

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
 Data File : VX036010.D
 Acq On : 05 Jun 2023 18:03
 Operator : JC/MD
 Sample : 03019-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-289

Quant Time: Jun 06 06:47:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	241177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	389703	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168523	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163686	41.795	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.600%
35) Dibromofluoromethane	5.385	113	116720	44.531	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.060%
50) Toluene-d8	8.647	98	446075	47.419	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.840%
62) 4-Bromofluorobenzene	11.079	95	181662	48.919	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.840%

Target Compounds						Qvalue
11) Tert butyl alcohol	2.995	59	1063	1.528	ug/l #	78
13) Acrolein	2.215	56	2489	3.715	ug/l #	1
14) Allyl chloride	2.782	41	85998	17.290	ug/l #	68
15) Acrylonitrile	3.099	53	11249	6.884	ug/l #	41
16) Acetone	2.392	43	13901	8.604	ug/l	96
18) Methyl Acetate	2.782	43	190588	30.342	ug/l #	54
19) Methyl tert-butyl Ether	3.105	73	2711	0.286	ug/l #	1
20) Methylene Chloride	2.782	84	1589	0.511	ug/l #	1
23) Vinyl Acetate	3.727	43	1384	0.204	ug/l #	74
25) 2-Butanone	4.580	43	8489	3.671	ug/l	100
26) 2,2-Dichloropropane	4.312	77	3706	0.906	ug/l #	55
29) Tetrahydrofuran	5.019	42	12664	8.498	ug/l	99
31) Cyclohexane	5.470	56	181268	44.206	ug/l	97
36) 1,1-Dichloropropene	5.550	75	21054	6.024	ug/l #	52
38) Carbon Tetrachloride	5.550	117	27111	7.960	ug/l #	17
39) Methylcyclohexane	7.378	83	83140	22.801	ug/l	95
40) Benzene	6.037	78	158633	15.124	ug/l	99
41) Methacrylonitrile	4.885	41	499	0.226	ug/l #	11
42) 1,2-Dichloroethane	6.037	62	1926	0.464	ug/l #	77
43) Isopropyl Acetate	6.354	43	3581	0.560	ug/l #	62
45) 1,2-Dichloropropane	7.378	63	1391	0.504	ug/l #	1
48) Methyl methacrylate	7.659	41	11375	3.624	ug/l #	60
51) 4-Methyl-2-Pentanone	8.579	43	3128	0.801	ug/l	99
52) Toluene	8.720	92	36199	5.489	ug/l	98
55) 1,1,2-Trichloroethane	9.098	97	9338	3.399	ug/l #	18
56) Ethyl methacrylate	9.098	69	2398	0.584	ug/l #	10
58) 2-Chloroethyl Vinyl ether	8.147	63	1688	0.784	ug/l #	47
59) 2-Hexanone	9.579	43	2405	0.833	ug/l	92
67) Ethyl Benzene	10.195	91	47730	3.875	ug/l	97
68) m/p-Xylenes	10.299	106	111823	23.930	ug/l	96
69) o-Xylene	10.640	106	9328	1.986	ug/l	99
73) Isopropylbenzene	10.963	105	11238	0.918	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	94030	24.739	ug/l #	35
78) n-propylbenzene	11.305	91	14409	1.042	ug/l	99
79) 2-Chlorotoluene	11.396	91	8880	0.986	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.396	105	68542	6.638	ug/l	73

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

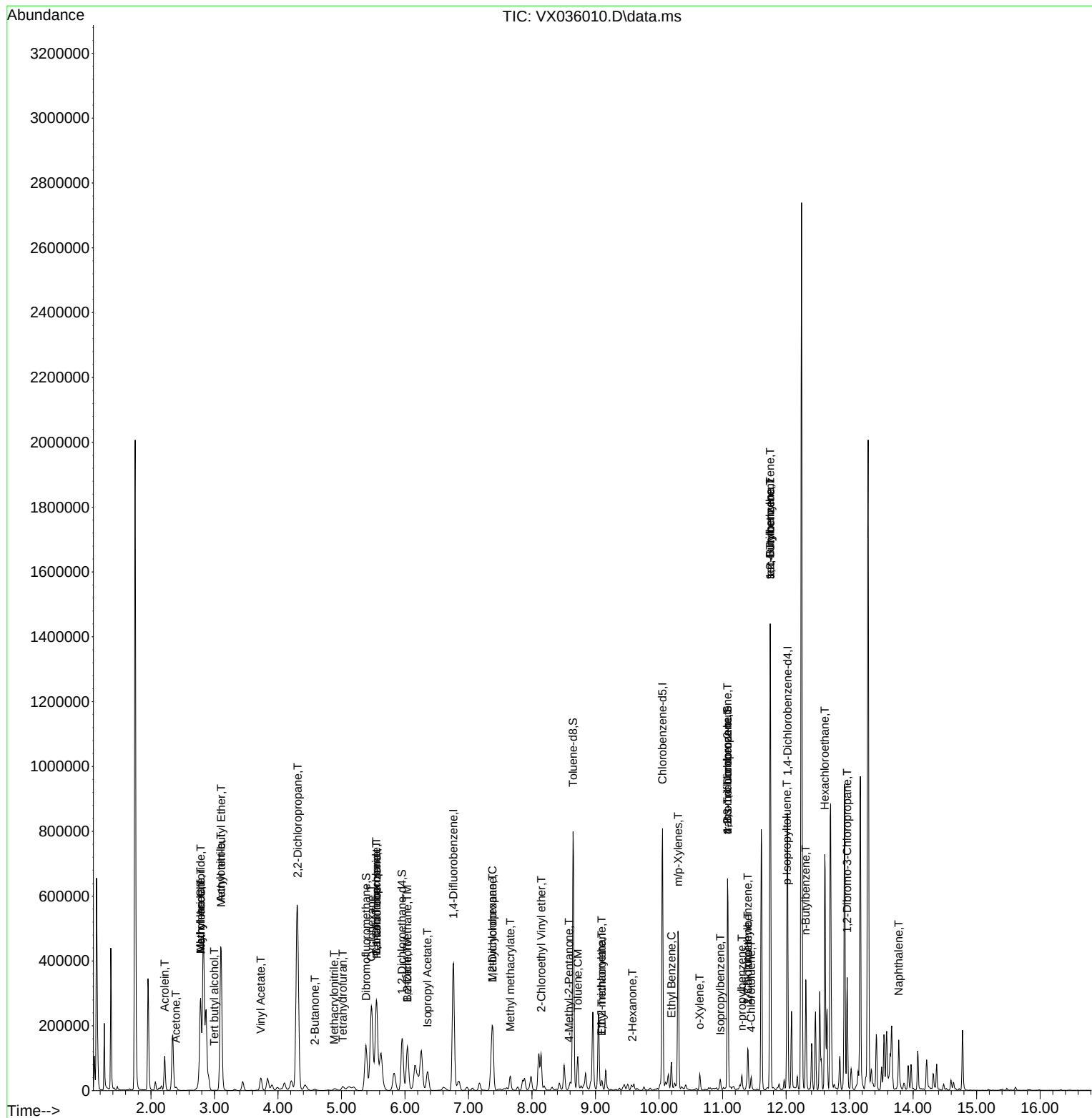
81) trans-1,4-Dichloro-2-b...	11.079	75	94030	83.328	ug/l	#	3
82) 4-Chlorotoluene	11.451	91	2438	0.236	ug/l	#	56
83) tert-Butylbenzene	11.750	119	70474	7.144	ug/l	#	57
84) 1,2,4-Trimethylbenzene	11.750	105	602768	56.885	ug/l		98
85) sec-Butylbenzene	11.750	105	602768	51.518	ug/l	#	57
86) p-Isopropyltoluene	12.012	119	10238	1.023	ug/l	#	72
89) n-Butylbenzene	12.311	91	29301	3.467	ug/l	#	1
90) Hexachloroethane	12.609	117	31196	19.666	ug/l	#	17
92) 1,2-Dibromo-3-Chloropr...	12.963	75	1158	1.339	ug/l	#	8
95) Naphthalene	13.774	128	86548	7.738	ug/l	#	96

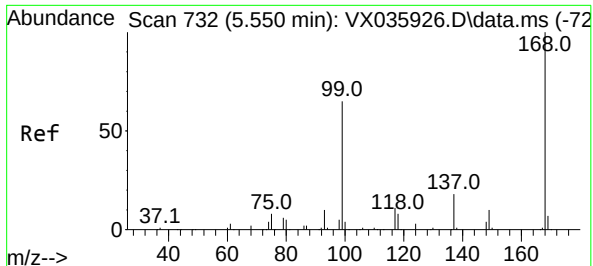
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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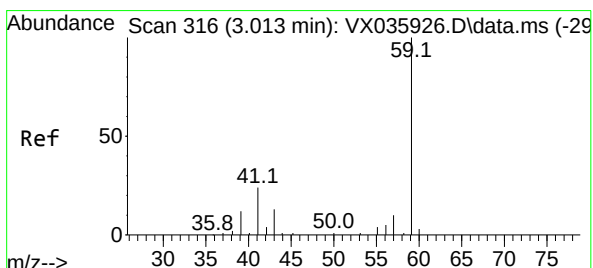
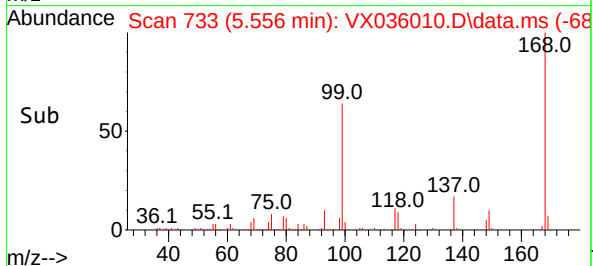
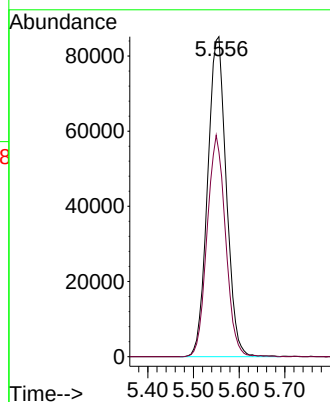
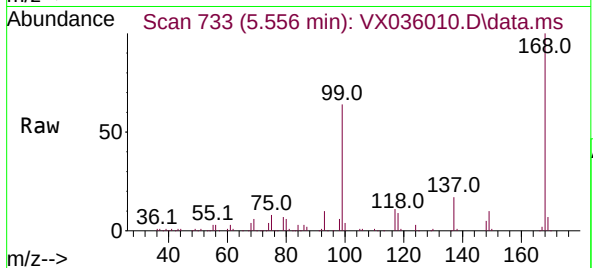




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

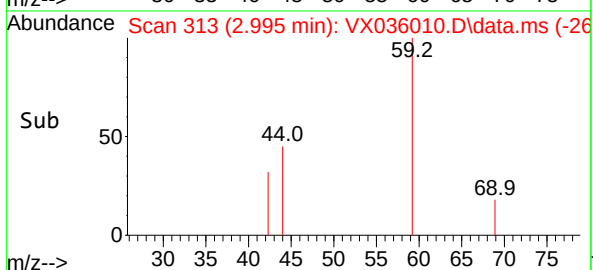
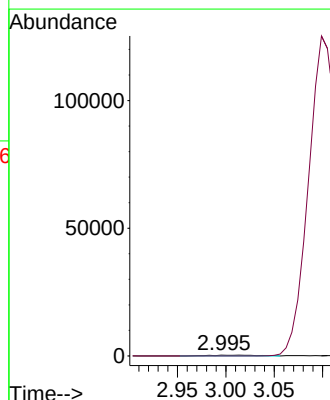
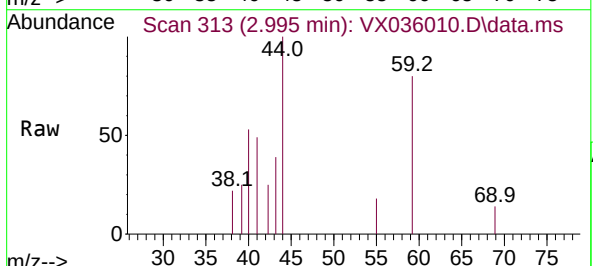
Instrument :
MSVOA_X
ClientSampleId :
MH-289

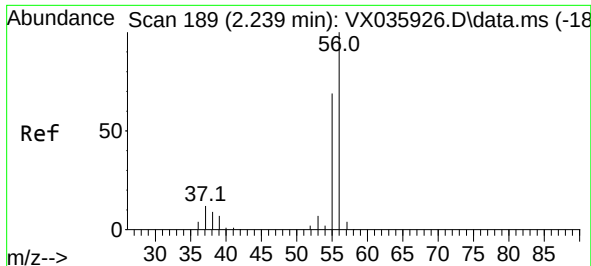
Tgt Ion:168 Resp: 241177
Ion Ratio Lower Upper
168 100
99 64.0 57.0 85.6



#11
Tert butyl alcohol
Concen: 1.528 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.012 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

Tgt Ion: 59 Resp: 1063
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 3.715 ug/l

RT: 2.215 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

Instrument :

MSVOA_X

ClientSampleId :

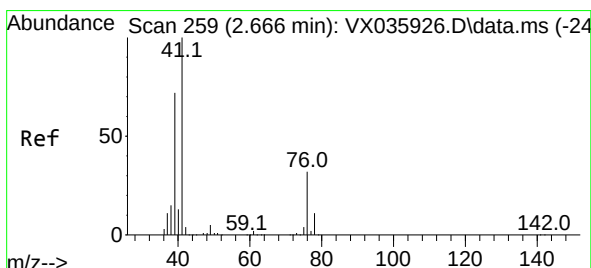
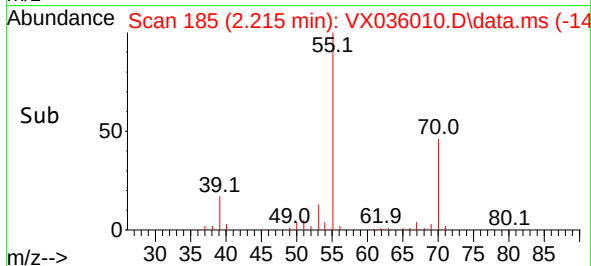
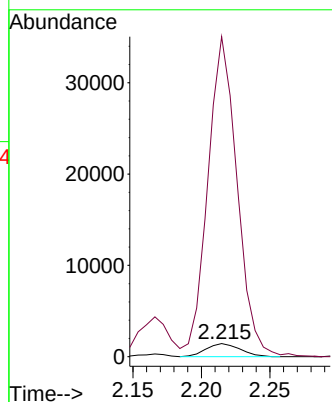
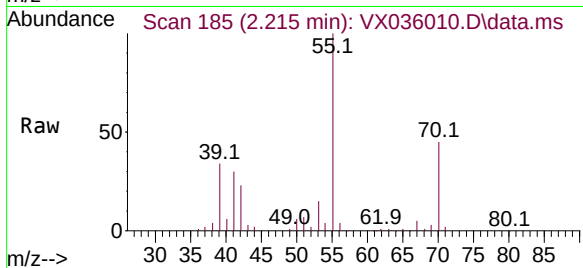
MH-289

Tgt Ion: 56 Resp: 2489

Ion Ratio Lower Upper

56 100

55 2103.2 57.3 85.9#



#14

Allyl chloride

Concen: 17.290 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.116 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

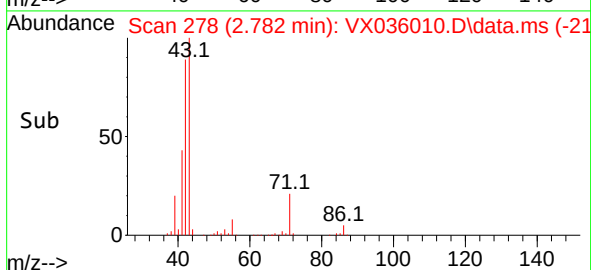
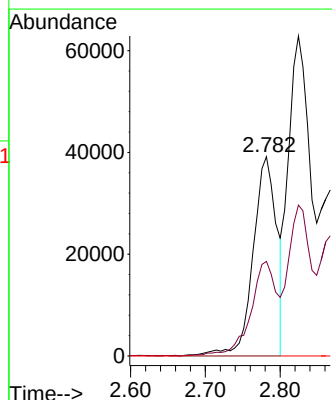
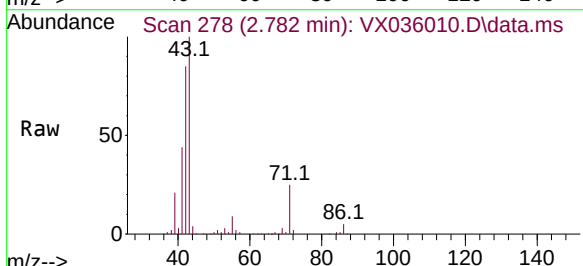
Tgt Ion: 41 Resp: 85998

