

Data File : VX017277.D
Acq On : 08 Jul 2020 23:47
Operator : JC/SP
Sample : VX0708WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

Quant Time: Jul 09 05:00:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	49665	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	262674	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	252329	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	109794	28.40	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.67%
60) 4-Bromofluorobenzene	11.12	95	127255	30.24	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.80%
63) Toluene-d8	8.70	98	321057	28.86	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	55786	23.099	ug/l 99
3) Chloromethane	1.31	50	59060	18.033	ug/l 99
4) Vinyl Chloride	1.39	62	61607	18.446	ug/l 97
5) Bromomethane	1.63	94	43278	17.996	ug/l 99
6) Chloroethane	1.72	64	41246	19.148	ug/l 95
7) Trichlorofluoromethane	1.92	101	107154	19.728	ug/l 100
8) Diethyl Ether	2.17	74	36924	18.682	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59582	20.668	ug/l 90
10) 1,1-Dichloroethene	2.36	96	59792	21.030	ug/l 95
11) Methyl Iodide	2.49	142	61971	16.324	ug/l 98
12) Methyl Acetate	2.75	43	81453	22.712	ug/l 100
13) Acrolein	2.27	56	50185	88.681	ug/l 98
14) Acrylonitrile	3.12	53	182627	107.515	ug/l 99
15) Acetone	2.42	58	48387	110.075	ug/l 97
16) Carbon Disulfide	2.55	76	165554	18.523	ug/l 98
17) Allyl chloride	2.71	41	104972	19.722	ug/l 97
18) Methylene Chloride	2.84	84	70673	20.637	ug/l 93
19) trans-1,2-Dichloroethene	3.14	96	67555	20.971	ug/l 99
20) Diisopropyl ether	3.82	45	212491	19.977	ug/l 98
21) 1,1-Dichloroethane	3.67	63	119288	20.338	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	74808	20.857	ug/l 93
23) tert-Butyl Alcohol	3.01	59	74249	98.679	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	216214	21.298	ug/l 98
25) Chloroform	5.18	83	125903	21.172	ug/l 99
26) Cyclohexane	5.55	56	94210	18.413	ug/l # 96
29) 1,1-Dichloropropene	5.77	75	88772	20.746	ug/l 98
30) 2-Butanone	4.64	43	249213	111.733	ug/l 99
31) 2,2-Dichloropropane	4.55	77	87877	17.907	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	115404	22.288	ug/l 98
33) Carbon Tetrachloride	5.75	117	105944	23.072	ug/l 96
34) Benzene	6.12	78	265434	21.304	ug/l 96
35) Methacrylonitrile	5.01	41	52987	21.526	ug/l 93
36) 1,2-Dichloroethane	6.16	62	102713	21.525	ug/l 99
37) Trichloroethene	7.19	130	78024	22.949	ug/l 87
38) Methylcyclohexane	7.44	83	90869	18.647	ug/l 98
39) 1,2-Dichloropropane	7.49	63	65675	20.232	ug/l 98
40) Dibromomethane	7.64	93	48263	21.573	ug/l 89

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Instrument :
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ClientSampleId :
VX0708WBSD02

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	100200	21.629	ug/l	91
42) Vinyl Acetate	3.79	43	927029	103.139	ug/l	99
43) Ethyl Acetate	4.80	43	97721	21.151	ug/l	100
44) Isopropyl Acetate	6.42	43	153711	20.185	ug/l	97
45) 1,4-Dioxane	7.71	88	30387	395.528	ug/l	96
46) Methyl methacrylate	7.74	41	74144	21.039	ug/l	96
47) n-amyl Acetate	10.88	43	132149	19.632	ug/l	94
48) t-1,3-Dichloropropene	9.02	75	105547	20.606	ug/l	95
49) cis-1,3-Dichloropropene	8.42	75	112926	20.978	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	69558	22.278	ug/l	99
51) Ethyl methacrylate	9.16	69	101360	21.153	ug/l	96
52) 1,3-Dichloropropane	9.35	76	117452	21.911	ug/l	98
53) Dibromochloromethane	9.57	129	82989	23.125	ug/l	99
54) 1,2-Dibromoethane	9.65	107	75208	22.700	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	242824	96.300	ug/l	97
56) Bromoform	10.84	173	65326	25.644	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	488988	105.205	ug/l	97
59) 2-Hexanone	9.47	43	370525	106.815	ug/l	97
61) Tetrachloroethene	9.32	164	79105	24.582	ug/l	88
62) Toluene	8.76	91	286846	20.784	ug/l	100
64) Chlorobenzene	10.12	112	187639	21.701	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	74574	22.911	ug/l	98
66) Ethyl Benzene	10.23	91	313512	20.485	ug/l	99
67) m/p-Xylenes	10.34	106	247108	42.800	ug/l	97
68) o-Xylene	10.68	106	117399	21.168	ug/l	98
69) Styrene	10.70	104	206403	21.736	ug/l	96
70) Isopropylbenzene	11.00	105	315767	20.992	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	100729	21.804	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	127108	28.651	ug/l	85
73) Bromobenzene	11.24	156	89267	23.514	ug/l	94
74) n-propylbenzene	11.34	91	363090	20.330	ug/l	99
75) 2-Chlorotoluene	11.40	91	223696	21.479	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	271447	21.499	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	35055	19.498	ug/l	97
78) 4-Chlorotoluene	11.49	91	264023	21.411	ug/l	99
79) tert-butylbenzene	11.76	119	262181	21.676	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	274000	21.616	ug/l	97
81) sec-Butylbenzene	11.93	105	298952	20.414	ug/l	99
82) p-Isopropyltoluene	12.05	119	277921	21.019	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	158958	23.366	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	161699	23.656	ug/l	98
85) n-Butylbenzene	12.37	91	227046	18.551	ug/l	98
86) Hexachloroethane	12.58	117	53910	20.833	ug/l	86
87) 1,2-Dichlorobenzene	12.38	146	149705	23.510	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	25440	24.204	ug/l	93
89) 1,2,4-Trichlorobenzene	13.63	180	97859	22.779	ug/l	99
90) Hexachlorobutadiene	13.76	225	38941	23.828	ug/l	99
91) Naphthalene	13.82	128	321749	22.849	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	99462	23.724	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070820\
Quantitation Report (Not Reviewed)

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Operator : JC/SP
Sample : VX0708WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

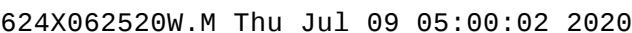
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

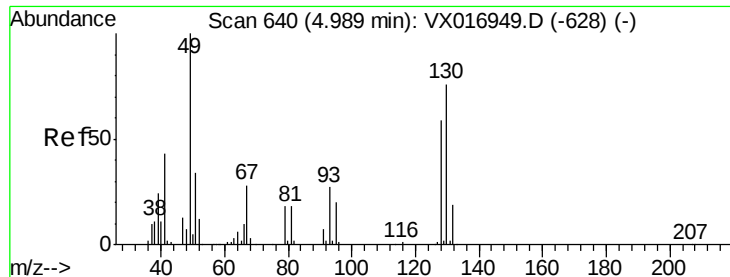
Quant Time: Jul 09 05:00:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Jul 09 05:00:58 2020
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QLast Update : Fri Jun 26 09:03:25 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

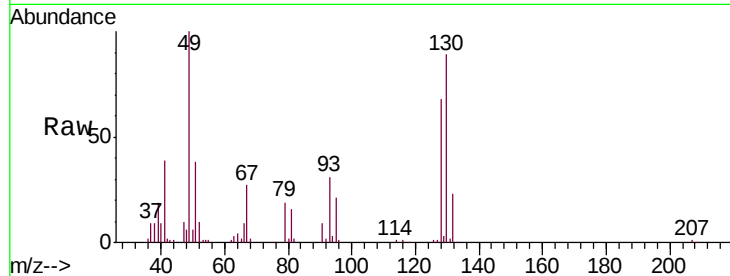
Tgt Ion:128 Resp: 49665

Ion Ratio Lower Upper

128 100

49 147.3 0.0 428.0

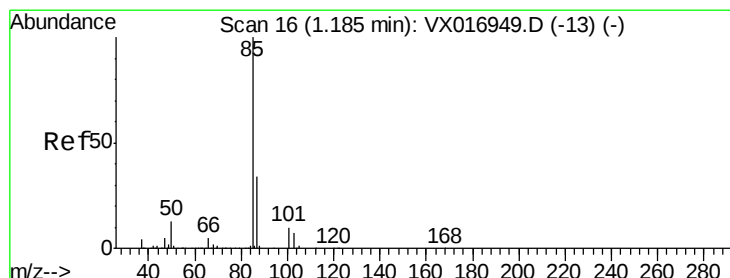
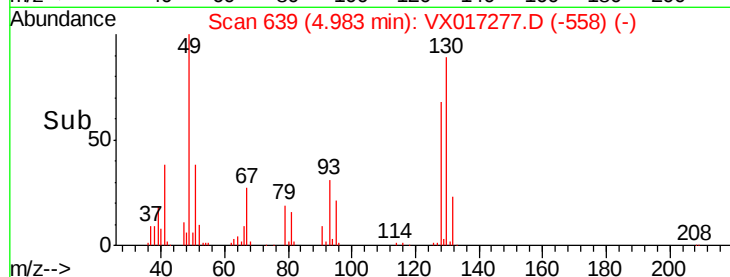
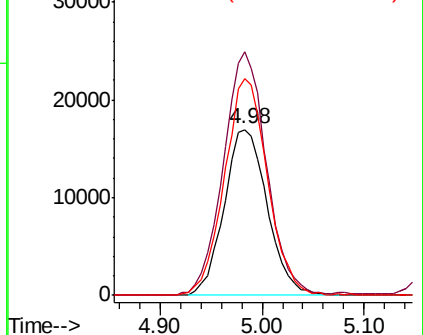
130 131.0 0.0 318.0



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: 23.099 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017277.D

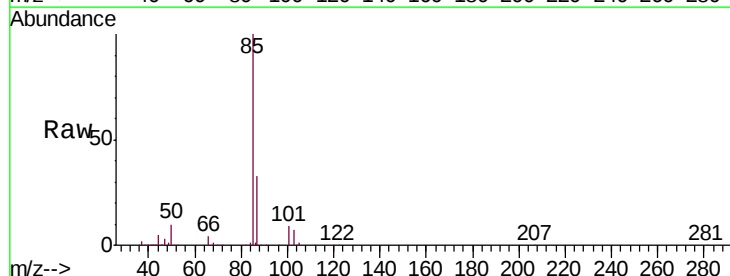
Acq: 08 Jul 2020 23:47

Tgt Ion: 85 Resp: 55786

Ion Ratio Lower Upper

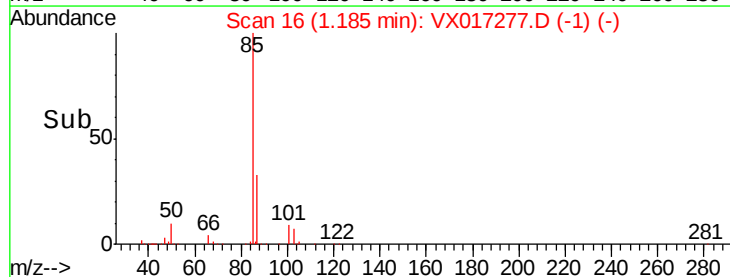
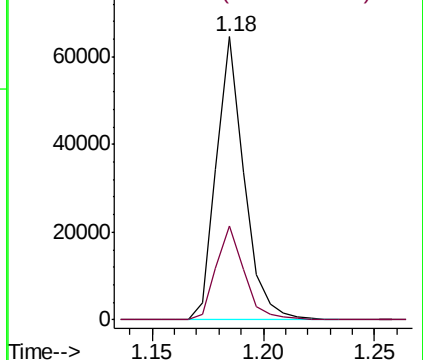
85 100

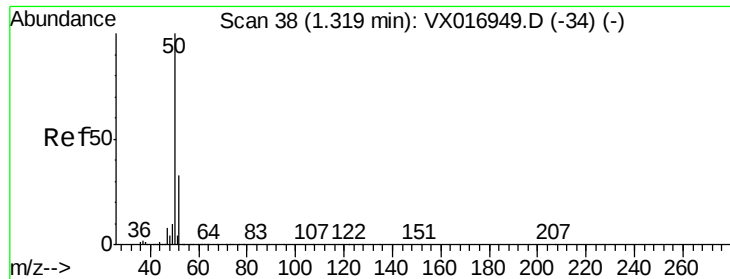
87 33.1 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.033 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

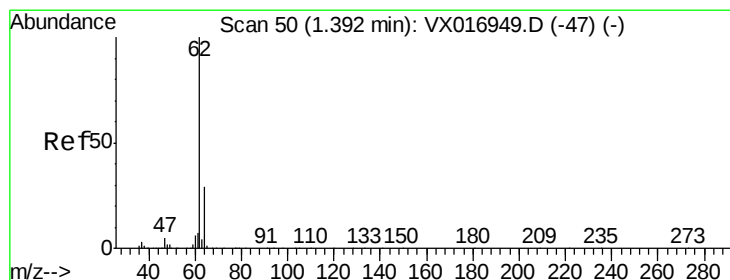
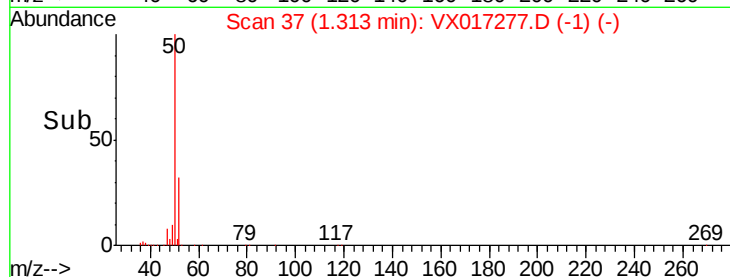
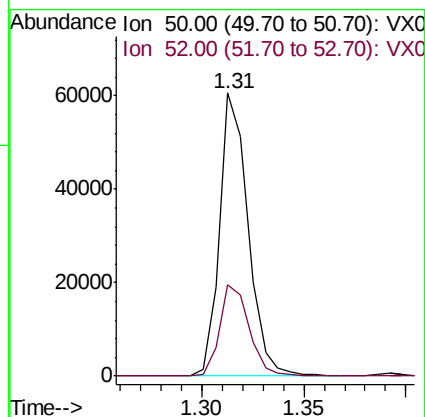
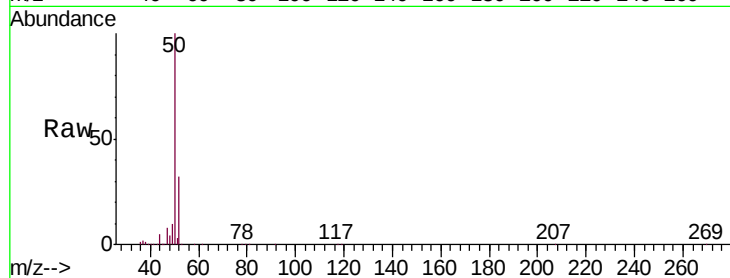
VX0708WBSD02

Tgt Ion: 50 Resp: 59060

Ion Ratio Lower Upper

50 100

52 32.5 26.5 39.7



#4

Vinyl Chloride

Concen: 18.446 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017277.D

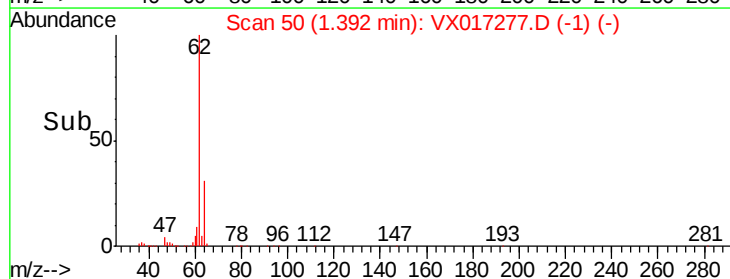
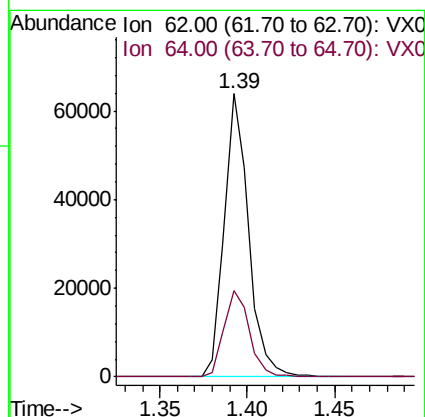
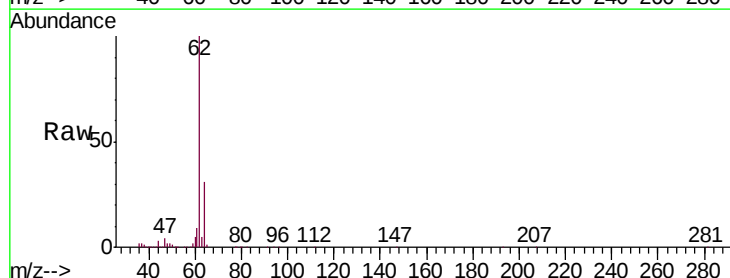
Acq: 08 Jul 2020 23:47

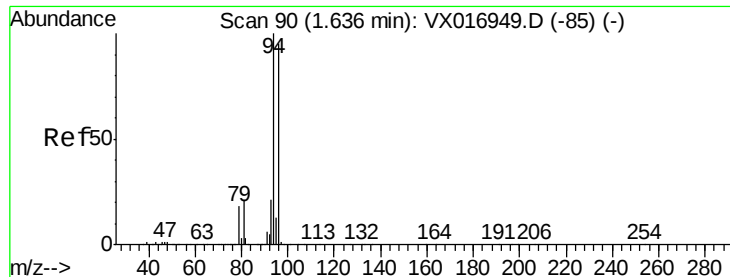
Tgt Ion: 62 Resp: 61607

Ion Ratio Lower Upper

62 100

64 30.7 23.4 35.0





#5

Bromomethane

Concen: 17.996 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

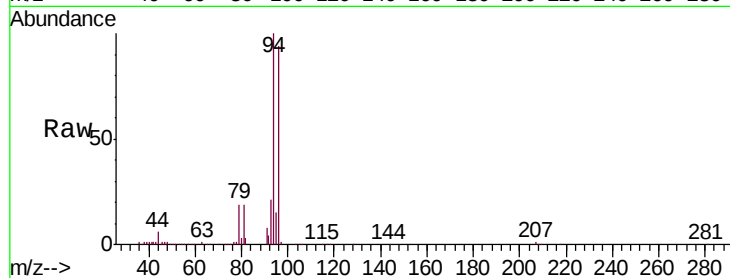
VX0708WBSD02

Tgt Ion: 94 Resp: 43278

Ion Ratio Lower Upper

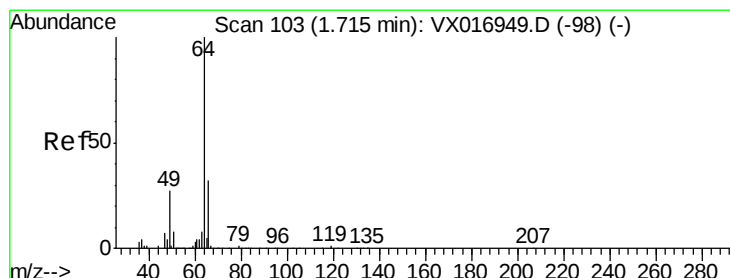
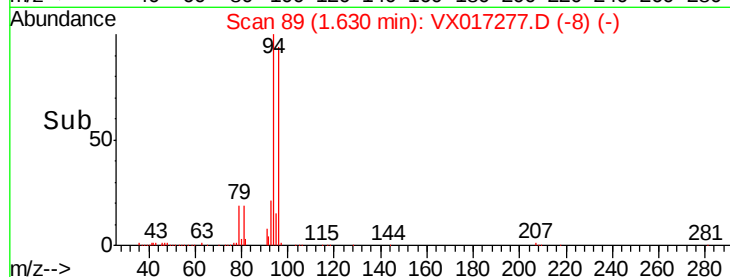
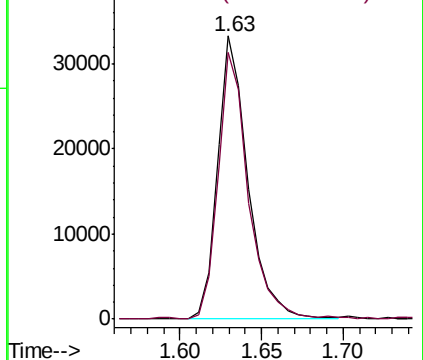
94 100

96 93.9 75.5 113.3



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.148 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX017277.D

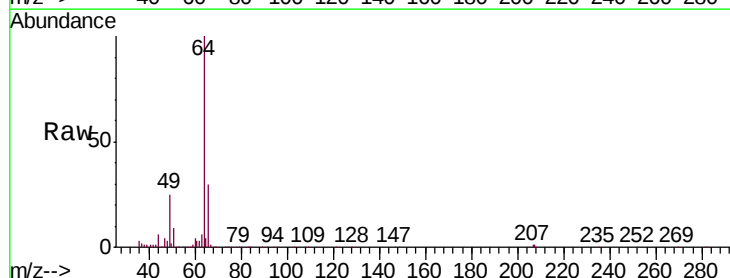
Acq: 08 Jul 2020 23:47

Tgt Ion: 64 Resp: 41246

Ion Ratio Lower Upper

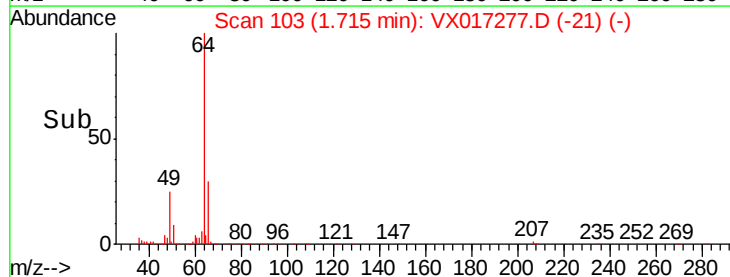
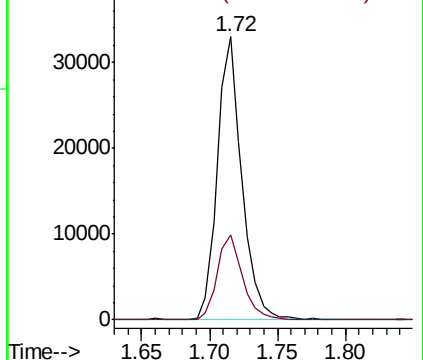
64 100

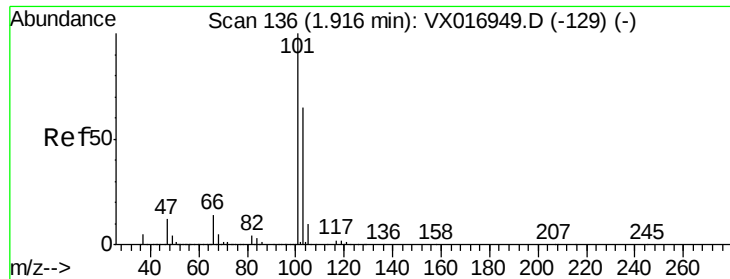
66 29.8 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



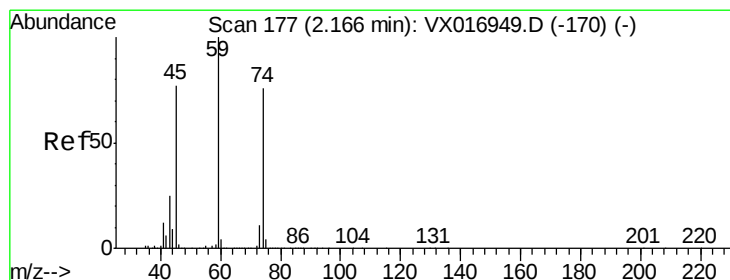
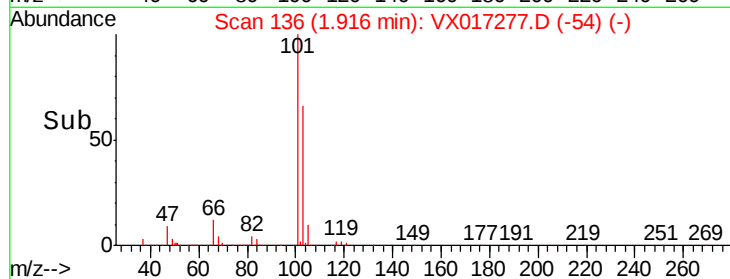
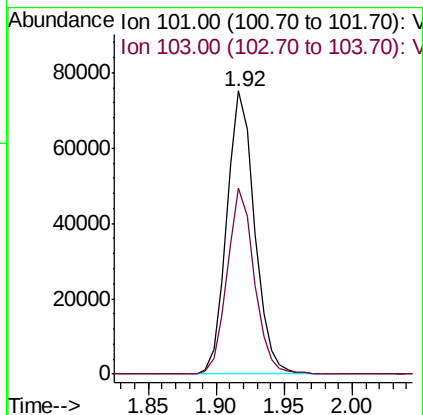
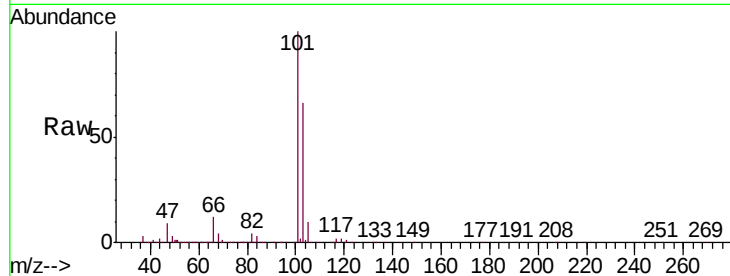


#7

Trichlorofluoromethane
 Concen: 19.728 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX017277.D
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Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD02

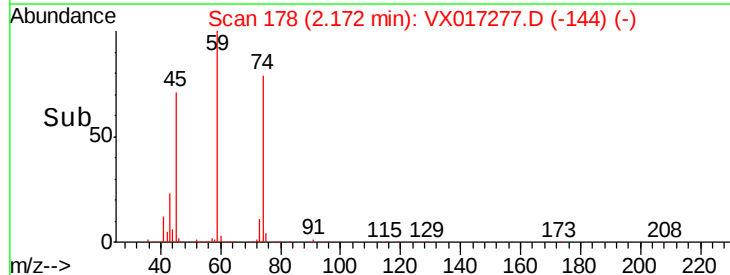
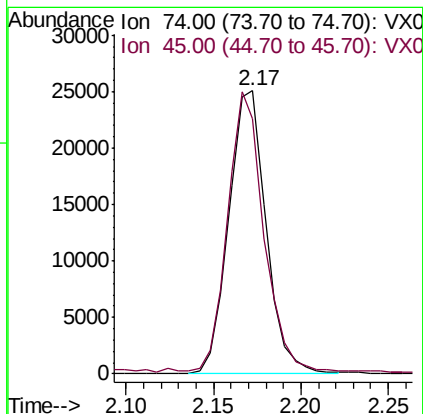
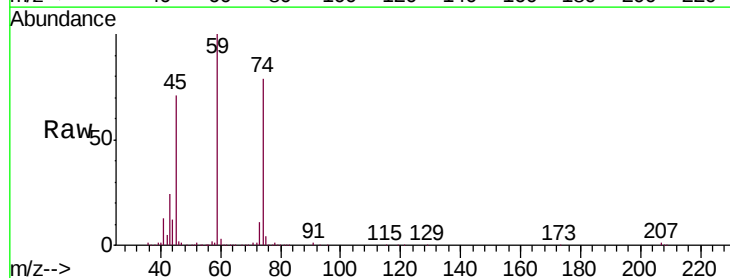
Tgt Ion:101 Resp: 107154
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.1 78.1

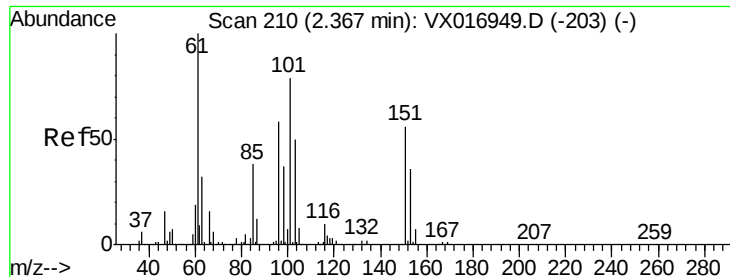


#8

Diethyl Ether
 Concen: 18.682 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Tgt Ion: 74 Resp: 36924
 Ion Ratio Lower Upper
 74 100
 45 96.8 19.8 178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.668 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

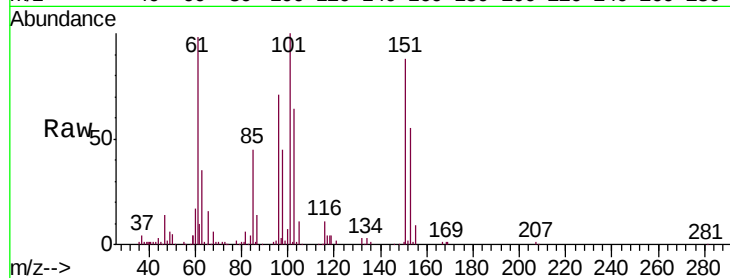
Tgt Ion:101 Resp: 59582

Ion Ratio Lower Upper

101 100

85 43.0 0.0 94.6

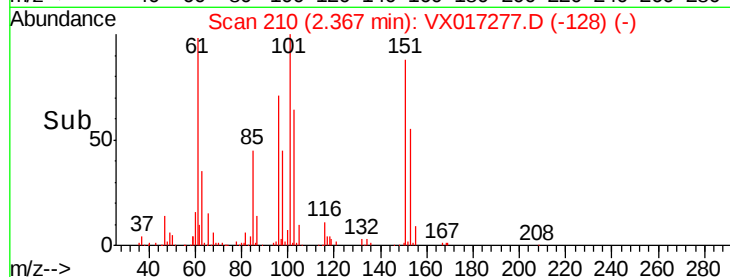
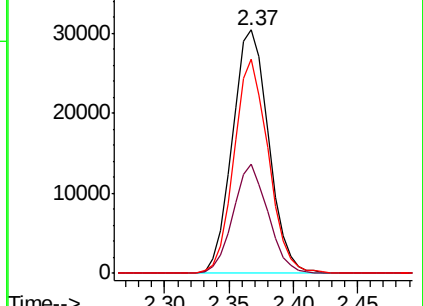
151 83.1 0.0 145.8



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: 21.030 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

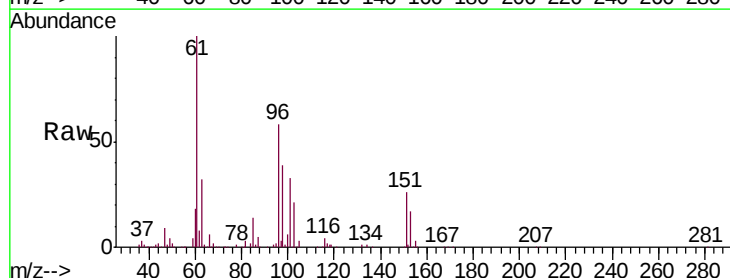
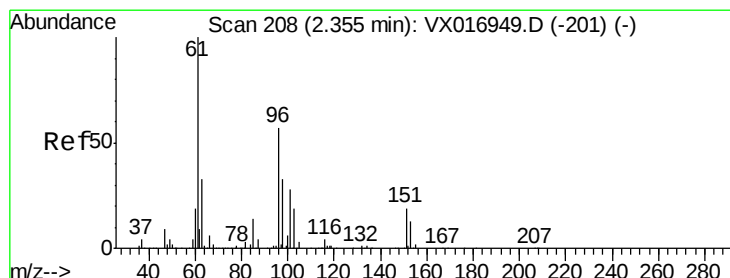
Tgt Ion: 96 Resp: 59792

