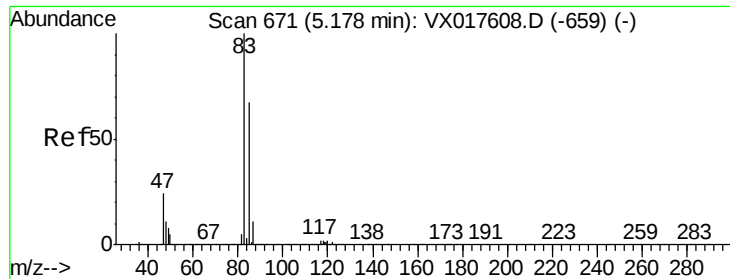


#24

Methyl tert-Butyl Ether
 Concen: 17.760 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion: 73 Resp: 371895
 Ion Ratio Lower Upper
 73 100
 43 21.6 18.1 27.1

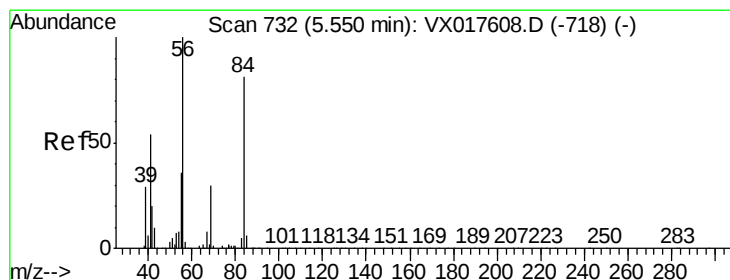
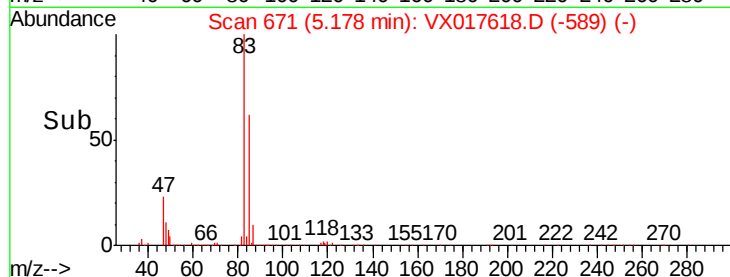
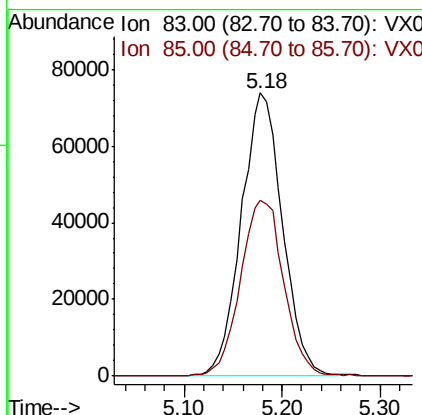
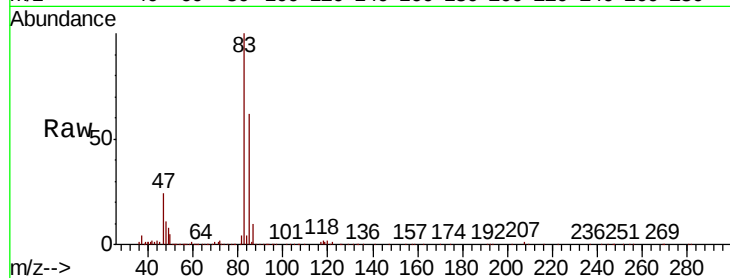




#25
Chloroform
Concen: 18.171 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

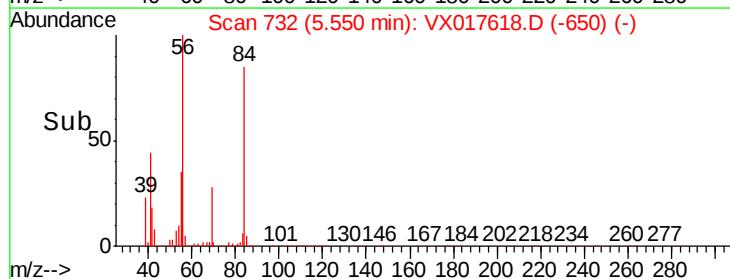
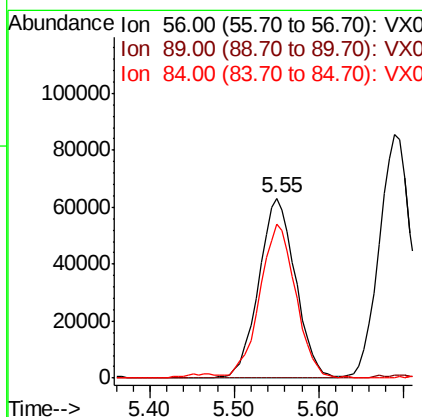
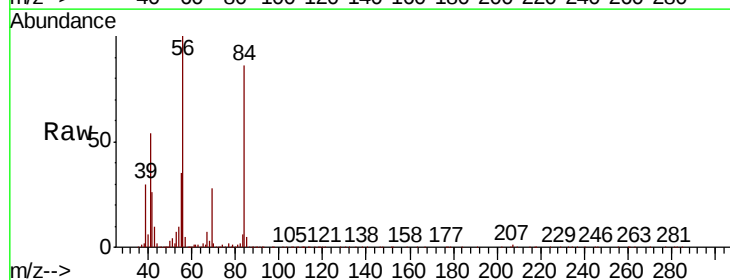
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

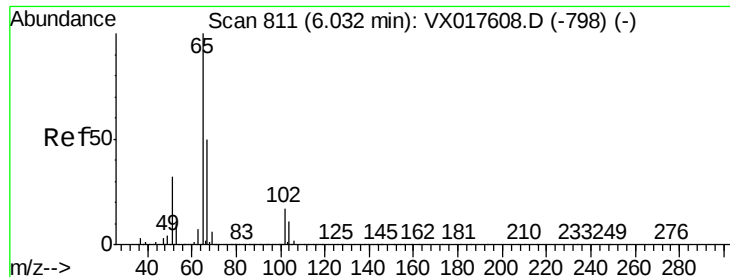
Tot Ion: 83 Resp: 216384
Ion Ratio Lower Upper
83 100
85 61.8 53.7 80.5



#26
Cyclohexane
Concen: 19.877 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion: 56 Resp: 189544
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 84.0 69.3 103.9





#27

1,2-Dichloroethane-d4

Concen: 29.608 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

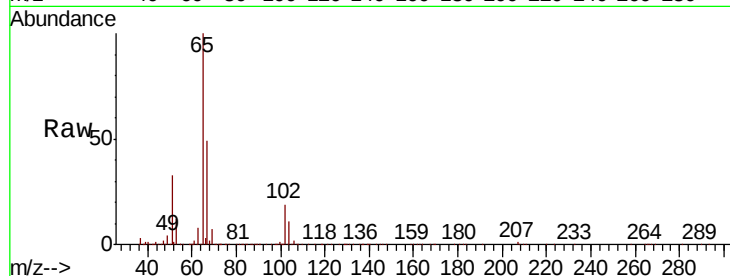
VX0727WBS01

Tot Ion: 65 Resp: 248872

Ion Ratio Lower Upper

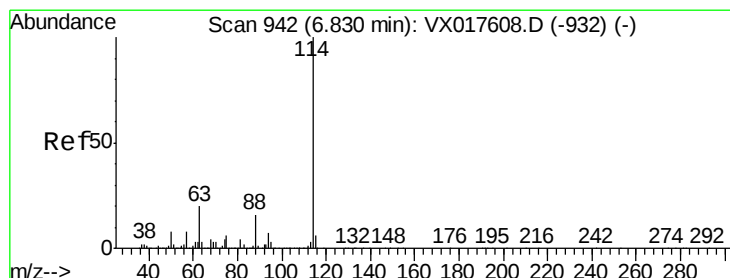
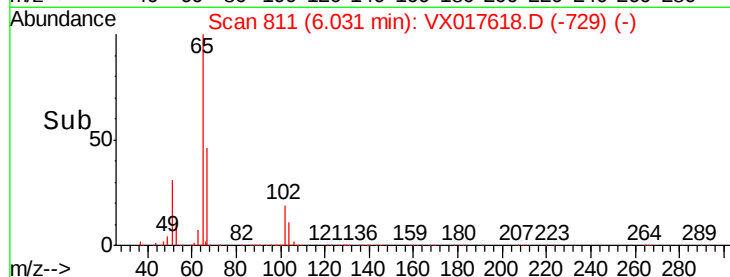
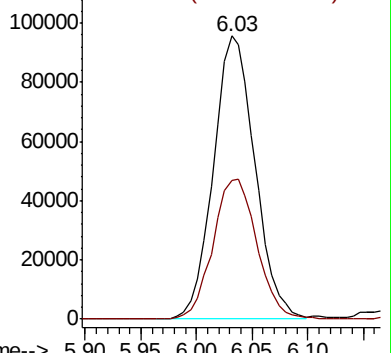
65 100

67 51.6 40.6 61.0



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. 0.01 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

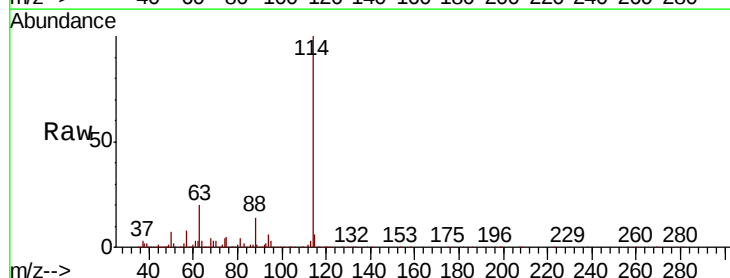
Tgt Ion: 114 Resp: 585914

Ion Ratio Lower Upper

114 100

63 20.1 16.3 24.5

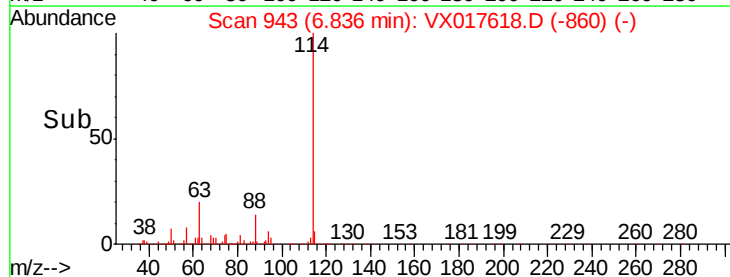
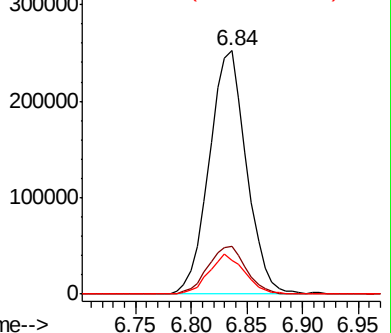
88 15.8 12.6 18.8

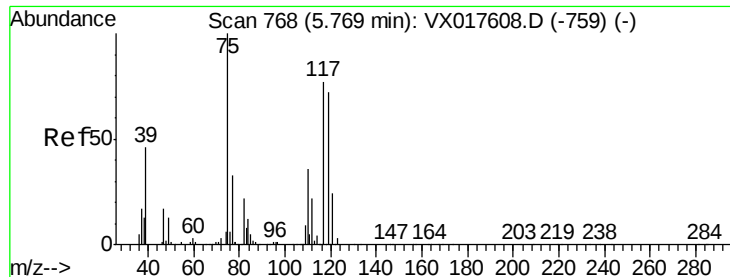


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

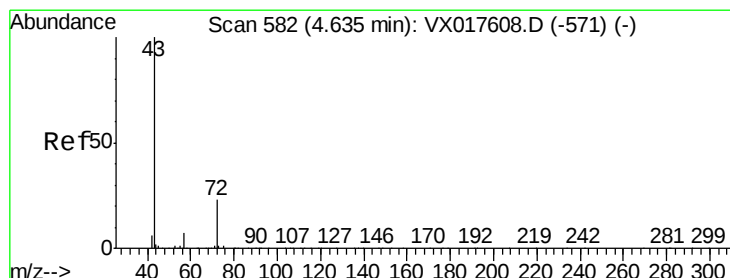
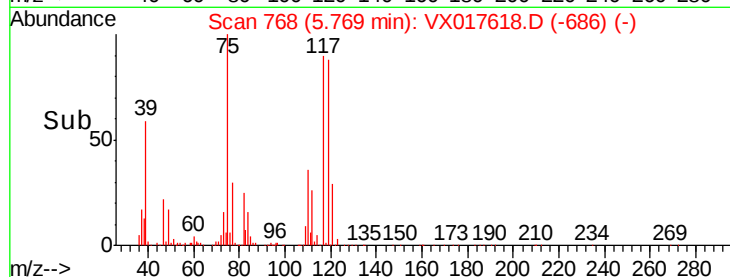
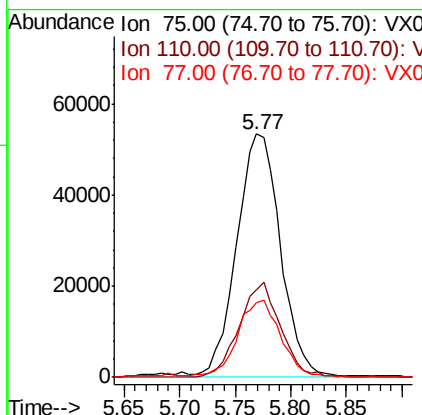
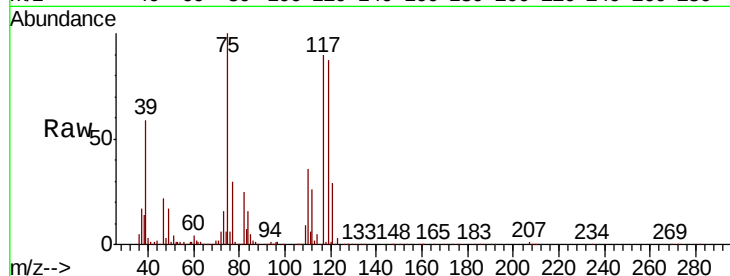




#29
 1,1-Dichloropropene
 Concen: 17.500 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

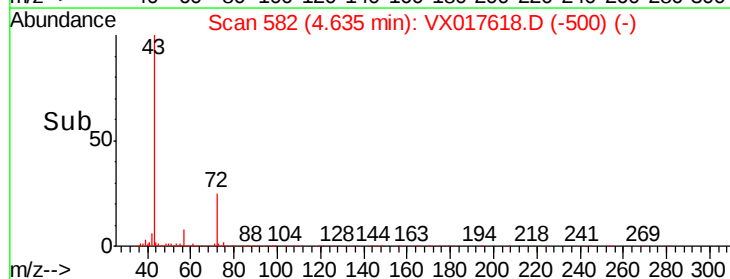
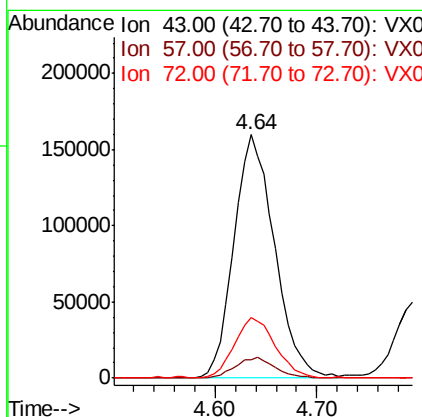
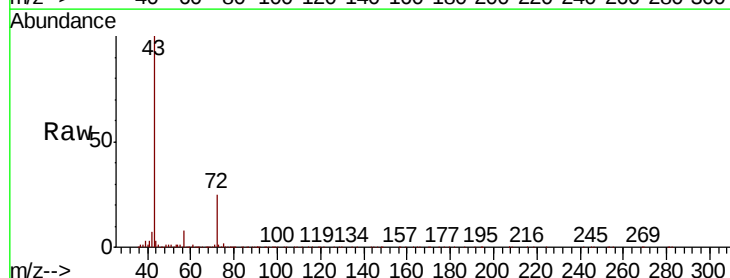
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

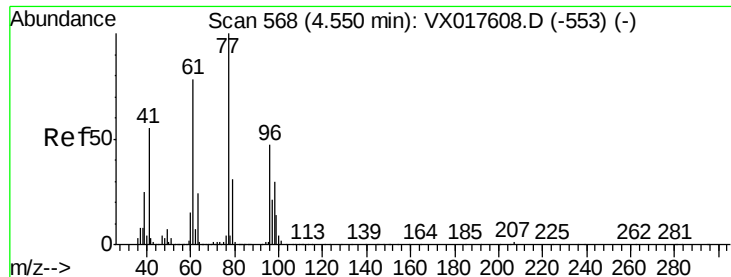
Tot Ion	Ratio	Lower	Upper
75	100		
110	36.2	0.0	75.4
77	30.4	0.0	63.2



#30
 2-Butanone
 Concen: 93.051 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.5	9.7
72	24.4	19.8	29.6





#31

2,2-Dichloropropane

Concen: 16.740 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

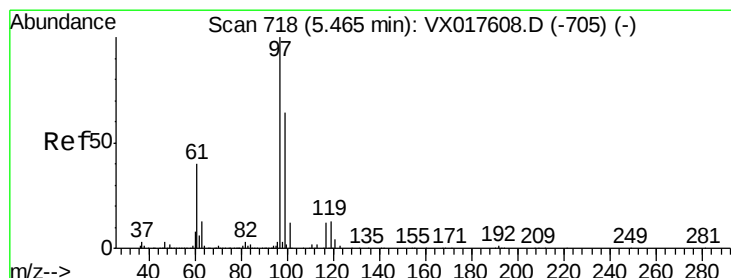
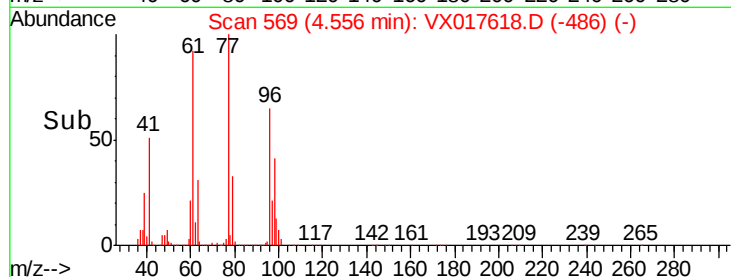
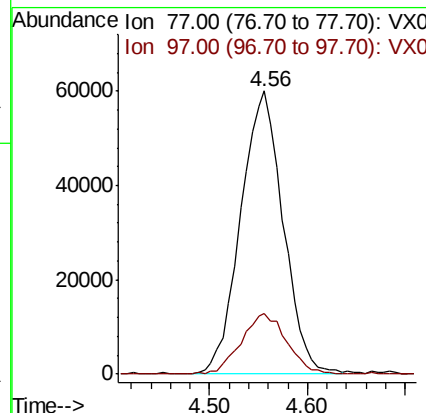
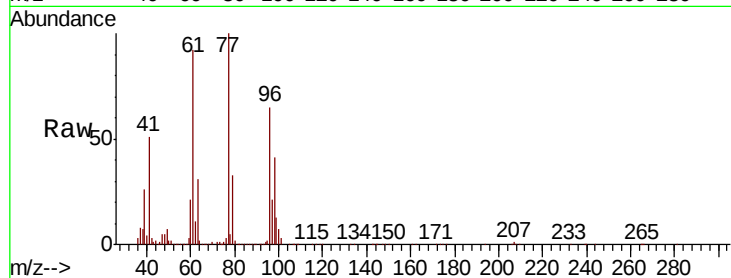
VX0727WBS01

Tot Ion: 77 Resp: 179795

Ion Ratio Lower Upper

77 100

97 22.9 17.6 26.4



#32

1,1,1-Trichloroethane

Concen: 17.678 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

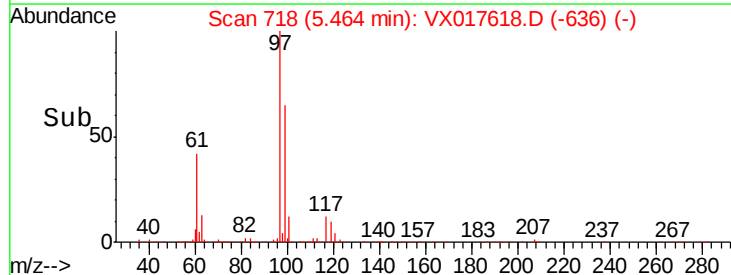
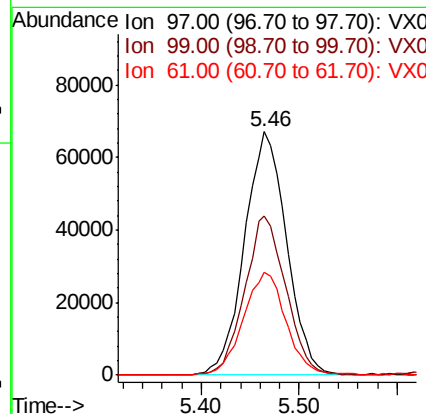
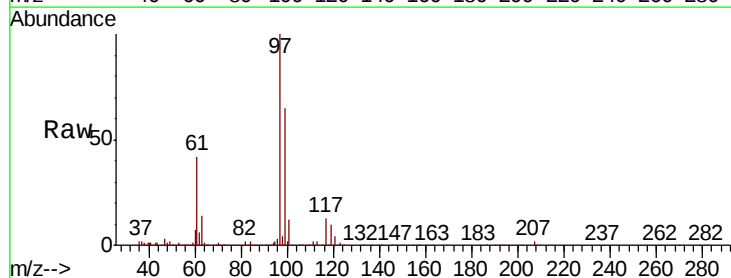
Tgt Ion: 97 Resp: 199075

