

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029597.D
 Acq On : 19 Jun 2022 02:40
 Operator : JC/MD
 Sample : N3290-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-32

Quant Time: Jun 20 01:39:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	278633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	470191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	415379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	161916	43.899	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.800%
35) Dibromofluoromethane	5.391	113	140286	45.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.560%
50) Toluene-d8	8.653	98	537795	48.043	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.080%
62) 4-Bromofluorobenzene	11.079	95	205685	48.724	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.440%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	943	0.259	ug/l	89
5) Bromomethane	1.617	94	591	0.346	ug/l #	68
6) Chloroethane	1.678	64	520	1.486	ug/l #	43
8) Diethyl Ether	2.130	74	651	0.354	ug/l	84
10) Methyl Iodide	2.459	142	593	3.185	ug/l #	76
11) Tert butyl alcohol	2.971	59	441587	560.905	ug/l	99
13) Acrolein	2.215	56	15268	75.146	ug/l #	1
14) Allyl chloride	2.751	41	18142	3.981	ug/l #	1
15) Acrylonitrile	3.111	53	5742	3.328	ug/l #	34
16) Acetone	2.386	43	18599	12.651	ug/l	96
18) Methyl Acetate	2.782	43	53757	13.830	ug/l #	46
19) Methyl tert-butyl Ether	3.117	73	303785	30.998	ug/l #	65
20) Methylene Chloride	2.904	84	21207	6.477	ug/l #	13
22) Diisopropyl ether	3.763	45	222940	24.727	ug/l #	87
23) Vinyl Acetate	3.763	43	110561	14.689	ug/l #	68
24) 1,1-Dichloroethane	3.733	63	2341	0.432	ug/l #	81
25) 2-Butanone	4.568	43	10831	4.661	ug/l #	87
29) Tetrahydrofuran	5.032	42	797	0.515	ug/l #	76
30) Chloroform	5.178	83	20037	3.492	ug/l #	19
31) Cyclohexane	5.477	56	200543	40.500	ug/l	97
36) 1,1-Dichloropropene	5.550	75	21503	5.185	ug/l #	50
38) Carbon Tetrachloride	5.556	117	28706	7.039	ug/l #	17
39) Methylcyclohexane	7.385	83	125190	24.212	ug/l	95
40) Benzene	6.050	78	12360414	1005.469	ug/l	94
41) Methacrylonitrile	4.952	41	1459	0.651	ug/l #	18
42) 1,2-Dichloroethane	6.050	62	104746	24.787	ug/l #	73
43) Isopropyl Acetate	6.336	43	16020	2.423	ug/l #	30
44) Trichloroethene	7.129	130	2177	Below Cal		89
45) 1,2-Dichloropropane	7.379	63	1593	0.528	ug/l #	1
47) Bromodichloromethane	7.769	83	957	0.229	ug/l #	49
48) Methyl methacrylate	7.659	41	12748	3.933	ug/l #	51
51) 4-Methyl-2-Pentanone	8.647	43	3459	0.812	ug/l #	1
52) Toluene	8.720	92	112650	14.310	ug/l	97
55) 1,1,2-Trichloroethane	9.104	97	11421	3.588	ug/l #	21
56) Ethyl methacrylate	9.110	69	3302	0.687	ug/l #	70
58) 2-Chloroethyl Vinyl ether	8.208	63	552	0.244	ug/l #	45

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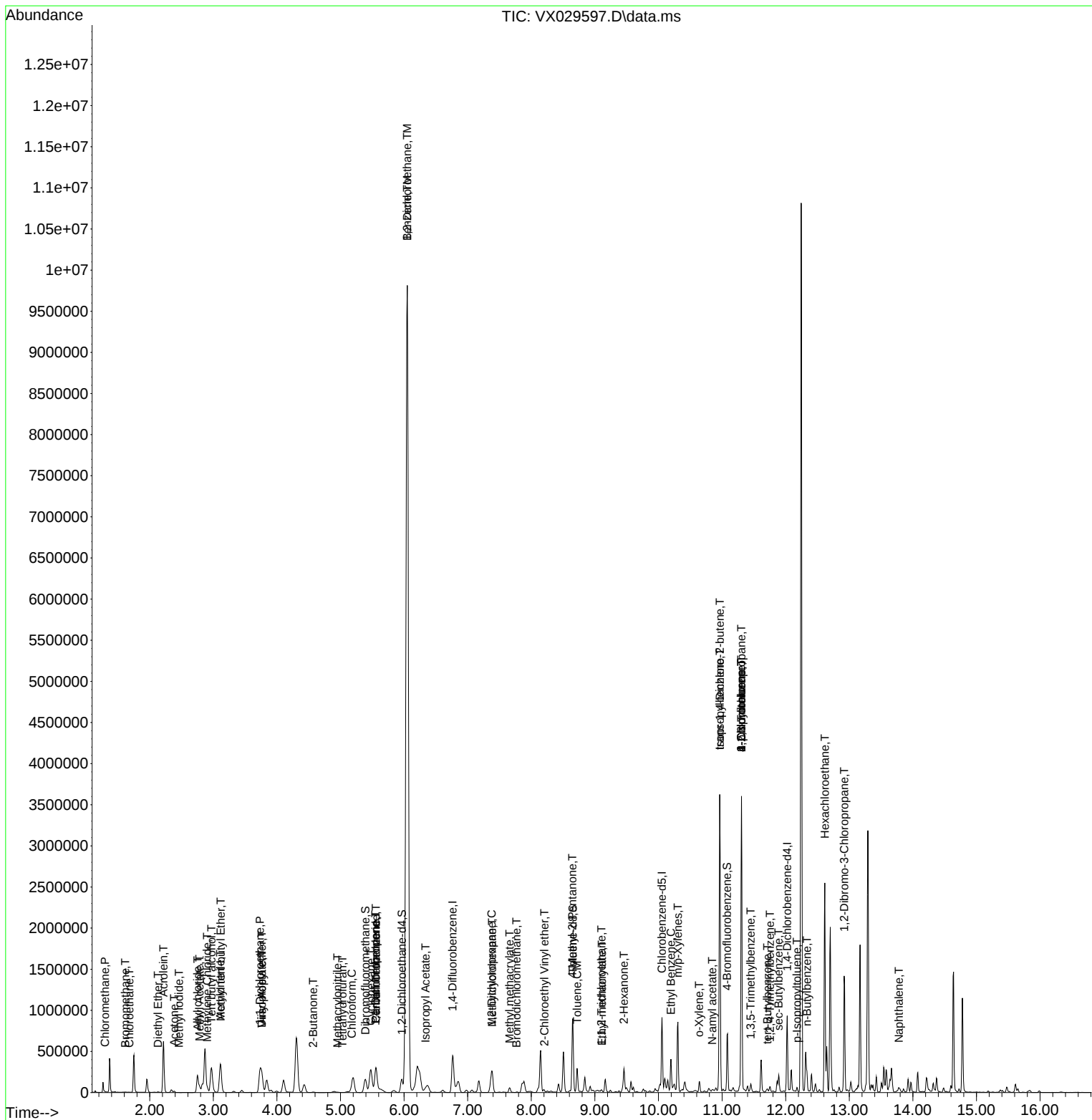
Quant Time: Jun 20 01:39:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
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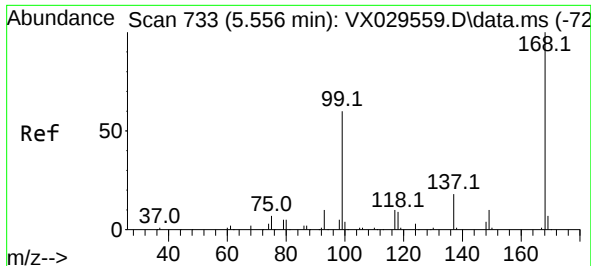
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

59) 2-Hexanone	9.458	43	16486	5.110	ug/l	95
67) Ethyl Benzene	10.195	91	233821	15.947	ug/l	99
68) m/p-Xylenes	10.305	106	207401	36.272	ug/l	99
69) o-Xylene	10.640	106	25213	4.463	ug/l	96
73) Isopropylbenzene	10.963	105	1891919	129.411	ug/l	100
74) N-amyl acetate	10.848	43	1570	0.309	ug/l #	3
76) 1,2,3-Trichloropropane	11.305	75	12587	2.963	ug/l #	1
78) n-propylbenzene	11.305	91	2160975	131.242	ug/l	99
79) 2-Chlorotoluene	11.305	91	2160975	211.955	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	36683	2.979	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.963	75	20909	16.376	ug/l #	59
82) 4-Chlorotoluene	11.305	91	2160975	185.865	ug/l #	45
83) tert-Butylbenzene	11.713	119	7649	0.637	ug/l	74
84) 1,2,4-Trimethylbenzene	11.756	105	28390	2.312	ug/l	99
85) sec-Butylbenzene	11.890	105	101102	6.796	ug/l	98
86) p-Isopropyltoluene	12.177	119	23905	1.919	ug/l #	77
89) n-Butylbenzene	12.335	91	142034	13.509	ug/l #	65
90) Hexachloroethane	12.616	117	101641	56.981	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.920	75	3978	3.798	ug/l #	1
95) Naphthalene	13.780	128	35601	2.603	ug/l	96

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

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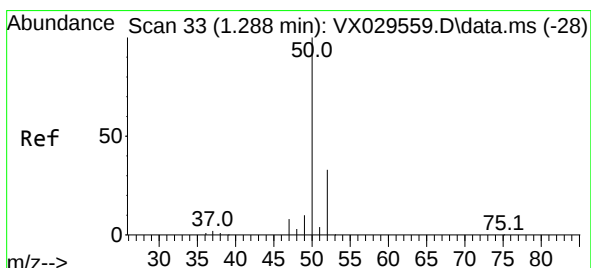
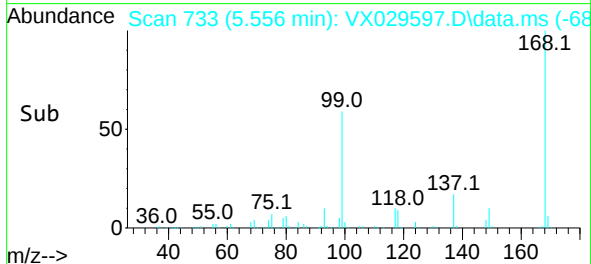
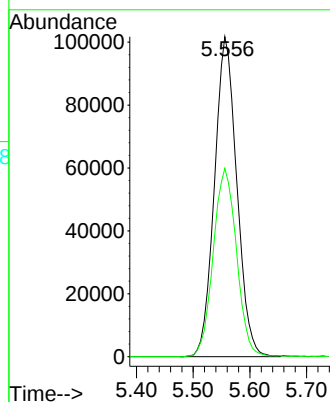
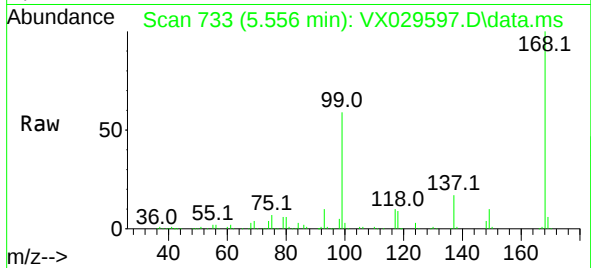




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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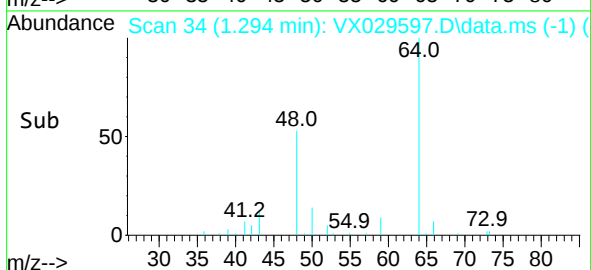
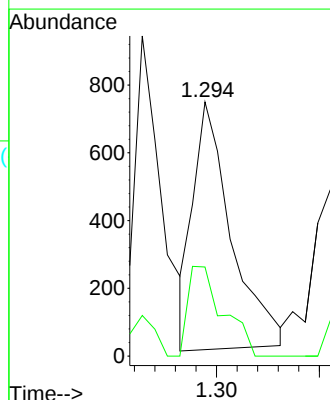
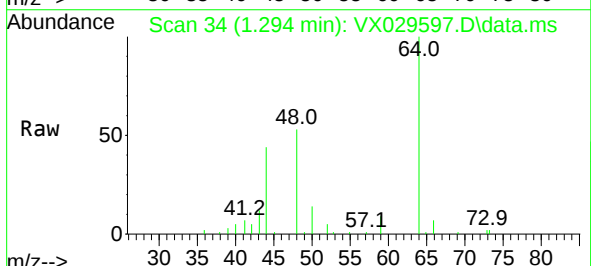
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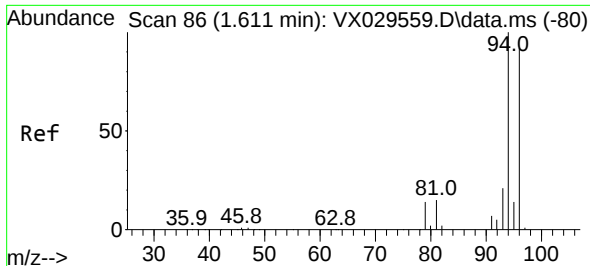
Tgt Ion:168 Resp: 278633
Ion Ratio Lower Upper
168 100
99 58.9 41.7 62.5



#3
Chloromethane
Concen: 0.259 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion: 50 Resp: 943
Ion Ratio Lower Upper
50 100
52 39.5 26.4 39.6

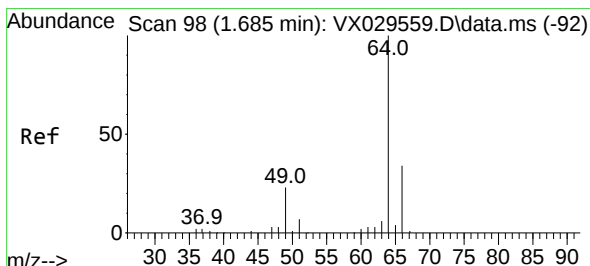
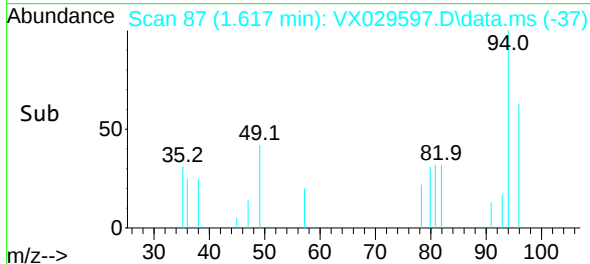
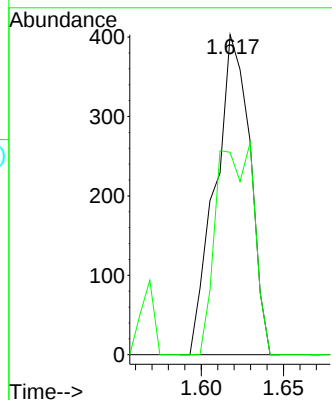
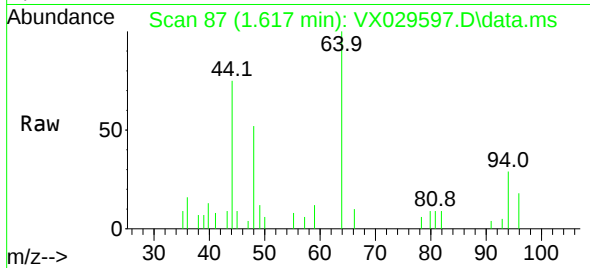




#5
Bromomethane
Concen: 0.346 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

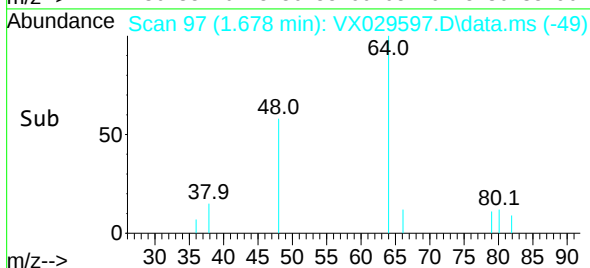
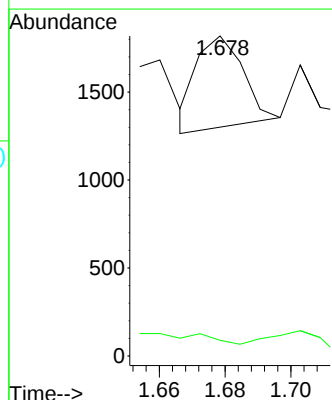
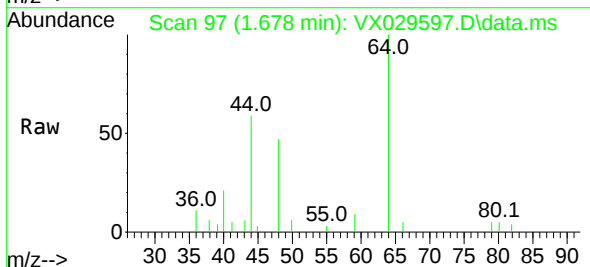
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ClientSampleId :
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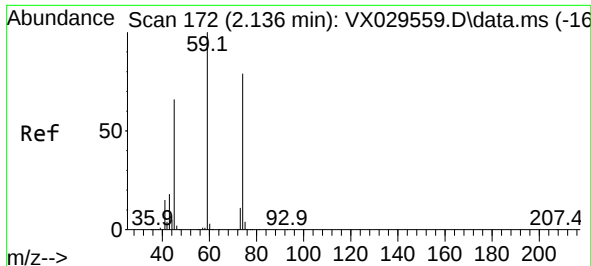
Tgt Ion: 94 Resp: 591
Ion Ratio Lower Upper
94 100
96 63.3 75.3 112.9#



#6
Chloroethane
Concen: 1.486 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion: 64 Resp: 520
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

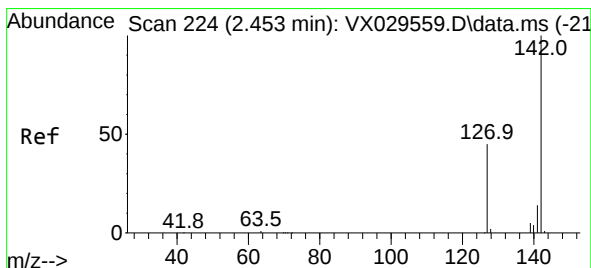
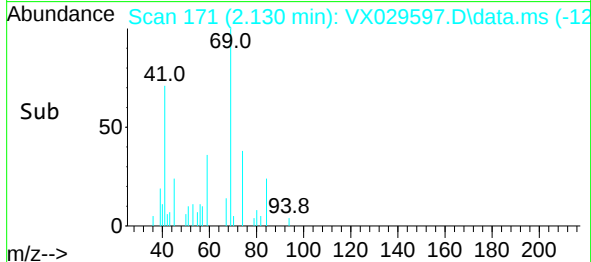
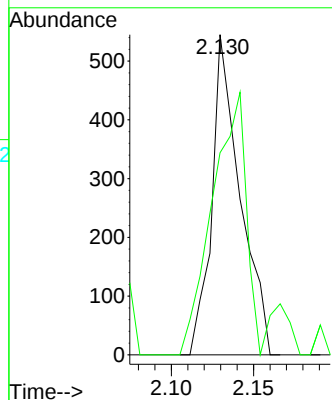
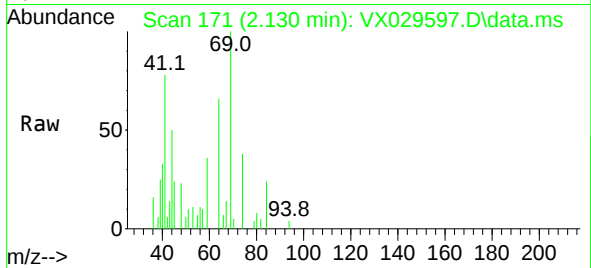