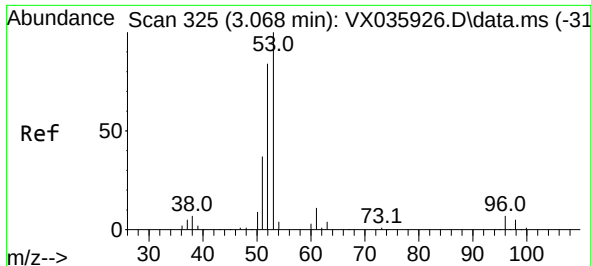
Ion Ratio Lower Upper

41 100

39 52.6 56.9 85.3#

76 0.0 24.1 36.1#





#15

Acrylonitrile

Concen: 6.884 ug/l

RT: 3.099 min Scan# 31

Delta R.T. 0.031 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

Instrument :

MSVOA_X

ClientSampleId :

MH-289

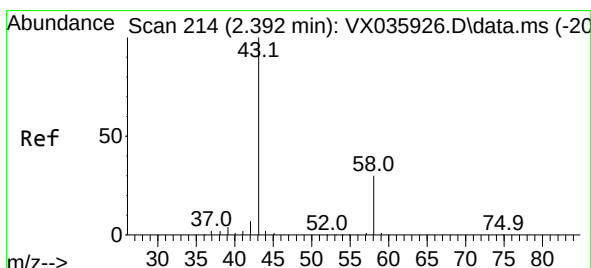
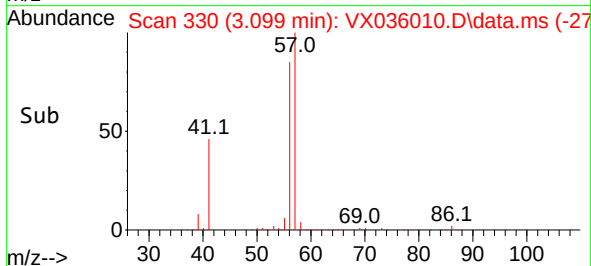
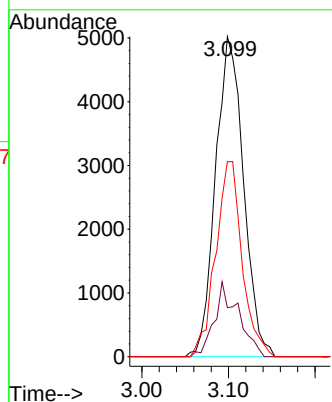
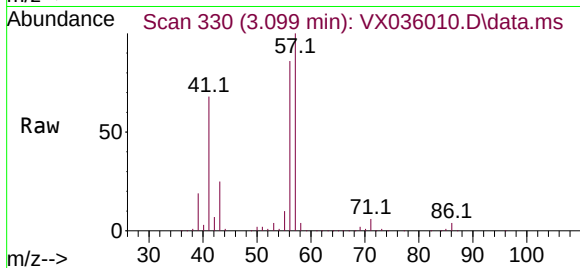
Tgt Ion: 53 Resp: 11249

Ion Ratio Lower Upper

53 100

52 20.1 67.0 100.4#

51 57.9 29.8 44.8#



#16

Acetone

Concen: 8.604 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.001 min

Lab File: VX036010.D

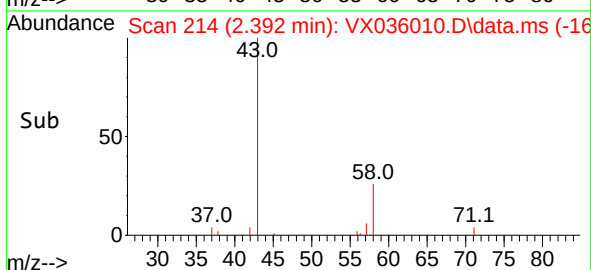
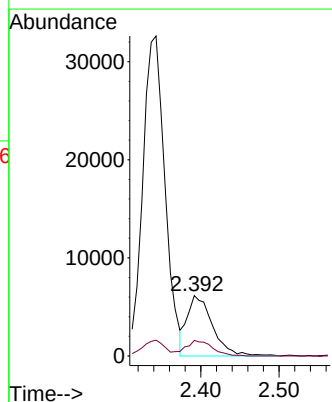
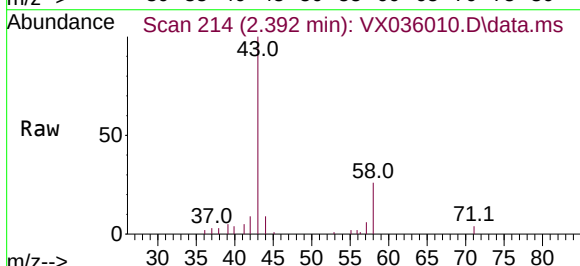
Acq: 05 Jun 2023 18:03

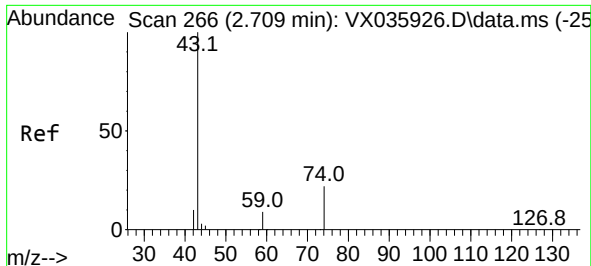
Tgt Ion: 43 Resp: 13901

Ion Ratio Lower Upper

43 100

58 25.7 22.2 33.2

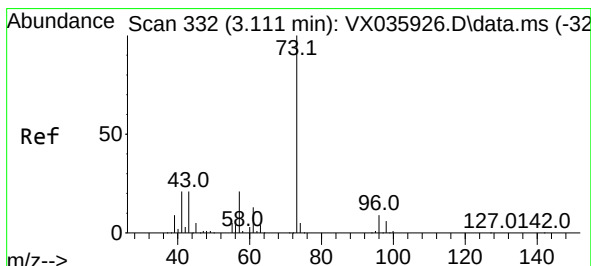
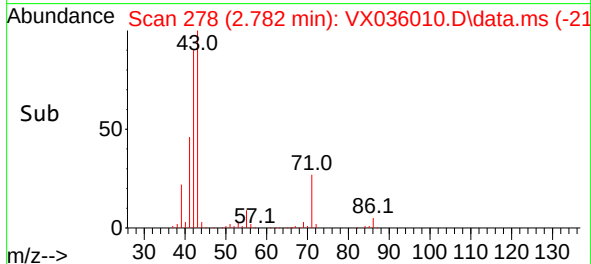
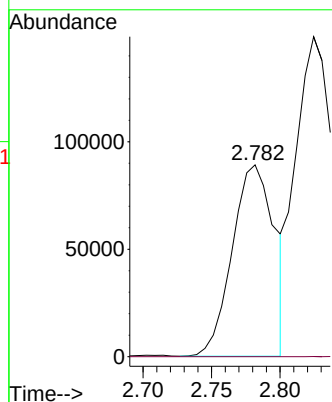
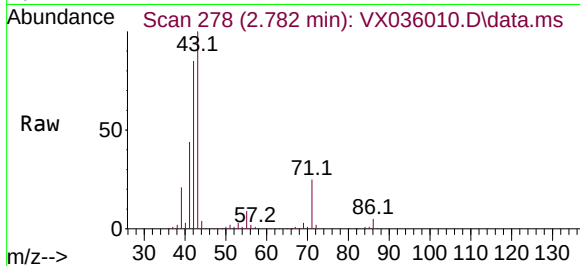




#18
Methyl Acetate
Concen: 30.342 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.080 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

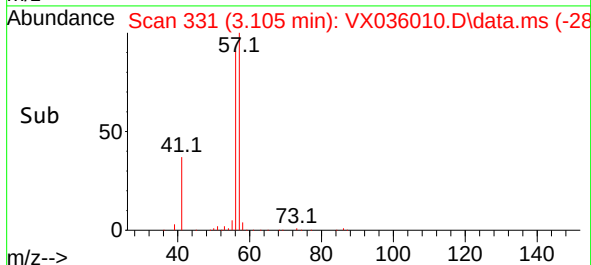
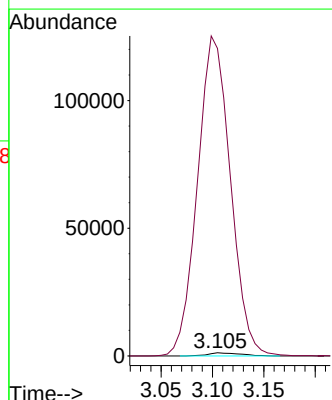
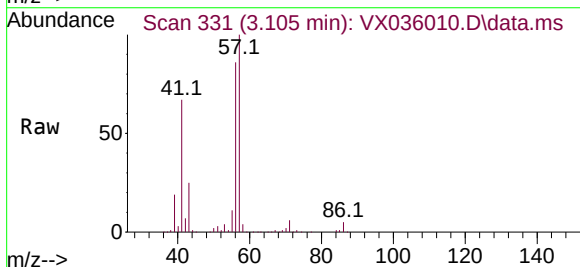
Instrument :
MSVOA_X
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MH-289

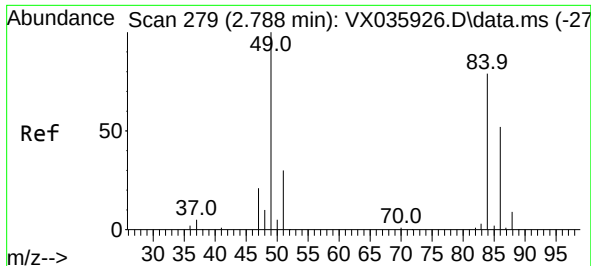
Tgt Ion: 43 Resp: 190588
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#19
Methyl tert-butyl Ether
Concen: 0.286 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

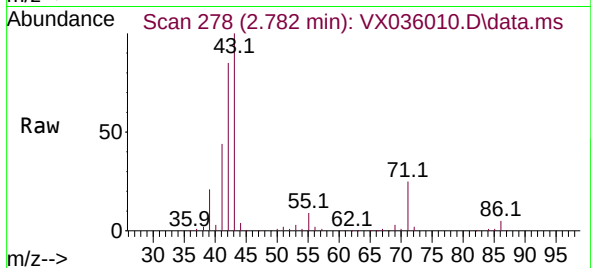
Tgt Ion: 73 Resp: 2711
Ion Ratio Lower Upper
73 100
57 9461.7 17.6 26.4#





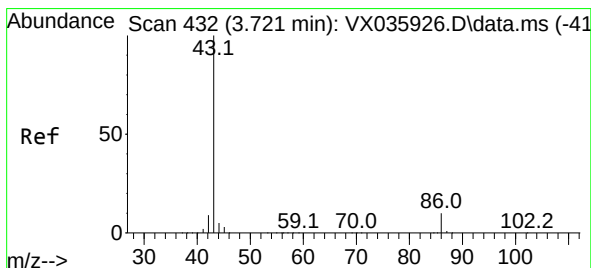
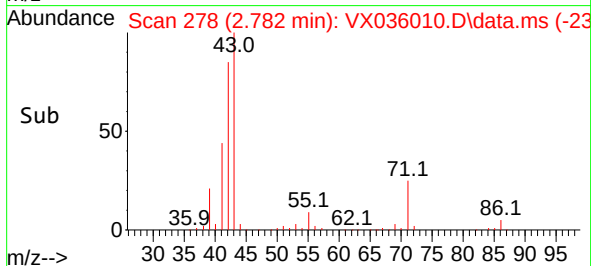
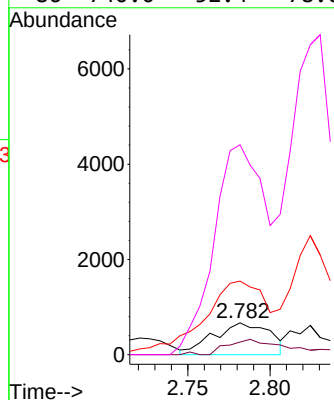
#20
Methylene Chloride
Concen: 0.511 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

Instrument :
MSVOA_X
ClientSampleId :
MH-289



Tgt Ion: 84 Resp: 1589

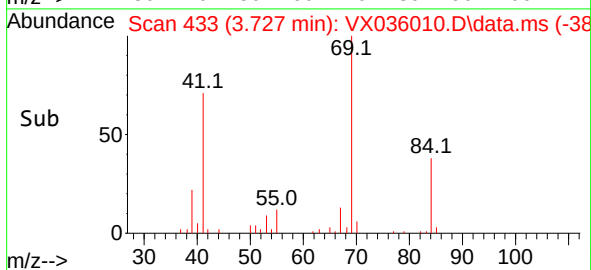
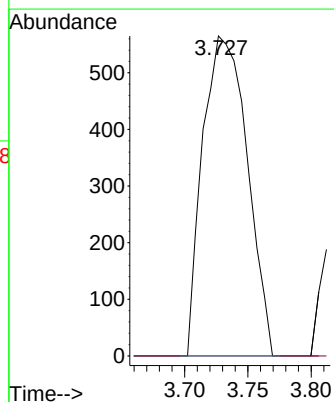
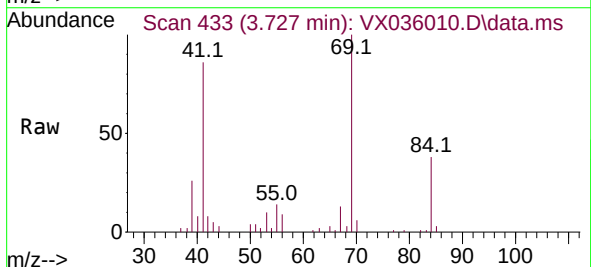
Ion	Ratio	Lower	Upper
84	100		
49	46.5	104.6	156.8#
51	200.7	32.2	48.4#
86	740.0	52.4	78.6#

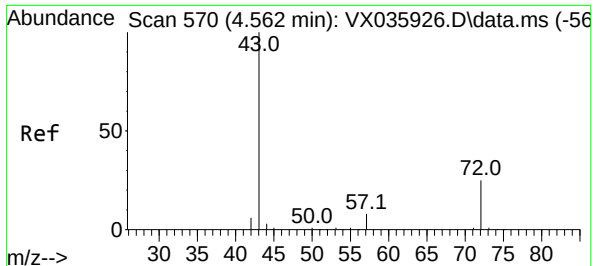


#23
Vinyl Acetate
Concen: 0.204 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.007 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

Tgt Ion: 43 Resp: 1384

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.8	11.6#





#25

2-Butanone

Concen: 3.671 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

Instrument :

MSVOA_X

ClientSampleId :

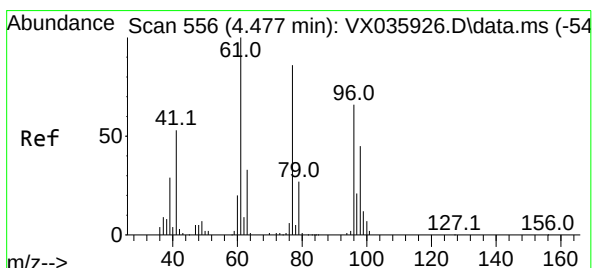
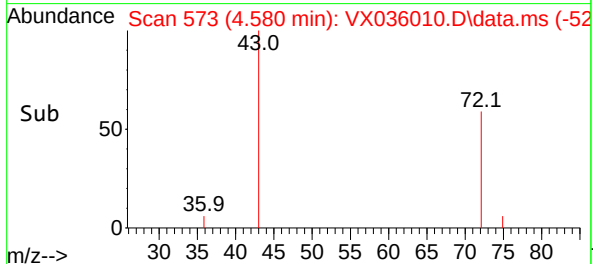
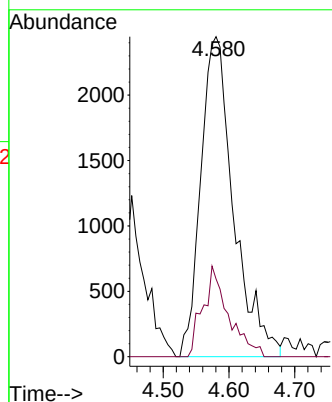
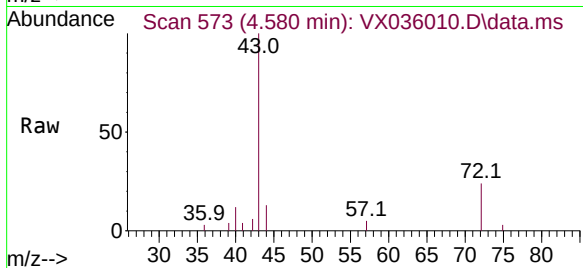
MH-289

