

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071122\
 Data File : VX030003.D
 Acq On : 11 Jul 2022 17:30
 Operator : JC/MD
 Sample : N3524-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31493

Quant Time: Jul 12 02:04:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	185449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	318577	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	273843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98951	42.152	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.300%
35) Dibromofluoromethane	5.397	113	93497	46.961	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.920%
50) Toluene-d8	8.653	98	360382	48.251	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.500%
62) 4-Bromofluorobenzene	11.085	95	126517	47.920	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.840%

Target Compounds						Qvalue
6) Chloroethane	1.678	64	173	1.148	ug/l #	41
8) Diethyl Ether	2.136	74	4059	3.404	ug/l	85
10) Methyl Iodide	2.453	142	106	1.913	ug/l #	45
11) Tert butyl alcohol	2.965	59	73121	119.105	ug/l	99
13) Acrolein	2.245	56	1197	Below Cal	#	70
14) Allyl chloride	2.642	41	5822	1.652	ug/l #	44
15) Acrylonitrile	3.068	53	1472	1.027	ug/l #	44
16) Acetone	2.380	43	623848	543.206	ug/l	99
17) Carbon Disulfide	2.520	76	1219	0.257	ug/l #	74
18) Methyl Acetate	2.709	43	6620	1.870	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	28418	4.407	ug/l	100
20) Methylene Chloride	2.788	84	22363	9.220	ug/l	95
22) Diisopropyl ether	3.770	45	3670	0.515	ug/l #	70
23) Vinyl Acetate	3.770	43	2200	0.357	ug/l #	72
25) 2-Butanone	4.562	43	239623	120.213	ug/l	98
29) Tetrahydrofuran	5.025	42	2210	1.685	ug/l #	58
31) Cyclohexane	5.483	56	5316	1.624	ug/l	87
36) 1,1-Dichloropropene	5.556	75	13160	4.970	ug/l #	43
37) Ethyl Acetate	4.727	43	33816	9.337	ug/l #	95
38) Carbon Tetrachloride	5.556	117	17220	7.505	ug/l #	19
39) Methylcyclohexane	7.379	83	5466	1.707	ug/l #	87
40) Benzene	6.050	78	2002482	233.871	ug/l	99
42) 1,2-Dichloroethane	6.342	62	533	0.203	ug/l	91
43) Isopropyl Acetate	6.348	43	125644	23.039	ug/l	97
44) Trichloroethene	7.123	130	763	0.331	ug/l	65
47) Bromodichloromethane	7.872	83	1833	0.691	ug/l #	56
48) Methyl methacrylate	7.696	41	15167	5.866	ug/l #	54
49) 1,4-Dioxane	7.683	88	133	2.172	ug/l #	1
51) 4-Methyl-2-Pentanone	8.574	43	93025	25.868	ug/l #	79
52) Toluene	8.720	92	1290738	249.816	ug/l	99
53) t-1,3-Dichloropropene	8.933	75	1228	0.434	ug/l #	42
54) cis-1,3-Dichloropropene	8.336	75	9752	3.053	ug/l #	1
56) Ethyl methacrylate	9.116	69	852	0.240	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.336	63	14479	8.550	ug/l	97
59) 2-Hexanone	9.433	43	54417	19.499	ug/l	99
65) Chlorobenzene	9.939	112	7148	1.300	ug/l #	49

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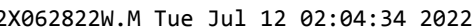
Instrument :
 MSVOA_X
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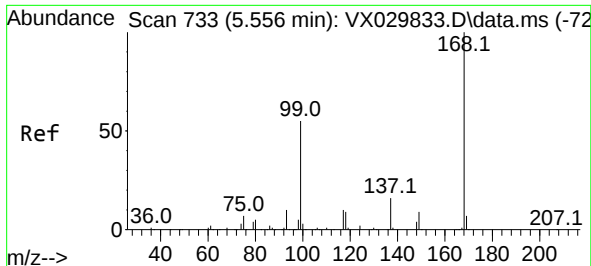
Quant Time: Jul 12 02:04:26 2022
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 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Ethyl Benzene	10.195	91	491428	51.398	ug/l	100
68) m/p-Xylenes	10.305	106	686459	187.197	ug/l	98
69) o-Xylene	10.646	106	424083	114.175	ug/l	100
70) Styrene	10.646	104	22831	3.719	ug/l #	1
73) Isopropylbenzene	10.969	105	42795	4.510	ug/l	98
74) N-amyl acetate	10.854	43	6721	1.431	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.158	83	87976	23.551	ug/l #	29
76) 1,2,3-Trichloropropane	11.037	75	24323	7.748	ug/l	95
78) n-propylbenzene	11.305	91	95249	8.511	ug/l	99
79) 2-Chlorotoluene	11.384	91	57872	8.698	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	166790	21.174	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.037	75	25021	25.313	ug/l #	53
82) 4-Chlorotoluene	11.451	91	16975	2.239	ug/l #	44
83) tert-Butylbenzene	11.756	119	88070	11.281	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.756	105	772731	97.926	ug/l	95
85) sec-Butylbenzene	11.756	105	772731	78.549	ug/l #	56
86) p-Isopropyltoluene	11.969	119	11347	1.445	ug/l	95
89) n-Butylbenzene	12.329	91	22188	3.006	ug/l #	12
90) Hexachloroethane	12.536	117	5632	4.397	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	12.933	75	1551	1.987	ug/l #	3
95) Naphthalene	13.780	128	742207	70.075	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030003.D
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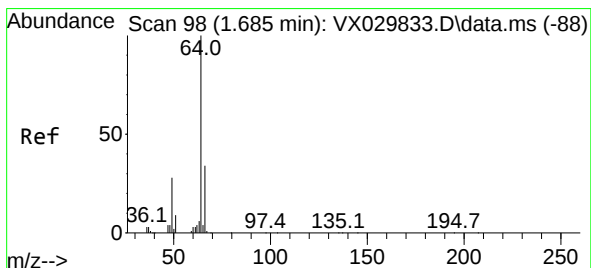
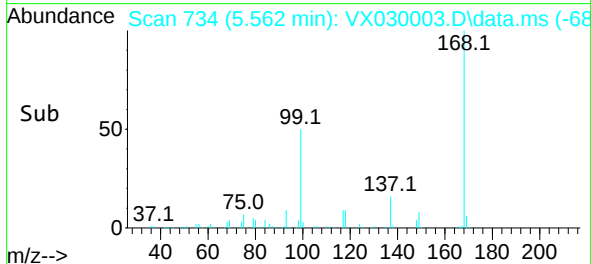
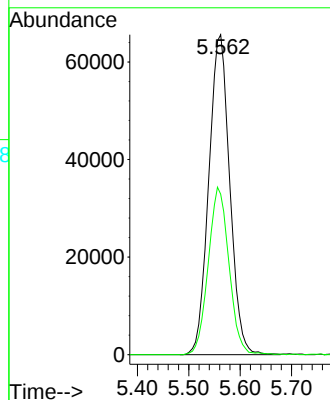
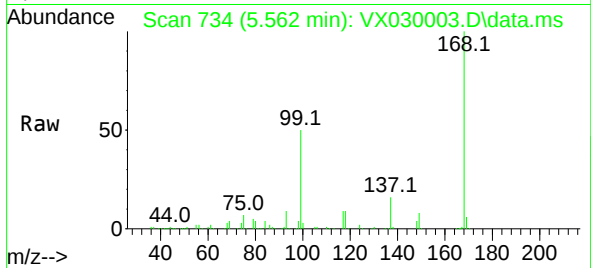
Instrument :

MSVOA_X

ClientSampleId :

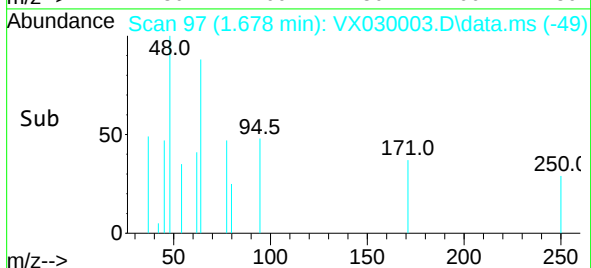
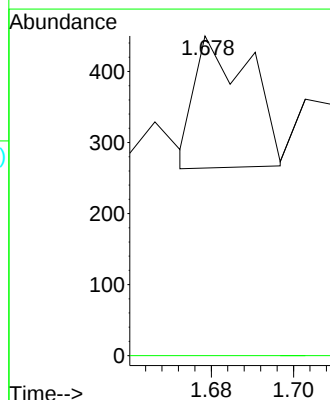
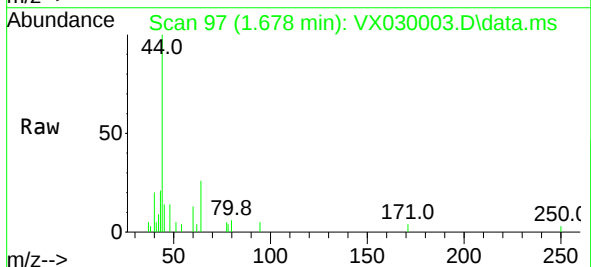
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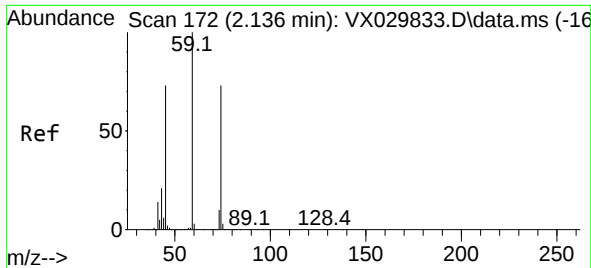
Tgt Ion:168 Resp: 185449
Ion Ratio Lower Upper
168 100
99 50.2 44.0 66.0



#6
Chloroethane
Concen: 1.148 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Tgt Ion: 64 Resp: 173
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

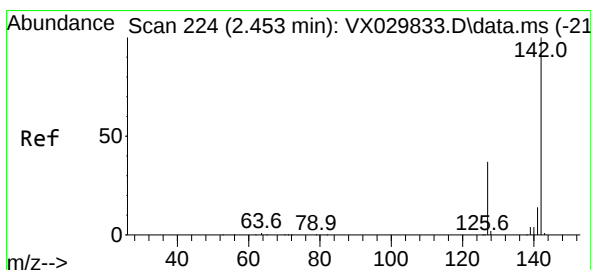
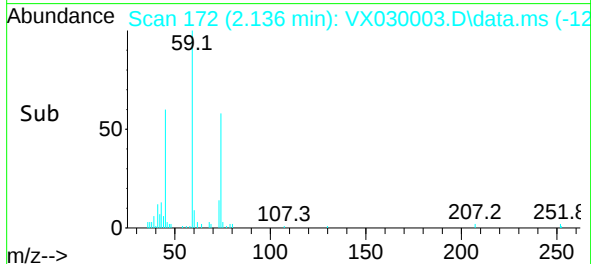
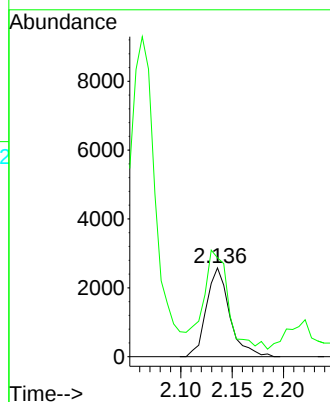
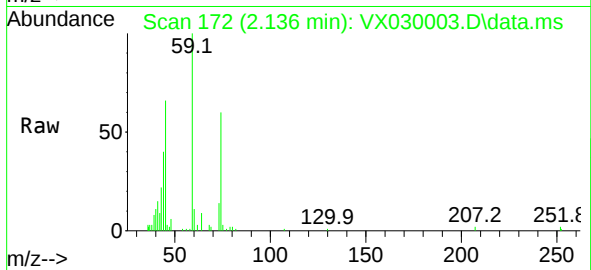




#8
Diethyl Ether
Concen: 3.404 ug/l
RT: 2.136 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

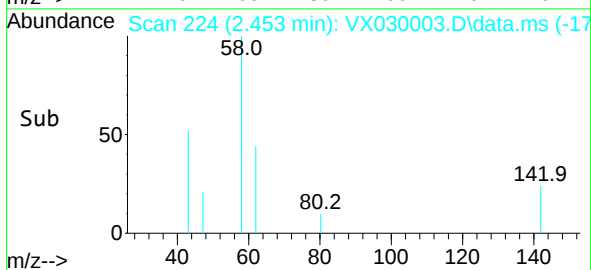
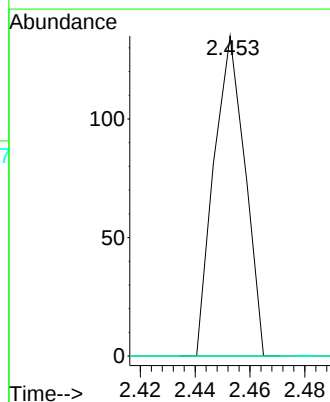
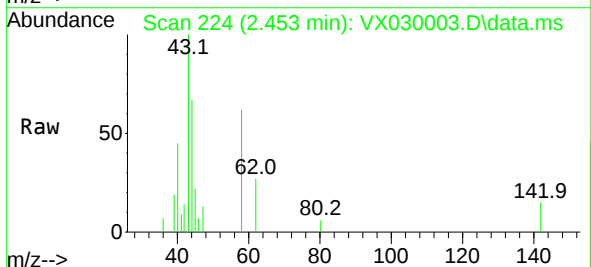
Instrument :
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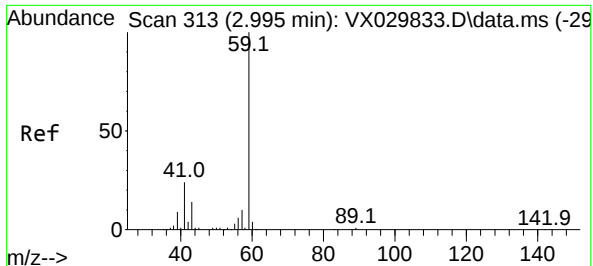
Tgt Ion: 74 Resp: 4059
Ion Ratio Lower Upper
74 100
45 118.6 51.5 154.7



#10
Methyl Iodide
Concen: 1.913 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Tgt Ion: 142 Resp: 106
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 119.105 ug/l

RT: 2.965 min Scan# 30

Delta R.T. -0.030 min

Lab File: VX030003.D

Acq: 11 Jul 2022 17:30

Instrument :

MSVOA_X

ClientSampleId :

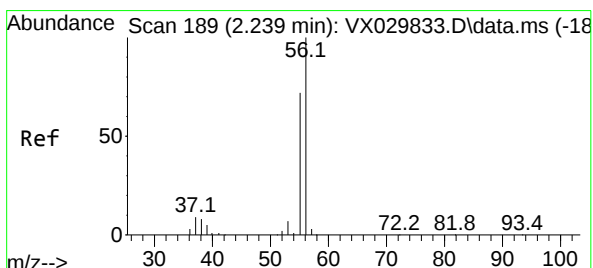
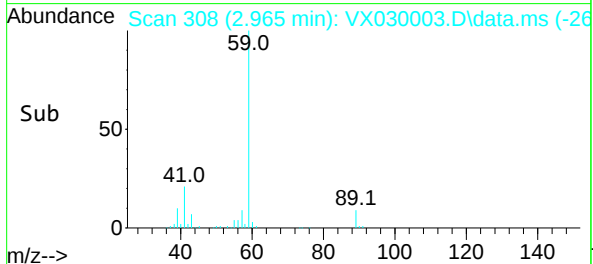
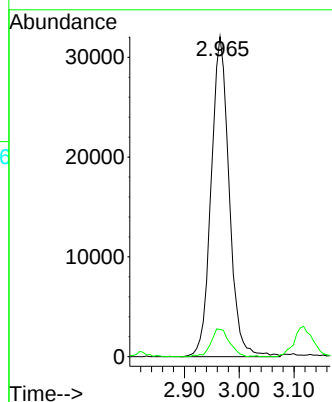
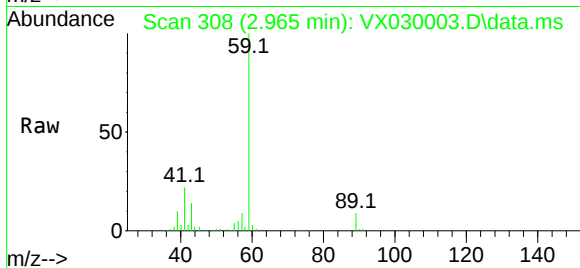
31493

Tgt Ion: 59 Resp: 73121

Ion Ratio Lower Upper

59 100

57 8.9 7.4 11.2



#13

Acrolein

Concen: Below Cal

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX030003.D

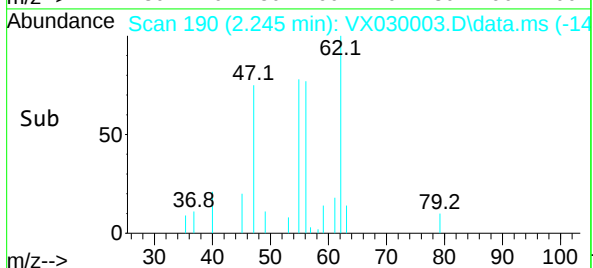
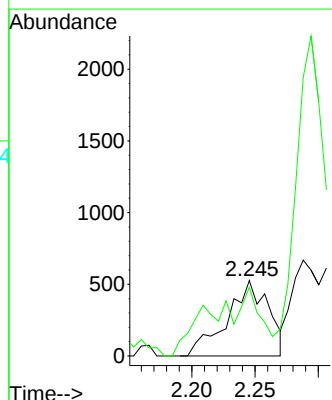
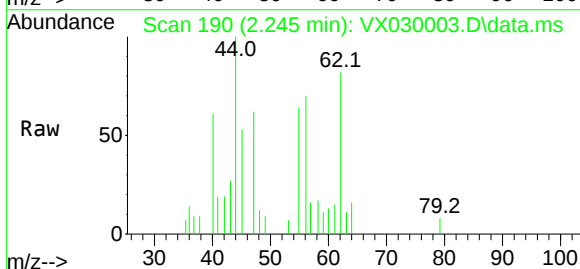
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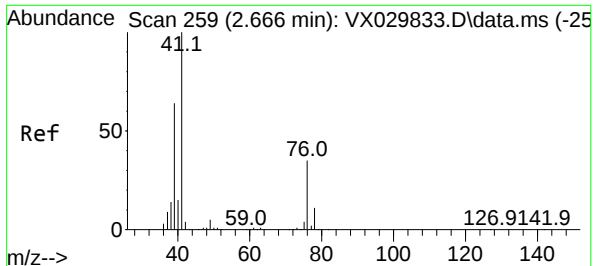
Tgt Ion: 56 Resp: 1197