#8
Diethyl Ether
Concen: 0.354 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

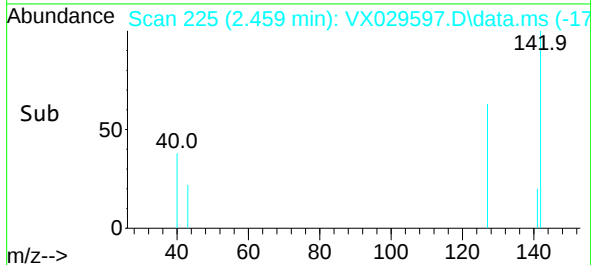
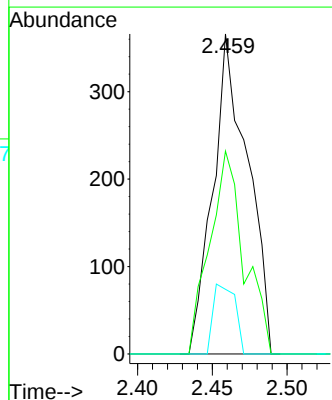
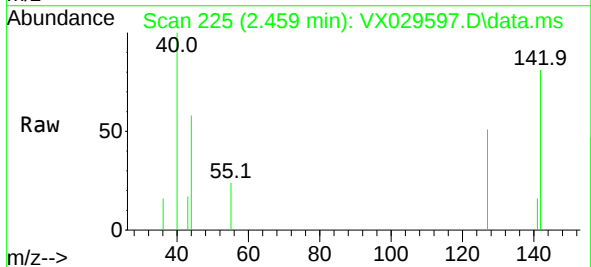
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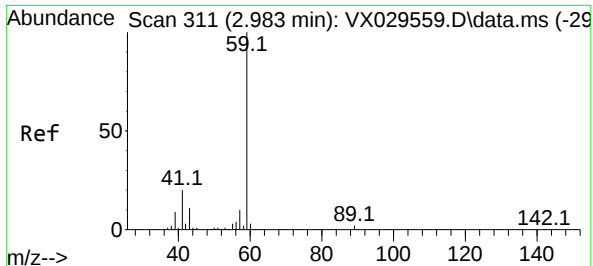
Tgt Ion: 74 Resp: 651
Ion Ratio Lower Upper
74 100
45 98.3 42.0 126.0



#10
Methyl Iodide
Concen: 3.185 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion: 142 Resp: 593
Ion Ratio Lower Upper
142 100
127 62.7 33.9 50.9#
141 13.7 11.4 17.2

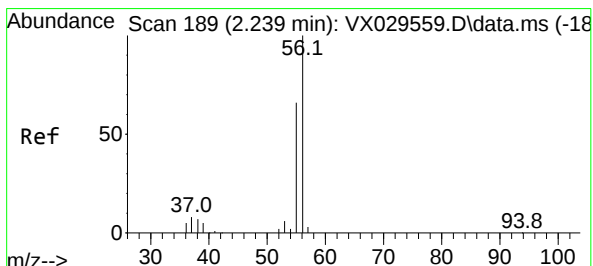
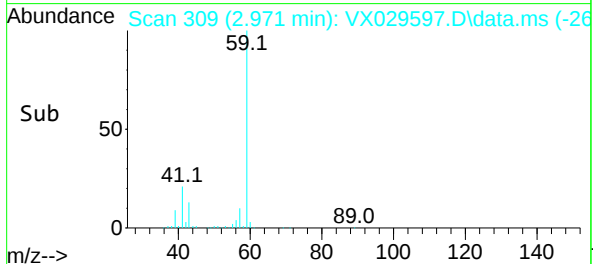
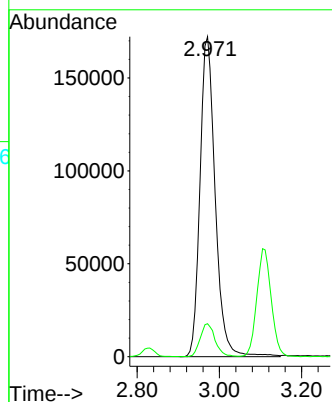
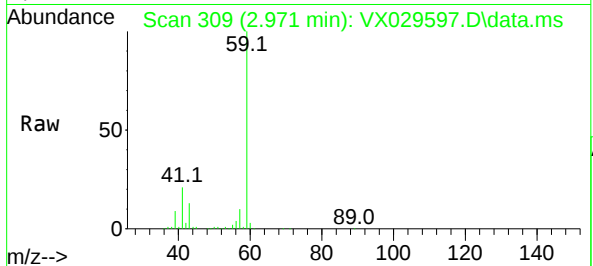




#11
Tert butyl alcohol
Concen: 560.905 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

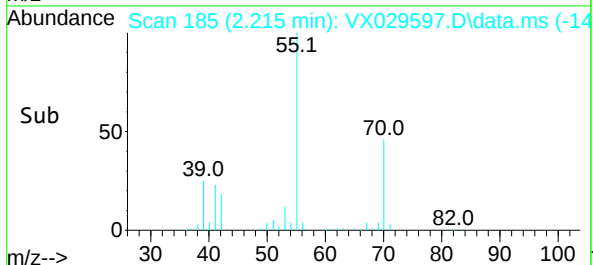
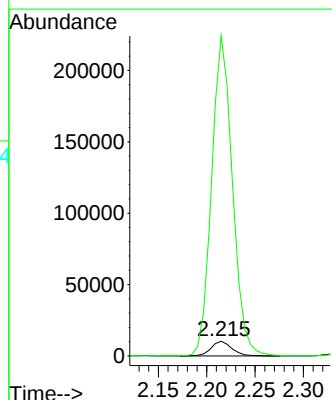
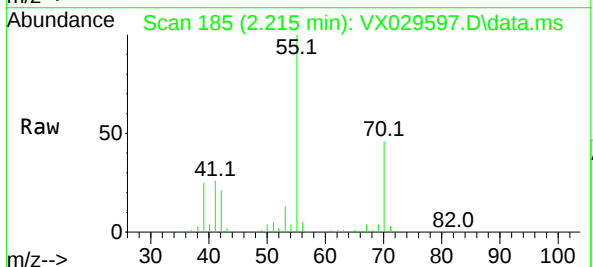
Instrument :
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ClientSampleId :
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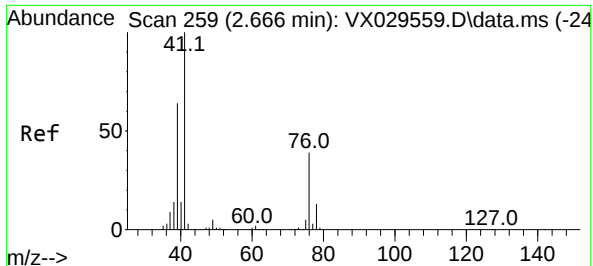
Tgt Ion: 59 Resp: 441587
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#13
Acrolein
Concen: 75.146 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.024 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion: 56 Resp: 15268
Ion Ratio Lower Upper
56 100
55 2192.8 55.0 82.6#

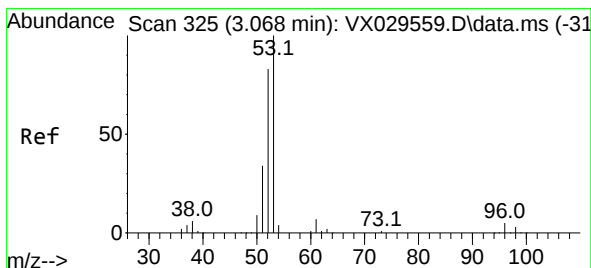
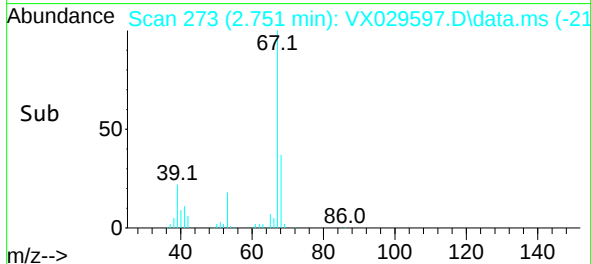
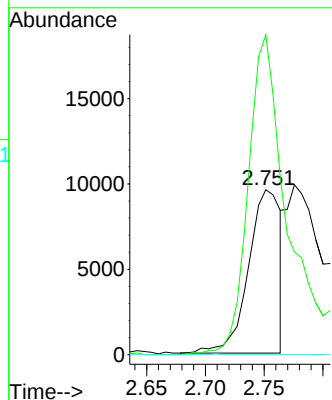
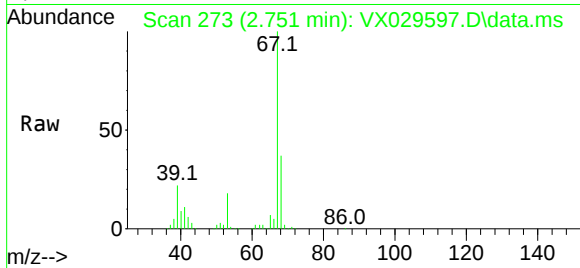




#14
 Allyl chloride
 Concen: 3.981 ug/l
 RT: 2.751 min Scan# 21
 Delta R.T. 0.085 min
 Lab File: VX029597.D
 Acq: 19 Jun 2022 02:40

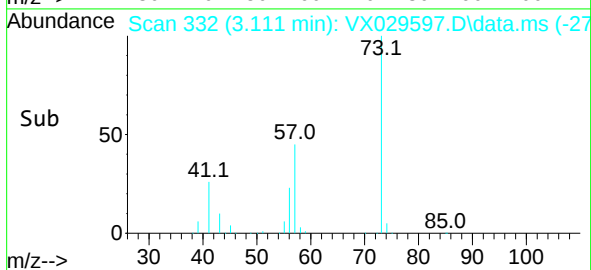
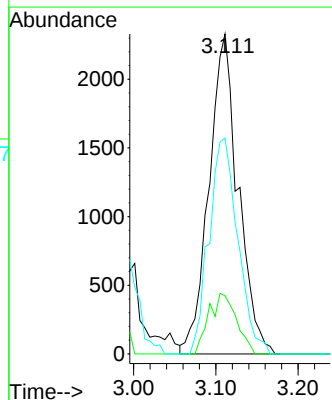
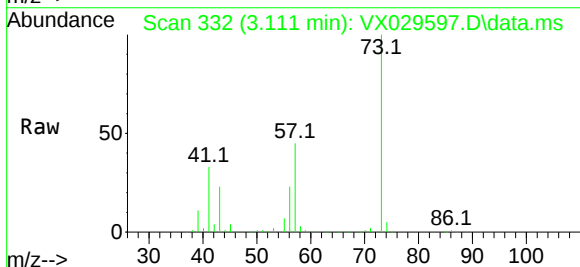
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 ClientSampleId :
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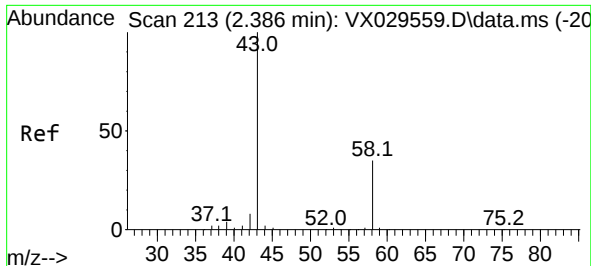
Tgt Ion: 41 Resp: 18142
 Ion Ratio Lower Upper
 41 100
 39 232.8 50.4 75.6#
 76 0.0 32.7 49.1#



#15
 Acrylonitrile
 Concen: 3.328 ug/l
 RT: 3.111 min Scan# 332
 Delta R.T. 0.043 min
 Lab File: VX029597.D
 Acq: 19 Jun 2022 02:40

Tgt Ion: 53 Resp: 5742
 Ion Ratio Lower Upper
 53 100
 52 17.9 65.7 98.5#
 51 66.6 28.4 42.6#

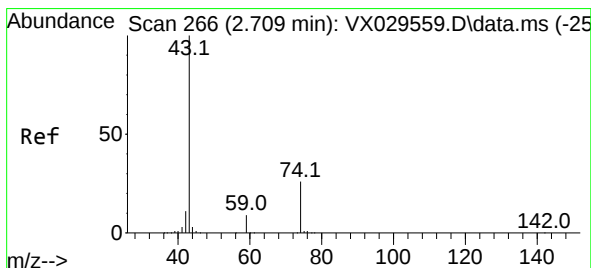
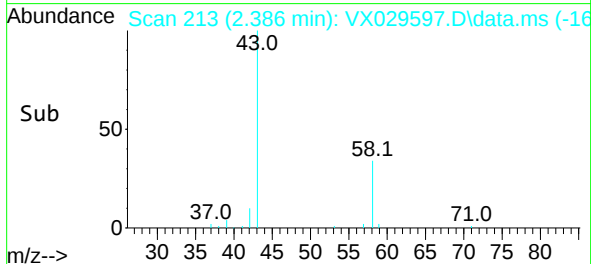
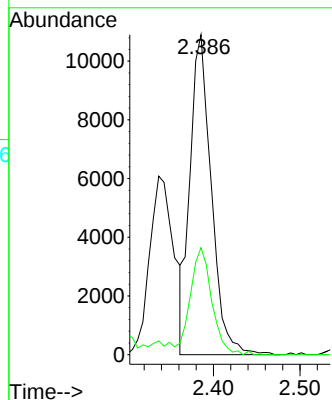
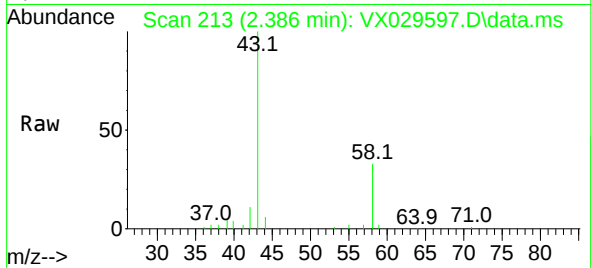




#16
Acetone
Concen: 12.651 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

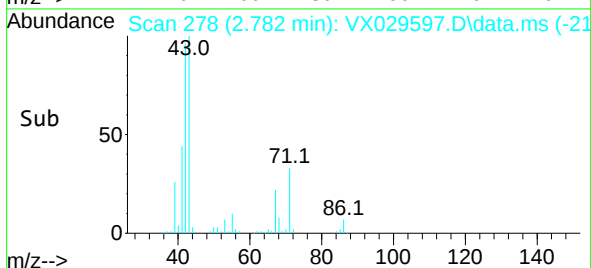
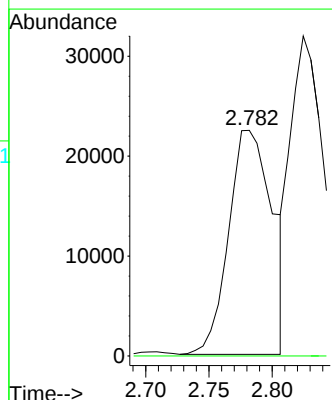
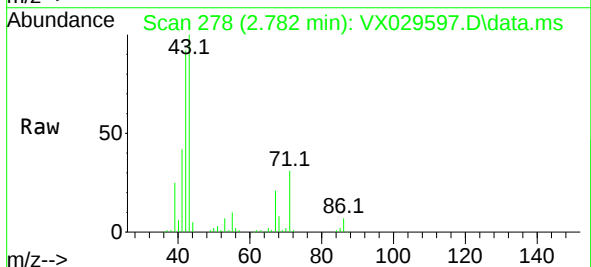
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ClientSampleId :
MW-32

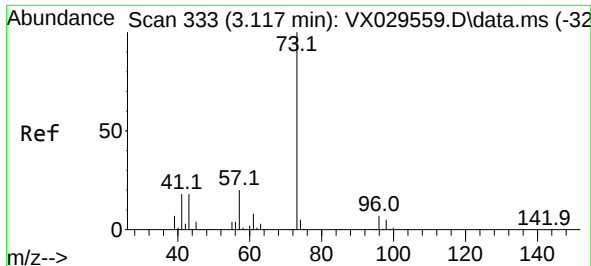
Tgt Ion: 43 Resp: 18599
Ion Ratio Lower Upper
43 100
58 33.4 28.8 43.2



#18
Methyl Acetate
Concen: 13.830 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.073 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion: 43 Resp: 53757
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

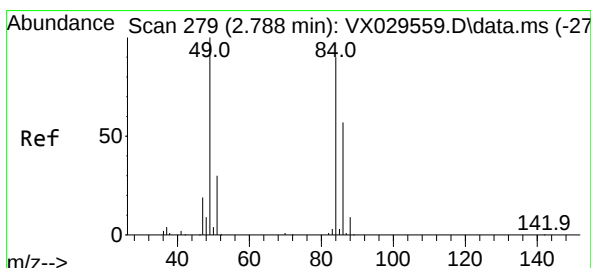
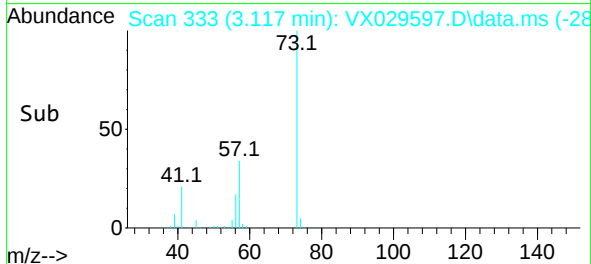
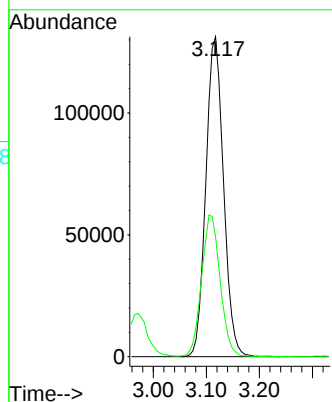
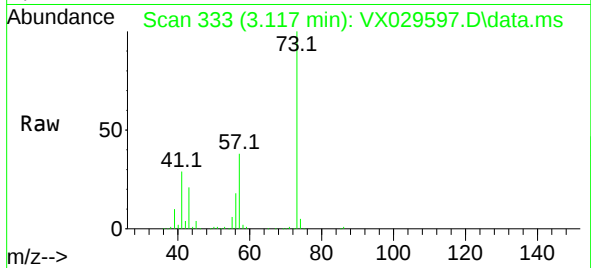




#19
Methyl tert-butyl Ether
Concen: 30.998 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