Tgt Ion: 43 Resp: 8489

Ion Ratio Lower Upper

43 100

72 24.3 19.4 29.2



#26

2,2-Dichloropropane

Concen: 0.906 ug/l

RT: 4.312 min Scan# 529

Delta R.T. -0.158 min

Lab File: VX036010.D

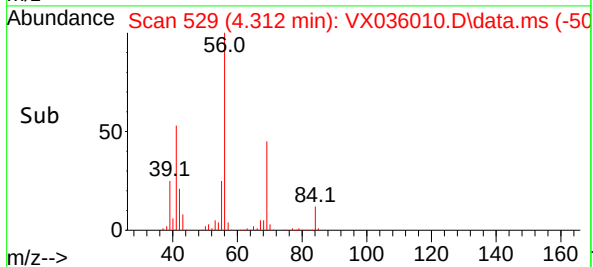
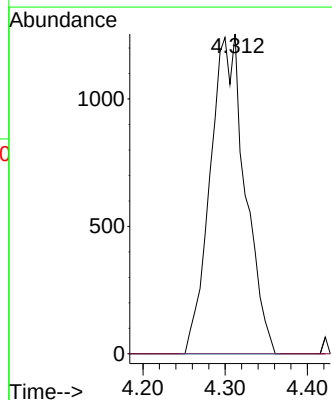
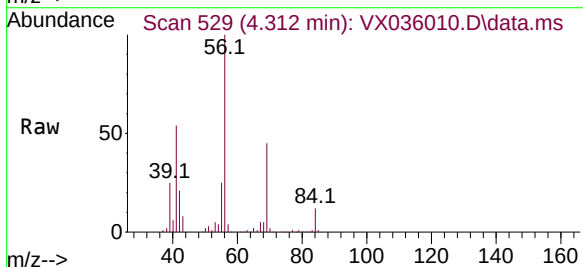
Acq: 05 Jun 2023 18:03

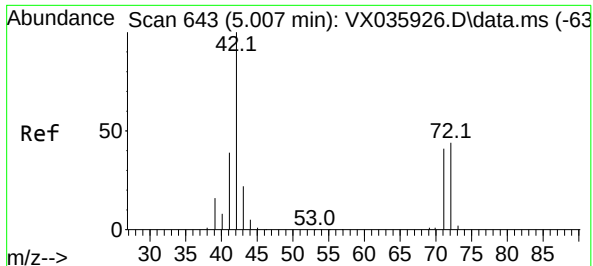
Tgt Ion: 77 Resp: 3706

Ion Ratio Lower Upper

77 100

97 0.0 10.5 31.6#





#29

Tetrahydrofuran

Concen: 8.498 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

Instrument :

MSVOA_X

ClientSampleId :

MH-289

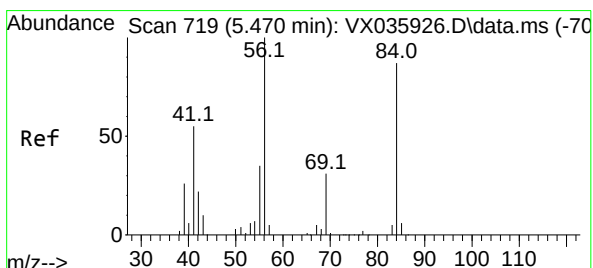
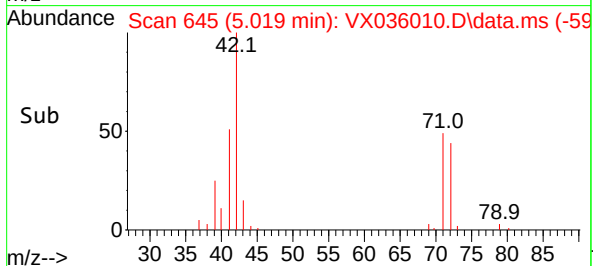
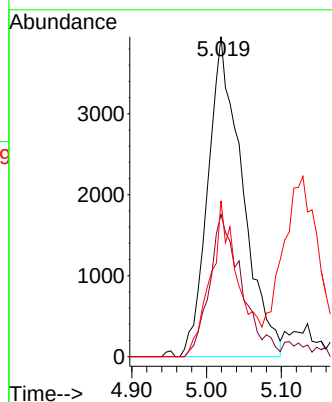
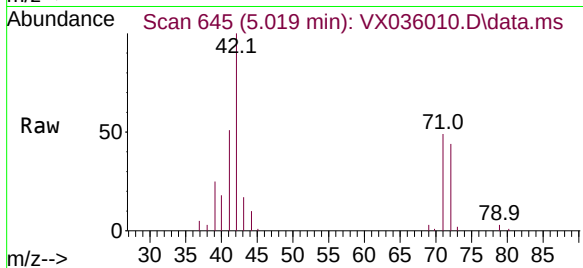
Tgt Ion: 42 Resp: 12664

Ion Ratio Lower Upper

42 100

72 41.5 34.2 51.2

71 39.9 31.8 47.8



#31

Cyclohexane

Concen: 44.206 ug/l

RT: 5.470 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

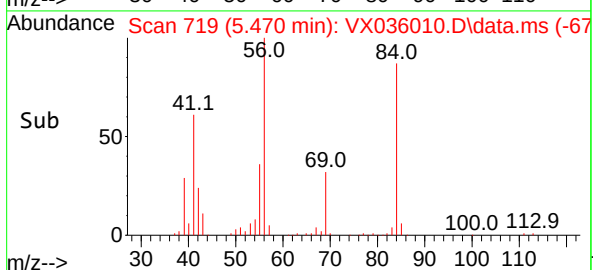
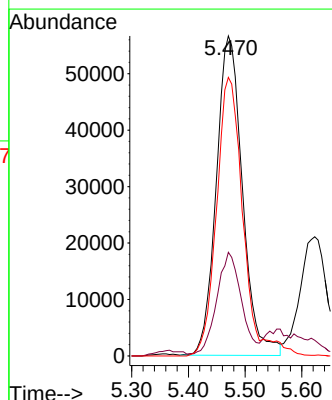
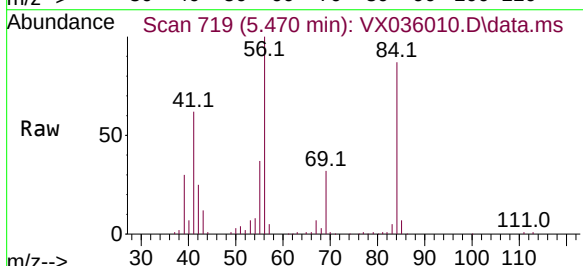
Tgt Ion: 56 Resp: 181268

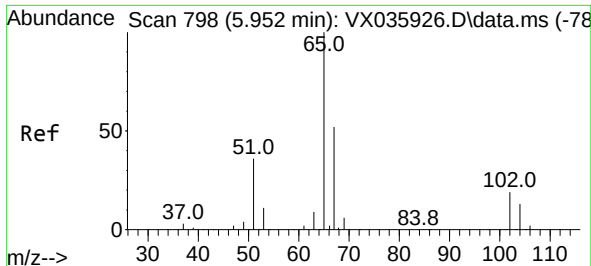
Ion Ratio Lower Upper

56 100

69 31.2 25.9 38.9

84 87.3 67.6 101.4

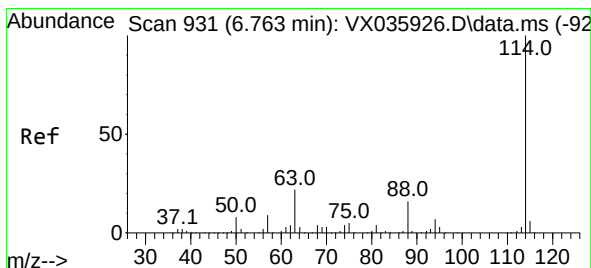
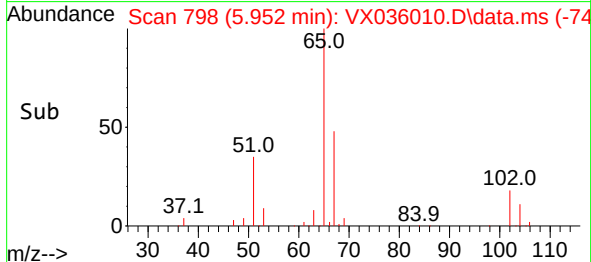
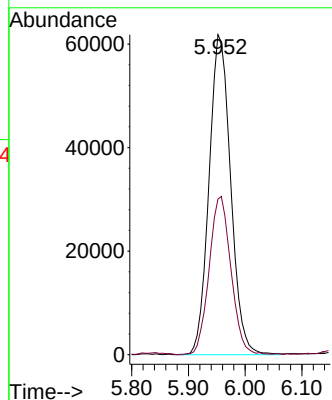
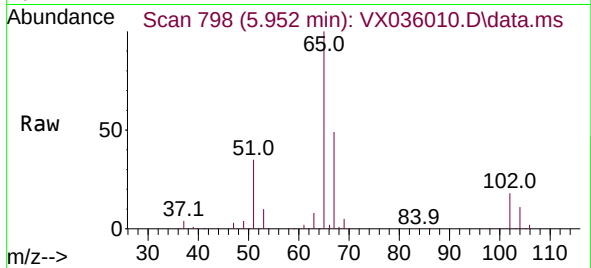




#33
 1,2-Dichloroethane-d4
 Concen: 41.795 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX036010.D
 Acq: 05 Jun 2023 18:03

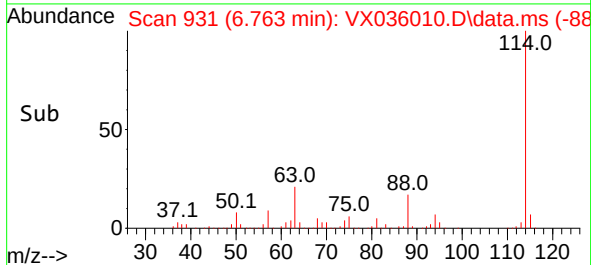
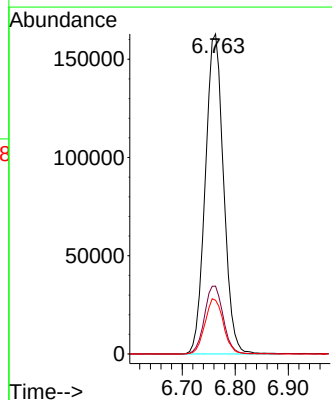
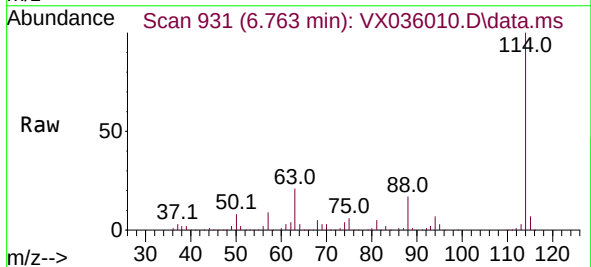
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-289

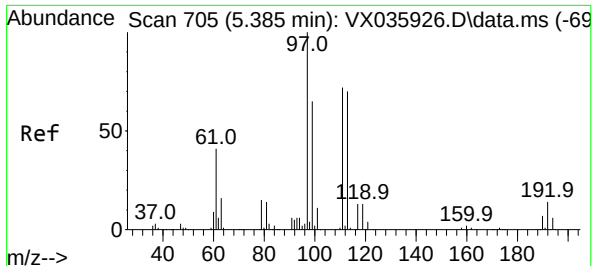
Tgt Ion: 65 Resp: 163686
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036010.D
 Acq: 05 Jun 2023 18:03

Tgt Ion: 114 Resp: 389703
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 46.0
 88 16.8 0.0 35.2





#35

Dibromofluoromethane

Concen: 44.531 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

Instrument :

MSVOA_X

ClientSampleId :

MH-289

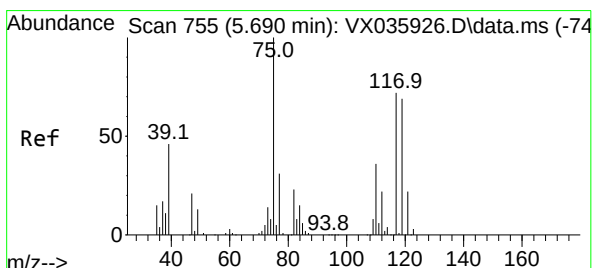
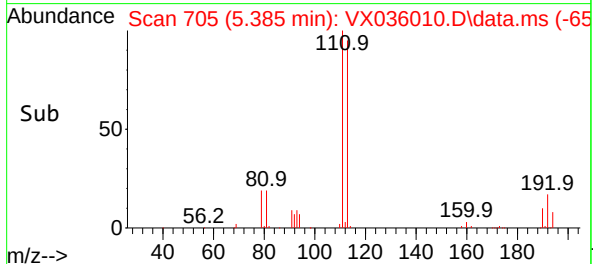
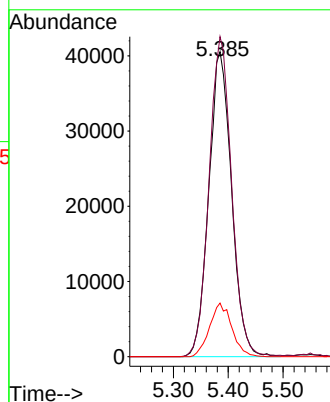
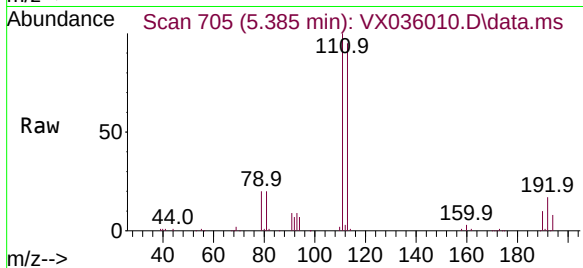
Tgt Ion:113 Resp: 116720

Ion Ratio Lower Upper

113 100

111 104.1 81.7 122.5

192 17.2 13.5 20.3



#36

1,1-Dichloropropene

Concen: 6.024 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

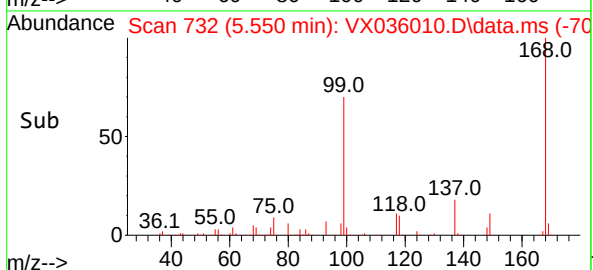
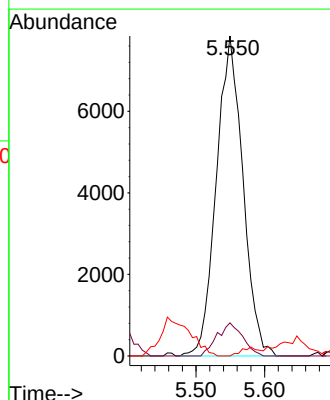
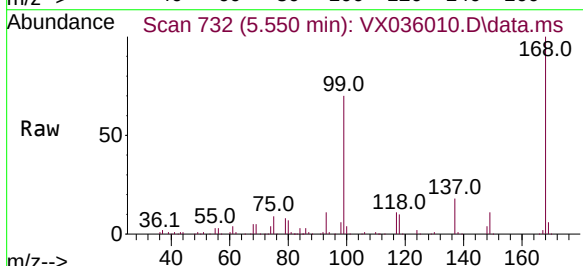
Tgt Ion: 75 Resp: 21054