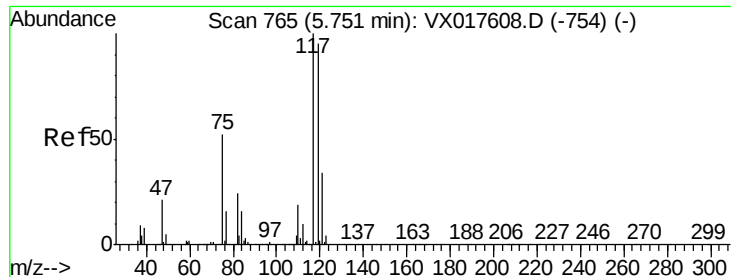
Ion Ratio Lower Upper

97 100

99 64.3 50.6 75.8

61 42.5 32.6 48.8





#33

Carbon Tetrachloride

Concen: 17.058 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

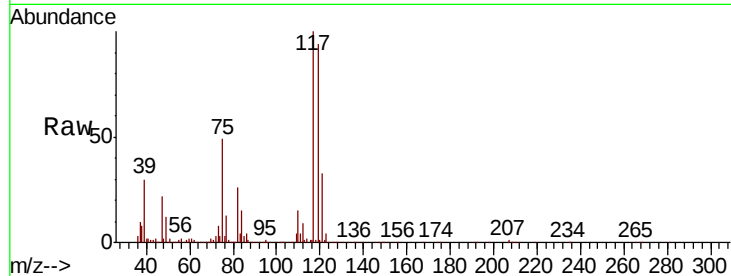
Tot Ion:117 Resp: 177551

Ion Ratio Lower Upper

117 100

119 93.4 76.2 114.2

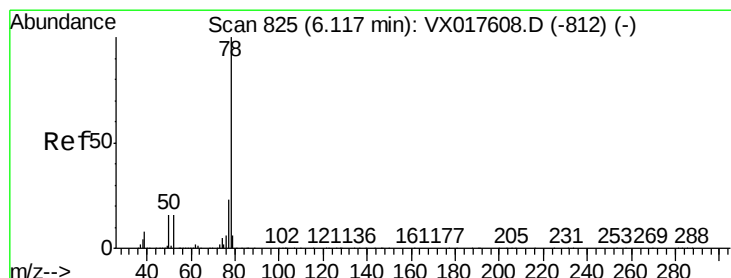
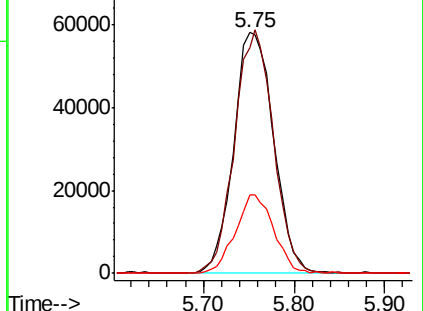
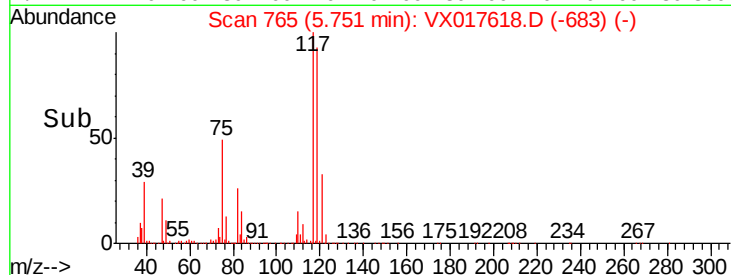
121 32.8 26.8 40.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.143 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

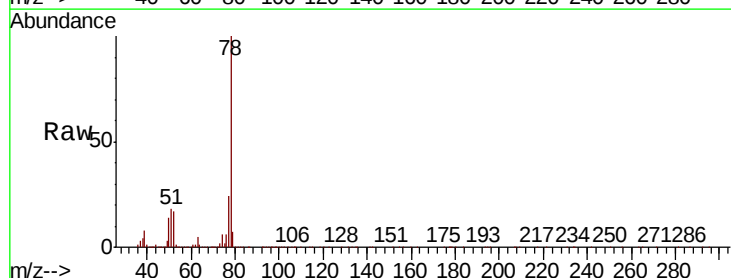
Tgt Ion: 78 Resp: 427317

Ion Ratio Lower Upper

78 100

77 23.6 18.3 27.5

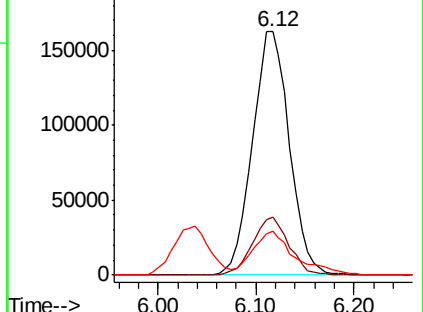
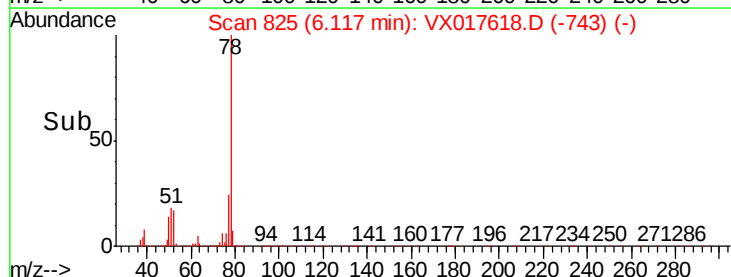
51 16.0 12.3 18.5

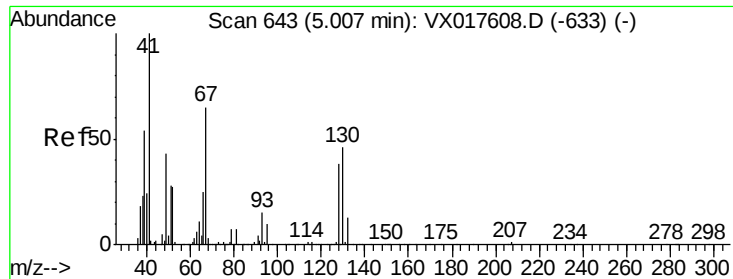


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

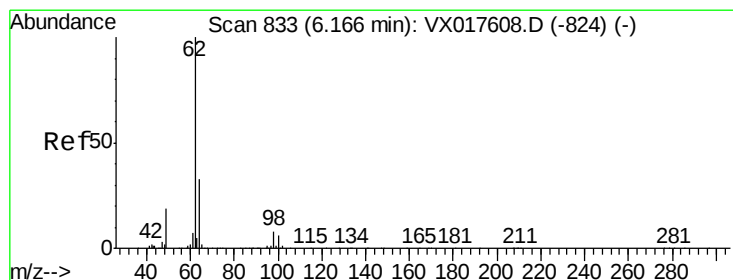
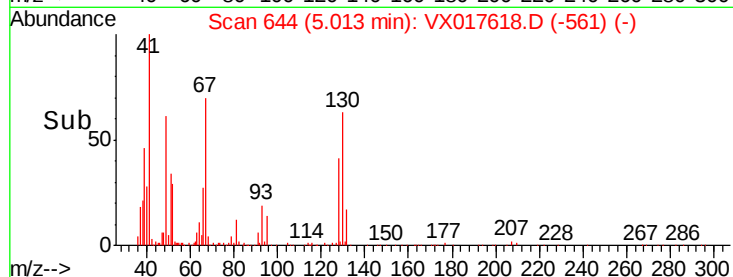
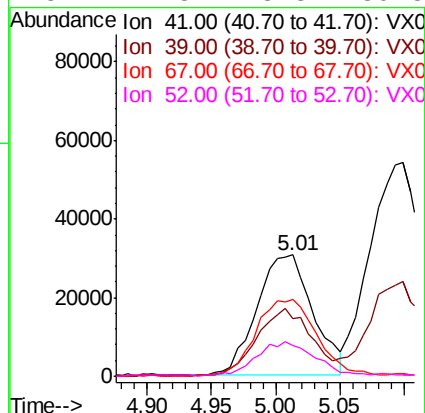
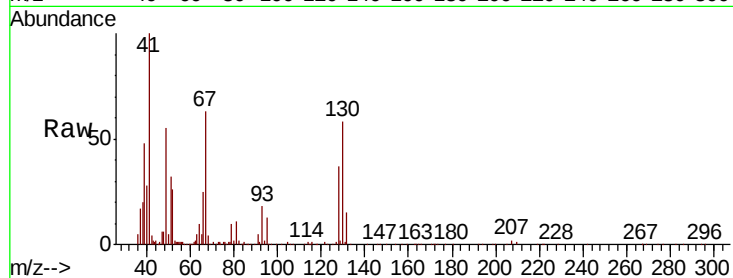




#35
Methacrylonitrile
Concen: 17.688 ug/l
RT: 5.01 min Scan# 644
Delta R.T. 0.01 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

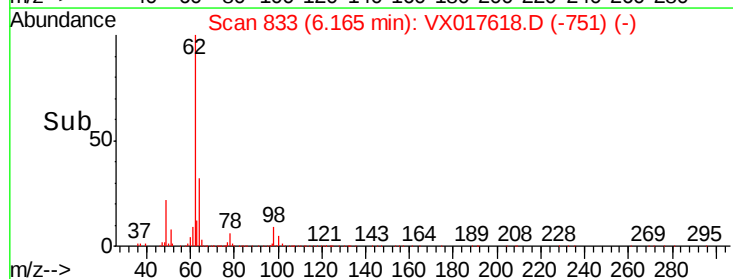
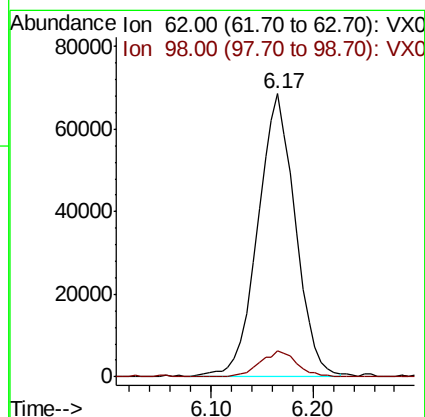
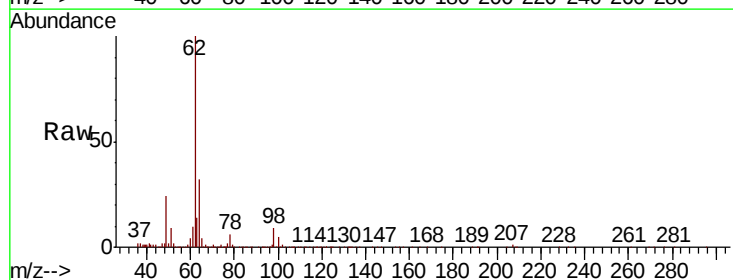
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

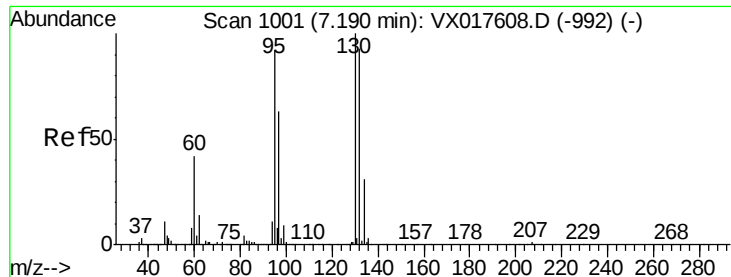
Tot Ion:	41	Resp:	92819
Ion	Ratio	Lower	Upper
41	100		
39	47.5	27.0	81.0
67	63.6	32.4	97.0
52	24.8	13.3	39.8



#36
1,2-Dichloroethane
Concen: 17.534 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion:	62	Resp:	175497
Ion	Ratio	Lower	Upper
62	100		
98	9.1	6.6	10.0

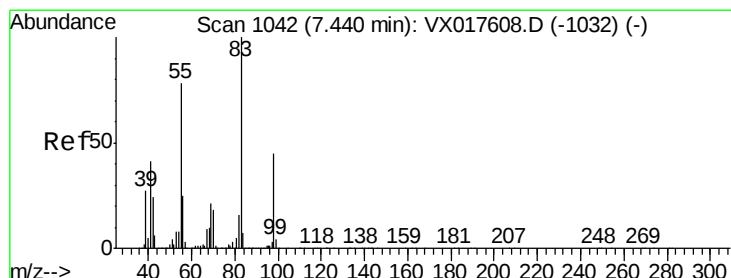
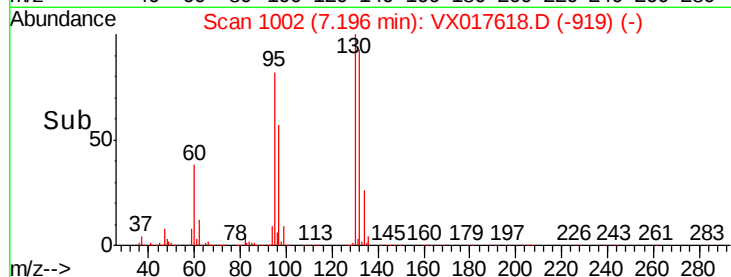
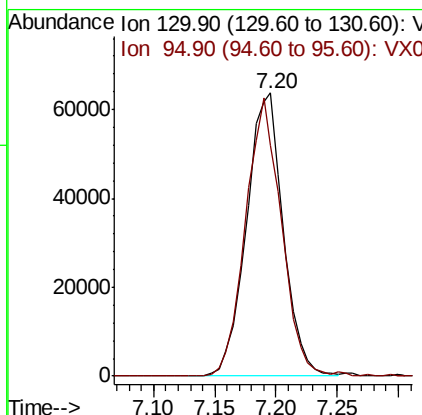
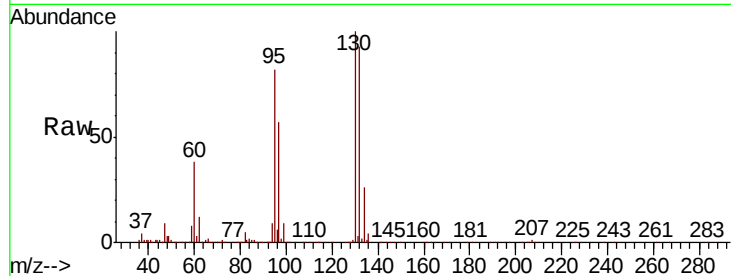




#37
 Trichloroethene
 Concen: 18.467 ug/l
 RT: 7.20 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

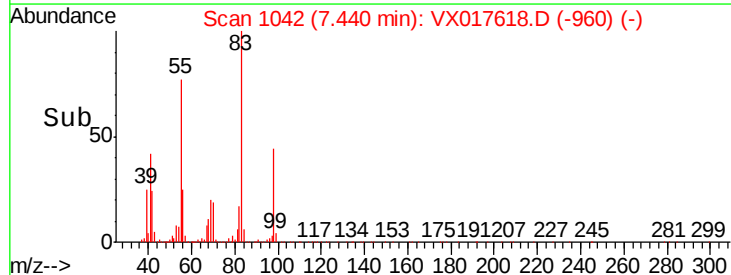
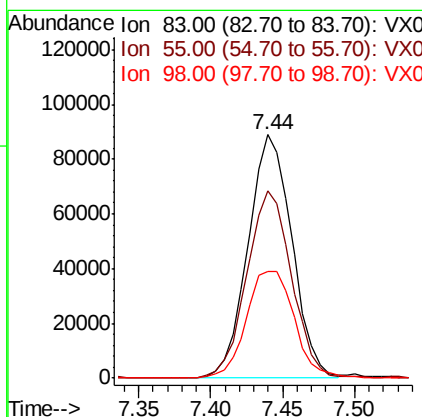
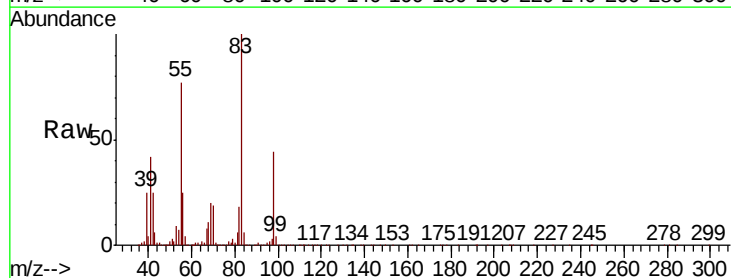
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

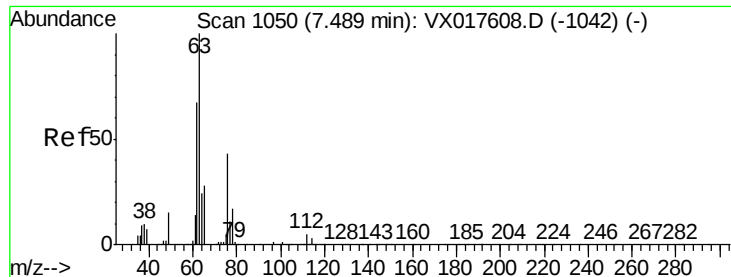
Tot Ion:130 Resp: 133512
 Ion Ratio Lower Upper
 130 100
 95 81.6 73.9 110.9



#38
 Methylcyclohexane
 Concen: 17.820 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion: 83 Resp: 187855
 Ion Ratio Lower Upper
 83 100
 55 77.6 39.6 118.7
 98 48.2 23.9 71.7

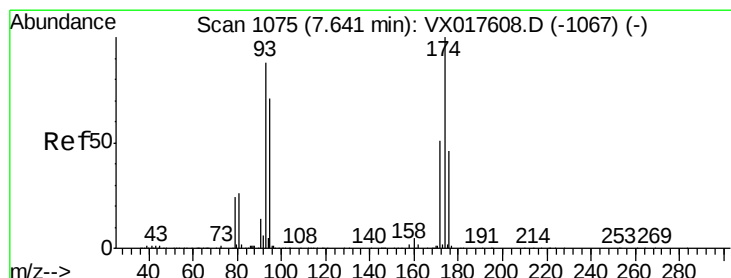
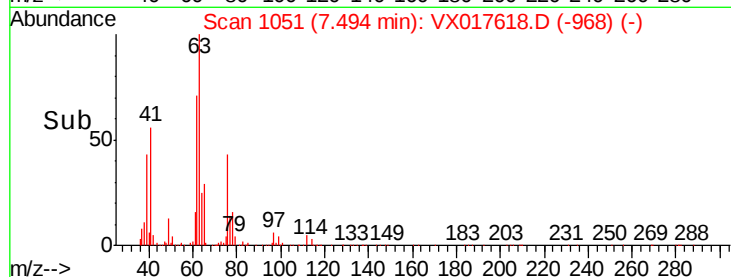
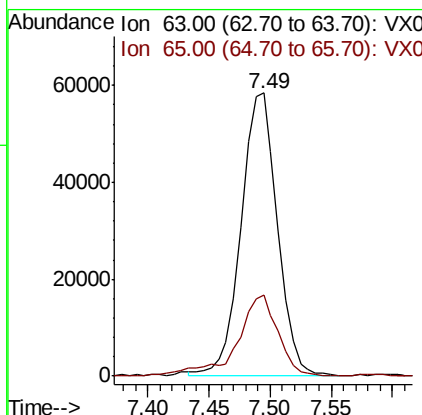
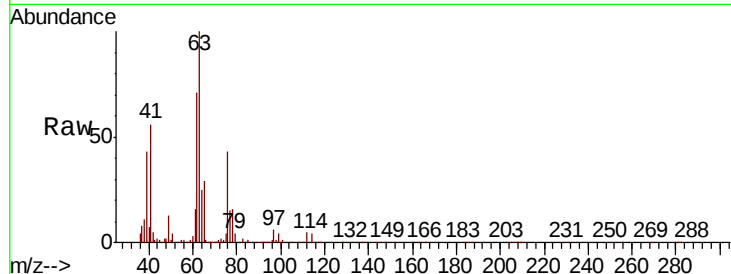




#39
 1,2-Dichloropropane
 Concen: 18.286 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

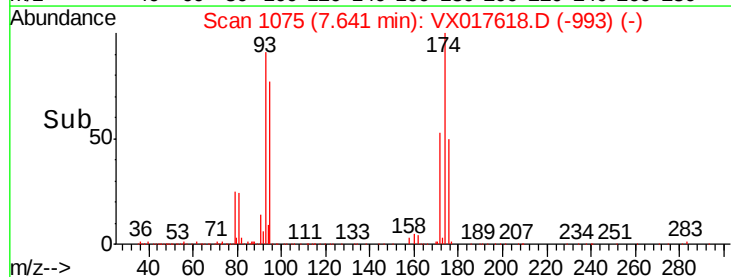
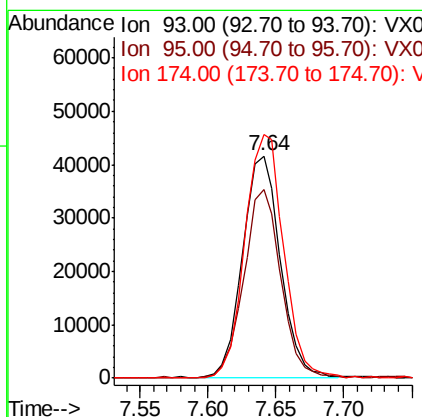
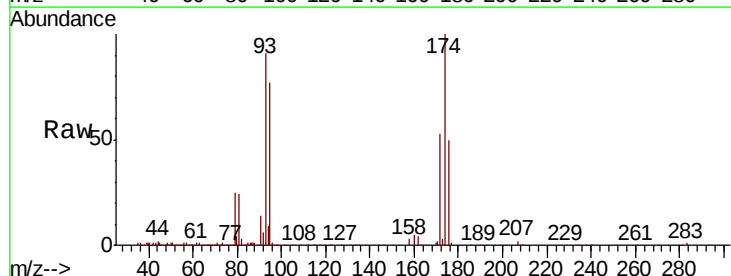
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

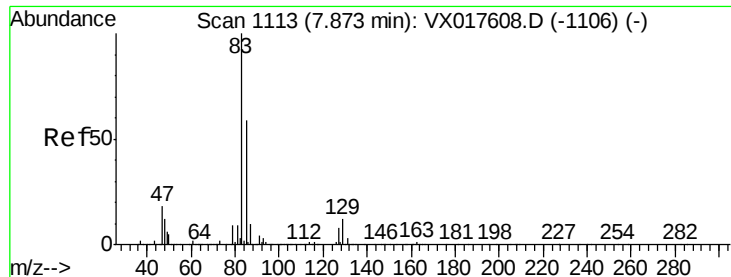
Tot Ion: 63 Resp: 120255
 Ion Ratio Lower Upper
 63 100
 65 28.7 25.2 37.8



#40
 Dibromomethane
 Concen: 17.458 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion: 93 Resp: 81506
 Ion Ratio Lower Upper
 93 100
 95 81.4 0.0 163.4
 174 112.0 0.0 214.6