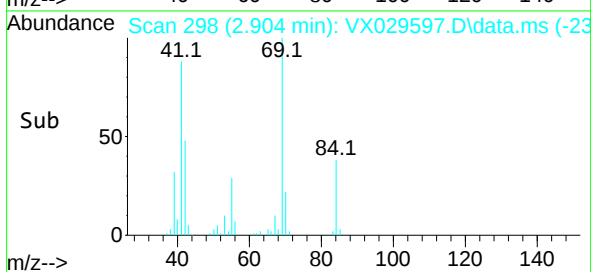
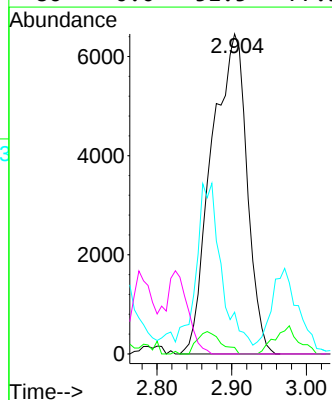
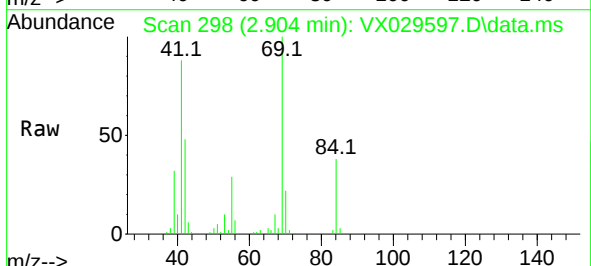
Instrument :
MSVOA_X
ClientSampleId :
MW-32

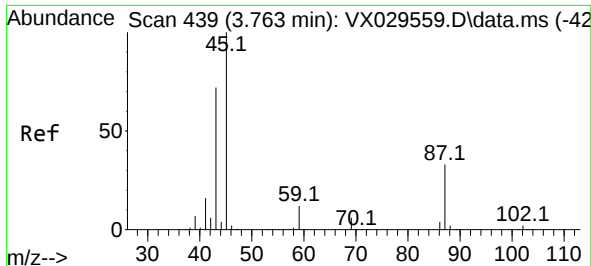
Tgt Ion: 73 Resp: 303785
Ion Ratio Lower Upper
73 100
57 37.5 16.8 25.2#



#20
Methylene Chloride
Concen: 6.477 ug/l
RT: 2.904 min Scan# 298
Delta R.T. 0.116 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion: 84 Resp: 21207
Ion Ratio Lower Upper
84 100
49 2.0 85.5 128.3#
51 4.7 26.6 39.8#
86 0.0 51.5 77.3#

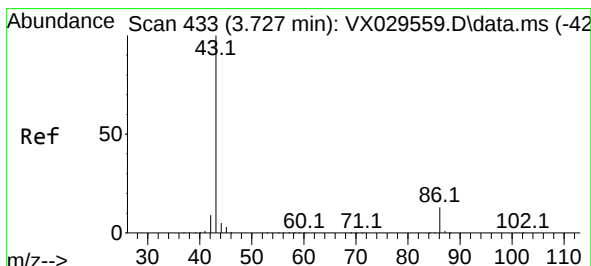
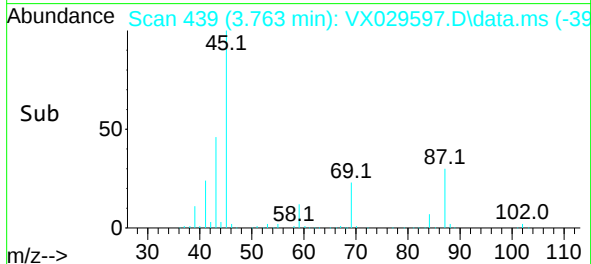
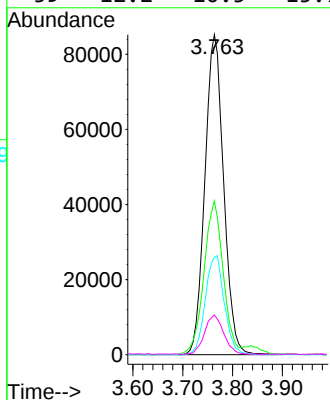
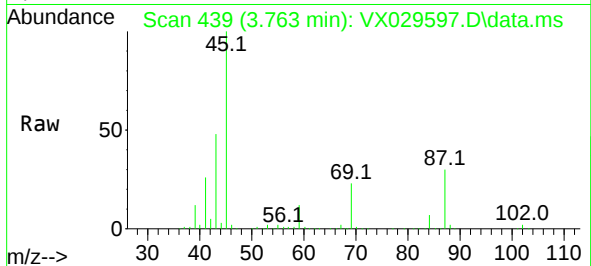




#22
Diisopropyl ether
Concen: 24.727 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

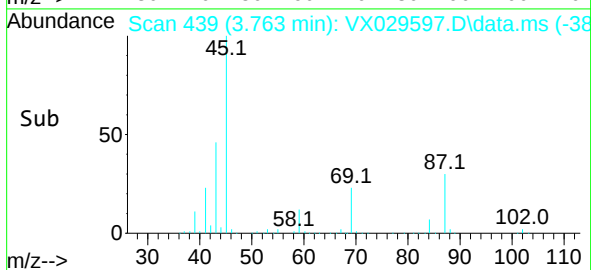
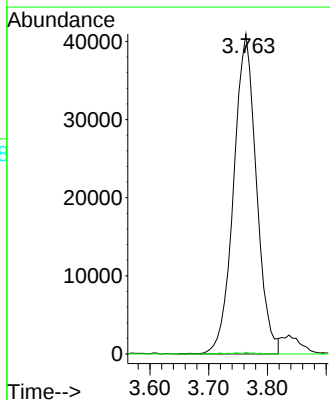
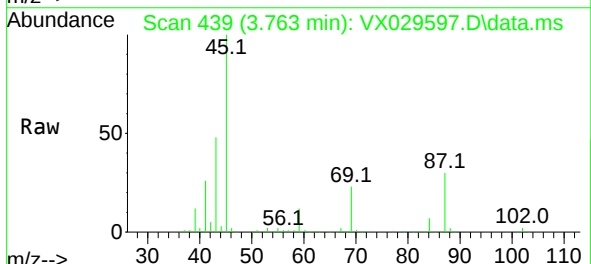
Instrument :
MSVOA_X
ClientSampleId :
MW-32

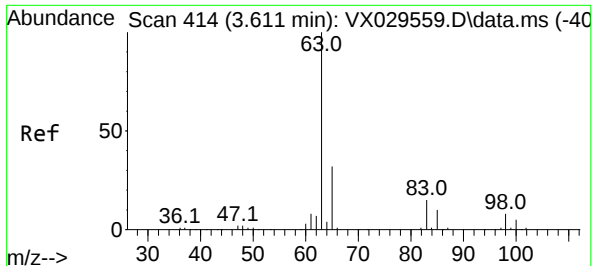
Tgt Ion: 45 Resp: 222940
Ion Ratio Lower Upper
45 100
43 47.9 50.8 76.2#
87 30.4 26.6 39.8
59 12.2 10.5 15.7



#23
Vinyl Acetate
Concen: 14.689 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.036 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion: 43 Resp: 110561
Ion Ratio Lower Upper
43 100
86 0.6 10.8 16.2#





#24

1,1-Dichloroethane

Concen: 0.432 ug/l

RT: 3.733 min Scan# 414

Delta R.T. 0.122 min

Lab File: VX029597.D

Acq: 19 Jun 2022 02:40

Instrument :

MSVOA_X

ClientSampleId :

MW-32

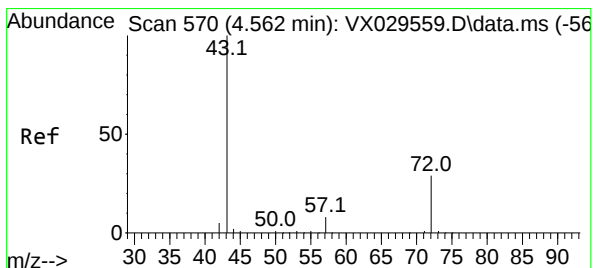
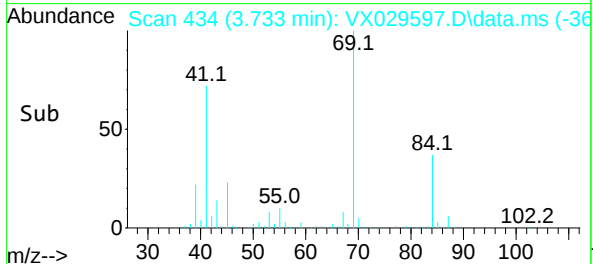
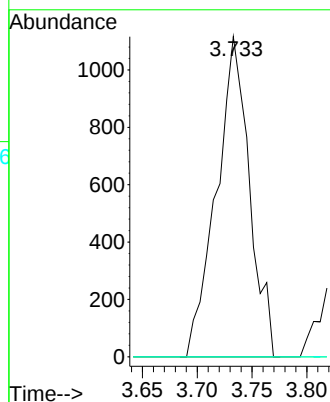
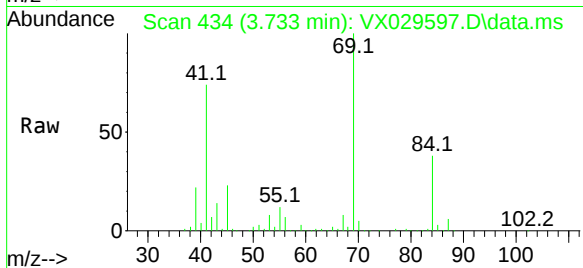
Tgt Ion: 63 Resp: 2341

Ion Ratio Lower Upper

63 100

98 0.0 3.9 11.7#

100 0.0 2.4 7.2#



#25

2-Butanone

Concen: 4.661 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX029597.D

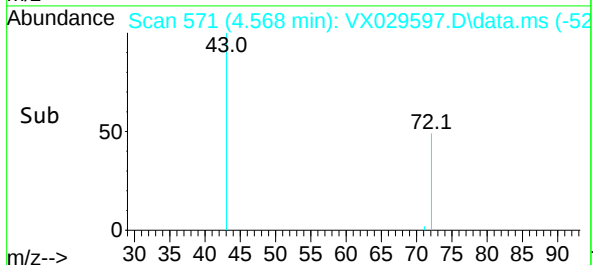
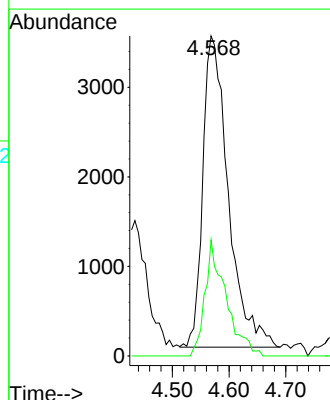
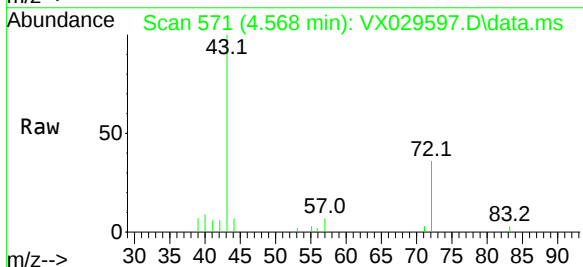
Acq: 19 Jun 2022 02:40

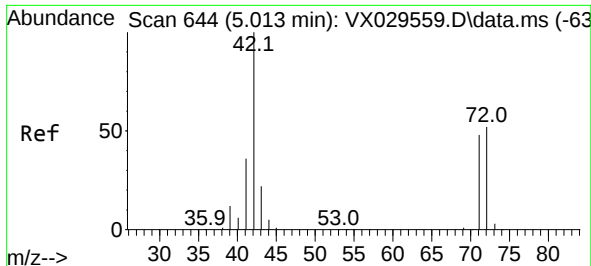
Tgt Ion: 43 Resp: 10831

Ion Ratio Lower Upper

43 100

72 37.3 24.4 36.6#





#29

Tetrahydrofuran

Concen: 0.515 ug/l

RT: 5.032 min Scan# 644

Delta R.T. 0.019 min

Lab File: VX029597.D

Acq: 19 Jun 2022 02:40

Instrument :

MSVOA_X

ClientSampleId :

MW-32

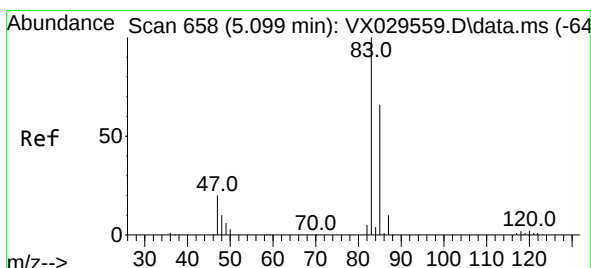
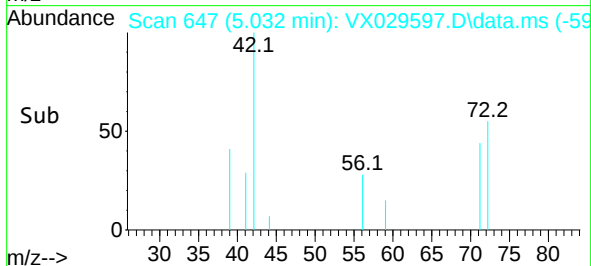
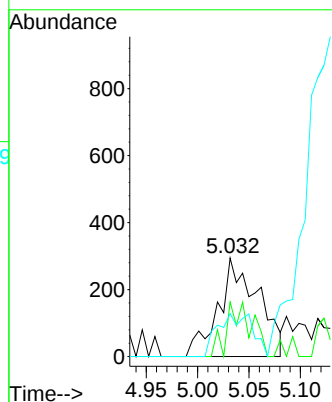
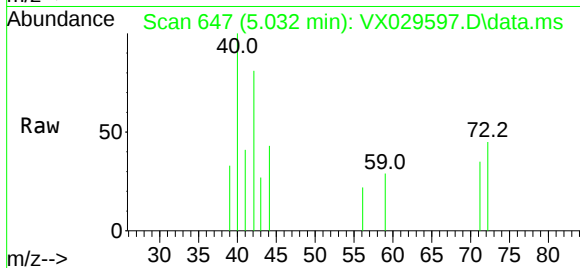
Tgt Ion: 42 Resp: 797

Ion Ratio Lower Upper

42 100

72 34.5 44.1 66.1#

71 37.9 40.5 60.7#



#30

Chloroform

Concen: 3.492 ug/l

RT: 5.178 min Scan# 671

Delta R.T. 0.079 min

Lab File: VX029597.D

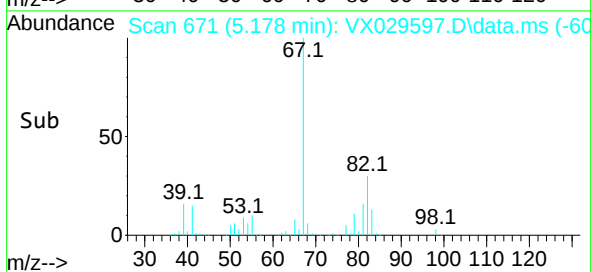
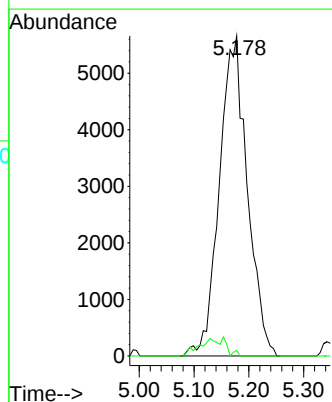
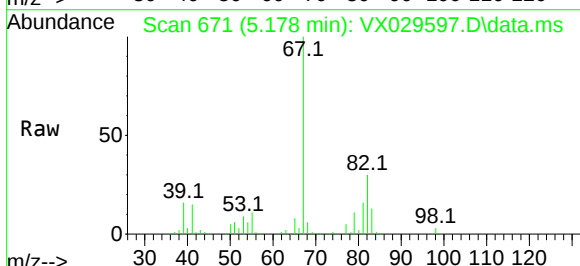
Acq: 19 Jun 2022 02:40

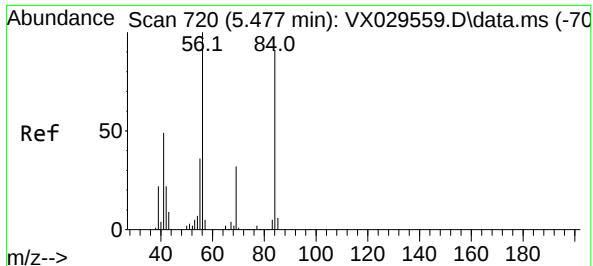
Tgt Ion: 83 Resp: 20037

Ion Ratio Lower Upper

83 100

85 1.8 52.7 79.1#

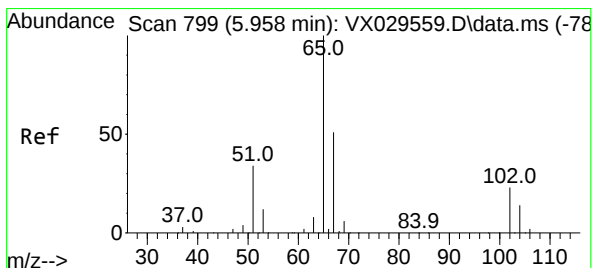
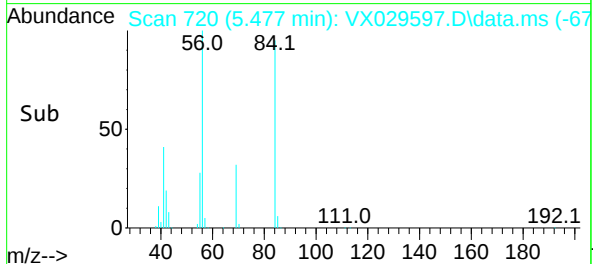
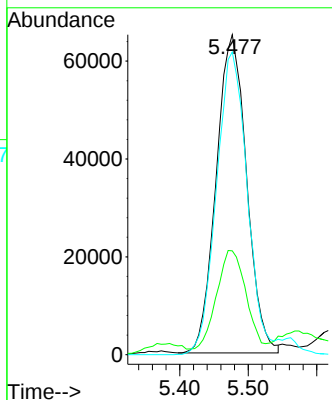
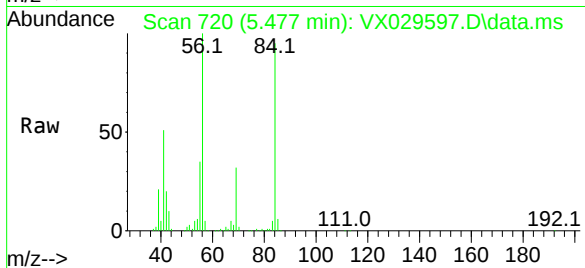




#31
Cyclohexane
Concen: 40.500 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