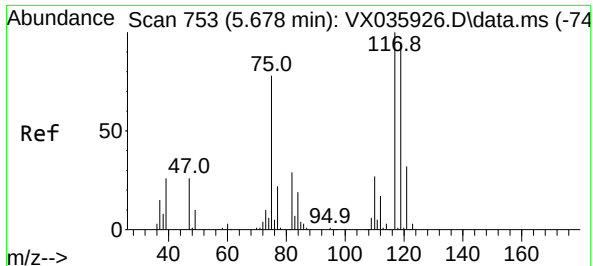
Ion Ratio Lower Upper

75 100

110 10.0 16.6 49.7#

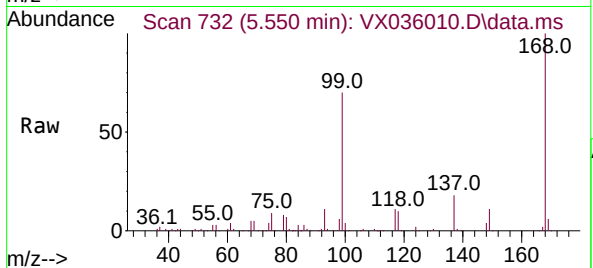
77 0.0 24.4 36.6#



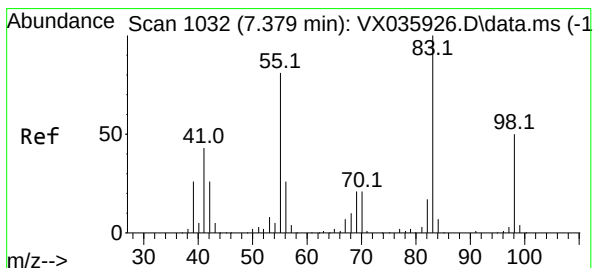
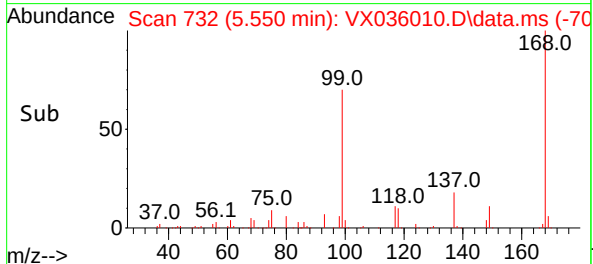
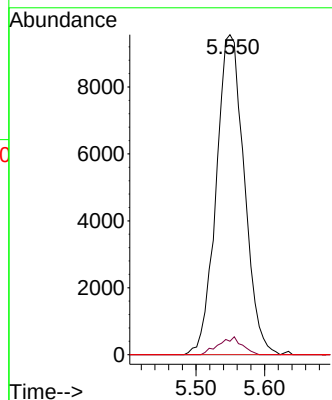


#38
Carbon Tetrachloride
Concen: 7.960 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

Instrument :
MSVOA_X
ClientSampleId :
MH-289

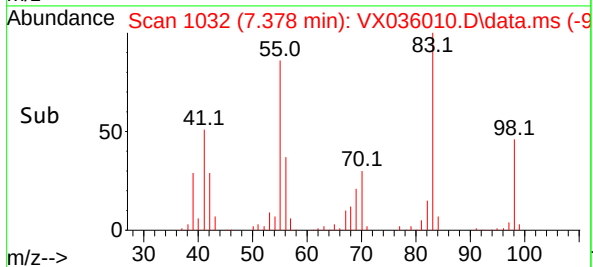
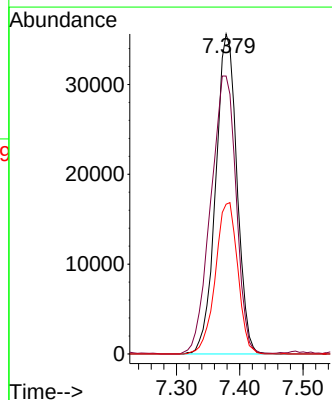
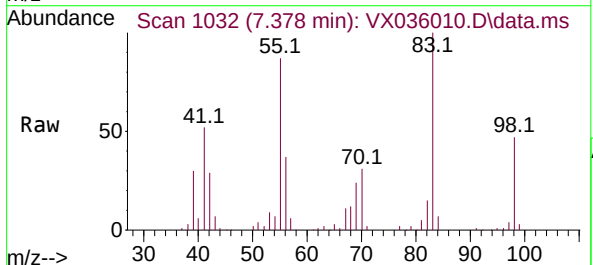


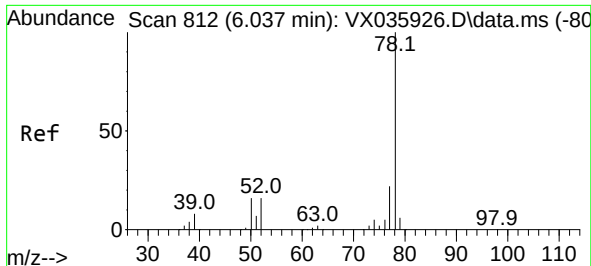
Tgt Ion:117 Resp: 27111
Ion Ratio Lower Upper
117 100
119 4.2 74.1 111.1#
121 0.0 25.0 37.4#



#39
Methylcyclohexane
Concen: 22.801 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

Tgt Ion: 83 Resp: 83140
Ion Ratio Lower Upper
83 100
55 86.8 64.9 97.3
98 46.8 38.1 57.1





#40

Benzene

Concen: 15.124 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

Instrument :

MSVOA_X

ClientSampleId :

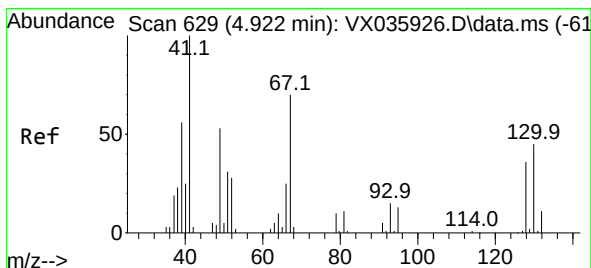
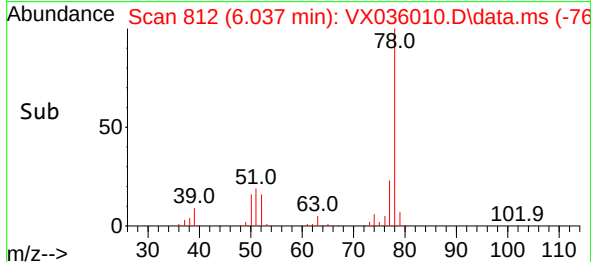
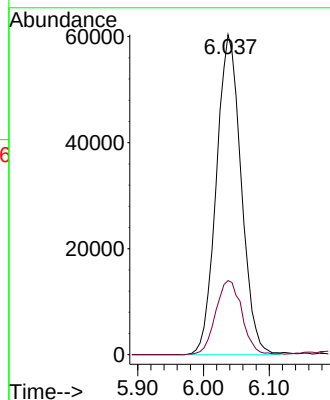
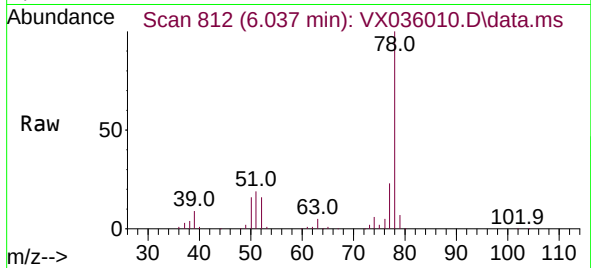
MH-289

Tgt Ion: 78 Resp: 158633

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6



#41

Methacrylonitrile

Concen: 0.226 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.037 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

Tgt Ion: 41 Resp: 499

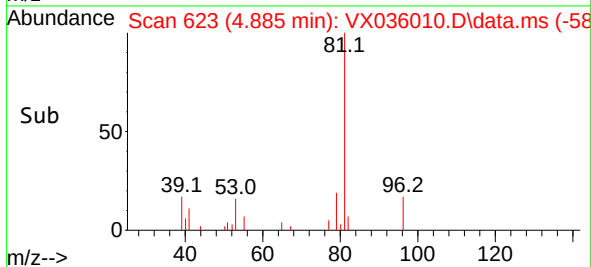
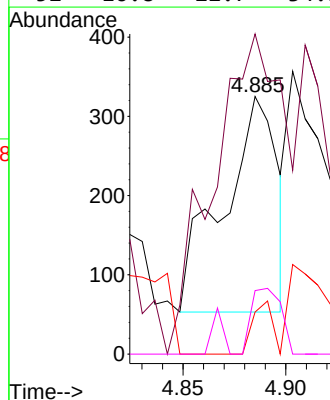
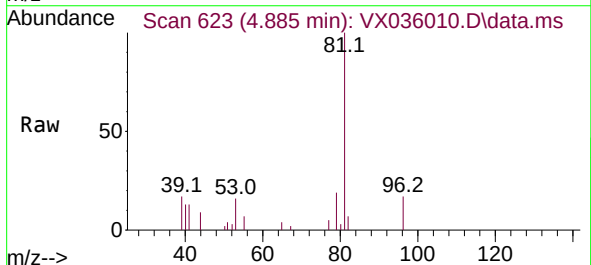
Ion Ratio Lower Upper

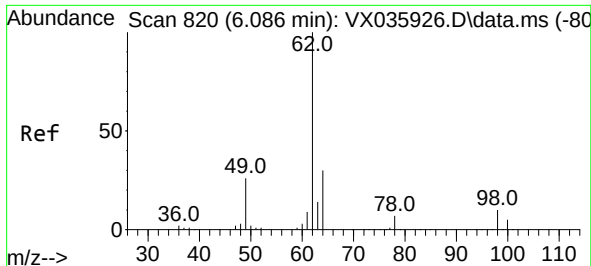
41 100

39 195.8 45.6 68.4#

67 40.3 51.8 77.6#

52 16.8 22.7 34.1#





#42

1,2-Dichloroethane

Concen: 0.464 ug/l

RT: 6.037 min Scan# 81

Delta R.T. -0.049 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

Instrument :

MSVOA_X

ClientSampleId :

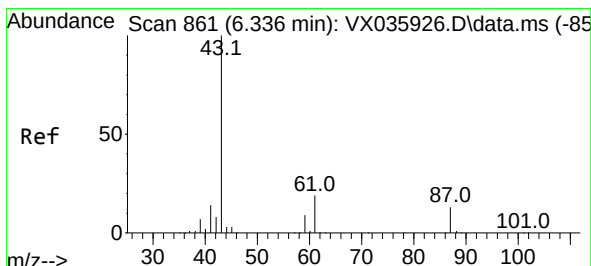
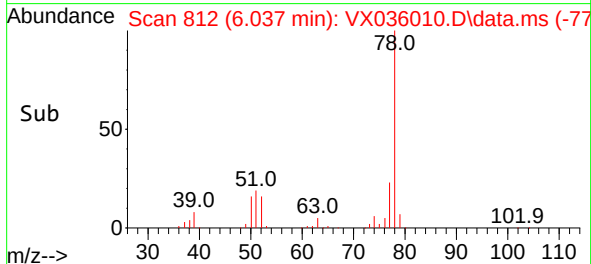
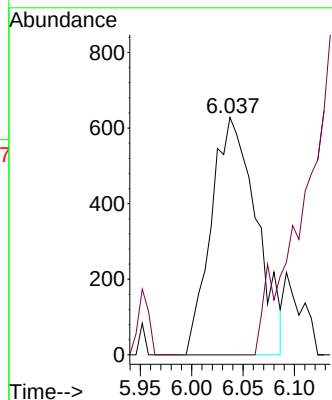
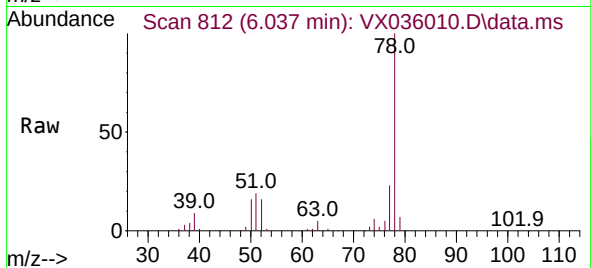
MH-289

Tgt Ion: 62 Resp: 1926

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#43

Isopropyl Acetate

Concen: 0.560 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.018 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

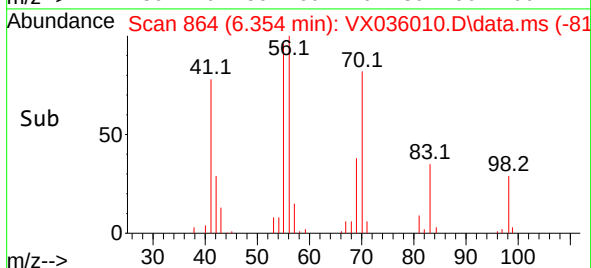
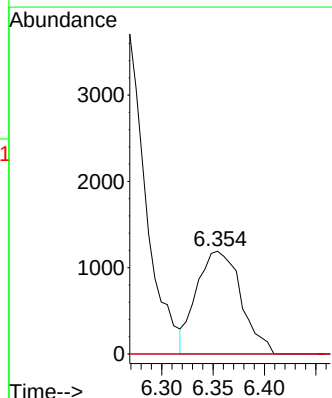
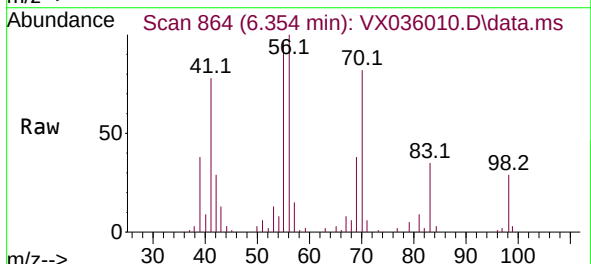
Tgt Ion: 43 Resp: 3581

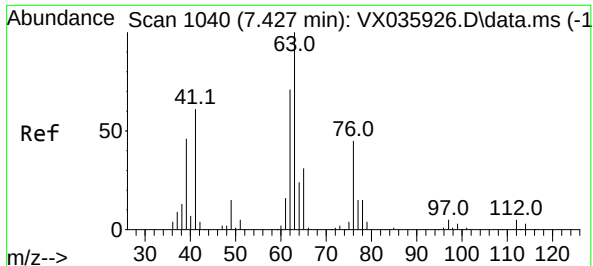
Ion Ratio Lower Upper

43 100

61 0.0 15.0 22.4#

87 0.0 9.9 14.9#





#45

1,2-Dichloropropane

Concen: 0.504 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.048 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

Instrument :

MSVOA_X

ClientSampleId :

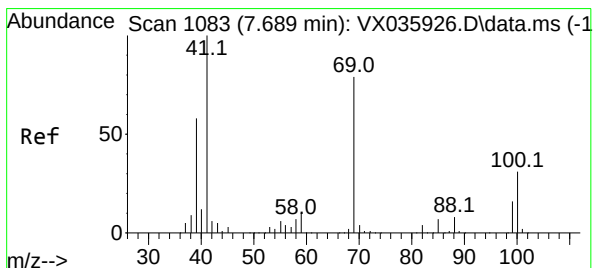
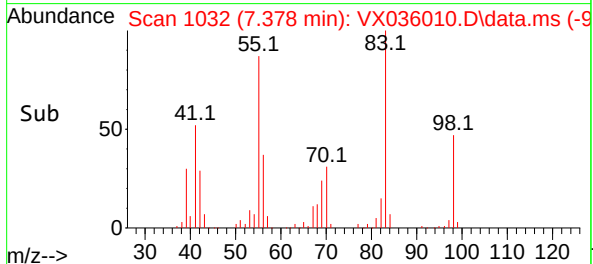
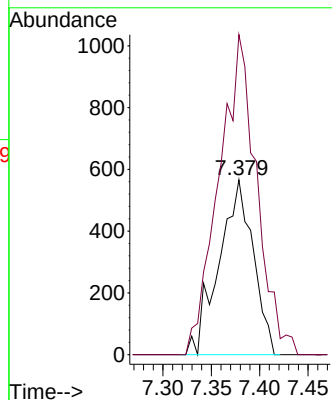
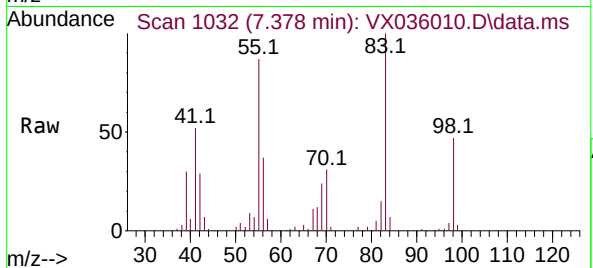
MH-289