Ion Ratio Lower Upper

96 100

61 172.7 141.3 211.9

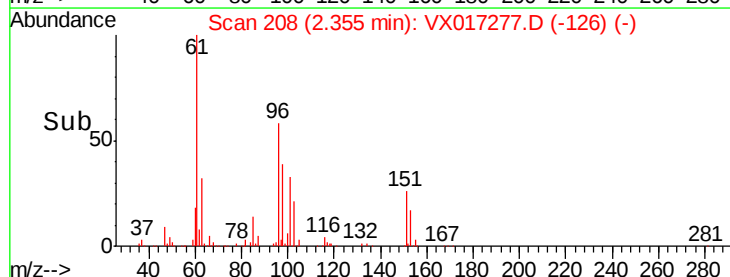
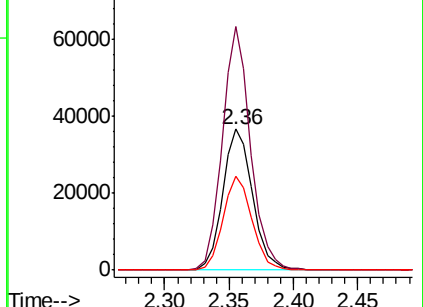
98 66.5 47.0 70.4

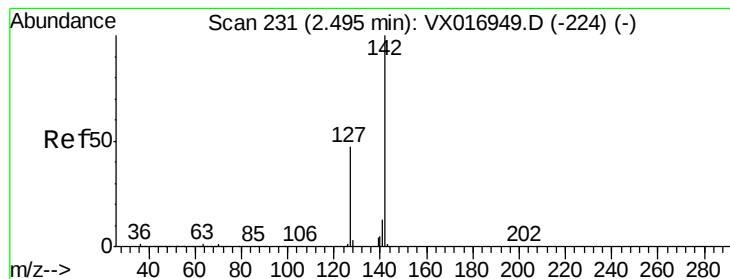


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methyl Iodide

Concen: 16.324 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

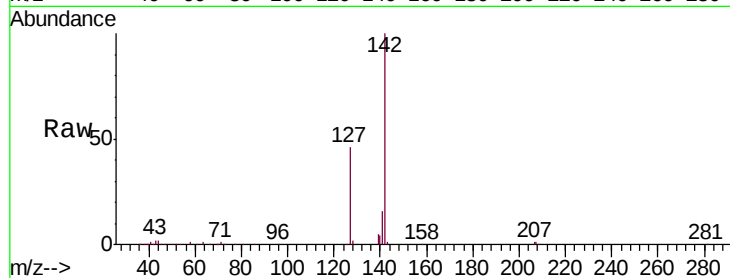
Tgt Ion:142 Resp: 61971

Ion Ratio Lower Upper

142 100

127 46.0 23.3 69.9

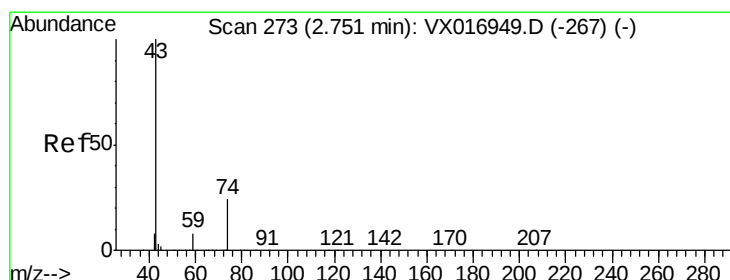
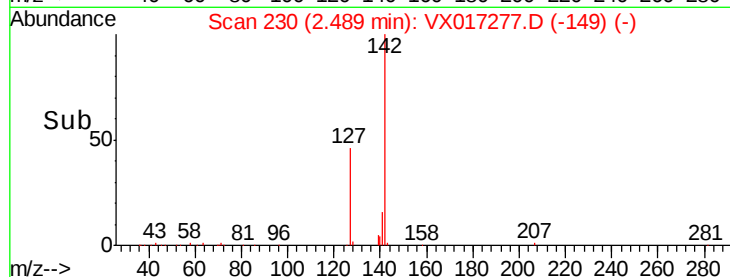
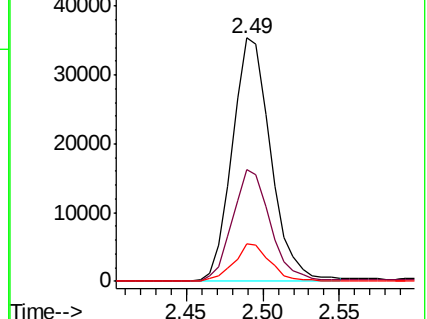
141 15.7 6.7 20.1



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 22.712 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017277.D

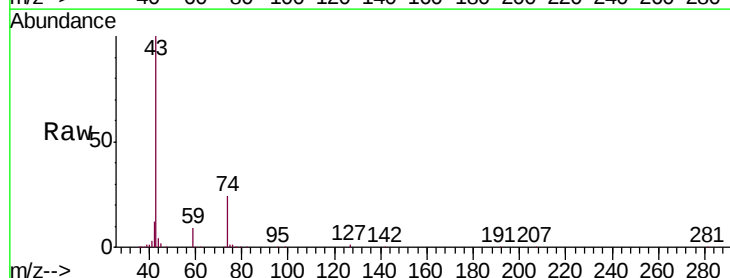
Acq: 08 Jul 2020 23:47

Tgt Ion: 43 Resp: 81453

Ion Ratio Lower Upper

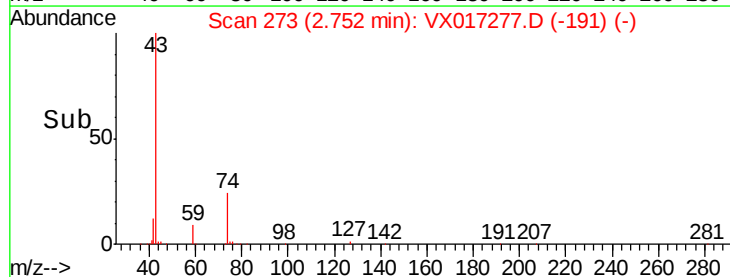
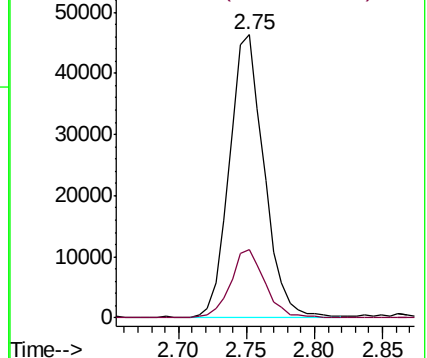
43 100

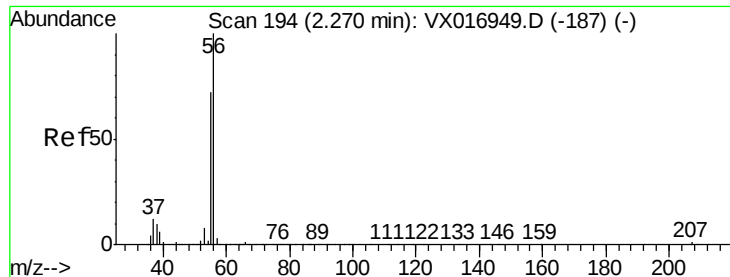
74 23.8 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 88.681 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

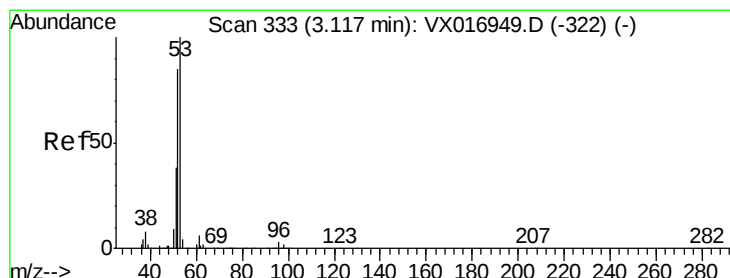
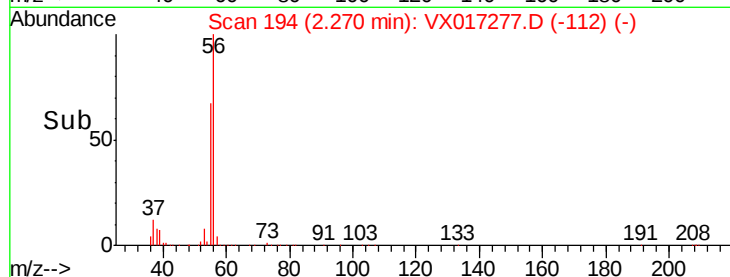
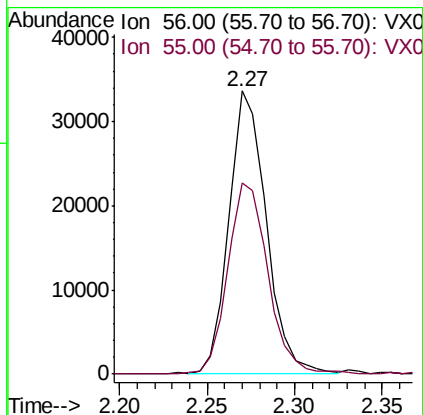
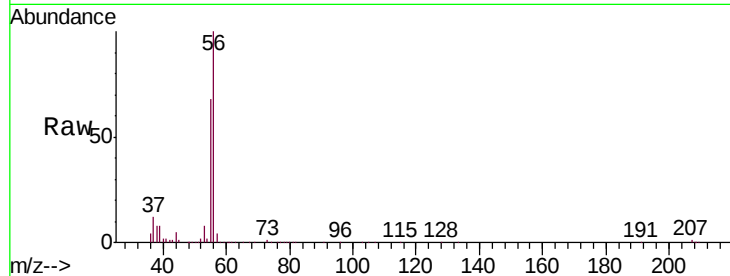
VX0708WBSD02

Tgt Ion: 56 Resp: 50185

Ion Ratio Lower Upper

56 100

55 71.8 56.2 84.4



#14

Acrylonitrile

Concen: 107.515 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

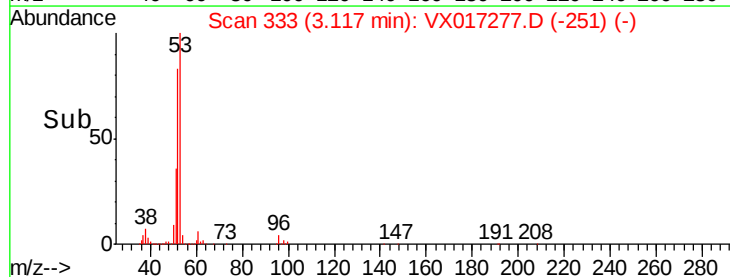
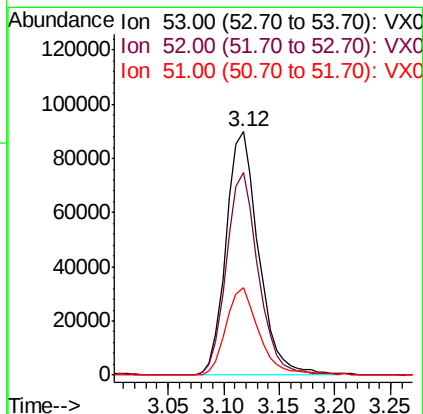
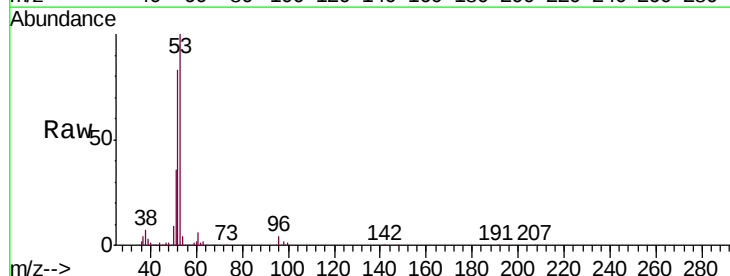
Tgt Ion: 53 Resp: 182627

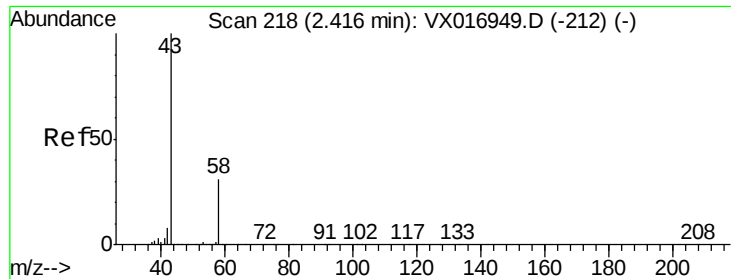
Ion Ratio Lower Upper

53 100

52 81.5 40.6 121.8

51 36.4 18.4 55.4





#15

Acetone

Concen: 110.075 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

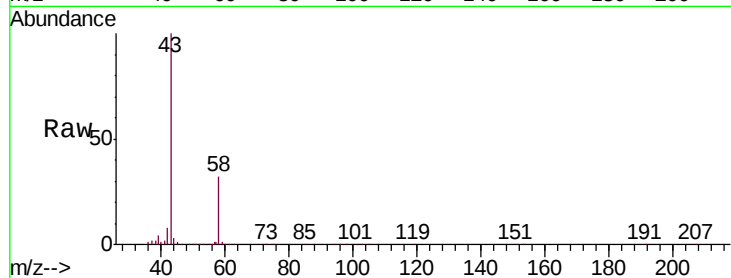
VX0708WBSD02

Tgt Ion: 58 Resp: 48387

Ion Ratio Lower Upper

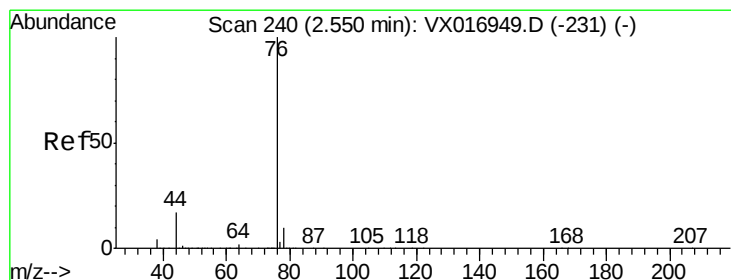
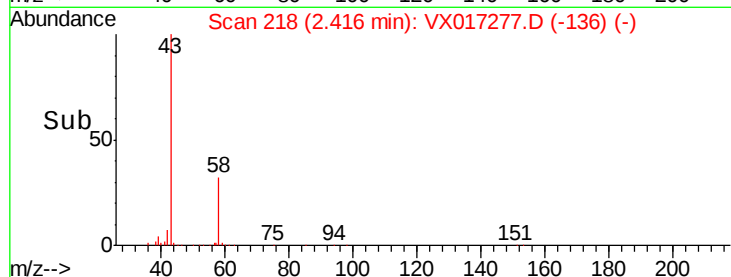
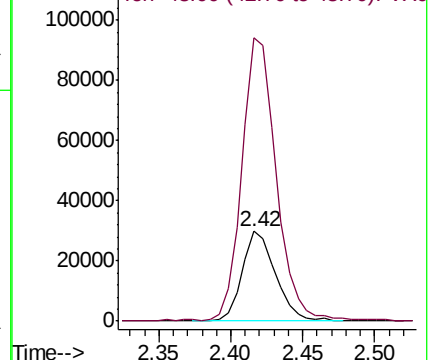
58 100

43 315.4 257.6 386.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.523 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017277.D

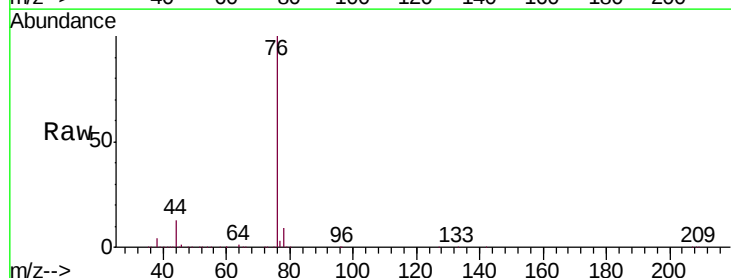
Acq: 08 Jul 2020 23:47

Tgt Ion: 76 Resp: 165554

Ion Ratio Lower Upper

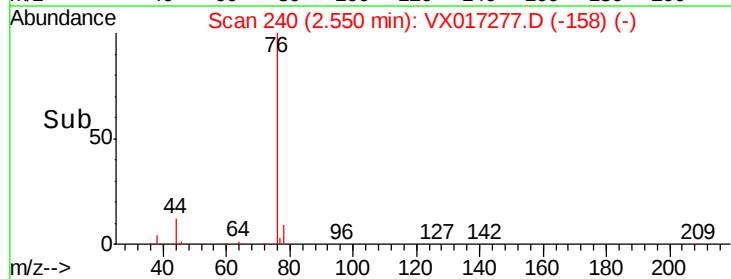
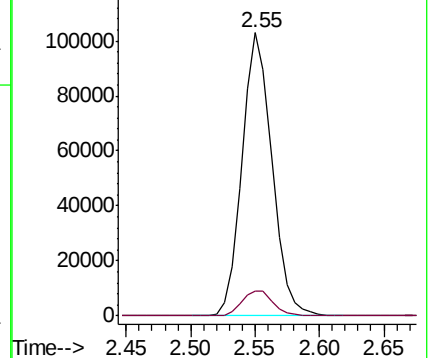
76 100

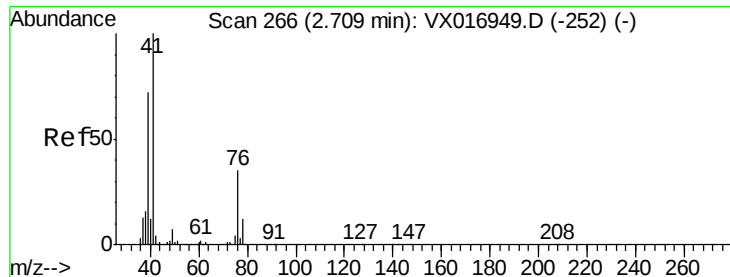
78 8.8 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allyl chloride

Concen: 19.722 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

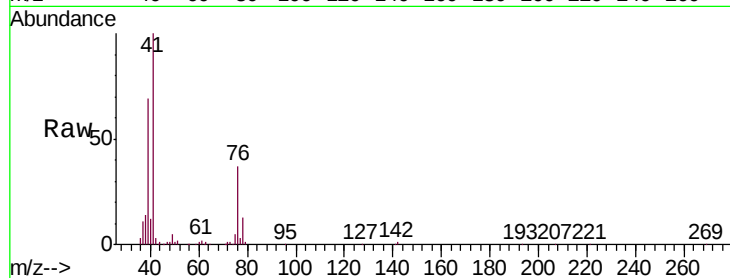
Tgt Ion: 41 Resp: 104972

Ion Ratio Lower Upper

41 100

39 68.6 35.9 107.8

76 36.6 17.6 52.8

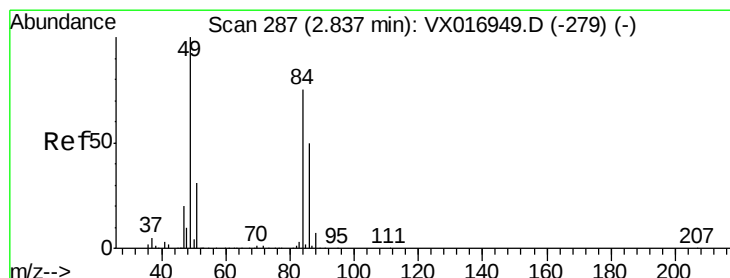
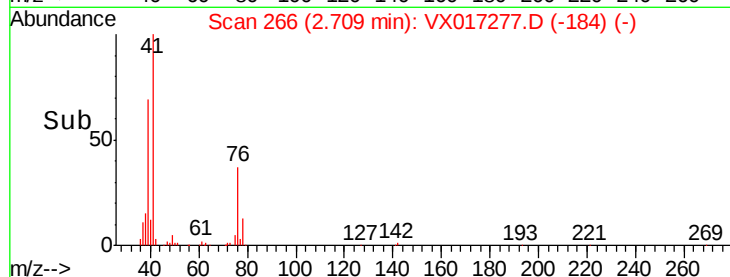
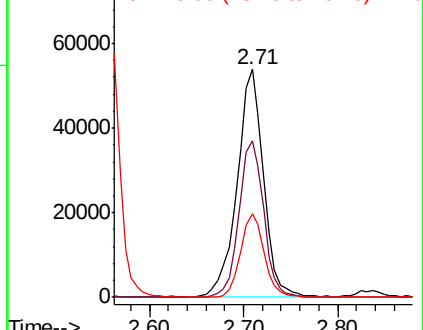


Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 20.637 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Tgt Ion: 84 Resp: 70673

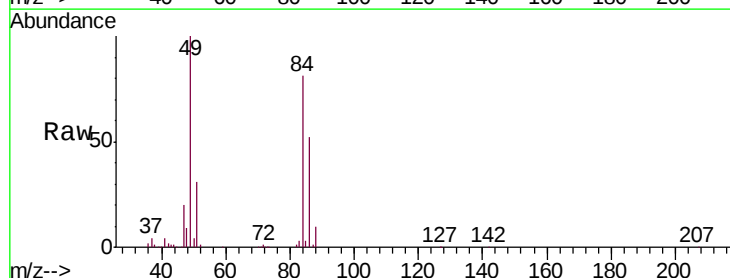
Ion Ratio Lower Upper

84 100

49 122.8 106.6 159.8

51 37.3 32.7 49.1

86 64.0 53.0 79.6



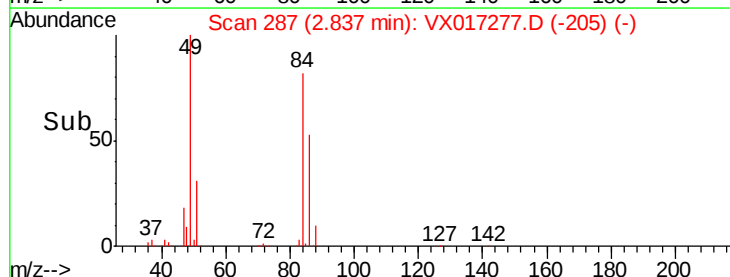
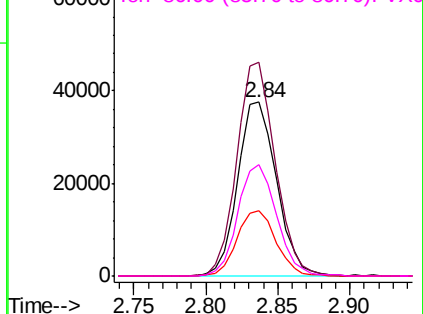
Abundance

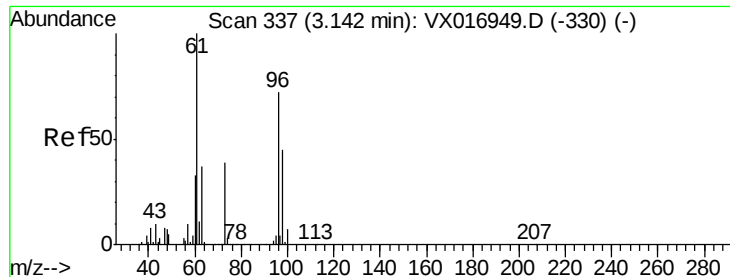
Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

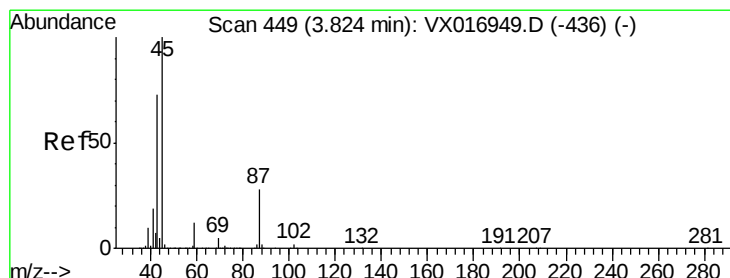
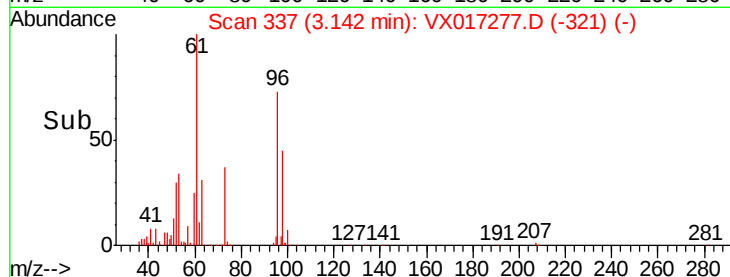
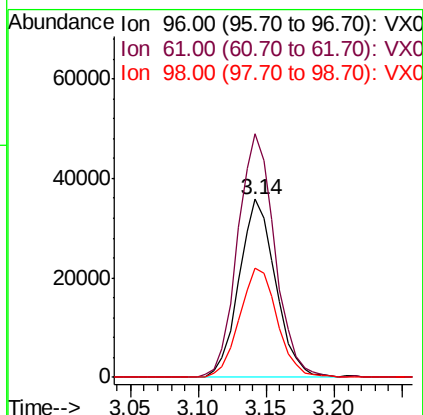
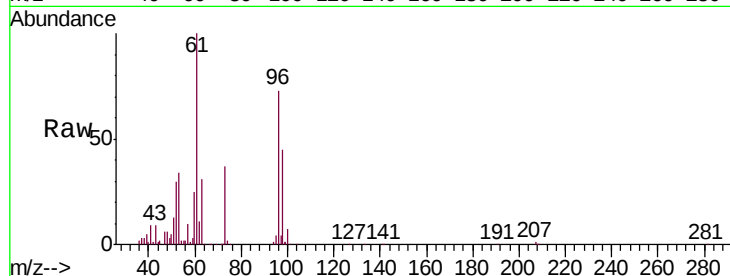




#19
trans-1,2-Dichloroethene
Concen: 20.971 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

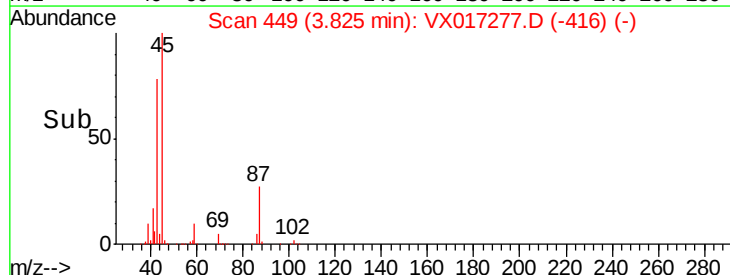
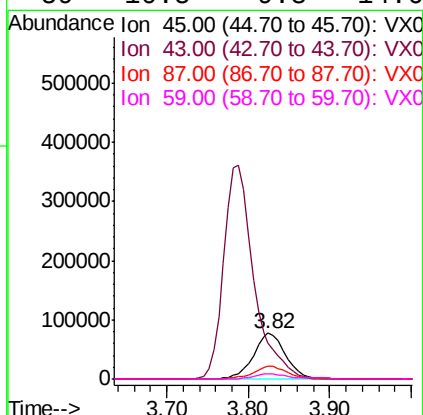
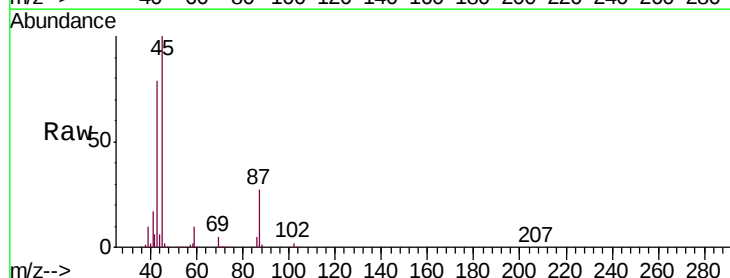
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

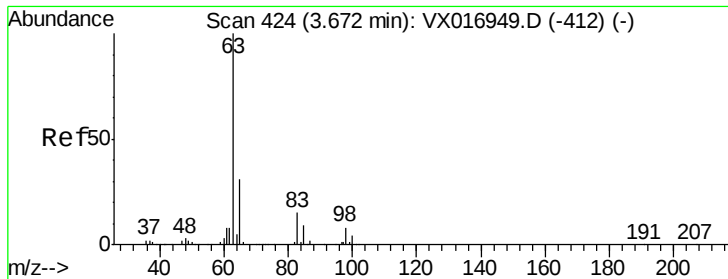
Tgt Ion: 96 Resp: 67555
Ion Ratio Lower Upper
96 100
61 136.2 110.6 165.8
98 61.5 49.8 74.6



#20
Diisopropyl ether
Concen: 19.977 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion: 45 Resp: 212491
Ion Ratio Lower Upper
45 100
43 78.4 63.9 95.9
87 26.7 22.2 33.4
59 10.5 9.8 14.6





#21

1,1-Dichloroethane

Concen: 20.338 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

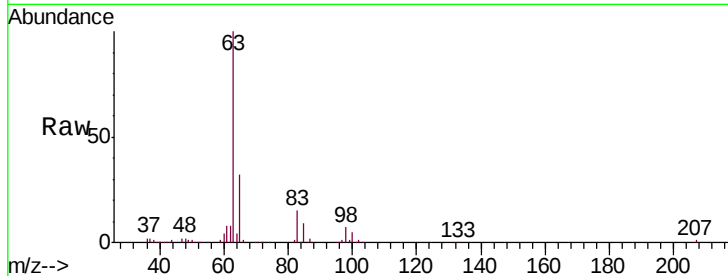
Tgt Ion: 63 Resp: 119288

Ion Ratio Lower Upper

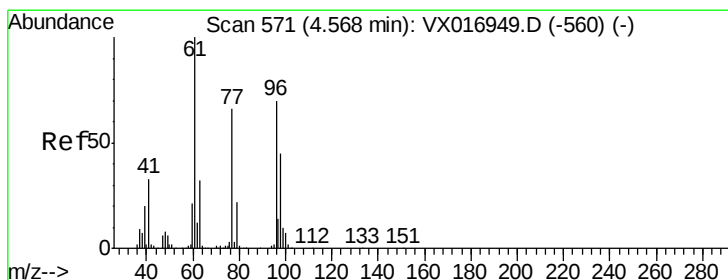
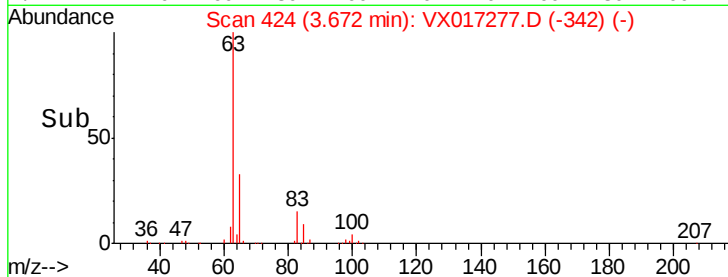
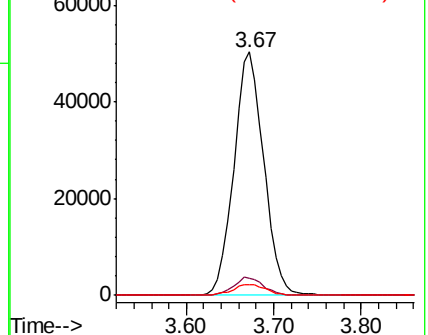
63 100