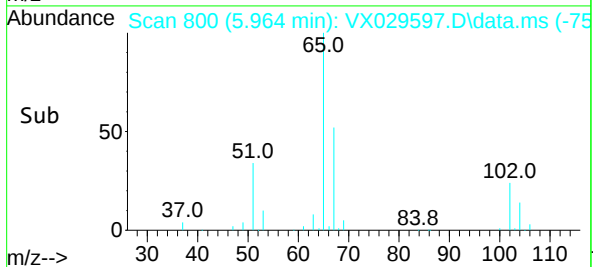
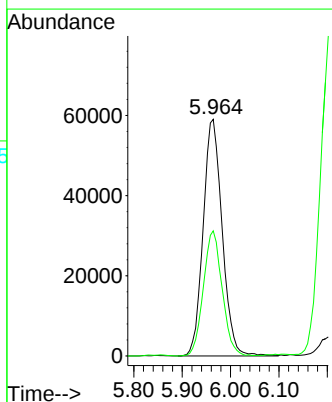
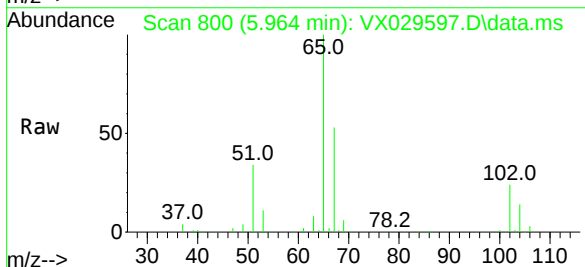
Instrument :
MSVOA_X
ClientSampleId :
MW-32

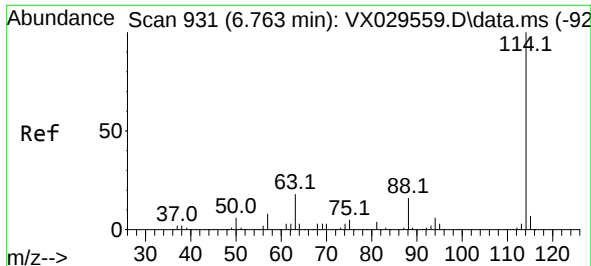
Tgt Ion: 56 Resp: 200543
Ion Ratio Lower Upper
56 100
69 29.9 26.7 40.1
84 95.0 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 43.899 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion: 65 Resp: 161916
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

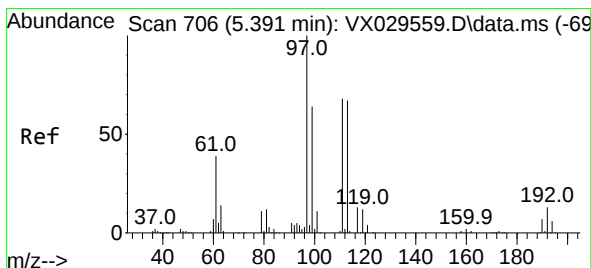
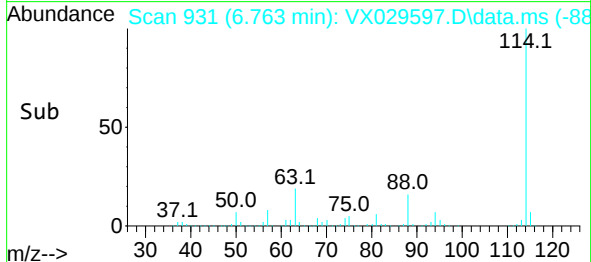
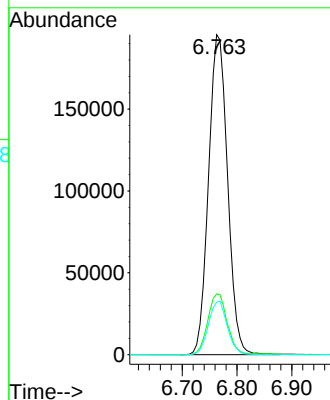
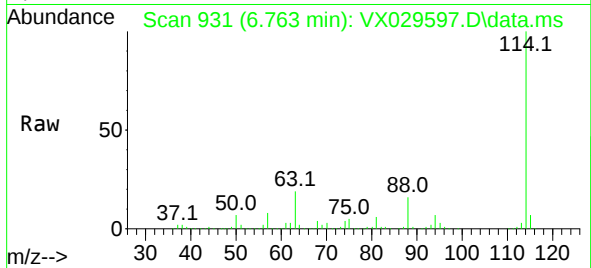




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

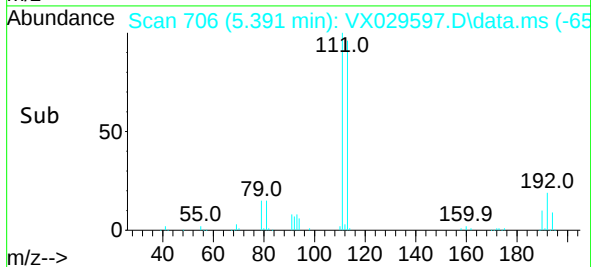
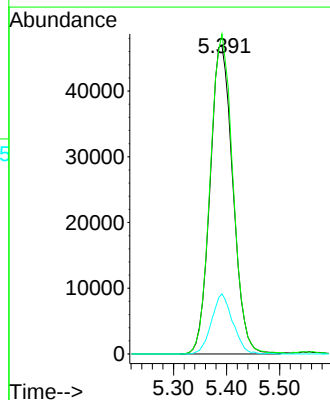
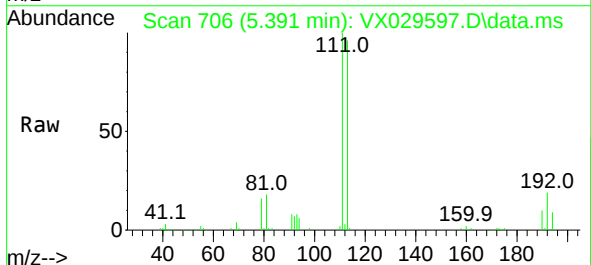
Instrument :
MSVOA_X
ClientSampleId :
MW-32

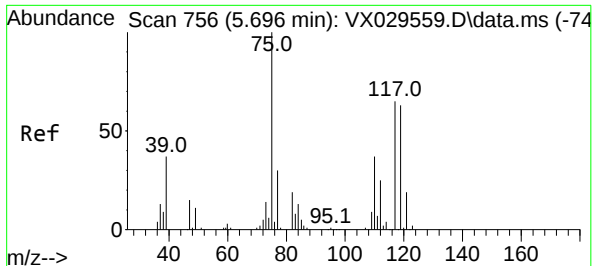
Tgt Ion:114 Resp: 470191
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.783 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion:113 Resp: 140286
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.1 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.185 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX029597.D

Acq: 19 Jun 2022 02:40

Instrument :

MSVOA_X

ClientSampleId :

MW-32

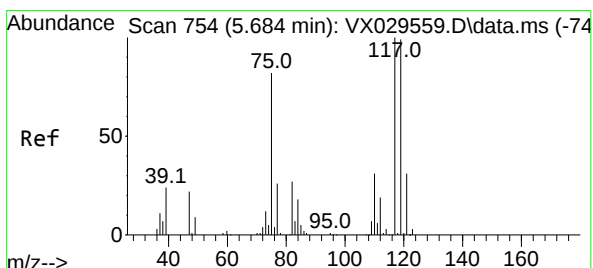
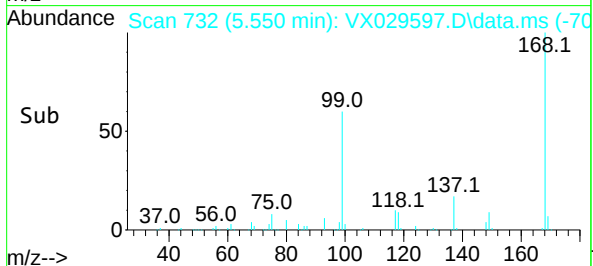
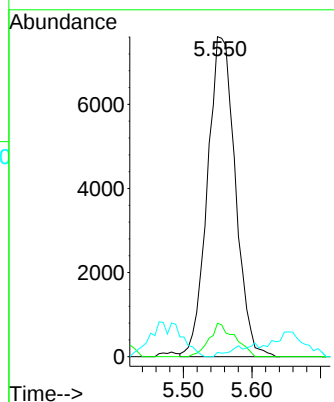
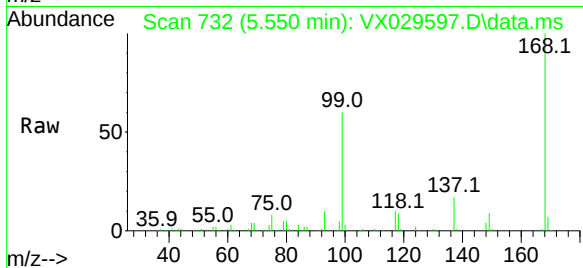
Tgt Ion: 75 Resp: 21503

Ion Ratio Lower Upper

75 100

110 9.6 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.039 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX029597.D

Acq: 19 Jun 2022 02:40

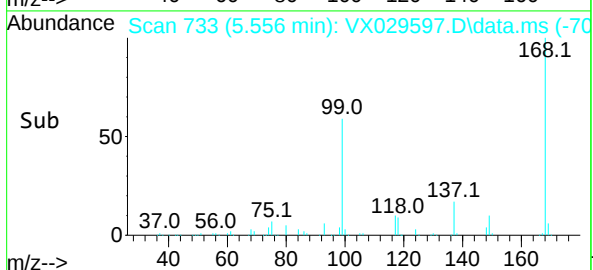
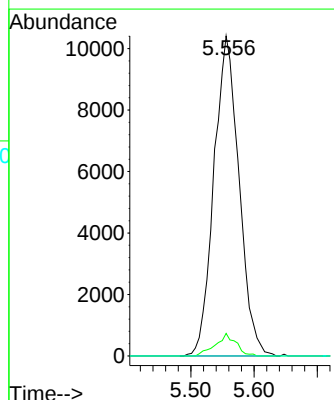
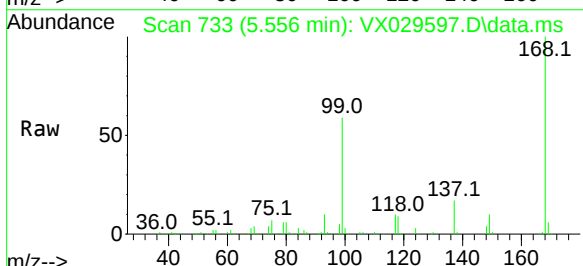
Tgt Ion: 117 Resp: 28706

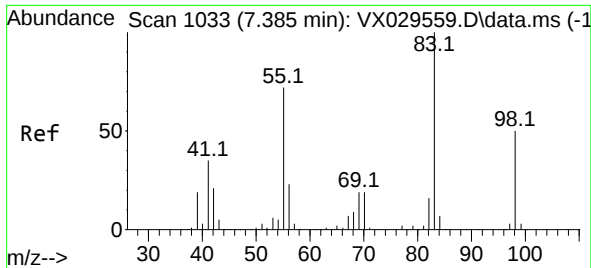
Ion Ratio Lower Upper

117 100

119 7.1 77.3 115.9#

121 0.0 24.2 36.2#

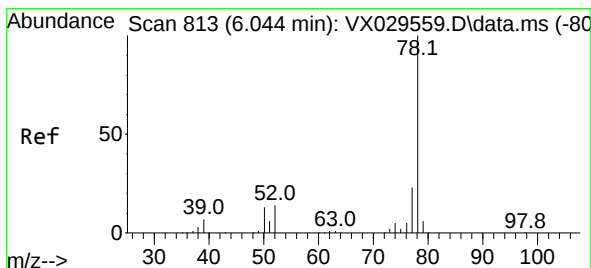
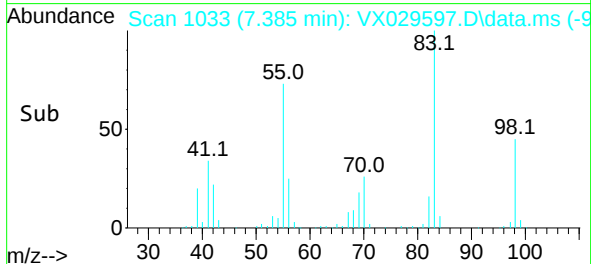
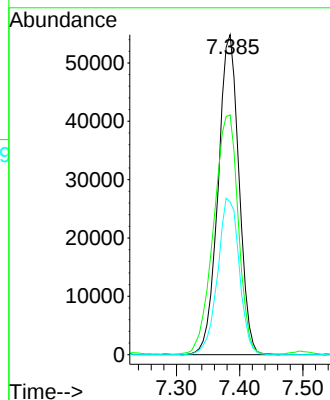
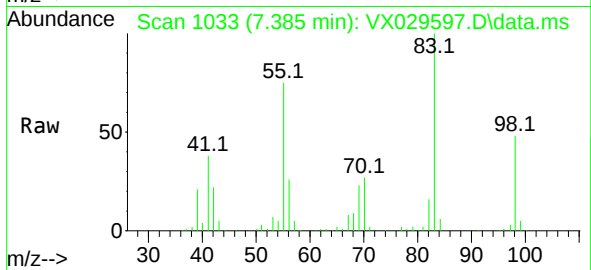




#39
Methylcyclohexane
Concen: 24.212 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

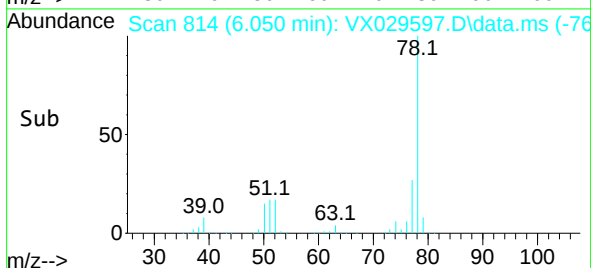
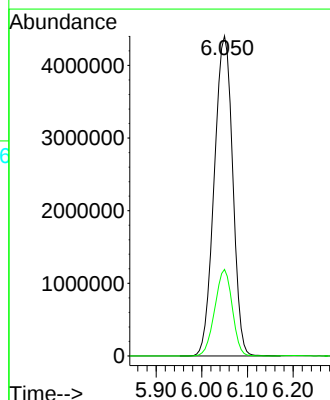
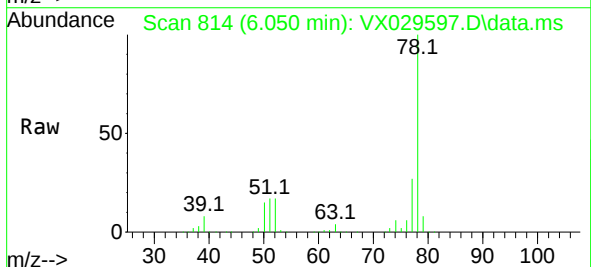
Instrument :
MSVOA_X
ClientSampleId :
MW-32

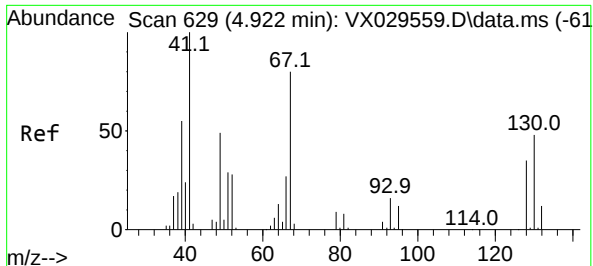
Tgt Ion: 83 Resp: 125190
Ion Ratio Lower Upper
83 100
55 74.7 54.6 81.8
98 47.7 37.4 56.2



#40
Benzene
Concen: 1005.469 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion: 78 Resp:12360414
Ion Ratio Lower Upper
78 100
77 27.0 19.3 28.9

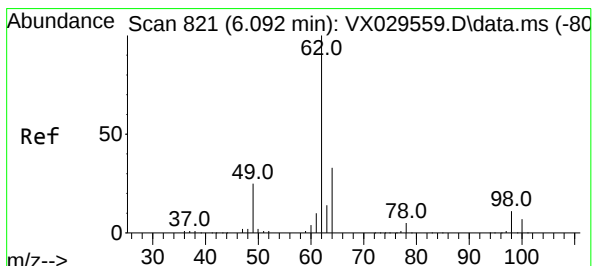
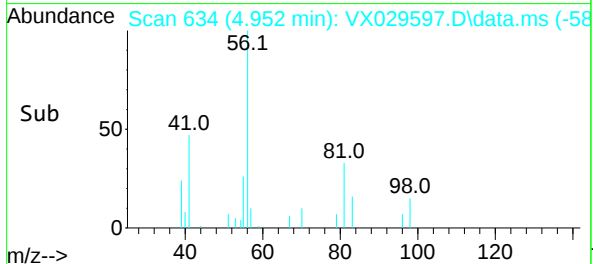
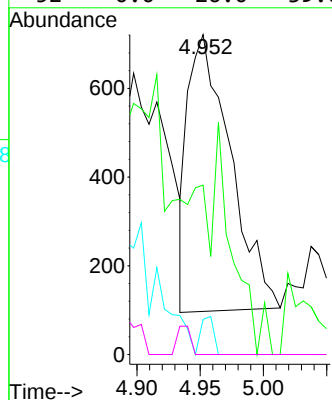
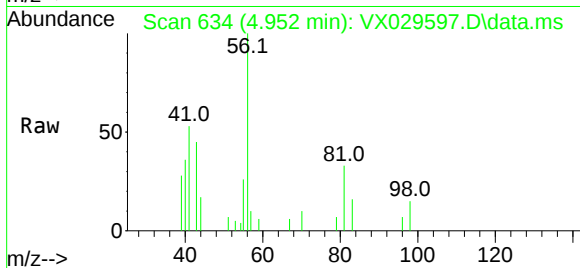




#41
Methacrylonitrile
Concen: 0.651 ug/l
RT: 4.952 min Scan# 61
Delta R.T. 0.030 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

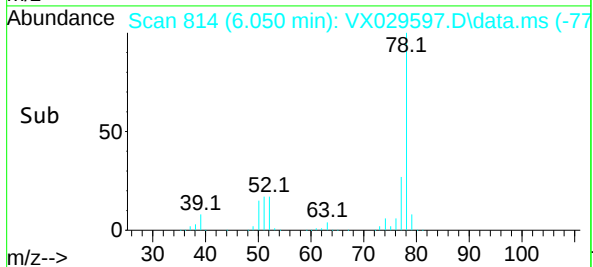
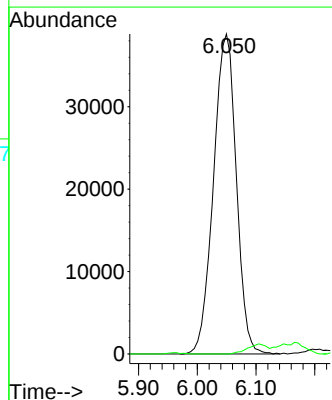
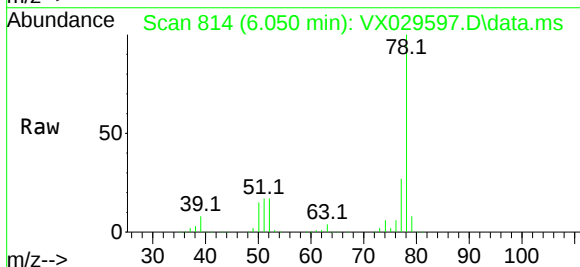
Instrument :
MSVOA_X
ClientSampleId :
MW-32