Tgt Ion: 63 Resp: 1391

Ion Ratio Lower Upper

63 100

65 183.0 24.8 37.2#



#48

Methyl methacrylate

Concen: 3.624 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.030 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

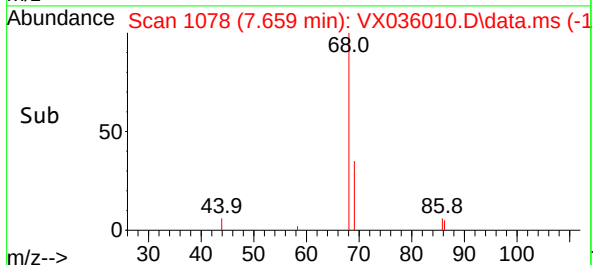
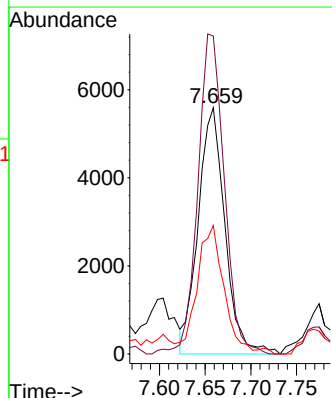
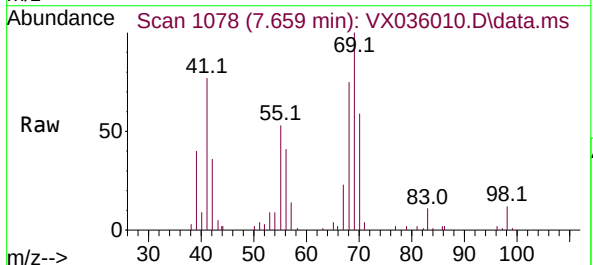
Tgt Ion: 41 Resp: 11375

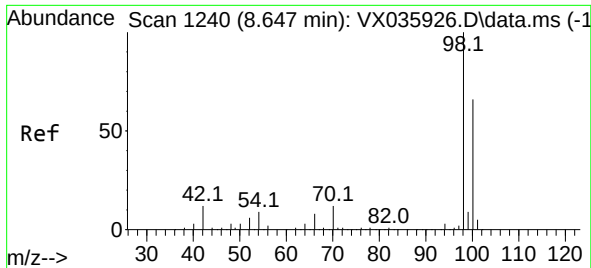
Ion Ratio Lower Upper

41 100

69 128.6 59.0 88.6#

39 53.2 48.4 72.6

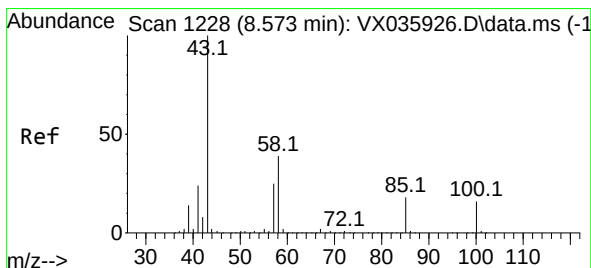
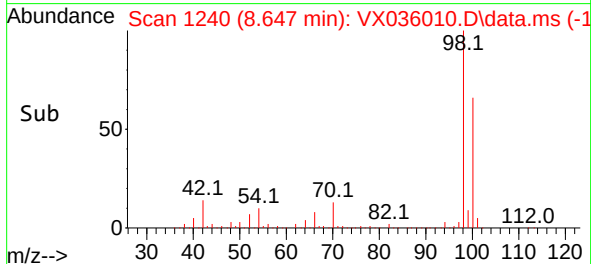
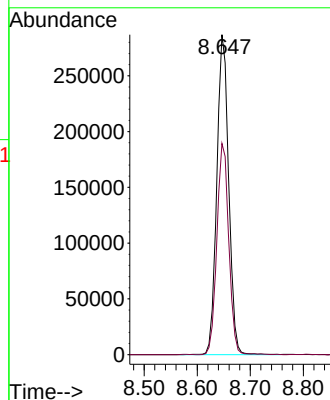
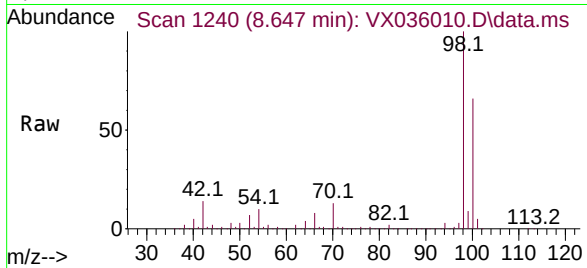




#50
Toluene-d8
Concen: 47.419 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

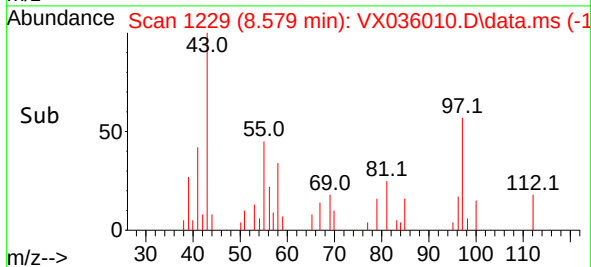
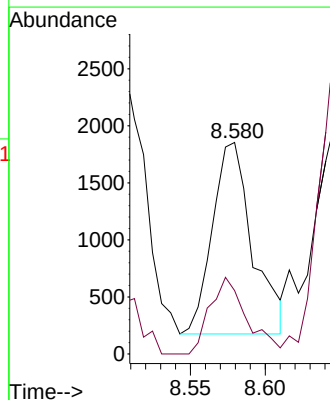
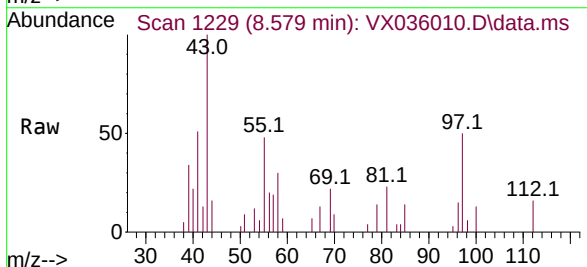
Instrument :
MSVOA_X
ClientSampleId :
MH-289

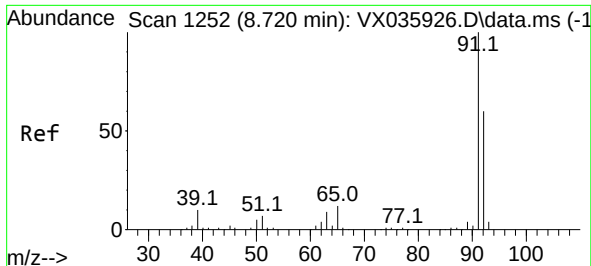
Tgt Ion: 98 Resp: 446075
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.801 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

Tgt Ion: 43 Resp: 3128
Ion Ratio Lower Upper
43 100
58 36.9 30.1 45.1

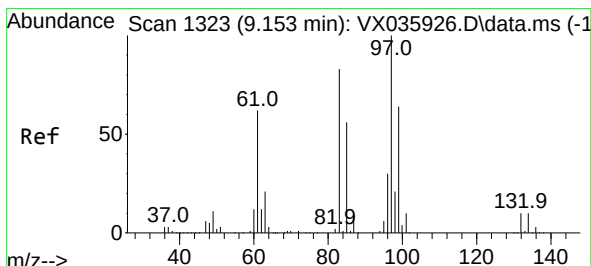
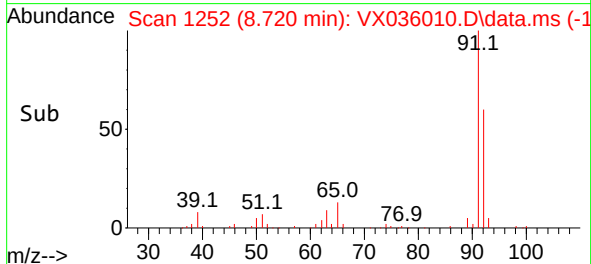
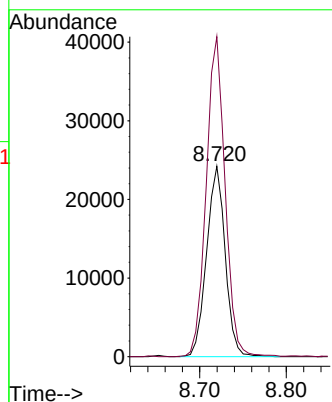
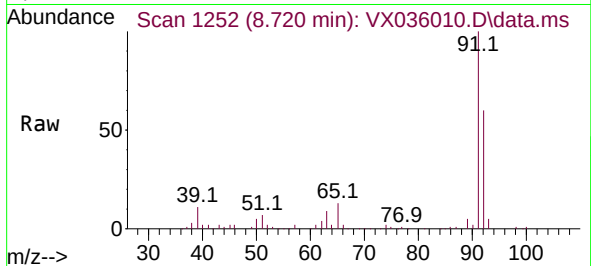




#52
Toluene
Concen: 5.489 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

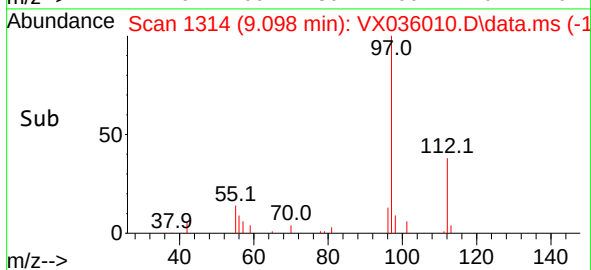
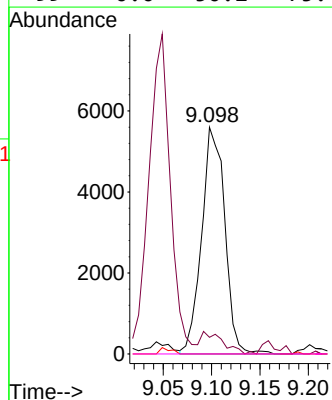
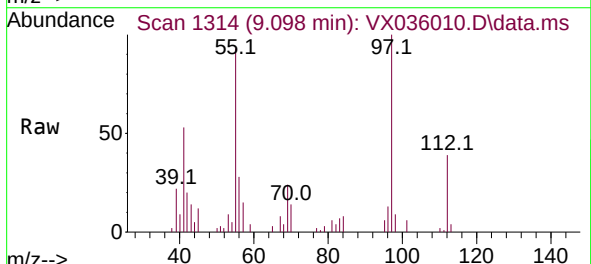
Instrument :
MSVOA_X
ClientSampleId :
MH-289

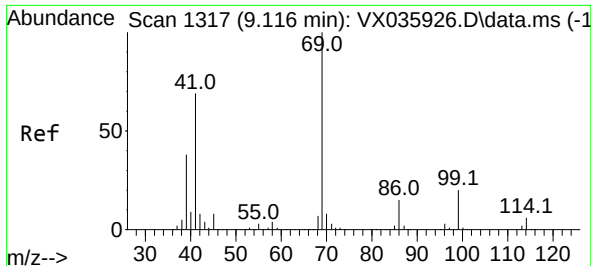
Tgt Ion: 92 Resp: 36199
Ion Ratio Lower Upper
92 100
91 170.2 133.5 200.3



#55
1,1,2-Trichloroethane
Concen: 3.399 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.054 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

Tgt Ion: 97 Resp: 9338
Ion Ratio Lower Upper
97 100
83 5.8 68.3 102.5#
85 0.0 44.2 66.2#
99 0.0 50.2 75.4#

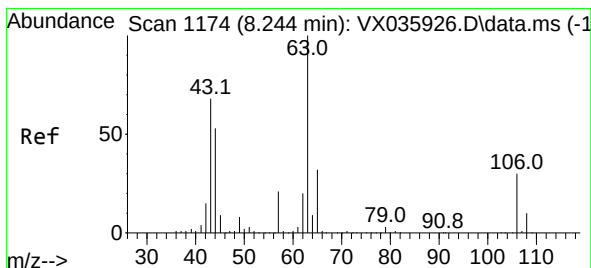
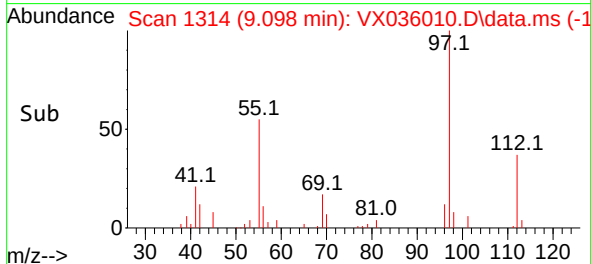
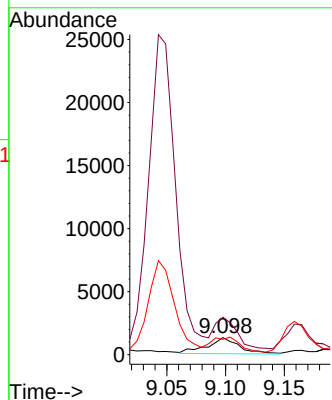
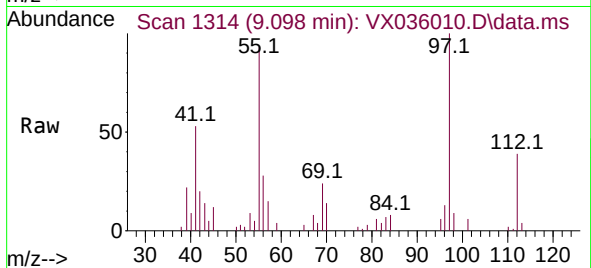




#56
Ethyl methacrylate
Concen: 0.584 ug/l
RT: 9.098 min Scan# 1158
Delta R.T. -0.018 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

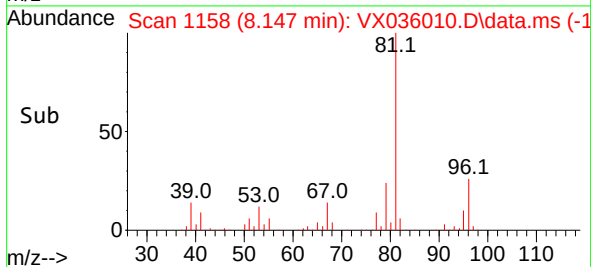
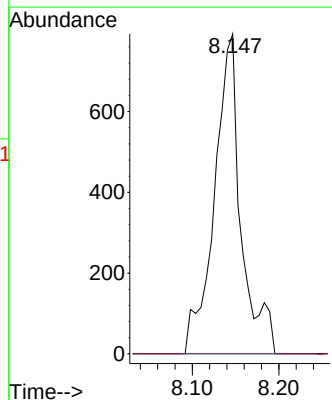
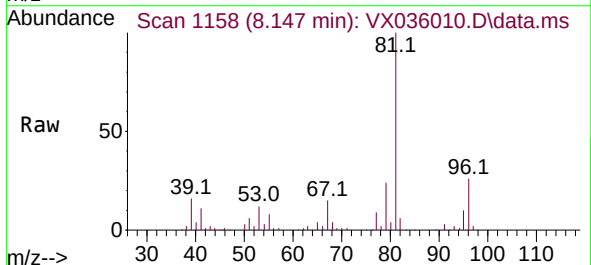
Instrument :
MSVOA_X
ClientSampleId :
MH-289

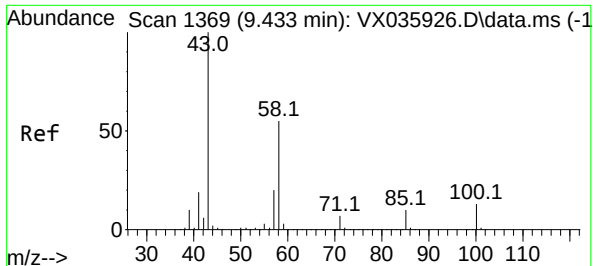
Tgt Ion: 69 Resp: 2398
Ion Ratio Lower Upper
69 100
41 154.4 58.9 88.3#
39 92.2 33.4 50.0#