98 7.1 3.8 11.4

100 4.6 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 20.857 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

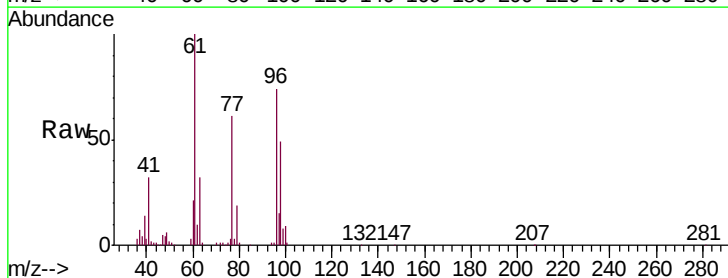
Tgt Ion: 96 Resp: 74808

Ion Ratio Lower Upper

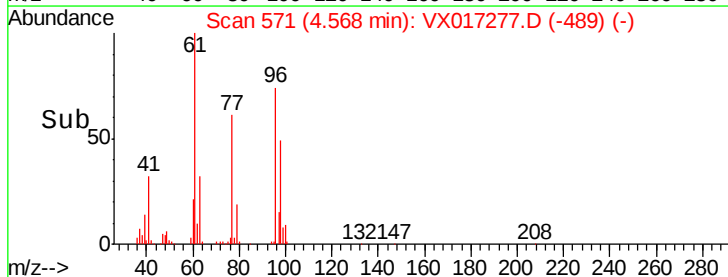
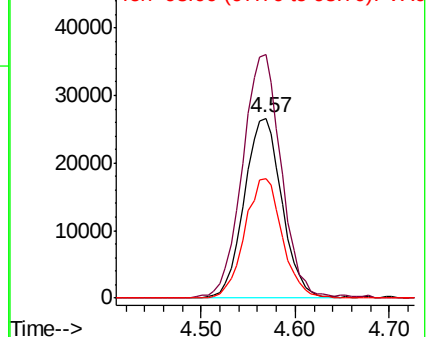
96 100

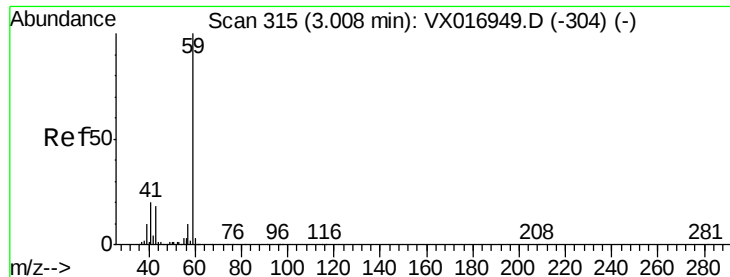
61 138.2 120.8 181.2

98 65.7 51.7 77.5



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



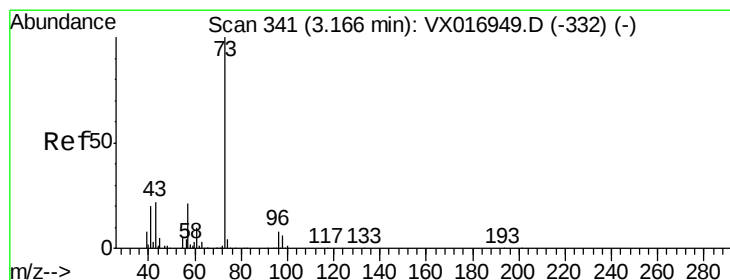
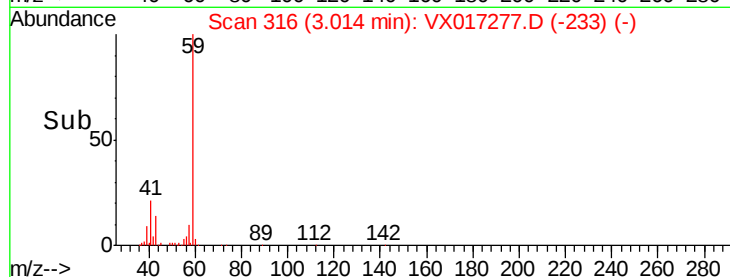
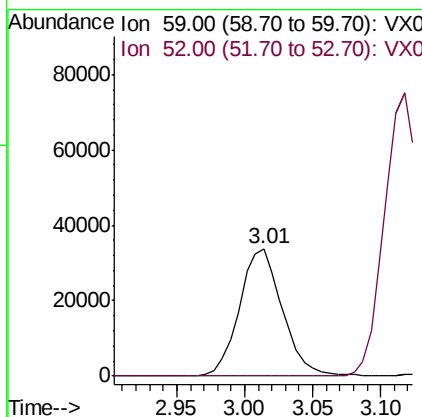
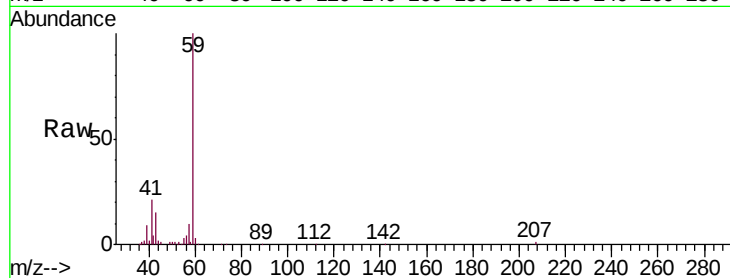


#23

tert-Butyl Alcohol
Concen: 98.679 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

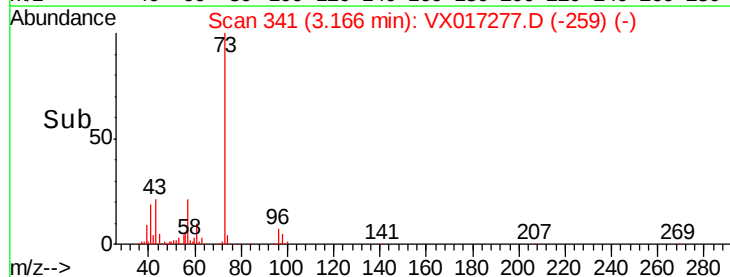
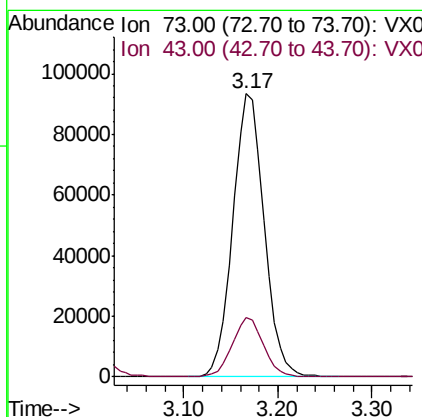
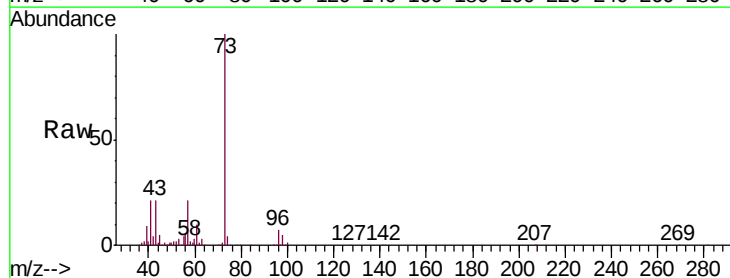
Tgt Ion: 59 Resp: 74249
Ion Ratio Lower Upper
59 100
52 0.2 0.1 0.1#

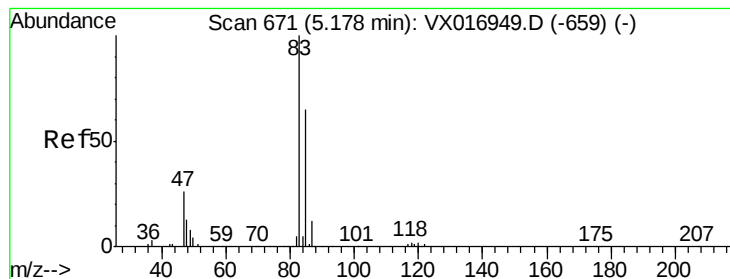


#24

Methyl tert-Butyl Ether
Concen: 21.298 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion: 73 Resp: 216214
Ion Ratio Lower Upper
73 100
43 20.6 17.2 25.8





#25

Chloroform

Concen: 21.172 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

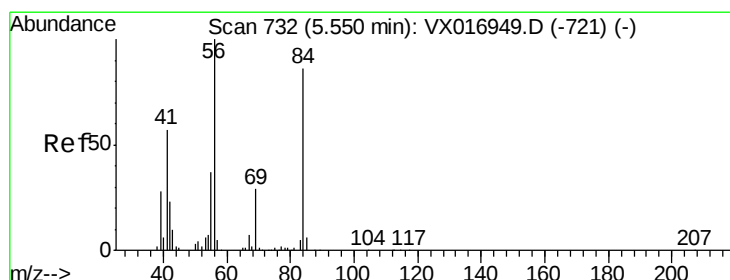
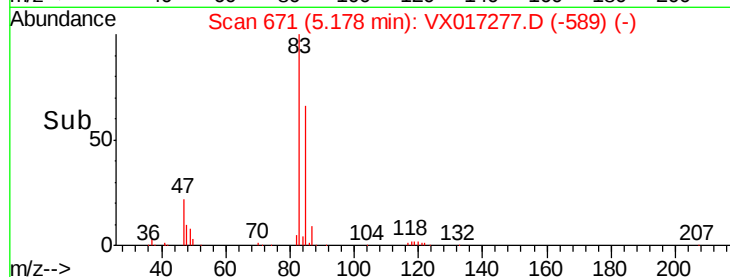
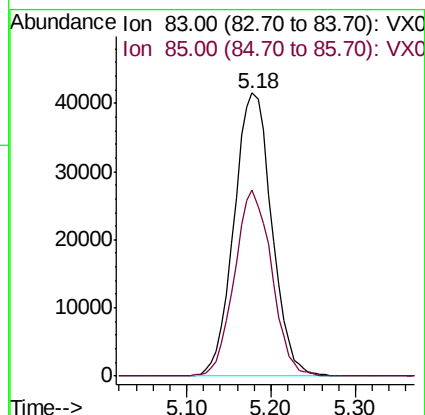
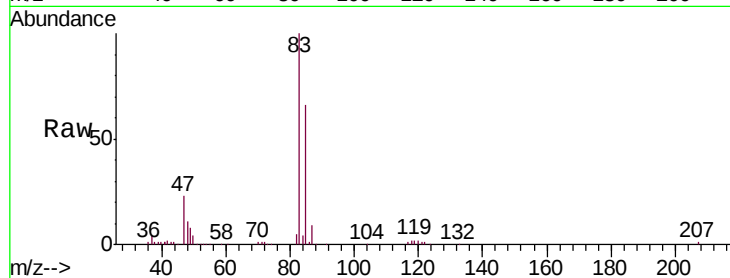
VX0708WBSD02

Tgt Ion: 83 Resp: 125903

Ion Ratio Lower Upper

83 100

85 65.8 52.1 78.1



#26

Cyclohexane

Concen: 18.413 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

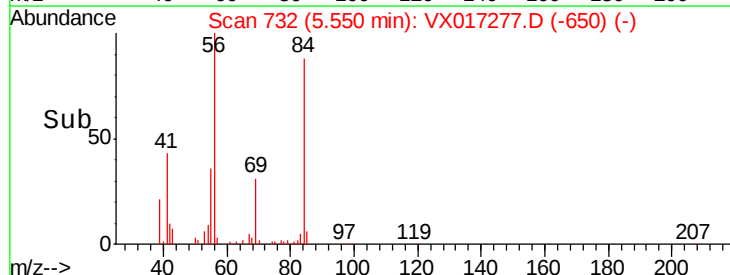
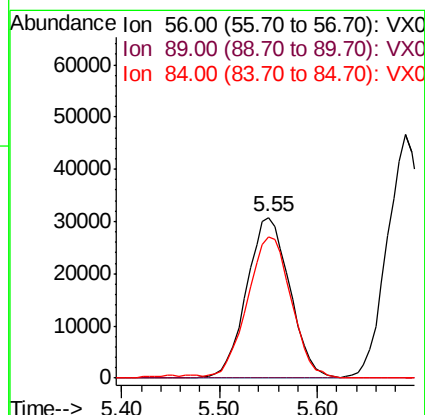
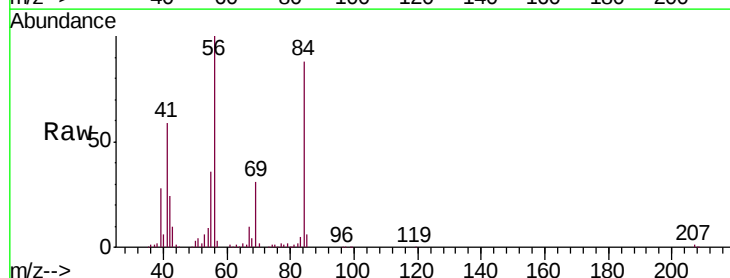
Tgt Ion: 56 Resp: 94210

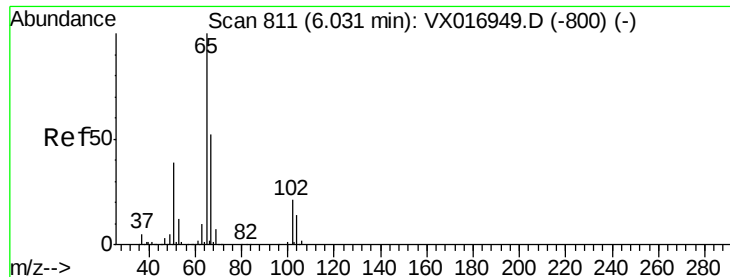
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.7 69.0 103.6





#27

1,2-Dichloroethane-d4

Concen: 28.403 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

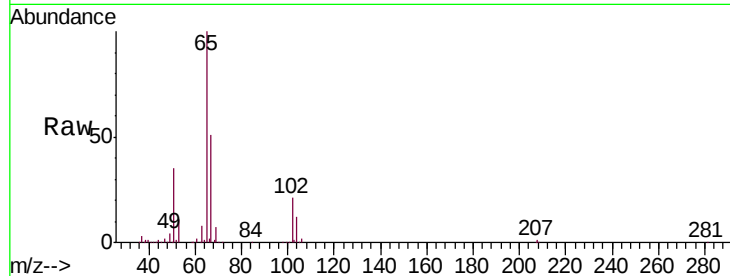
VX0708WBSD02

Tgt Ion: 65 Resp: 109794

Ion Ratio Lower Upper

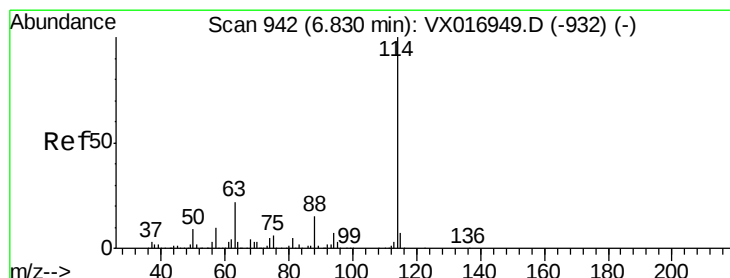
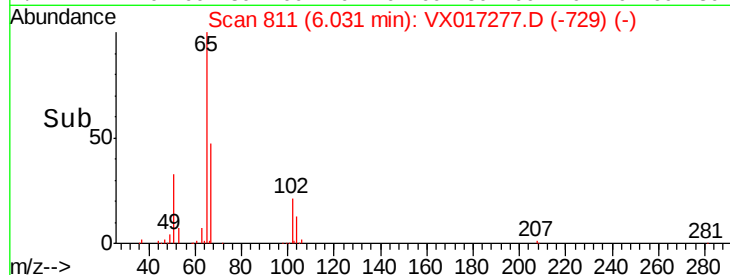
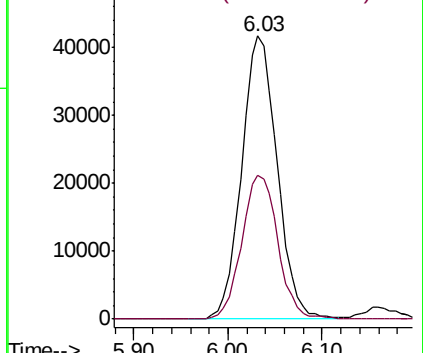
65 100

67 51.7 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

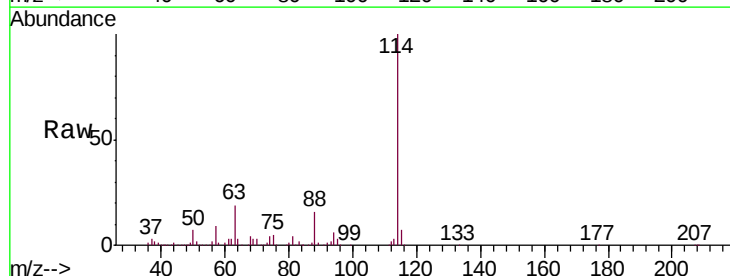
Tgt Ion: 114 Resp: 262674

Ion Ratio Lower Upper

114 100

63 19.9 17.4 26.2

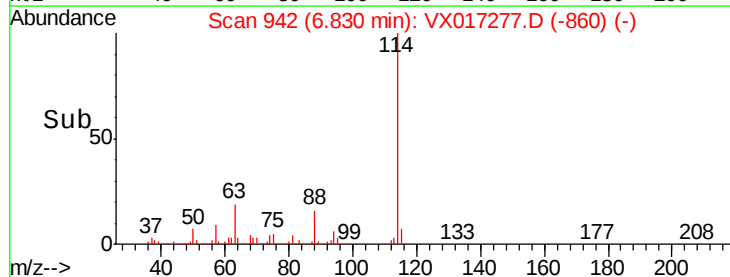
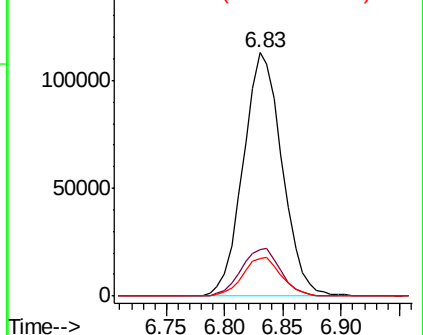
88 16.0 13.0 19.6

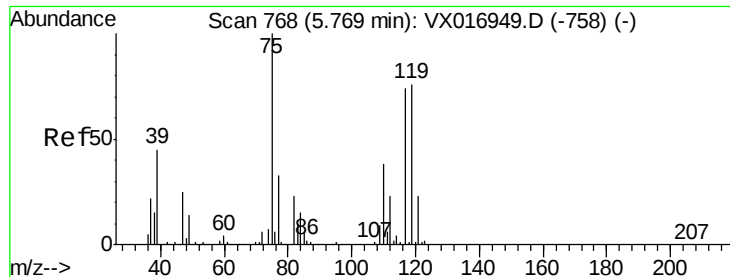


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

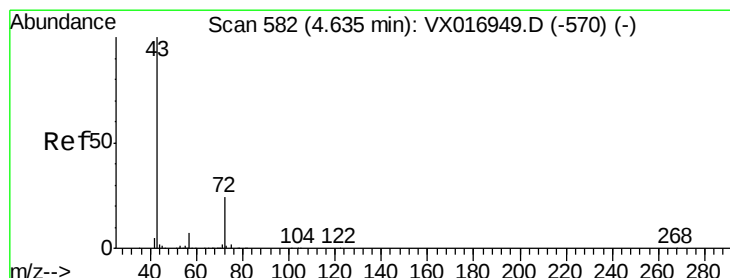
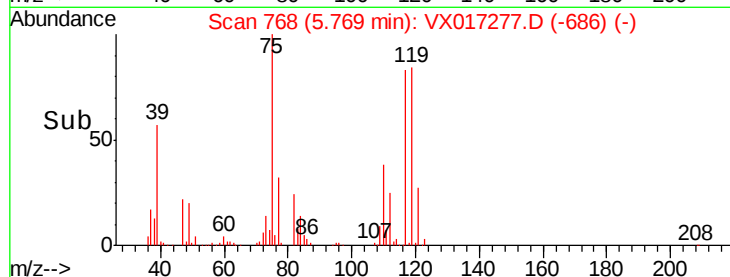
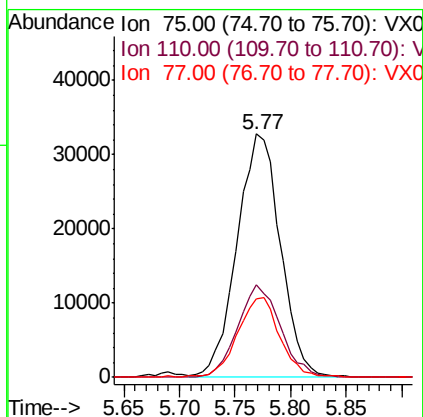
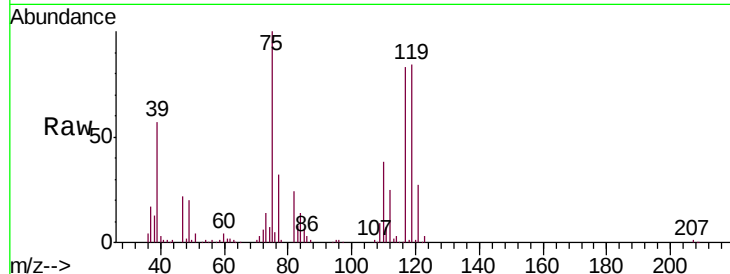




#29
 1,1-Dichloropropene
 Concen: 20.746 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

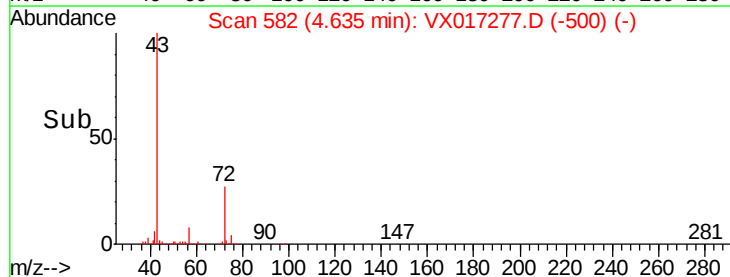
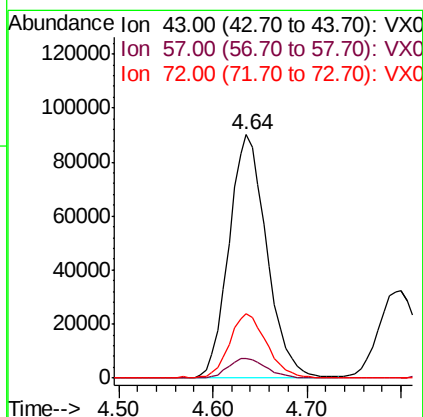
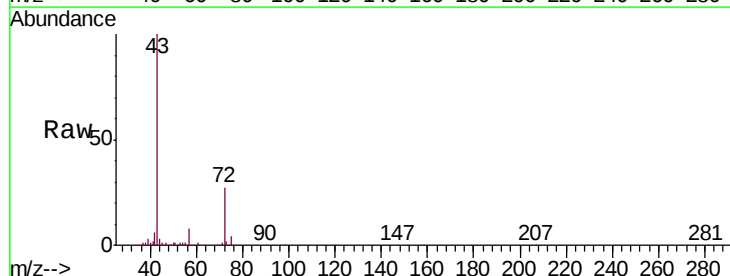
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD02

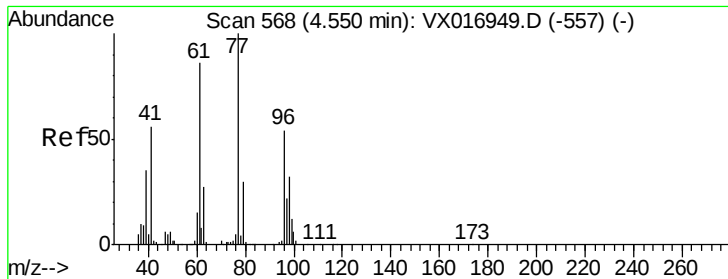
Tgt Ion: 75 Resp: 88772
 Ion Ratio Lower Upper
 75 100
 110 37.3 0.0 71.6
 77 31.5 0.0 64.0



#30
 2-Butanone
 Concen: 111.733 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Tgt Ion: 43 Resp: 249213
 Ion Ratio Lower Upper
 43 100
 57 8.3 6.2 9.4
 72 26.4 20.6 31.0





#31

2,2-Dichloropropane

Concen: 17.907 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

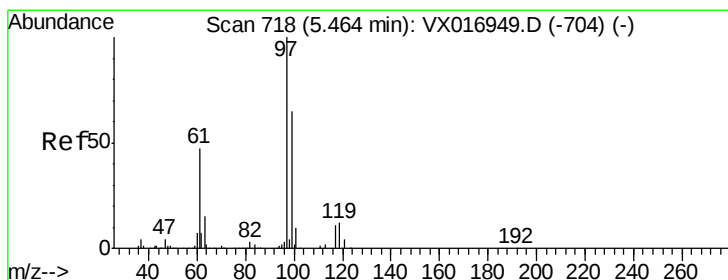
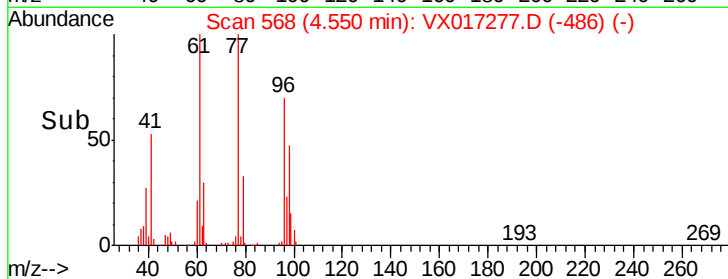
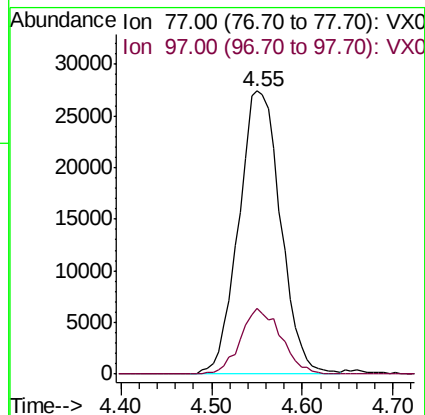
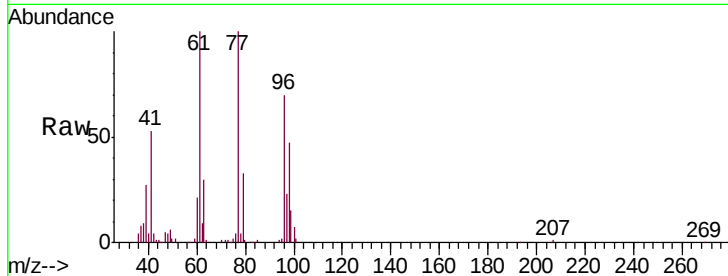
VX0708WBSD02

Tgt Ion: 77 Resp: 87877

Ion Ratio Lower Upper

77 100

97 22.5 18.5 27.7



#32

1,1,1-Trichloroethane

Concen: 22.288 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

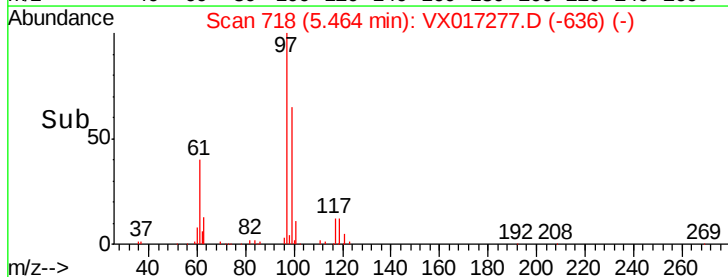
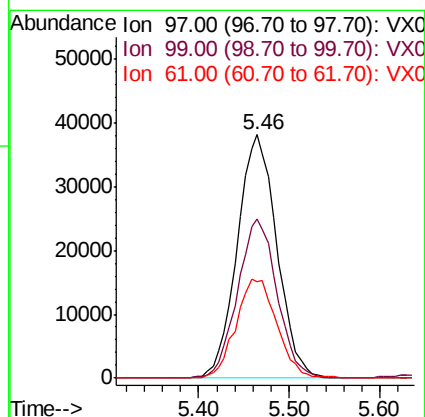
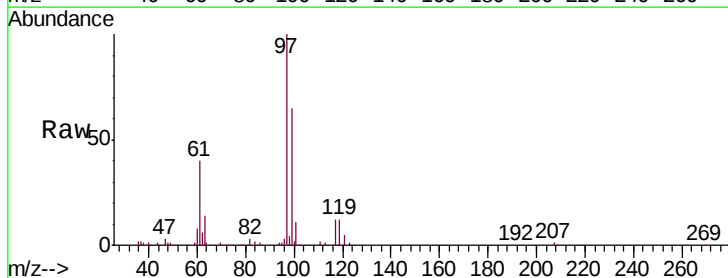
Tgt Ion: 97 Resp: 115404

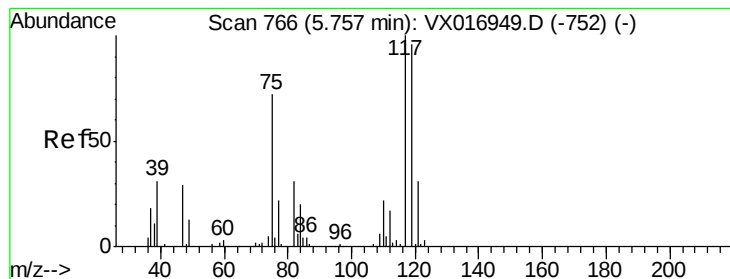
Ion Ratio Lower Upper

97 100

99 65.3 52.2 78.2

61 42.2 36.9 55.3





#33

Carbon Tetrachloride

Concen: 23.072 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

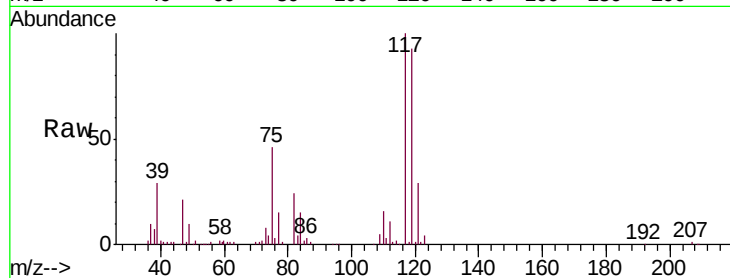
Tgt Ion:117 Resp: 105944

Ion Ratio Lower Upper

117 100

119 92.6 77.0 115.4

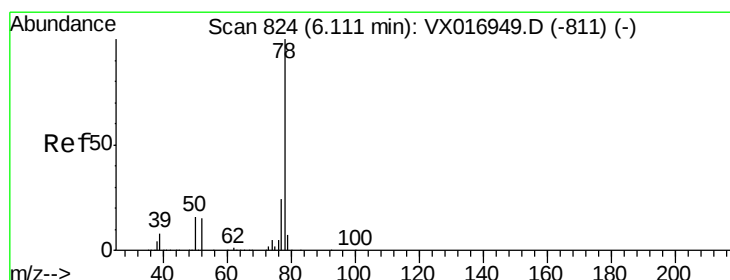
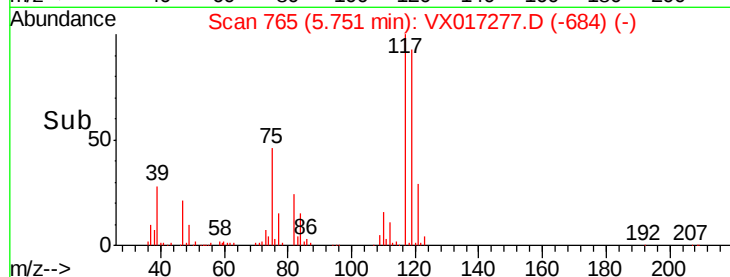
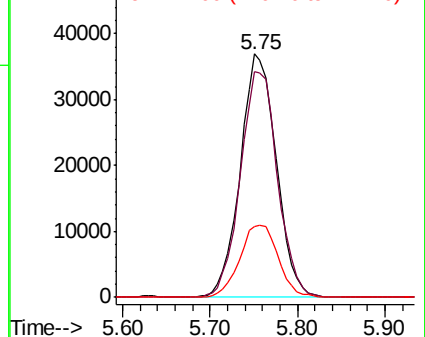
121 28.9 25.0 37.4