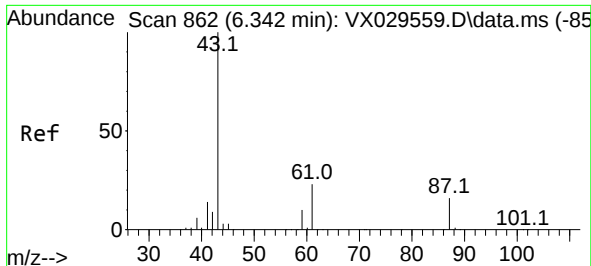
Tgt Ion: 41	Resp: 1459
Ion Ratio	Lower Upper
41 100	
39 0.0	43.0 64.4#
67 0.0	70.2 105.4#
52 0.0	26.0 39.0#



#42
1,2-Dichloroethane
Concen: 24.787 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.042 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion: 62	Resp: 104746
Ion Ratio	Lower Upper
62 100	
98 0.0	0.0 20.4





#43

Isopropyl Acetate

Concen: 2.423 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX029597.D

Acq: 19 Jun 2022 02:40

Instrument :

MSVOA_X

ClientSampleId :

MW-32

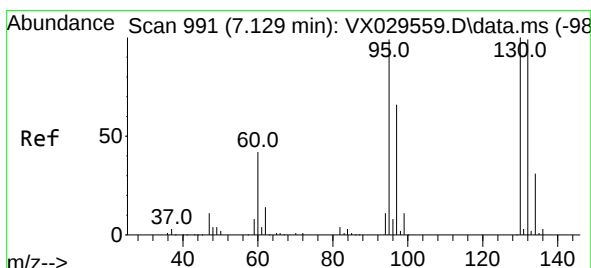
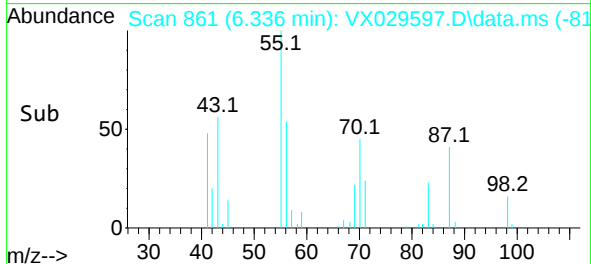
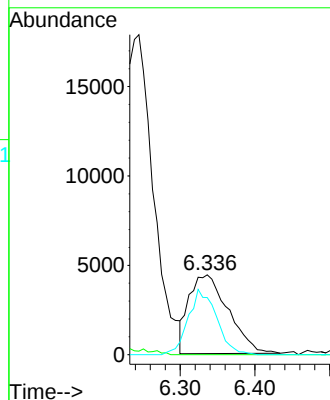
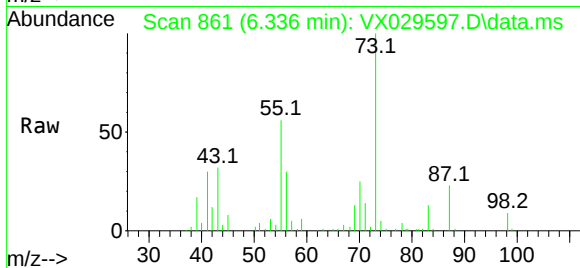
Tgt Ion: 43 Resp: 16020

Ion Ratio Lower Upper

43 100

61 0.0 18.5 27.7#

87 60.0 13.0 19.6#



#44

Trichloroethene

Concen: Below Cal

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029597.D

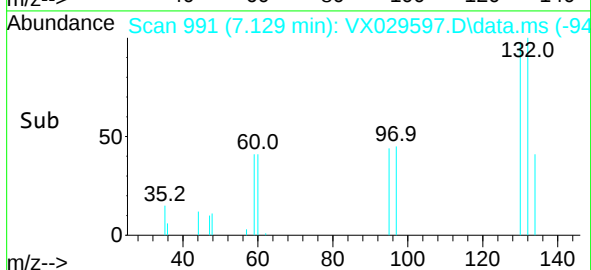
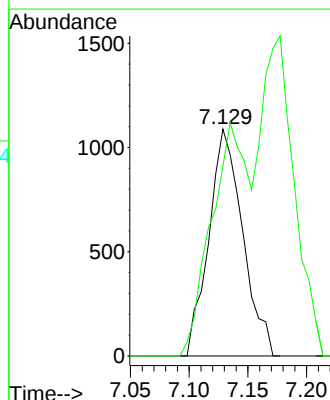
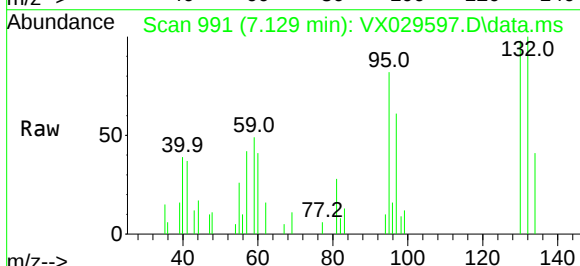
Acq: 19 Jun 2022 02:40

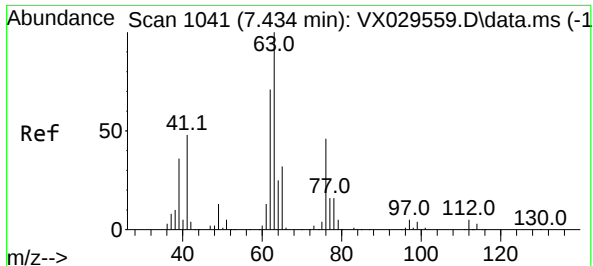
Tgt Ion:130 Resp: 2177

Ion Ratio Lower Upper

130 100

95 83.7 0.0 188.8





#45

1,2-Dichloropropane

Concen: 0.528 ug/l

RT: 7.379 min Scan# 1096

Delta R.T. -0.055 min

Lab File: VX029597.D

Acq: 19 Jun 2022 02:40

Instrument :

MSVOA_X

ClientSampleId :

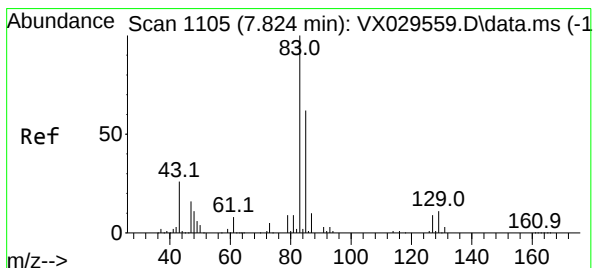
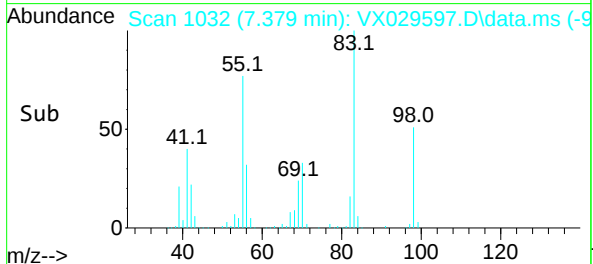
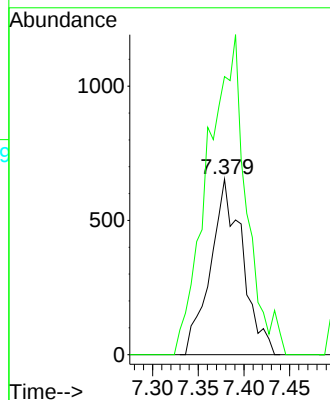
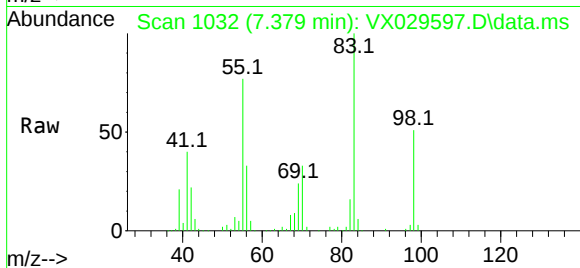
MW-32

Tgt Ion: 63 Resp: 1593

Ion Ratio Lower Upper

63 100

65 146.3 25.8 38.6#



#47

Bromodichloromethane

Concen: 0.229 ug/l

RT: 7.769 min Scan# 1096

Delta R.T. -0.055 min

Lab File: VX029597.D

Acq: 19 Jun 2022 02:40

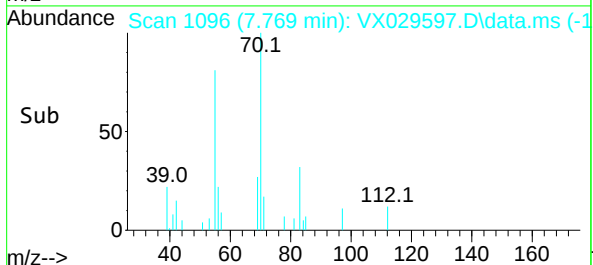
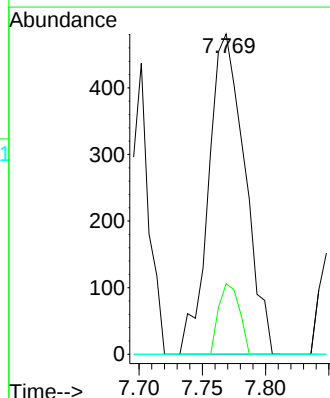
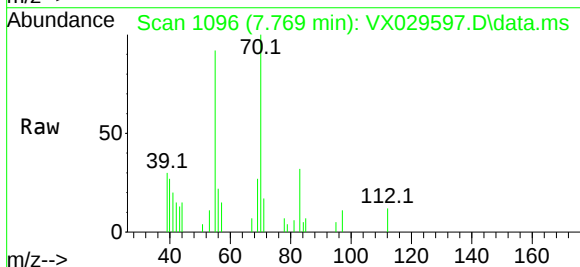
Tgt Ion: 83 Resp: 957

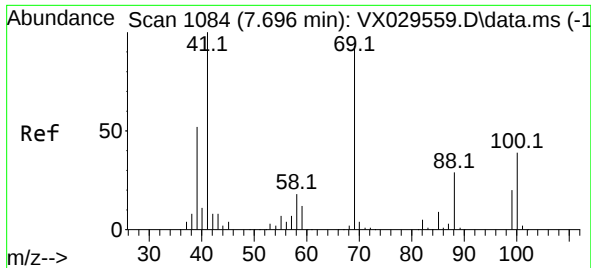
Ion Ratio Lower Upper

83 100

85 22.0 52.2 78.2#

127 0.0 6.8 10.2#

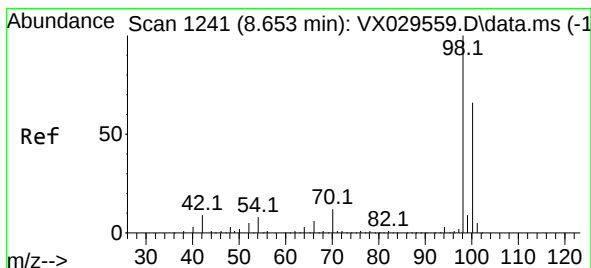
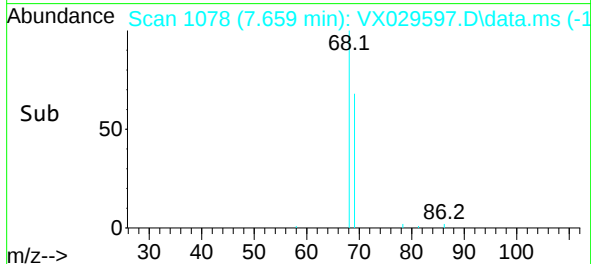
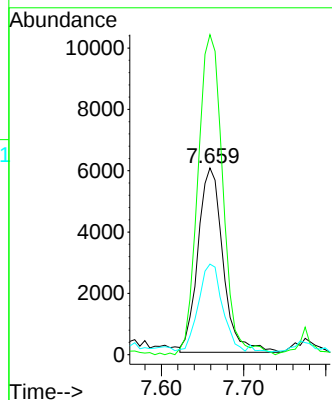
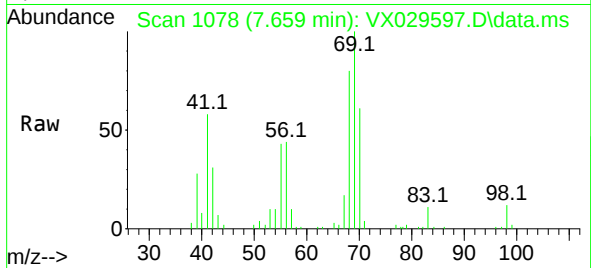




#48
Methyl methacrylate
Concen: 3.933 ug/l
RT: 7.659 min Scan# 1084
Delta R.T. -0.037 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

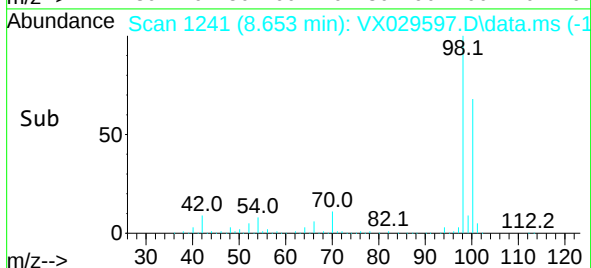
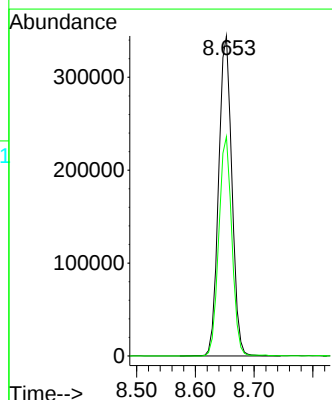
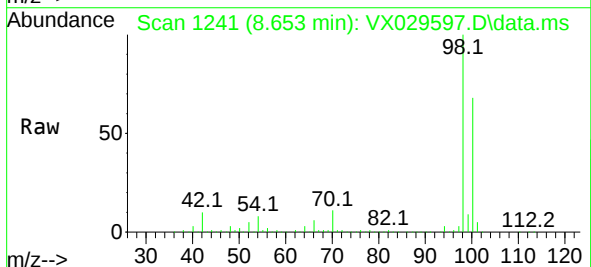
Instrument :
MSVOA_X
ClientSampleId :
MW-32

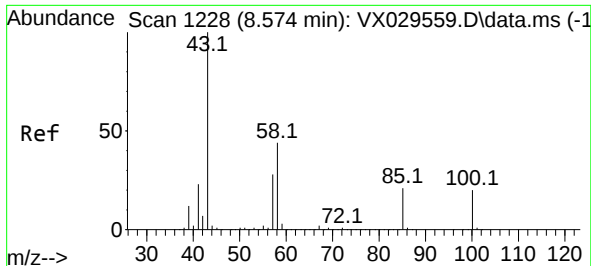
Tgt Ion: 41 Resp: 12748
Ion Ratio Lower Upper
41 100
69 172.5 82.5 123.7#
39 45.1 43.8 65.8



#50
Toluene-d8
Concen: 48.043 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion: 98 Resp: 537795
Ion Ratio Lower Upper
98 100
100 67.3 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.812 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX029597.D

Acq: 19 Jun 2022 02:40

Instrument :

MSVOA_X

ClientSampleId :

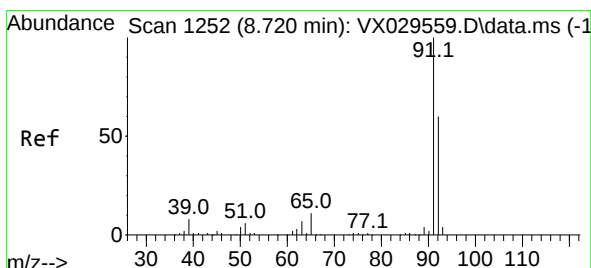
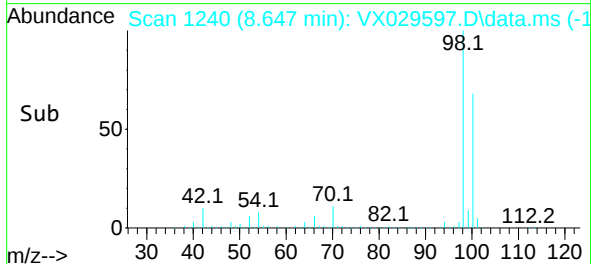
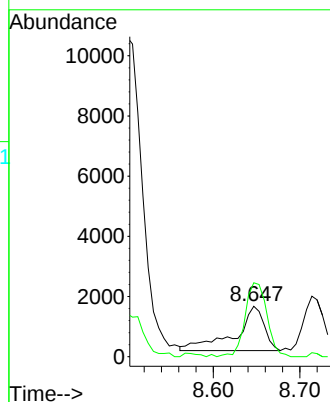
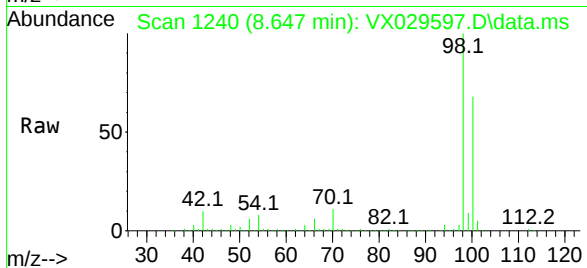
MW-32

Tgt Ion: 43 Resp: 3459

Ion Ratio Lower Upper

43 100

58 124.9 36.1 54.1#



#52

Toluene

Concen: 14.310 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX029597.D

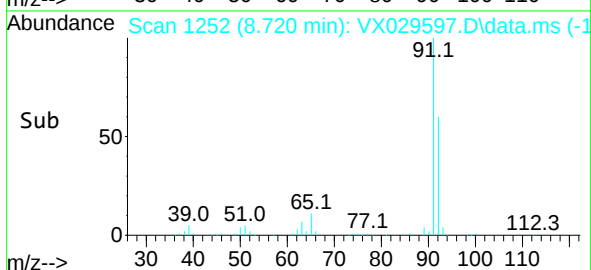
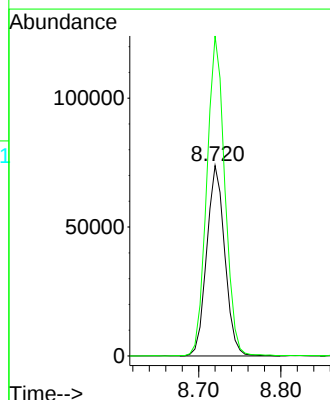
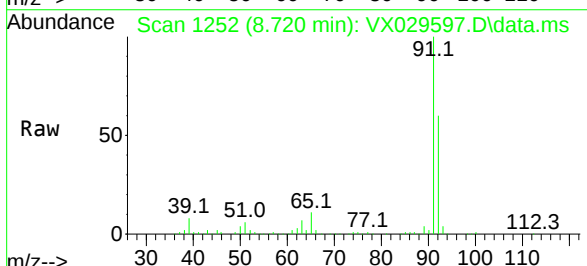
Acq: 19 Jun 2022 02:40