#58
2-Chloroethyl Vinyl ether
Concen: 0.784 ug/l
RT: 8.147 min Scan# 1158
Delta R.T. -0.097 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

Tgt Ion: 63 Resp: 1688
Ion Ratio Lower Upper
63 100
106 0.0 22.3 33.5#





#59

2-Hexanone

Concen: 0.833 ug/l

RT: 9.579 min Scan# 1393

Delta R.T. 0.146 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

Instrument :

MSVOA_X

ClientSampleId :

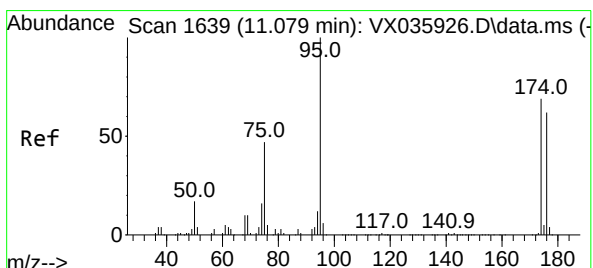
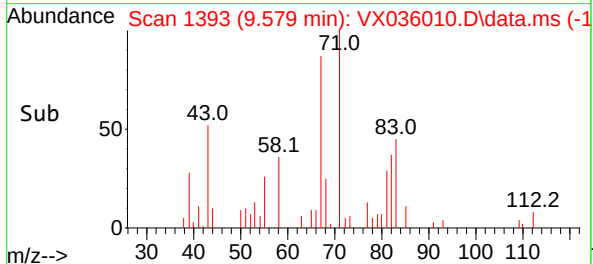
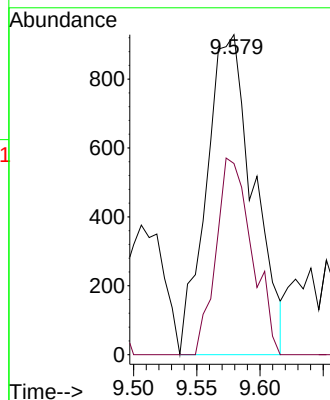
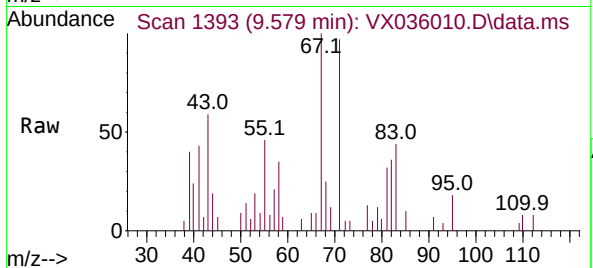
MH-289

Tgt Ion: 43 Resp: 2405

Ion Ratio Lower Upper

43 100

58 46.9 26.3 78.8



#62

4-Bromofluorobenzene

Concen: 48.919 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

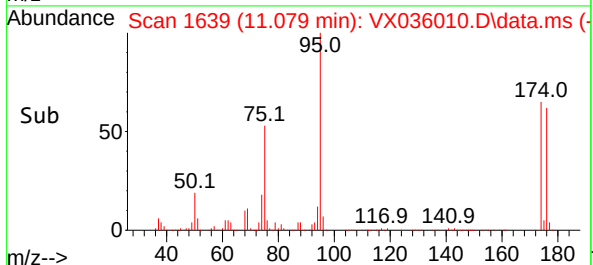
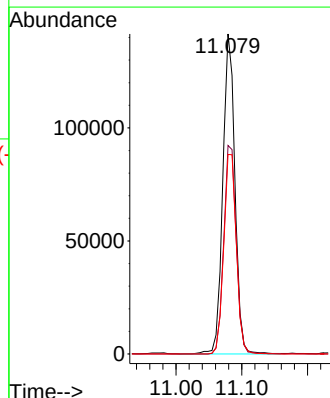
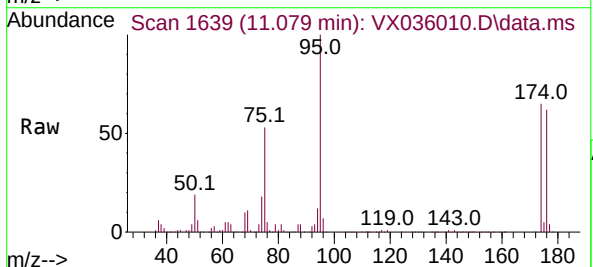
Tgt Ion: 95 Resp: 181662

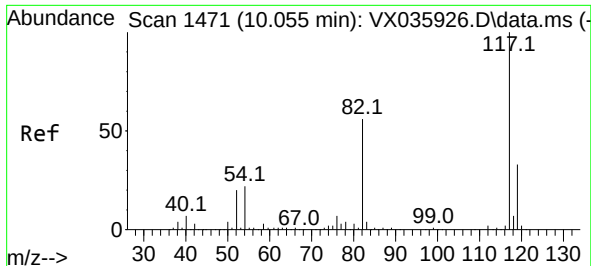
Ion Ratio Lower Upper

95 100

174 66.8 0.0 132.6

176 64.6 0.0 128.0

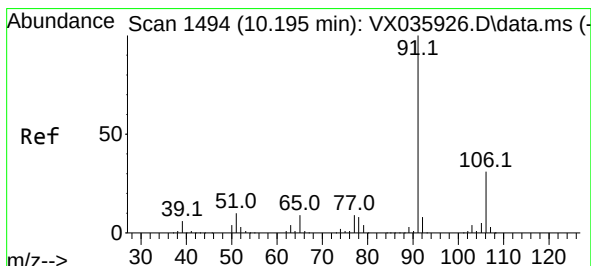
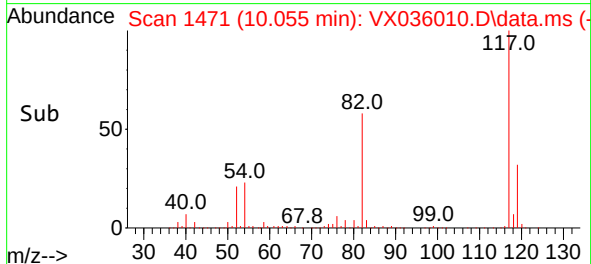
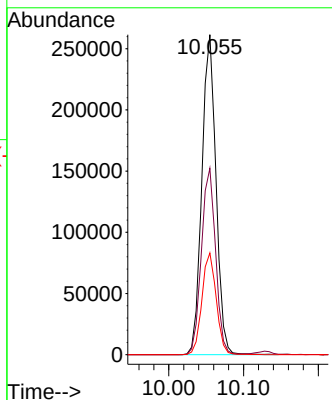
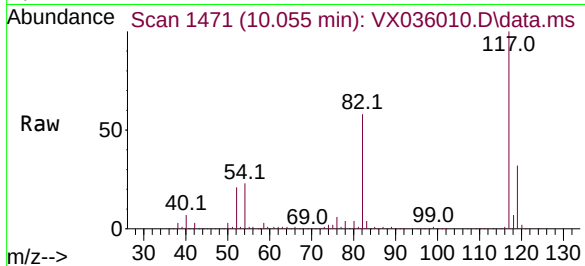




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

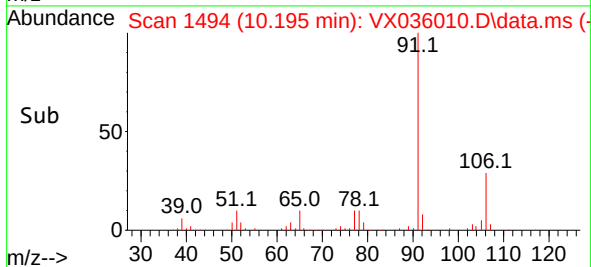
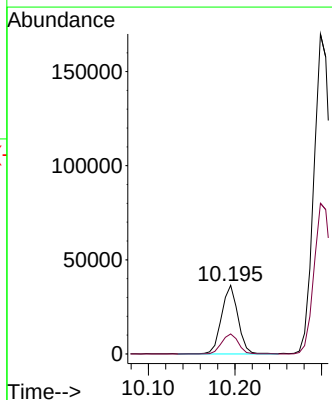
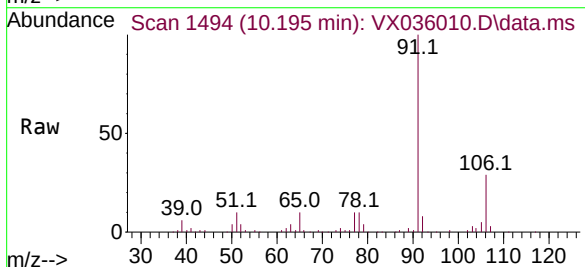
Instrument :
MSVOA_X
ClientSampleId :
MH-289

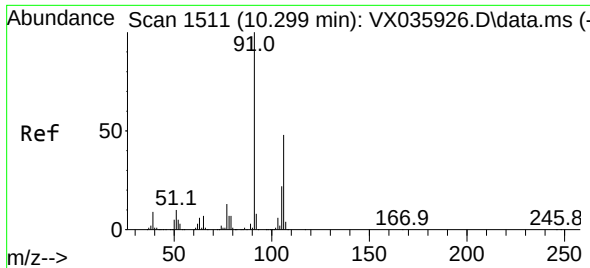
Tgt Ion:117 Resp: 342994
Ion Ratio Lower Upper
117 100
82 58.2 46.6 69.8
119 31.8 25.4 38.2



#67
Ethyl Benzene
Concen: 3.875 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

Tgt Ion: 91 Resp: 47730
Ion Ratio Lower Upper
91 100
106 29.1 24.6 37.0

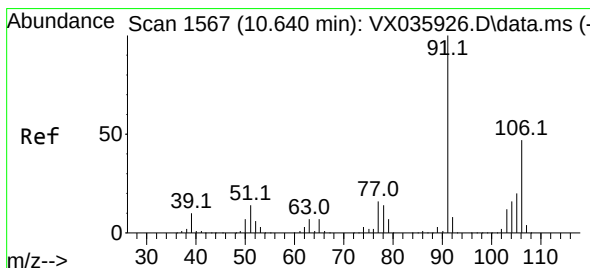
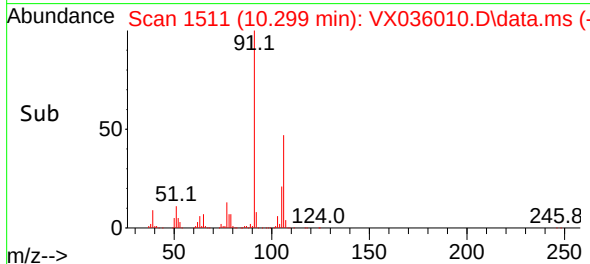
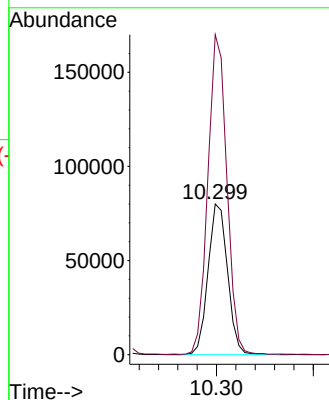
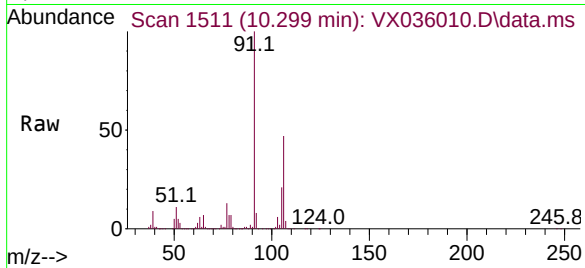




#68
m/p-Xylenes
Concen: 23.930 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

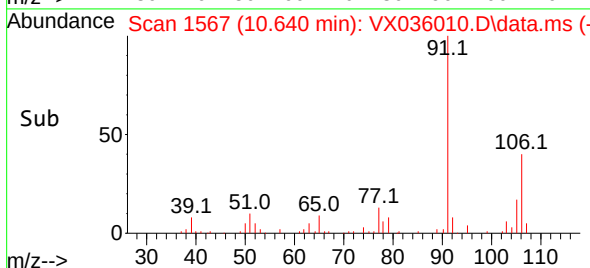
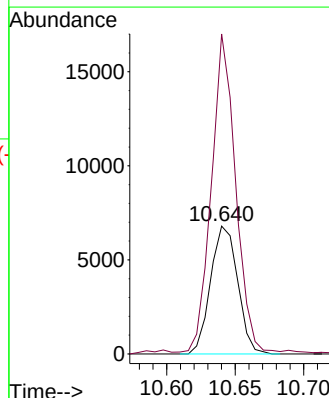
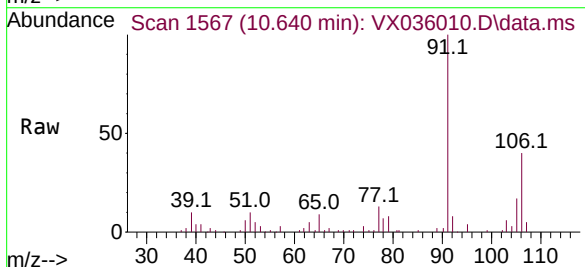
Instrument :
MSVOA_X
ClientSampleId :
MH-289

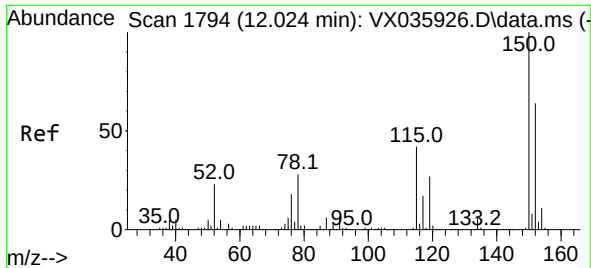
Tgt Ion:106 Resp: 111823
Ion Ratio Lower Upper
106 100
91 206.8 169.8 254.8



#69
o-Xylene
Concen: 1.986 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

Tgt Ion:106 Resp: 9328
Ion Ratio Lower Upper
106 100
91 223.3 112.5 337.4

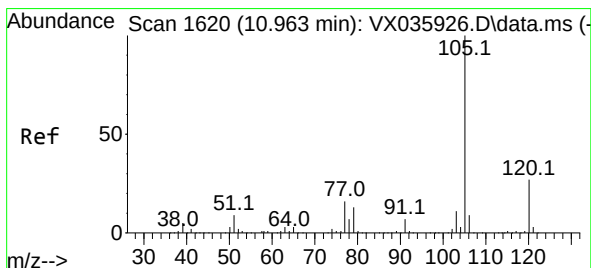
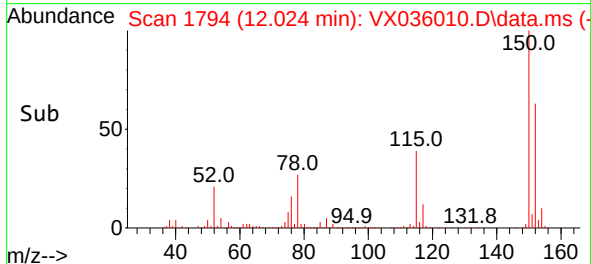
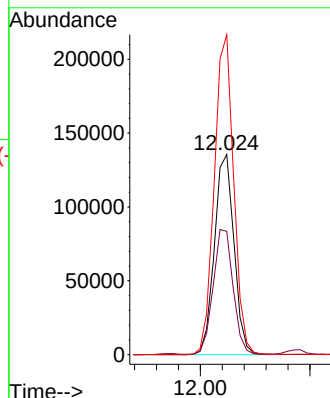
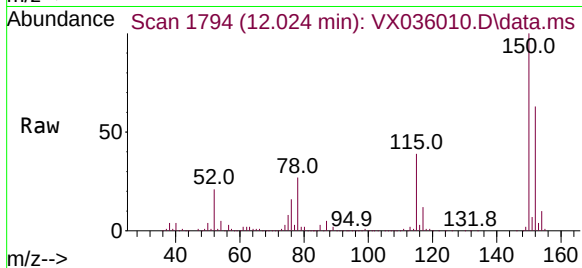