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: 21.304 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

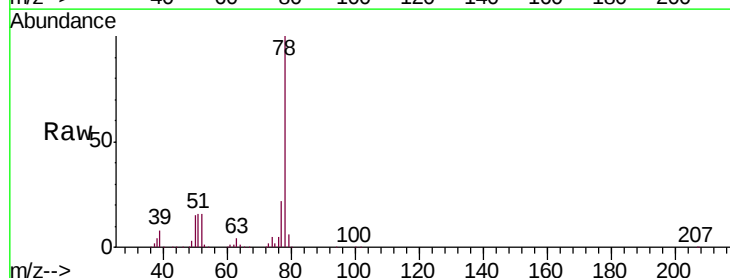
Tgt Ion: 78 Resp: 265434

Ion Ratio Lower Upper

78 100

77 21.5 19.0 28.6

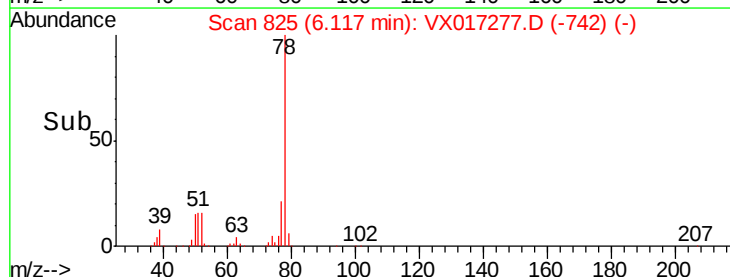
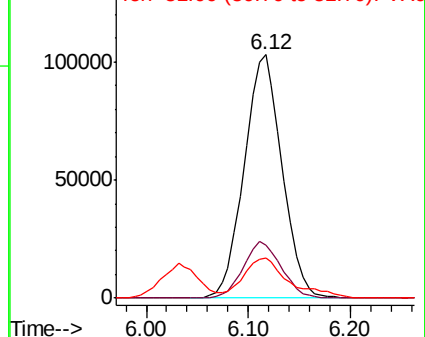
51 15.2 12.8 19.2

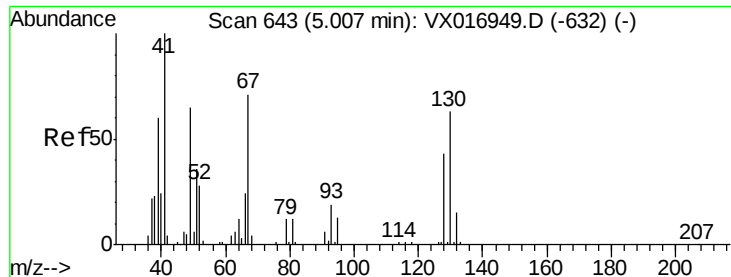


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

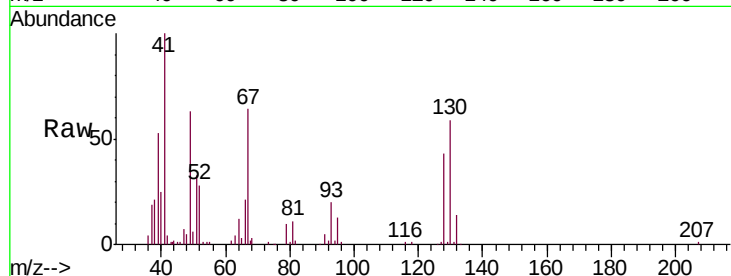




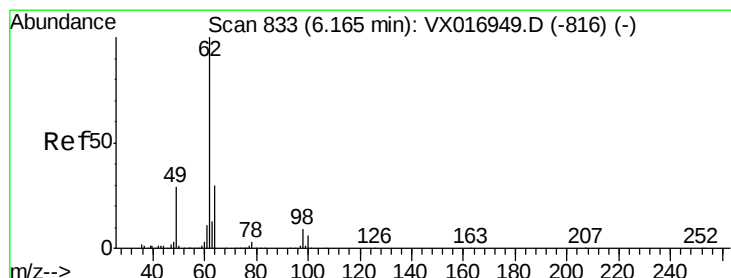
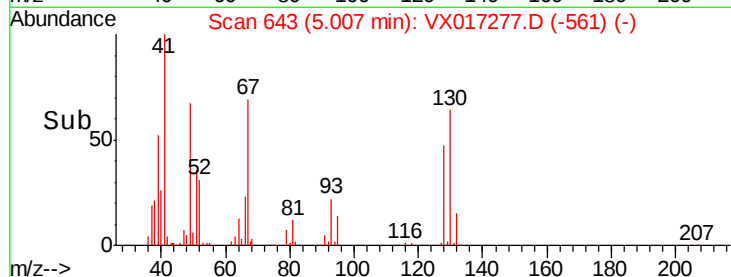
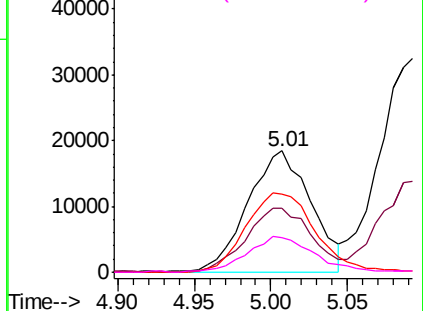
#35
Methacrylonitrile
Concen: 21.526 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

Tgt Ion:	41	Resp:	52987
Ion	Ratio	Lower	Upper
41	100		
39	52.8	29.8	89.5
67	64.0	35.3	105.9
52	27.9	14.1	42.3

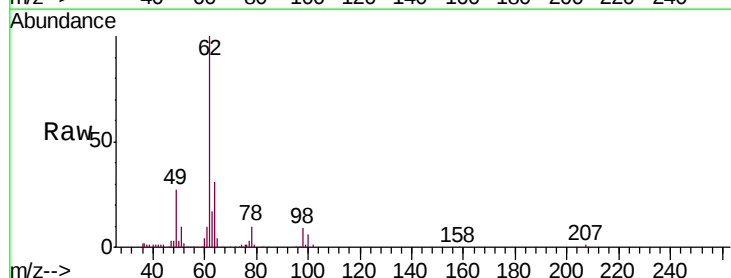


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

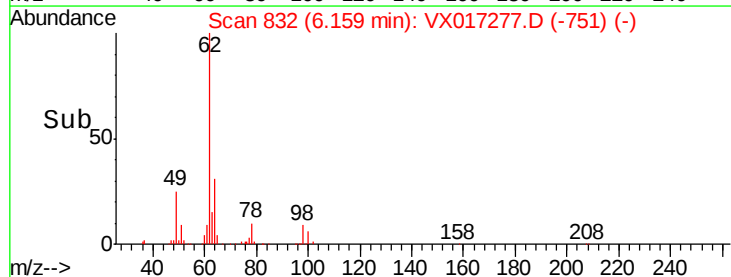
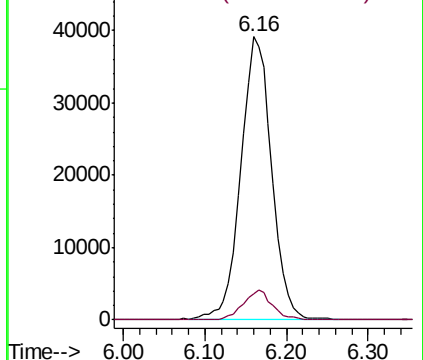


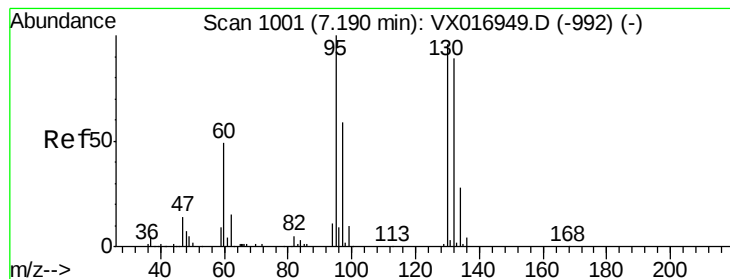
#36
1,2-Dichloroethane
Concen: 21.525 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion:	62	Resp:	102713
Ion	Ratio	Lower	Upper
62	100		
98	10.0	7.6	11.4



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





#37

Trichloroethene

Concen: 22.949 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

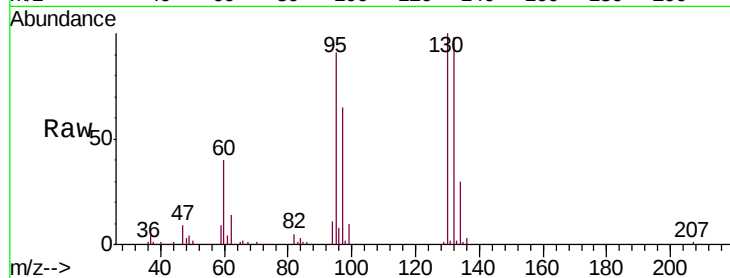
VX0708WBSD02

Tgt Ion:130 Resp: 78024

Ion Ratio Lower Upper

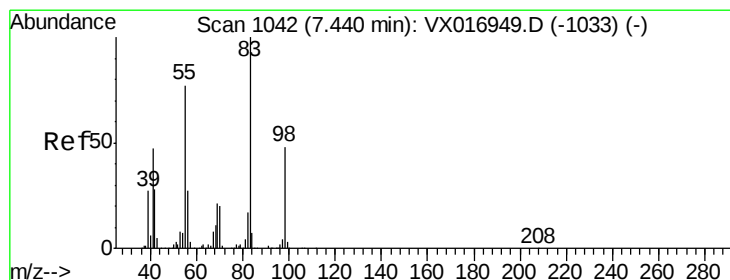
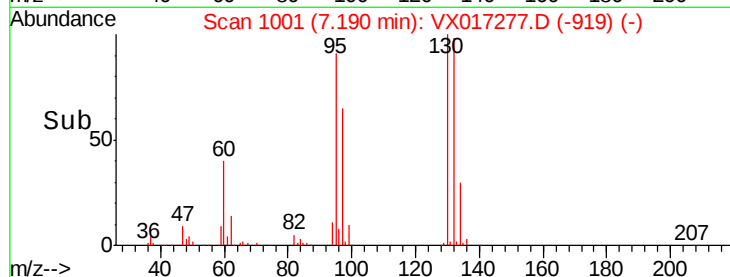
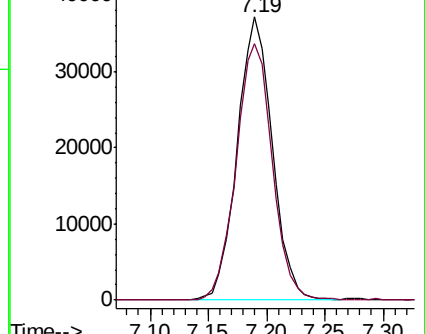
130 100

95 90.6 83.1 124.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.647 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

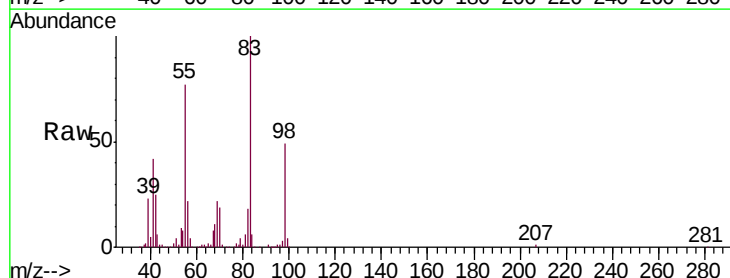
Tgt Ion: 83 Resp: 90869

Ion Ratio Lower Upper

83 100

55 78.2 38.1 114.5

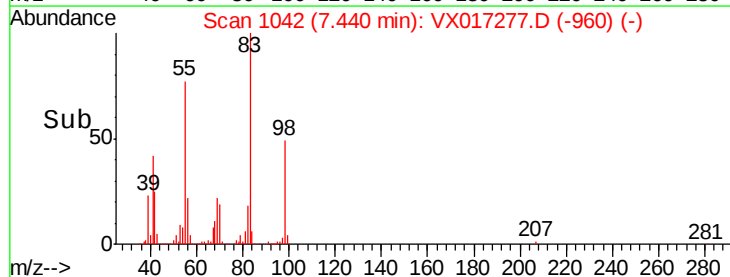
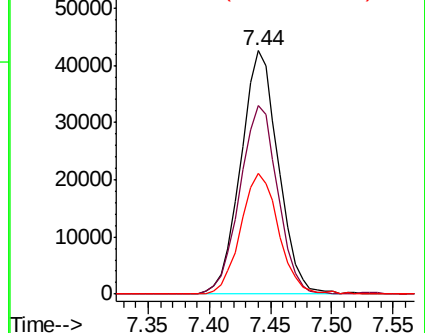
98 49.7 24.6 73.6

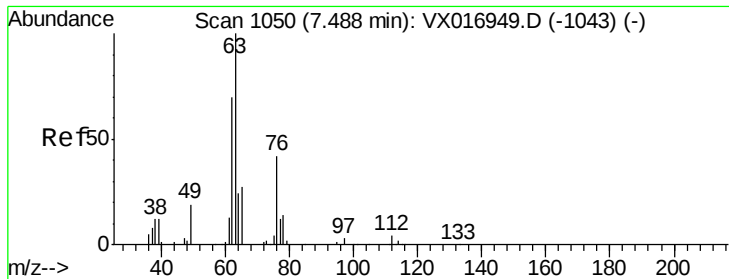


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 20.232 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampled :

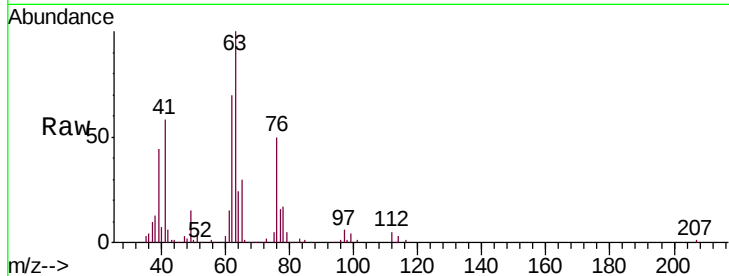
VX0708WBSD02

Tgt Ion: 63 Resp: 65675

Ion Ratio Lower Upper

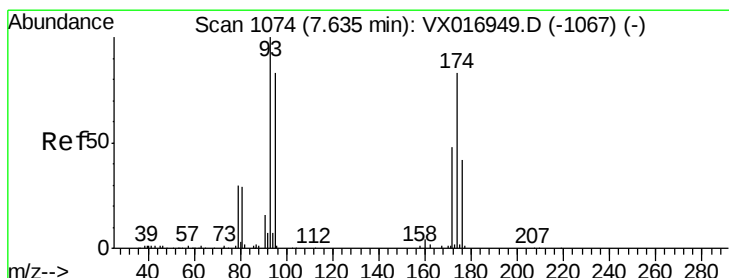
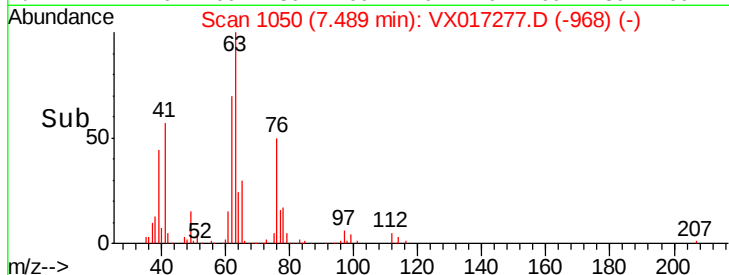
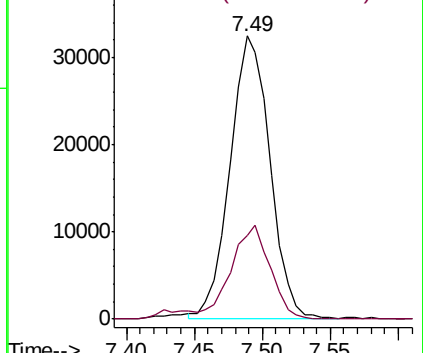
63 100

65 29.8 22.8 34.2



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 21.573 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

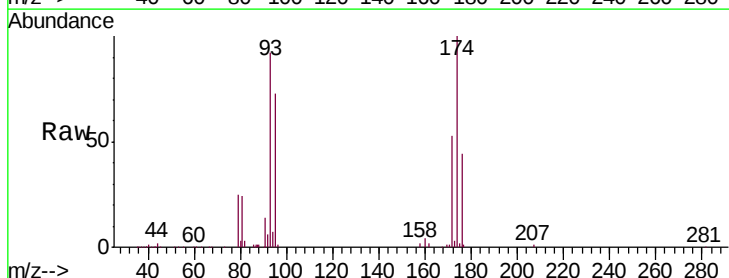
Tgt Ion: 93 Resp: 48263

Ion Ratio Lower Upper

93 100

95 85.5 0.0 165.4

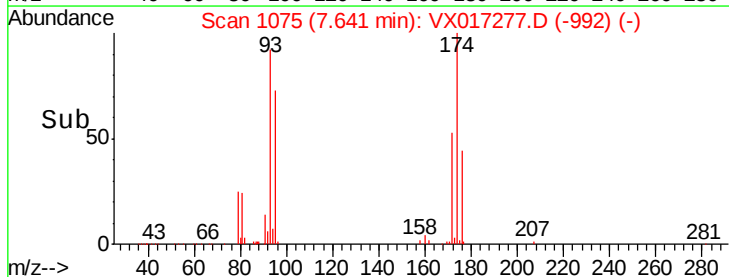
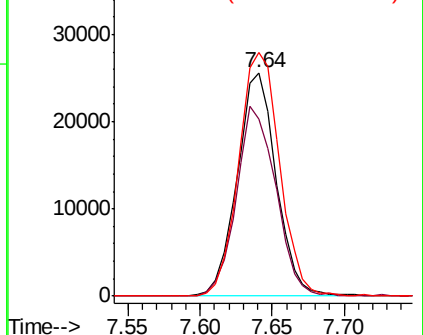
174 113.8 0.0 192.0

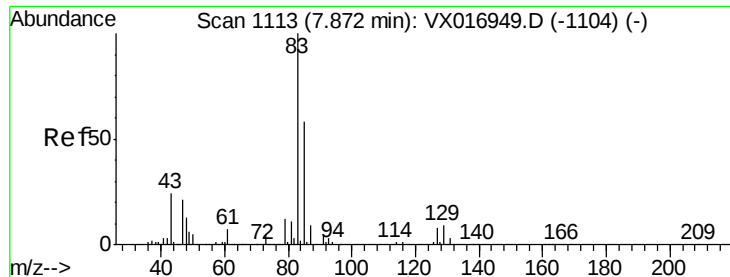


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 21.629 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

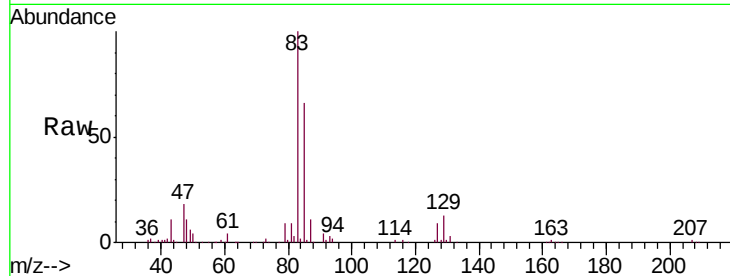
Tgt Ion: 83 Resp: 100200

Ion Ratio Lower Upper

83 100

85 66.2 46.7 70.1

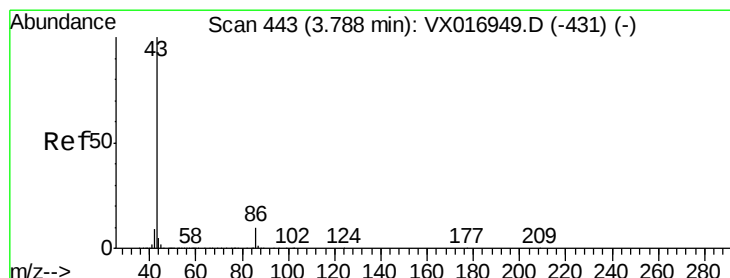
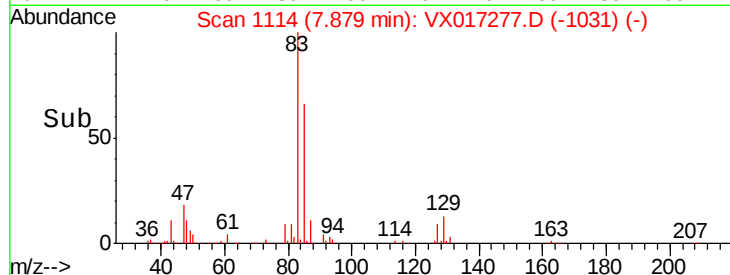
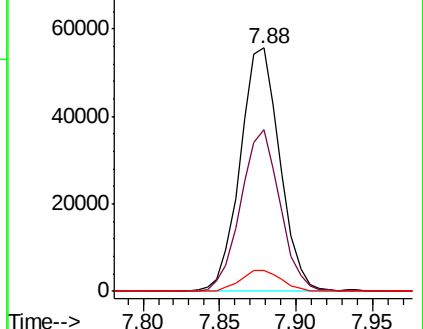
127 8.5 6.5 9.7



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: 103.139 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017277.D

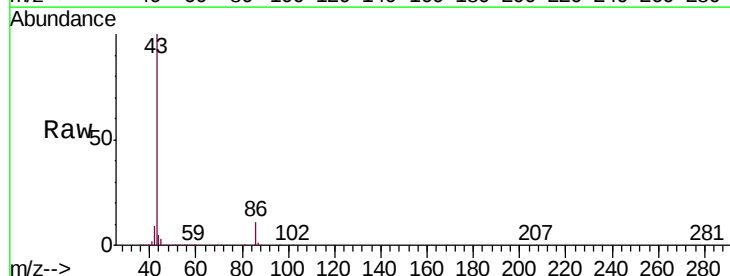
Acq: 08 Jul 2020 23:47

Tgt Ion: 43 Resp: 927029

Ion Ratio Lower Upper

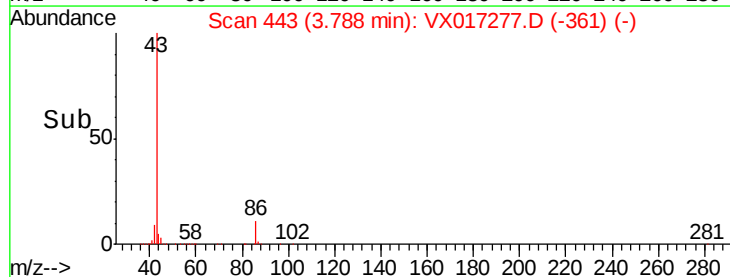
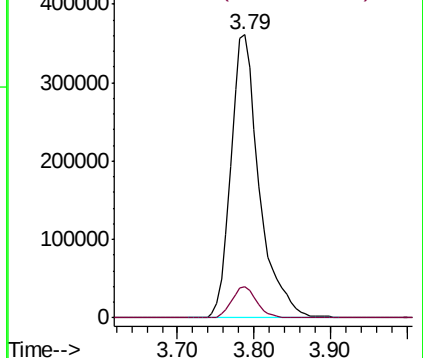
43 100

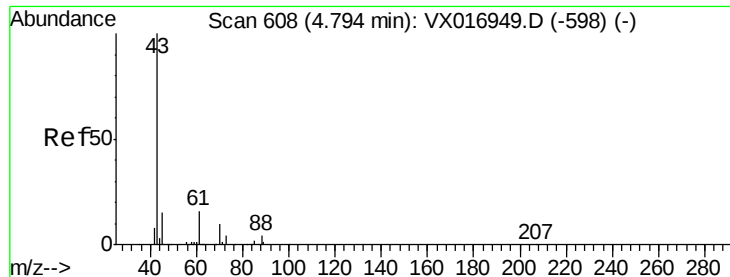
86 9.8 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

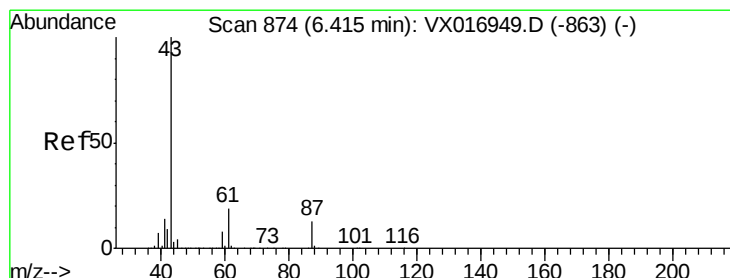
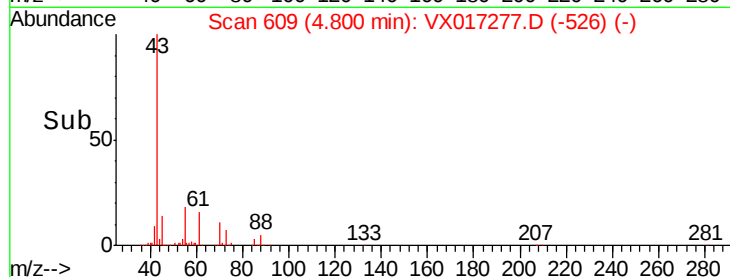
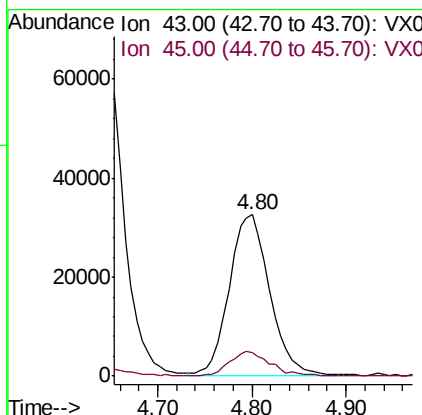
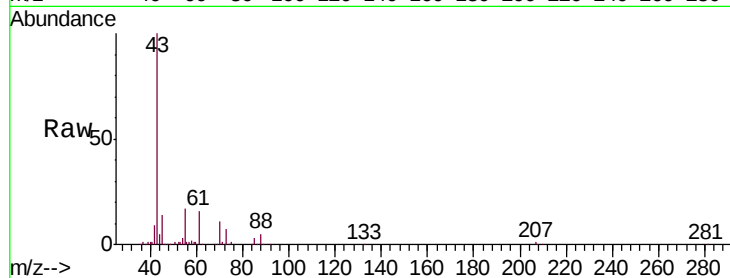




#43
Ethyl Acetate
Concen: 21.151 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

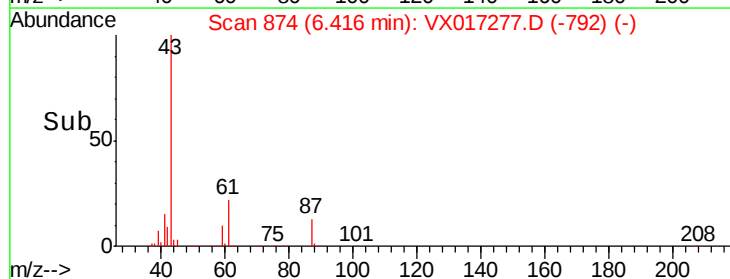
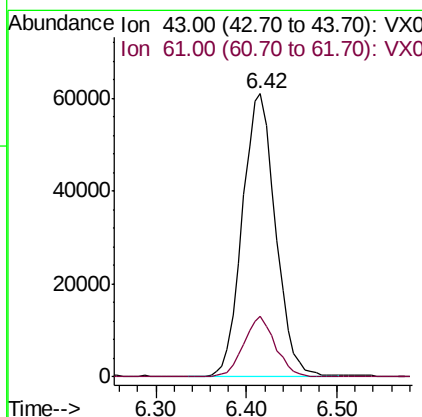
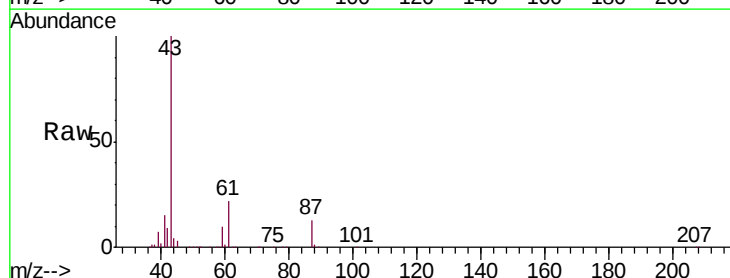
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

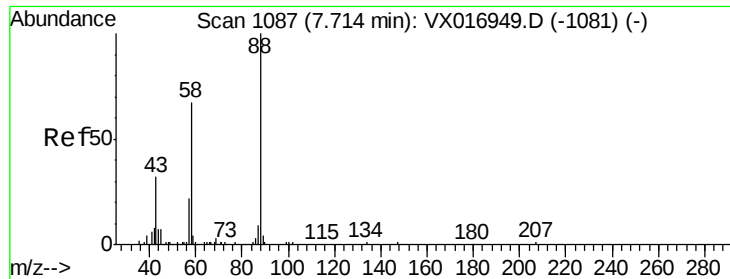
Tgt Ion: 43 Resp: 97721
Ion Ratio Lower Upper
43 100
45 14.8 11.8 17.6



#44
Isopropyl Acetate
Concen: 20.185 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion: 43 Resp: 153711
Ion Ratio Lower Upper
43 100
61 20.5 15.4 23.2





#45

1,4-Dioxane

Concen: 395.528 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

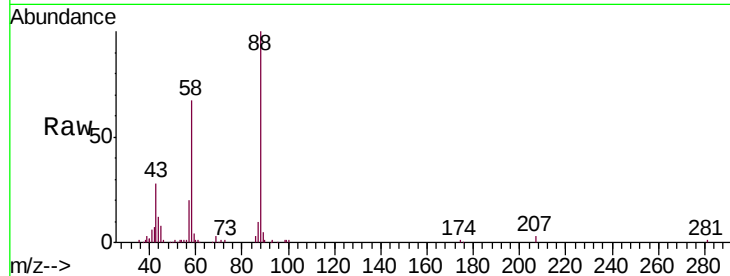
Tgt Ion: 88 Resp: 30387

Ion Ratio Lower Upper

88 100

43 33.0 28.9 43.3

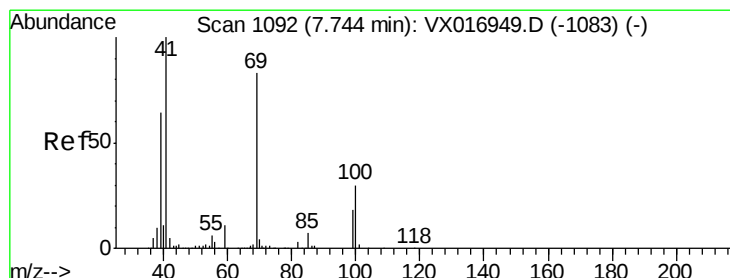
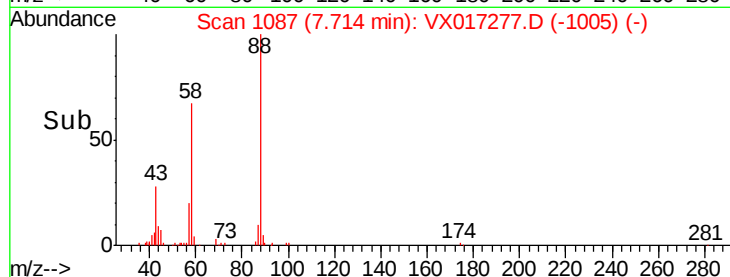
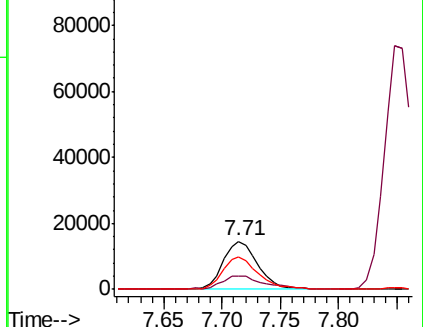
58 68.4 56.7 85.1