#41

Bromodichloromethane

Concen: 17.221 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

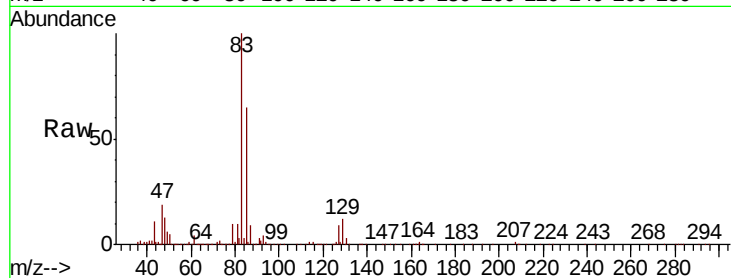
Tot Ion: 83 Resp: 178045

Ion Ratio Lower Upper

83 100

85 65.1 47.4 71.0

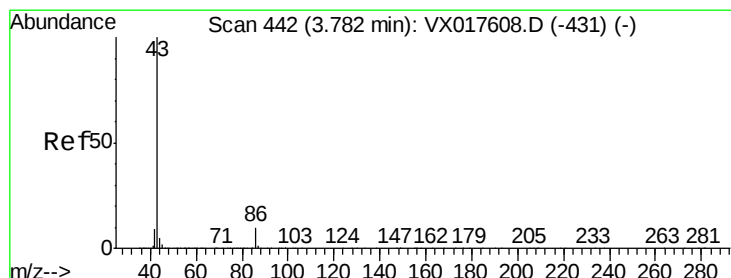
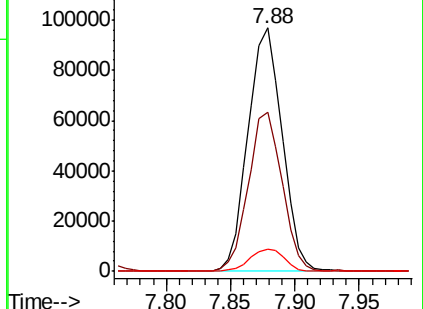
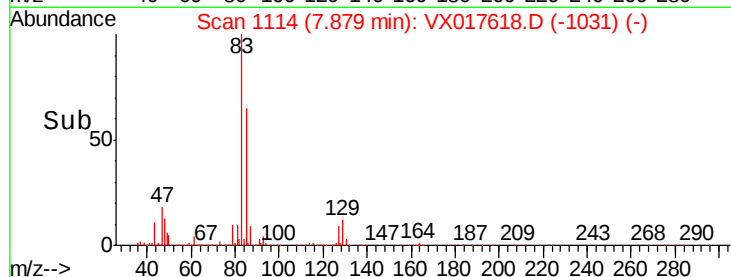
127 9.1 6.3 9.5



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: 87.881 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX017618.D

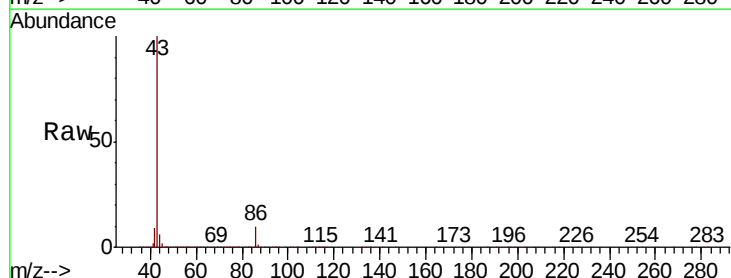
Acq: 27 Jul 2020 15:13

Tgt Ion: 43 Resp: 1368810

Ion Ratio Lower Upper

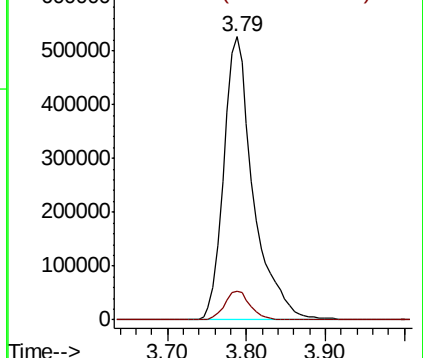
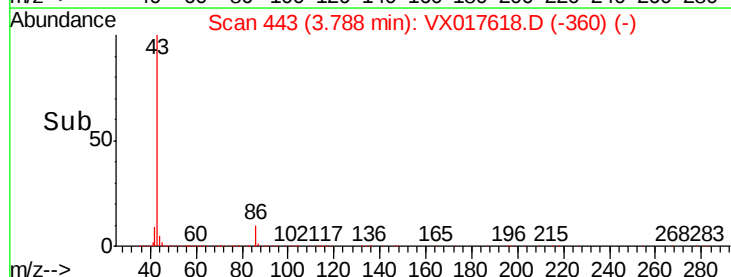
43 100

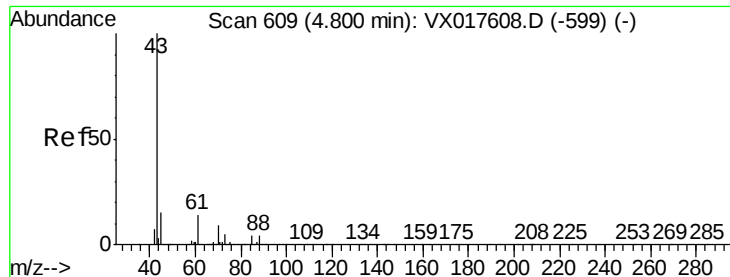
86 8.8 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

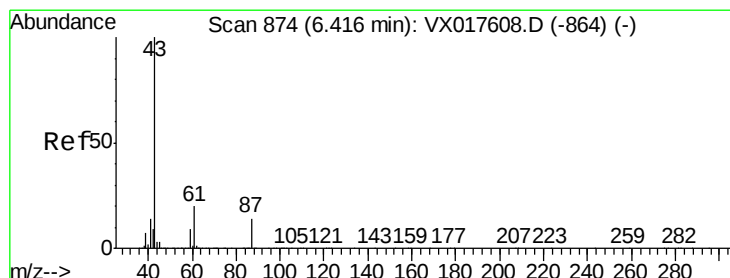
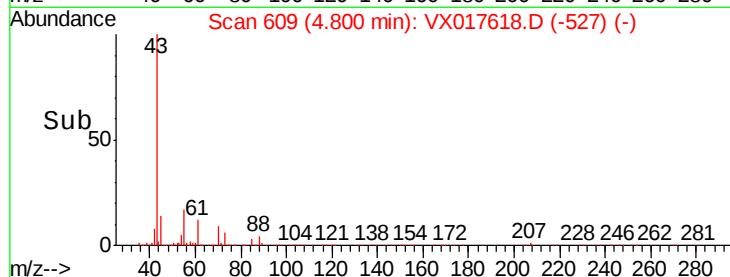
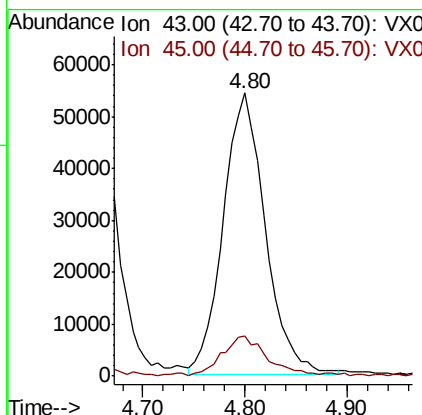
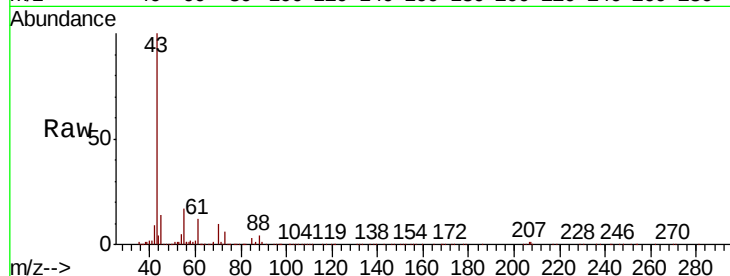




#43
Ethyl Acetate
Concen: 17.848 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

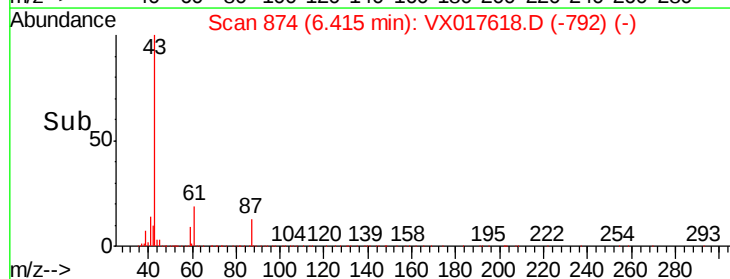
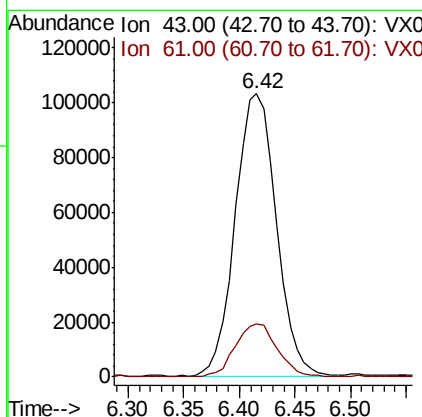
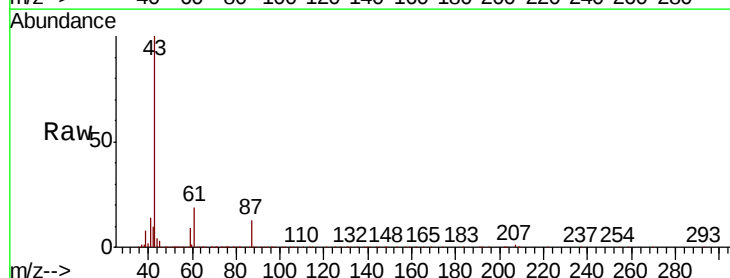
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

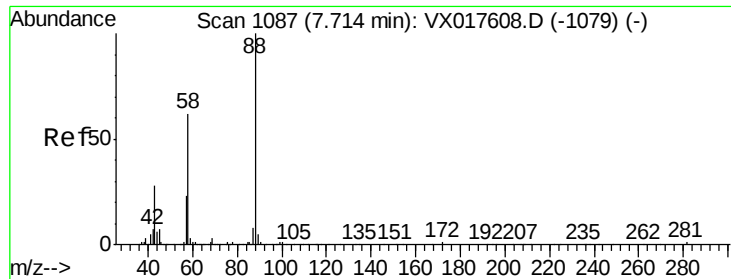
Tot Ion: 43 Resp: 155054
Ion Ratio Lower Upper
43 100
45 15.2 11.4 17.2



#44
Isopropyl Acetate
Concen: 17.597 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion: 43 Resp: 265487
Ion Ratio Lower Upper
43 100
61 19.0 15.9 23.9

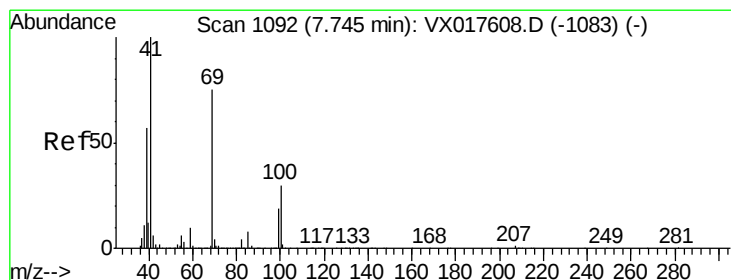
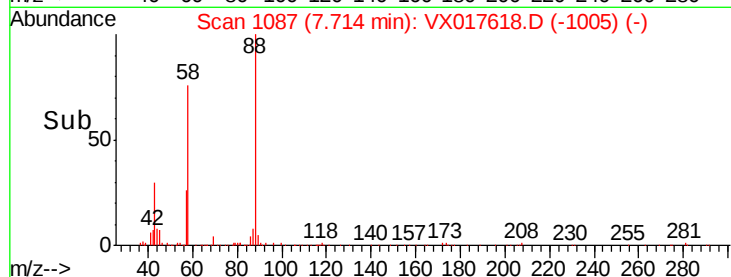
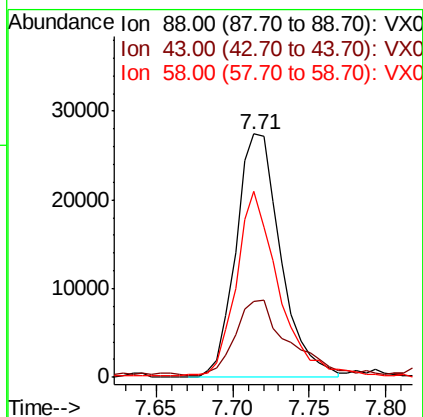
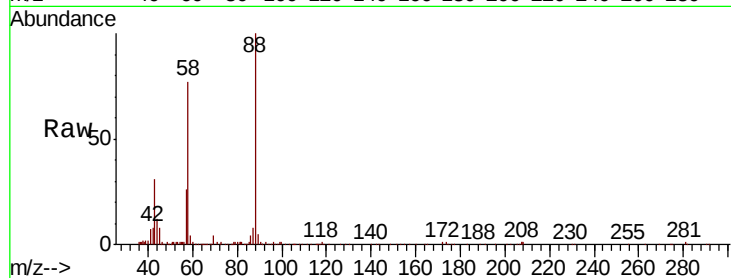




#45
1,4-Dioxane
Concen: 356.298 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

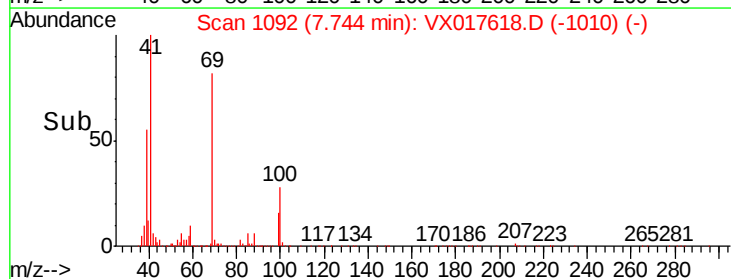
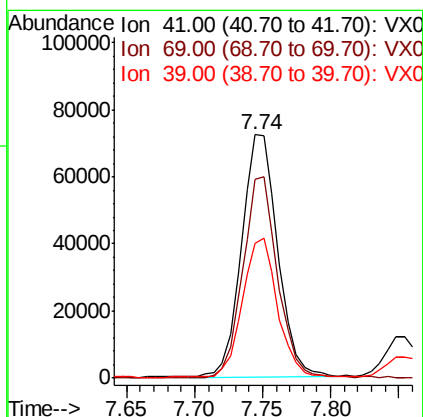
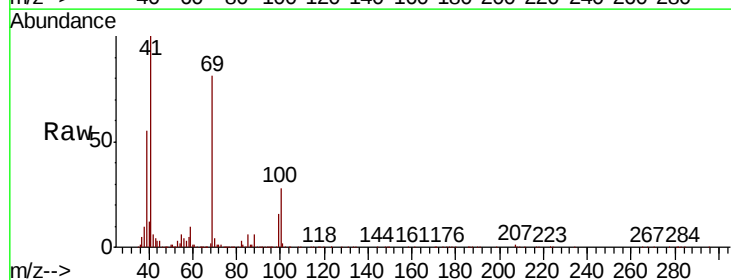
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

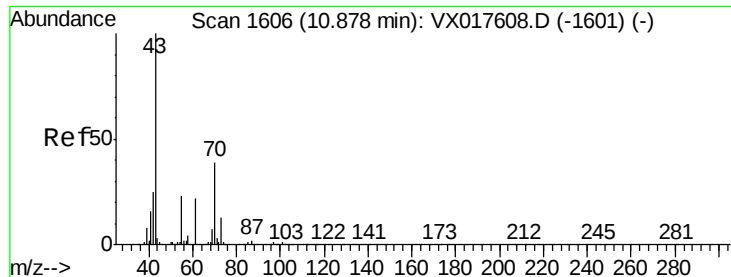
Tot Ion: 88 Resp: 55770
Ion Ratio Lower Upper
88 100
43 36.1 29.0 43.6
58 71.7 55.6 83.4



#46
Methyl methacrylate
Concen: 17.524 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion: 41 Resp: 134300
Ion Ratio Lower Upper
41 100
69 81.7 37.4 112.1
39 54.9 28.7 86.1





#47

n-amvl Acetate

Concen: 17.566 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

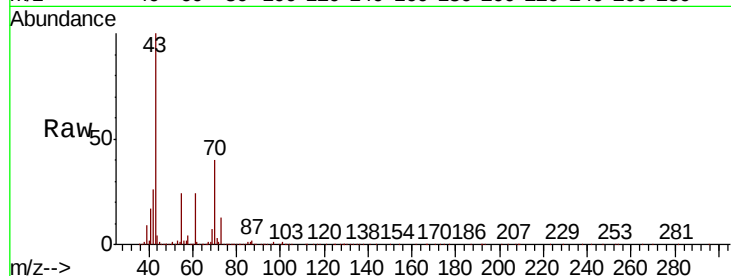
VX0727WBS01

Tot Ion: 43 Resp: 230834

Ion Ratio Lower Upper

43 100

55 24.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.88

200000

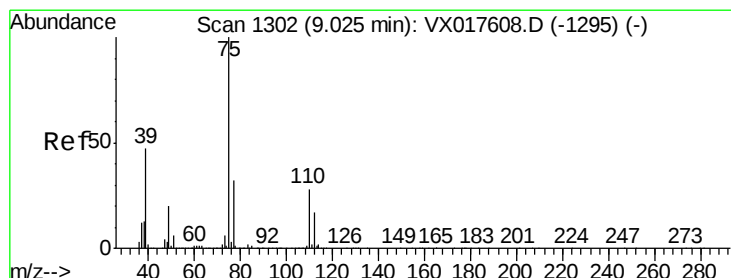
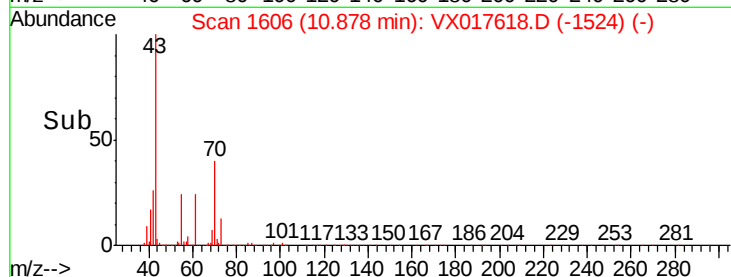
150000

100000

50000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 17.056 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017618.D

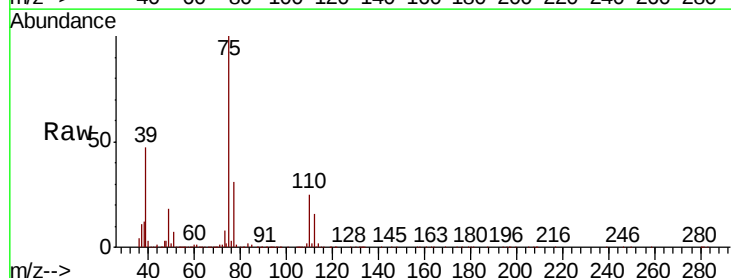
Acq: 27 Jul 2020 15:13

Tgt Ion: 75 Resp: 192091

Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

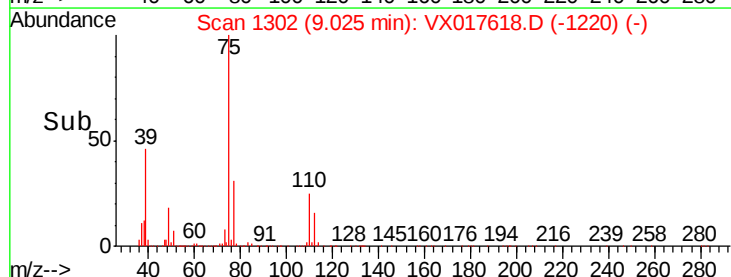
150000

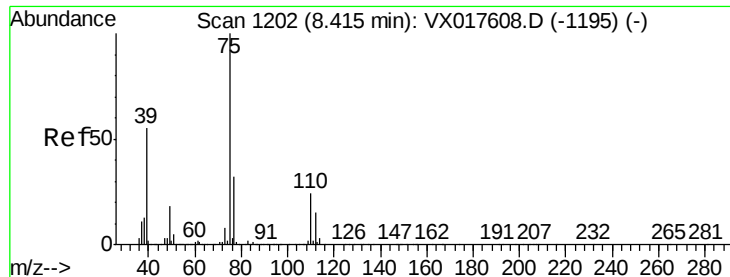
100000

50000

0

Time-->



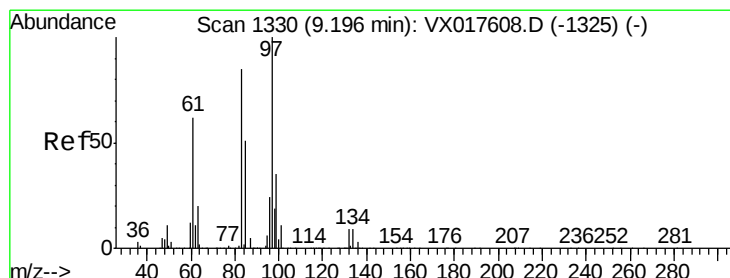
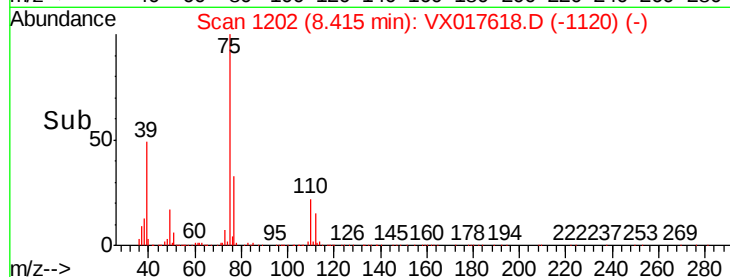
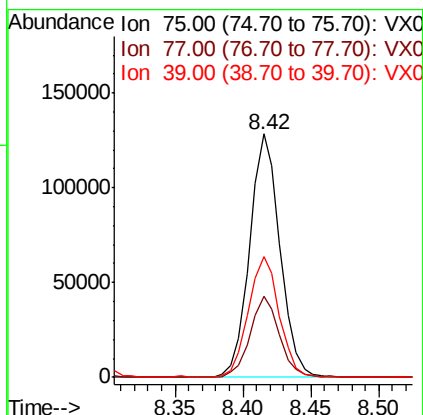
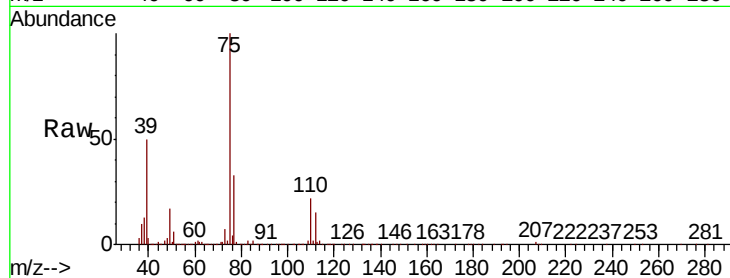


#49

cis-1,3-Dichloropropene
 Concen: 16.655 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