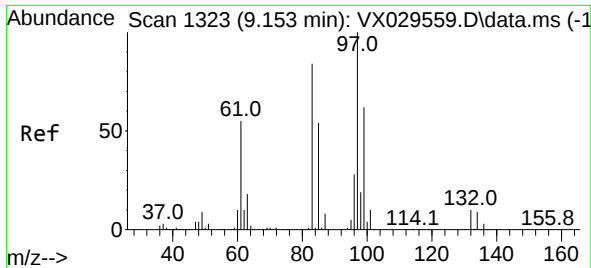
Tgt Ion: 92 Resp: 112650

Ion Ratio Lower Upper

92 100

91 168.1 137.5 206.3

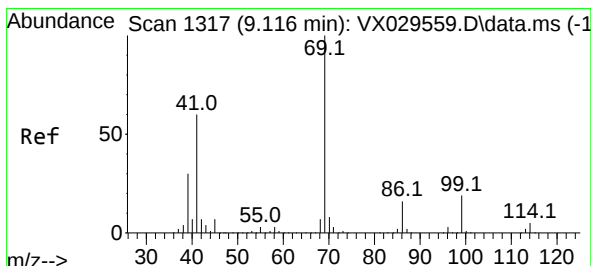
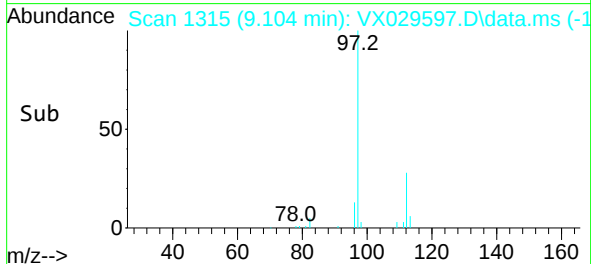
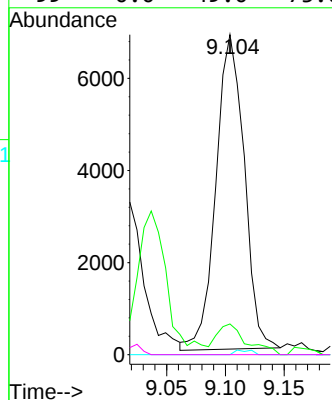
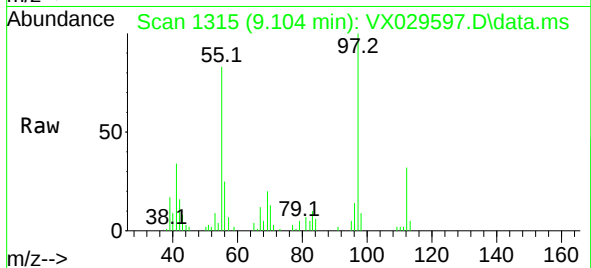




#55
1,1,2-Trichloroethane
Concen: 3.588 ug/l
RT: 9.104 min Scan# 11421
Delta R.T. -0.049 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

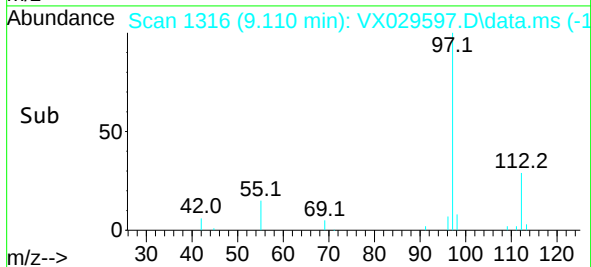
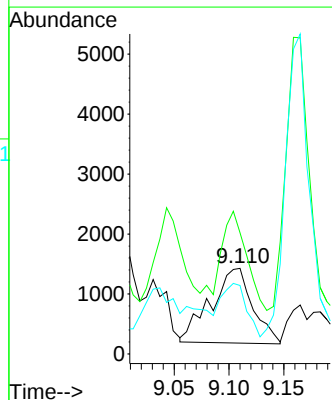
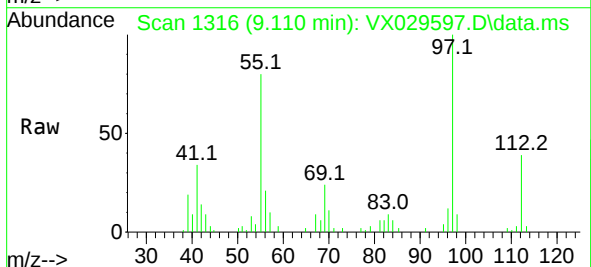
Instrument : MSVOA_X
ClientSampleId : MW-32

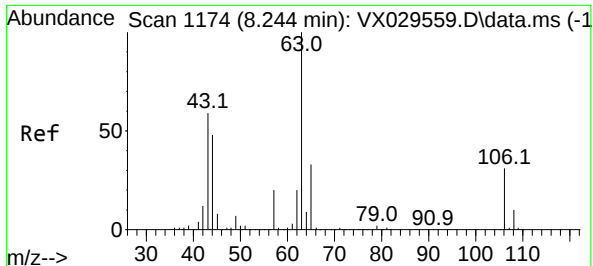
Tgt Ion: 97	Resp: 11421
Ion Ratio	Lower Upper
97 100	
83 9.8	66.2 99.4#
85 0.0	42.9 64.3#
99 0.0	49.0 73.6#



#56
Ethyl methacrylate
Concen: 0.687 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion: 69	Resp: 3302		
Ion Ratio	Lower	Upper	
69 100			
41 76.5	43.8	65.6#	
39 42.9	22.2	33.2#	





#58

2-Chloroethyl Vinyl ether

Concen: 0.244 ug/l

RT: 8.208 min Scan# 1174

Delta R.T. -0.036 min

Lab File: VX029597.D

Acq: 19 Jun 2022 02:40

Instrument :

MSVOA_X

ClientSampleId :

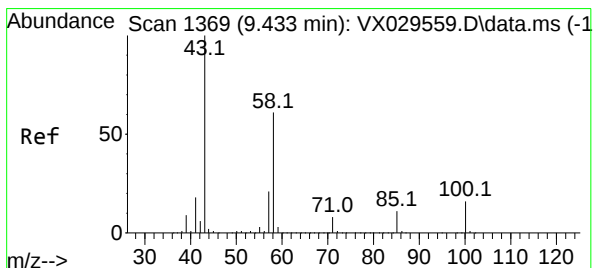
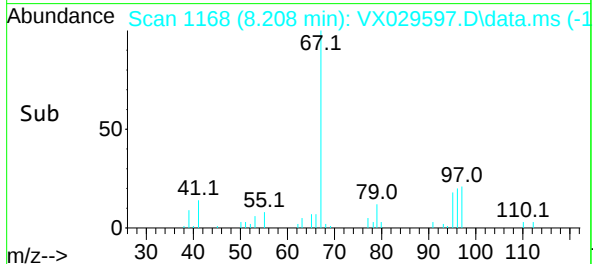
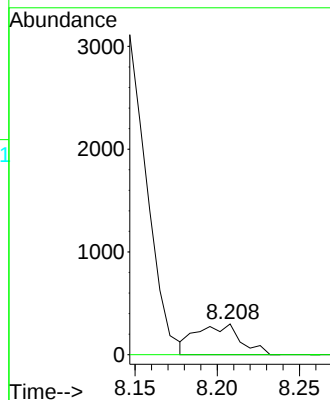
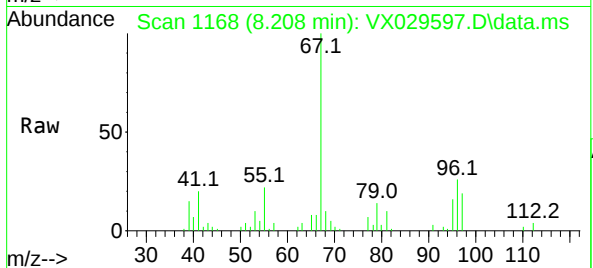
MW-32

Tgt Ion: 63 Resp: 552

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#



#59

2-Hexanone

Concen: 5.110 ug/l

RT: 9.458 min Scan# 1373

Delta R.T. 0.025 min

Lab File: VX029597.D

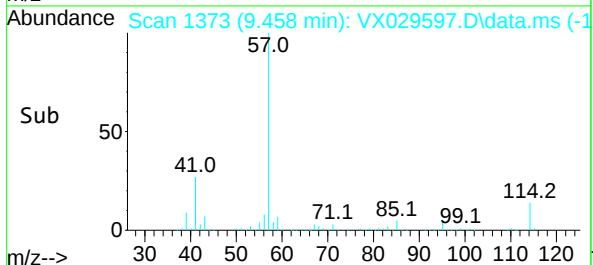
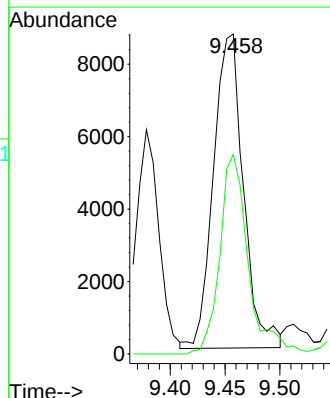
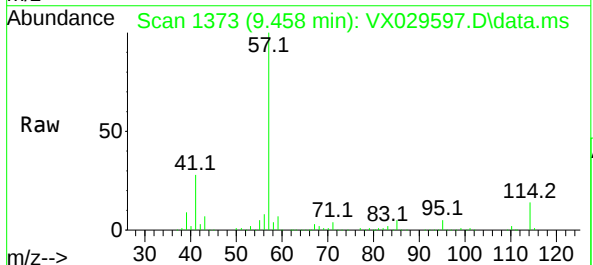
Acq: 19 Jun 2022 02:40

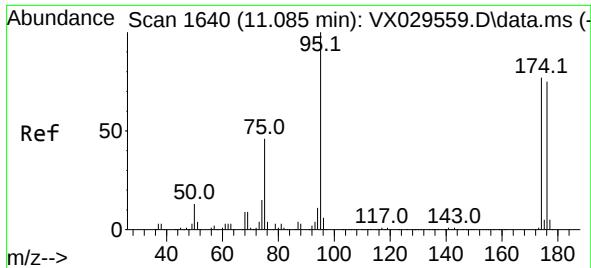
Tgt Ion: 43 Resp: 16486

Ion Ratio Lower Upper

43 100

58 60.1 31.9 95.7

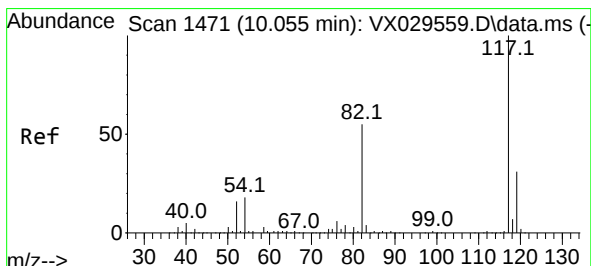
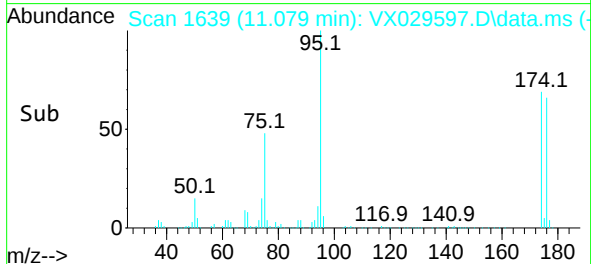
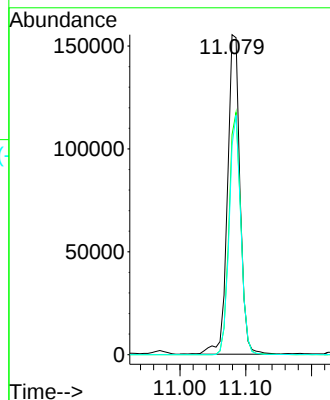
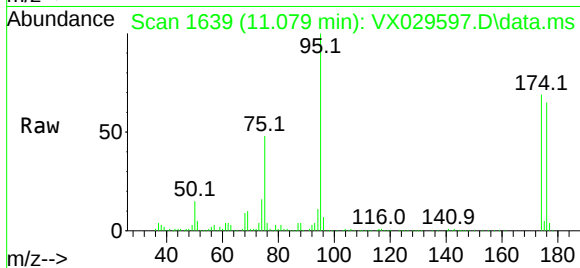




#62
4-Bromofluorobenzene
Concen: 48.724 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

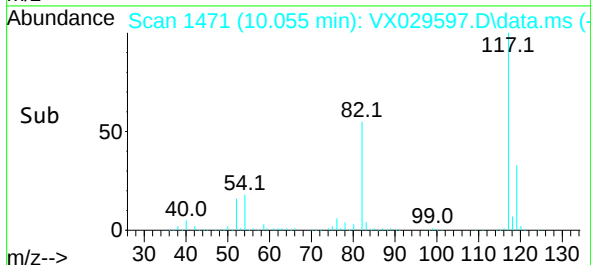
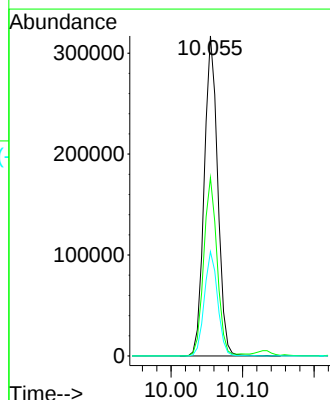
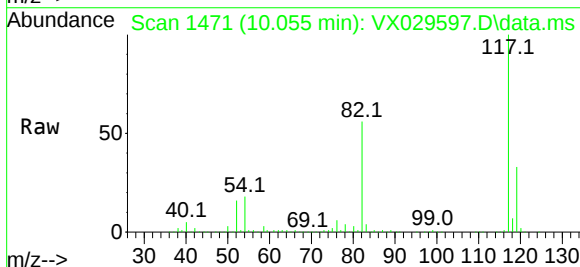
Instrument :
MSVOA_X
ClientSampleId :
MW-32

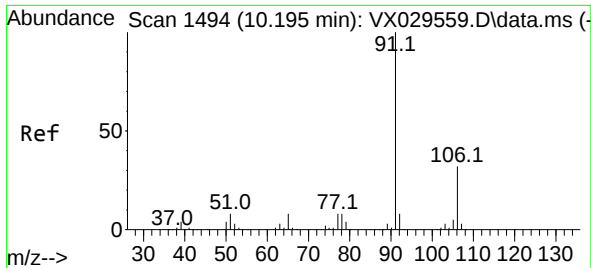
Tgt Ion: 95 Resp: 205685
Ion Ratio Lower Upper
95 100
174 71.9 0.0 163.0
176 69.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion: 117 Resp: 415379
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 32.6 24.8 37.2

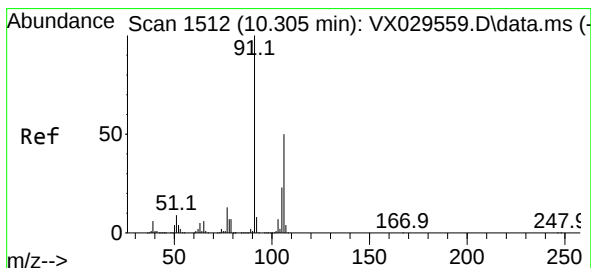
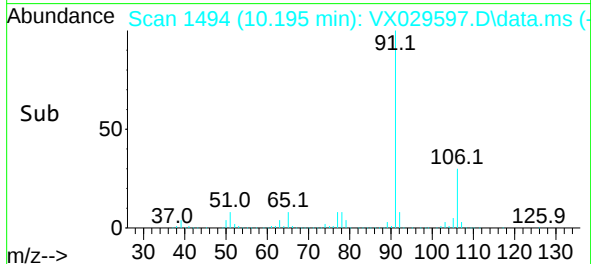
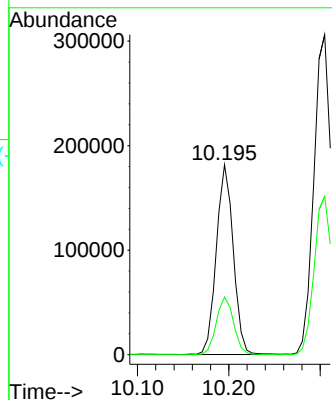
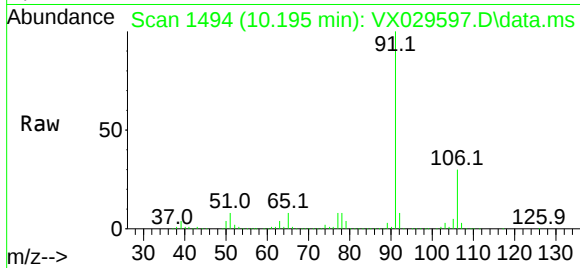




#67
Ethyl Benzene
Concen: 15.947 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

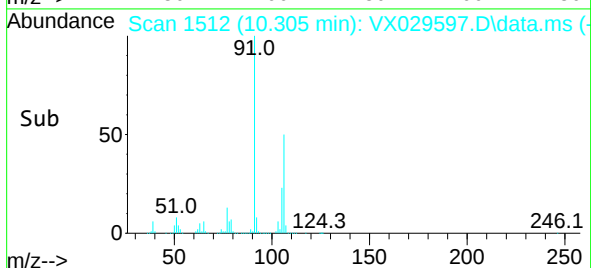
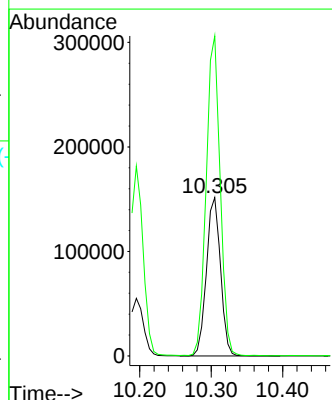
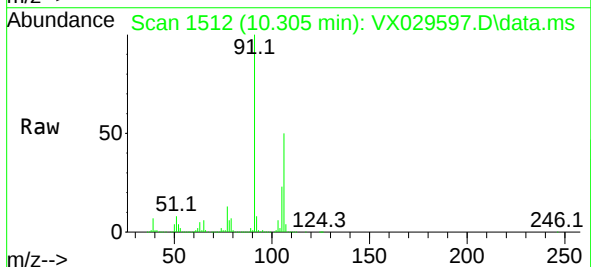
Instrument :
MSVOA_X
ClientSampleId :
MW-32

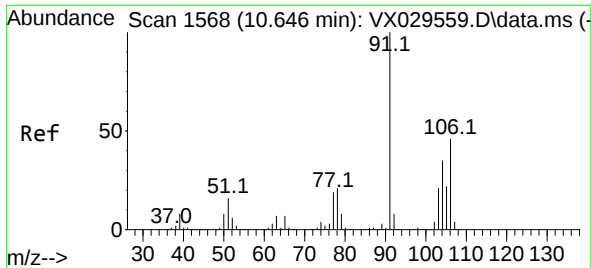
Tgt Ion: 91 Resp: 233821
Ion Ratio Lower Upper
91 100
106 30.3 24.6 36.8



#68
m/p-Xylenes
Concen: 36.272 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion: 106 Resp: 207401
Ion Ratio Lower Upper
106 100
91 199.6 160.4 240.6