Ion Ratio Lower Upper

56 100

55 45.8 56.6 84.8#

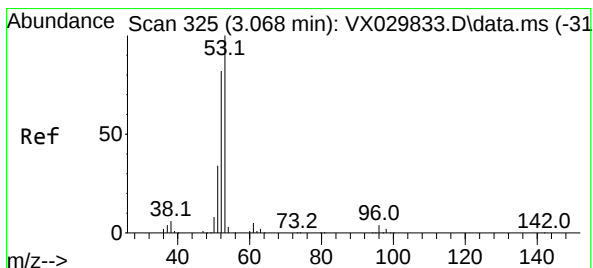
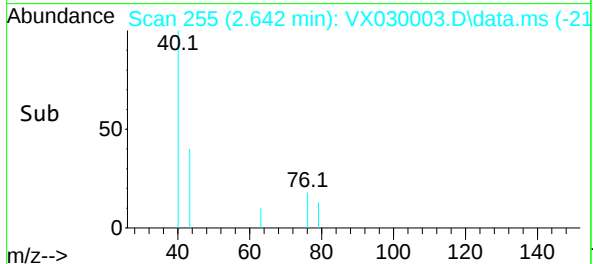
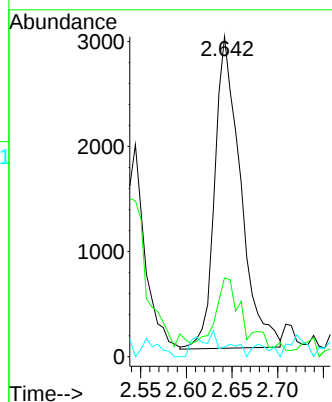
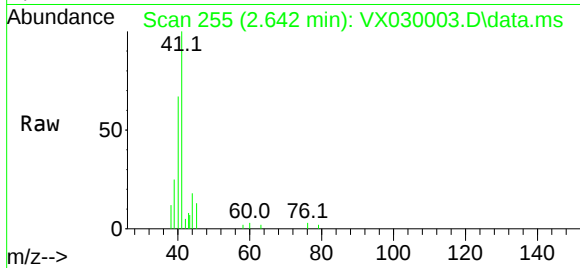




#14
 Allyl chloride
 Concen: 1.652 ug/l
 RT: 2.642 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: VX030003.D
 Acq: 11 Jul 2022 17:30

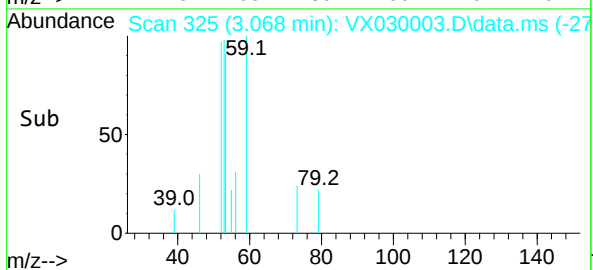
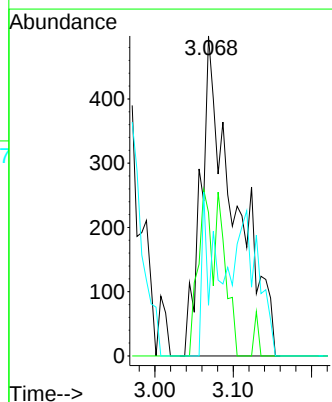
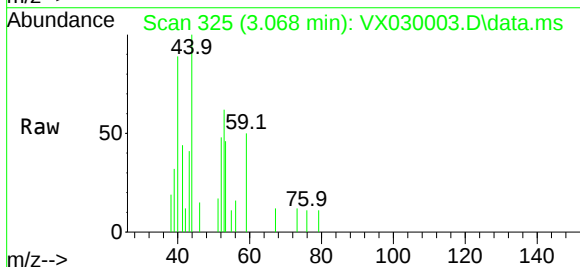
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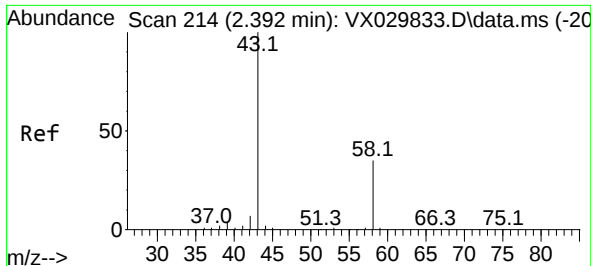
Tgt Ion: 41 Resp: 5822
 Ion Ratio Lower Upper
 41 100
 39 17.8 48.9 73.3#
 76 2.1 26.9 40.3#



#15
 Acrylonitrile
 Concen: 1.027 ug/l
 RT: 3.068 min Scan# 325
 Delta R.T. 0.000 min
 Lab File: VX030003.D
 Acq: 11 Jul 2022 17:30

Tgt Ion: 53 Resp: 1472
 Ion Ratio Lower Upper
 53 100
 52 21.1 65.4 98.0#
 51 18.8 27.7 41.5#

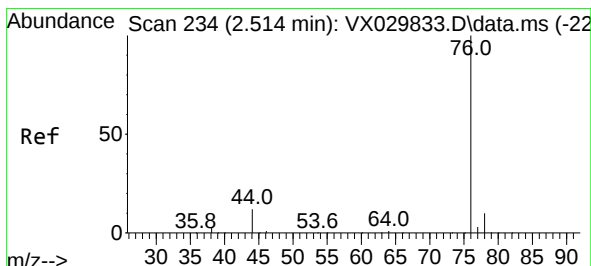
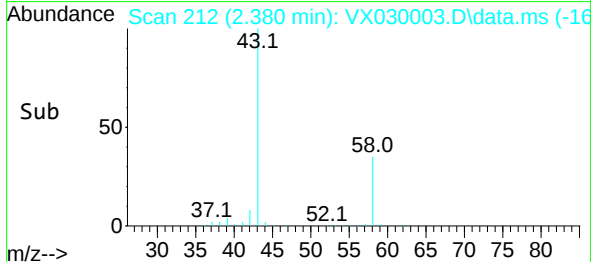
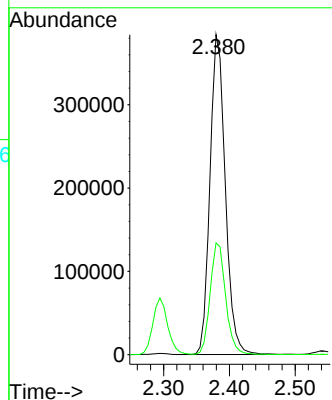
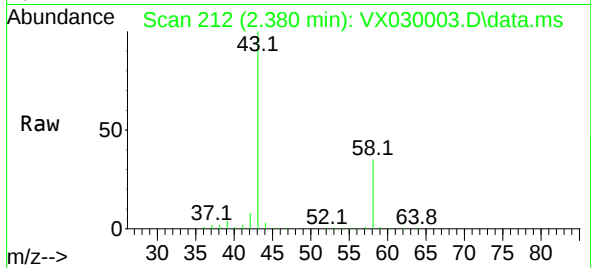




#16
Acetone
Concen: 543.206 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

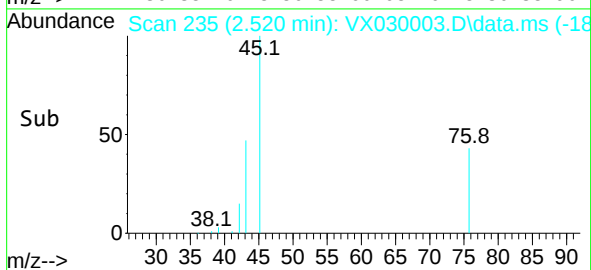
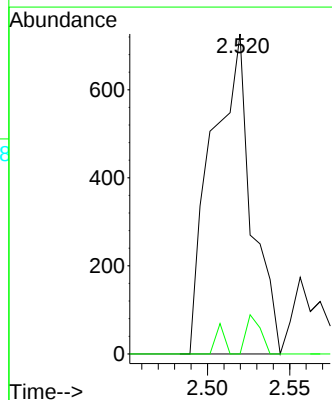
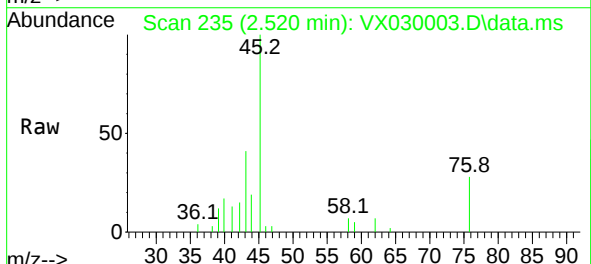
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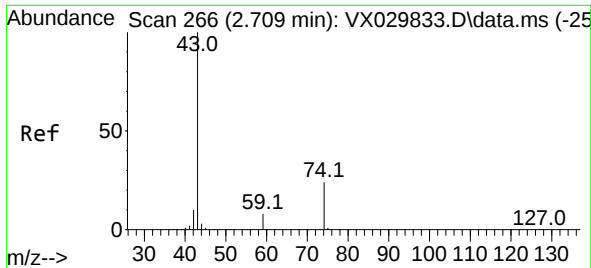
Tgt Ion: 43 Resp: 623848
Ion Ratio Lower Upper
43 100
58 34.9 27.7 41.5



#17
Carbon Disulfide
Concen: 0.257 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Tgt Ion: 76 Resp: 1219
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

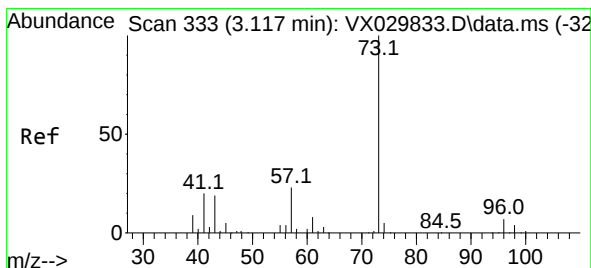
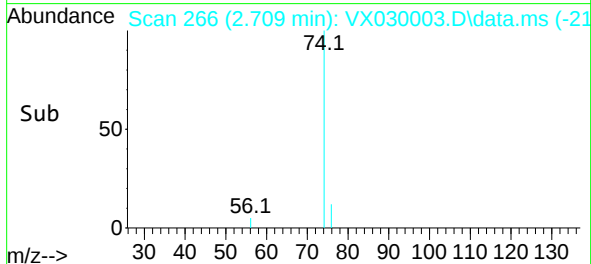
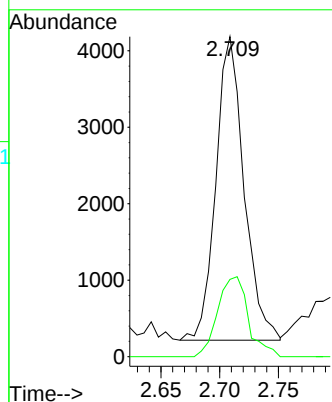
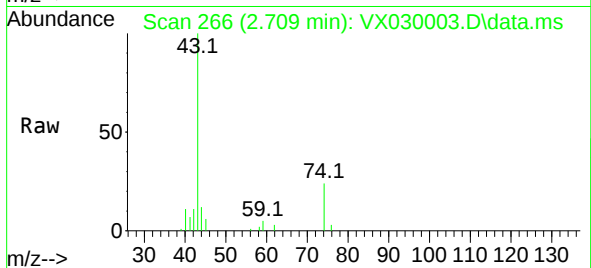




#18
Methyl Acetate
Concen: 1.870 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

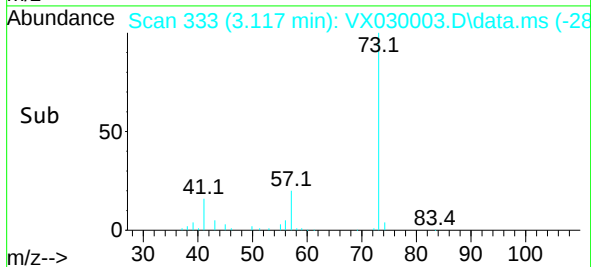
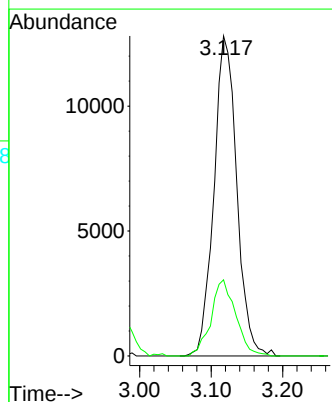
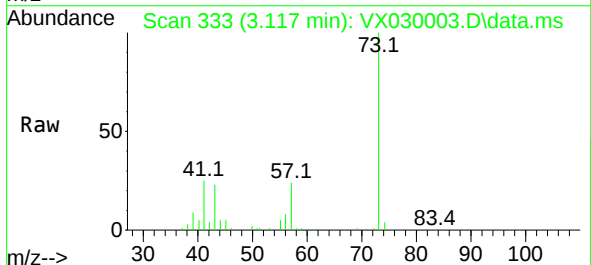
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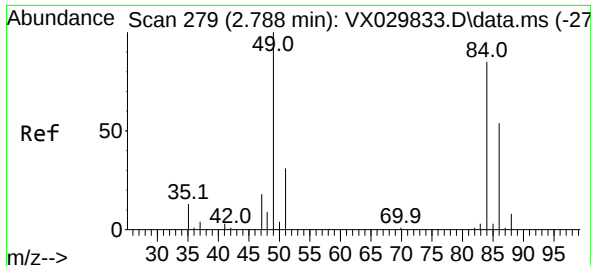
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Ion Ratio Lower Upper
43 100
74 28.6 19.4 29.2



#19
Methyl tert-butyl Ether
Concen: 4.407 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Tgt Ion: 73 Resp: 28418
Ion Ratio Lower Upper
73 100
57 23.8 19.0 28.6



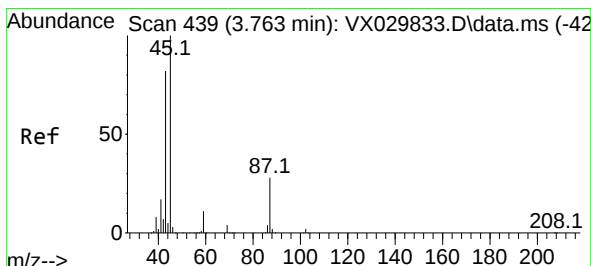
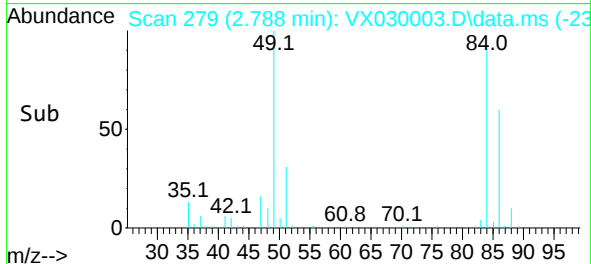
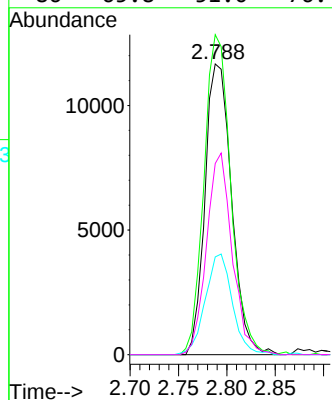
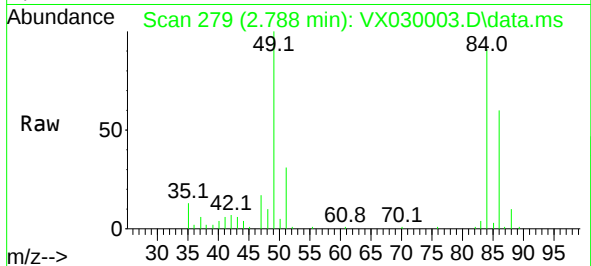


#20
Methylene Chloride
Concen: 9.220 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Instrument :
MSVOA_X
ClientSampleId :
31493

Tgt Ion: 84 Resp: 22363

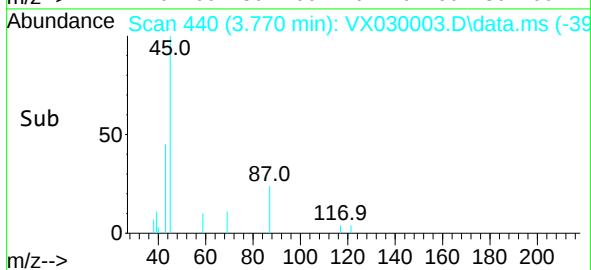
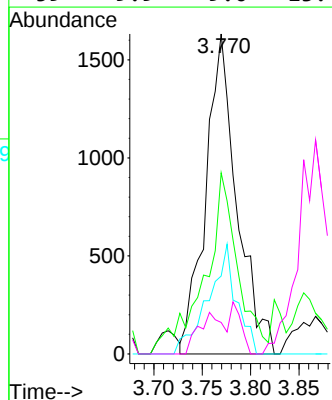
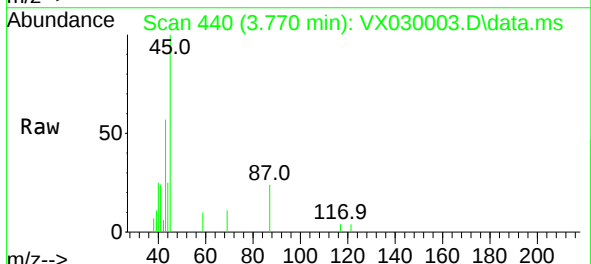
Ion	Ratio	Lower	Upper
84	100		
49	110.0	93.8	140.6
51	33.6	29.4	44.0
86	65.8	51.0	76.4

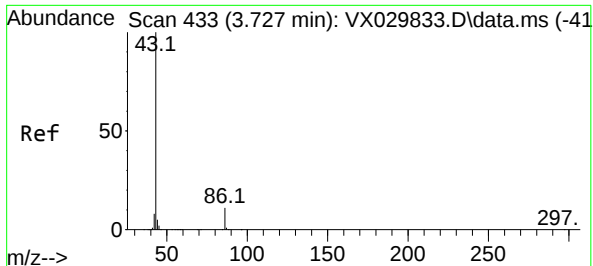


#22
Diisopropyl ether
Concen: 0.515 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Tgt Ion: 45 Resp: 3670

Ion	Ratio	Lower	Upper
45	100		
43	44.0	65.4	98.0#
87	24.3	22.3	33.5
59	9.9	9.0	13.4

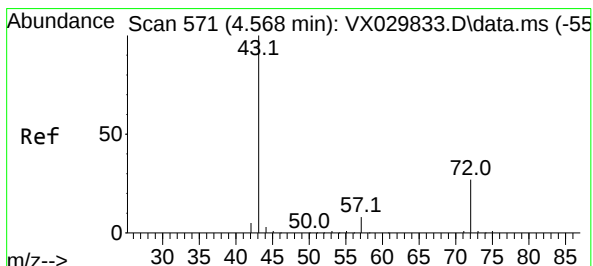
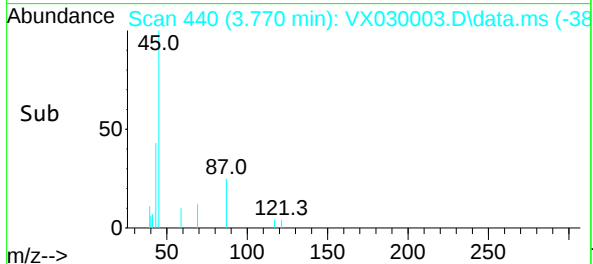
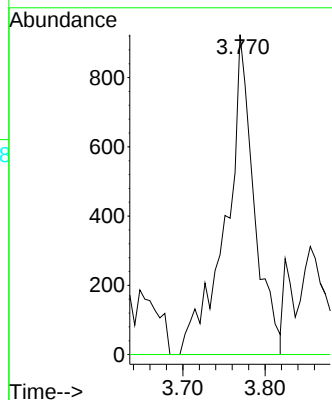
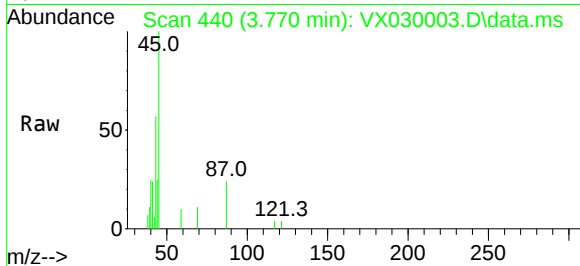




