

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
 Data File : VX036318.D
 Acq On : 24 Jun 2023 17:48
 Operator : JC/MD
 Sample : 03379-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 230621028-02-VOA

Quant Time: Jun 26 03:27:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	194112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	333275	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	296134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131823	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163057	58.602	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 117.200%#	
35) Dibromofluoromethane	5.385	113	123457	56.180	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.360%	
50) Toluene-d8	8.647	98	477024	58.119	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 116.240%#	
62) 4-Bromofluorobenzene	11.079	95	161250	55.776	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.560%	

Target Compounds			Qvalue			
8) Diethyl Ether	2.136	74	1798	0.879	ug/l #	1
11) Tert butyl alcohol	2.995	59	1517394	2995.923	ug/l #	91
12) 1,1-Dichloroethene	2.325	96	447	0.203	ug/l #	68
13) Acrolein	2.239	56	321	0.461	ug/l #	14
14) Allyl chloride	2.678	41	12028	3.355	ug/l #	24
15) Acrylonitrile	2.995	53	15973	12.442	ug/l #	22
16) Acetone	2.392	43	684919	575.900	ug/l	94
17) Carbon Disulfide	2.514	76	11193	2.066	ug/l	97
18) Methyl Acetate	2.703	43	9022	1.845	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	4756	0.667	ug/l #	1
25) 2-Butanone	4.562	43	1035748	606.130	ug/l	97
26) 2,2-Dichloropropane	4.580	77	69919	23.286	ug/l #	54
27) cis-1,2-Dichloroethene	4.495	96	1205	0.456	ug/l	74
29) Tetrahydrofuran	5.013	42	253018	232.570	ug/l	96
37) Ethyl Acetate	4.562	43	1035748	310.232	ug/l #	75
38) Carbon Tetrachloride	5.550	117	19817	6.624	ug/l #	16
40) Benzene	6.037	78	21169	2.313	ug/l	96
41) Methacrylonitrile	5.013	41	163305	88.173	ug/l #	48
42) 1,2-Dichloroethane	6.086	62	1505	0.432	ug/l	96
43) Isopropyl Acetate	6.336	43	2075	0.390	ug/l #	70
49) 1,4-Dioxane	7.720	88	5135	87.226	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	38476	11.213	ug/l	100
52) Toluene	8.720	92	27339	4.714	ug/l	97
55) 1,1,2-Trichloroethane	9.080	97	543	0.225	ug/l #	27
59) 2-Hexanone	9.433	43	8389	3.348	ug/l	94
65) Chlorobenzene	10.079	112	3749	0.602	ug/l	96
67) Ethyl Benzene	10.195	91	36807	3.326	ug/l	98
68) m/p-Xylenes	10.299	106	15562	3.619	ug/l	96
69) o-Xylene	10.640	106	11256	2.711	ug/l	86
70) Styrene	10.653	104	2426	0.357	ug/l #	43
73) Isopropylbenzene	10.963	105	3524	0.355	ug/l	94
74) N-amyl acetate	10.890	43	5139	1.308	ug/l #	59
76) 1,2,3-Trichloropropane	11.079	75	84047	29.891	ug/l #	39
79) 2-Chlorotoluene	11.378	91	1721	0.249	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	3717	0.442	ug/l	88
81) trans-1,4-Dichloro-2-b...	11.079	75	84047	97.436	ug/l #	5