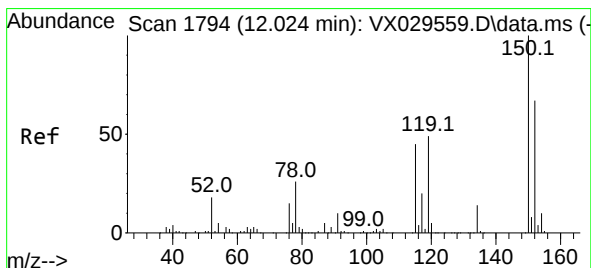
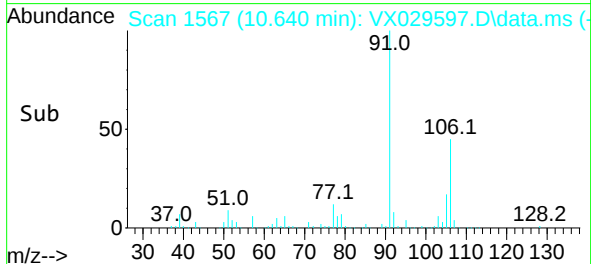
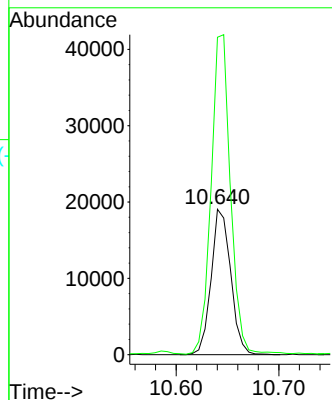
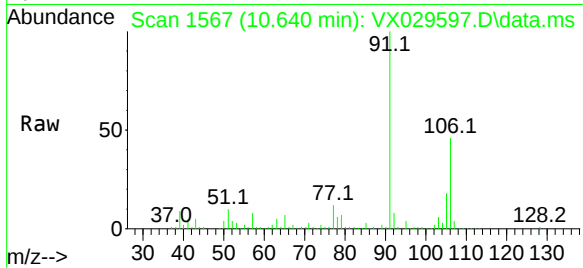




#69
o-Xylene
Concen: 4.463 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

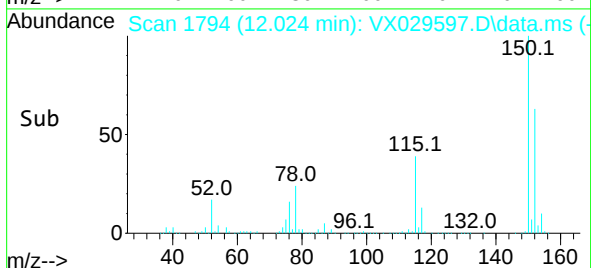
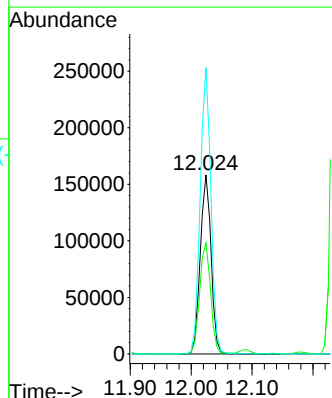
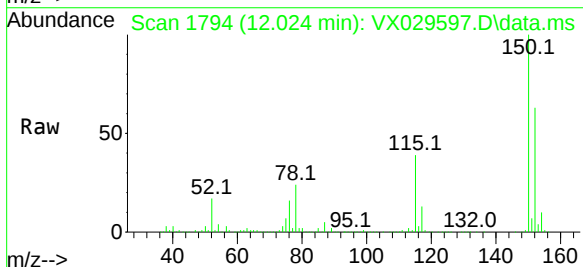
Instrument :
MSVOA_X
ClientSampleId :
MW-32

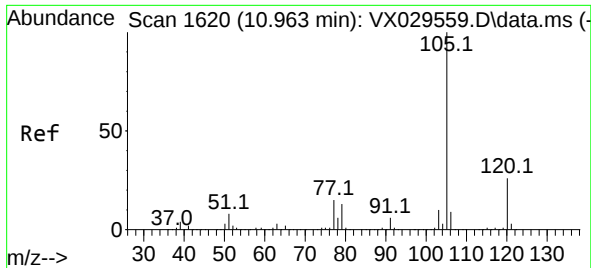
Tgt Ion:106 Resp: 25213
Ion Ratio Lower Upper
106 100
91 217.8 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion:152 Resp: 194982
Ion Ratio Lower Upper
152 100
115 63.2 37.5 112.7
150 158.0 0.0 338.2

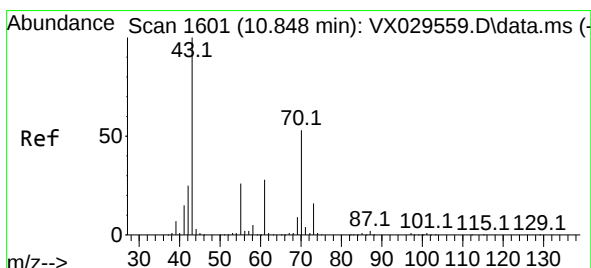
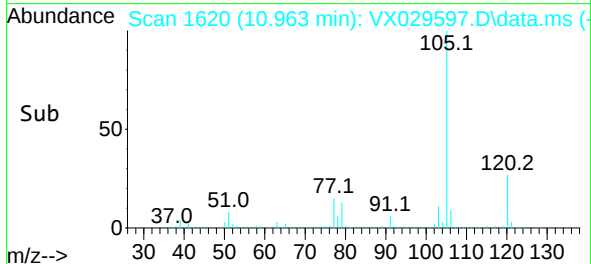
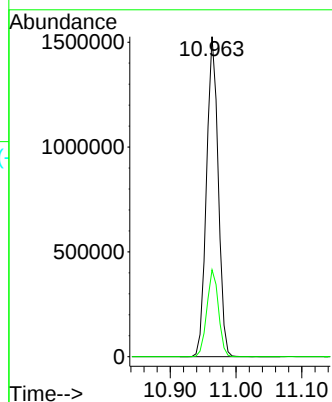
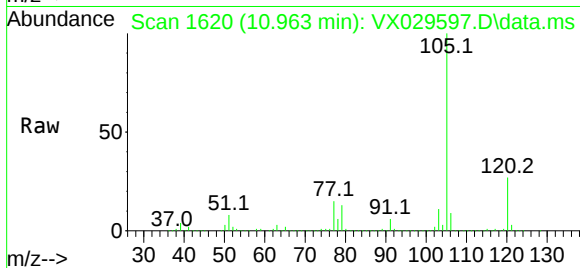




#73
Isopropylbenzene
Concen: 129.411 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

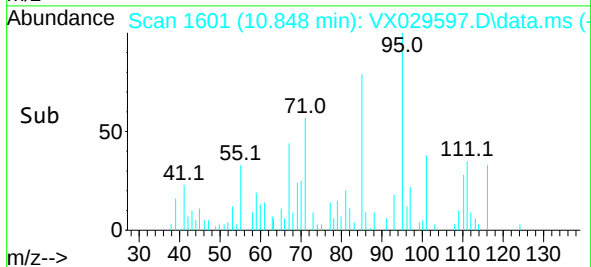
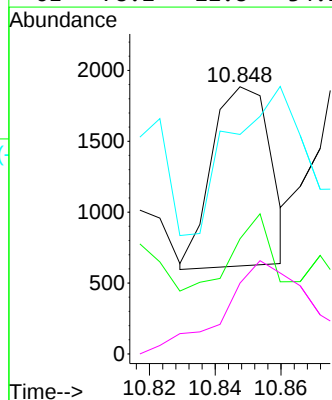
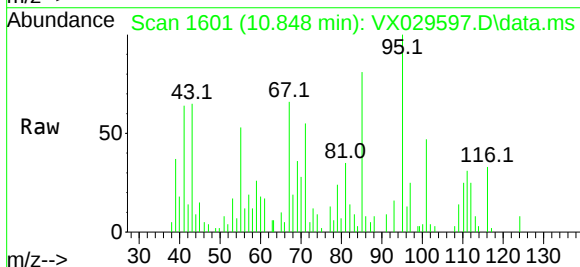
Instrument :
MSVOA_X
ClientSampleId :
MW-32

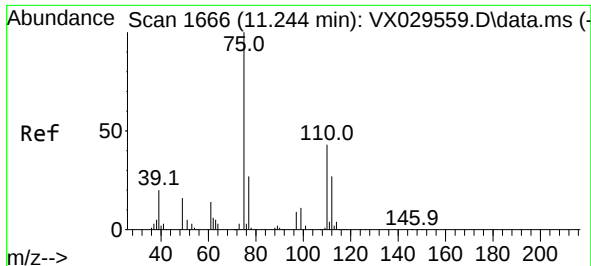
Tgt Ion:105 Resp: 1891919
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.5



#74
N-ethyl acetate
Concen: 0.309 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion: 43 Resp: 1570
Ion Ratio Lower Upper
43 100
70 90.6 42.5 63.7#
55 125.9 23.1 34.7#
61 78.2 22.8 34.2#

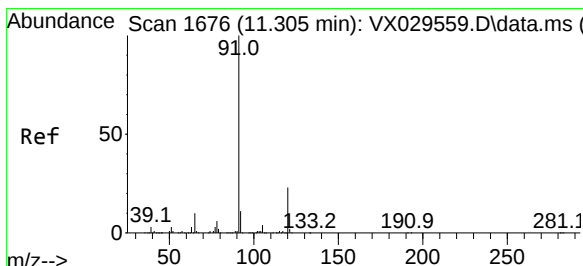
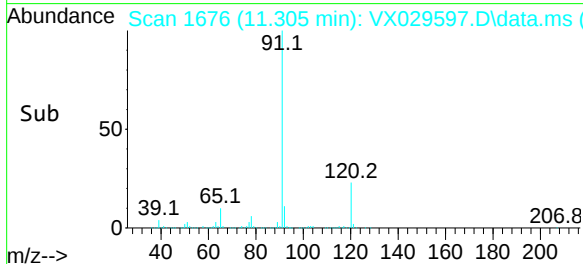
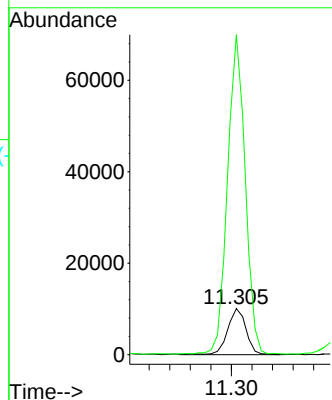
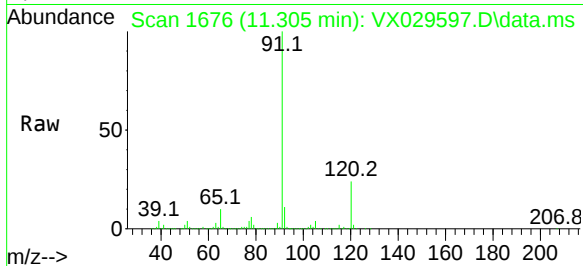




#76
1,2,3-Trichloropropane
Concen: 2.963 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.061 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

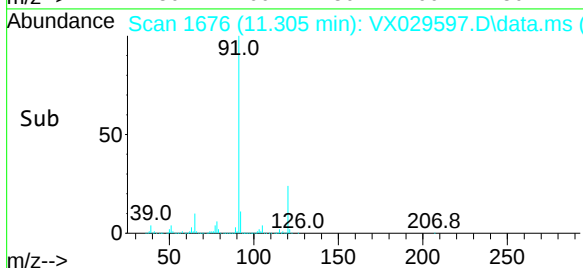
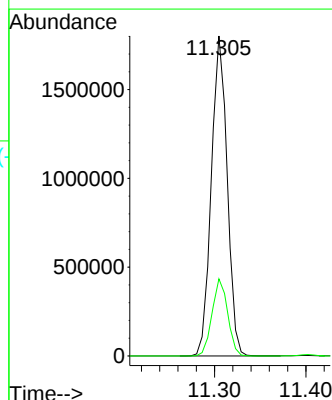
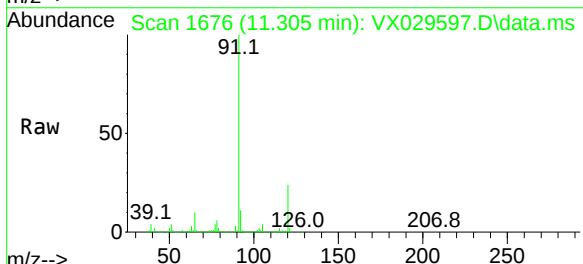
Instrument :
MSVOA_X
ClientSampleId :
MW-32

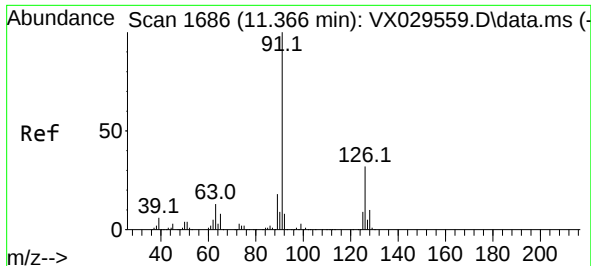
Tgt Ion: 75 Resp: 12587
Ion Ratio Lower Upper
75 100
77 662.7 19.4 58.2#



#78
n-propylbenzene
Concen: 131.242 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion: 91 Resp: 2160975
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.8

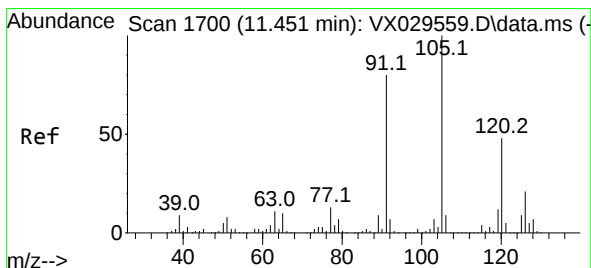
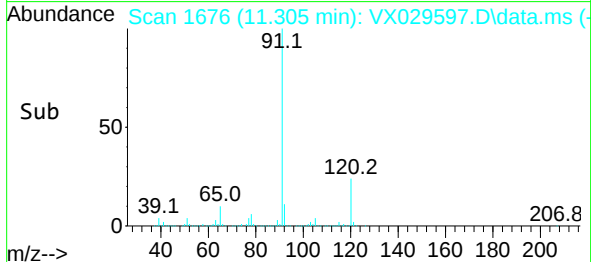
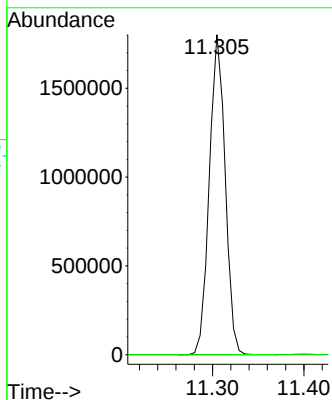
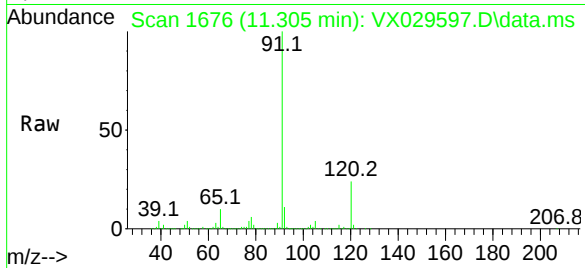




#79
2-Chlorotoluene
Concen: 211.955 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.061 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

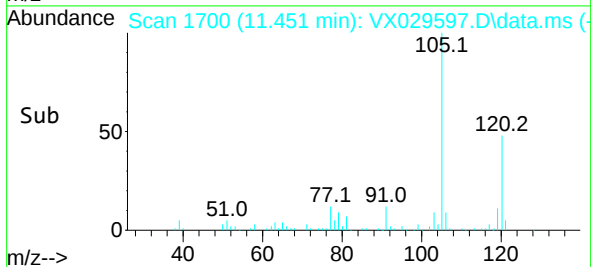
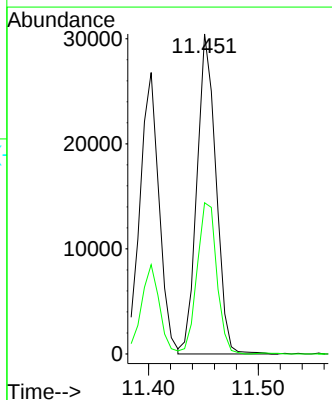
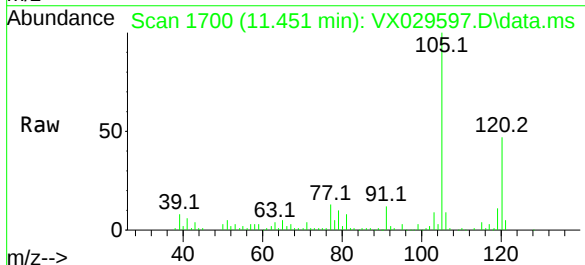
Instrument :
MSVOA_X
ClientSampleId :
MW-32

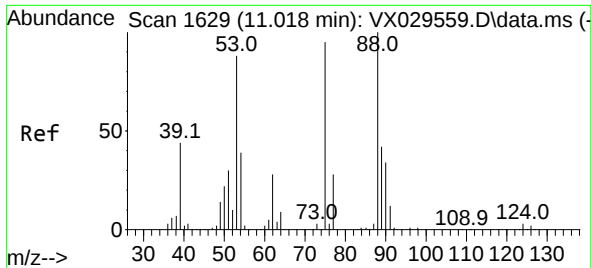
Tgt Ion: 91 Resp: 2160975
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 2.979 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion: 105 Resp: 36683
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.9

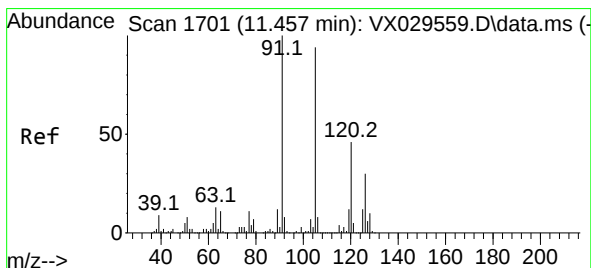
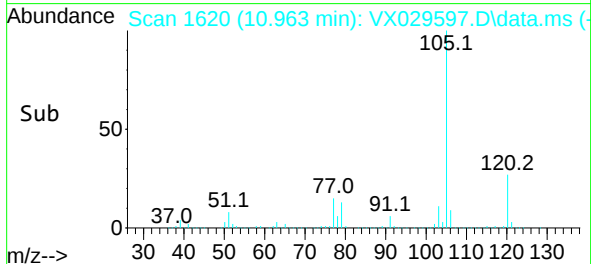
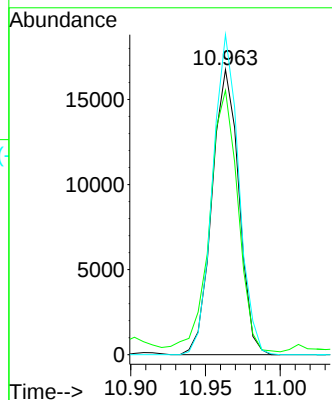
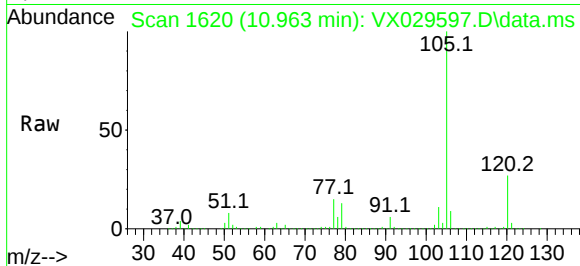