#23
 Vinyl Acetate
 Concen: 0.357 ug/l
 RT: 3.770 min Scan# 44
 Delta R.T. 0.043 min
 Lab File: VX030003.D
 Acq: 11 Jul 2022 17:30

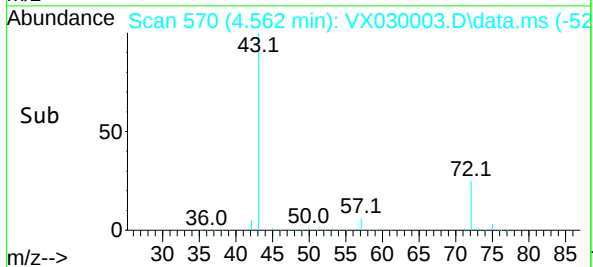
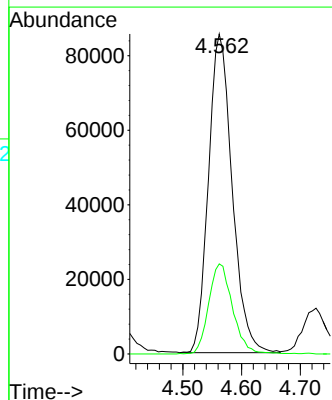
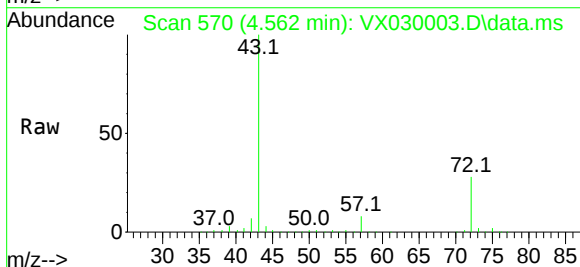
Instrument :
 MSVOA_X
 ClientSampleId :
 31493

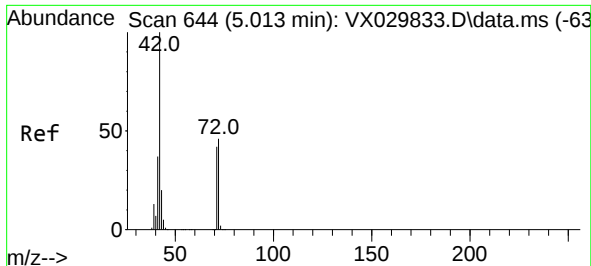
Tgt Ion: 43 Resp: 2200
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#25
 2-Butanone
 Concen: 120.213 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. -0.006 min
 Lab File: VX030003.D
 Acq: 11 Jul 2022 17:30

Tgt Ion: 43 Resp: 239623
 Ion Ratio Lower Upper
 43 100
 72 28.1 21.7 32.5





#29

Tetrahydrofuran

Concen: 1.685 ug/l

RT: 5.025 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX030003.D

Acq: 11 Jul 2022 17:30

Instrument :

MSVOA_X

ClientSampleId :

31493

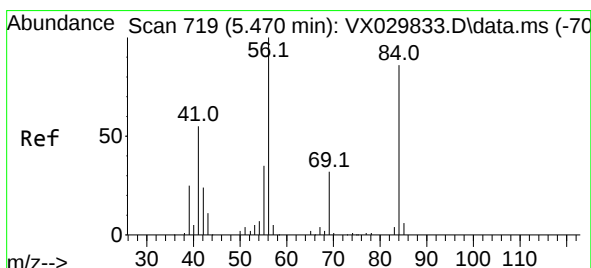
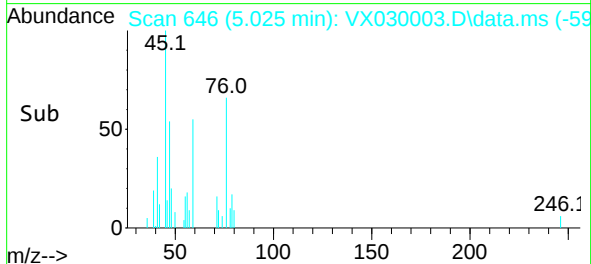
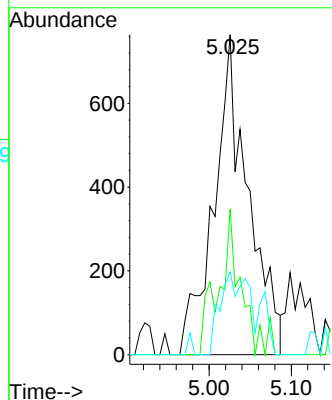
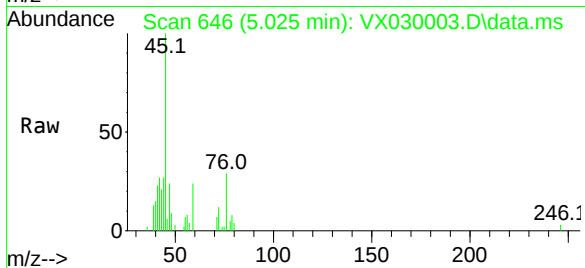
Tgt Ion: 42 Resp: 2210

Ion Ratio Lower Upper

42 100

72 21.8 36.5 54.7#

71 12.0 33.9 50.9#



#31

Cyclohexane

Concen: 1.624 ug/l

RT: 5.483 min Scan# 721

Delta R.T. 0.012 min

Lab File: VX030003.D

Acq: 11 Jul 2022 17:30

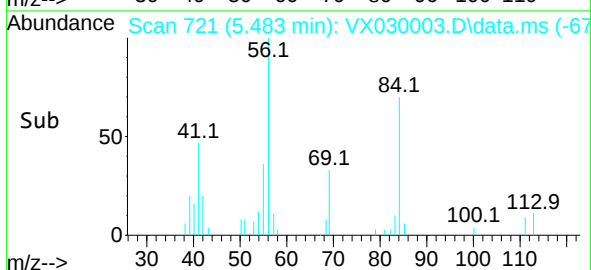
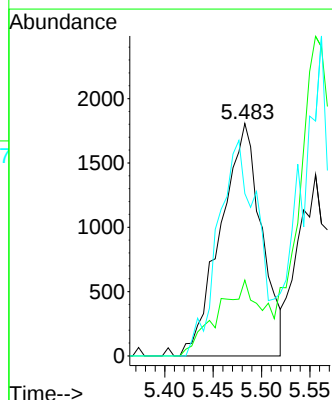
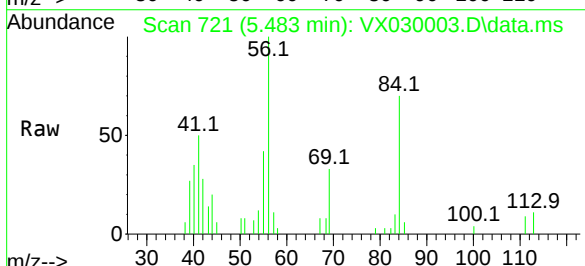
Tgt Ion: 56 Resp: 5316

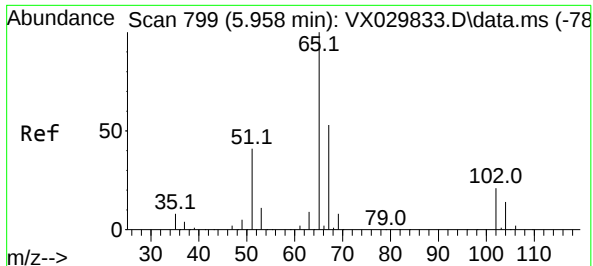
Ion Ratio Lower Upper

56 100

69 32.6 25.4 38.0

84 69.8 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 42.152 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030003.D

Acq: 11 Jul 2022 17:30

Instrument :

MSVOA_X

ClientSampleId :

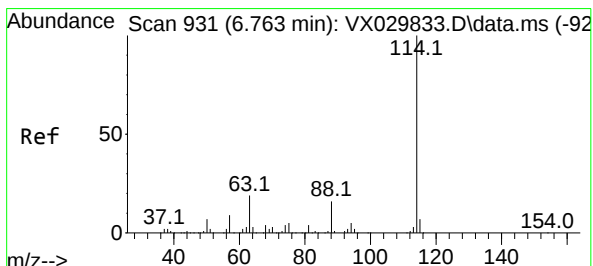
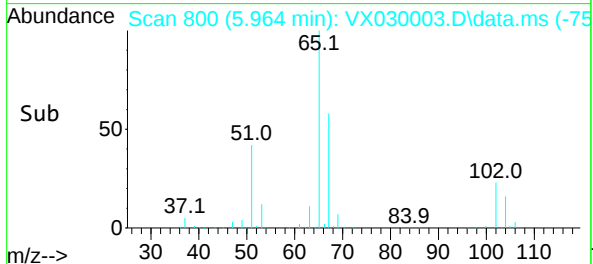
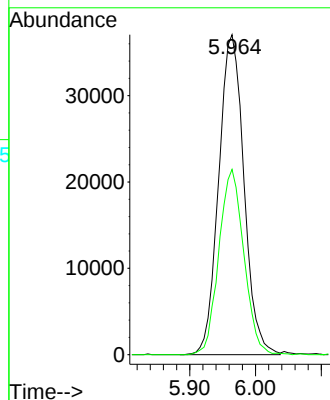
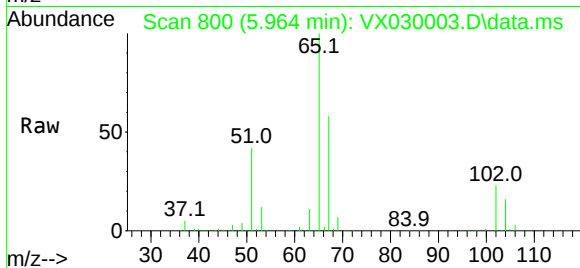
31493

Tgt Ion: 65 Resp: 98951

Ion Ratio Lower Upper

65 100

67 57.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030003.D

Acq: 11 Jul 2022 17:30

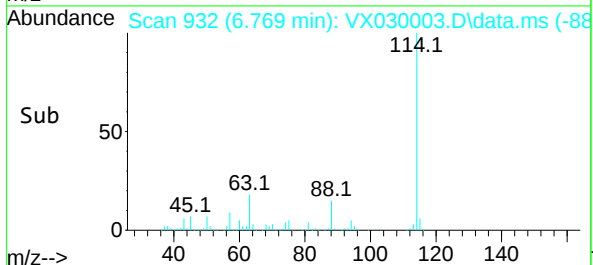
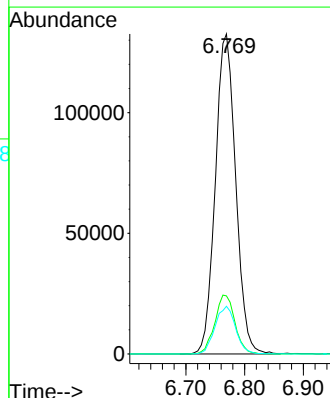
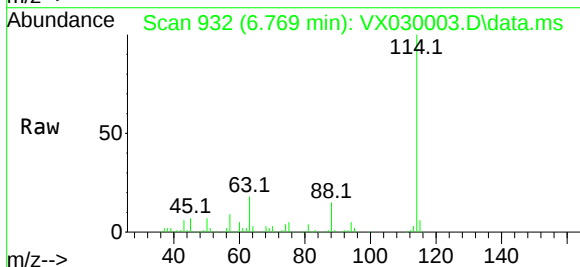
Tgt Ion: 114 Resp: 318577

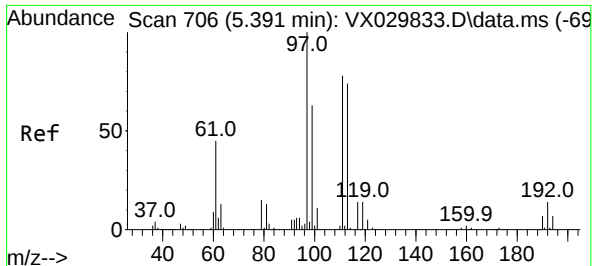
Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.4

88 14.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.961 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030003.D

Acq: 11 Jul 2022 17:30

Instrument :

MSVOA_X

ClientSampleId :

31493

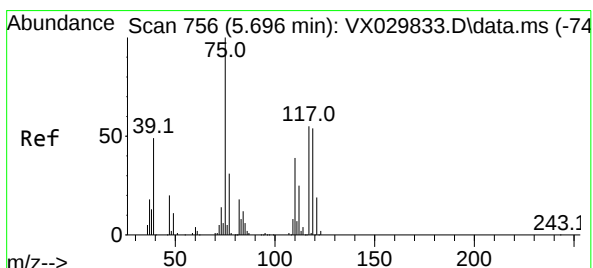
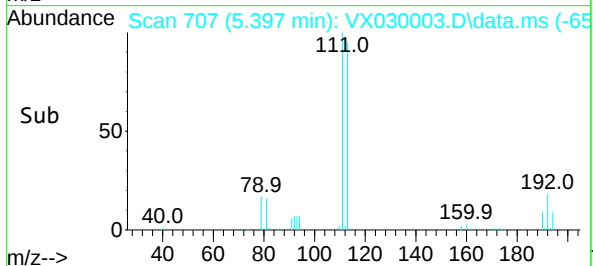
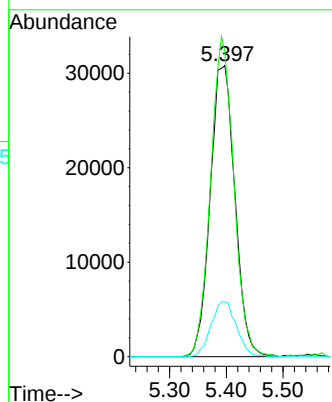
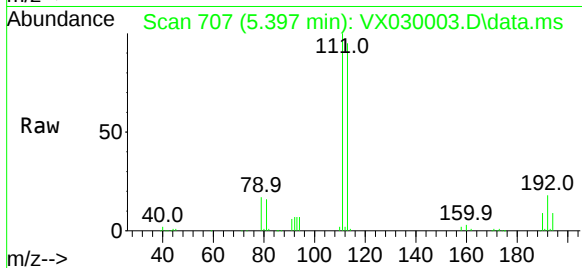
Tgt Ion:113 Resp: 93497

Ion Ratio Lower Upper

113 100

111 103.5 83.2 124.8

192 19.4 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.970 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030003.D

Acq: 11 Jul 2022 17:30

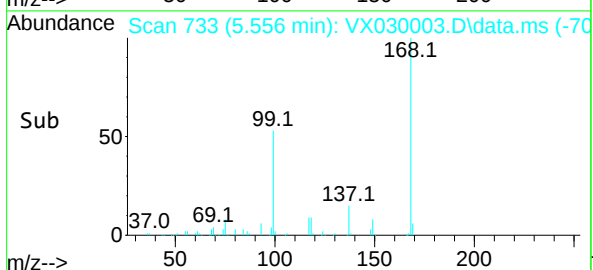
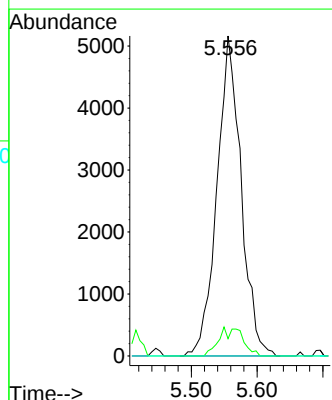
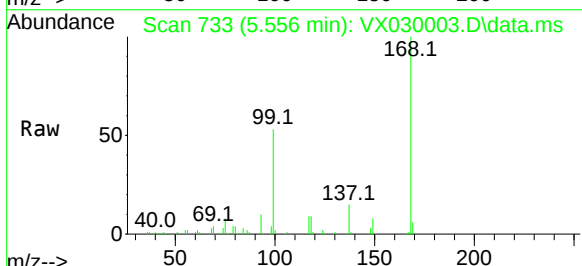
Tgt Ion: 75 Resp: 13160

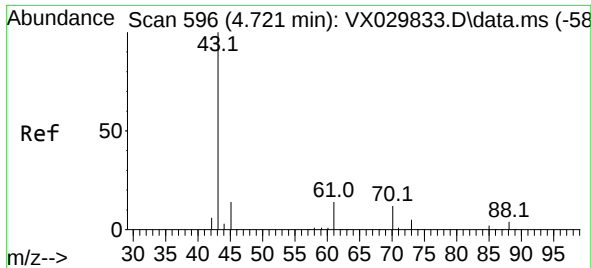
Ion Ratio Lower Upper

75 100

110 3.9 19.3 57.9#

77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 9.337 ug/l

RT: 4.727 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX030003.D

Acq: 11 Jul 2022 17:30

Instrument :

MSVOA_X

ClientSampleId :

31493

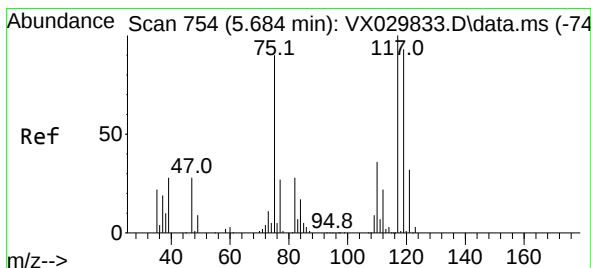
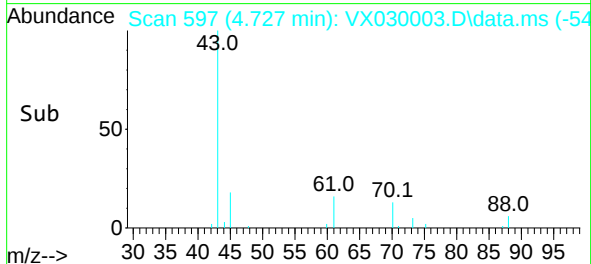
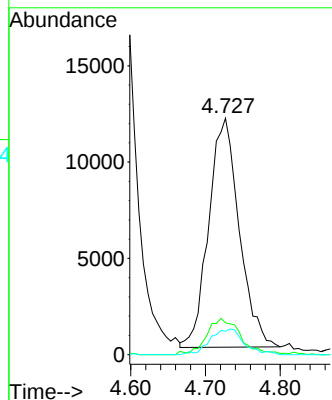
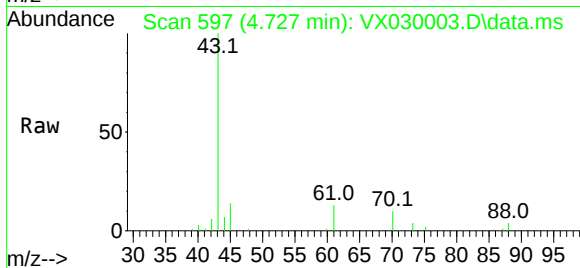
Tgt Ion: 43 Resp: 33816