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

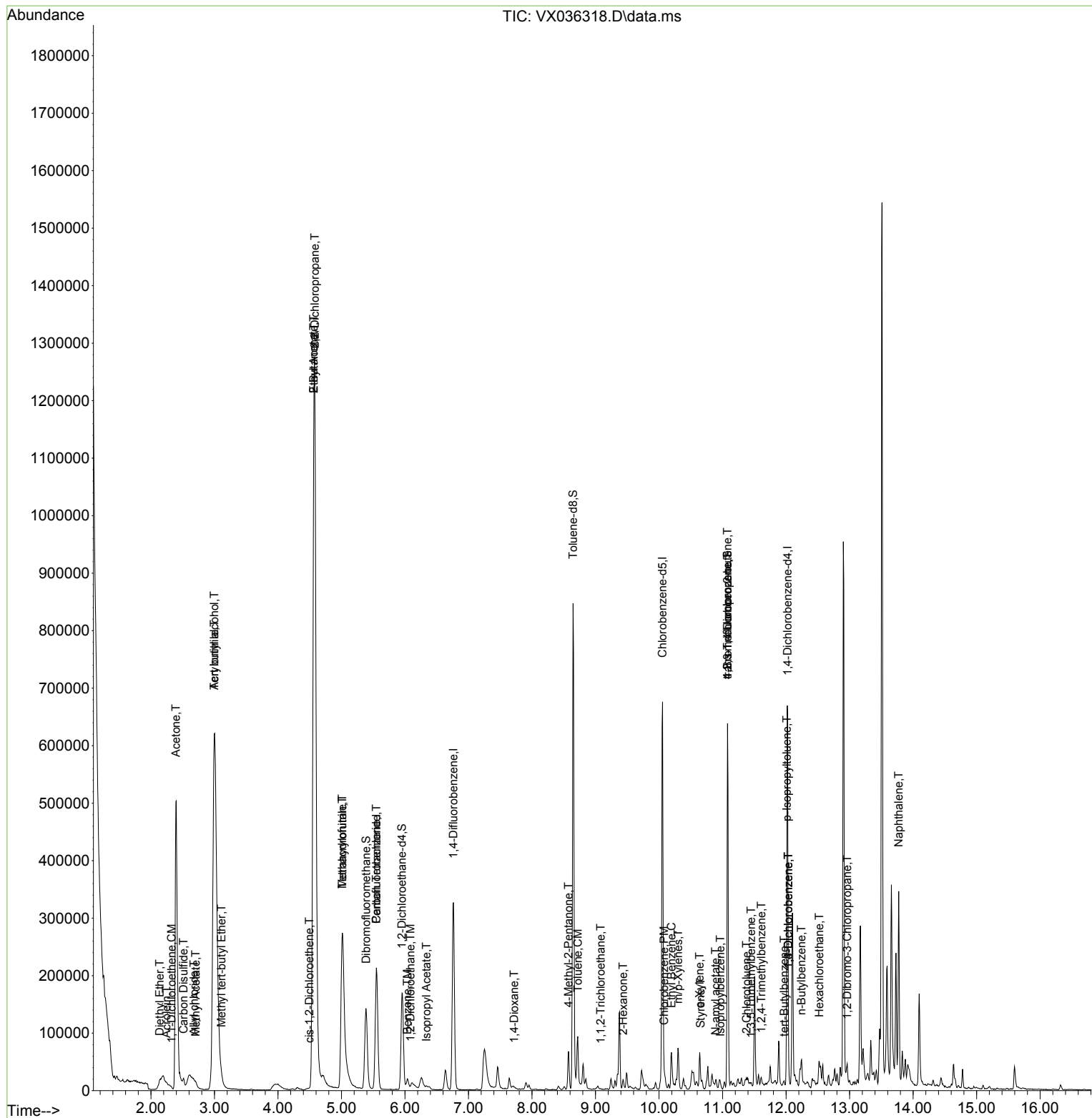
83) tert-Butylbenzene	11.969	119	1730	0.215	ug/l	81
84) 1,2,4-Trimethylbenzene	11.610	105	5647	0.678	ug/l	86
86) p-Isopropyltoluene	12.012	119	4952	0.578	ug/l #	82
87) 1,3-Dichlorobenzene	12.036	146	6927	1.542	ug/l #	76
88) 1,4-Dichlorobenzene	12.036	146	6927	1.515	ug/l #	75
89) n-Butylbenzene	12.244	91	2427	0.318	ug/l	70
90) Hexachloroethane	12.524	117	664	0.511	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.963	75	357	0.559	ug/l #	9
95) Naphthalene	13.774	128	177460	19.720	ug/l	100