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

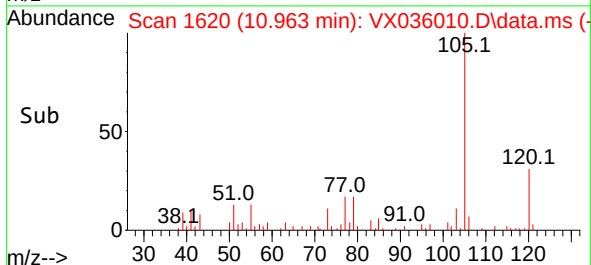
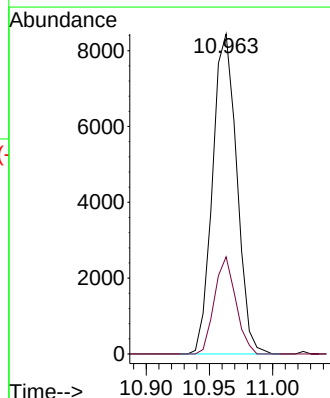
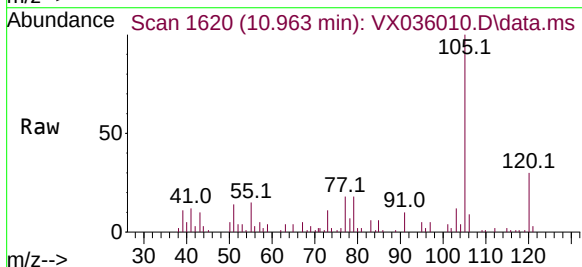
Instrument :
MSVOA_X
ClientSampleId :
MH-289

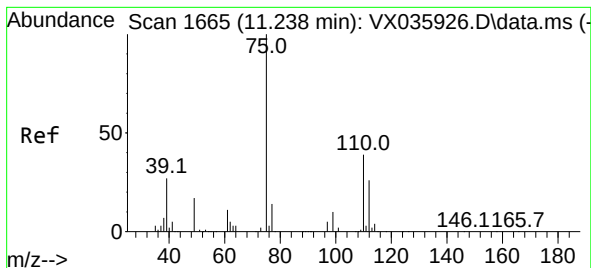
Tgt Ion:152 Resp: 168523
Ion Ratio Lower Upper
152 100
115 63.2 45.5 136.5
150 157.8 0.0 345.2



#73
Isopropylbenzene
Concen: 0.918 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

Tgt Ion:105 Resp: 11238
Ion Ratio Lower Upper
105 100
120 26.7 12.7 38.0





#76

1,2,3-Trichloropropane

Concen: 24.739 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

Instrument :

MSVOA_X

ClientSampleId :

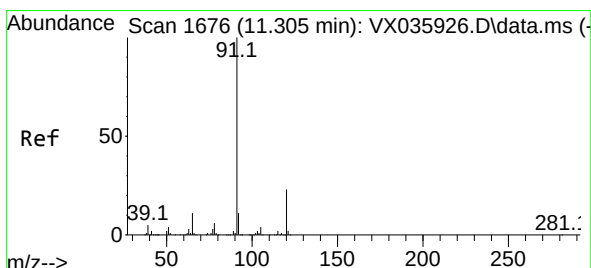
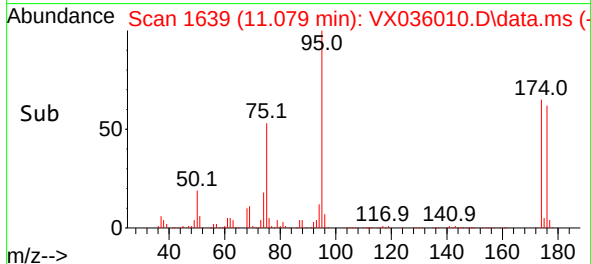
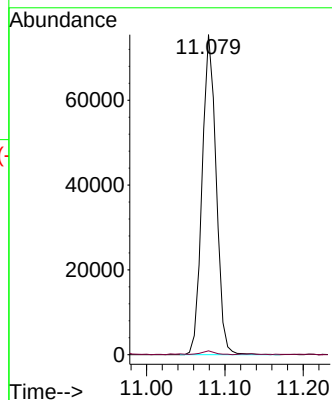
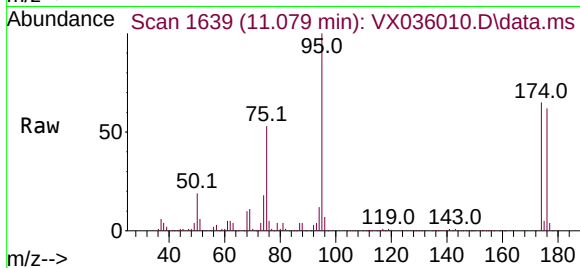
MH-289

Tgt Ion: 75 Resp: 94030

Ion Ratio Lower Upper

75 100

77 1.1 21.4 64.2#



#78

n-propylbenzene

Concen: 1.042 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036010.D

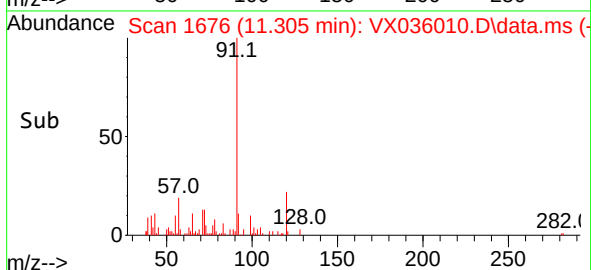
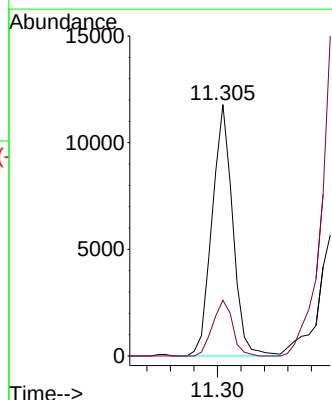
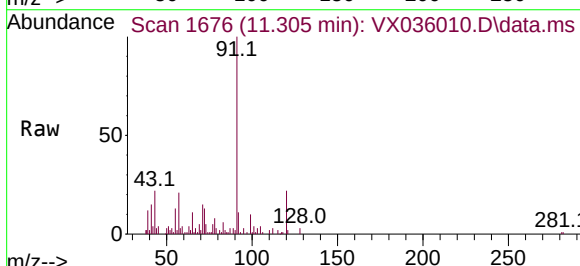
Acq: 05 Jun 2023 18:03

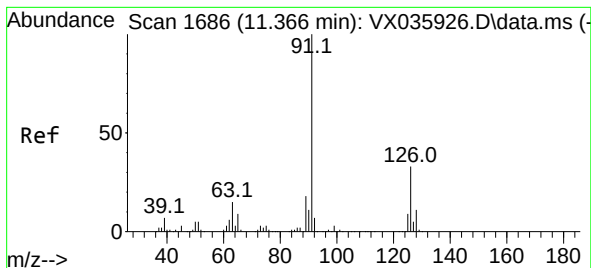
Tgt Ion: 91 Resp: 14409

Ion Ratio Lower Upper

91 100

120 21.3 10.9 32.9





#79

2-Chlorotoluene

Concen: 0.986 ug/l

RT: 11.396 min Scan# 1691

Delta R.T. 0.031 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

Instrument :

MSVOA_X

ClientSampleId :

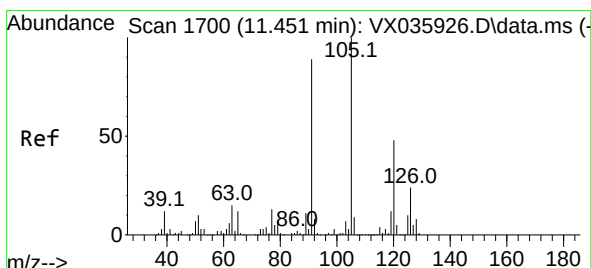
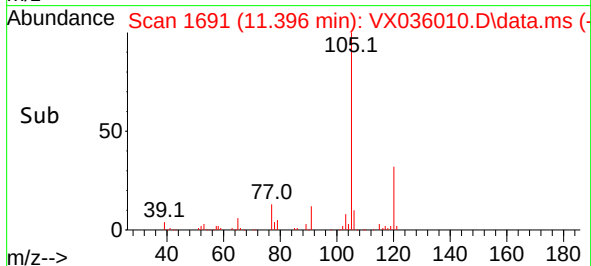
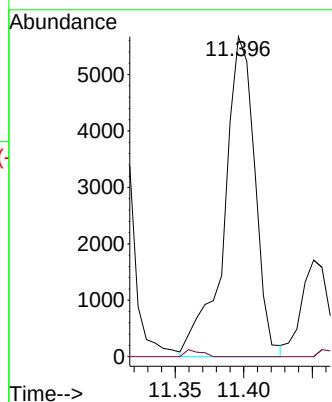
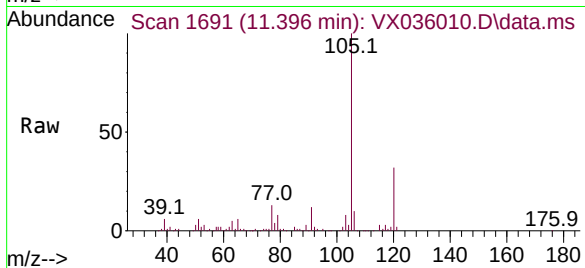
MH-289

Tgt Ion: 91 Resp: 8880

Ion Ratio Lower Upper

91 100

126 0.0 15.8 47.4#



#80

1,3,5-Trimethylbenzene

Concen: 6.638 ug/l

RT: 11.396 min Scan# 1691

Delta R.T. -0.055 min

Lab File: VX036010.D

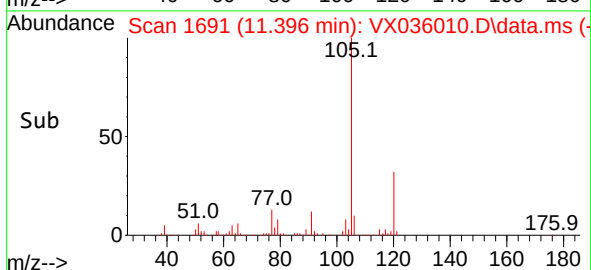
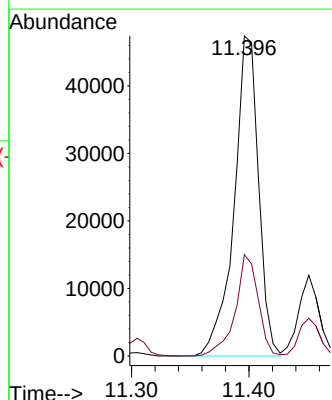
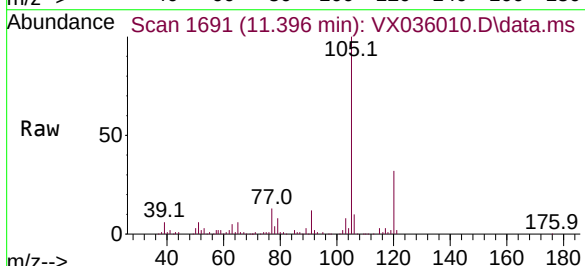
Acq: 05 Jun 2023 18:03

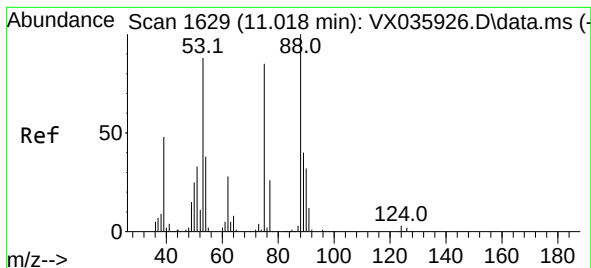
Tgt Ion:105 Resp: 68542

Ion Ratio Lower Upper

105 100

120 29.6 23.8 71.4

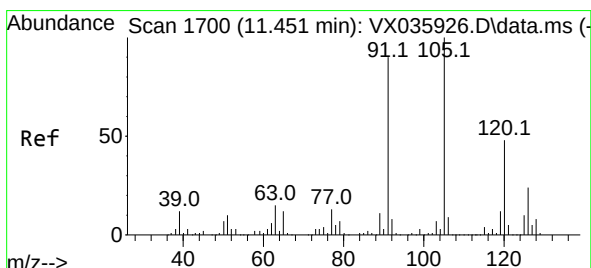
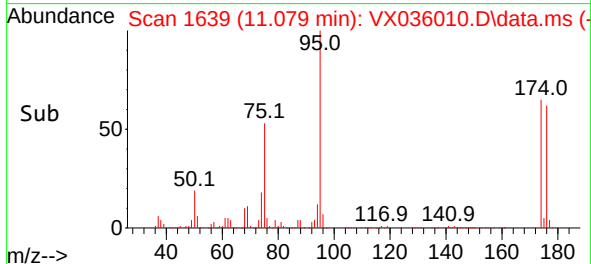
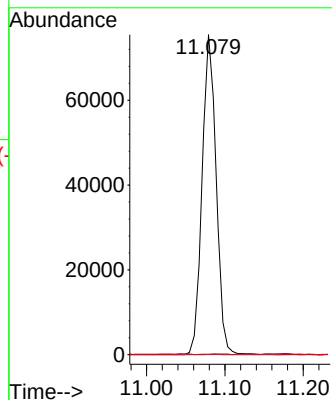
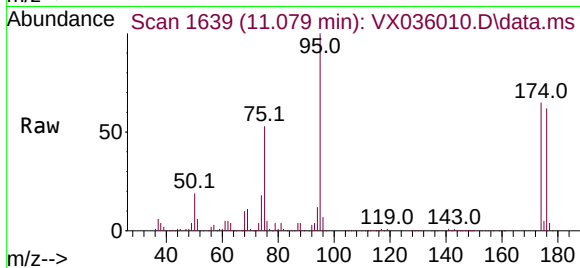




#81
trans-1,4-Dichloro-2-butene
Concen: 83.328 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

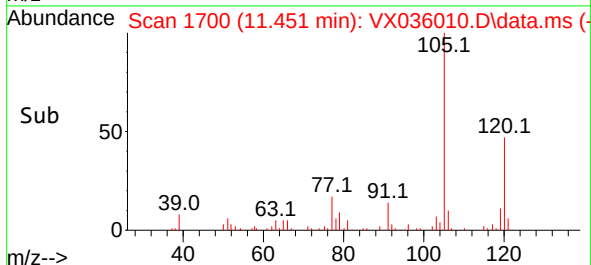
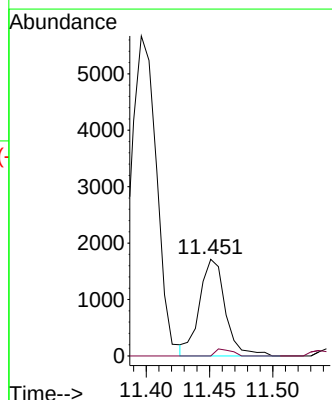
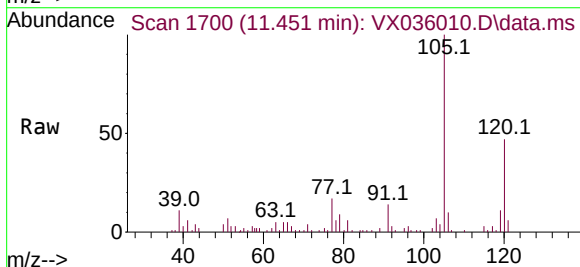
Instrument :
MSVOA_X
ClientSampleId :
MH-289

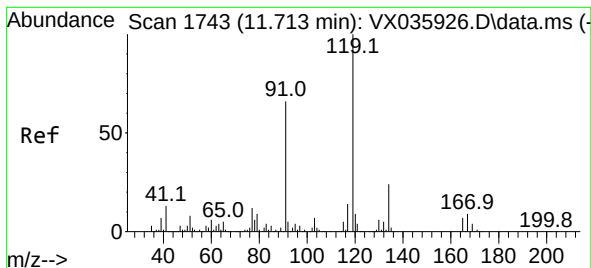
Tgt Ion: 75 Resp: 94030
Ion Ratio Lower Upper
75 100
53 0.3 95.2 142.8#
89 0.1 38.0 57.0#



#82
4-Chlorotoluene
Concen: 0.236 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

Tgt Ion: 91 Resp: 2438
Ion Ratio Lower Upper
91 100
126 4.5 13.7 41.0#





#83

tert-Butylbenzene

Concen: 7.144 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.037 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

Instrument :

MSVOA_X

ClientSampleId :