#81
trans-1,4-Dichloro-2-butene
Concen: 16.376 ug/l
RT: 10.963 min Scan# 1675
Delta R.T. -0.055 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

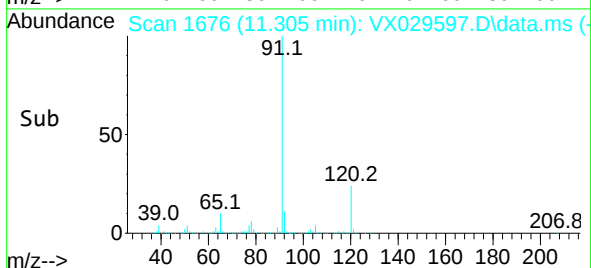
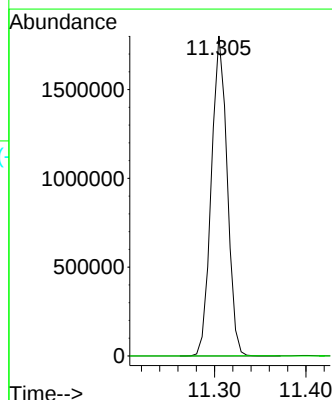
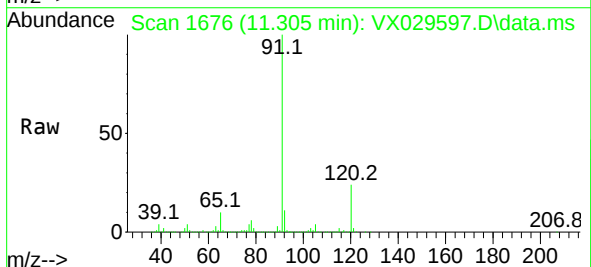
Instrument :
MSVOA_X
ClientSampleId :
MW-32

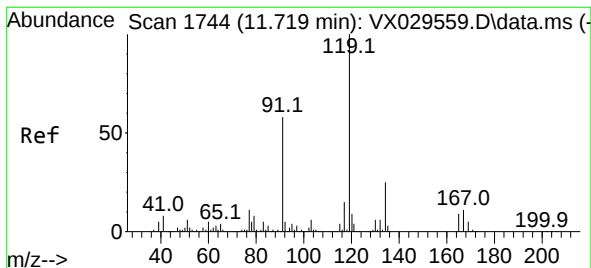
Tgt Ion: 75 Resp: 20909
Ion Ratio Lower Upper
75 100
53 97.0 69.0 103.4
89 109.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 185.865 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.152 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion: 91 Resp: 2160975
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#





#83

tert-Butylbenzene

Concen: 0.637 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX029597.D

Acq: 19 Jun 2022 02:40

Instrument :

MSVOA_X

ClientSampleId :

MW-32

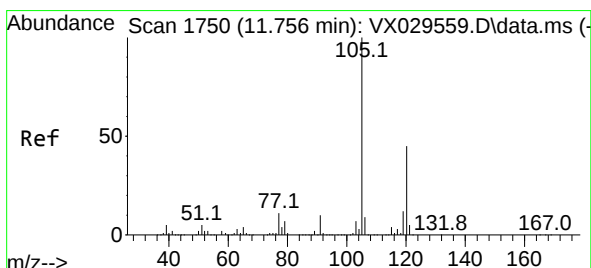
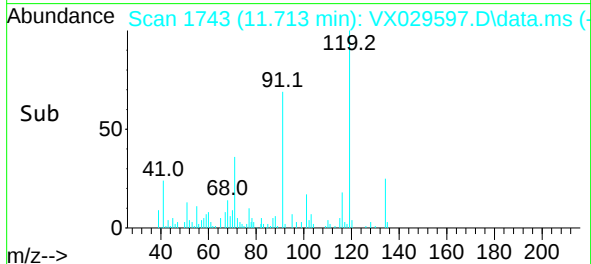
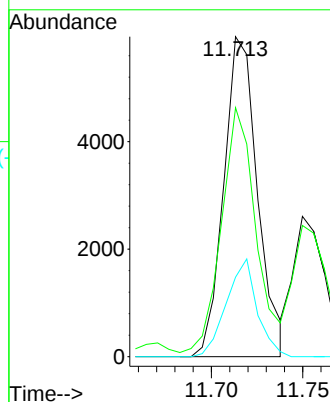
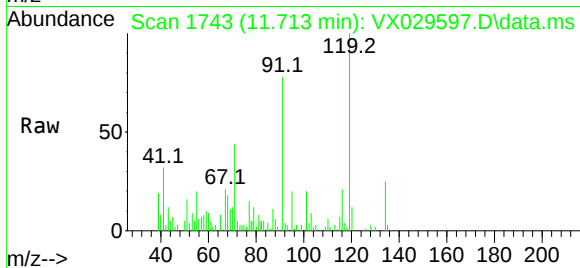
Tgt Ion:119 Resp: 7649

Ion Ratio Lower Upper

119 100

91 77.2 26.9 80.6

134 27.7 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 2.312 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX029597.D

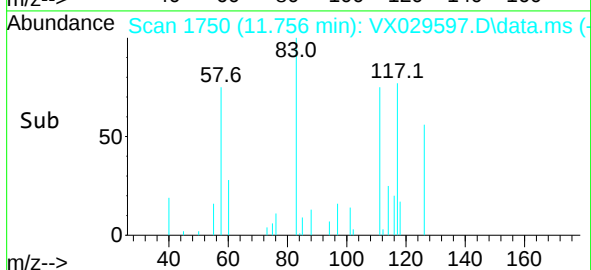
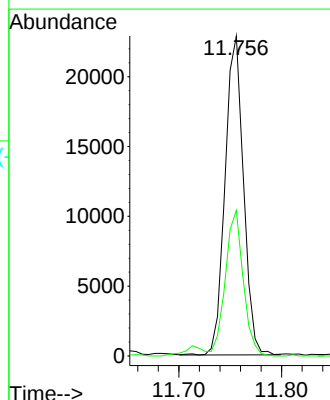
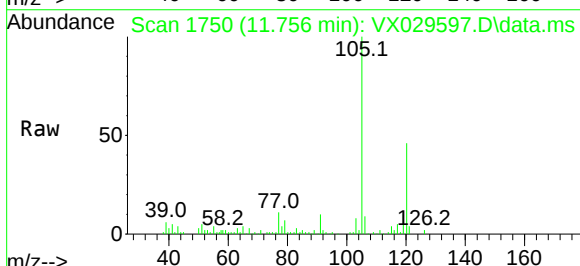
Acq: 19 Jun 2022 02:40

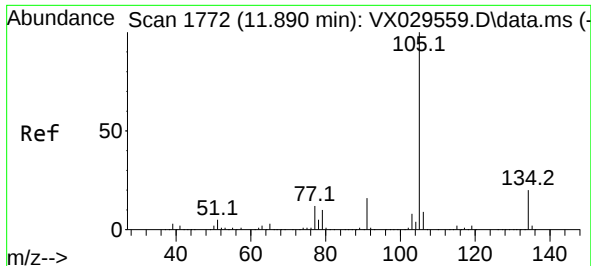
Tgt Ion:105 Resp: 28390

Ion Ratio Lower Upper

105 100

120 44.3 22.6 67.8

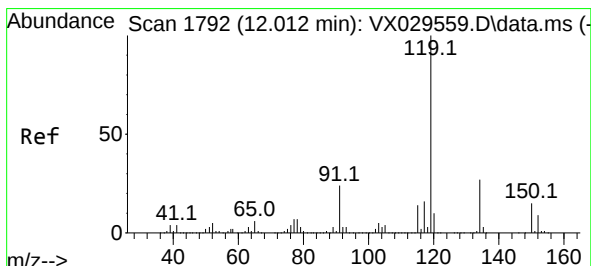
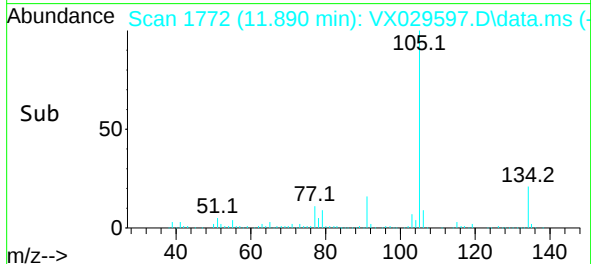
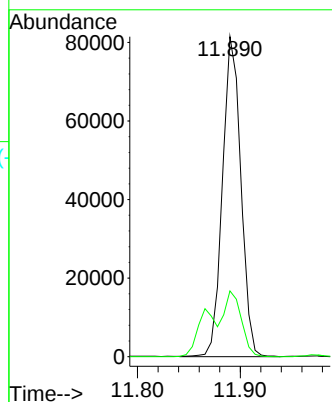
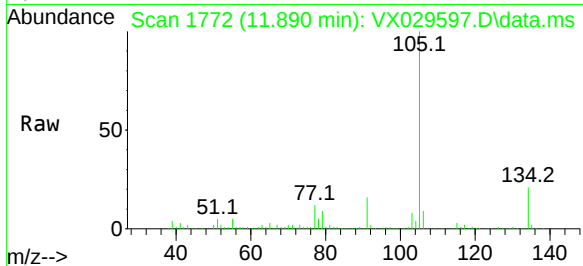




#85
 sec-Butylbenzene
 Concen: 6.796 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029597.D
 Acq: 19 Jun 2022 02:40

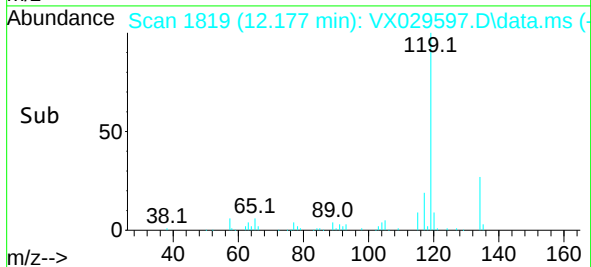
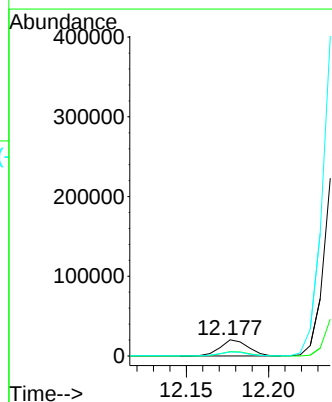
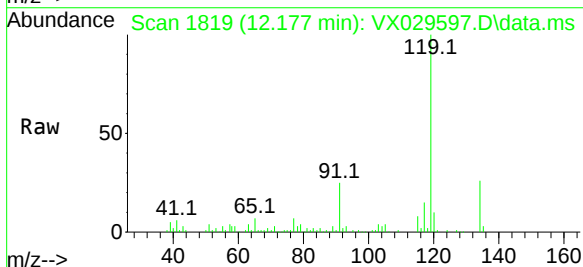
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-32

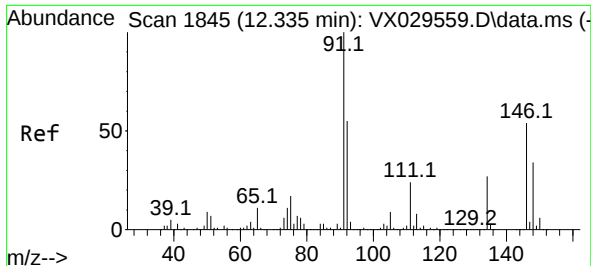
Tgt Ion:105 Resp: 101102
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 1.919 ug/l
 RT: 12.177 min Scan# 1819
 Delta R.T. 0.165 min
 Lab File: VX029597.D
 Acq: 19 Jun 2022 02:40

Tgt Ion:119 Resp: 23905
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.0 39.0
 91 0.0 11.3 33.9#

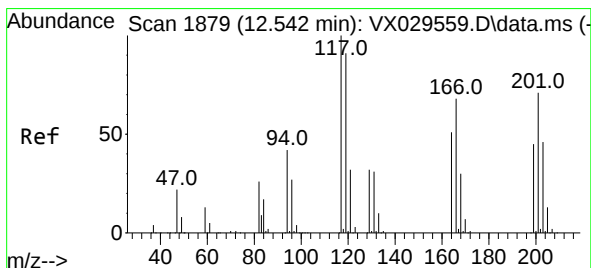
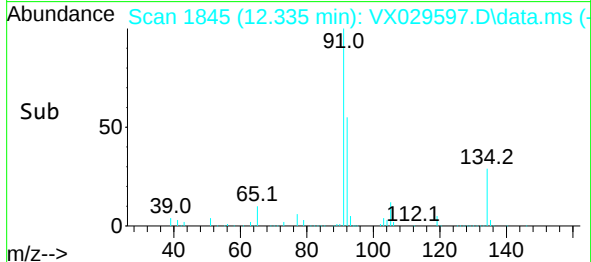
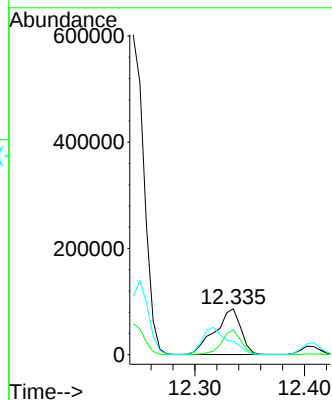
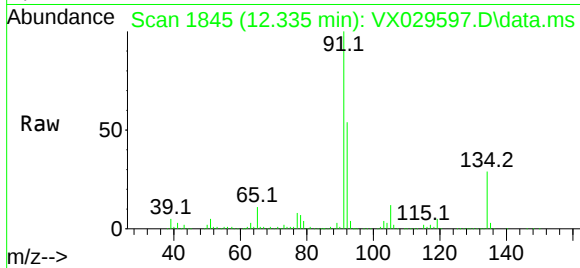




#89
n-Butylbenzene
Concen: 13.509 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

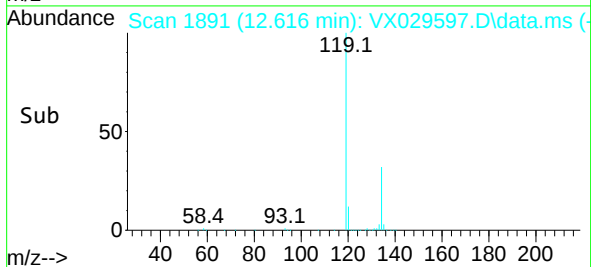
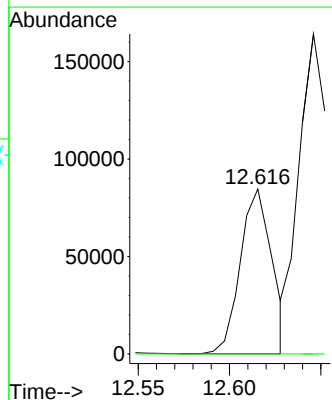
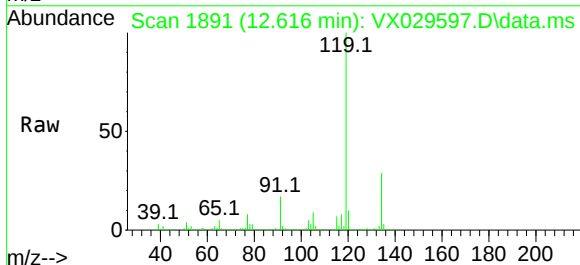
Instrument :
MSVOA_X
ClientSampleId :
MW-32

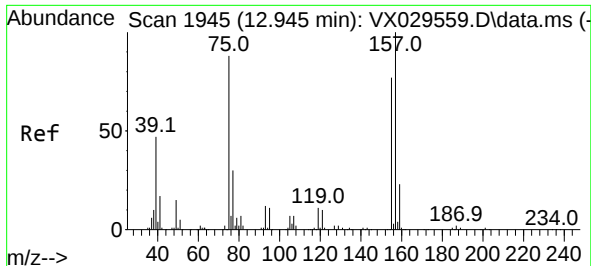
Tgt Ion: 91 Resp: 142034
Ion Ratio Lower Upper
91 100
92 40.9 27.8 83.3
134 60.8 13.3 39.8#



#90
Hexachloroethane
Concen: 56.981 ug/l
RT: 12.616 min Scan# 1891
Delta R.T. 0.074 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion: 117 Resp: 101641
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

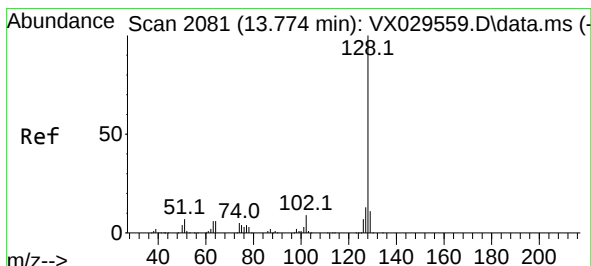
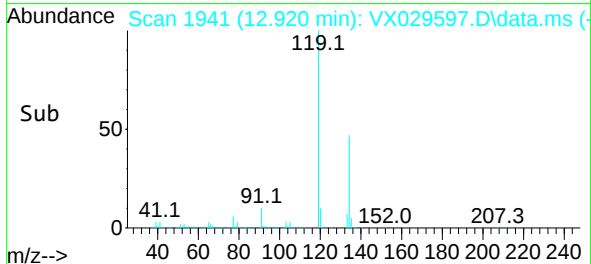
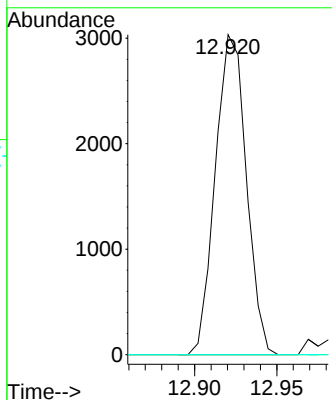
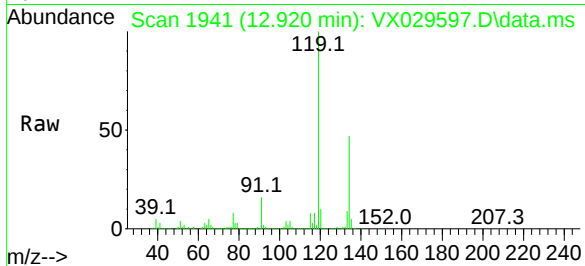




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.798 ug/l
RT: 12.920 min Scan# 1945
Delta R.T. -0.025 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Instrument :
MSVOA_X
ClientSampleId :
MW-32

Tgt Ion: 75 Resp: 3978
Ion Ratio Lower Upper
75 100
155 0.0 47.0 141.2#
157 0.0 57.9 173.6#



#95
Naphthalene
Concen: 2.603 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029597.D
Acq: 19 Jun 2022 02:40

Tgt Ion: 128 Resp: 35601
Ion Ratio Lower Upper
128 100
127 14.4 10.2 15.4
129 12.3 8.7 13.1