Ion Ratio Lower Upper

43 100

61 17.7 11.7 17.5#

70 12.4 9.3 13.9



#38

Carbon Tetrachloride

Concen: 7.505 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX030003.D

Acq: 11 Jul 2022 17:30

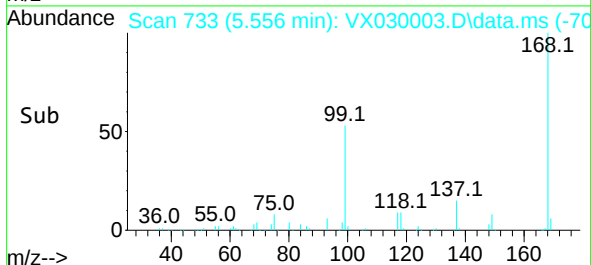
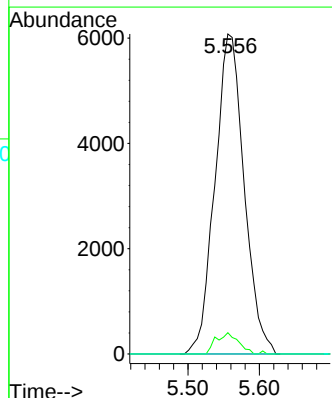
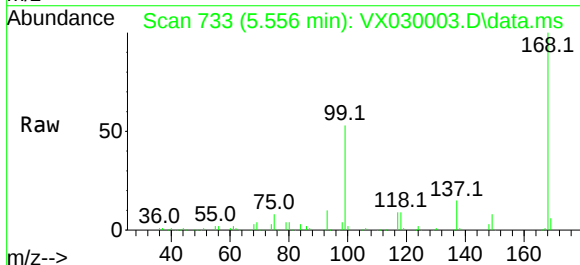
Tgt Ion: 117 Resp: 17220

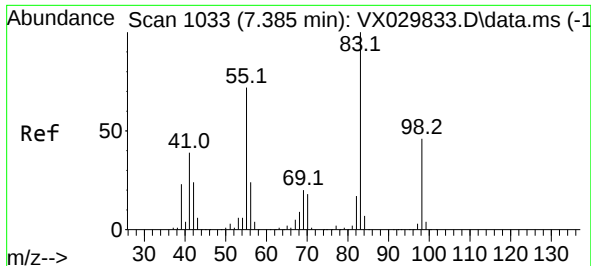
Ion Ratio Lower Upper

117 100

119 6.7 74.1 111.1#

121 0.0 25.8 38.8#





#39

Methylcyclohexane

Concen: 1.707 ug/l

RT: 7.379 min Scan# 10

Delta R.T. -0.006 min

Lab File: VX030003.D

Acq: 11 Jul 2022 17:30

Instrument :

MSVOA_X

ClientSampleId :

31493

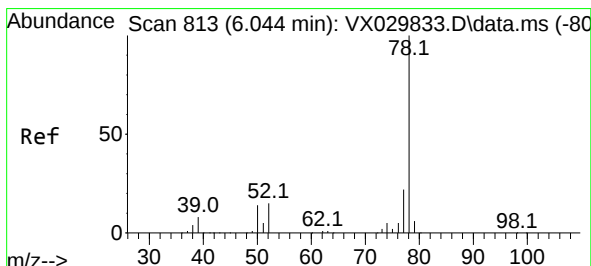
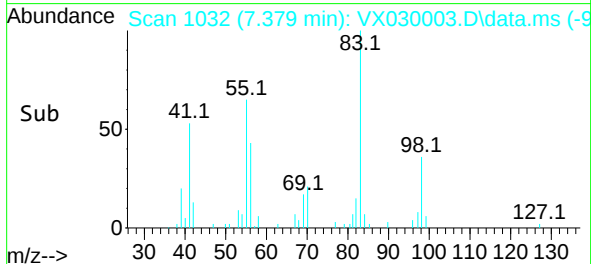
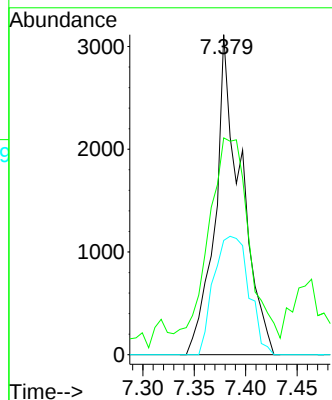
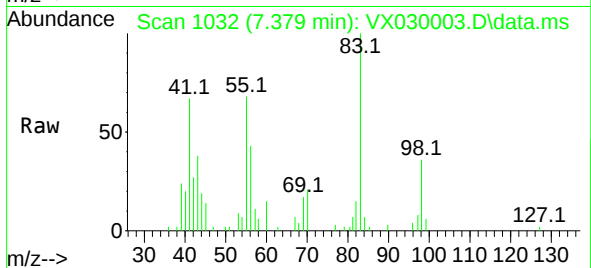
Tgt Ion: 83 Resp: 5466

Ion Ratio Lower Upper

83 100

55 62.6 57.7 86.5

98 35.7 36.5 54.7#



#40

Benzene

Concen: 233.871 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX030003.D

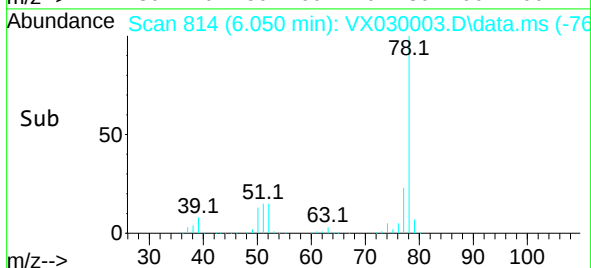
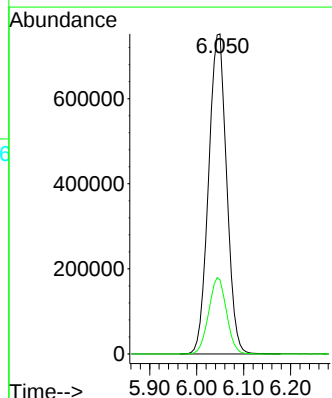
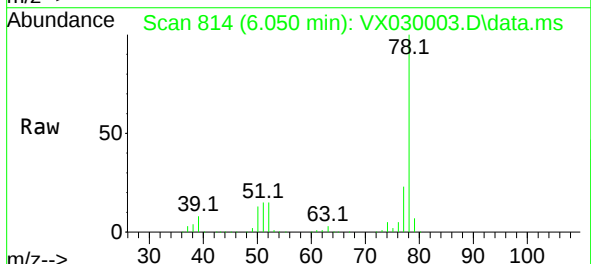
Acq: 11 Jul 2022 17:30

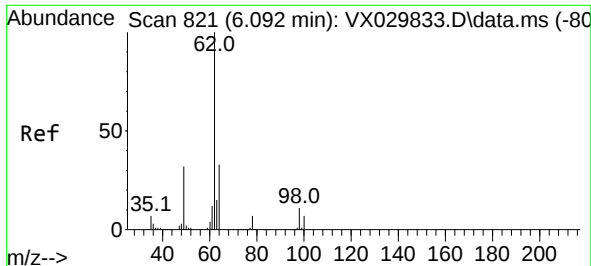
Tgt Ion: 78 Resp: 2002482

Ion Ratio Lower Upper

78 100

77 23.2 18.0 27.0





#42

1,2-Dichloroethane

Concen: 0.203 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.250 min

Lab File: VX030003.D

Acq: 11 Jul 2022 17:30

Instrument :

MSVOA_X

ClientSampleId :

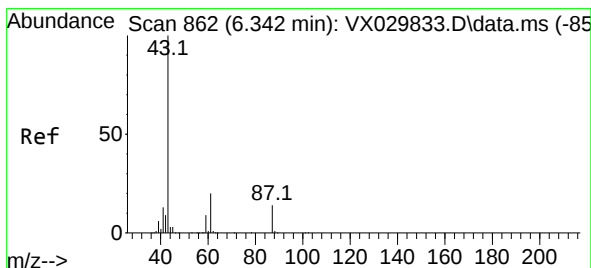
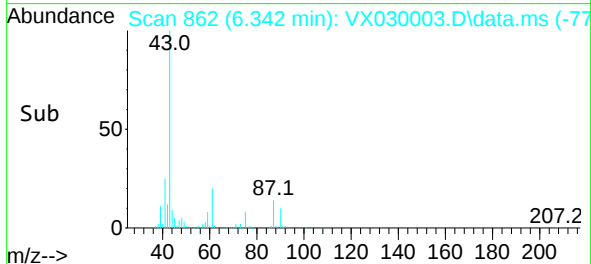
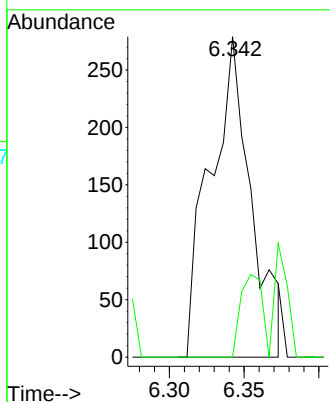
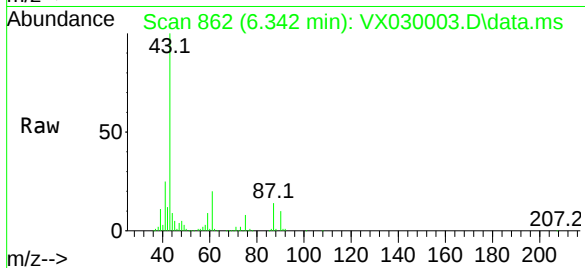
31493

Tgt Ion: 62 Resp: 533

Ion Ratio Lower Upper

62 100

98 13.5 0.0 20.2



#43

Isopropyl Acetate

Concen: 23.039 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX030003.D

Acq: 11 Jul 2022 17:30

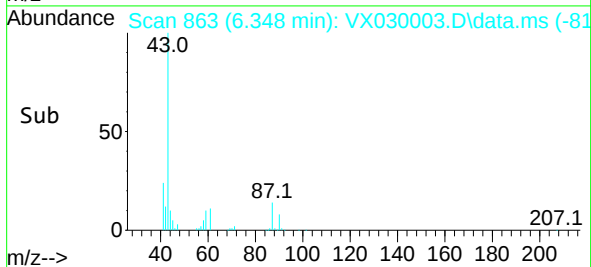
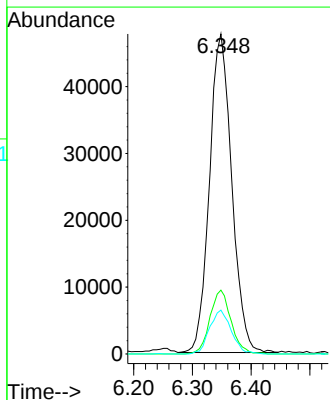
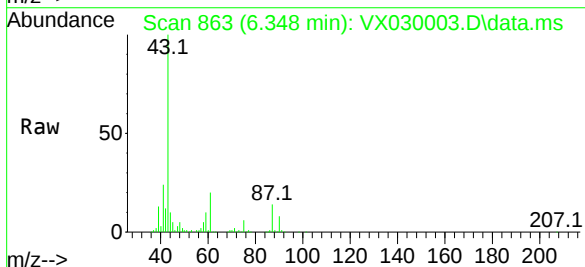
Tgt Ion: 43 Resp: 125644

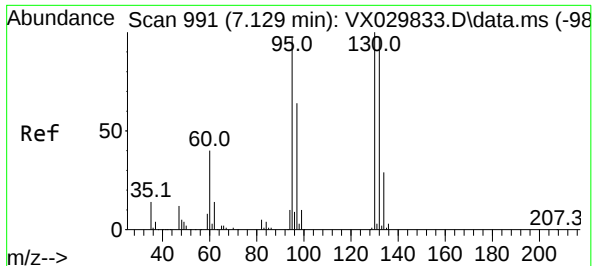
Ion Ratio Lower Upper

43 100

61 18.9 16.5 24.7

87 13.4 11.1 16.7

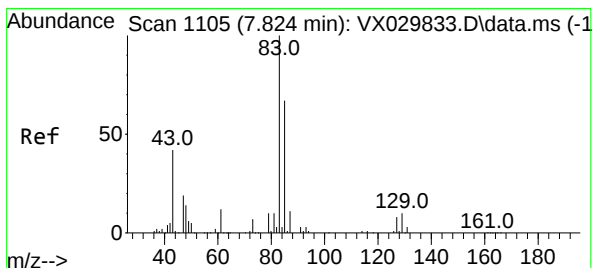
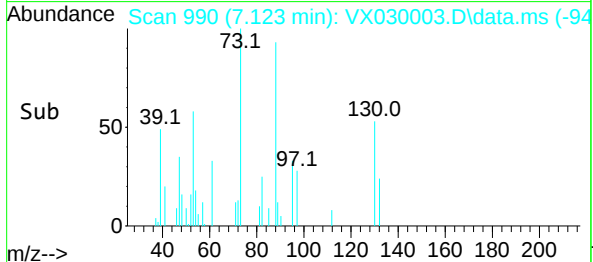
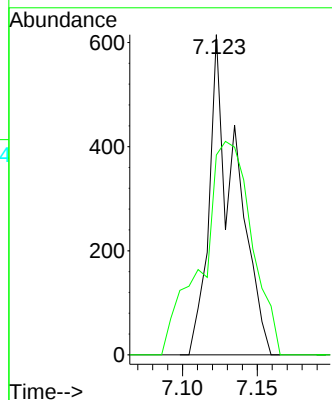
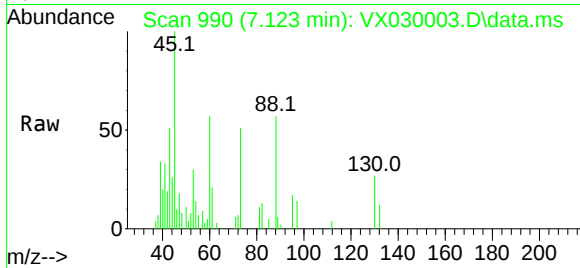




#44
Trichloroethene
Concen: 0.331 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

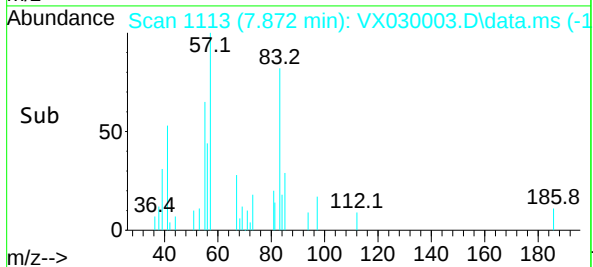
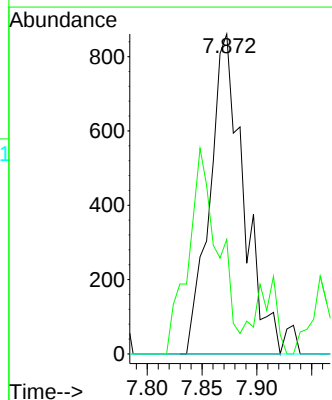
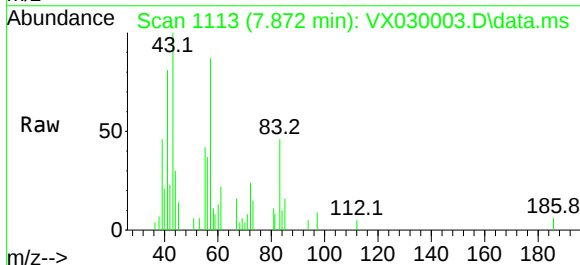
Instrument :
MSVOA_X
ClientSampleId :
31493

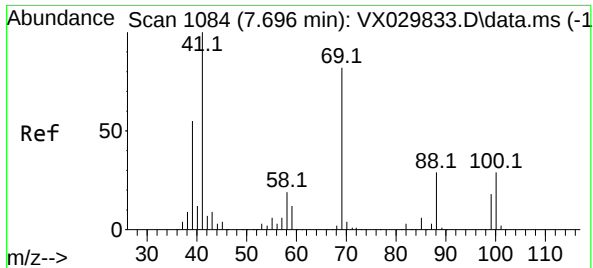
Tgt Ion:130 Resp: 763
Ion Ratio Lower Upper
130 100
95 62.4 0.0 194.8



#47
Bromodichloromethane
Concen: 0.691 ug/l
RT: 7.872 min Scan# 1113
Delta R.T. 0.049 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Tgt Ion: 83 Resp: 1833
Ion Ratio Lower Upper
83 100
85 29.7 53.5 80.3#
127 0.0 6.6 10.0#

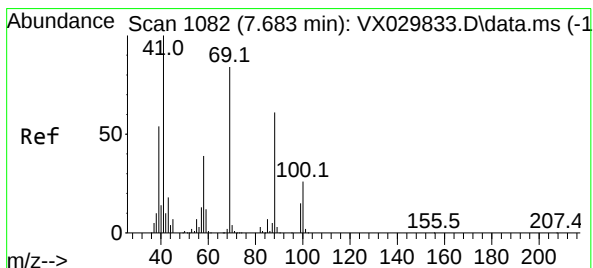
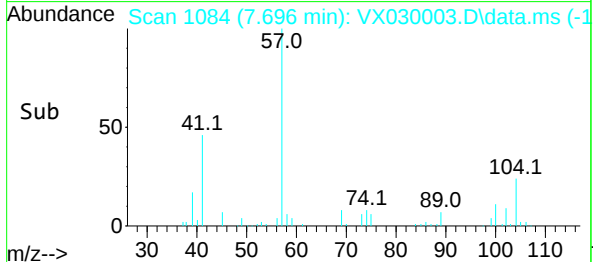
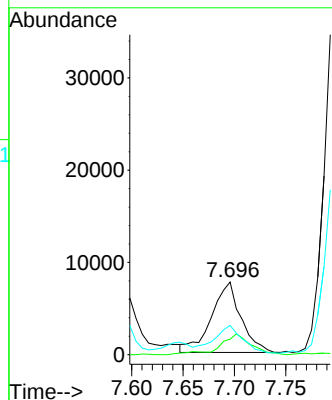
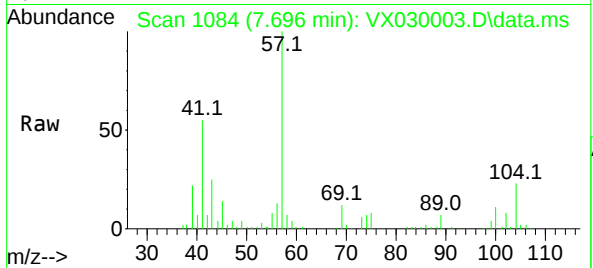