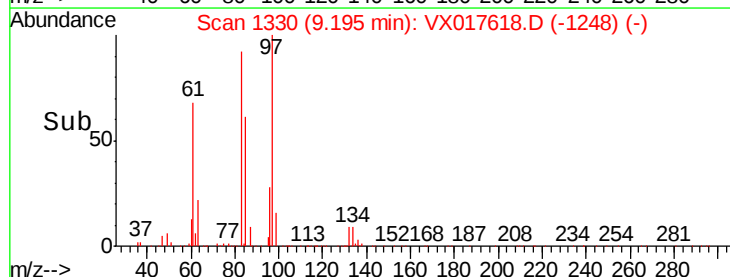
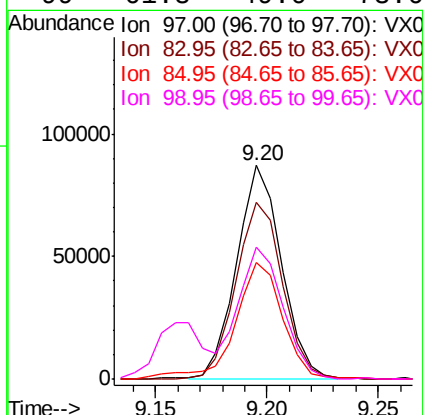
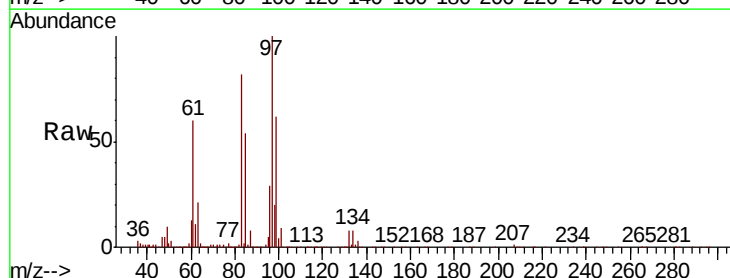
Tot Ion:	75	Resp:	200681
Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.4	38.0
39	49.3	43.6	65.4

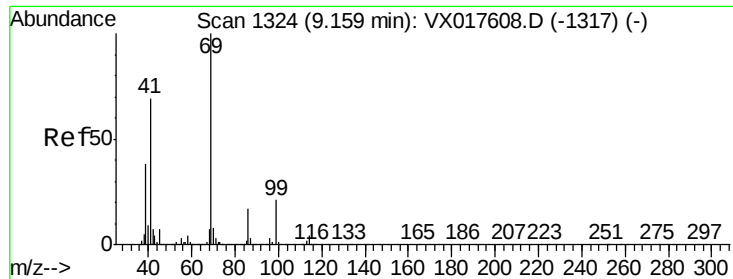


#50

1,1,2-Trichloroethane
 Concen: 18.329 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion:	97	Resp:	122591
Ion	Ratio	Lower	Upper
97	100		
83	82.4	68.2	102.2
85	53.7	42.6	64.0
99	61.8	49.0	73.6





#51

Ethyl methacrylate

Concen: 17.982 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

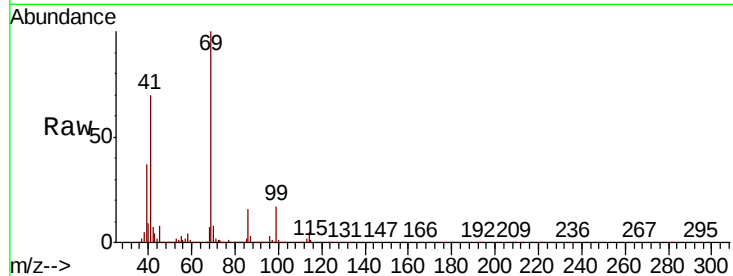
Tot Ion: 69 Resp: 181348

Ion Ratio Lower Upper

69 100

41 69.8 34.4 103.2

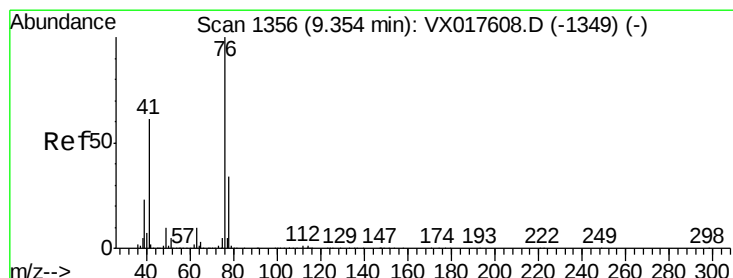
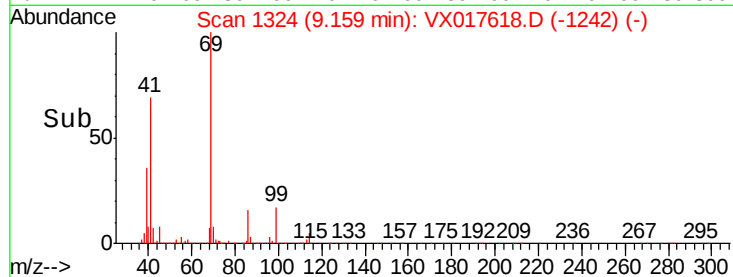
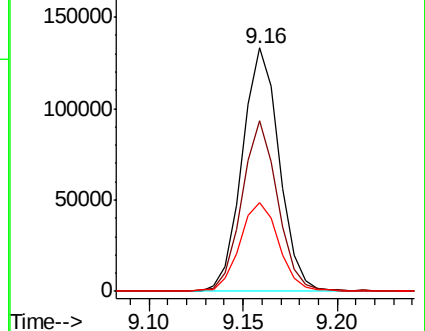
39 36.5 19.1 57.1



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: 18.471 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017618.D

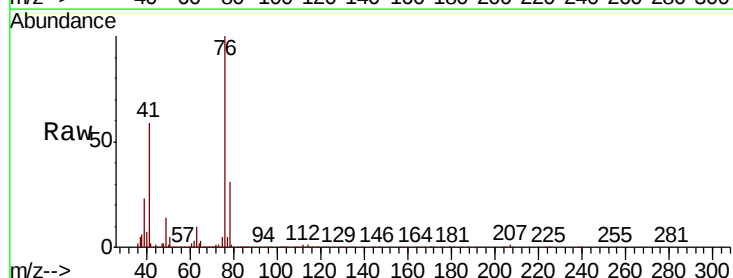
Acq: 27 Jul 2020 15:13

Tgt Ion: 76 Resp: 201412

Ion Ratio Lower Upper

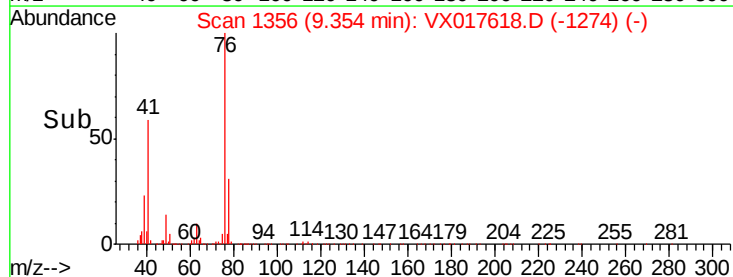
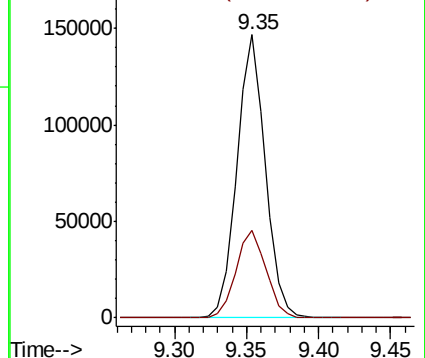
76 100

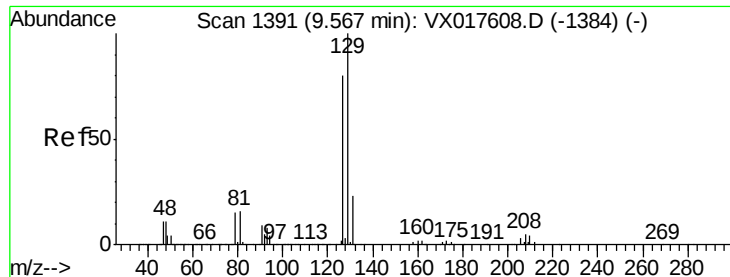
78 32.5 0.0 65.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 17.468 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

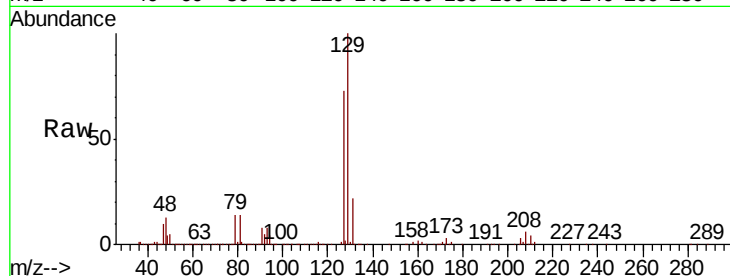
VX0727WBS01

Tot Ion:129 Resp: 148382

Ion Ratio Lower Upper

129 100

127 78.0 39.7 119.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.57

120000

100000

80000

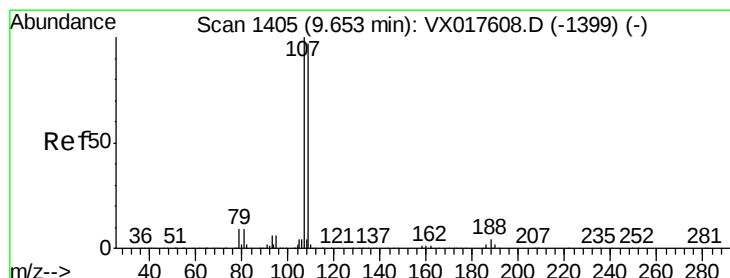
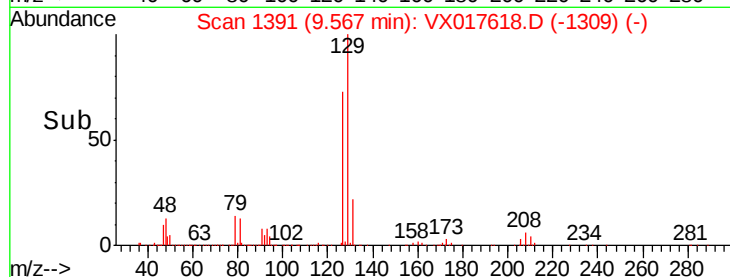
60000

40000

20000

0

Time-->



#54

1,2-Dibromoethane

Concen: 17.804 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017618.D

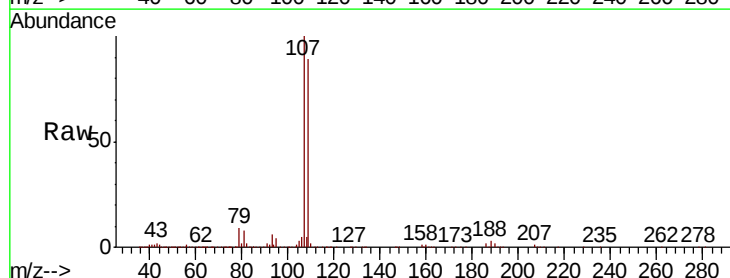
Acq: 27 Jul 2020 15:13

Tgt Ion:107 Resp: 129515

Ion Ratio Lower Upper

107 100

109 92.4 75.6 113.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.65

100000

80000

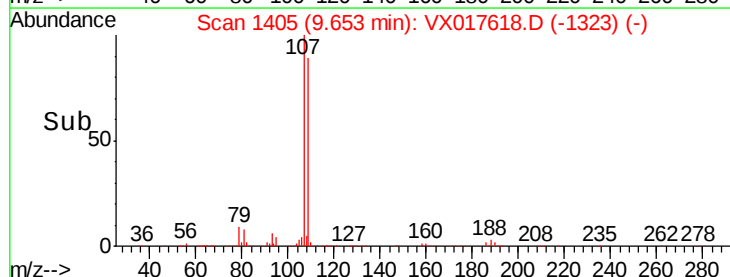
60000

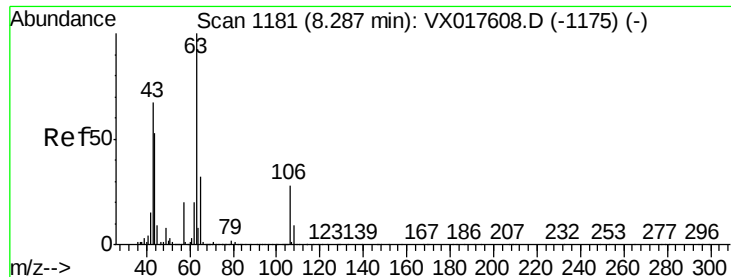
40000

20000

0

Time-->

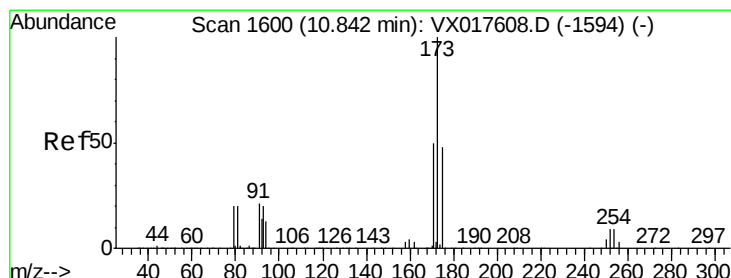
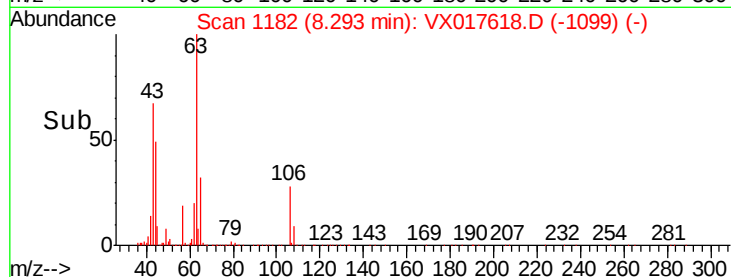
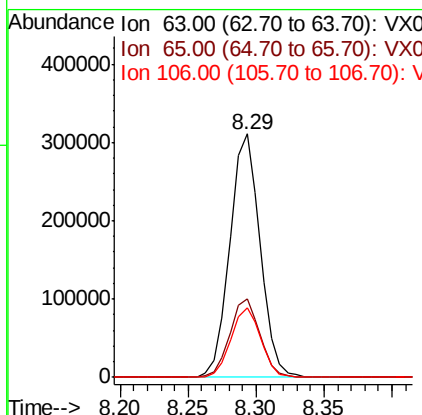
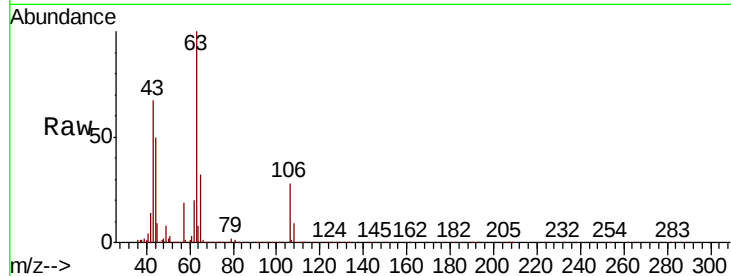




#55
2-Chloroethyl vinyl ether
Concen: 88.997 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

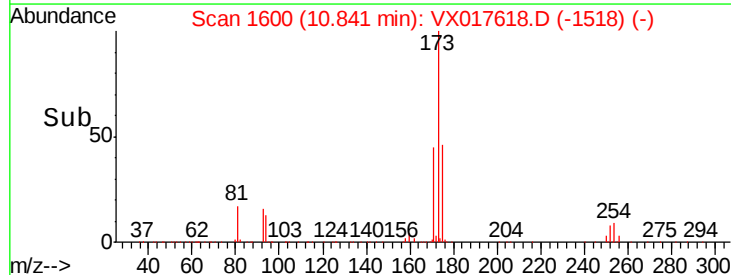
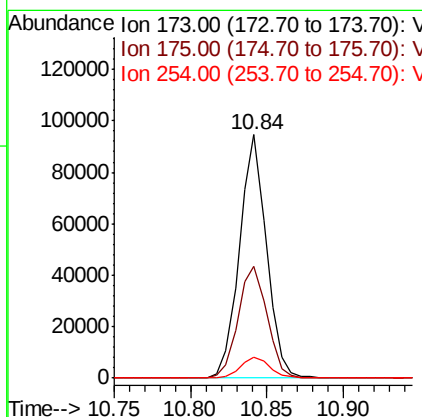
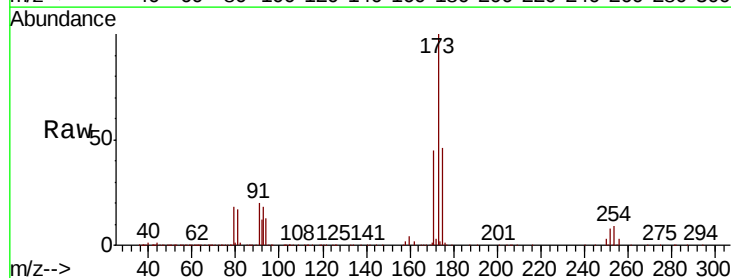
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

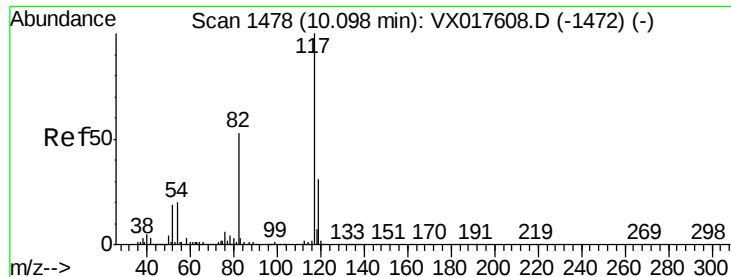
Tot Ion: 63 Resp: 479527
Ion Ratio Lower Upper
63 100
65 32.3 25.5 38.3
106 28.3 22.9 34.3



#56
Bromoform
Concen: 17.837 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion: 173 Resp: 115644
Ion Ratio Lower Upper
173 100
175 49.1 38.2 57.4
254 9.3 7.4 11.2

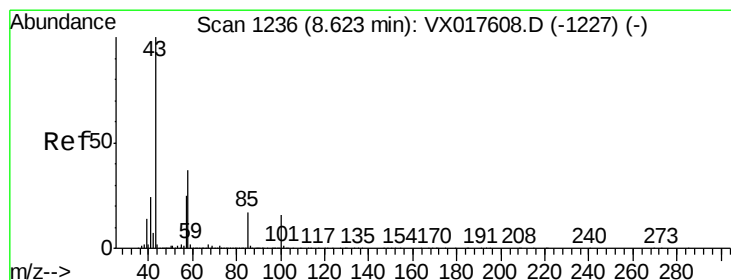
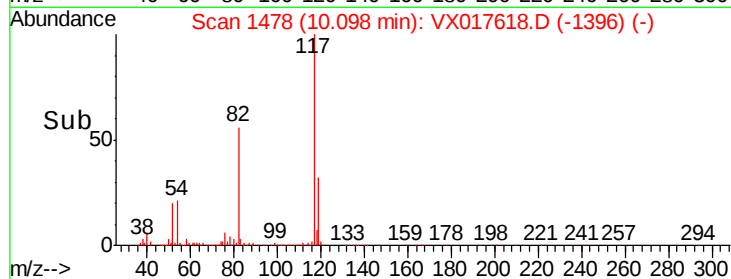
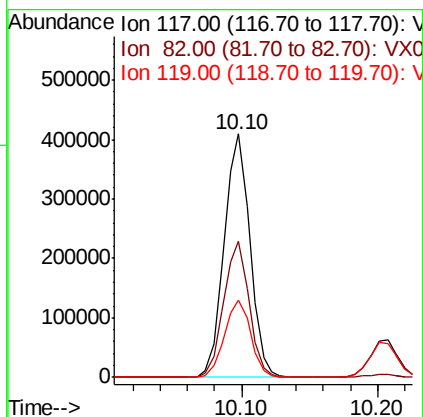
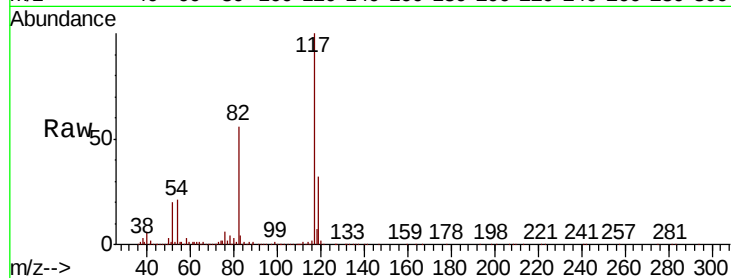




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

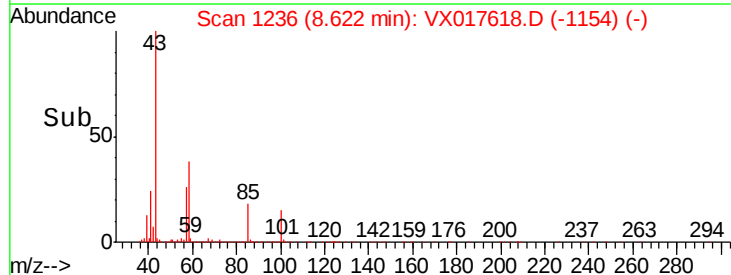
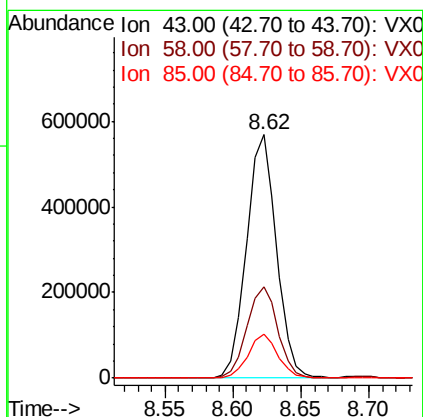
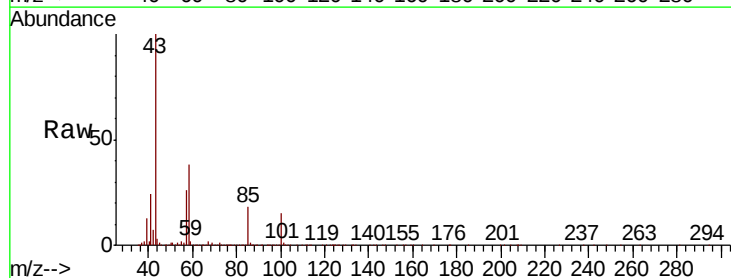
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