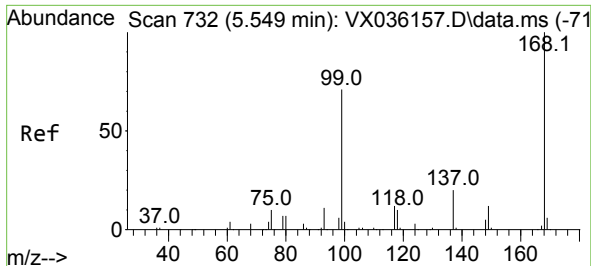
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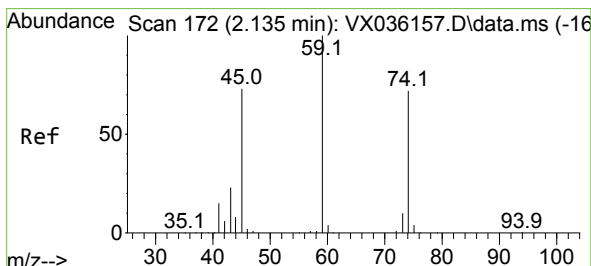
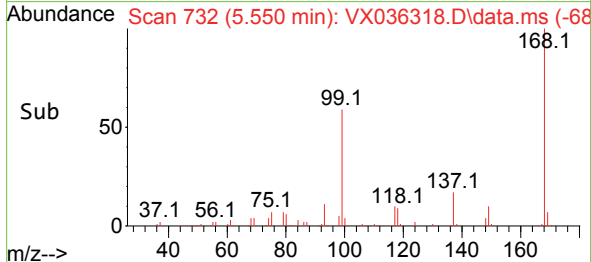
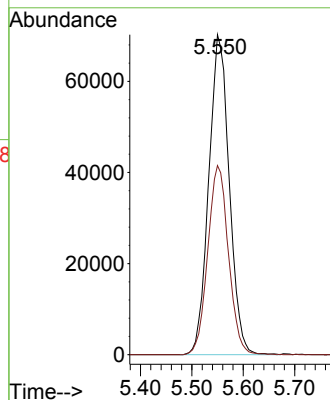
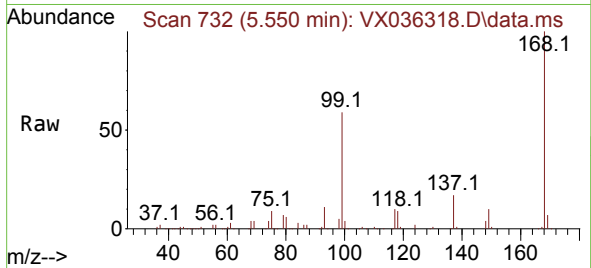




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
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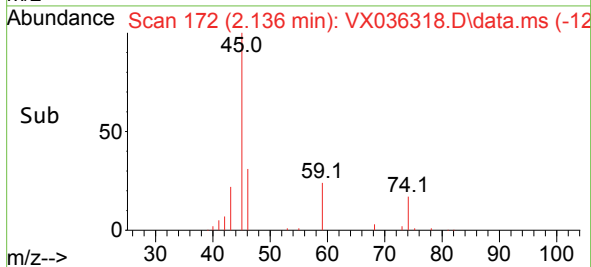
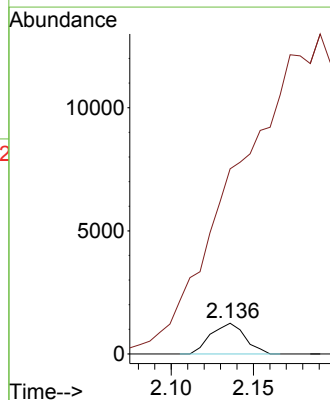
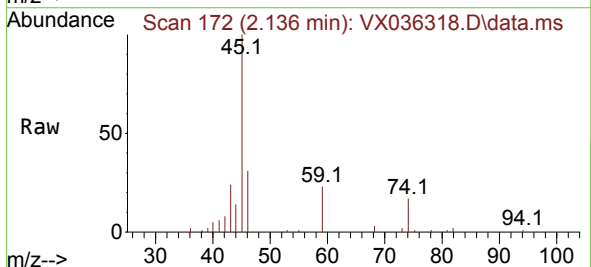
Instrument :
MSVOA_X
ClientSampleId :
230621028-02-VOA

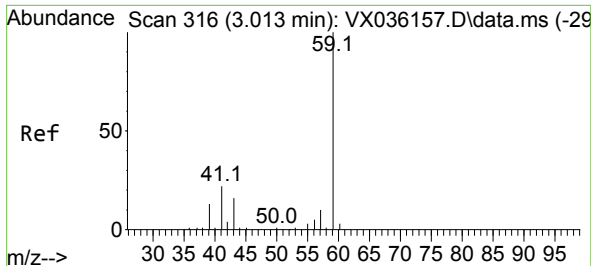
Tgt Ion:168 Resp: 194112
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#8
Diethyl Ether
Concen: 0.879 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.001 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