#48
Methyl methacrylate
Concen: 5.866 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

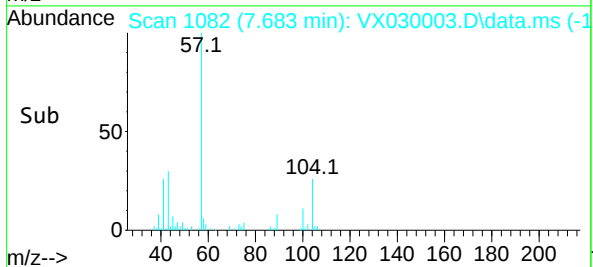
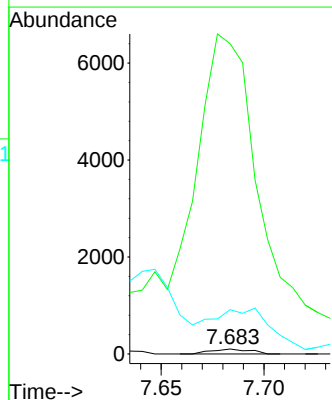
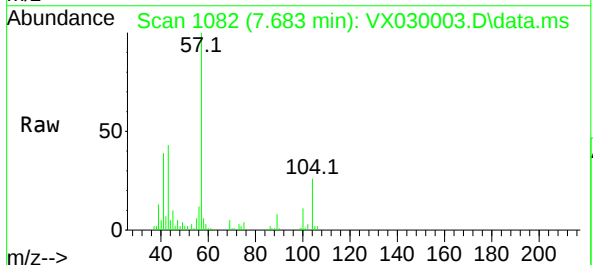
Instrument :
MSVOA_X
ClientSampleId :
31493

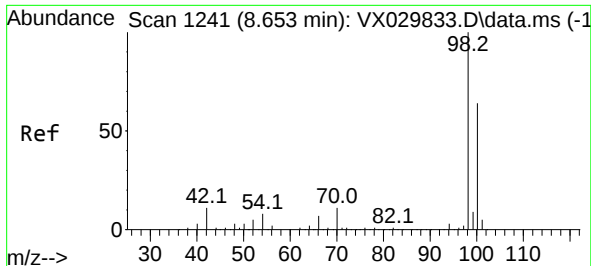
Tgt Ion: 41 Resp: 15167
Ion Ratio Lower Upper
41 100
69 30.7 68.8 103.2#
39 38.2 44.6 66.8#



#49
1,4-Dioxane
Concen: 2.172 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.000 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Tgt Ion: 88 Resp: 133
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 1413.5 53.8 80.6#

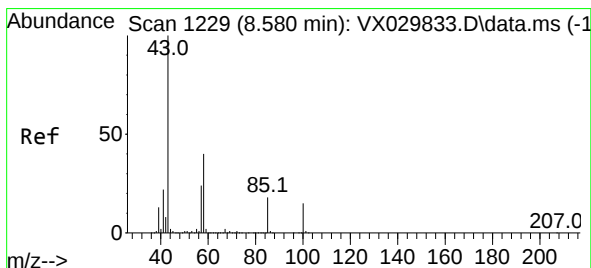
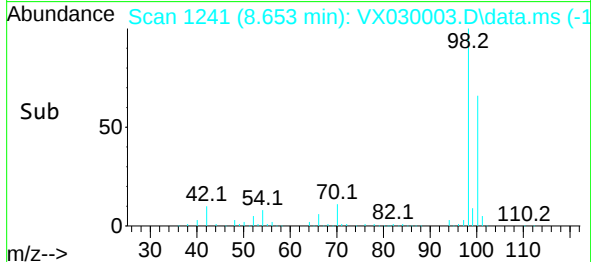
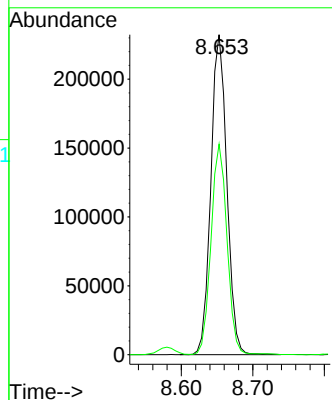
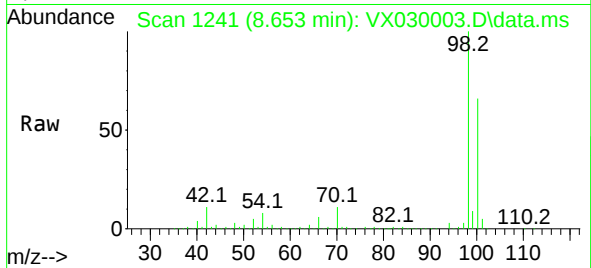




#50
Toluene-d8
Concen: 48.251 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

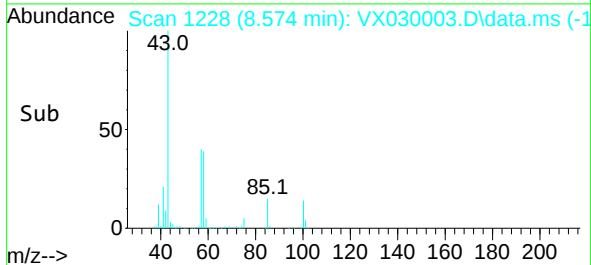
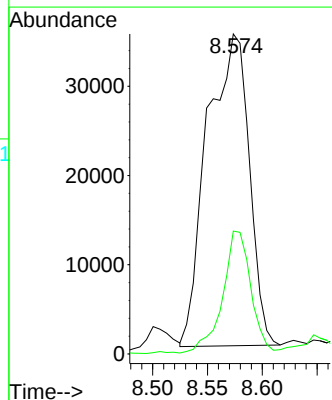
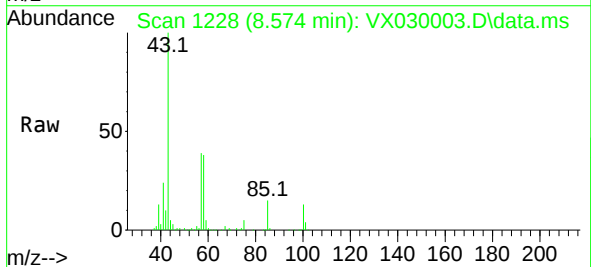
Instrument :
MSVOA_X
ClientSampleId :
31493

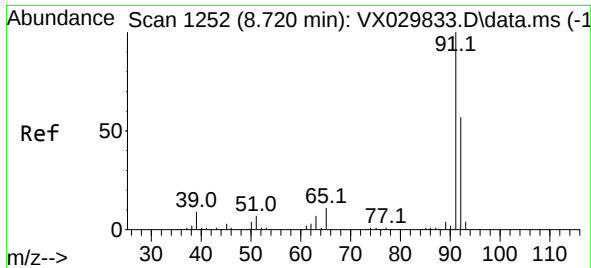
Tgt Ion: 98 Resp: 360382
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 25.868 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Tgt Ion: 43 Resp: 93025
Ion Ratio Lower Upper
43 100
58 26.4 31.4 47.2#

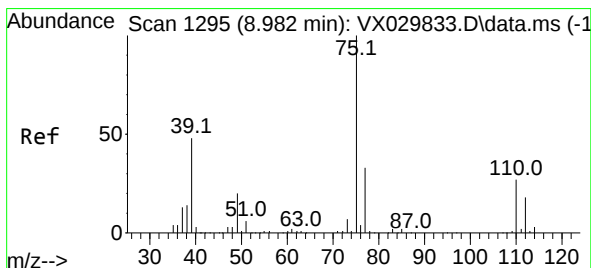
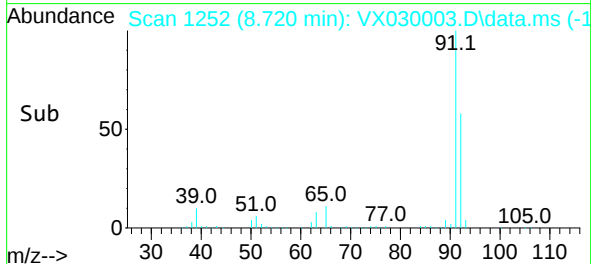
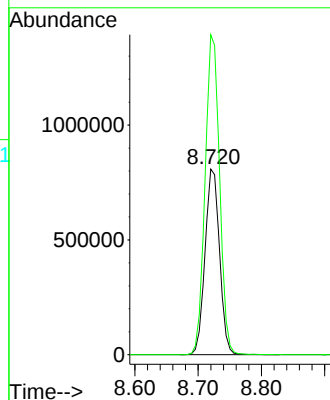
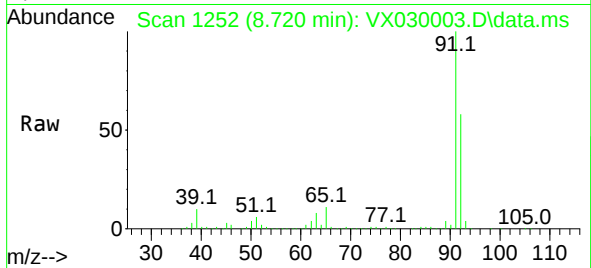




#52
Toluene
Concen: 249.816 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

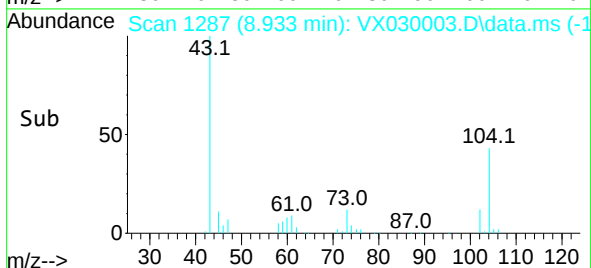
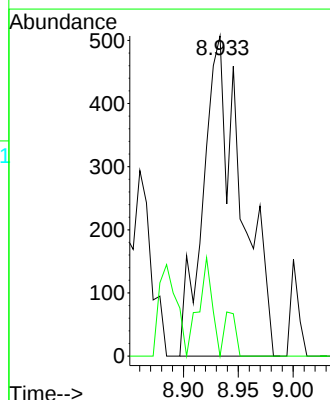
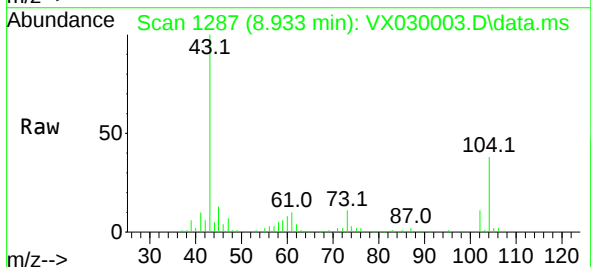
Instrument :
MSVOA_X
ClientSampleId :
31493

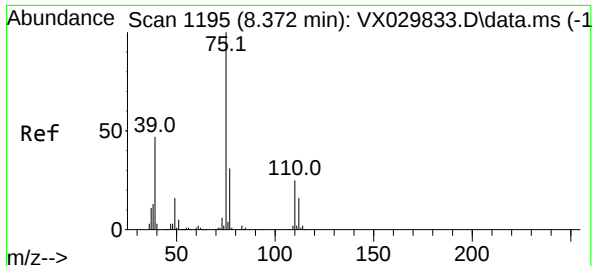
Tgt Ion: 92 Resp: 1290738
Ion Ratio Lower Upper
92 100
91 172.2 139.2 208.8



#53
t-1,3-Dichloropropene
Concen: 0.434 ug/l
RT: 8.933 min Scan# 1287
Delta R.T. -0.049 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Tgt Ion: 75 Resp: 1228
Ion Ratio Lower Upper
75 100
77 0.0 26.3 39.5#

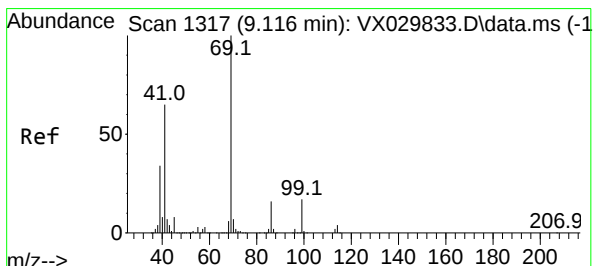
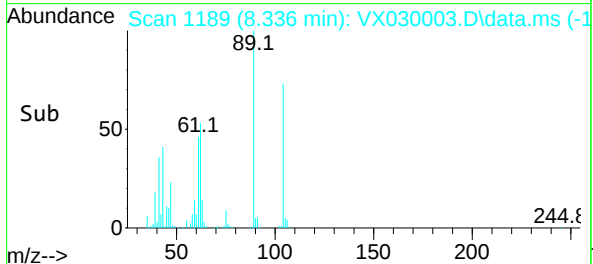
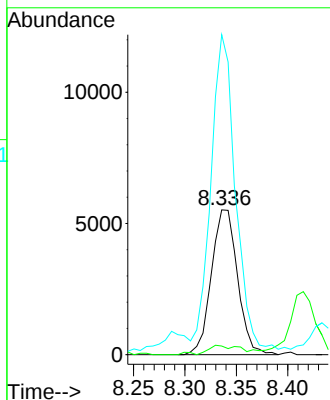
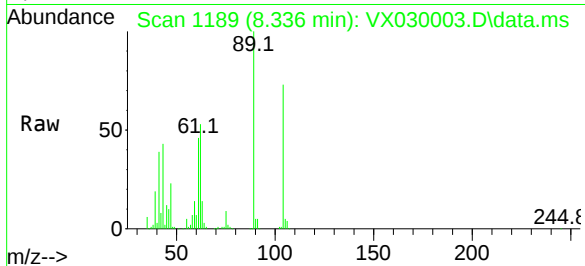




#54
cis-1,3-Dichloropropene
Concen: 3.053 ug/l
RT: 8.336 min Scan# 1195
Delta R.T. -0.037 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

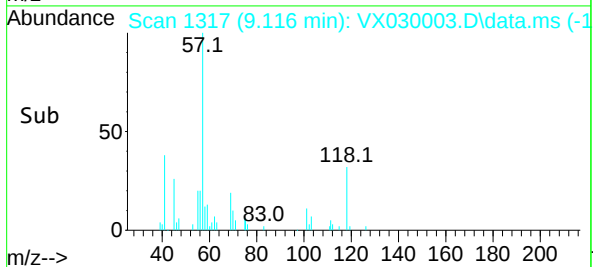
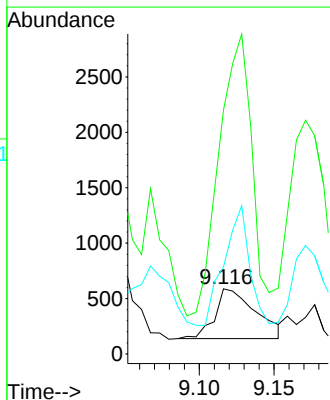
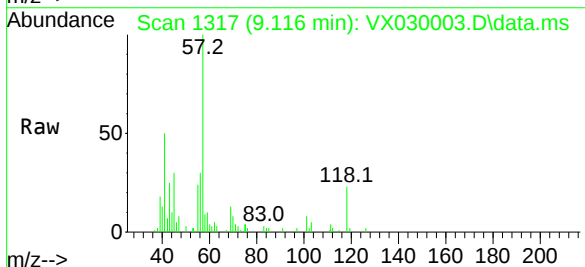
Instrument :
MSVOA_X
ClientSampleId :
31493

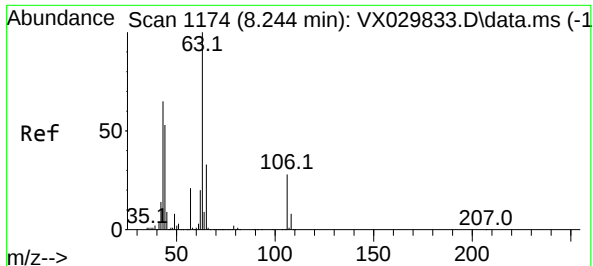
Tgt Ion: 75 Resp: 9752
Ion Ratio Lower Upper
75 100
77 6.0 25.0 37.4#
39 217.2 37.5 56.3#



#56
Ethyl methacrylate
Concen: 0.240 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Tgt Ion: 69 Resp: 852
Ion Ratio Lower Upper
69 100
41 450.5 52.3 78.5#
39 149.2 28.2 42.4#

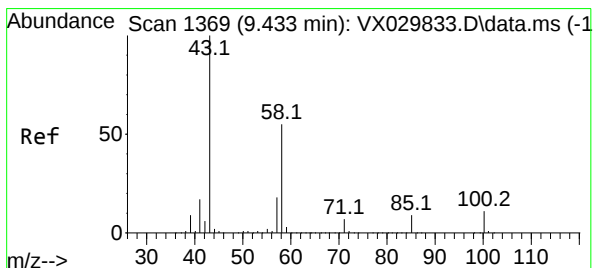
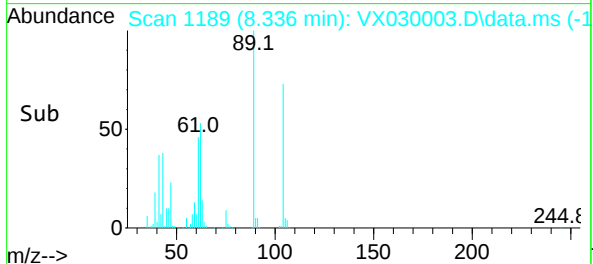
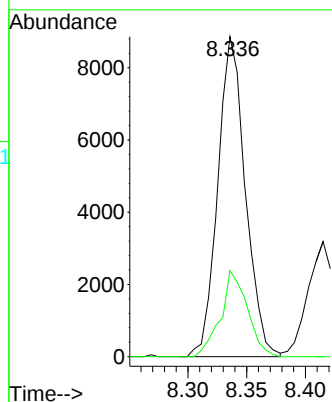
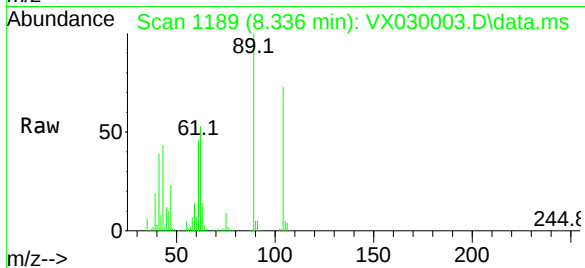




#58
2-Chloroethyl Vinyl ether
Concen: 8.550 ug/l
RT: 8.336 min Scan# 1174
Delta R.T. 0.091 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