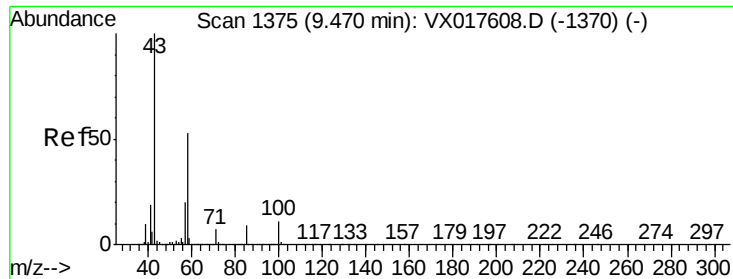
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.6	65.4
119	32.1	25.7	38.5



#58
4-Methyl-2-Pentanone
Concen: 91.242 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.6	30.5	45.7
85	17.9	14.2	21.2

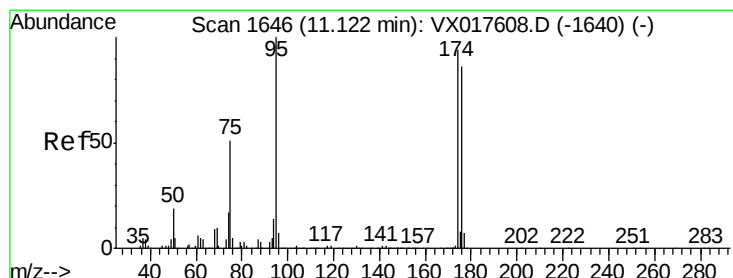
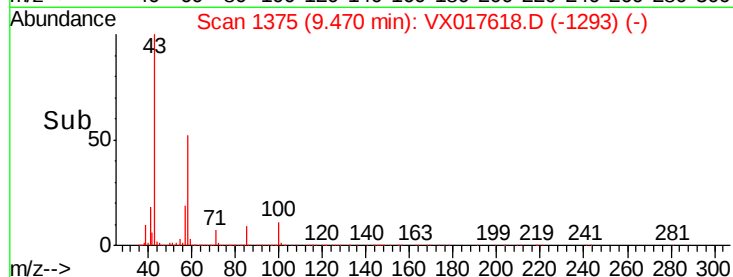
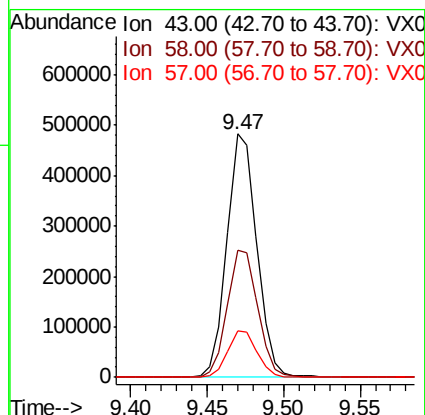
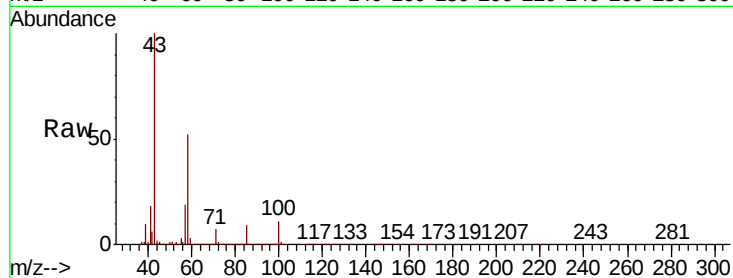




#59
2-Hexanone
Concen: 96.411 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

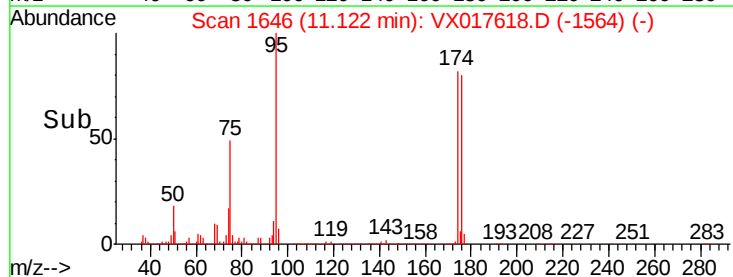
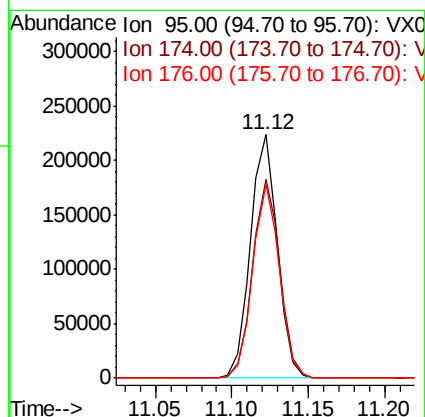
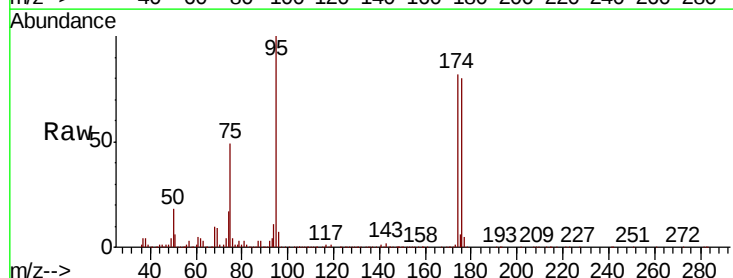
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

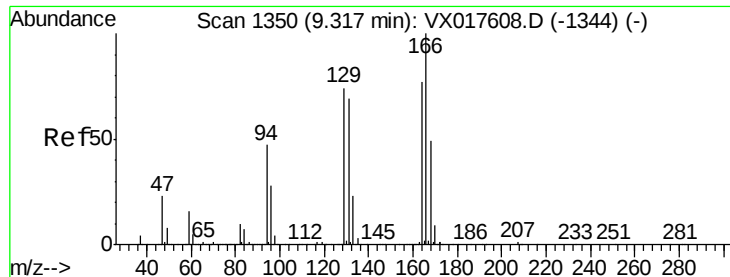
Tot Ion: 43 Resp: 652900
Ion Ratio Lower Upper
43 100
58 53.3 42.9 64.3
57 18.9 16.1 24.1



#60
4-Bromofluorobenzene
Concen: 30.001 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion: 95 Resp: 273919
Ion Ratio Lower Upper
95 100
174 82.5 70.2 105.2
176 79.2 65.6 98.4





#61

Tetrachloroethene

Concen: 18.534 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

Tot Ion:164 Resp: 136147

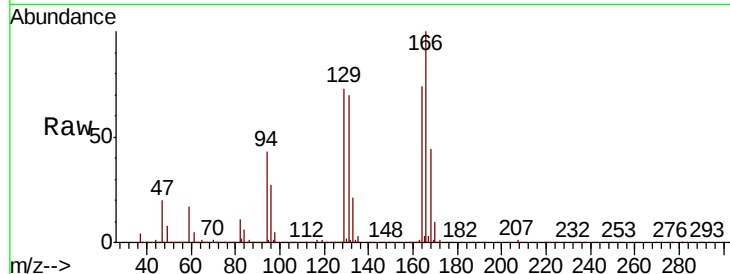
Ion Ratio Lower Upper

164 100

166 135.0 104.4 156.6

129 98.1 77.0 115.4

131 94.2 72.3 108.5

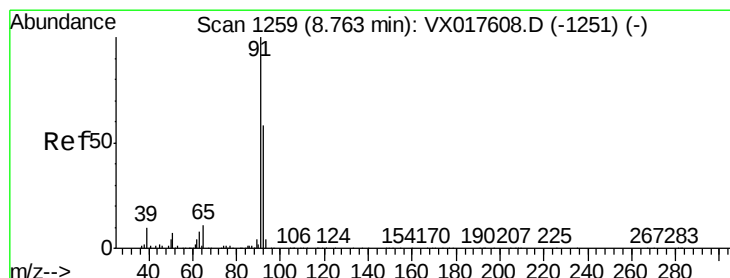
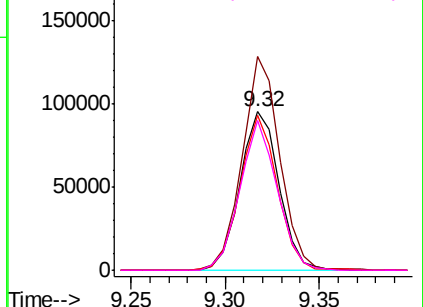
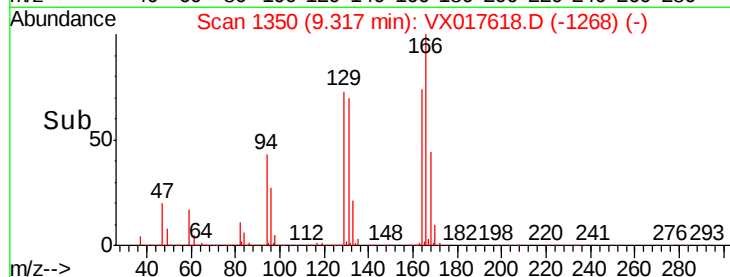


Abundance Ion 163.85 (163.55 to 164.55): V

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: 17.826 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017618.D

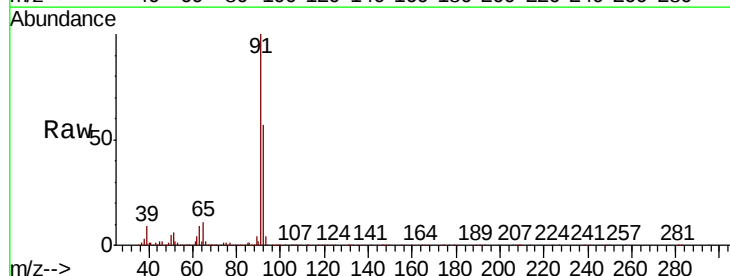
Acq: 27 Jul 2020 15:13

Tgt Ion: 91 Resp: 477601

Ion Ratio Lower Upper

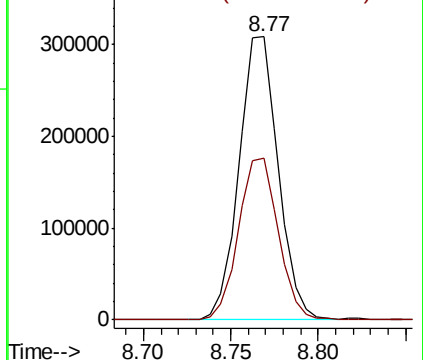
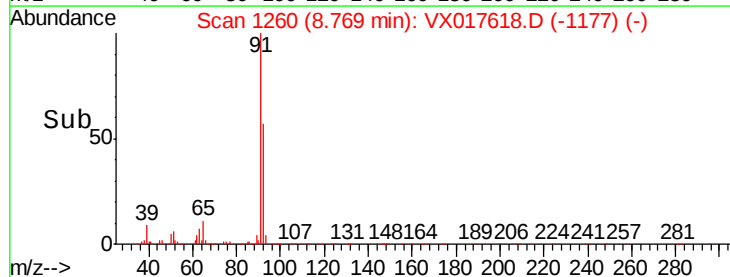
91 100

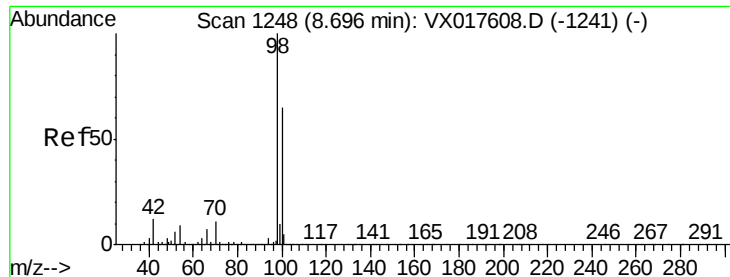
92 58.8 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.395 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

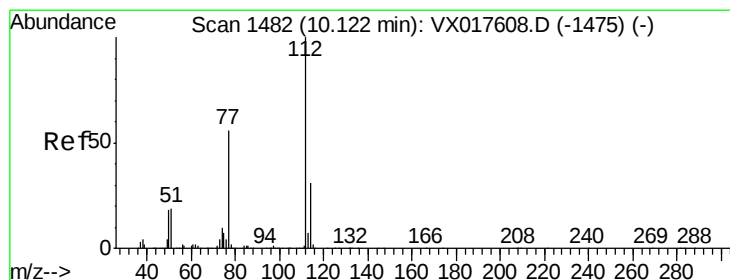
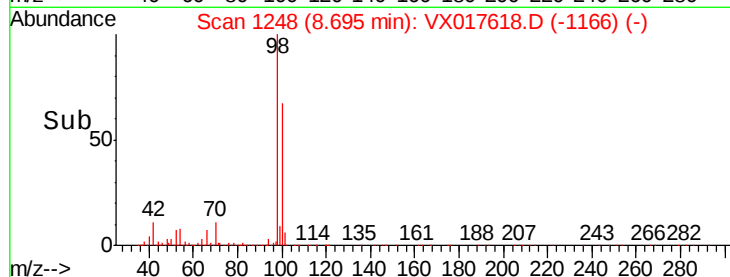
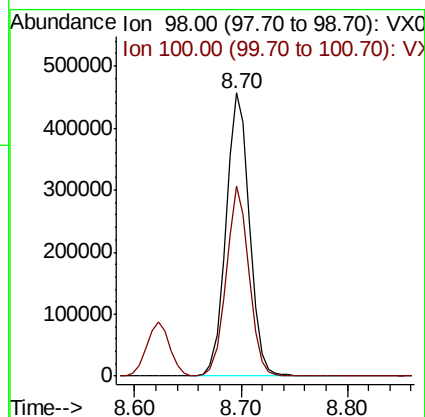
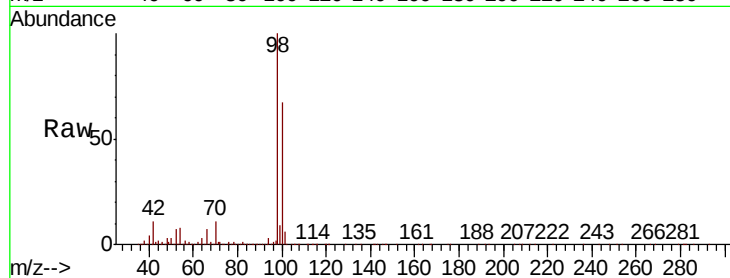
VX0727WBS01

Tot Ion: 98 Resp: 701318

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9



#64

Chlorobenzene

Concen: 18.258 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017618.D

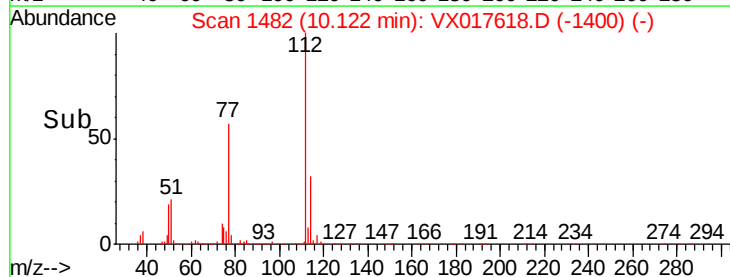
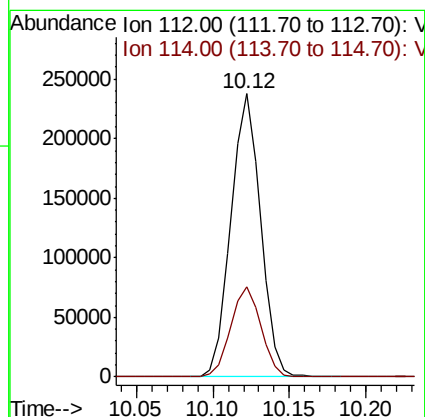
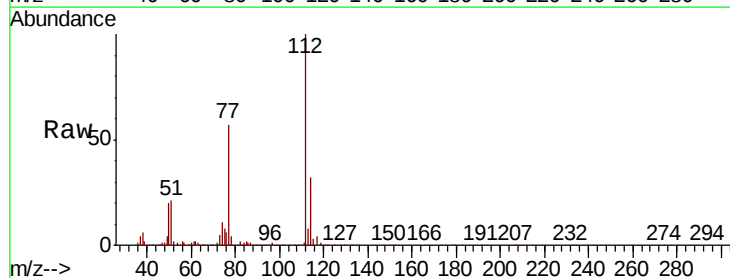
Acq: 27 Jul 2020 15:13

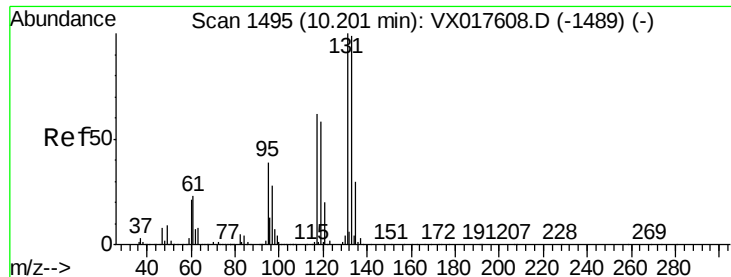
Tgt Ion: 112 Resp: 319714

Ion Ratio Lower Upper

112 100

114 31.7 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.466 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

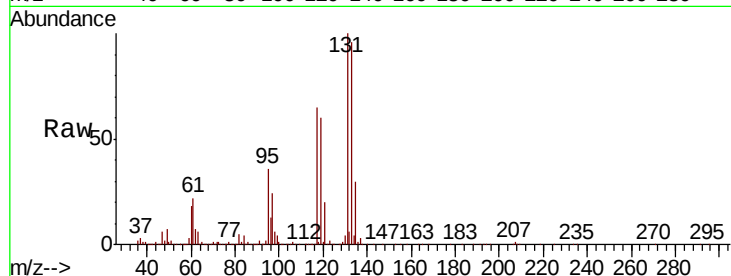
Tot Ion:131 Resp: 135240

Ion Ratio Lower Upper

131 100

133 95.1 0.0 189.8

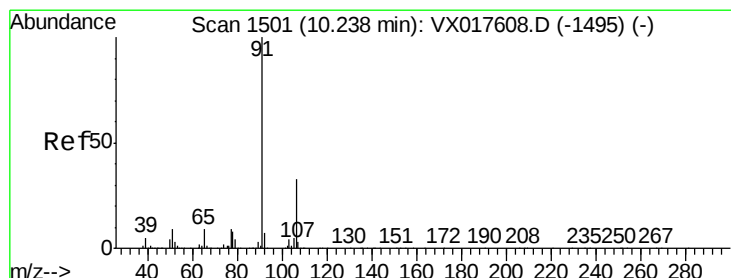
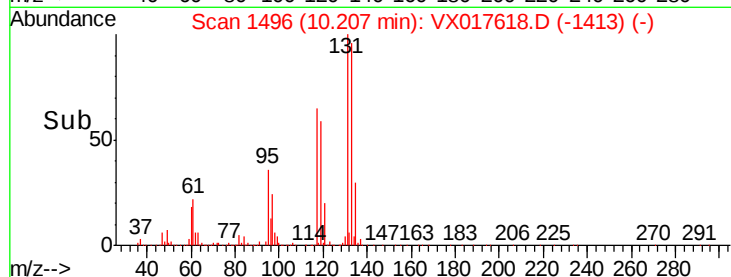
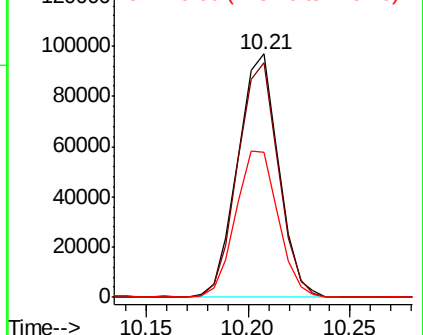
119 62.2 0.0 119.6



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: 18.505 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017618.D

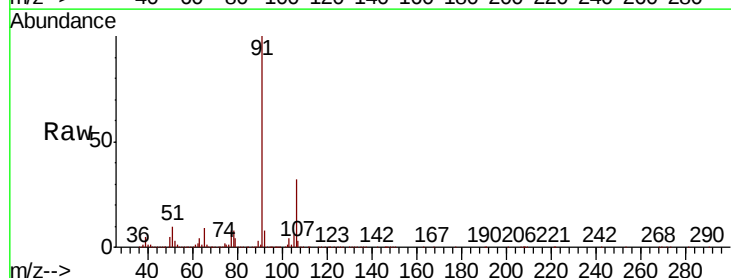
Acq: 27 Jul 2020 15:13

Tgt Ion: 91 Resp: 547341

Ion Ratio Lower Upper

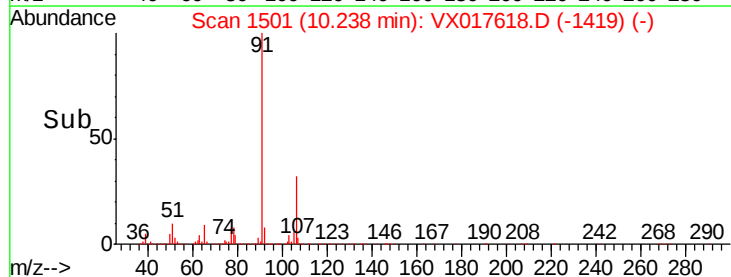
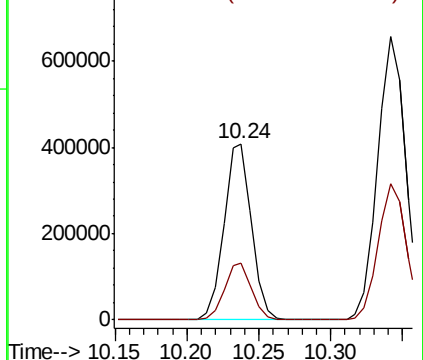
91 100

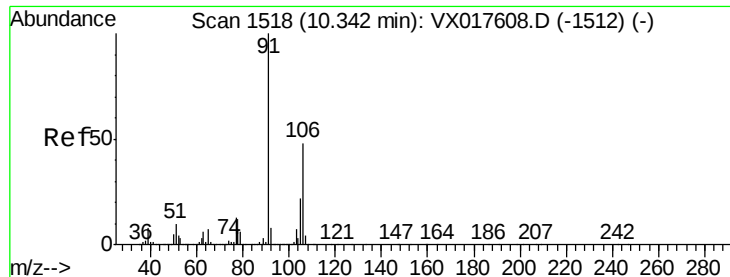
106 32.0 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 38.101 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