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 21.039 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

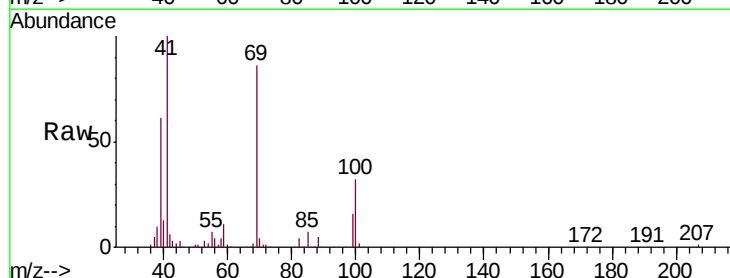
Tgt Ion: 41 Resp: 74144

Ion Ratio Lower Upper

41 100

69 85.4 41.3 123.9

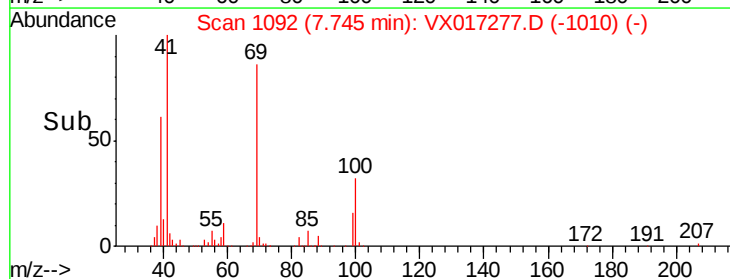
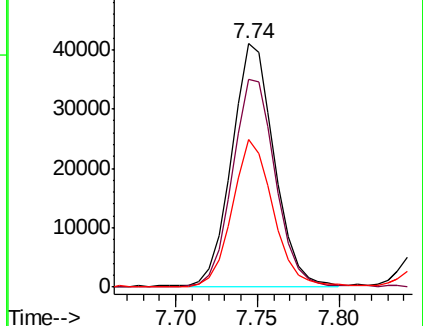
39 60.6 32.0 96.2

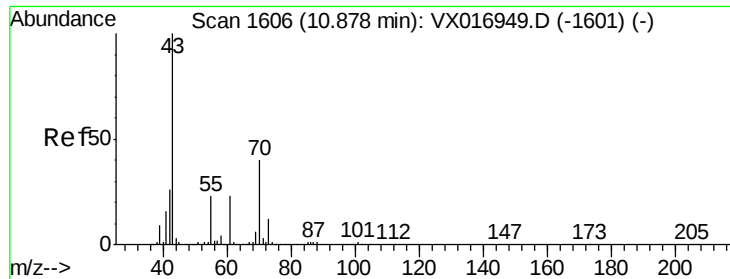


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

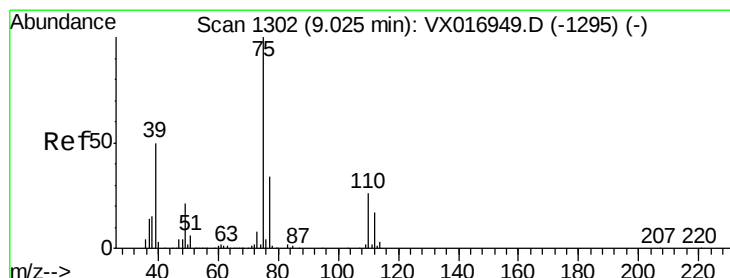
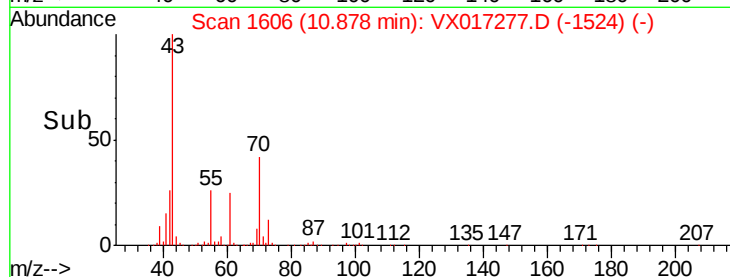
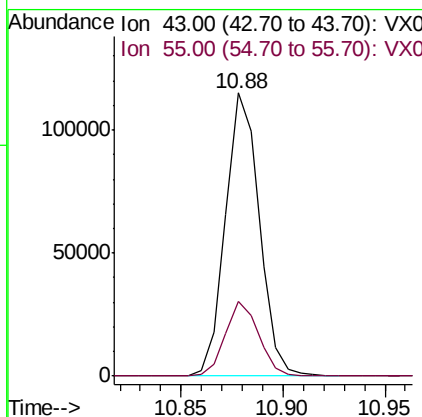
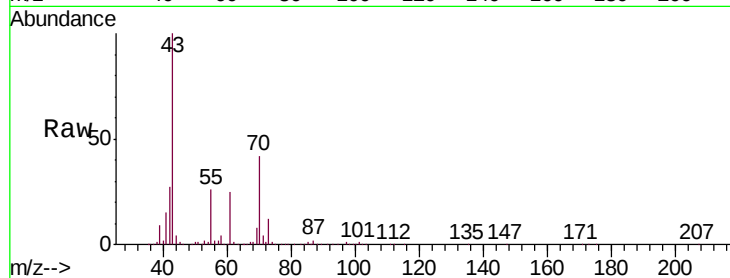




#47
 n-amy1 Acetate
 Concen: 19.632 ug/l
 RT: 10.88 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

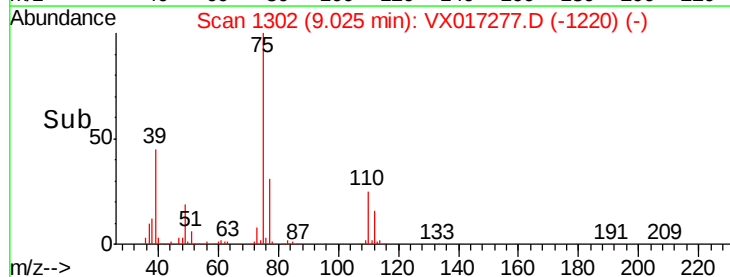
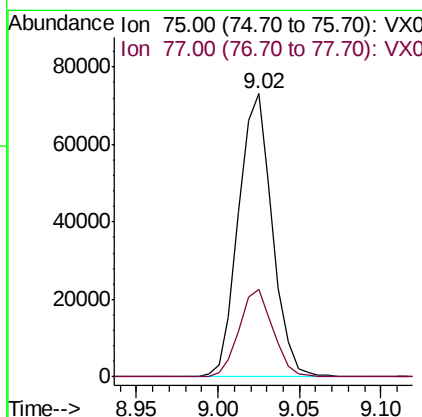
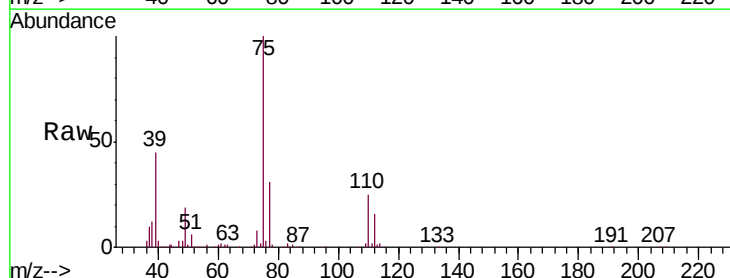
Instrument :
 MSVOA_X
 ClientSampled :
 VX0708WBSD02

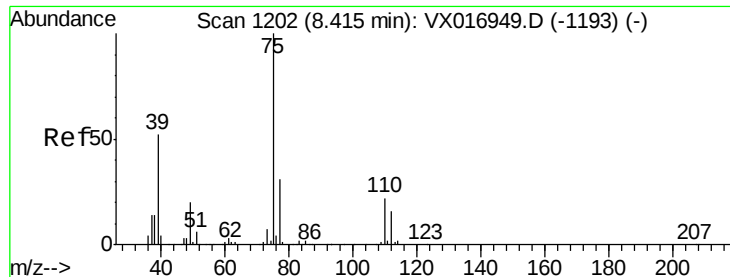
Tgt Ion: 43 Resp: 132149
 Ion Ratio Lower Upper
 43 100
 55 26.0 18.6 27.8



#48
 t-1,3-Dichloropropene
 Concen: 20.606 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Tgt Ion: 75 Resp: 105547
 Ion Ratio Lower Upper
 75 100
 77 30.9 27.0 40.4



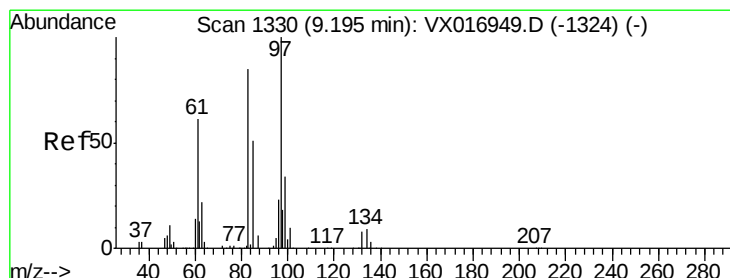
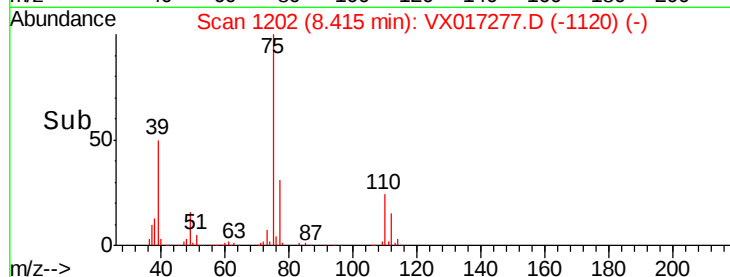
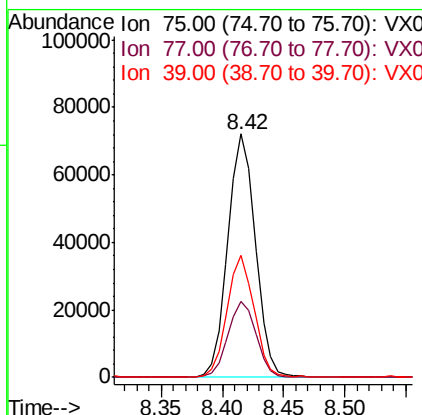
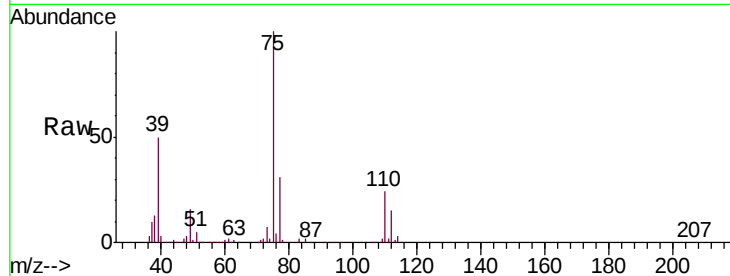


#49

cis-1,3-Dichloropropene
 Concen: 20.978 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD02

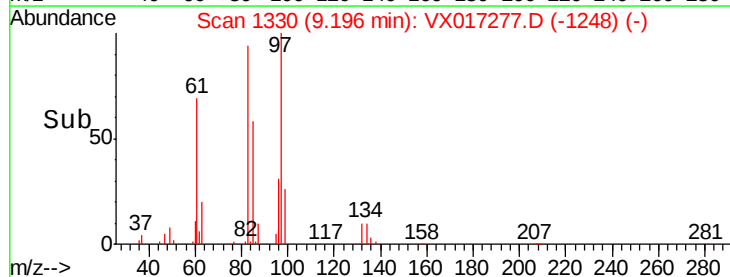
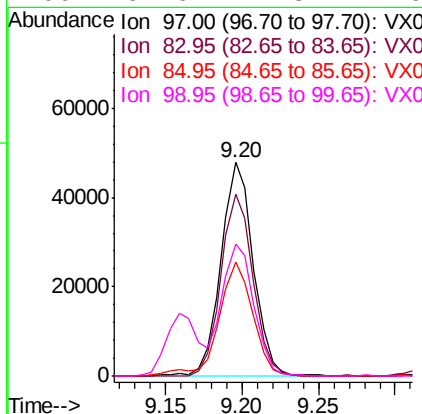
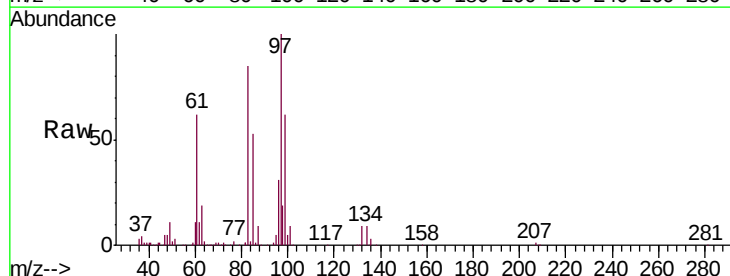
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.8	37.2
39	49.8	41.8	62.6

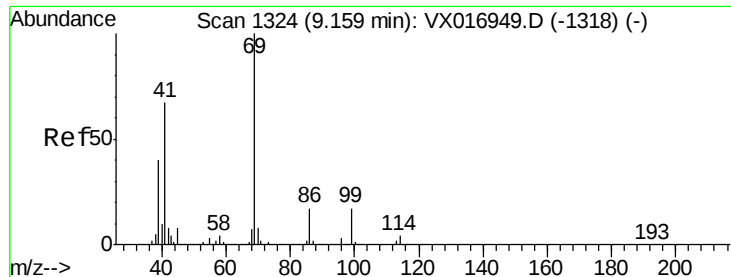


#50

1,1,2-Trichloroethane
 Concen: 22.278 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.4	101.0
85	53.0	42.9	64.3
99	61.6	47.8	71.6





#51

Ethyl methacrylate

Concen: 21.153 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

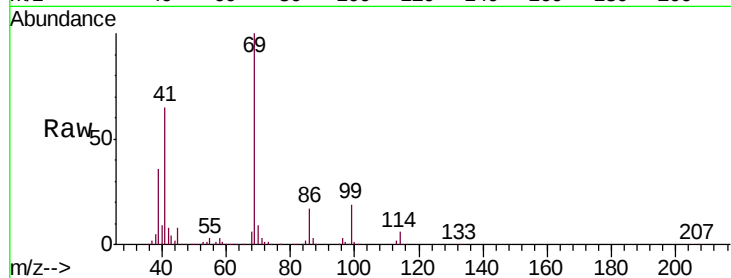
Tgt Ion: 69 Resp: 101360

Ion Ratio Lower Upper

69 100

41 64.6 33.7 101.1

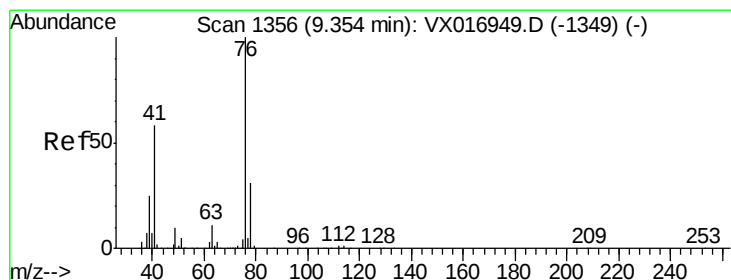
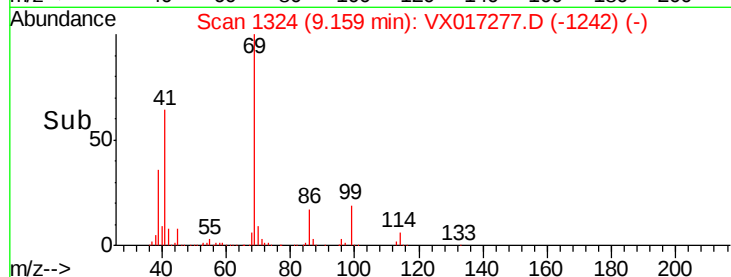
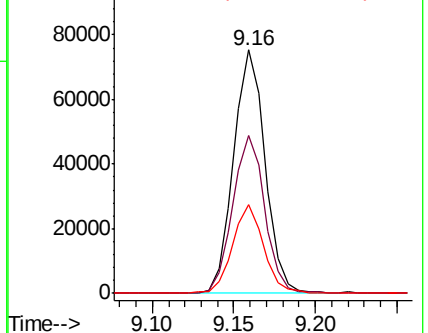
39 36.1 19.9 59.7



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: 21.911 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017277.D

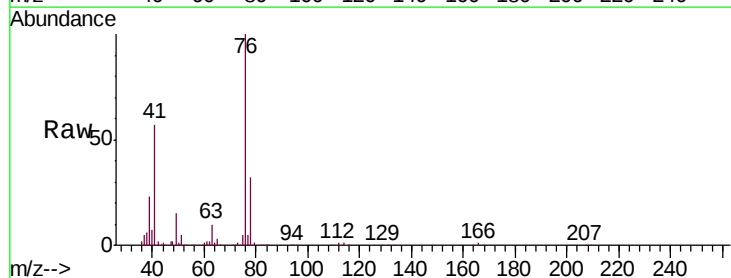
Acq: 08 Jul 2020 23:47

Tgt Ion: 76 Resp: 117452

Ion Ratio Lower Upper

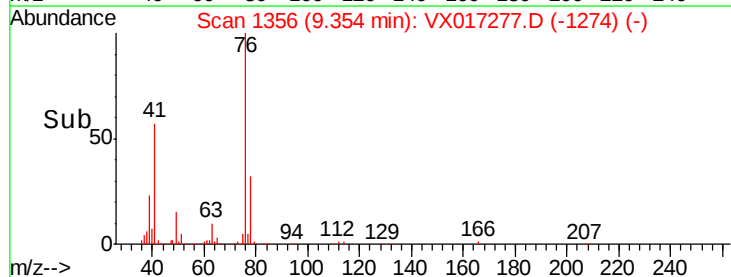
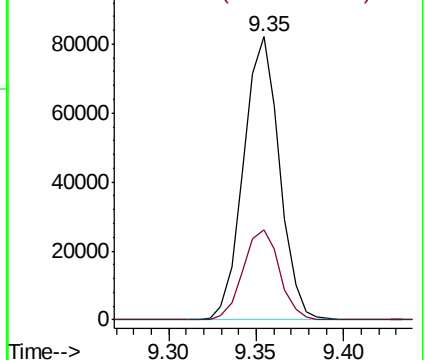
76 100

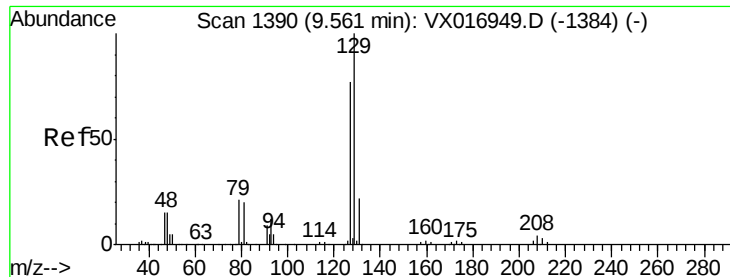
78 32.3 0.0 62.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 23.125 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

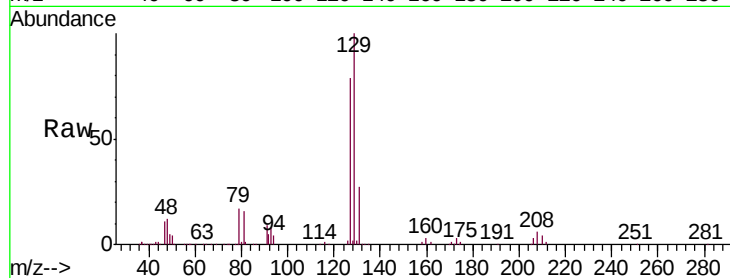
VX0708WBSD02

Tgt Ion:129 Resp: 82989

Ion Ratio Lower Upper

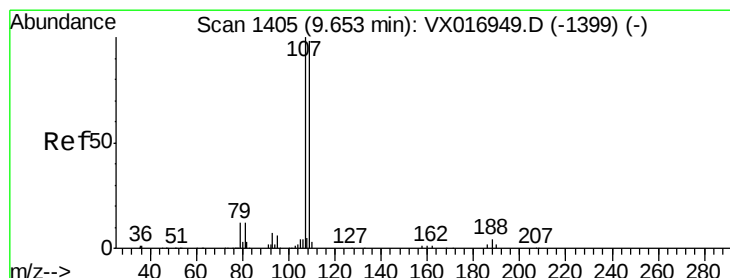
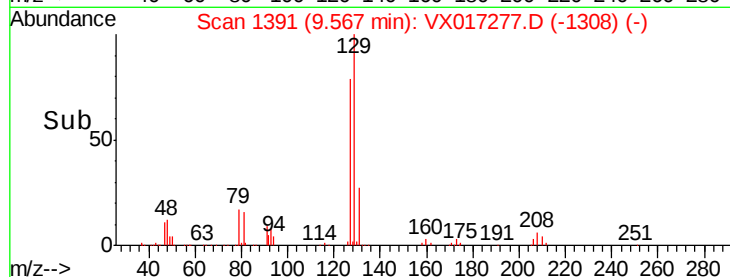
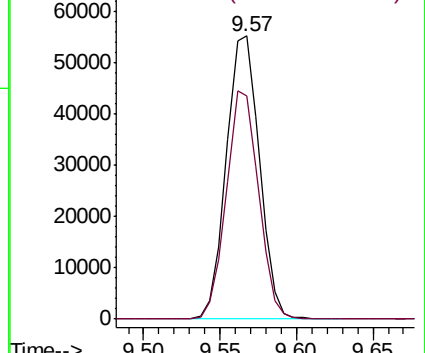
129 100

127 78.4 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 22.700 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017277.D

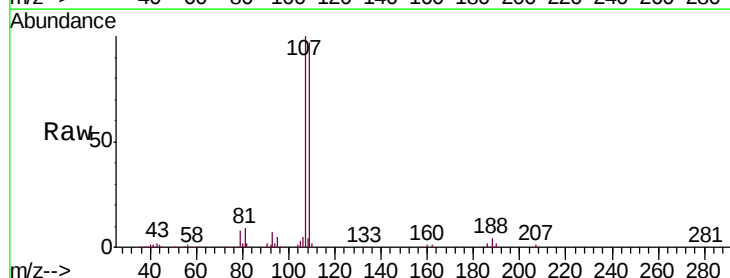
Acq: 08 Jul 2020 23:47

Tgt Ion:107 Resp: 75208

Ion Ratio Lower Upper

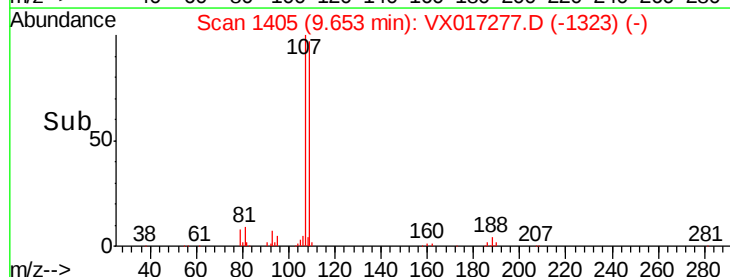
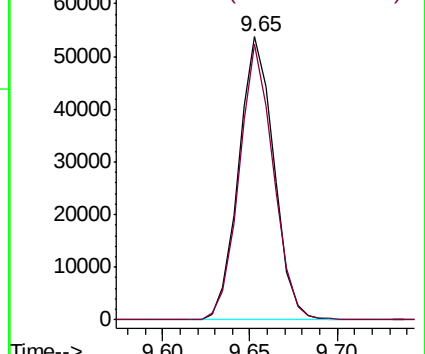
107 100

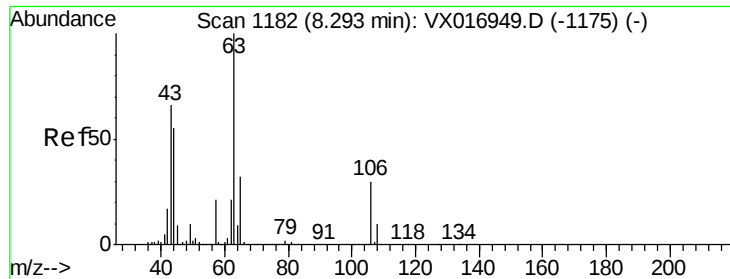
109 94.7 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

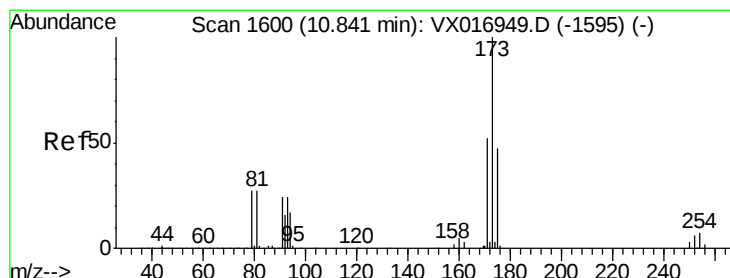
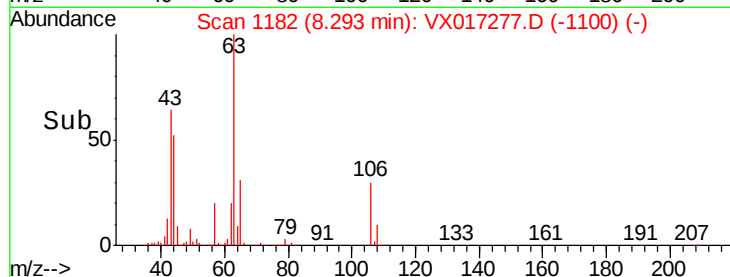
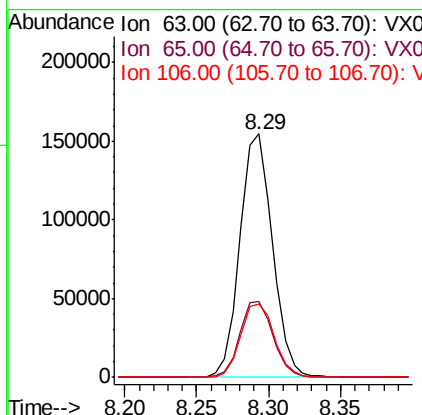
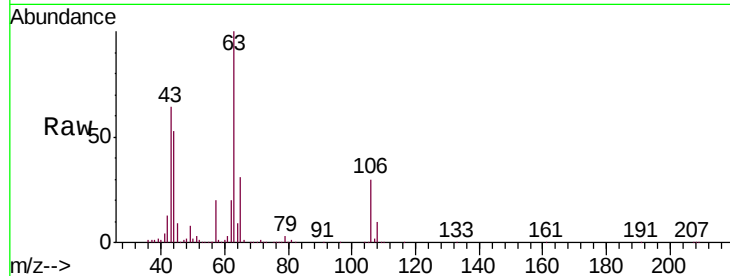




#55
 2-Chloroethyl vinyl ether
 Concen: 96.300 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

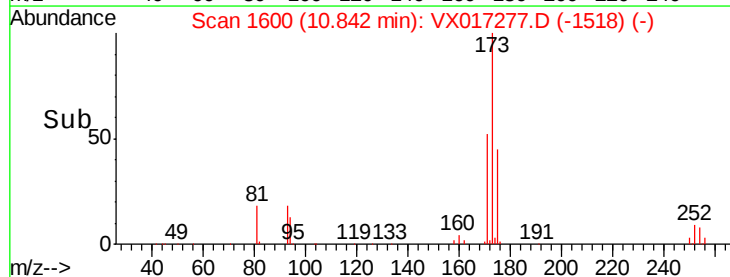
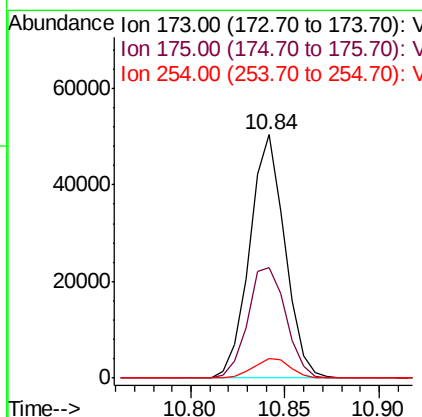
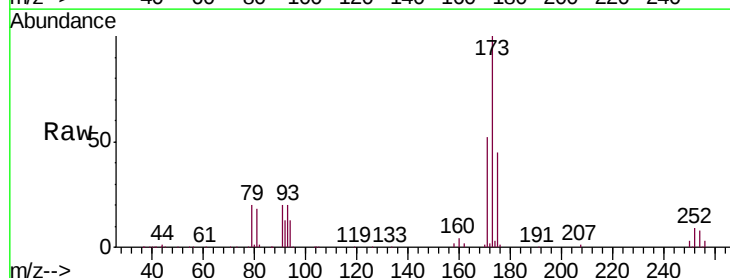
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD02

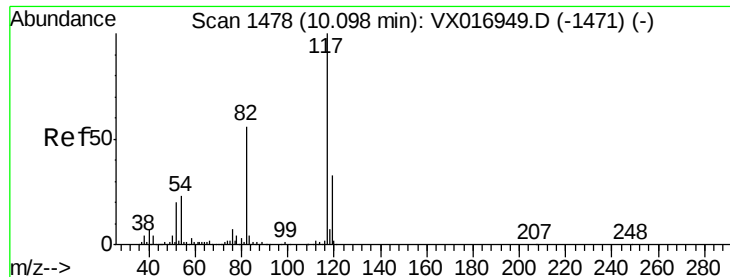
Tgt Ion: 63 Resp: 242824
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.9 38.9
 106 31.2 22.6 33.8



#56
 Bromoform
 Concen: 25.644 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Tgt Ion: 173 Resp: 65326
 Ion Ratio Lower Upper
 173 100
 175 49.2 38.7 58.1
 254 8.5 5.8 8.6