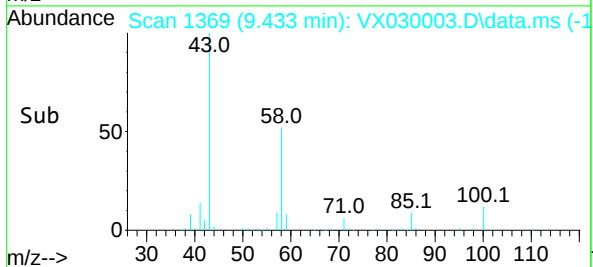
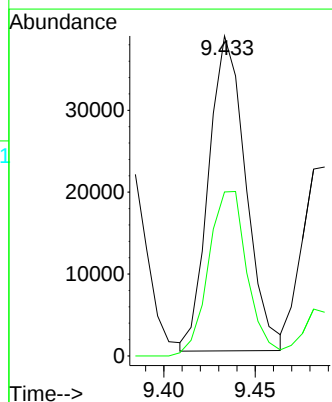
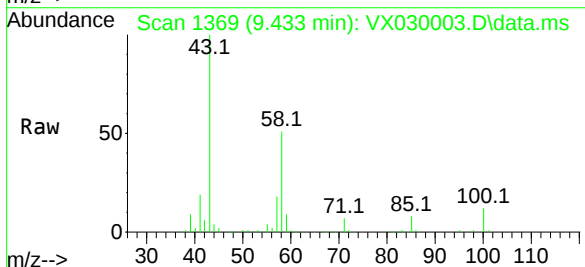
Instrument :
MSVOA_X
ClientSampleId :
31493

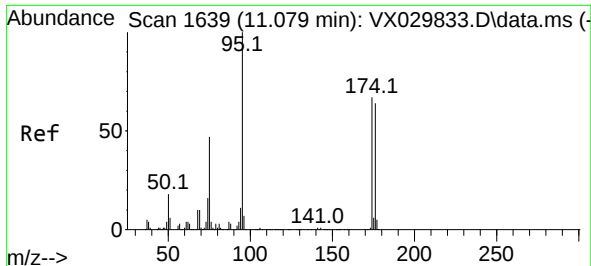
Tgt Ion: 63 Resp: 14479
Ion Ratio Lower Upper
63 100
106 26.0 22.2 33.2



#59
2-Hexanone
Concen: 19.499 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Tgt Ion: 43 Resp: 54417
Ion Ratio Lower Upper
43 100
58 54.4 27.6 82.8

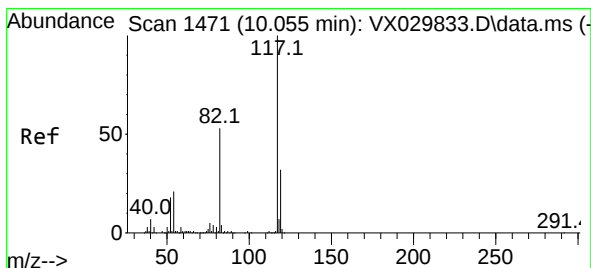
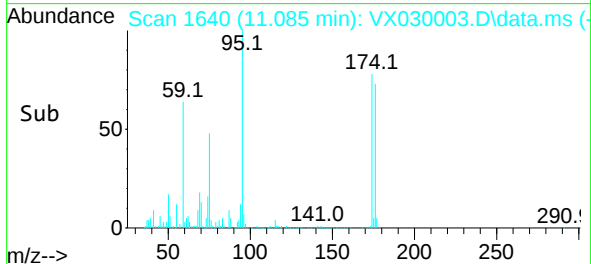
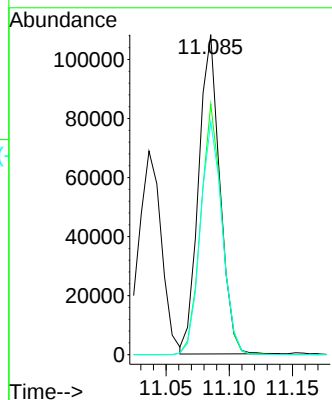
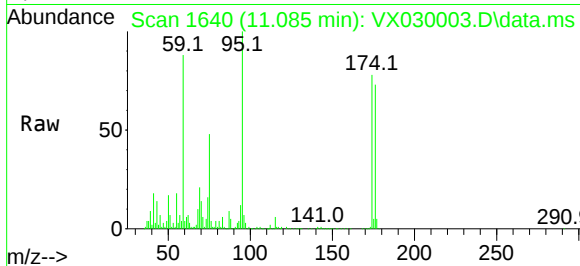




#62
4-Bromofluorobenzene
Concen: 47.920 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

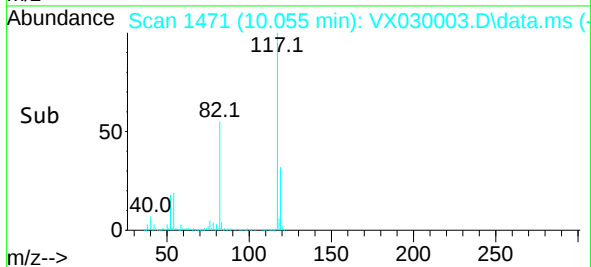
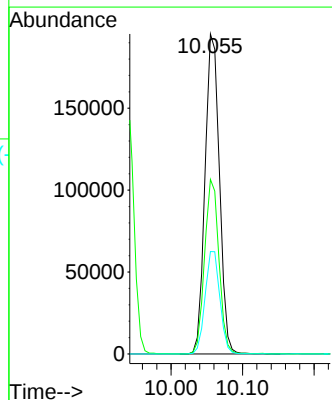
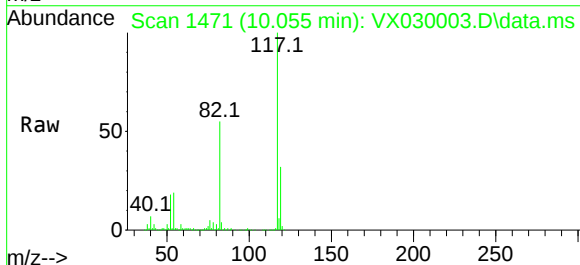
Instrument :
MSVOA_X
ClientSampleId :
31493

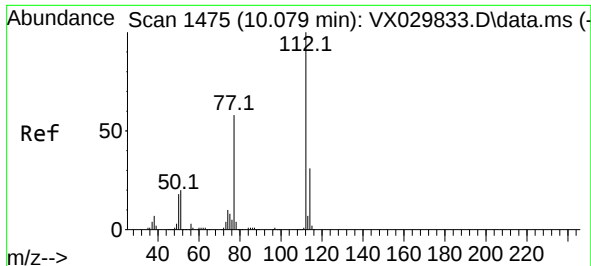
Tgt Ion: 95 Resp: 126517
Ion Ratio Lower Upper
95 100
174 77.8 0.0 149.0
176 74.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Tgt Ion: 117 Resp: 273843
Ion Ratio Lower Upper
117 100
82 54.5 42.7 64.1
119 32.0 25.4 38.2

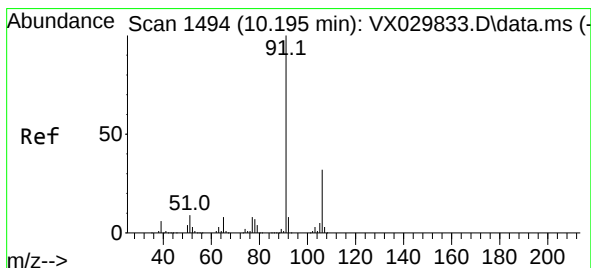
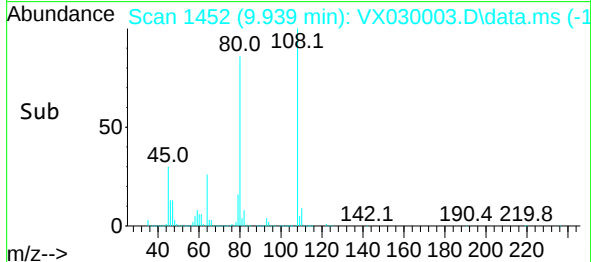
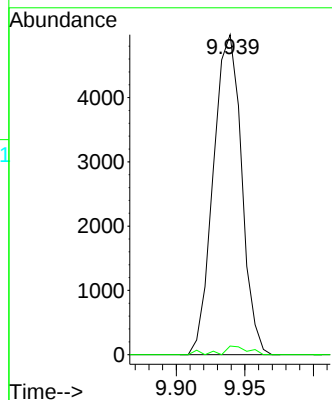
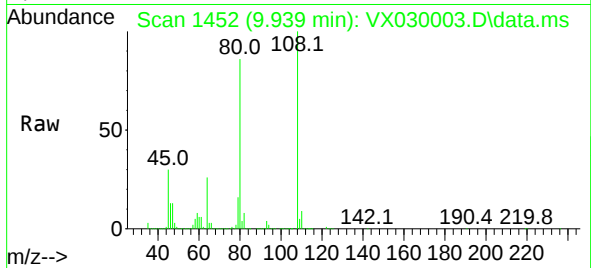




#65
Chlorobenzene
Concen: 1.300 ug/l
RT: 9.939 min Scan# 1452
Delta R.T. -0.140 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

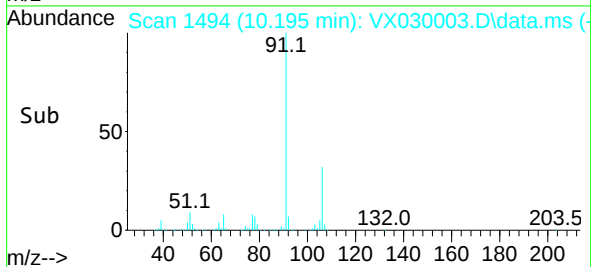
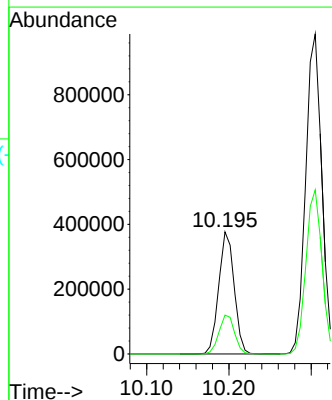
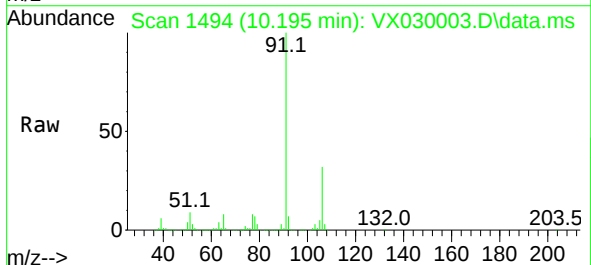
Instrument :
MSVOA_X
ClientSampleId :
31493

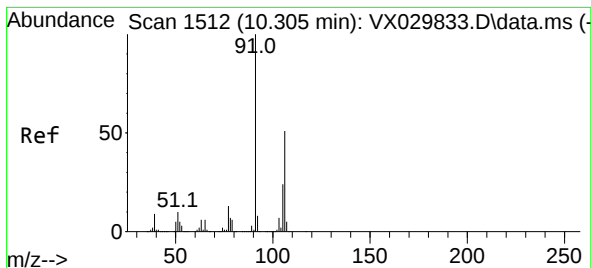
Tgt Ion:112 Resp: 7148
Ion Ratio Lower Upper
112 100
114 2.7 24.6 36.8#



#67
Ethyl Benzene
Concen: 51.398 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Tgt Ion: 91 Resp: 491428
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3

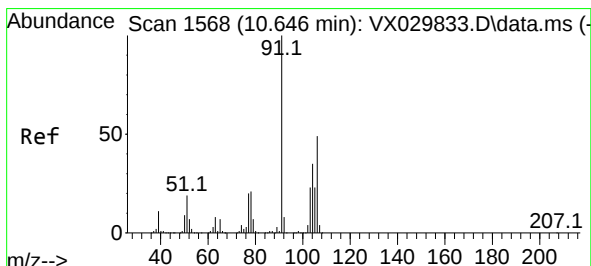
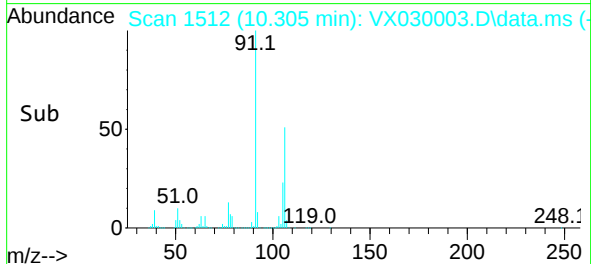
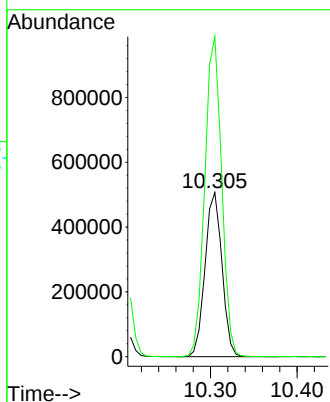
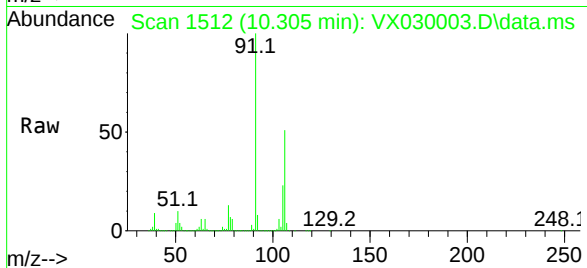




#68
m/p-Xylenes
Concen: 187.197 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

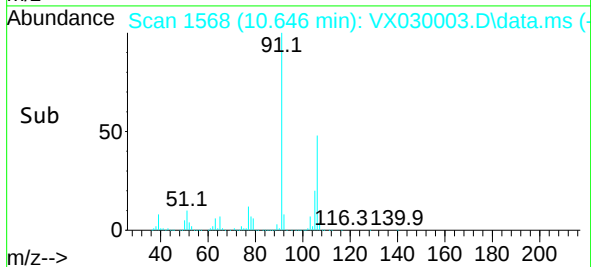
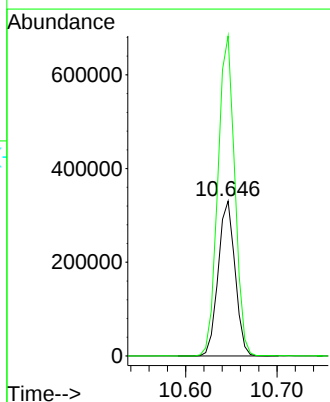
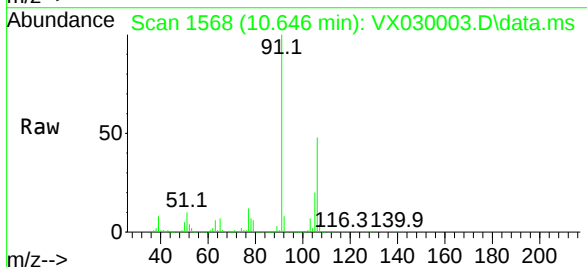
Instrument :
MSVOA_X
ClientSampleId :
31493

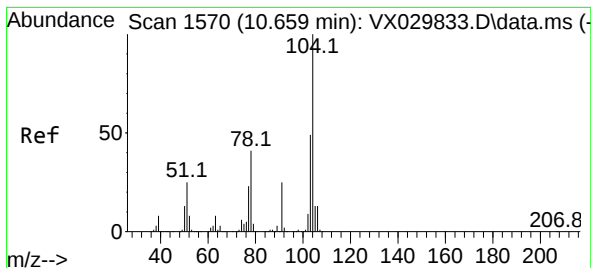
Tgt Ion:106 Resp: 686459
Ion Ratio Lower Upper
106 100
91 194.6 158.2 237.4



#69
o-Xylene
Concen: 114.175 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Tgt Ion:106 Resp: 424083
Ion Ratio Lower Upper
106 100
91 207.4 103.8 311.6





#70

Styrene

Concen: 3.719 ug/l

RT: 10.646 min Scan# 1

Delta R.T. -0.012 min

Lab File: VX030003.D

Acq: 11 Jul 2022 17:30

Instrument :

MSVOA_X

ClientSampleId :

31493

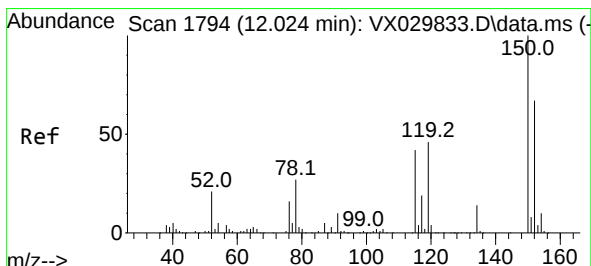
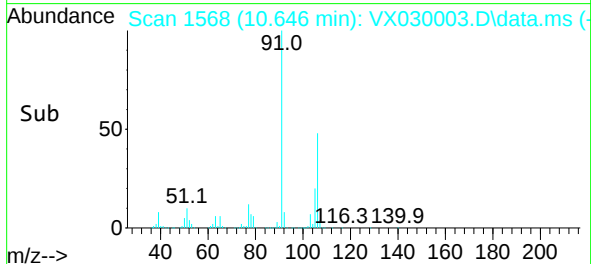
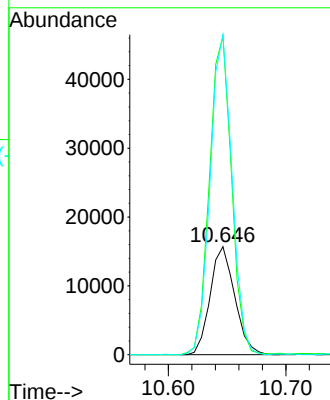
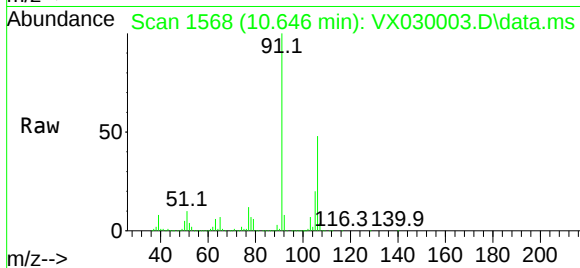
Tgt Ion:104 Resp: 22831

Ion Ratio Lower Upper

104 100

78 264.2 37.8 56.8#

103 263.5 44.5 66.7#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030003.D

Acq: 11 Jul 2022 17:30

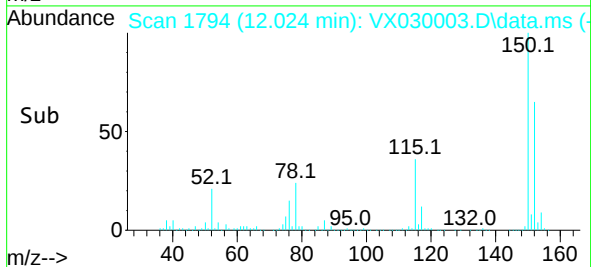
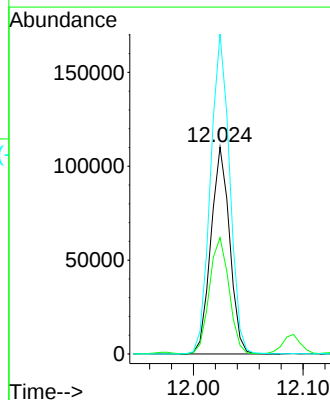
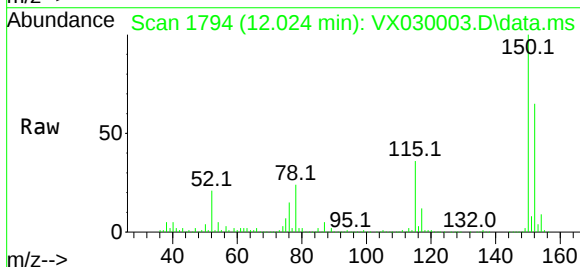
Tgt Ion:152 Resp: 131135