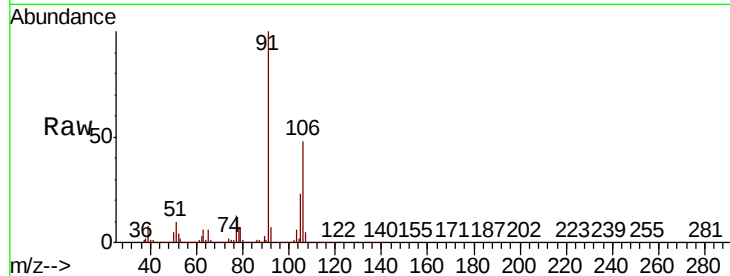
VX0727WBS01

Tot Ion:106 Resp: 422209

Ion Ratio Lower Upper

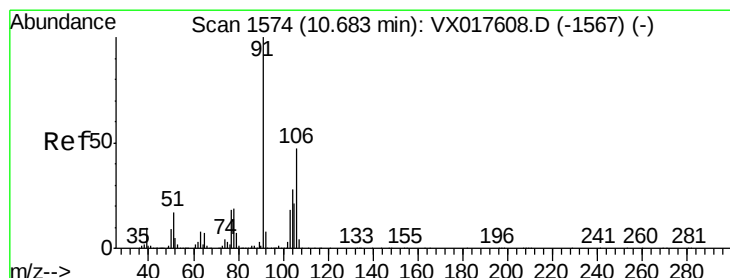
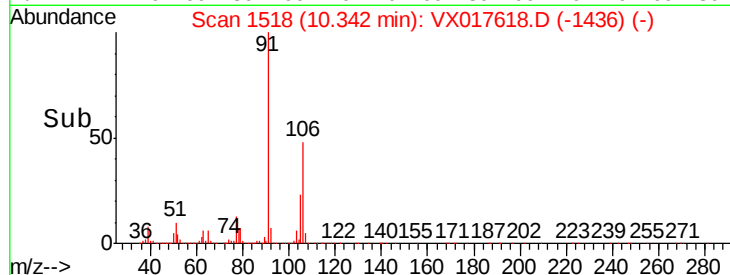
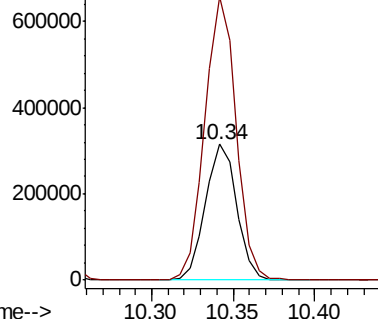
106 100

91 207.1 166.6 249.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.130 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017618.D

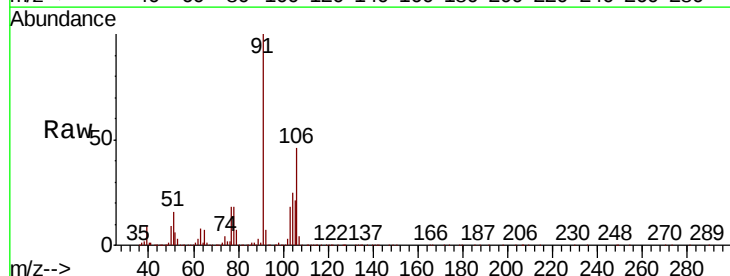
Acq: 27 Jul 2020 15:13

Tgt Ion:106 Resp: 199582

Ion Ratio Lower Upper

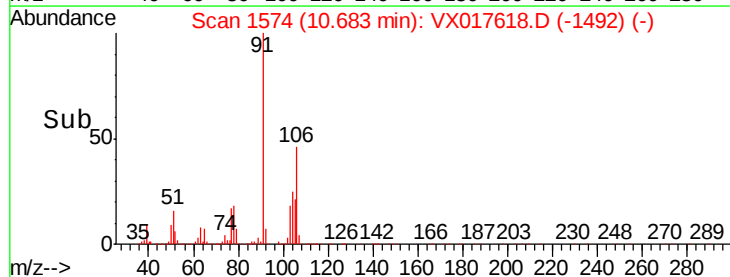
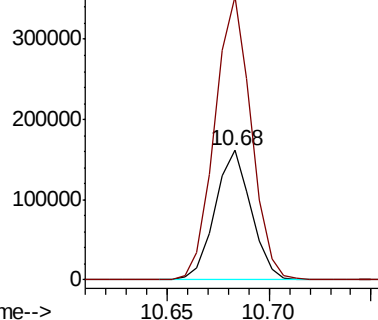
106 100

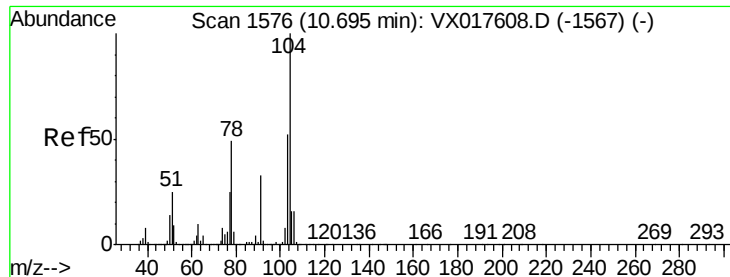
91 219.1 105.8 317.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

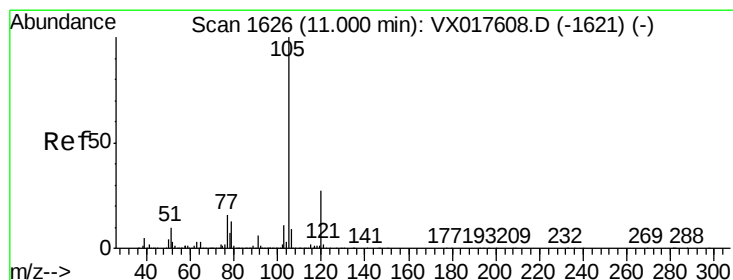
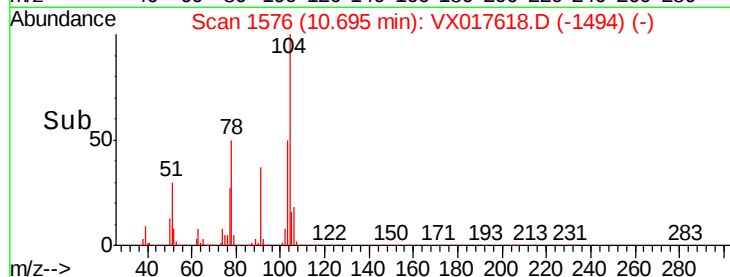
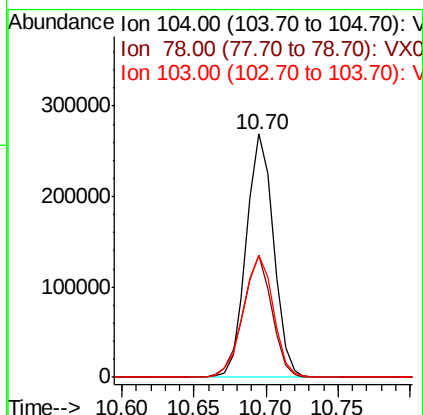
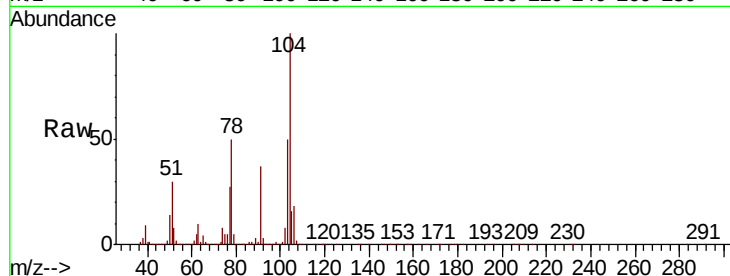




#69
Stvrene
Concen: 18.423 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

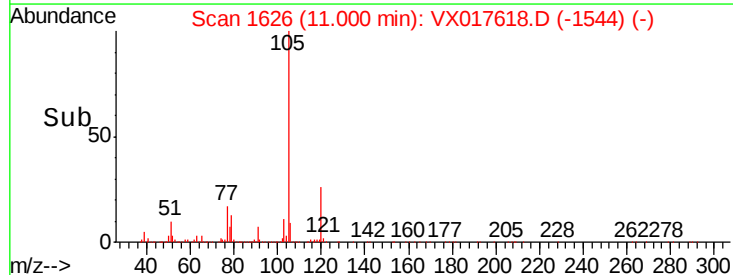
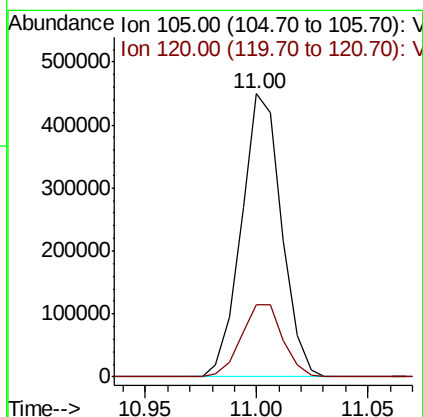
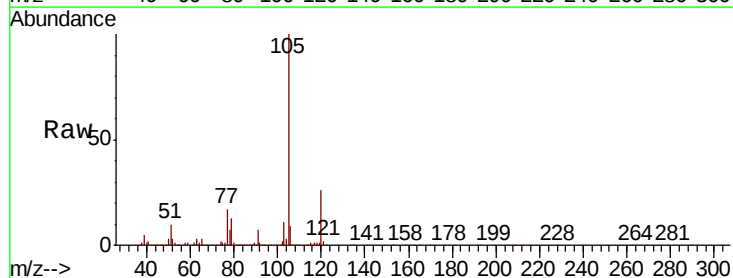
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

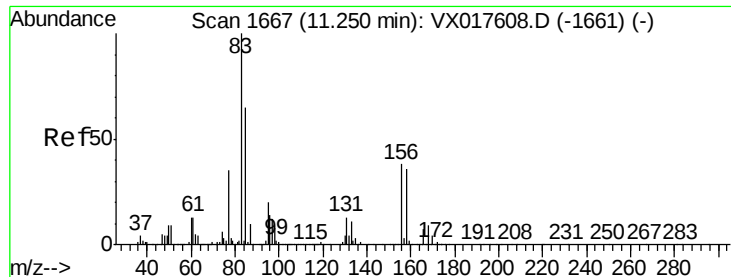
Tot Ion:104 Resp: 353590
Ion Ratio Lower Upper
104 100
78 52.9 41.7 62.5
103 55.4 43.4 65.2



#70
Isopropylbenzene
Concen: 17.592 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion:105 Resp: 565657
Ion Ratio Lower Upper
105 100
120 26.6 18.7 34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 19.314 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

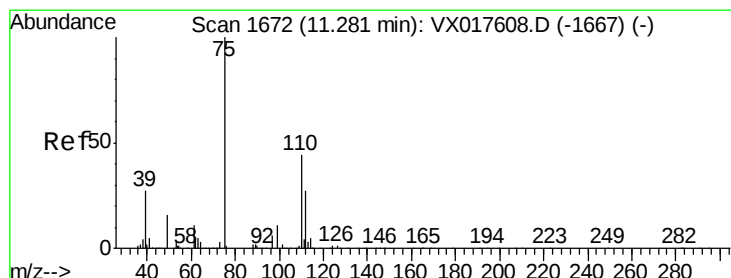
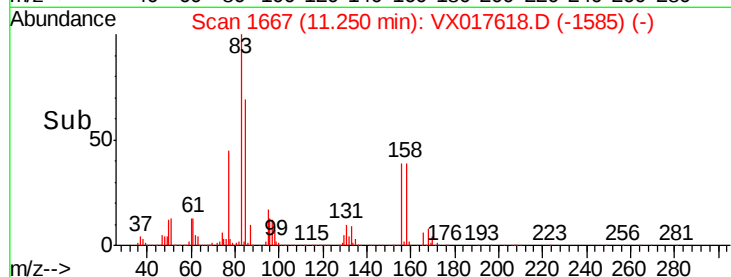
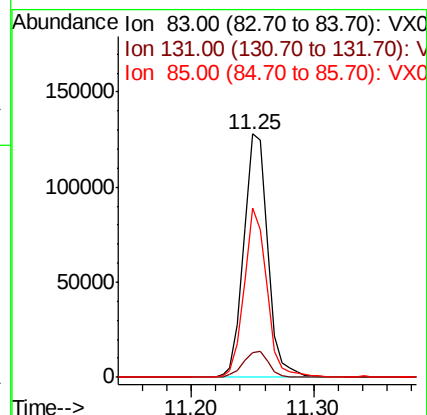
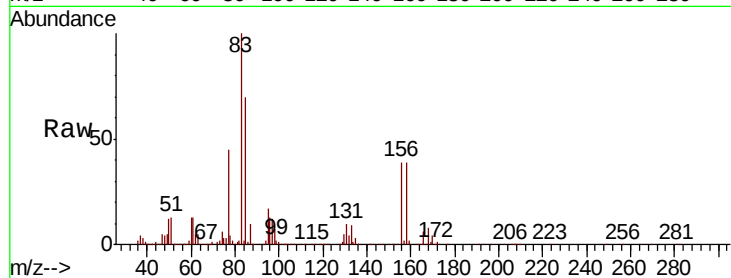
Tot Ion: 83 Resp: 173088

Ion Ratio Lower Upper

83 100

131 11.3 5.9 17.8

85 65.6 32.7 98.1



#72

1,2,3-Trichloropropane

Concen: 24.040 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017618.D

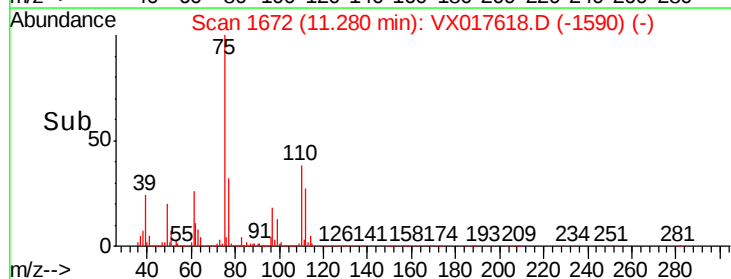
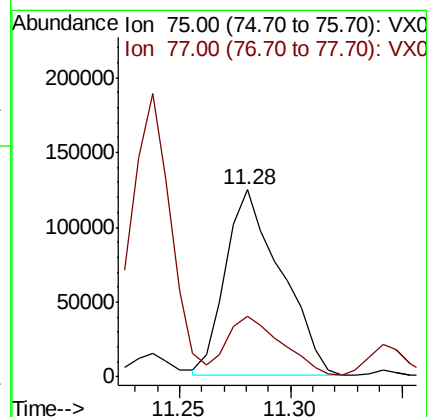
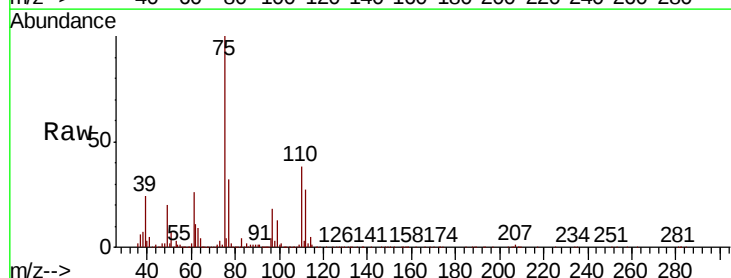
Acq: 27 Jul 2020 15:13

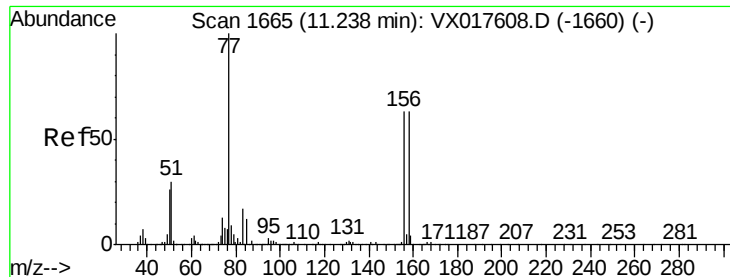
Tgt Ion: 75 Resp: 215999

Ion Ratio Lower Upper

75 100

77 31.8 0.0 73.2





#73

Bromobenzene

Concen: 18.080 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

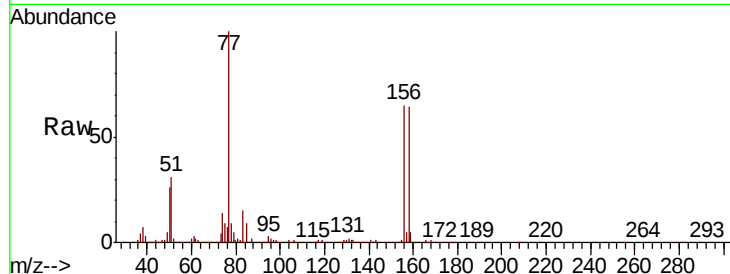
Tot Ion:156 Resp: 153546

Ion Ratio Lower Upper

156 100

77 152.5 0.0 302.0

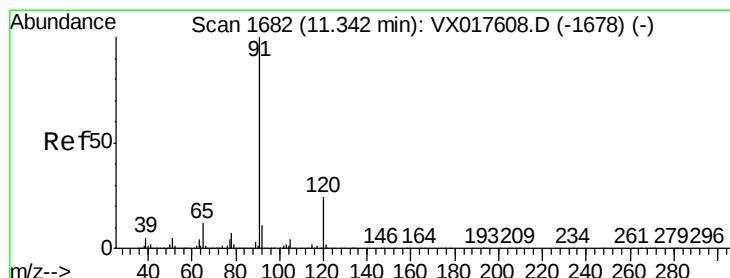
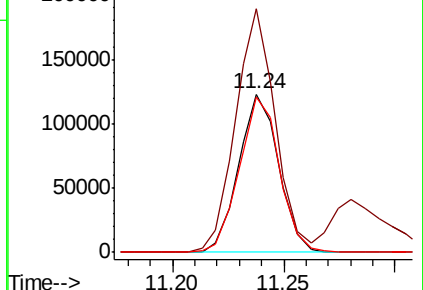
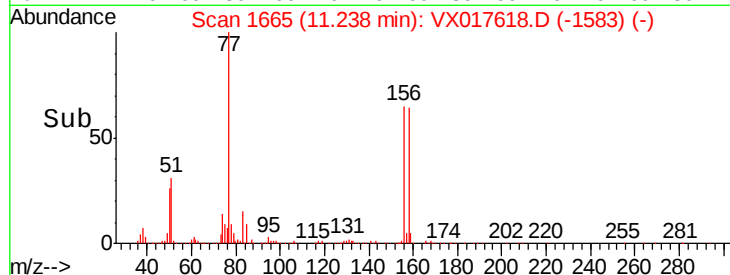
158 98.8 0.0 199.6



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: 18.090 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017618.D

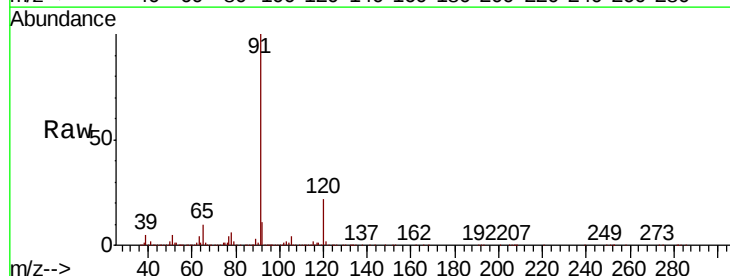
Acq: 27 Jul 2020 15:13

Tgt Ion: 91 Resp: 655609

Ion Ratio Lower Upper

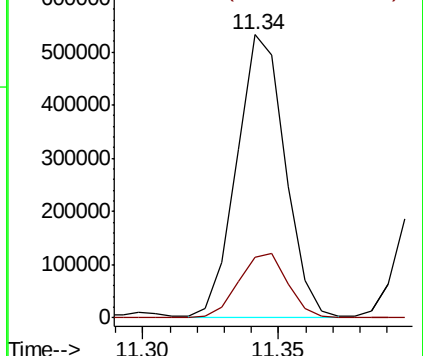
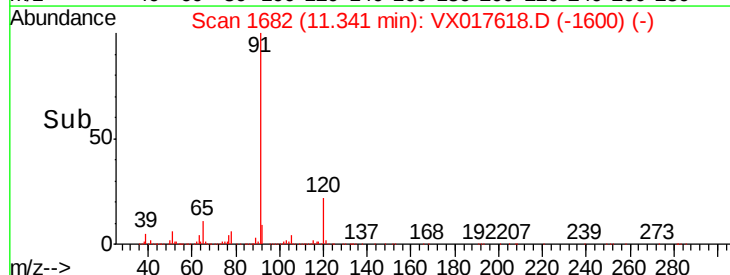
91 100

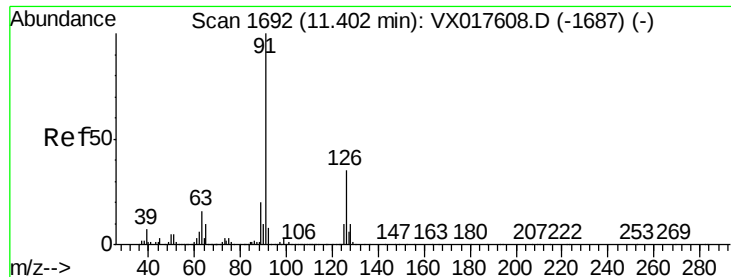
120 23.0 0.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.116 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

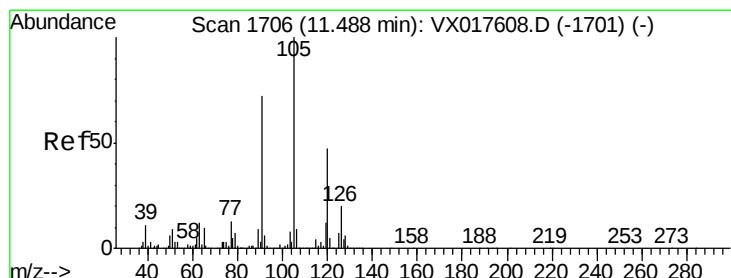
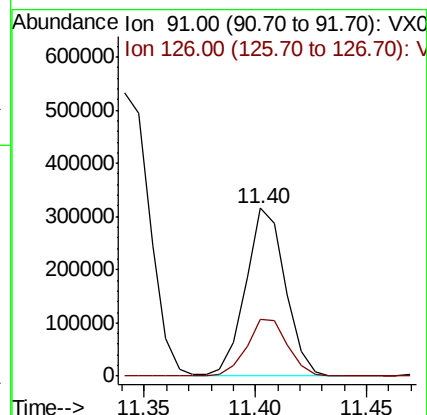
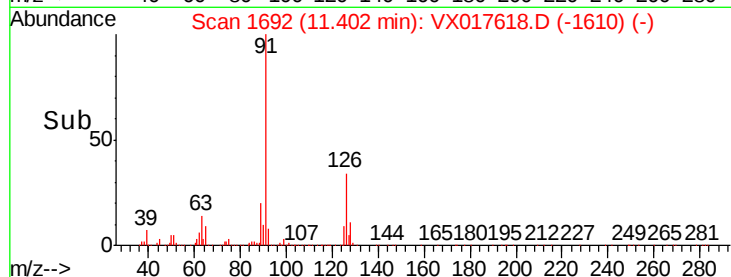
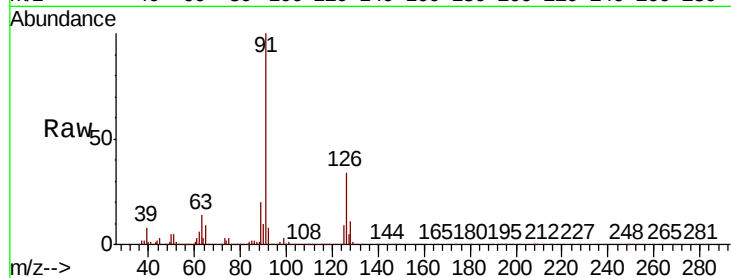
VX0727WBS01