MH-289

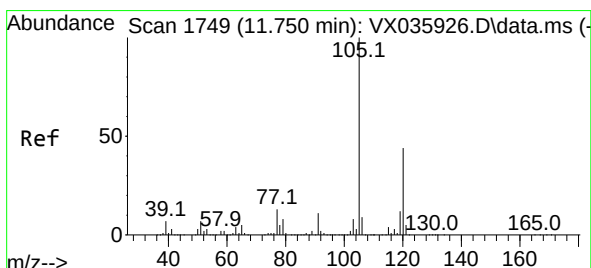
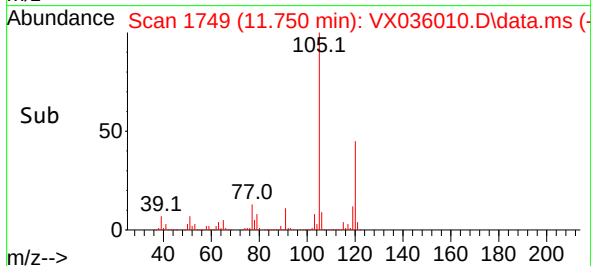
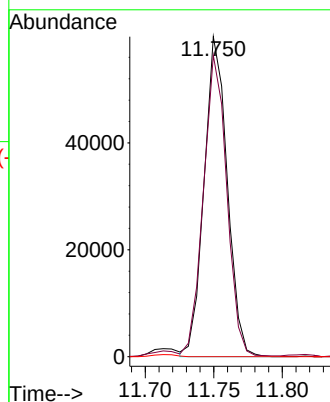
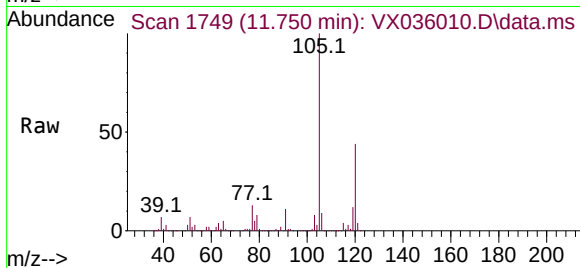
Tgt Ion:119 Resp: 70474

Ion Ratio Lower Upper

119 100

91 97.4 32.4 97.0#

134 0.0 11.6 34.8#



#84

1,2,4-Trimethylbenzene

Concen: 56.885 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036010.D

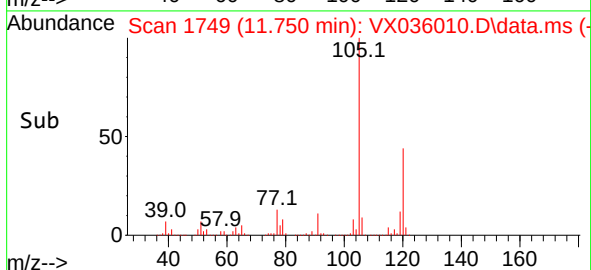
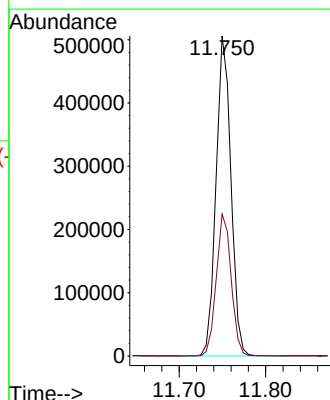
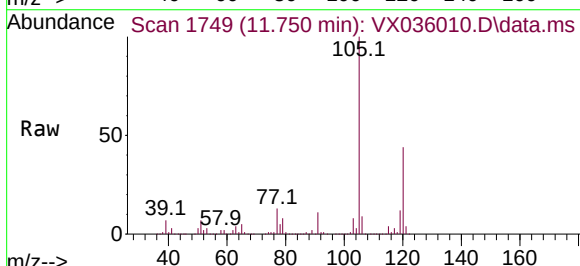
Acq: 05 Jun 2023 18:03

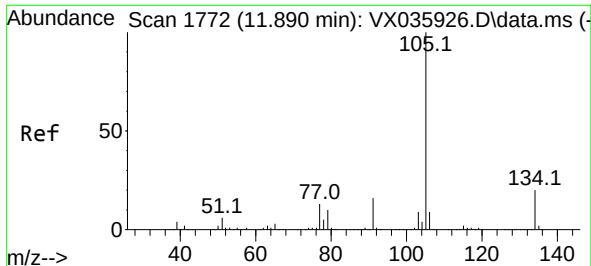
Tgt Ion:105 Resp: 602768

Ion Ratio Lower Upper

105 100

120 44.5 21.6 64.8

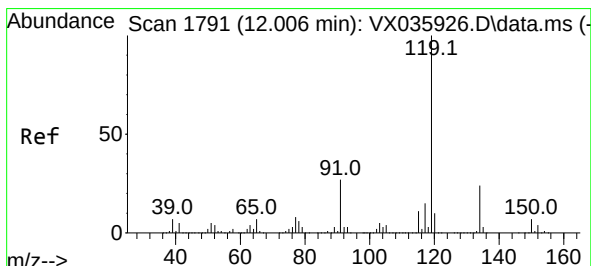
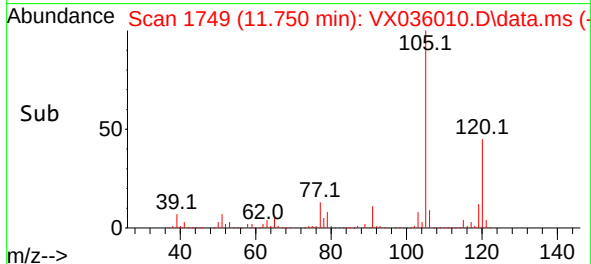
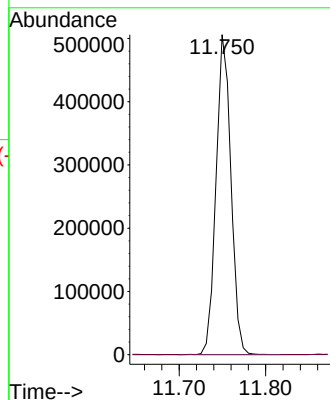
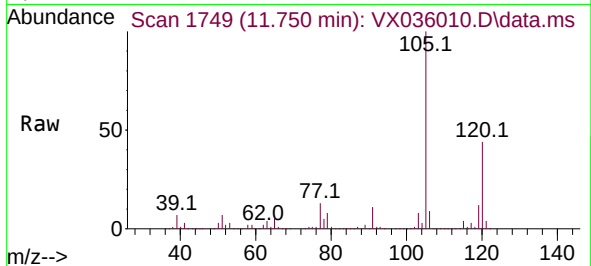




#85
 sec-Butylbenzene
 Concen: 51.518 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.140 min
 Lab File: VX036010.D
 Acq: 05 Jun 2023 18:03

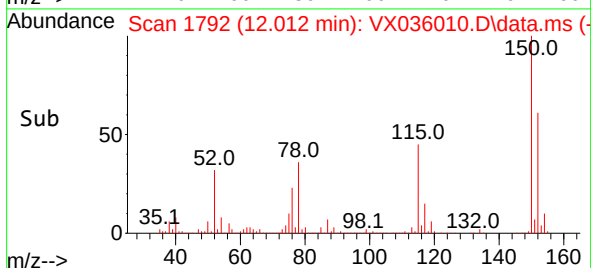
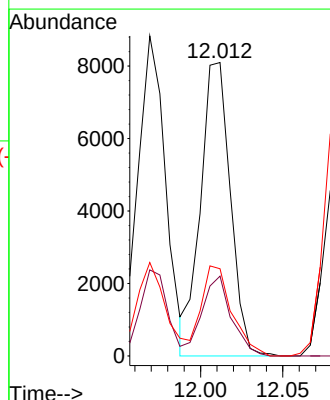
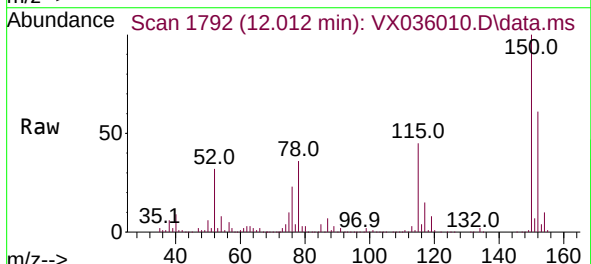
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-289

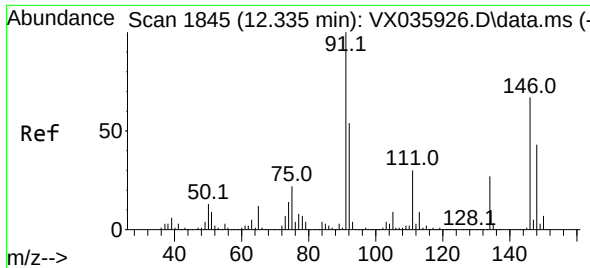
Tgt Ion:105 Resp: 602768
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 28.9#



#86
 p-Isopropyltoluene
 Concen: 1.023 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX036010.D
 Acq: 05 Jun 2023 18:03

Tgt Ion:119 Resp: 10238
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.7 38.1
 91 0.0 13.5 40.5#

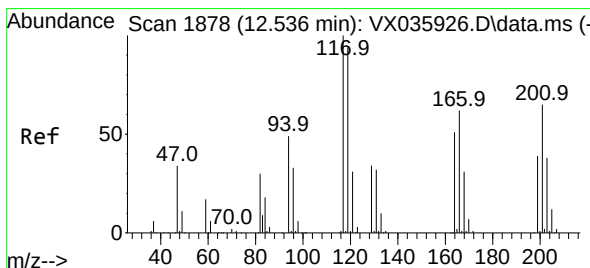
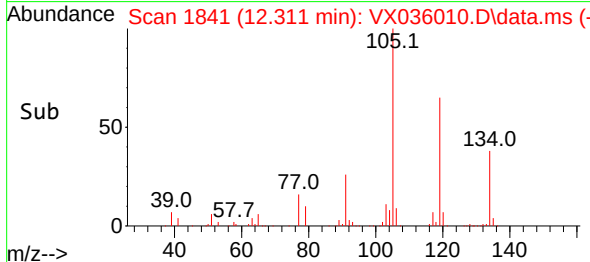
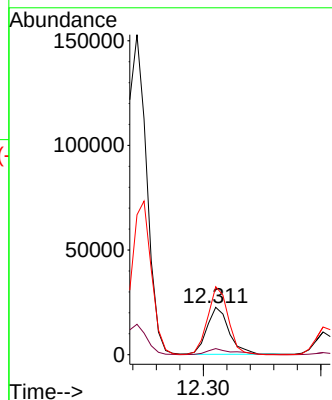
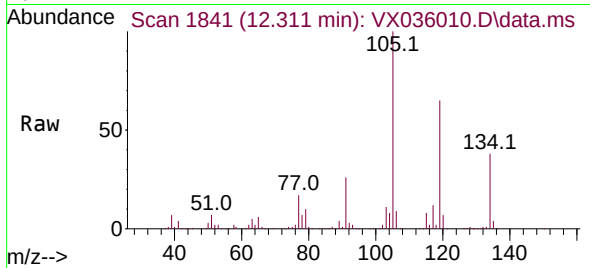




#89
n-Butylbenzene
Concen: 3.467 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.024 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

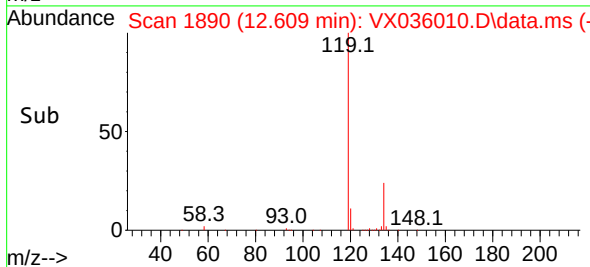
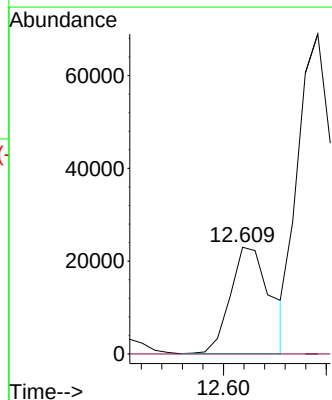
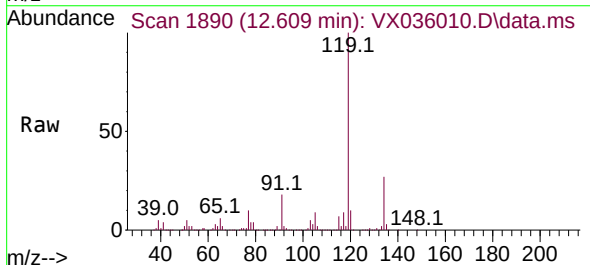
Instrument :
MSVOA_X
ClientSampleId :
MH-289

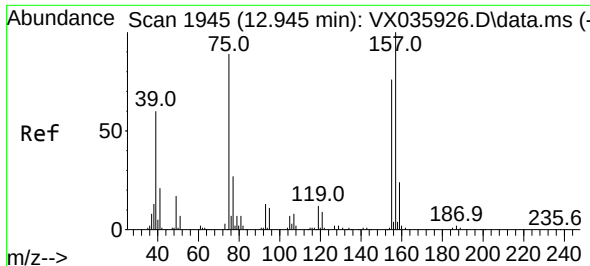
Tgt Ion: 91 Resp: 29301
Ion Ratio Lower Upper
91 100
92 15.7 27.3 81.8#
134 135.0 12.4 37.0#



#90
Hexachloroethane
Concen: 19.666 ug/l
RT: 12.609 min Scan# 1890
Delta R.T. 0.073 min
Lab File: VX036010.D
Acq: 05 Jun 2023 18:03

Tgt Ion: 117 Resp: 31196
Ion Ratio Lower Upper
117 100
201 0.0 32.7 98.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.339 ug/l

RT: 12.963 min Scan# 1945

Delta R.T. 0.019 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

Instrument :

MSVOA_X

ClientSampleId :

MH-289

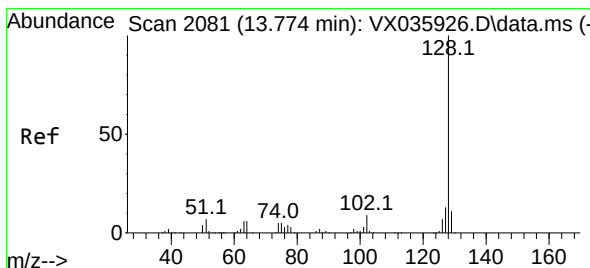
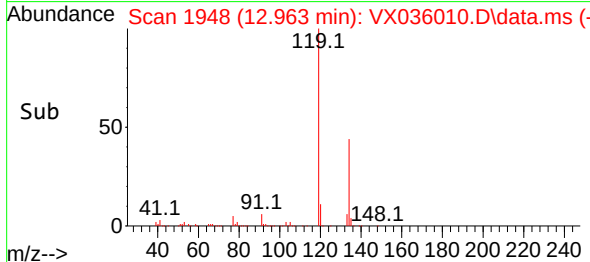
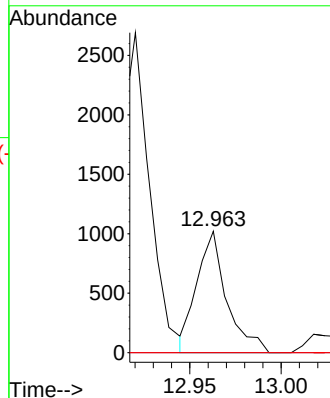
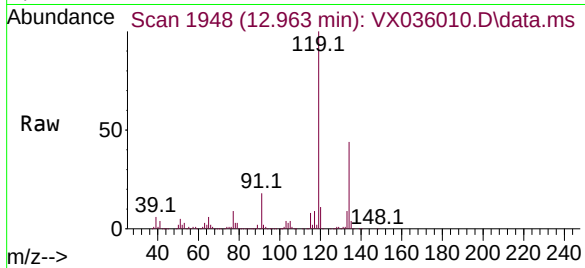
Tgt Ion: 75 Resp: 1158

Ion Ratio Lower Upper

75 100

155 0.0 35.3 105.7#

157 0.0 45.6 136.8#



#95

Naphthalene

Concen: 7.738 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036010.D

Acq: 05 Jun 2023 18:03

Tgt Ion: 128 Resp: 86548

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 13.2 8.7 13.1#