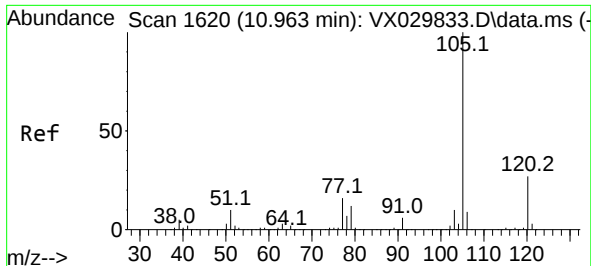
Ion Ratio Lower Upper

152 100

115 58.4 40.5 121.5

150 158.0 0.0 347.0

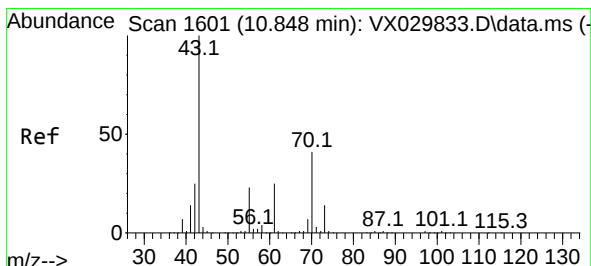
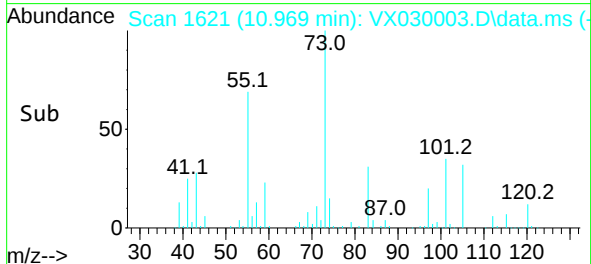
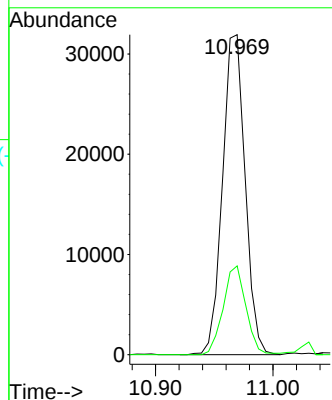
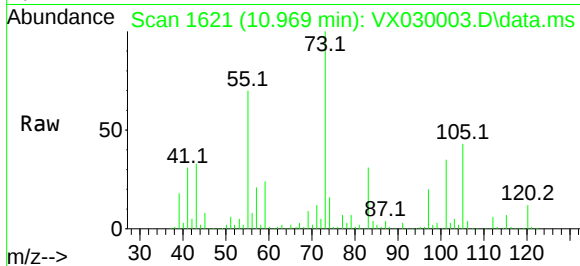




#73
Isopropylbenzene
Concen: 4.510 ug/l
RT: 10.969 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

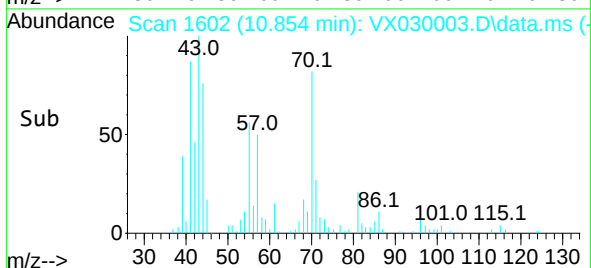
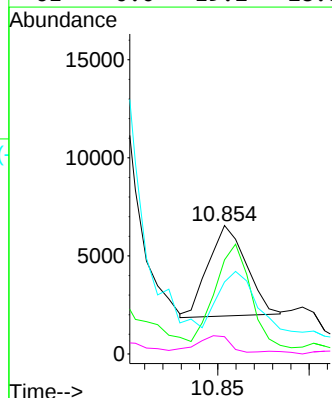
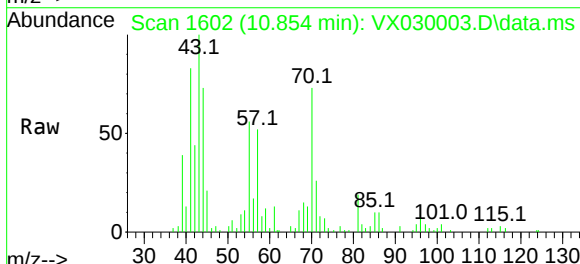
Instrument :
MSVOA_X
ClientSampleId :
31493

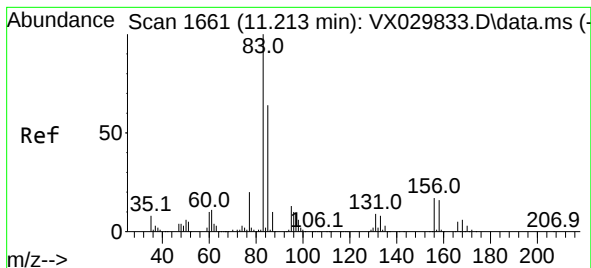
Tgt Ion:105 Resp: 42795
Ion Ratio Lower Upper
105 100
120 27.9 13.5 40.4



#74
N-ethyl acetate
Concen: 1.431 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Tgt Ion: 43 Resp: 6721
Ion Ratio Lower Upper
43 100
70 107.5 32.3 48.5#
55 105.4 18.4 27.6#
61 0.0 19.2 28.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 23.551 ug/l

RT: 11.158 min Scan# 1

Delta R.T. -0.055 min

Lab File: VX030003.D

Acq: 11 Jul 2022 17:30

Instrument :

MSVOA_X

ClientSampleId :

31493

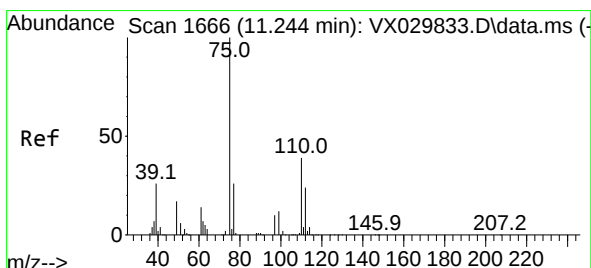
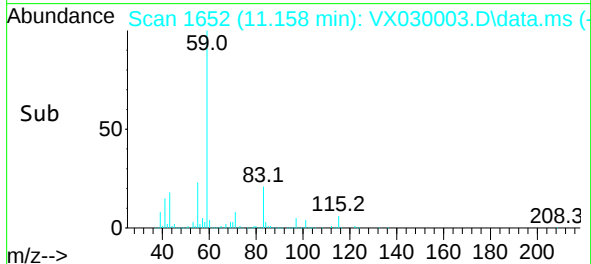
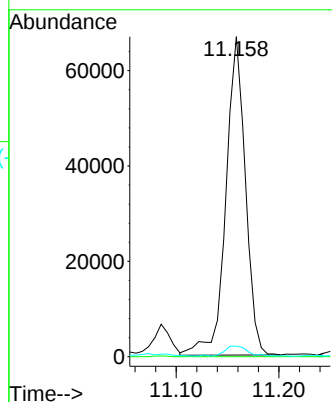
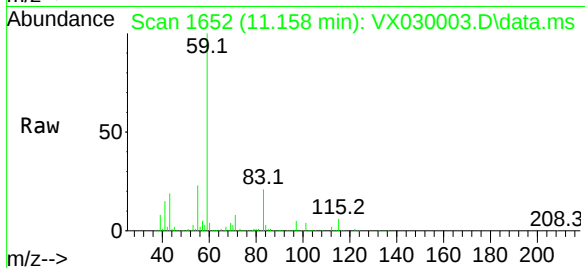
Tgt Ion: 83 Resp: 87976

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.7#

85 4.1 32.5 97.5#



#76

1,2,3-Trichloropropane

Concen: 7.748 ug/l

RT: 11.037 min Scan# 1632

Delta R.T. -0.207 min

Lab File: VX030003.D

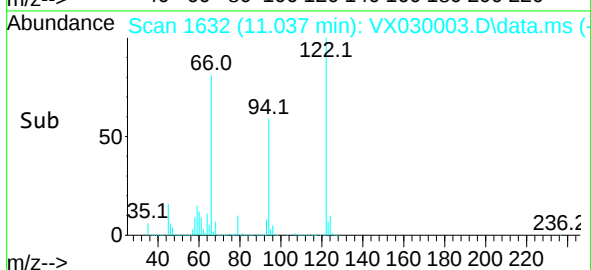
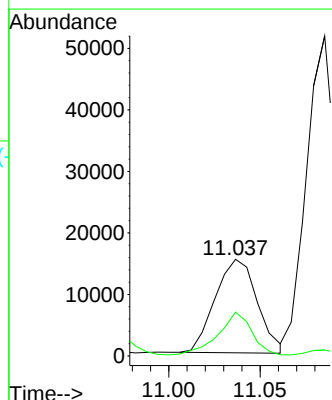
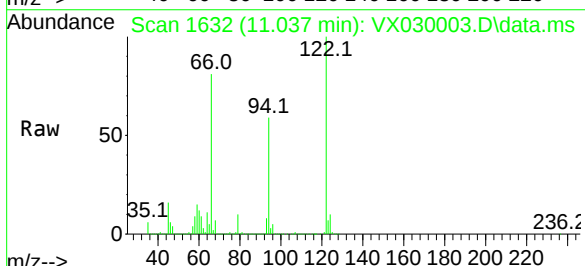
Acq: 11 Jul 2022 17:30

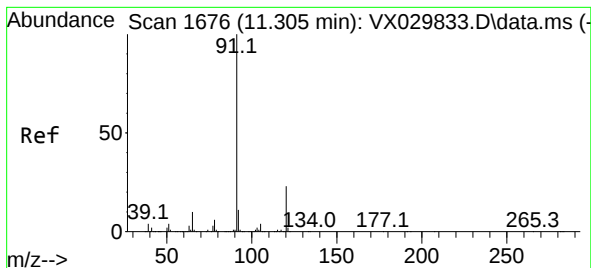
Tgt Ion: 75 Resp: 24323

Ion Ratio Lower Upper

75 100

77 36.2 19.8 59.3





#78

n-propylbenzene

Concen: 8.511 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX030003.D

Acq: 11 Jul 2022 17:30

Instrument :

MSVOA_X

ClientSampleId :

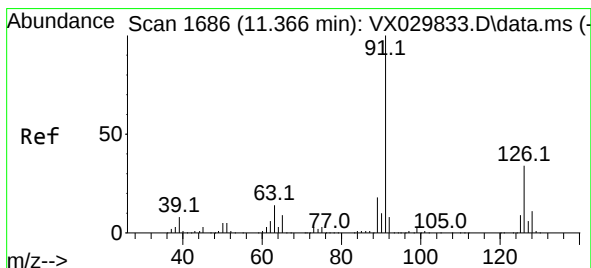
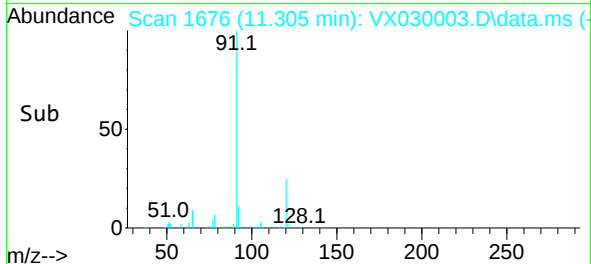
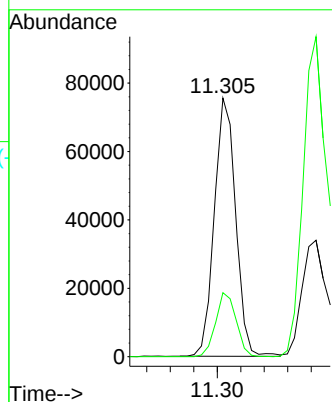
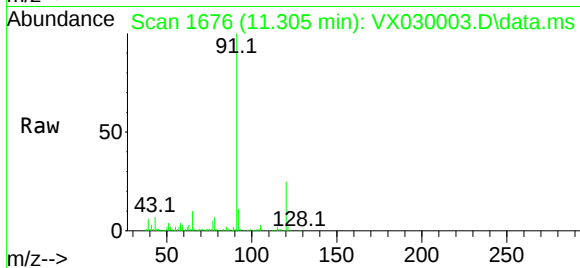
31493

Tgt Ion: 91 Resp: 95249

Ion Ratio Lower Upper

91 100

120 23.8 11.6 34.8



#79

2-Chlorotoluene

Concen: 8.698 ug/l

RT: 11.384 min Scan# 1689

Delta R.T. 0.018 min

Lab File: VX030003.D

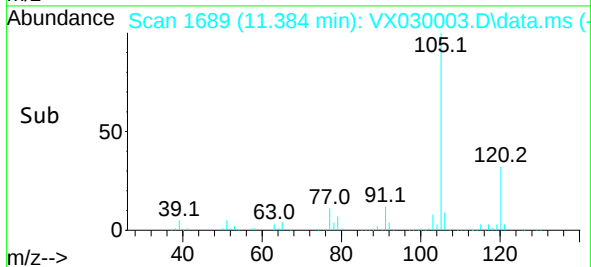
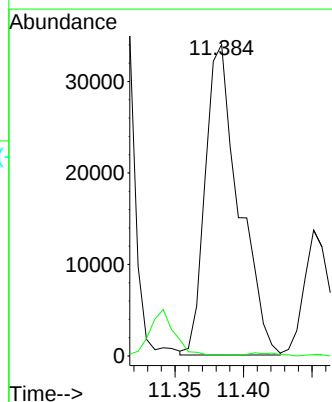
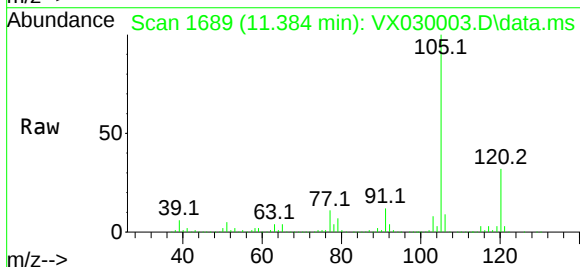
Acq: 11 Jul 2022 17:30

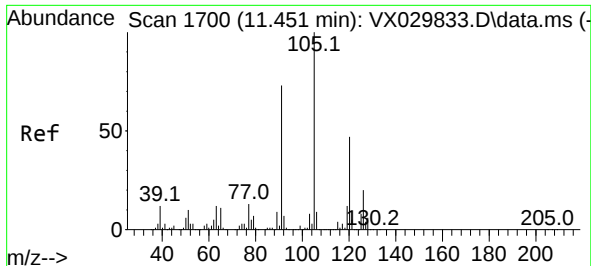
Tgt Ion: 91 Resp: 57872

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.3#

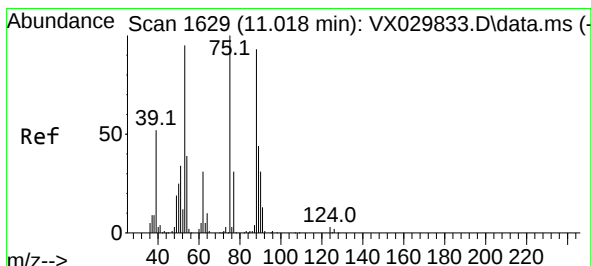
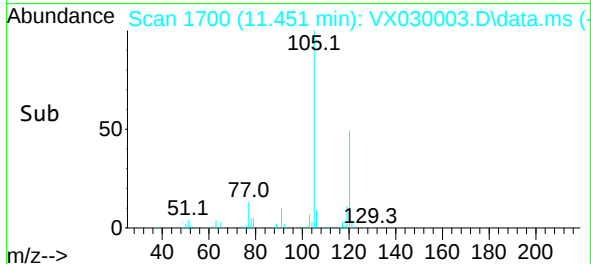
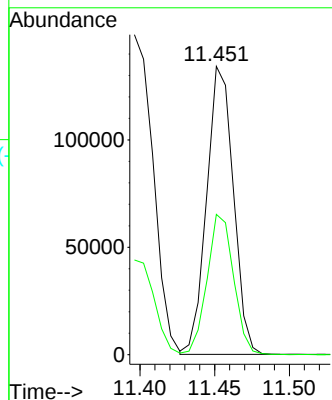
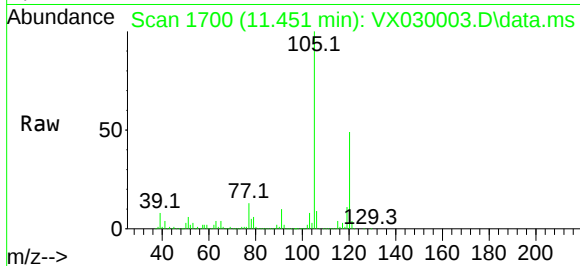




#80
1,3,5-Trimethylbenzene
Concen: 21.174 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

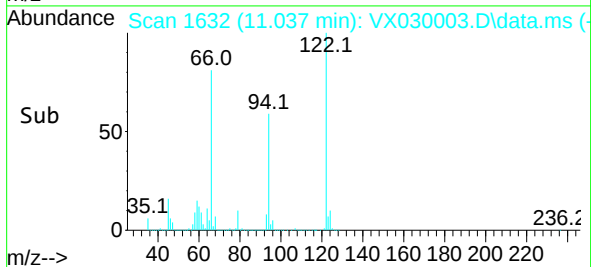
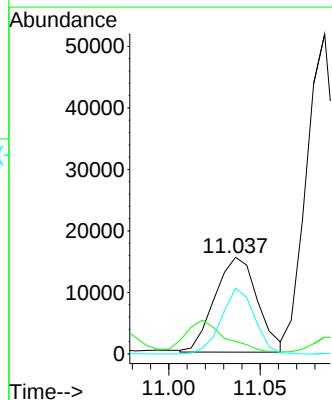
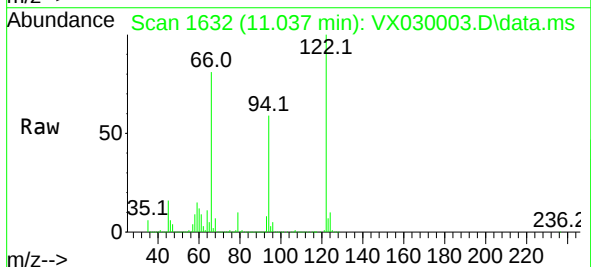
Instrument :
MSVOA_X
ClientSampleId :
31493

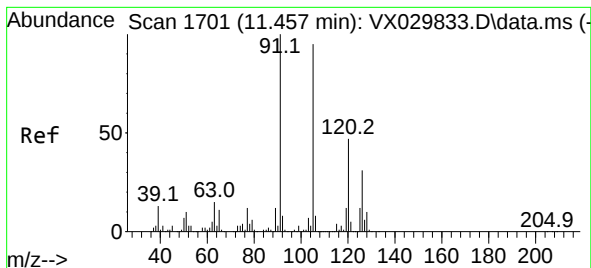
Tgt Ion:105 Resp: 166790
Ion Ratio Lower Upper
105 100
120 48.5 24.4 73.2