Tot Ion: 91 Resp: 395050

Ion Ratio Lower Upper

91 100

126 34.5 0.0 67.8



#76

1,3,5-Trimethylbenzene

Concen: 18.222 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017618.D

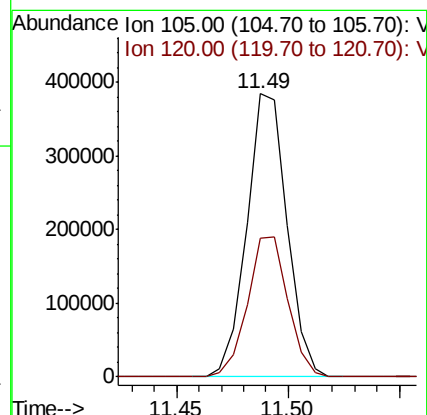
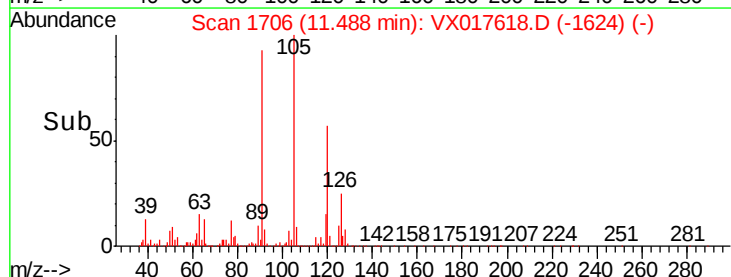
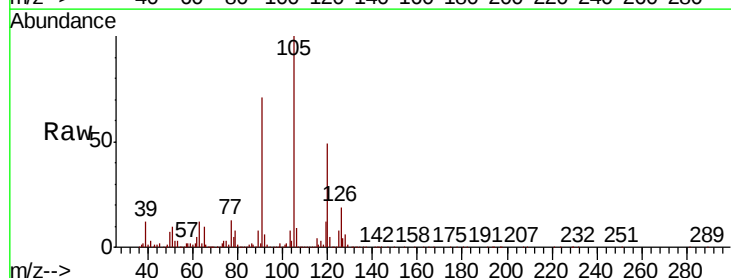
Acq: 27 Jul 2020 15:13

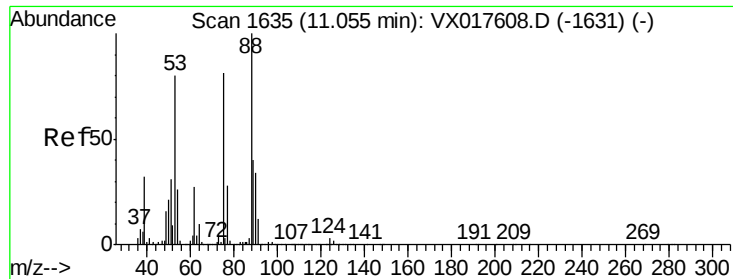
Tgt Ion: 105 Resp: 485081

Ion Ratio Lower Upper

105 100

120 49.8 0.0 95.8

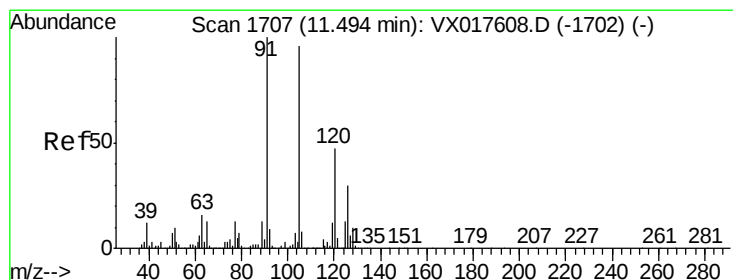
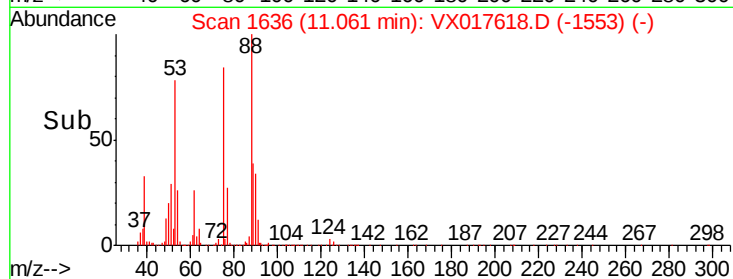
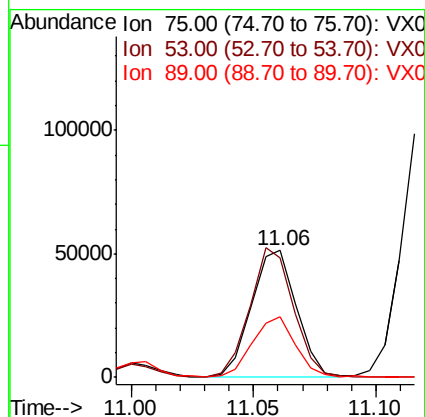
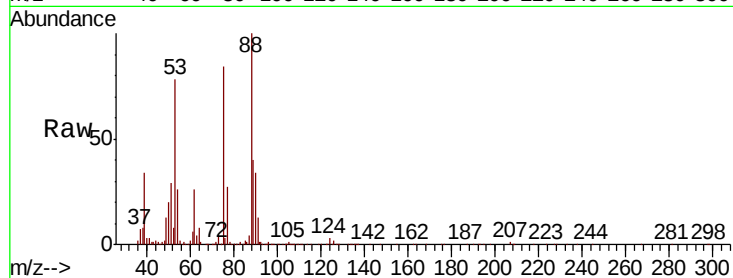




#77
t-1,4-Dichloro-2-butene
Concen: 17.931 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

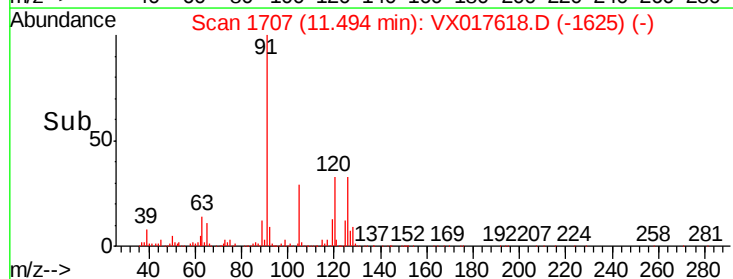
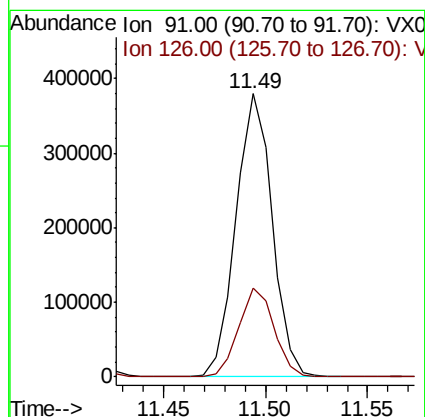
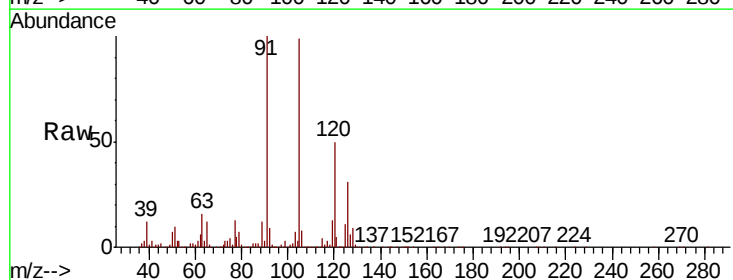
Instrument :
MSVOA_X
ClientSampled :
VX0727WBS01

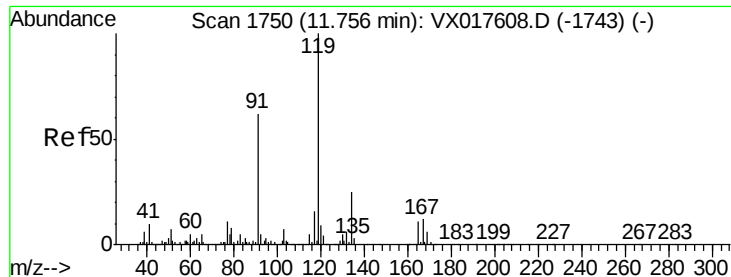
Tot Ion: 75 Resp: 65558
Ion Ratio Lower Upper
75 100
53 93.4 49.0 147.0
89 46.7 24.4 73.2



#78
4-Chlorotoluene
Concen: 18.319 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion: 91 Resp: 465636
Ion Ratio Lower Upper
91 100
126 30.9 0.0 60.8

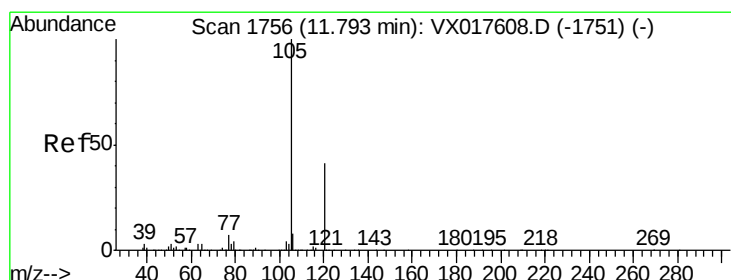
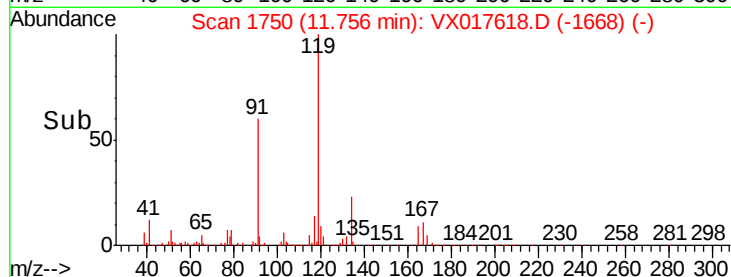
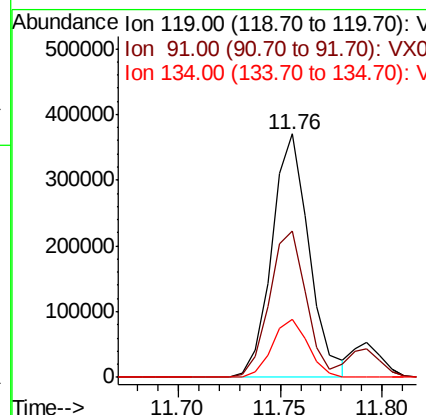
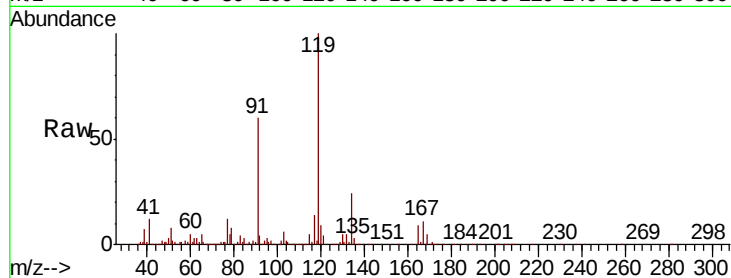




#79
tert-butylbenzene
Concen: 18.045 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

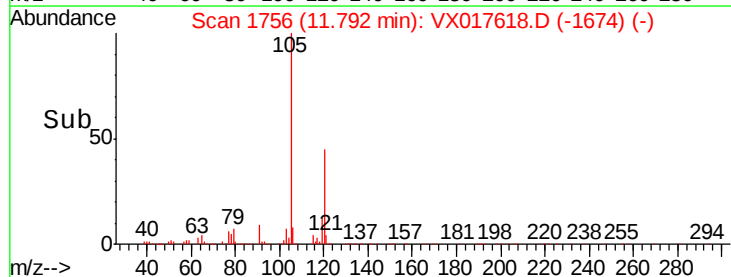
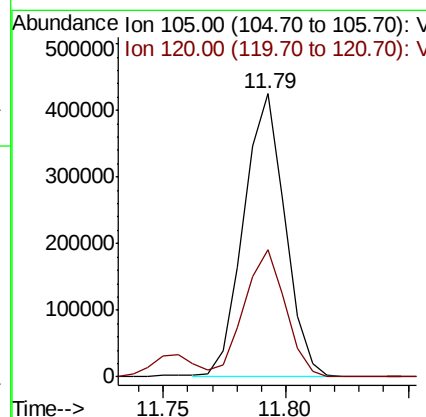
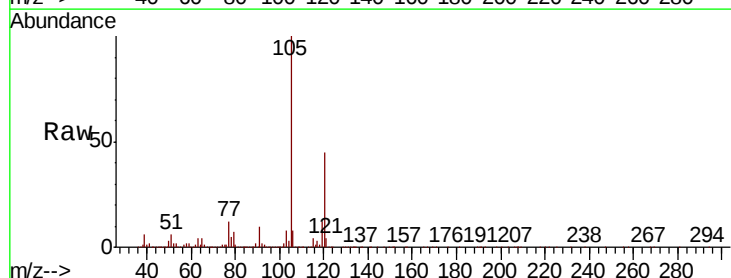
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

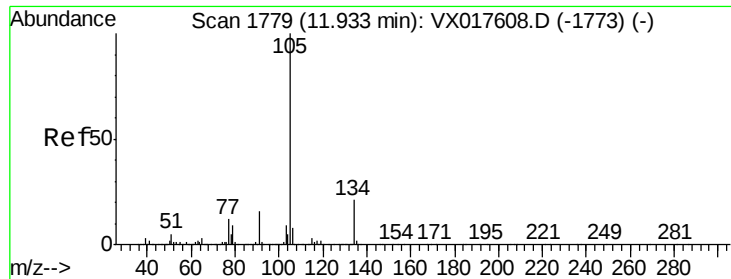
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.1	0.0	121.0
134	23.0	0.0	45.0



#80
1,2,4-Trimethylbenzene
Concen: 18.077 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	0.0	90.0

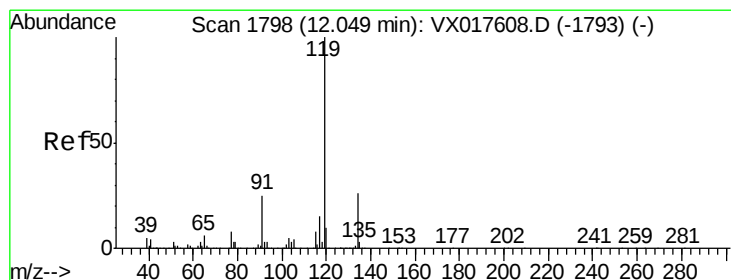
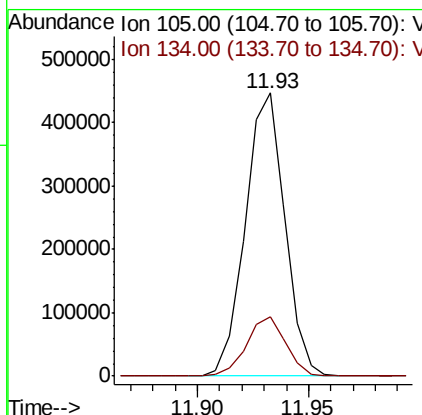
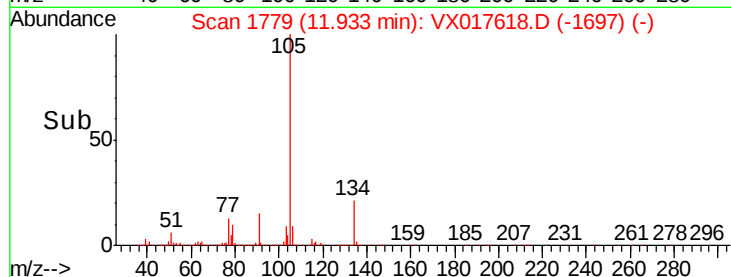
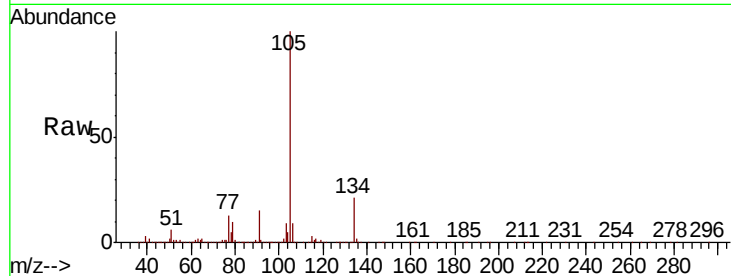




#81
 sec-Butylbenzene
 Concen: 17.761 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

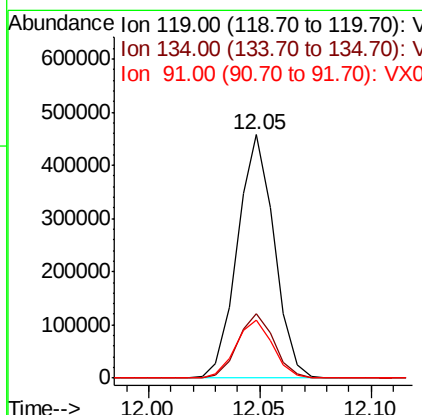
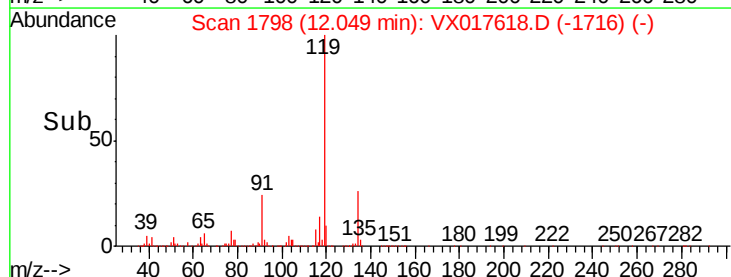
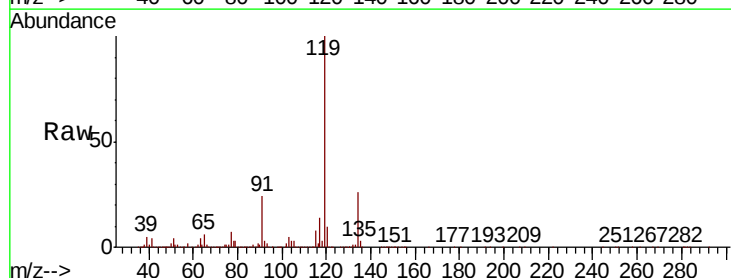
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

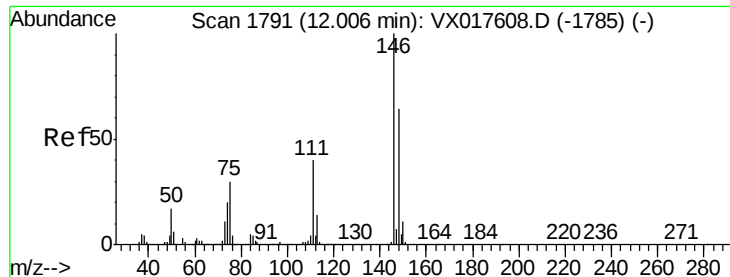
Tot Ion:105 Resp: 552789
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 18.249 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion:119 Resp: 527159
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 52.6
 91 23.8 0.0 48.2





#83

1,3-Dichlorobenzene

Concen: 18.481 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

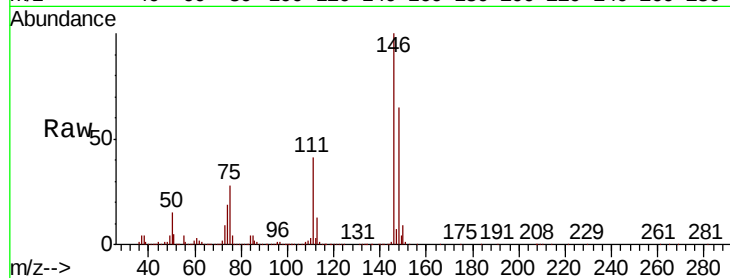
Tot Ion:146 Resp: 281394

Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.7

148 62.4 32.6 98.0

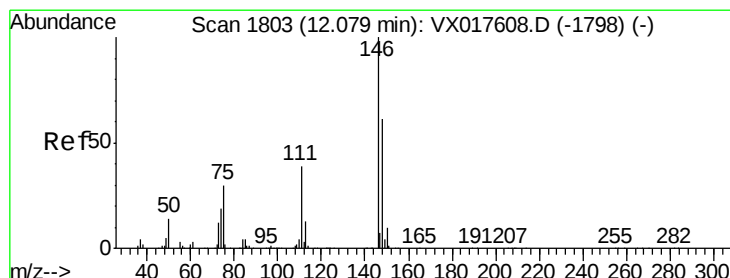
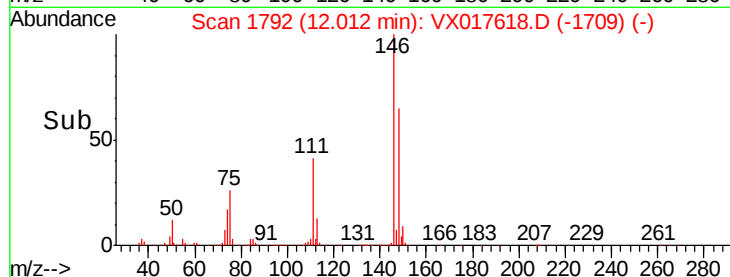
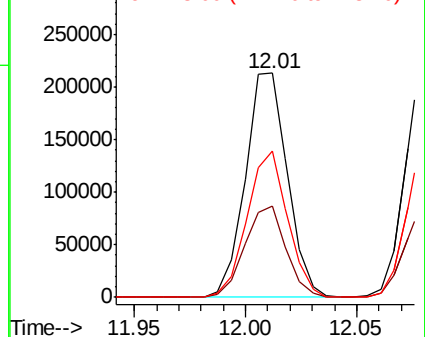


Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 18.634 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

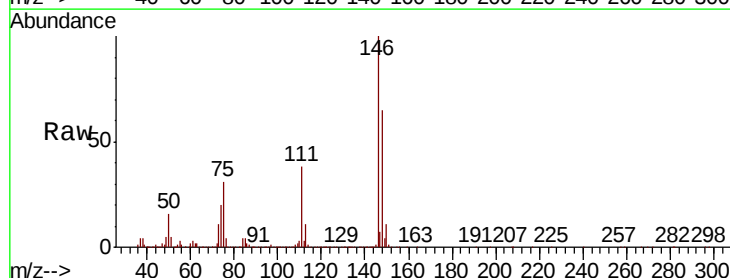
Tgt Ion:146 Resp: 282303

Ion Ratio Lower Upper

146 100

111 37.7 18.7 56.1

148 63.8 31.6 94.8

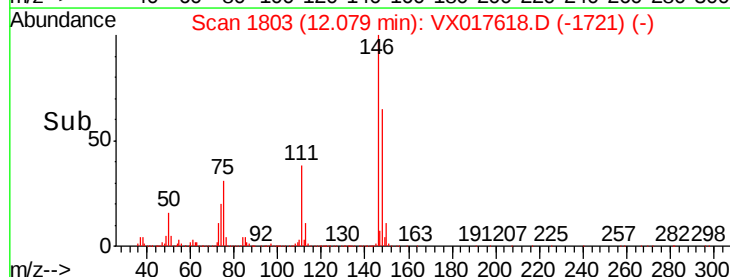
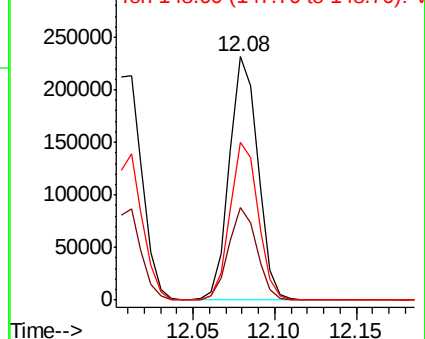


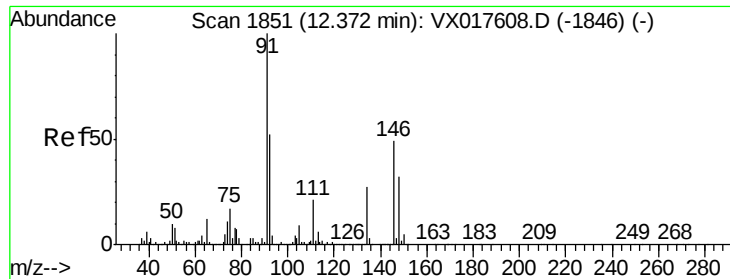
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

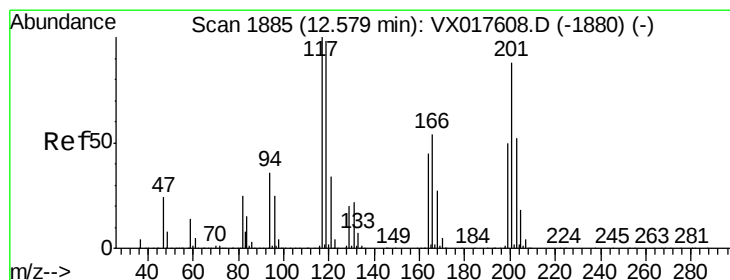
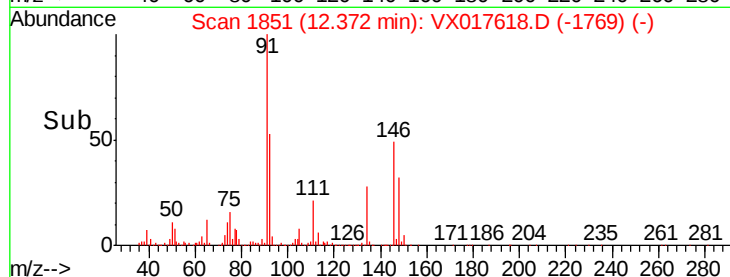
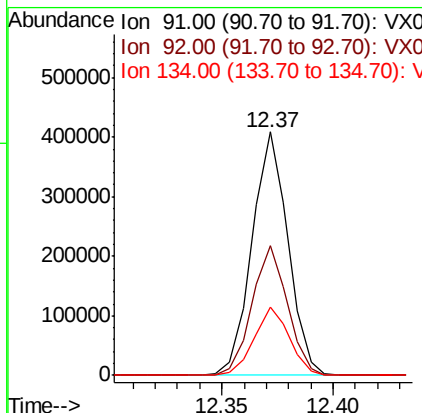
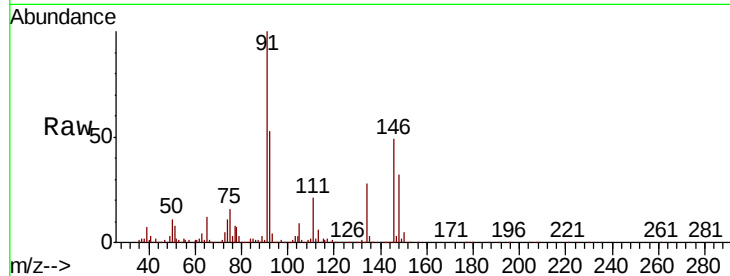




#85
n-Butylbenzene
Concen: 16.692 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

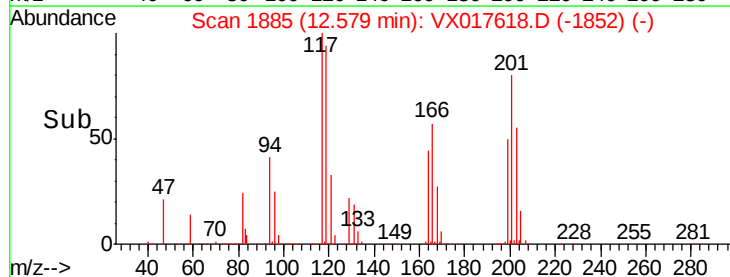
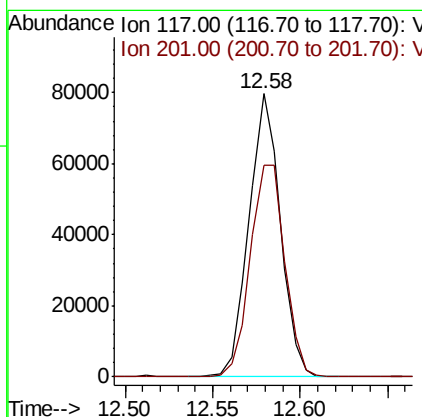
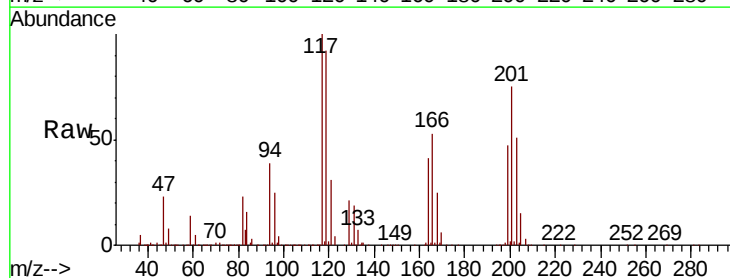
Instrument :
MSVOA_X
ClientSampled :
VX0727WBS01

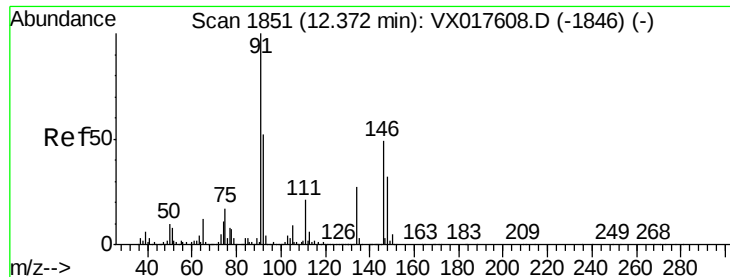
Tot Ion: 91 Resp: 460317
Ion Ratio Lower Upper
91 100
92 52.5 0.0 104.0
134 27.5 0.0 55.0



#86
Hexachloroethane
Concen: 16.543 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion: 117 Resp: 99482
Ion Ratio Lower Upper
117 100
201 82.4 43.1 129.3





#87

1,2-Dichlorobenzene

Concen: 17.658 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

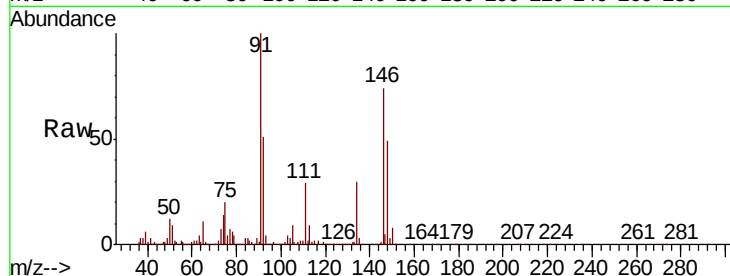
Tot Ion:146 Resp: 269560

Ion Ratio Lower Upper

146 100

111 41.3 20.7 62.1

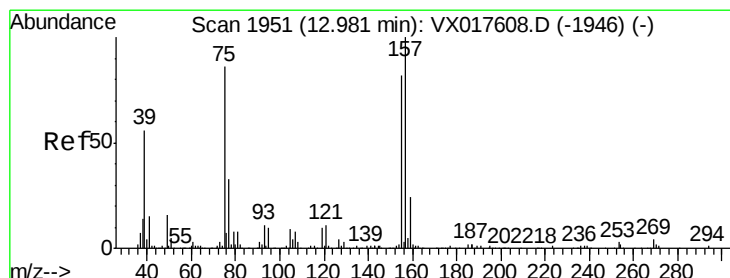
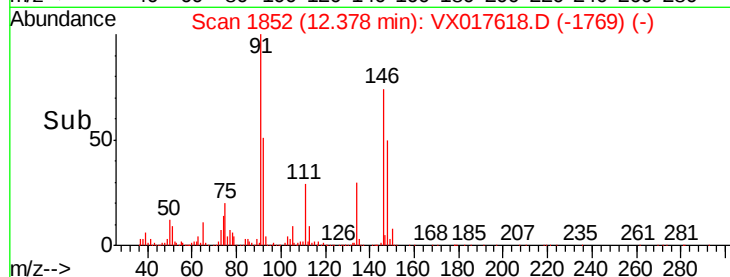
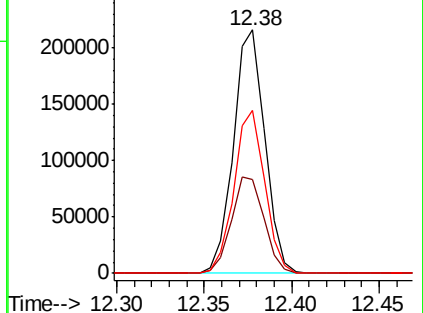
148 65.3 32.3 96.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.638 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

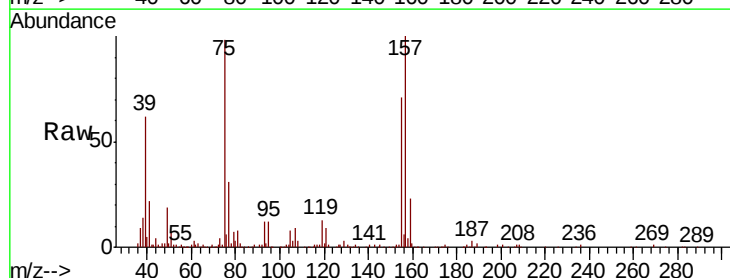
Tgt Ion: 75 Resp: 44643

Ion Ratio Lower Upper

75 100

155 80.0 69.5 104.3

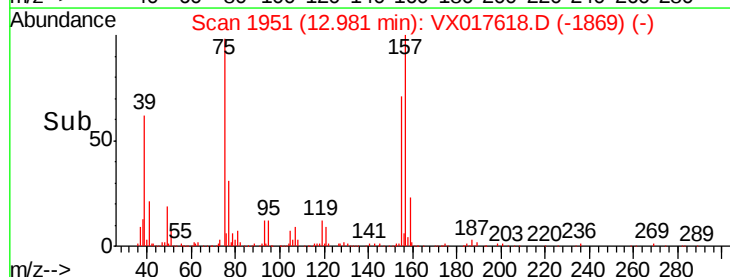
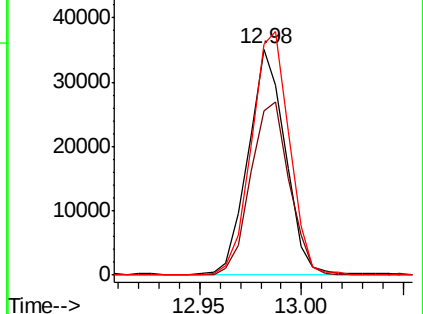
157 109.4 88.2 132.4

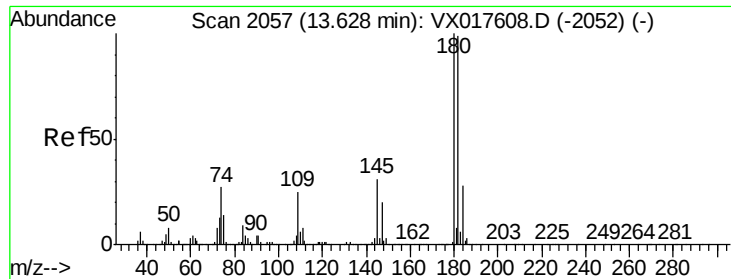


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

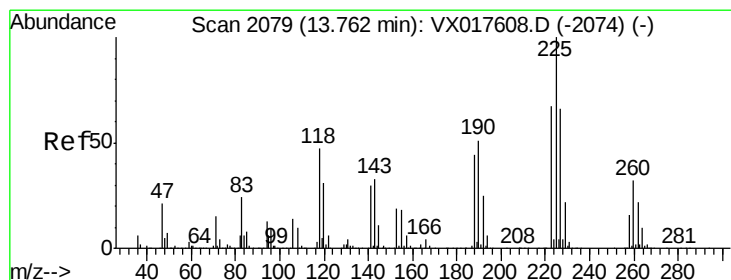
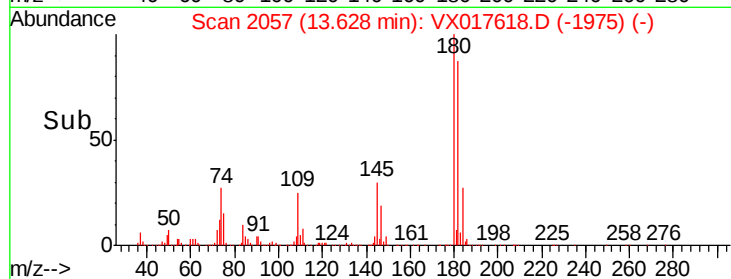
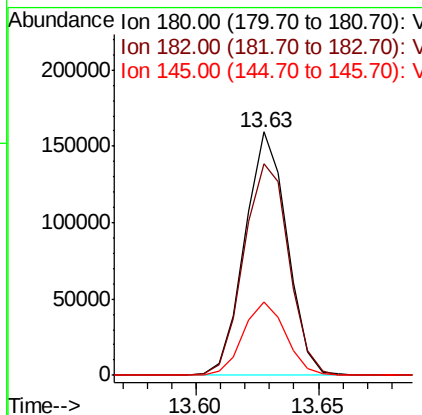
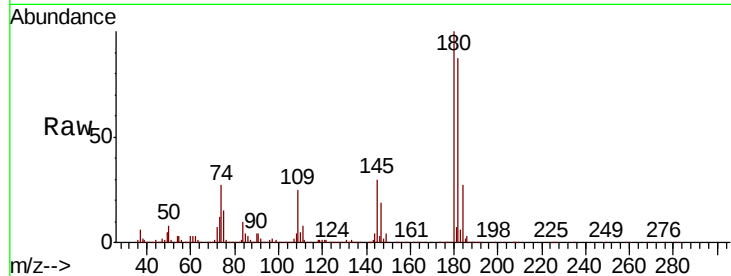




#89
 1,2,4-Trichlorobenzene
 Concen: 17.105 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

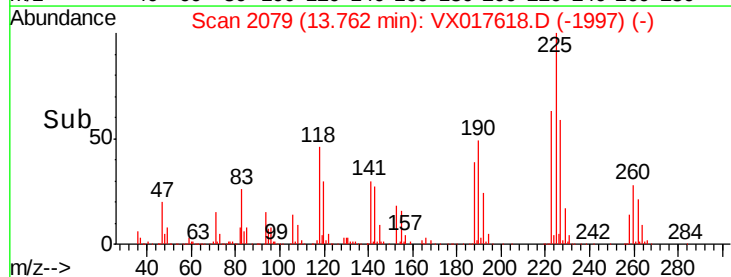
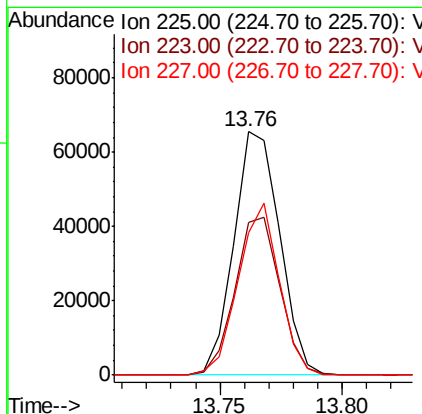
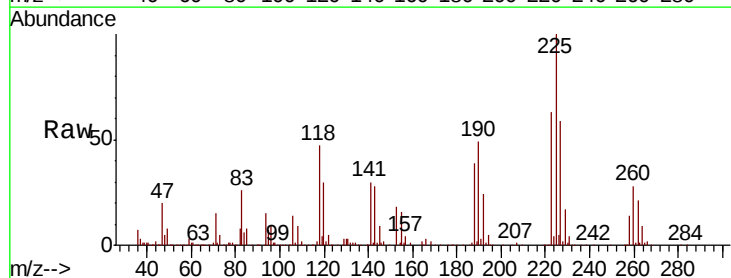
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

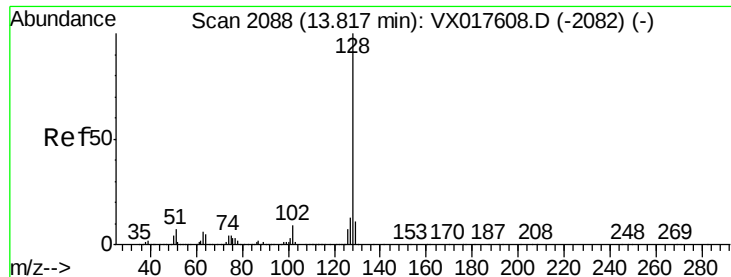
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.4	116.0
145	30.4	24.9	37.3



#90
 Hexachlorobutadiene
 Concen: 16.751 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	0.0	130.8
227	63.8	0.0	127.2





#91

Naphthalene

Concen: 17.306 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

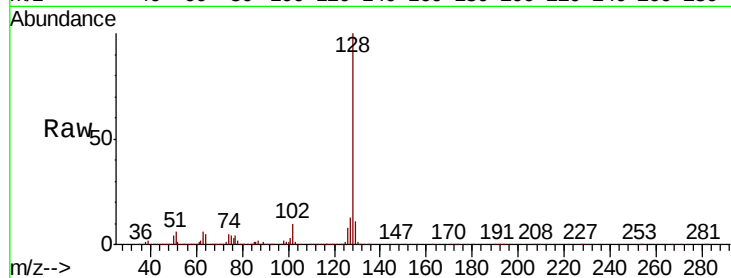
Tot Ion:128 Resp: 571964

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

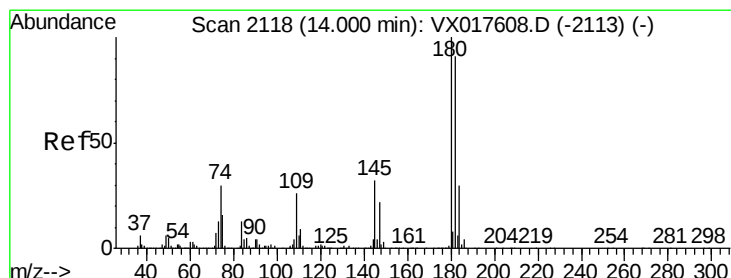
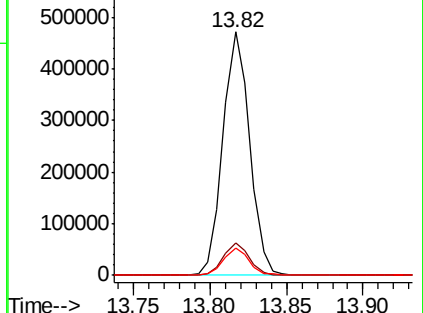
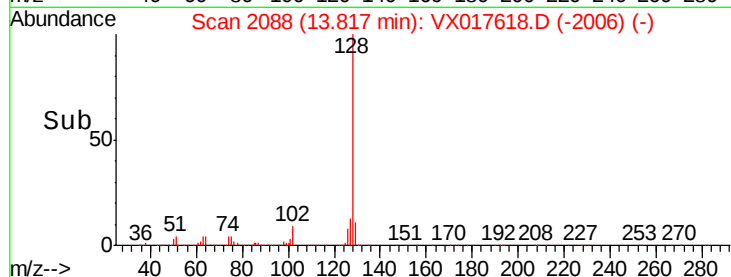
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 17.268 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

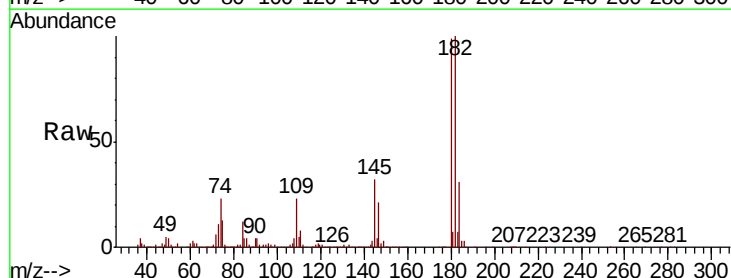
Tgt Ion:180 Resp: 184561

Ion Ratio Lower Upper

180 100

182 101.0 0.0 190.2

145 32.9 0.0 63.8



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