Tgt Ion: 74 Resp: 1798
Ion Ratio Lower Upper
74 100
45 0.0 53.3 159.8#





#11

Tert butyl alcohol

Concen: 2995.923 ug/l

RT: 2.995 min Scan# 316

Delta R.T. -0.018 min

Lab File: VX036318.D

Acq: 24 Jun 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

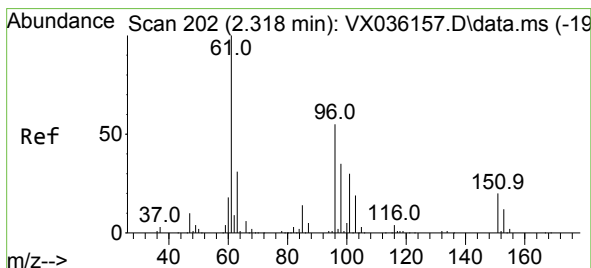
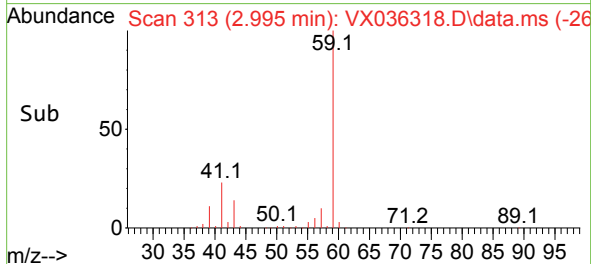
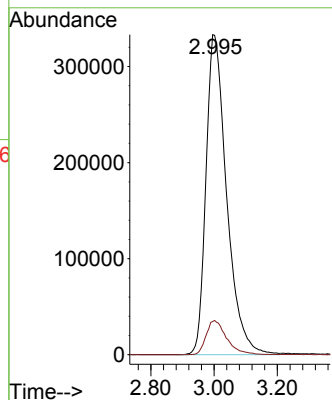
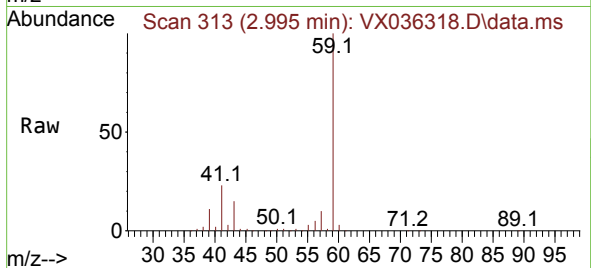
230621028-02-VOA

Tgt Ion: 59 Resp: 1517394

Ion Ratio Lower Upper

59 100

57 10.6 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.203 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.007 min

Lab File: VX036318.D

Acq: 24 Jun 2023 17:48

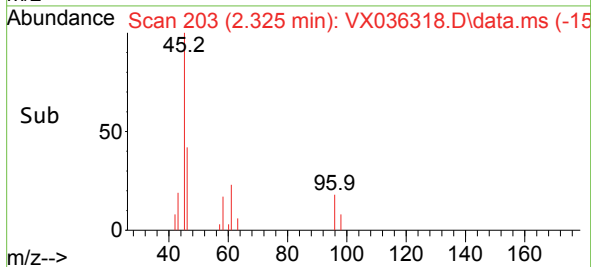
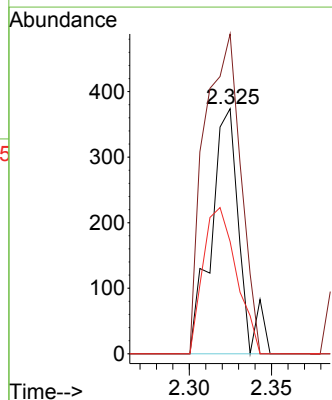
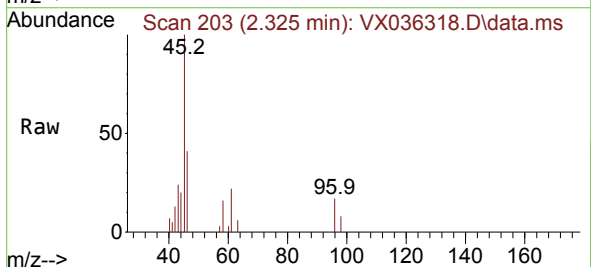
Tgt Ion: 96 Resp: 447