#81
trans-1,4-Dichloro-2-butene
Concen: 25.313 ug/l
RT: 11.037 min Scan# 1632
Delta R.T. 0.018 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Tgt Ion: 75 Resp: 25021
Ion Ratio Lower Upper
75 100
53 33.5 74.2 111.4#
89 54.0 34.8 52.2#

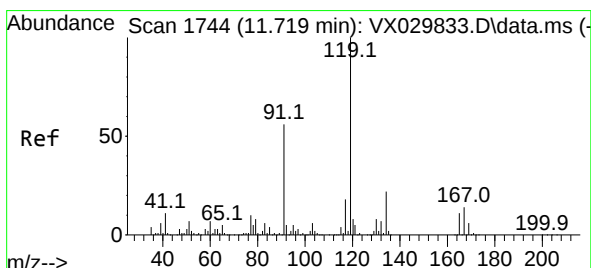
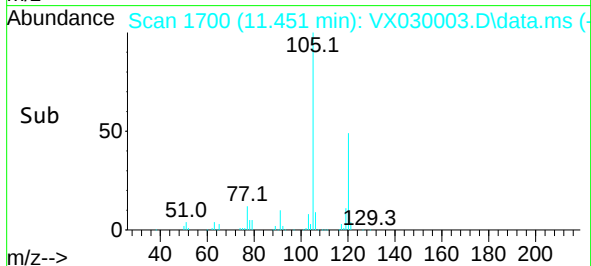
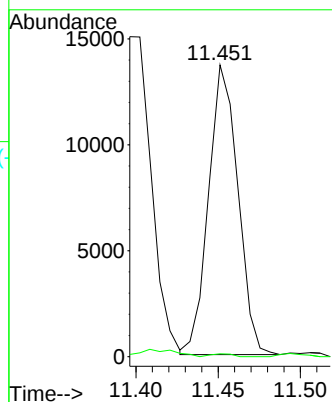
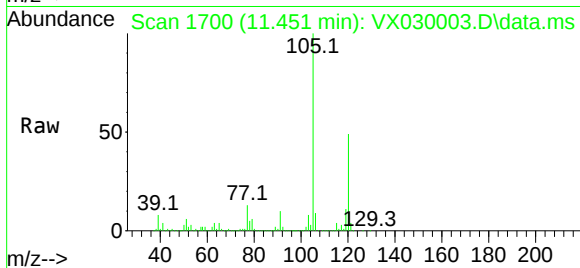




#82
4-Chlorotoluene
Concen: 2.239 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

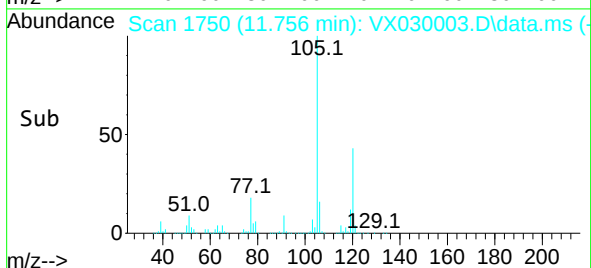
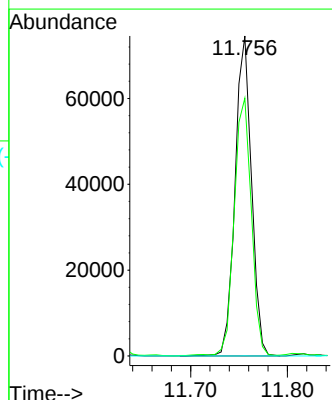
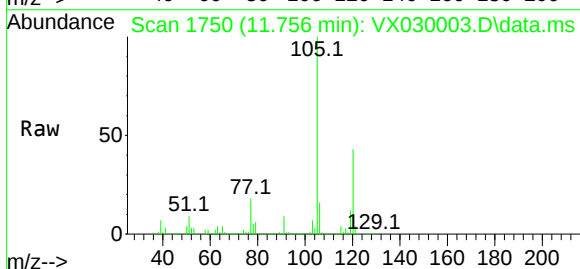
Instrument :
MSVOA_X
ClientSampleId :
31493

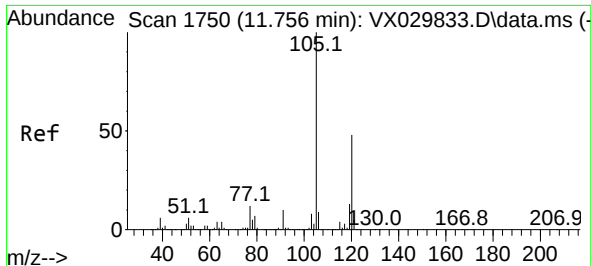
Tgt Ion: 91 Resp: 16975
Ion Ratio Lower Upper
91 100
126 0.0 15.3 45.9#



#83
tert-Butylbenzene
Concen: 11.281 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.037 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Tgt Ion: 119 Resp: 88070
Ion Ratio Lower Upper
119 100
91 84.7 28.3 84.9
134 0.0 11.2 33.5#

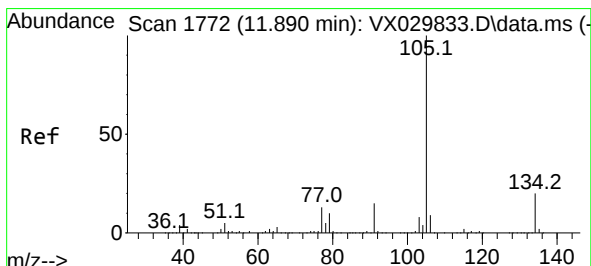
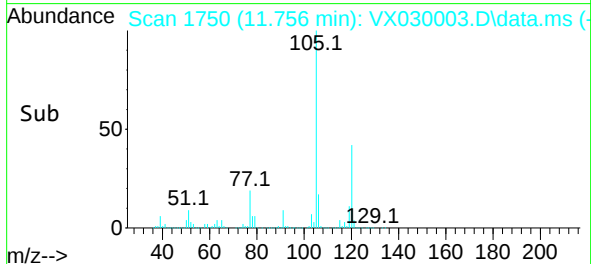
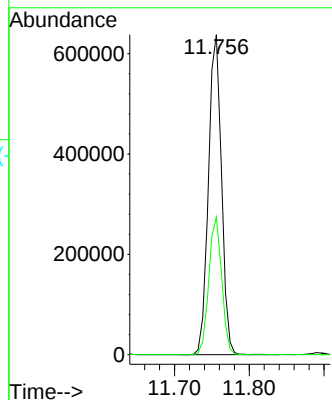
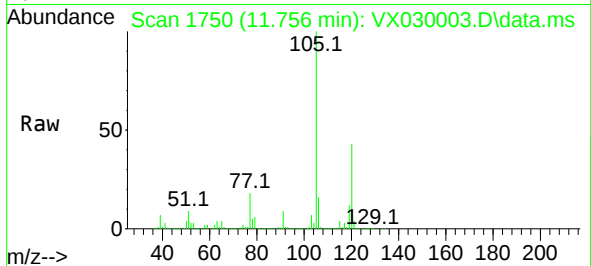




#84
1,2,4-Trimethylbenzene
Concen: 97.926 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

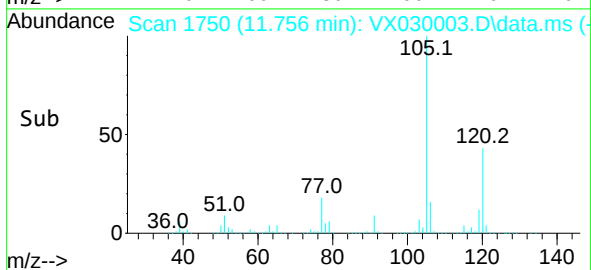
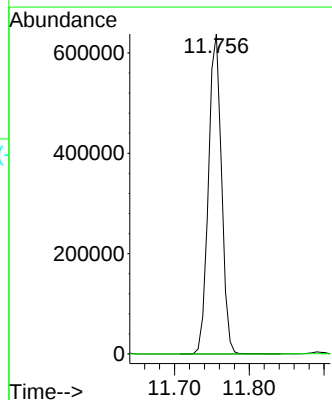
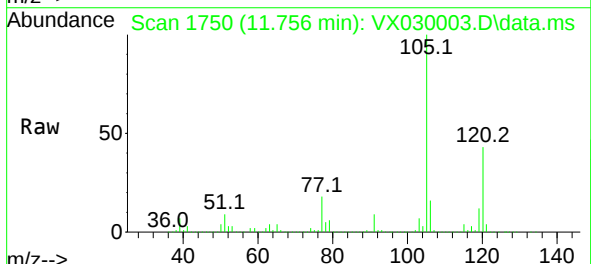
Instrument :
MSVOA_X
ClientSampleId :
31493

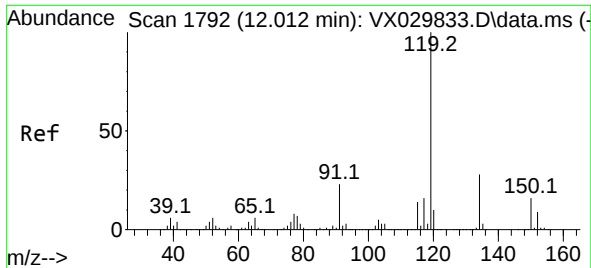
Tgt Ion:105 Resp: 772731
Ion Ratio Lower Upper
105 100
120 42.4 22.9 68.8



#85
sec-Butylbenzene
Concen: 78.549 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Tgt Ion:105 Resp: 772731
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#

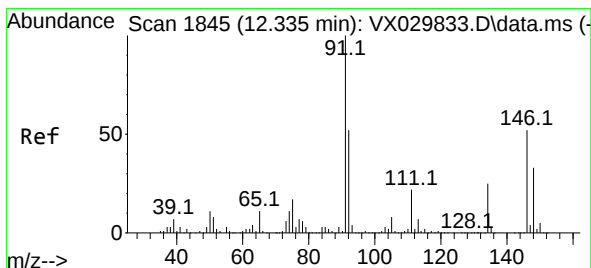
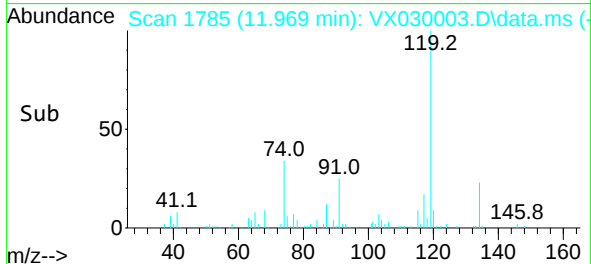
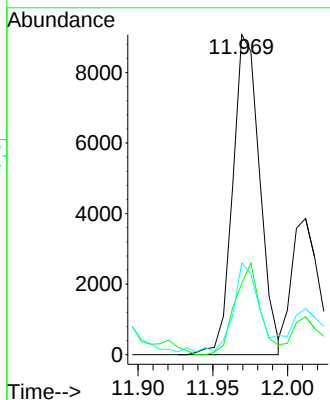
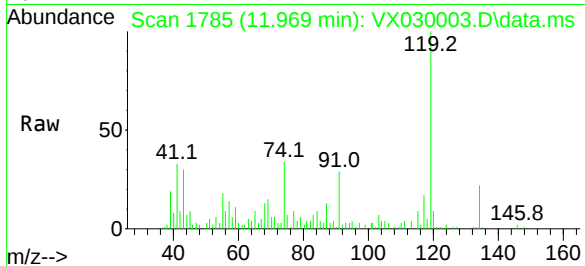




#86
p-Isopropyltoluene
Concen: 1.445 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.043 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

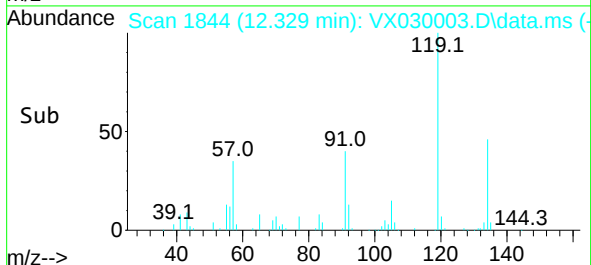
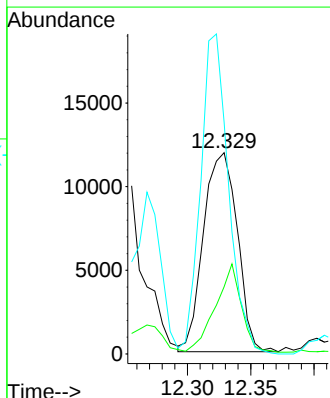
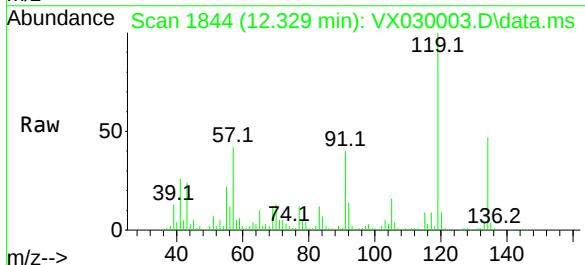
Instrument :
MSVOA_X
ClientSampleId :
31493

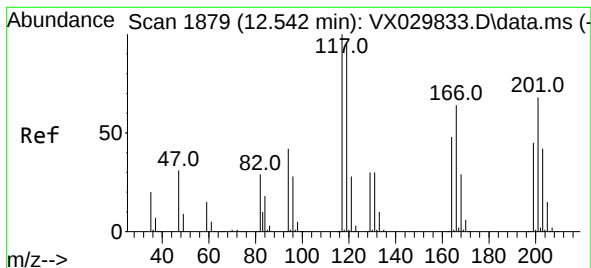
Tgt Ion:119 Resp: 11347
Ion Ratio Lower Upper
119 100
134 26.8 13.9 41.6
91 28.1 11.8 35.3



#89
n-Butylbenzene
Concen: 3.006 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Tgt Ion: 91 Resp: 22188
Ion Ratio Lower Upper
91 100
92 33.6 26.2 78.5
134 133.0 12.6 37.8#





#90

Hexachloroethane

Concen: 4.397 ug/l

RT: 12.536 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX030003.D

Acq: 11 Jul 2022 17:30

Instrument :

MSVOA_X

ClientSampleId :

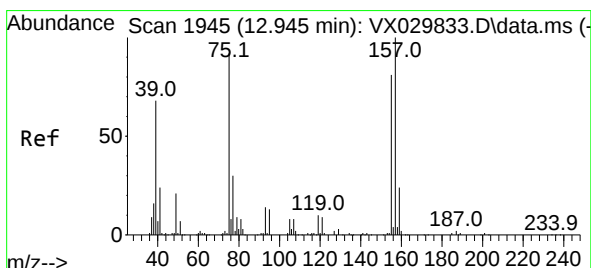
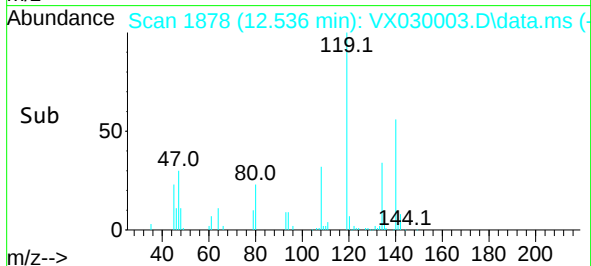
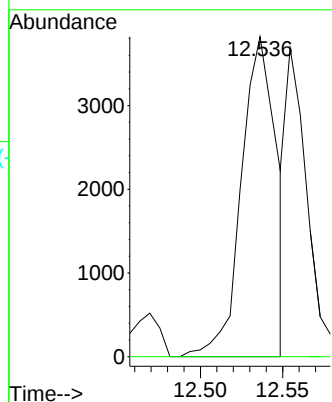
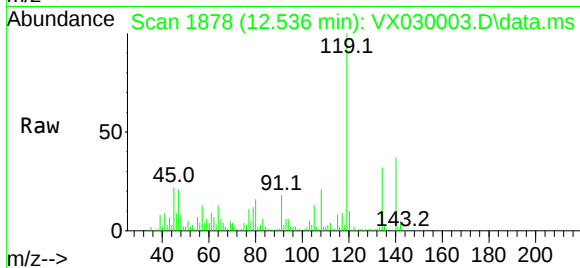
31493

Tgt Ion:117 Resp: 5632

Ion Ratio Lower Upper

117 100

201 0.0 34.2 102.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.987 ug/l

RT: 12.933 min Scan# 1943

Delta R.T. -0.012 min

Lab File: VX030003.D

Acq: 11 Jul 2022 17:30

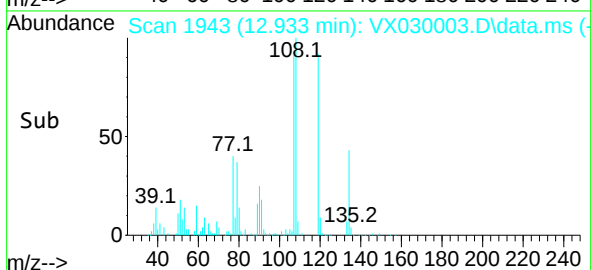
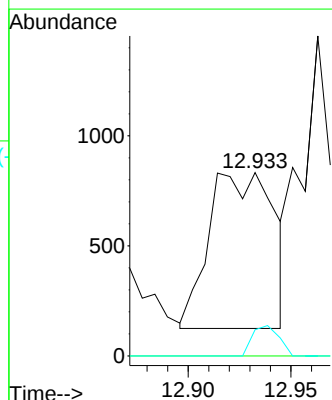
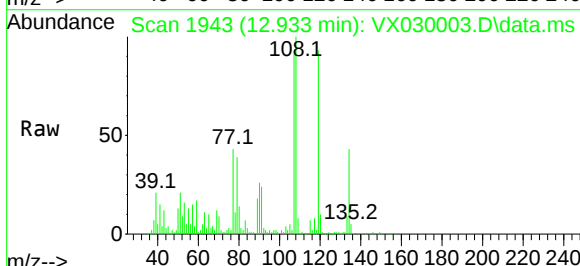
Tgt Ion: 75 Resp: 1551

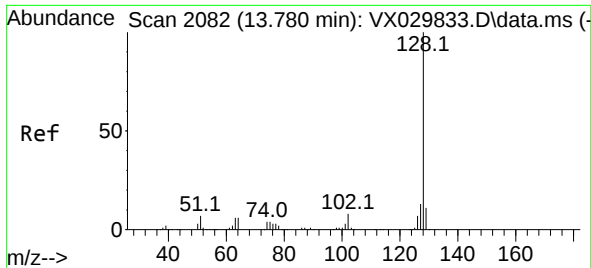
Ion Ratio Lower Upper

75 100

155 0.0 45.0 134.8#

157 8.0 56.9 170.7#





#95
Naphthalene
Concen: 70.075 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX030003.D
Acq: 11 Jul 2022 17:30

Instrument :
MSVOA_X
ClientSampleId :
31493

Tgt Ion:128 Resp: 742207
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.6 13.0