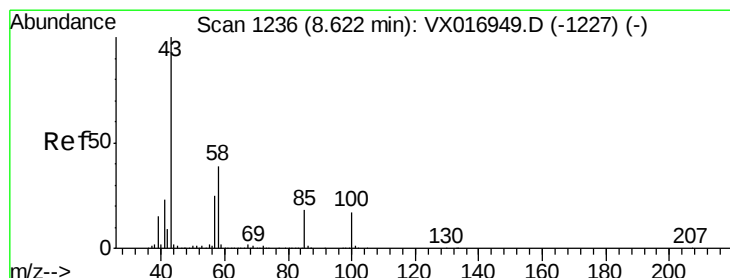
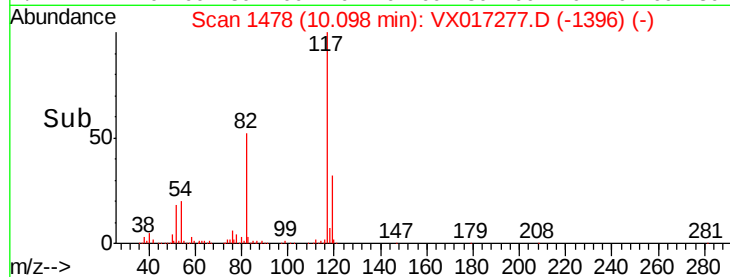
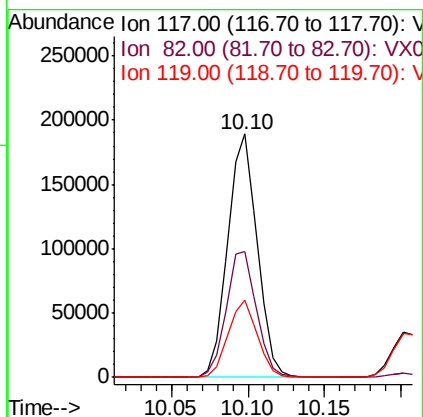
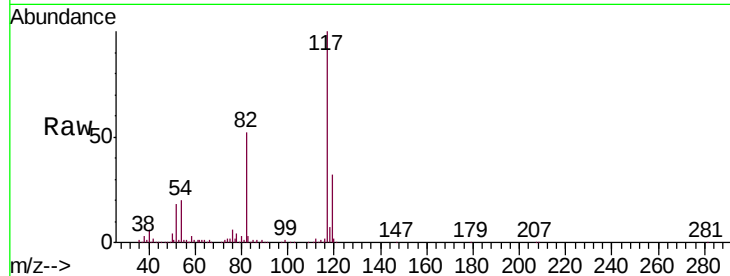




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

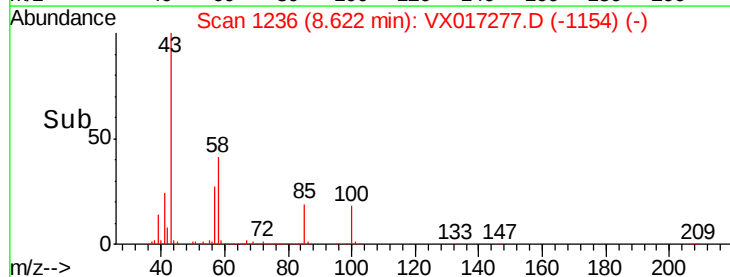
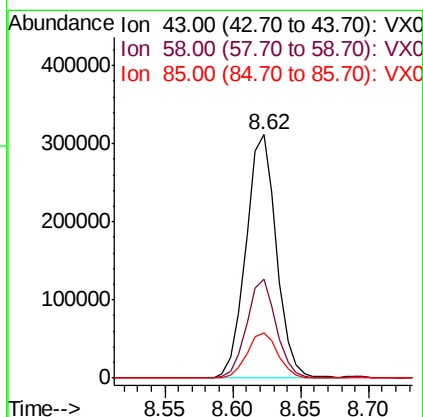
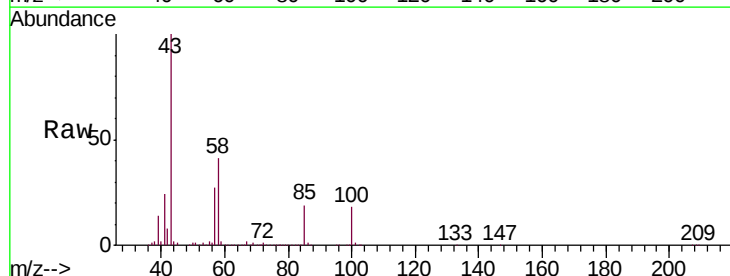
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

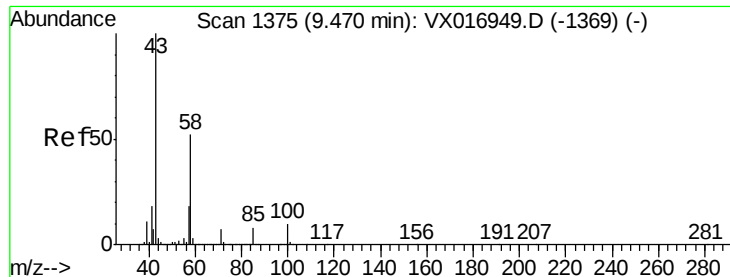
Tgt Ion: 117 Resp: 252329
Ion Ratio Lower Upper
117 100
82 53.3 44.9 67.3
119 31.4 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 105.205 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion: 43 Resp: 488988
Ion Ratio Lower Upper
43 100
58 39.6 30.4 45.6
85 18.9 13.5 20.3

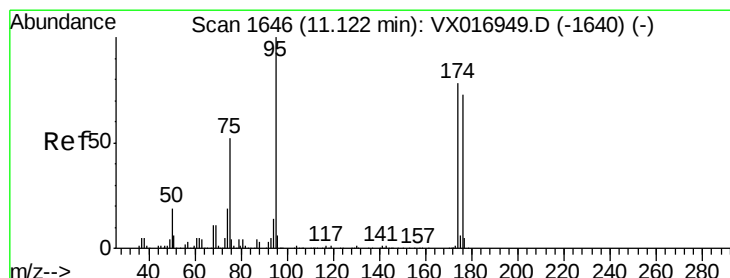
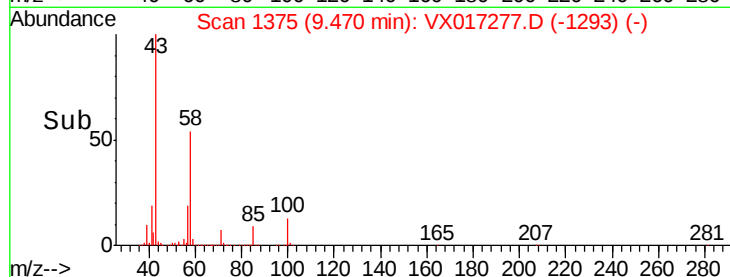
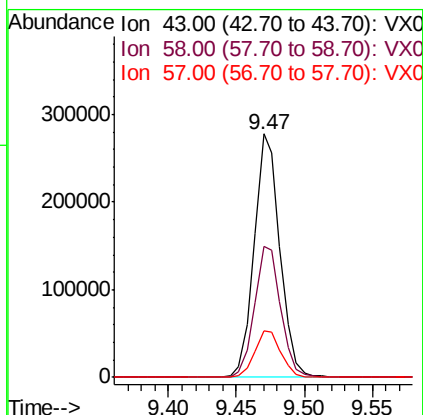
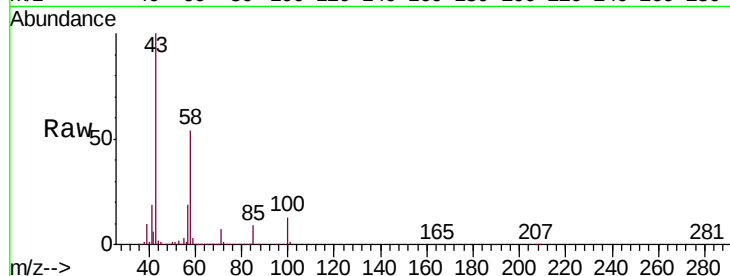




#59
2-Hexanone
Concen: 106.815 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

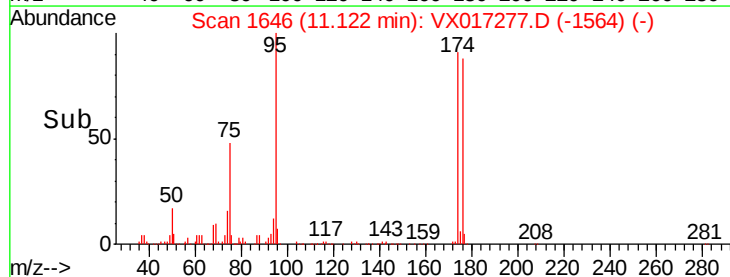
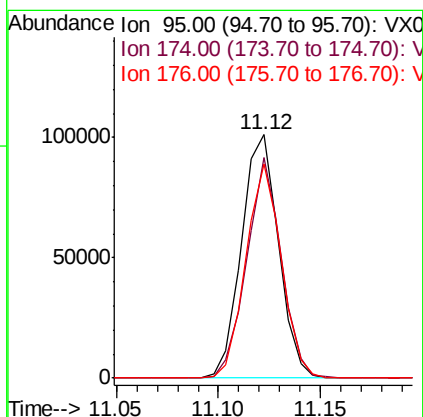
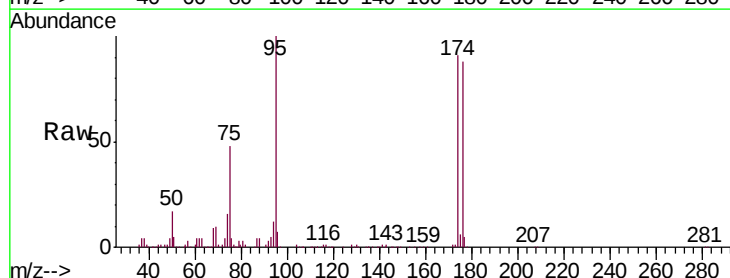
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

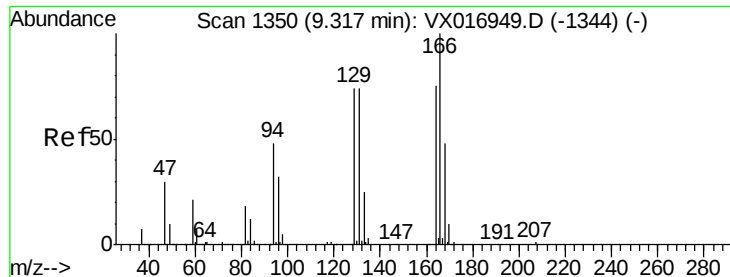
Tgt Ion: 43 Resp: 370525
Ion Ratio Lower Upper
43 100
58 55.1 42.3 63.5
57 19.6 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 30.240 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion: 95 Resp: 127255
Ion Ratio Lower Upper
95 100
174 85.3 62.2 93.4
176 84.8 58.9 88.3





#61

Tetrachloroethene

Concen: 24.582 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

Tgt Ion:164 Resp: 79105

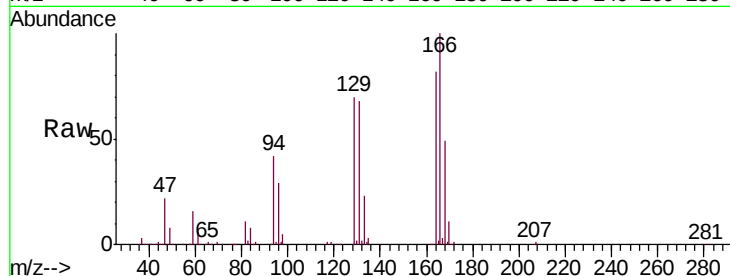
Ion Ratio Lower Upper

164 100

166 121.9 106.3 159.5

129 85.3 78.9 118.3

131 83.5 78.2 117.4

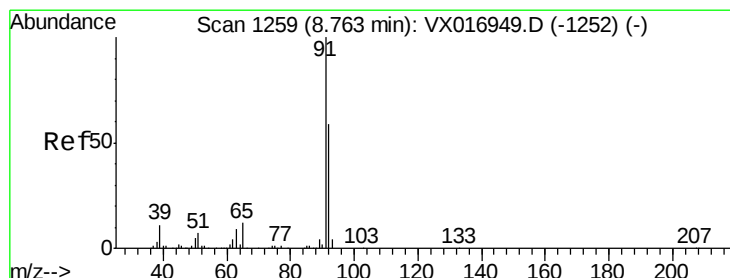
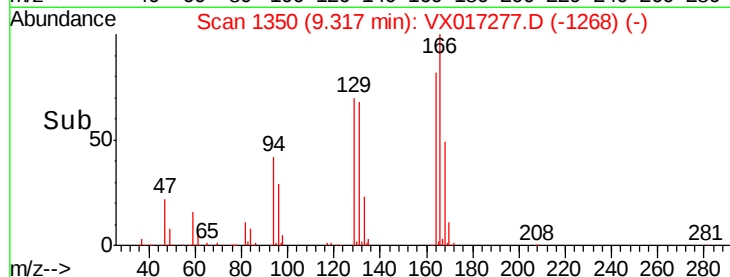
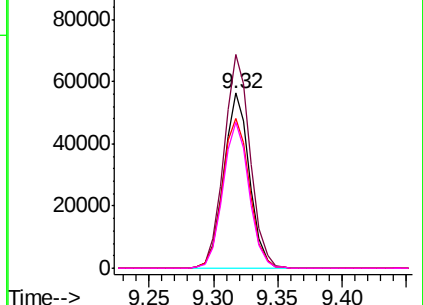


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.784 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017277.D

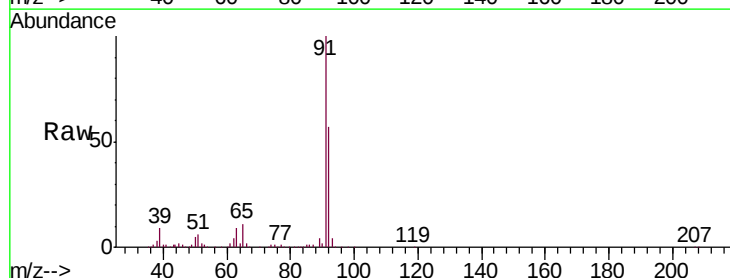
Acq: 08 Jul 2020 23:47

Tgt Ion: 91 Resp: 286846

Ion Ratio Lower Upper

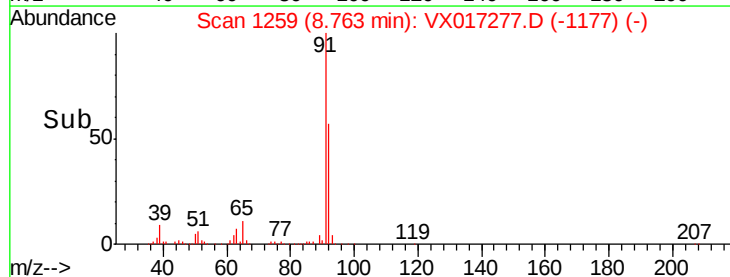
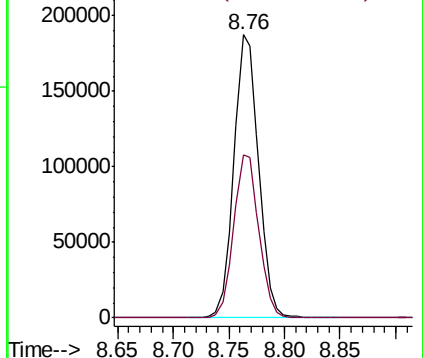
91 100

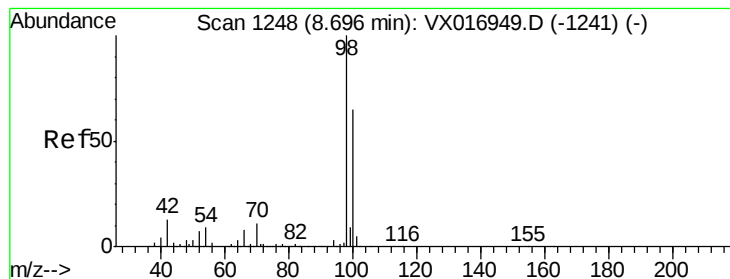
92 58.8 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 28.865 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

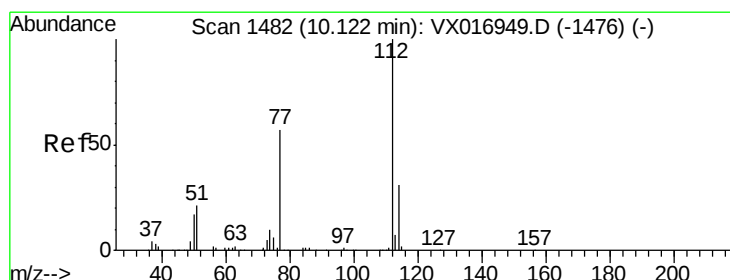
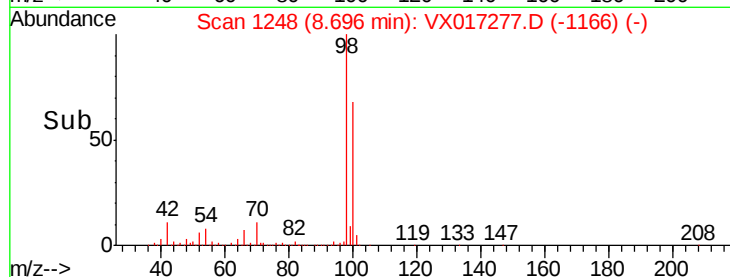
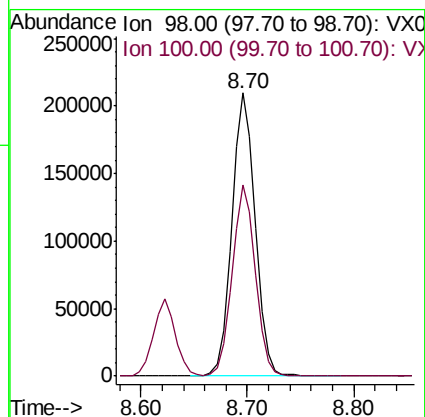
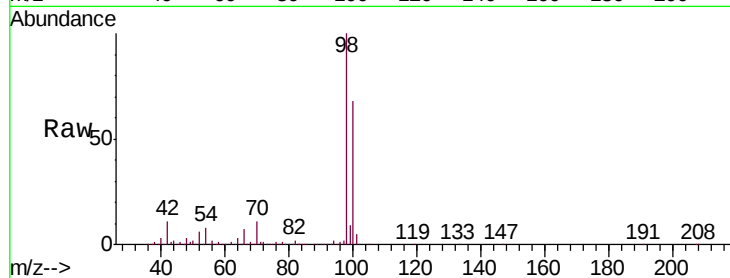
VX0708WBSD02

Tgt Ion: 98 Resp: 321057

Ion Ratio Lower Upper

98 100

100 67.4 52.3 78.5



#64

Chlorobenzene

Concen: 21.701 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017277.D

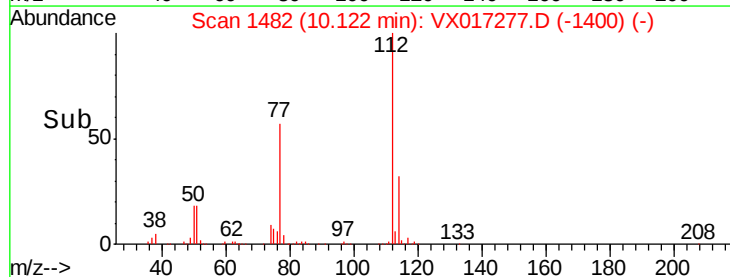
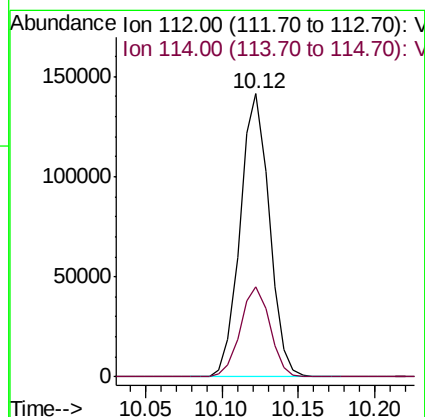
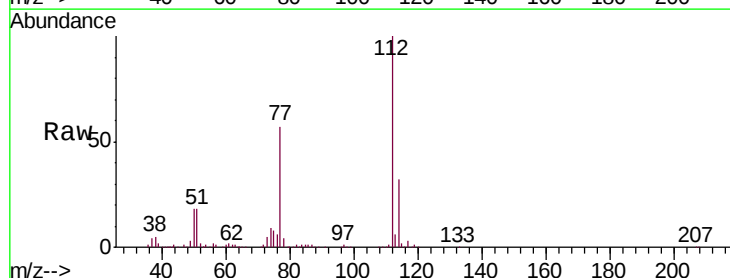
Acq: 08 Jul 2020 23:47

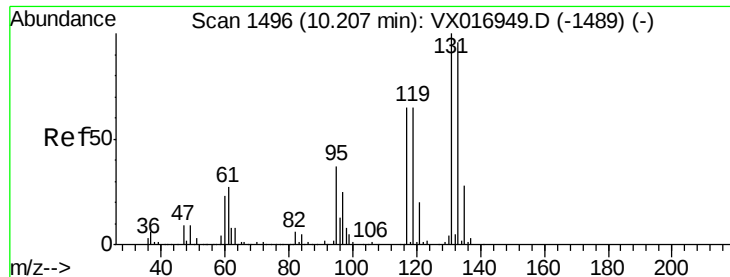
Tgt Ion: 112 Resp: 187639

Ion Ratio Lower Upper

112 100

114 32.0 24.9 37.3

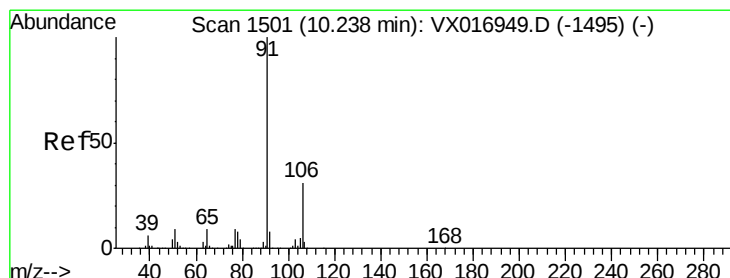
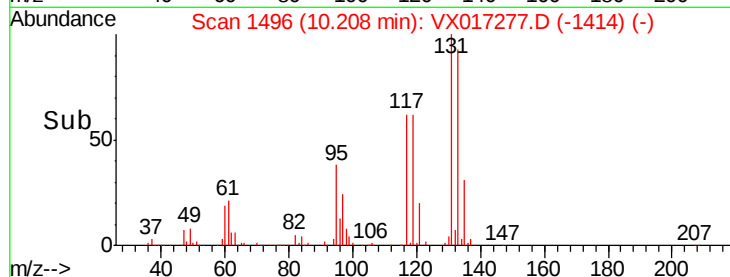
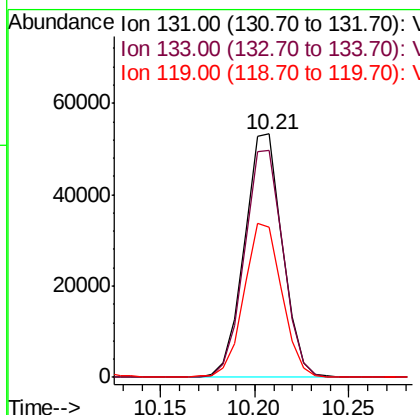
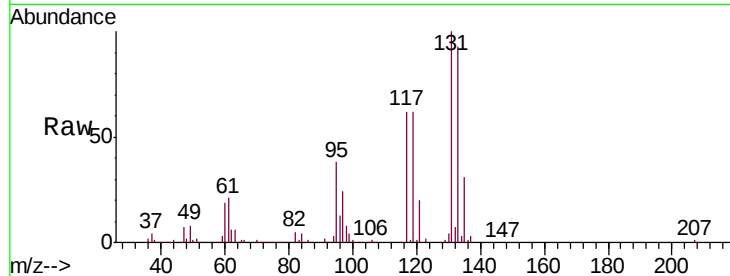




#65
 1,1,1,2-Tetrachloroethane
 Concen: 22.911 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

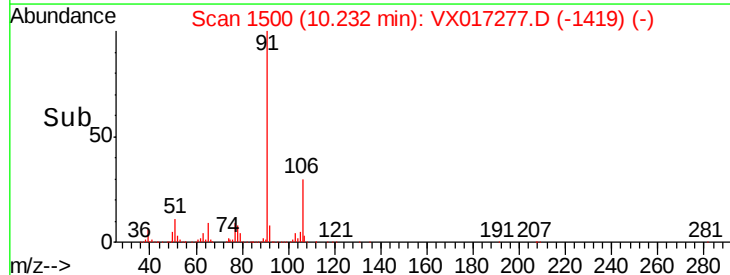
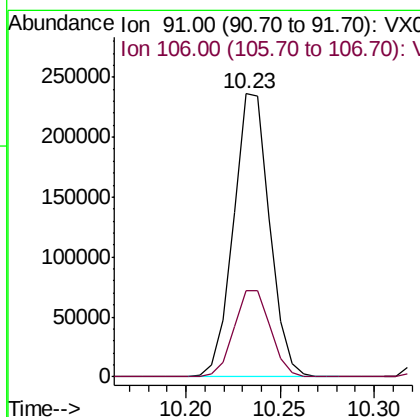
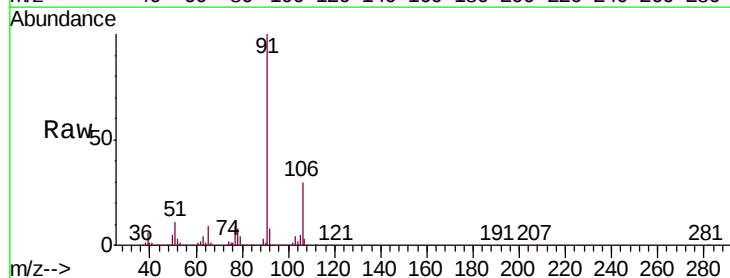
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD02

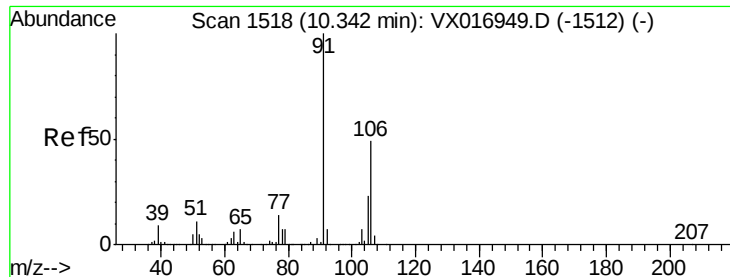
Tgt Ion:131 Resp: 74574
 Ion Ratio Lower Upper
 131 100
 133 94.7 0.0 190.2
 119 63.1 0.0 133.2



#66
 Ethyl Benzene
 Concen: 20.485 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Tgt Ion: 91 Resp: 313512
 Ion Ratio Lower Upper
 91 100
 106 30.4 24.8 37.2





#67

m/p-Xylenes

Concen: 42.800 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

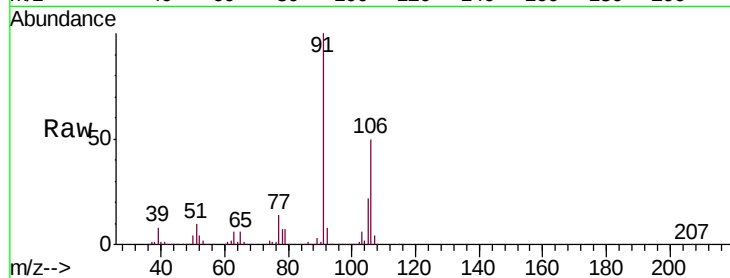
VX0708WBSD02

Tgt Ion:106 Resp: 247108

Ion Ratio Lower Upper

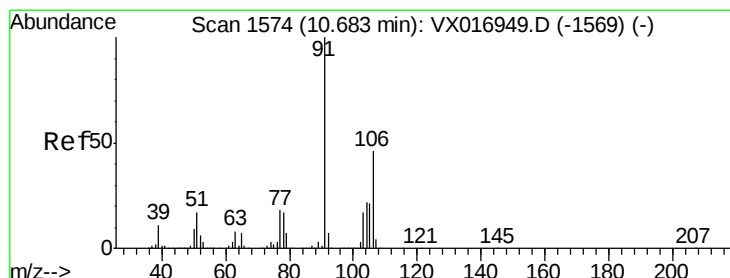
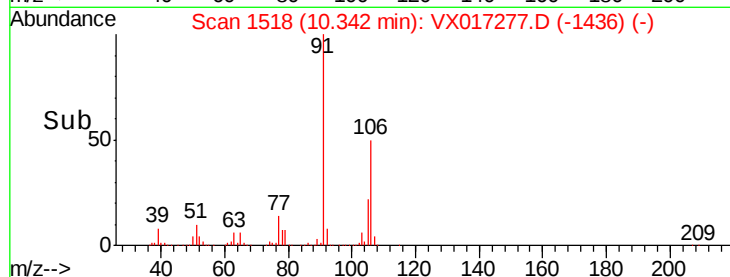
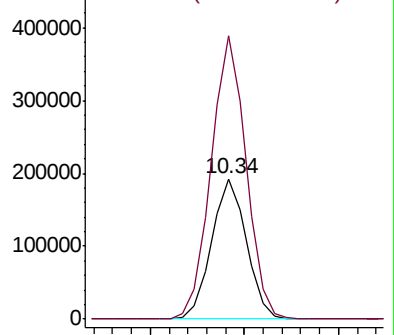
106 100

91 201.5 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 21.168 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX017277.D

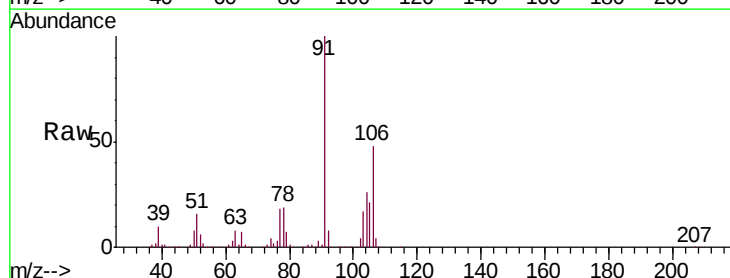
Acq: 08 Jul 2020 23:47

Tgt Ion:106 Resp: 117399

Ion Ratio Lower Upper

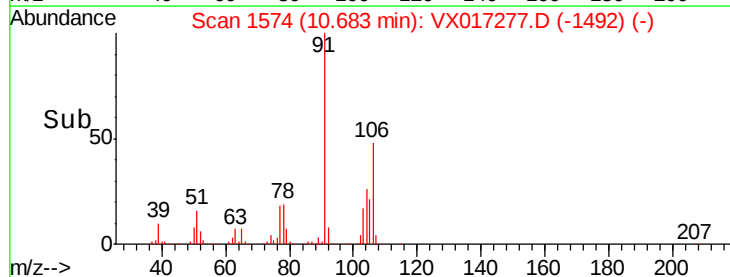
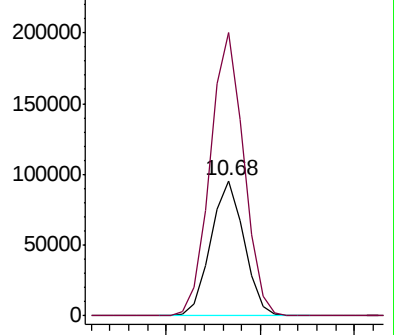
106 100

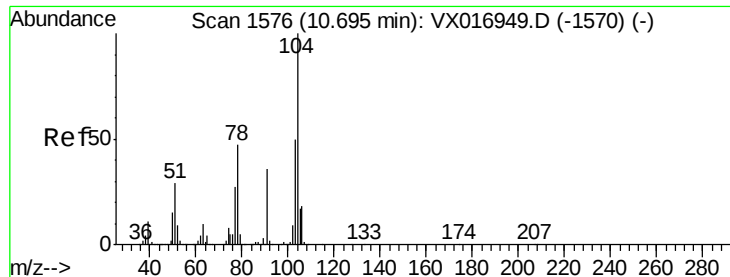
91 210.7 107.3 321.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Styrene

Concen: 21.736 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

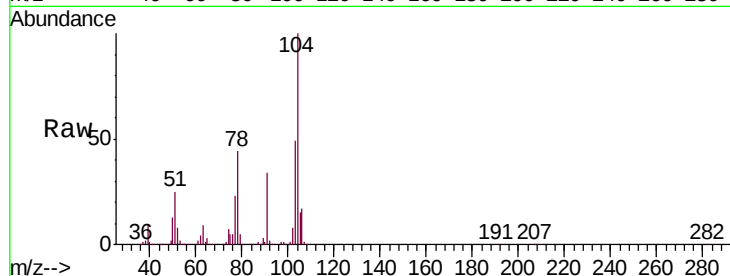
Tgt Ion:104 Resp: 206403

Ion Ratio Lower Upper

104 100

78 49.5 42.6 64.0

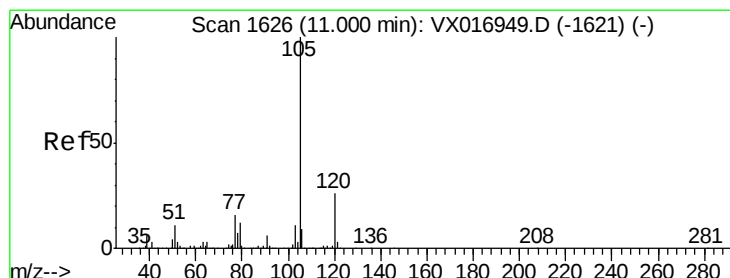
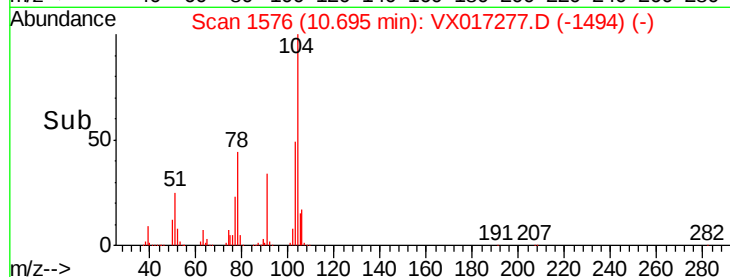
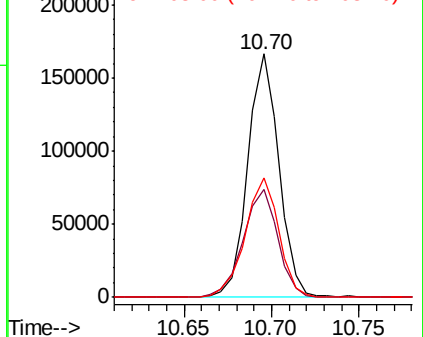
103 53.3 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 20.992 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017277.D

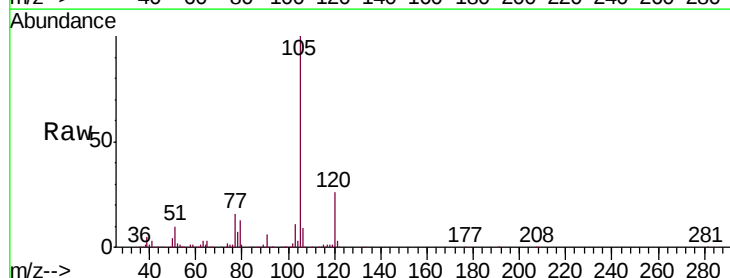
Acq: 08 Jul 2020 23:47

Tgt Ion:105 Resp: 315767

Ion Ratio Lower Upper

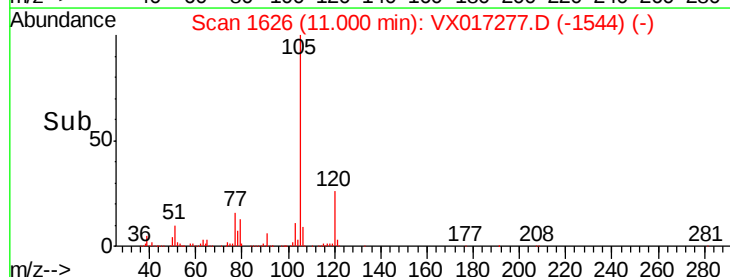
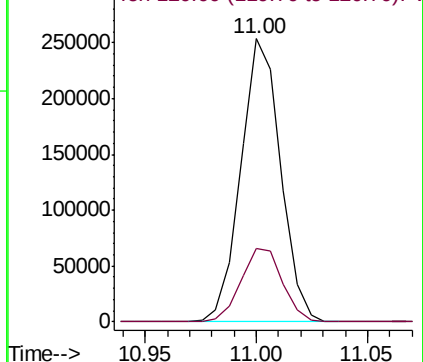
105 100

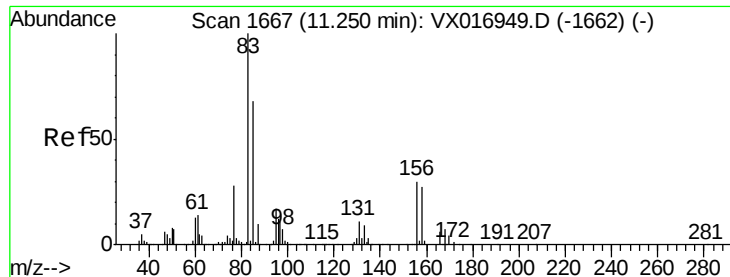
120 27.0 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 21.804 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

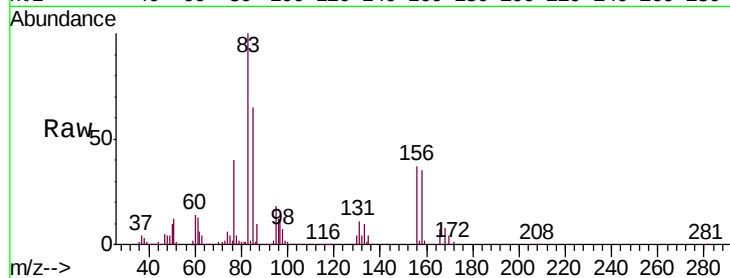
Tgt Ion: 83 Resp: 100729

Ion Ratio Lower Upper

83 100

131 11.6 5.2 15.6

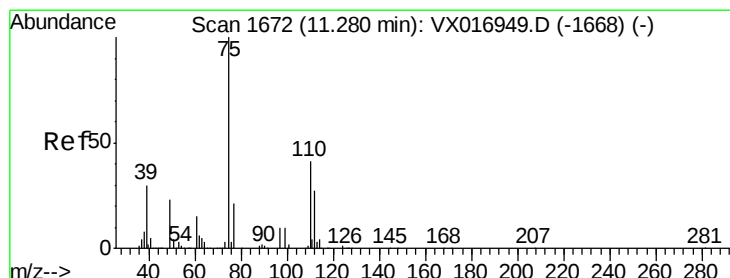
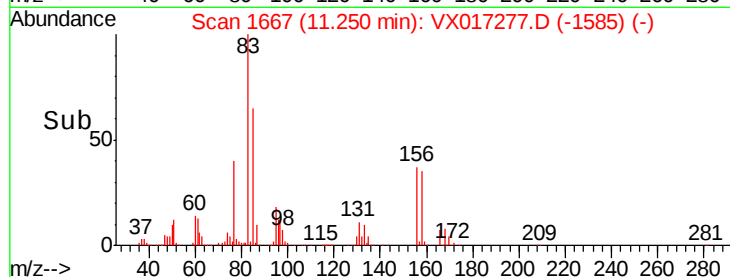
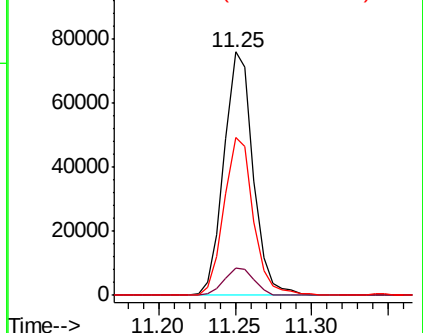
85 65.2 33.1 99.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 28.651 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017277.D

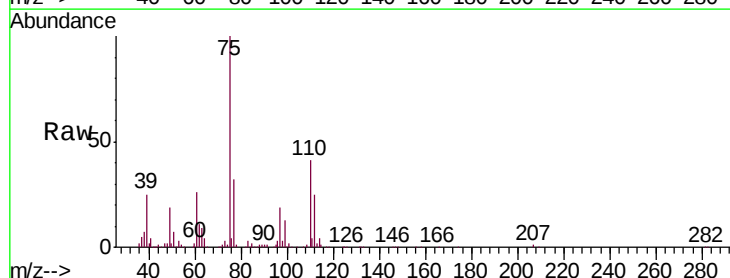
Acq: 08 Jul 2020 23:47

Tgt Ion: 75 Resp: 127108

Ion Ratio Lower Upper

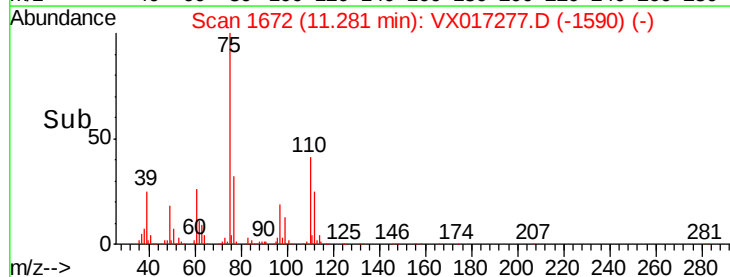
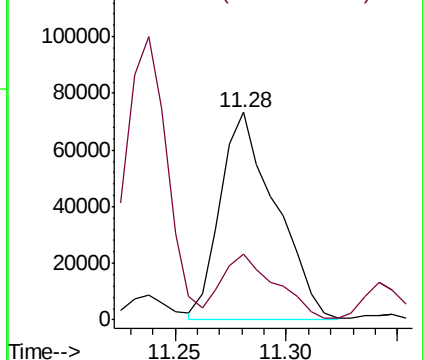
75 100

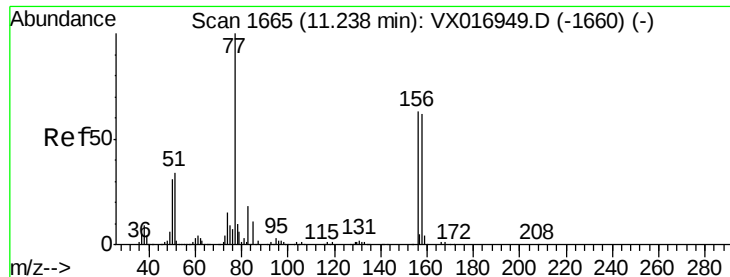
77 29.4 0.0 77.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 23.514 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampled :

VX0708WBSD02

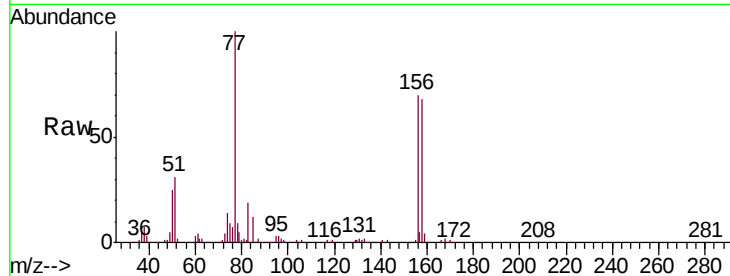
Tgt Ion:156 Resp: 89267

Ion Ratio Lower Upper

156 100

77 146.5 0.0 317.2

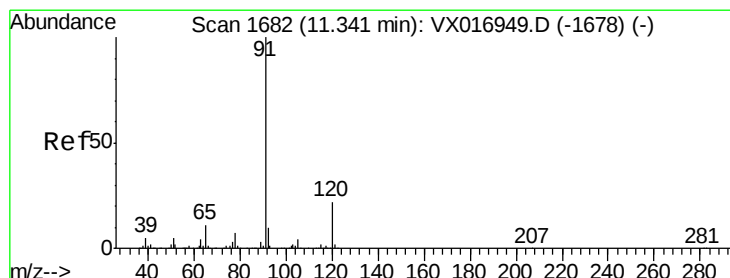
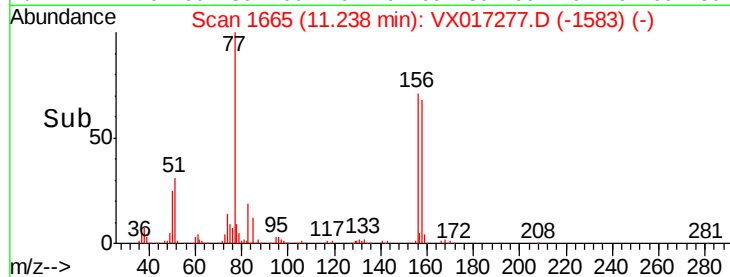
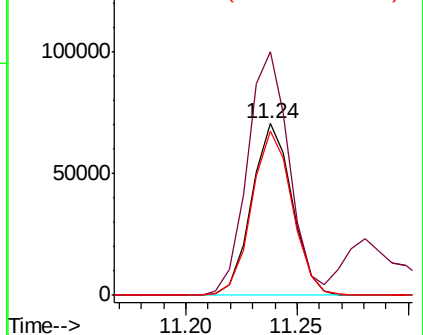
158 95.9 0.0 188.4



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: 20.330 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017277.D

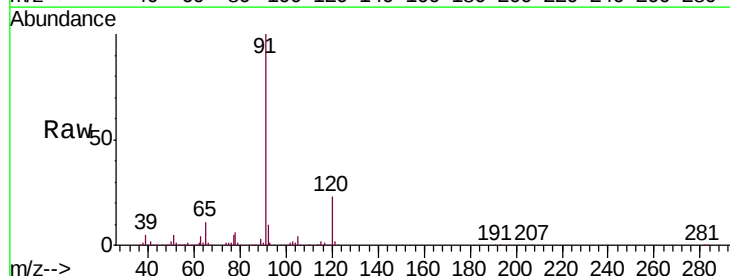
Acq: 08 Jul 2020 23:47

Tgt Ion: 91 Resp: 363090

Ion Ratio Lower Upper

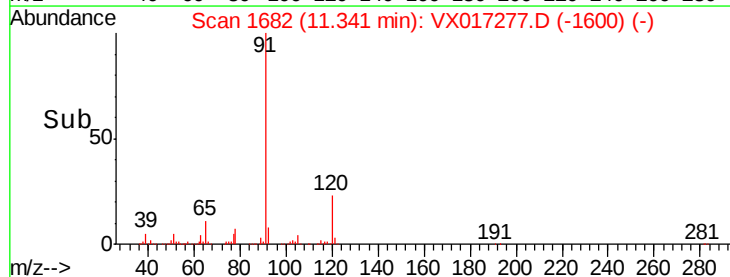
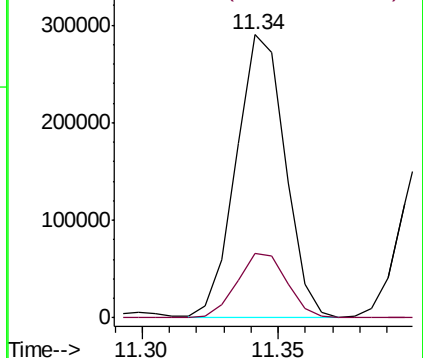
91 100

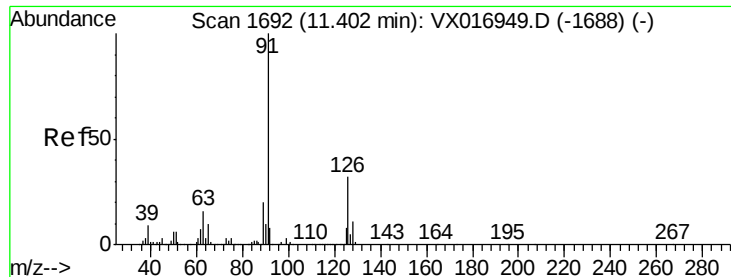
120 23.3 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

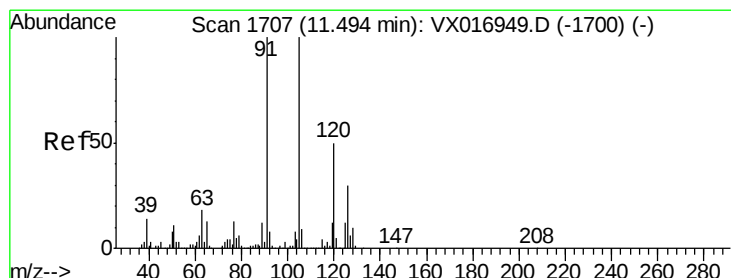
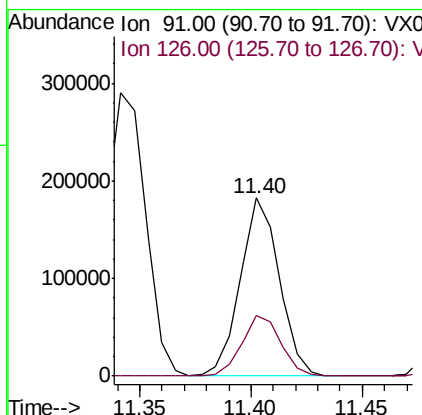
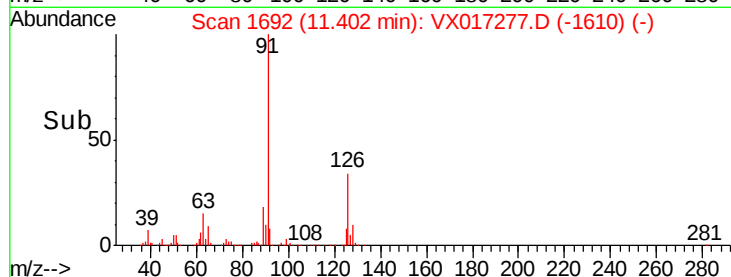
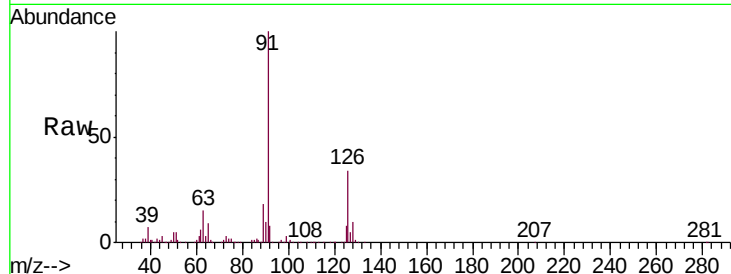




#75
 2-Chlorotoluene
 Concen: 21.479 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

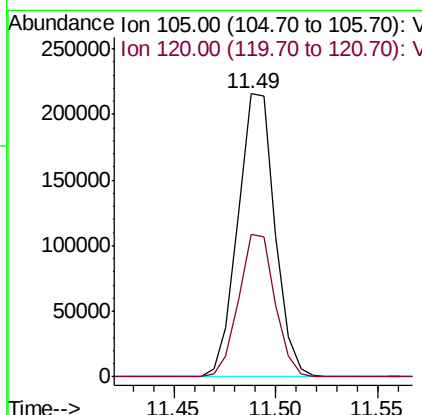
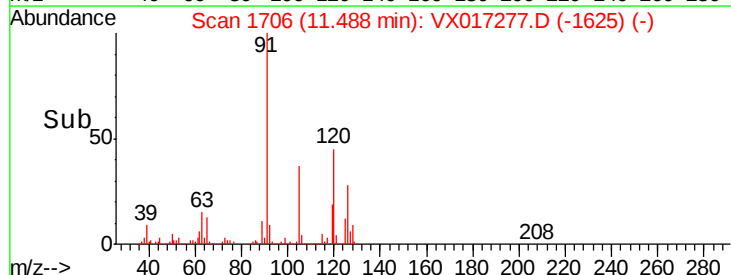
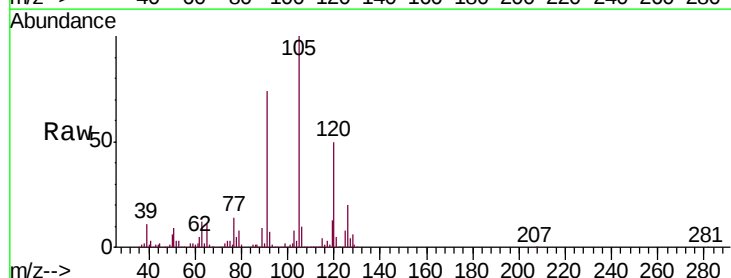
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD02

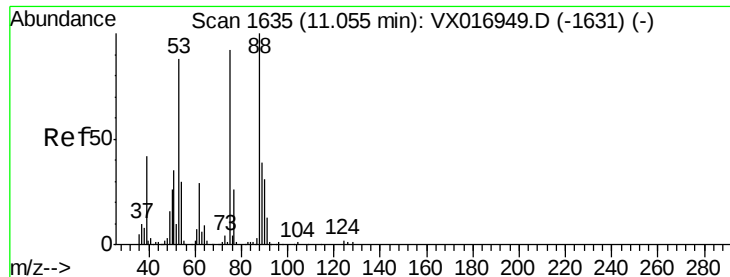
Tgt Ion: 91 Resp: 223696
 Ion Ratio Lower Upper
 91 100
 126 34.4 0.0 68.0



#76
 1,3,5-Trimethylbenzene
 Concen: 21.499 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Tgt Ion: 105 Resp: 271447
 Ion Ratio Lower Upper
 105 100
 120 49.5 0.0 99.4





#77

t-1,4-Dichloro-2-butene

Concen: 19.498 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

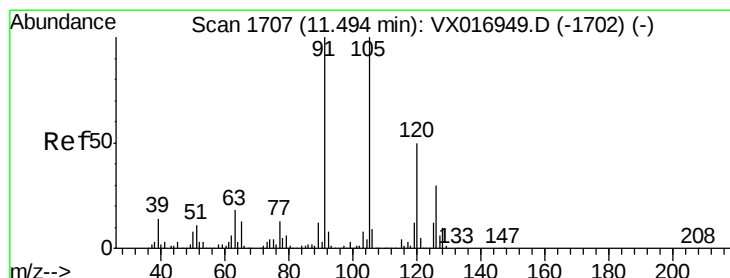
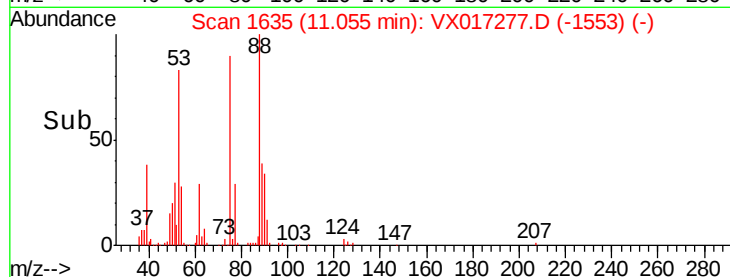
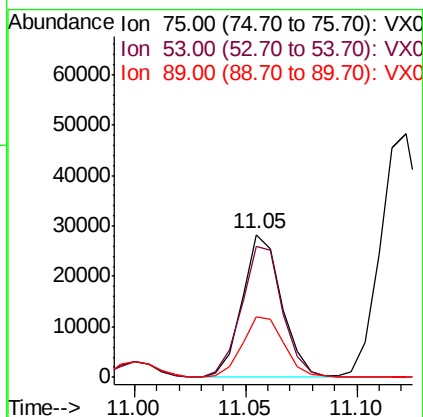
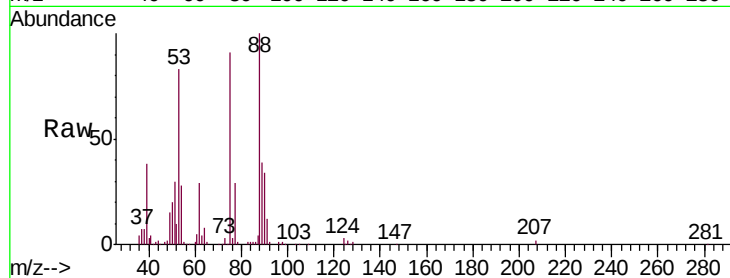
Tgt Ion: 75 Resp: 35055

Ion Ratio Lower Upper

75 100

53 91.6 47.6 142.9

89 42.7 21.1 63.4



#78

4-Chlorotoluene

Concen: 21.411 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017277.D

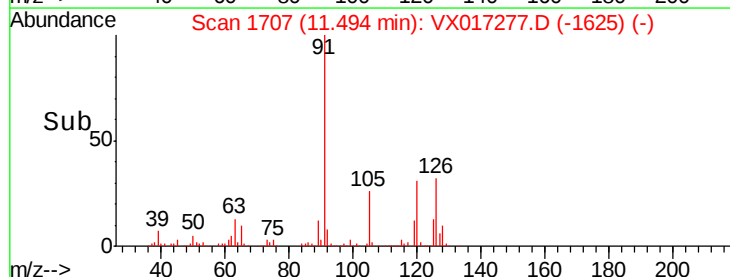
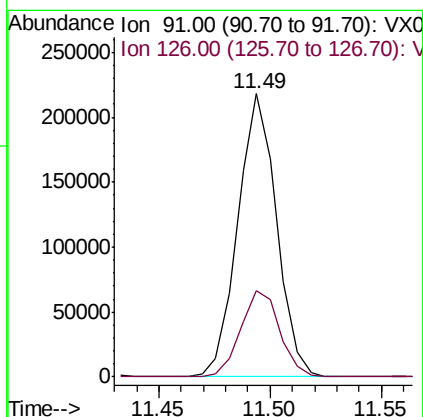
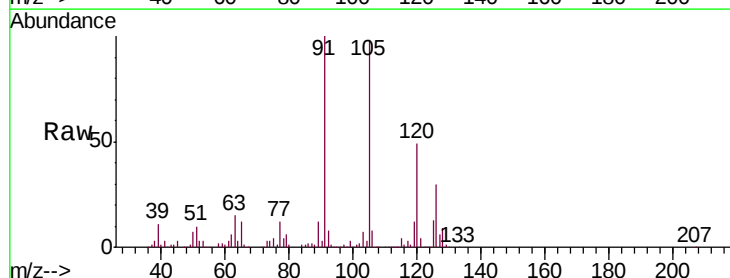
Acq: 08 Jul 2020 23:47

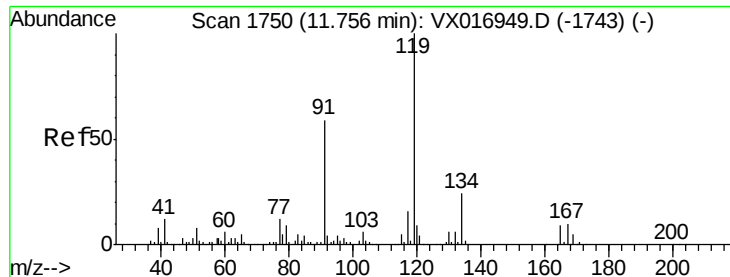
Tgt Ion: 91 Resp: 264023

Ion Ratio Lower Upper

91 100

126 30.8 0.0 60.6

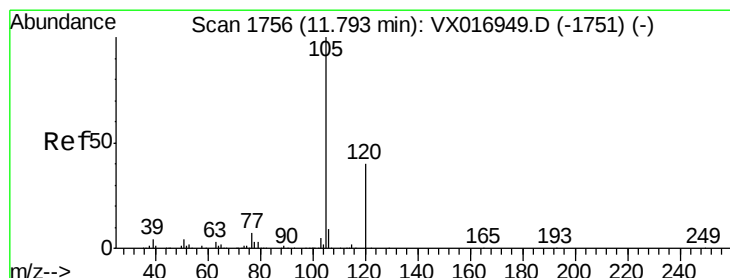
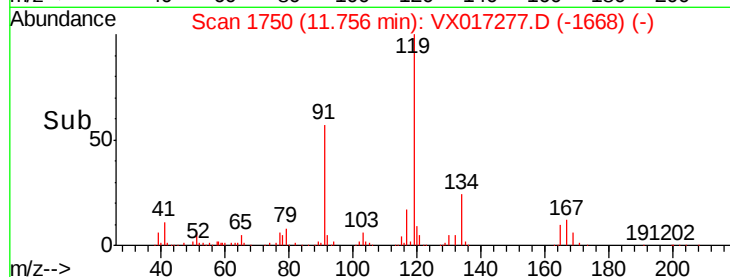
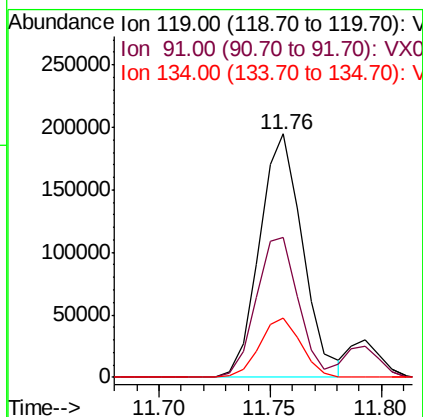
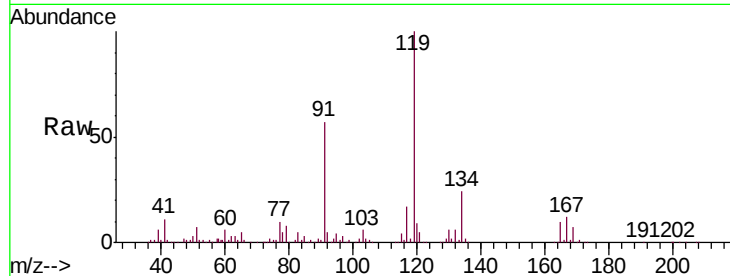




#79
tert-butylbenzene
Concen: 21.676 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

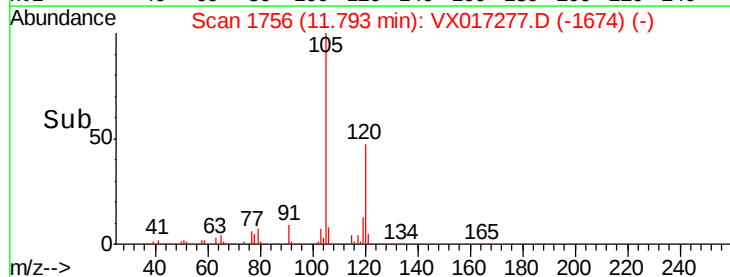
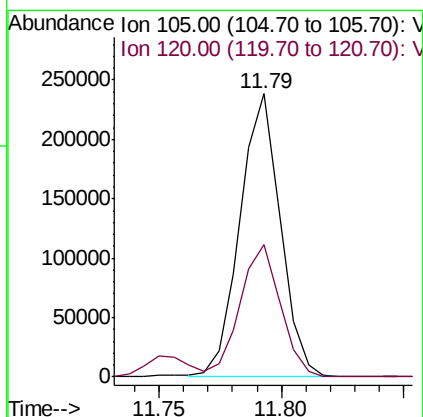
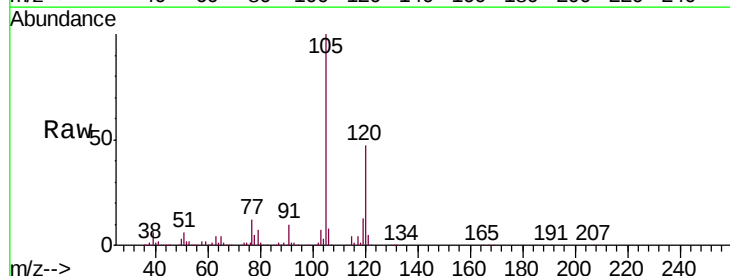
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

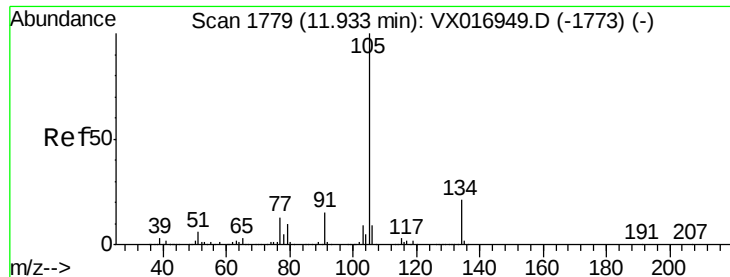
Tgt Ion:119 Resp: 262181
Ion Ratio Lower Upper
119 100
91 56.1 0.0 115.2
134 23.4 0.0 45.8



#80
1,2,4-Trimethylbenzene
Concen: 21.616 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion:105 Resp: 274000
Ion Ratio Lower Upper
105 100
120 46.7 0.0 89.8

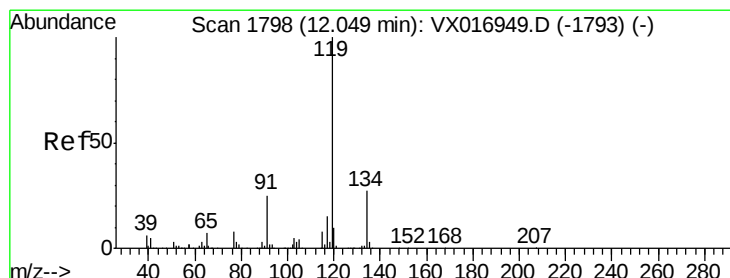
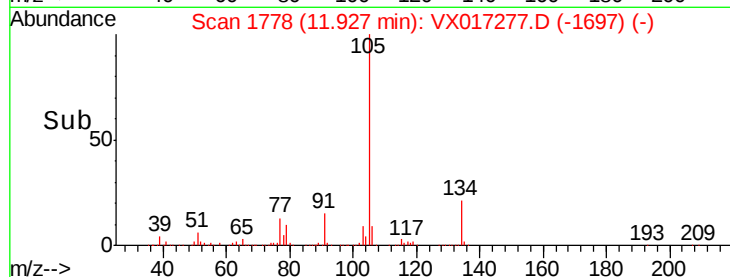
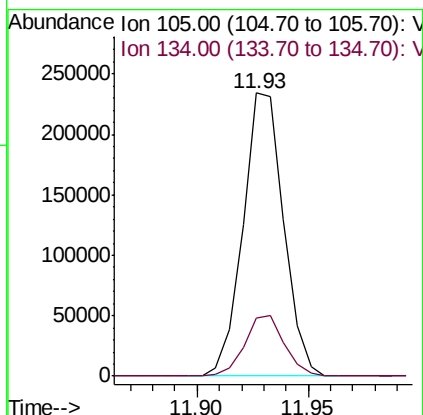
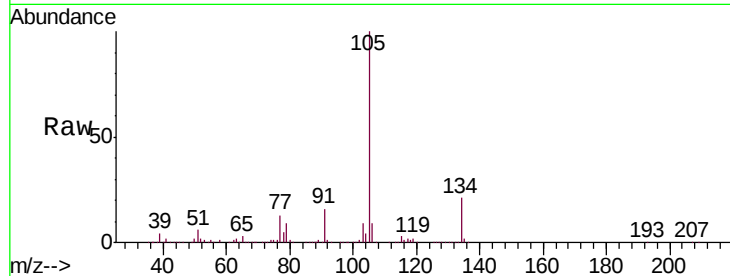




#81
 sec-Butylbenzene
 Concen: 20.414 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

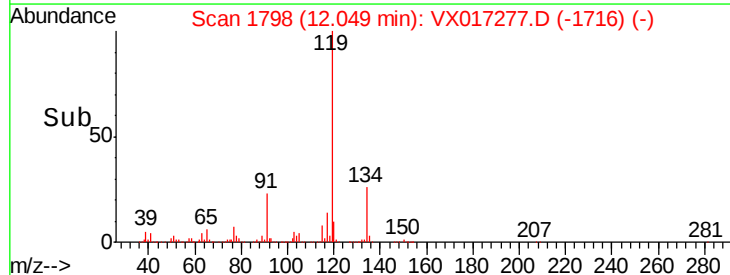
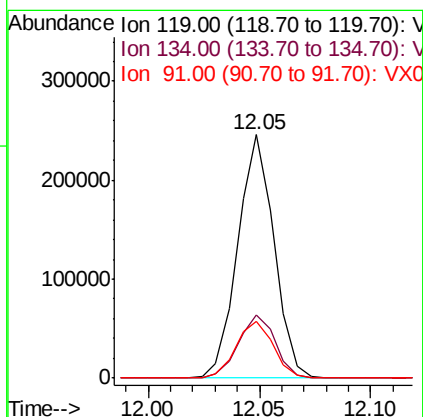
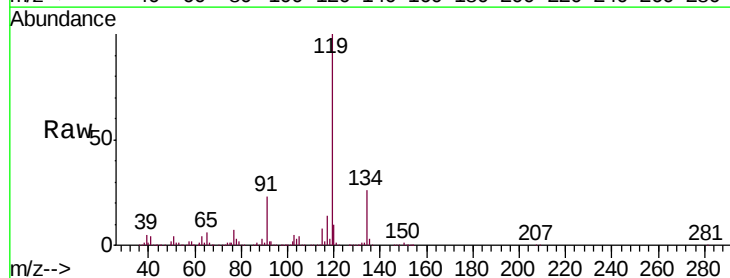
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD02

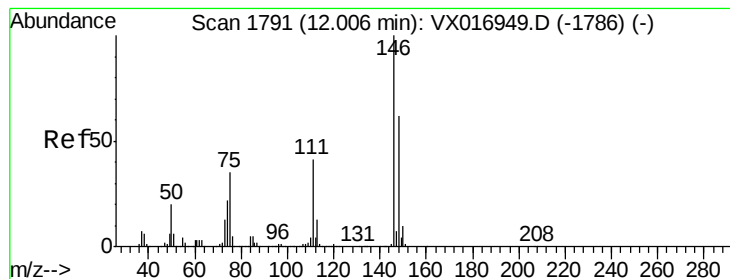
Tgt Ion:105 Resp: 298952
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 21.019 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Tgt Ion:119 Resp: 277921
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 53.0
 91 24.1 0.0 49.0





#83

1,3-Dichlorobenzene

Concen: 23.366 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampled :

VX0708WBSD02

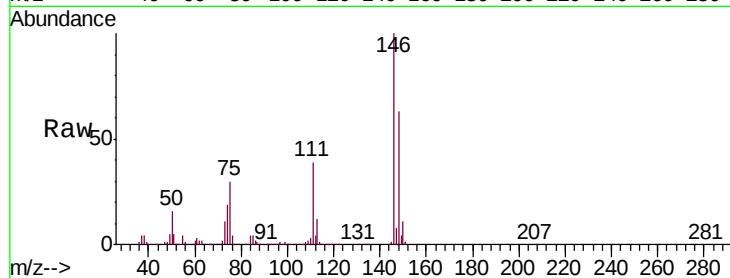
Tgt Ion:146 Resp: 158958

Ion Ratio Lower Upper

146 100

111 38.1 19.5 58.5

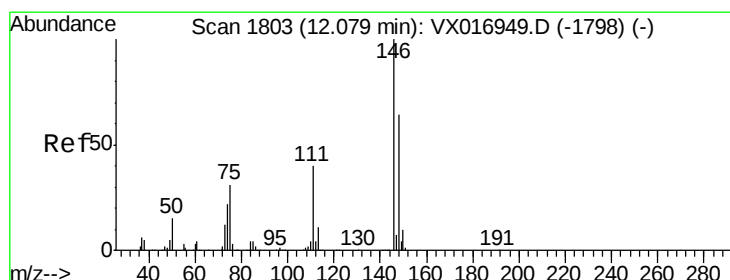
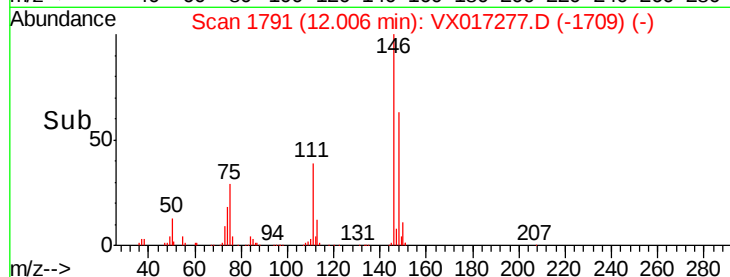
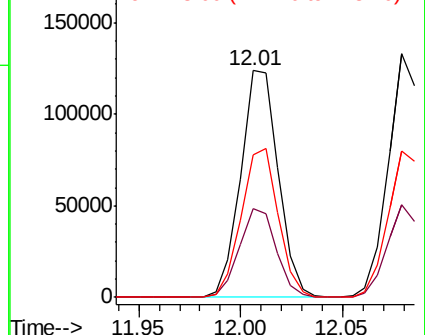
148 64.7 31.8 95.4



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: 23.656 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

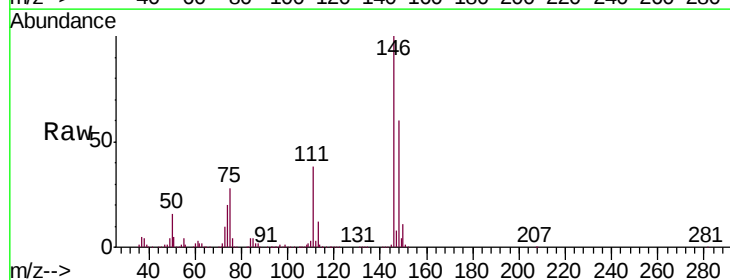
Tgt Ion:146 Resp: 161699

Ion Ratio Lower Upper

146 100

111 37.5 19.4 58.2

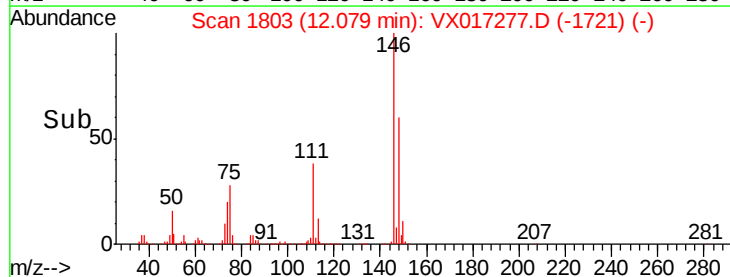
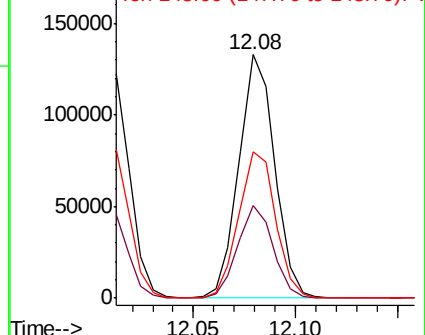
148 62.2 32.1 96.3

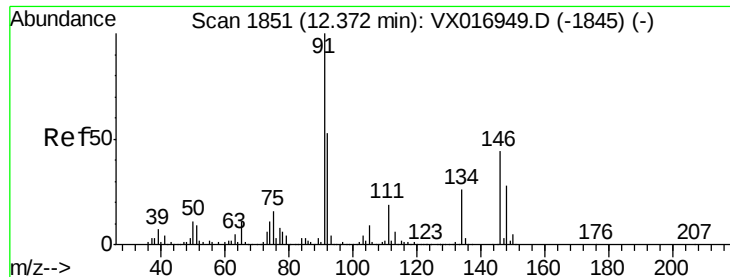


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

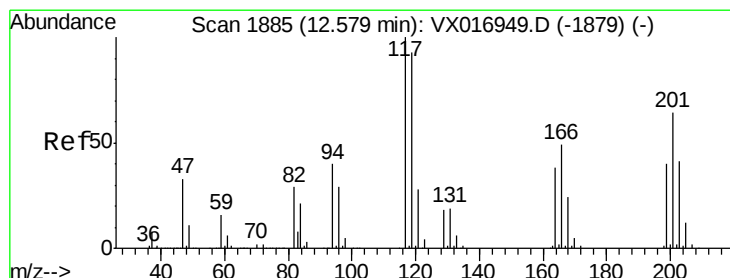
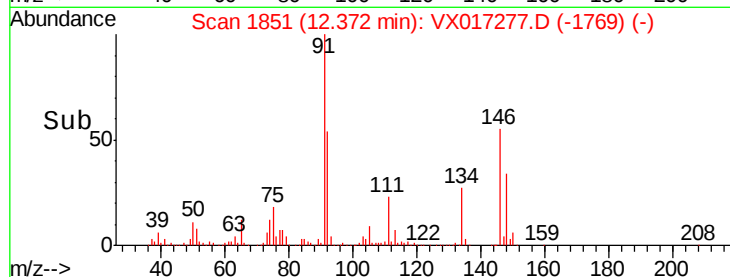
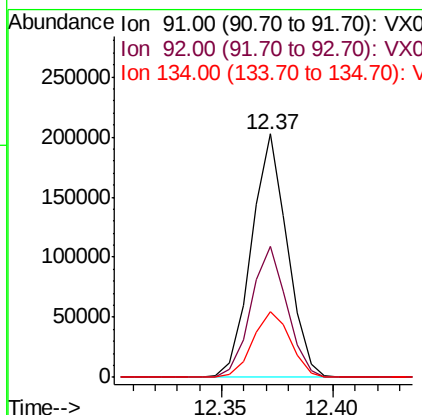
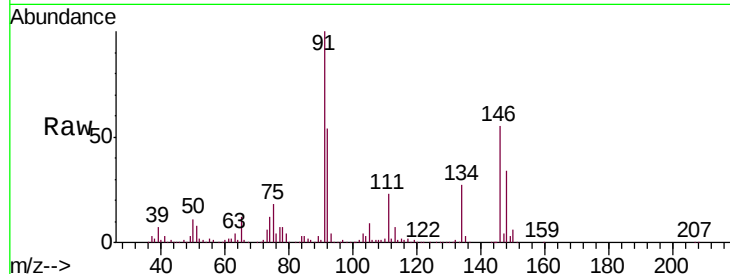




#85
n-Butylbenzene
Concen: 18.551 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

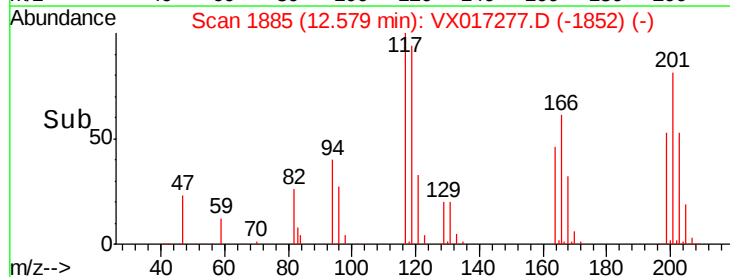
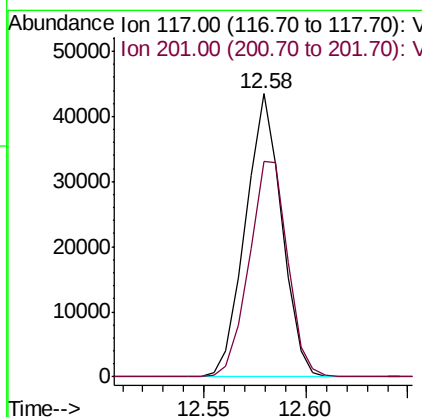
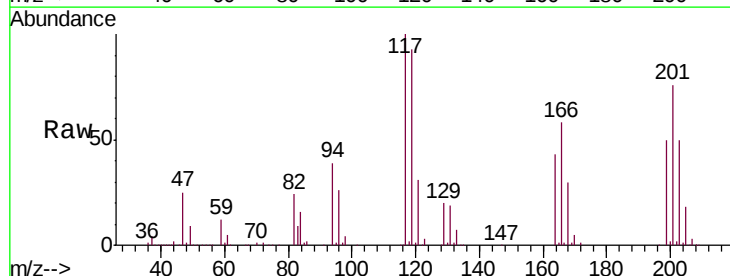
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

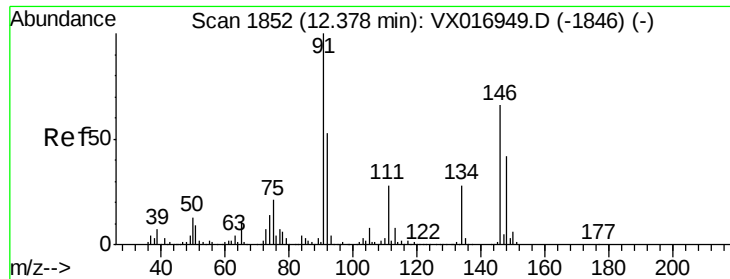
Tgt Ion: 91 Resp: 227046
Ion Ratio Lower Upper
91 100
92 54.1 0.0 105.8
134 28.2 0.0 52.2



#86
Hexachloroethane
Concen: 20.833 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion: 117 Resp: 53910
Ion Ratio Lower Upper
117 100
201 80.9 34.6 103.9

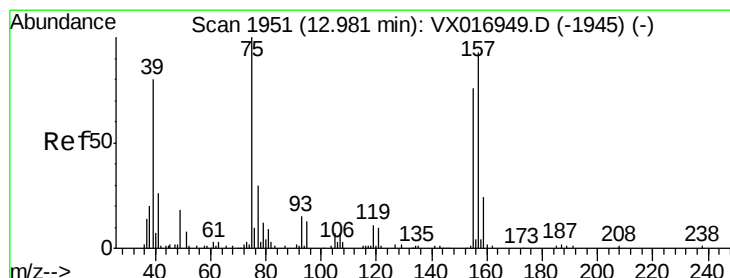
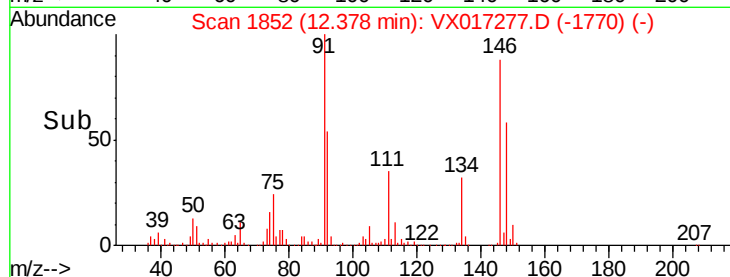
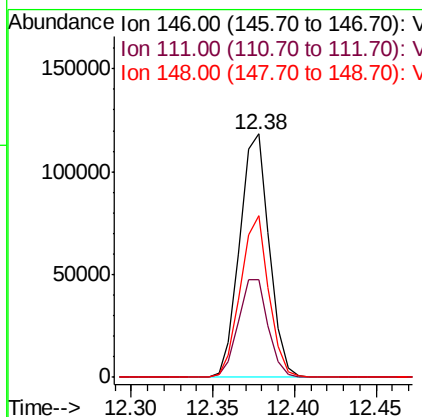
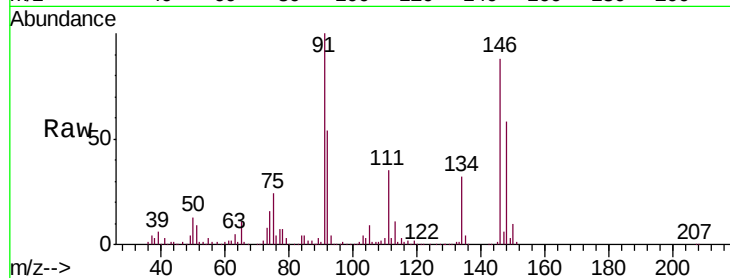




#87
 1,2-Dichlorobenzene
 Concen: 23.510 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

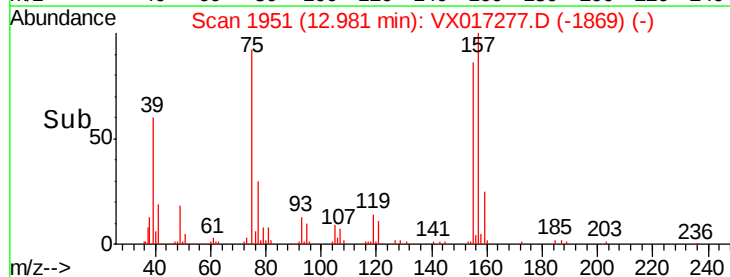
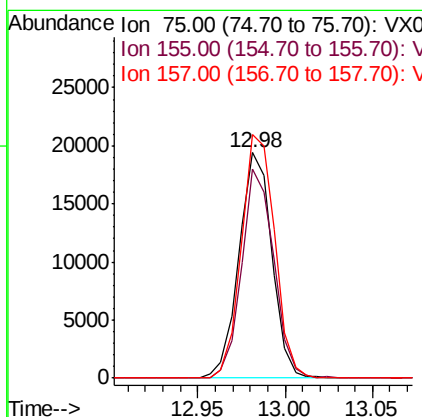
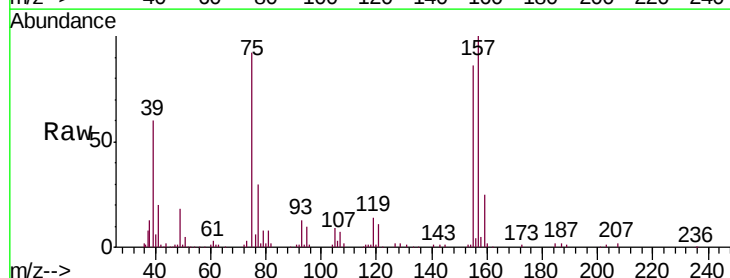
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD02

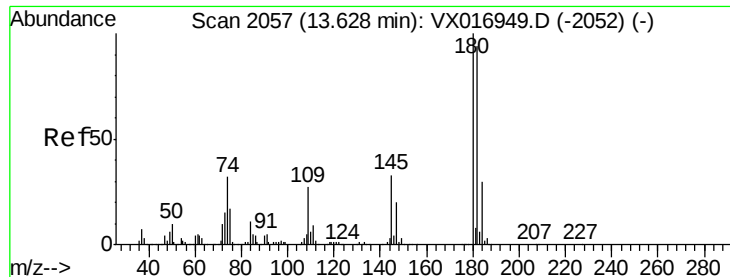
Tgt Ion:146 Resp: 149705
 Ion Ratio Lower Upper
 146 100
 111 40.4 21.1 63.1
 148 63.7 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 24.204 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Tgt Ion: 75 Resp: 25440
 Ion Ratio Lower Upper
 75 100
 155 90.1 65.0 97.6
 157 108.9 83.0 124.4





#89

1,2,4-Trichlorobenzene

Concen: 22.779 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

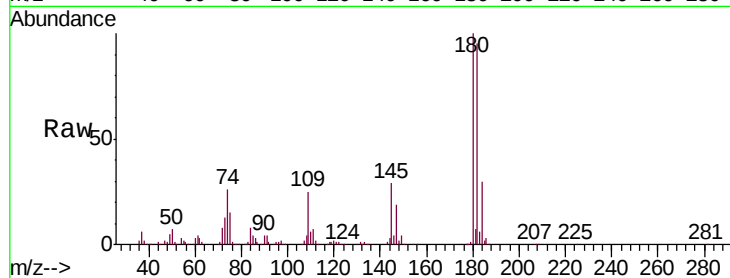
Tgt Ion:180 Resp: 97859

Ion Ratio Lower Upper

180 100

182 96.5 77.7 116.5

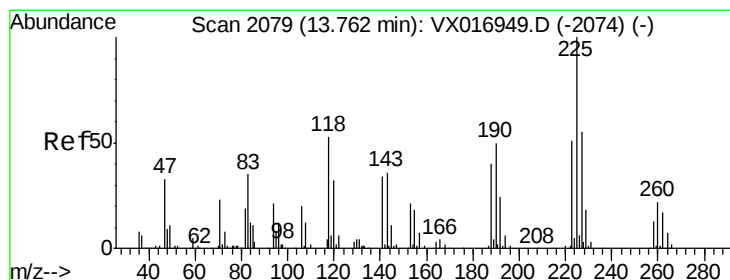
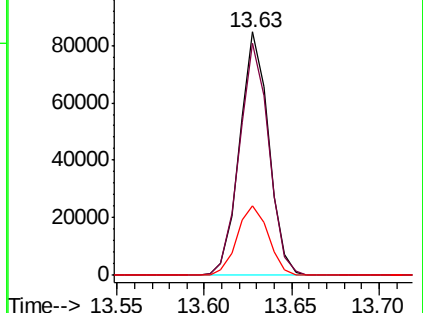
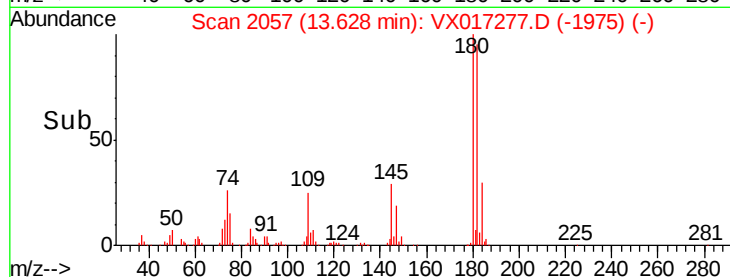
145 30.8 26.2 39.2



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90

Hexachlorobutadiene

Concen: 23.828 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

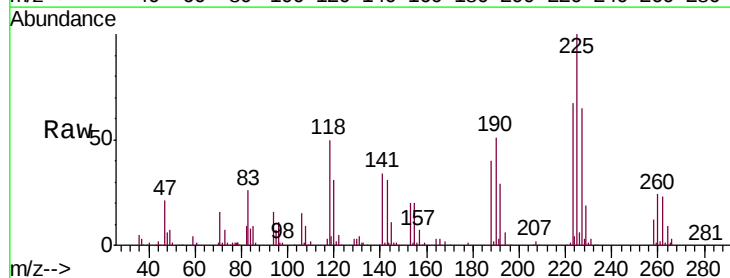
Tgt Ion:225 Resp: 38941

Ion Ratio Lower Upper

225 100

223 63.0 0.0 125.0

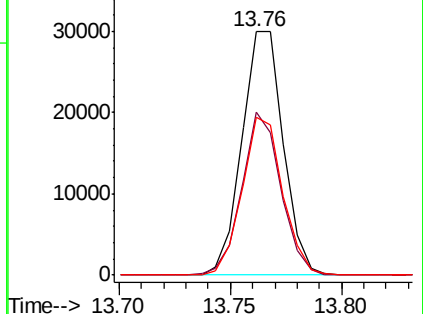
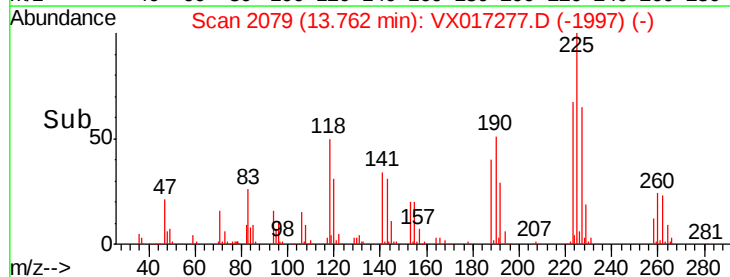
227 63.5 0.0 124.0

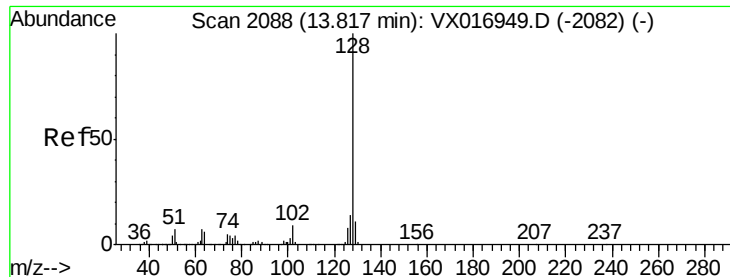


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 22.849 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

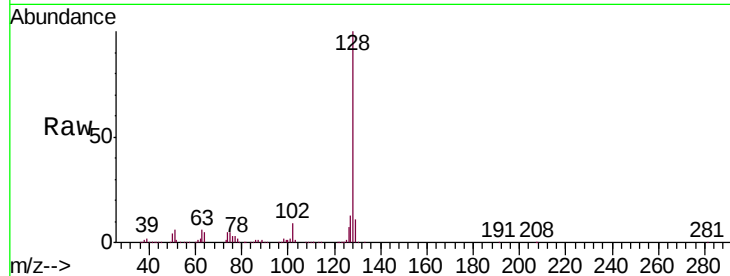
Tgt Ion:128 Resp: 321749

Ion Ratio Lower Upper

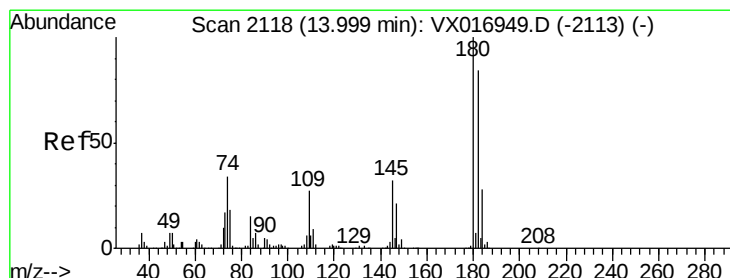
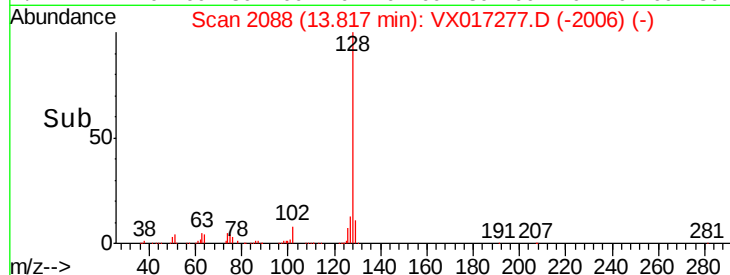
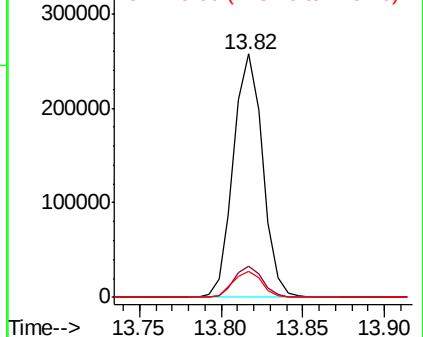
128 100

127 12.6 10.5 15.7

129 10.9 9.0 13.4



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: 23.724 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

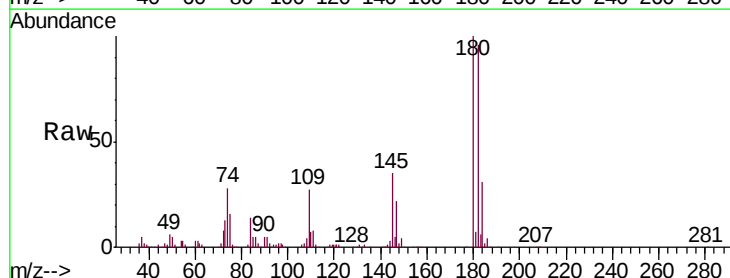
Tgt Ion:180 Resp: 99462

Ion Ratio Lower Upper

180 100

182 95.2 0.0 184.8

145 33.3 0.0 68.0



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