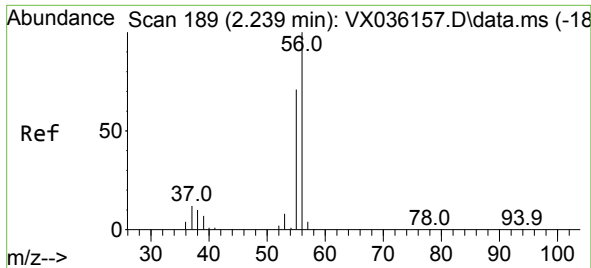
Ion Ratio Lower Upper

96 100

61 130.5 144.6 216.8#

98 45.7 50.4 75.6#

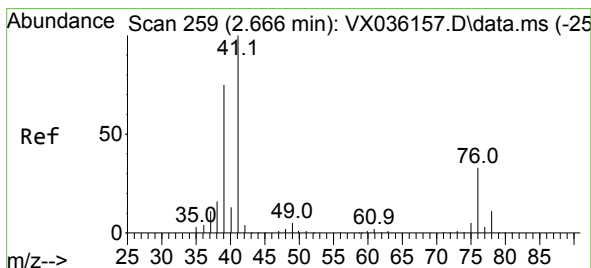
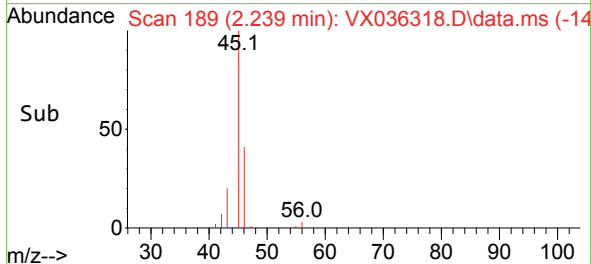
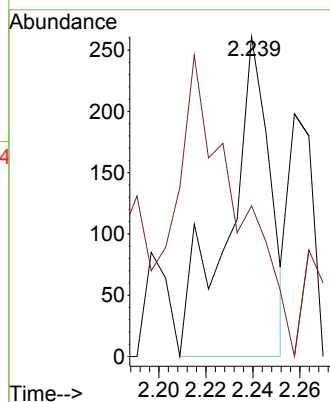
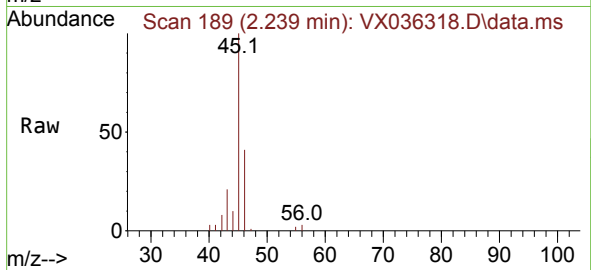




#13
Acrolein
Concen: 0.461 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

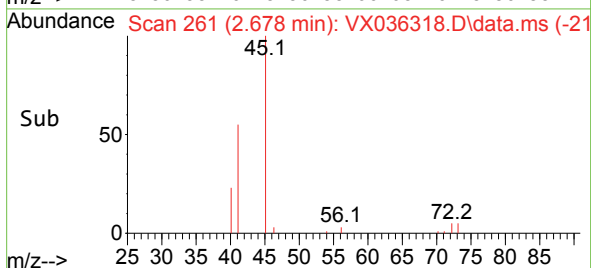
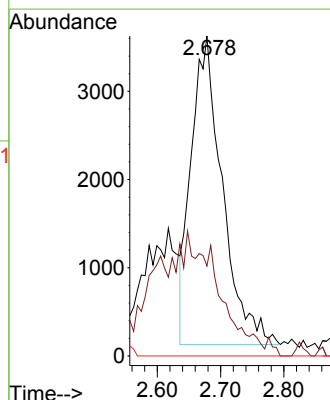
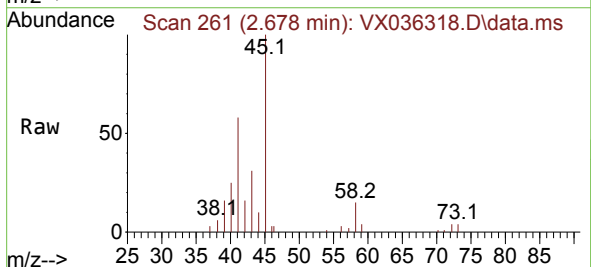
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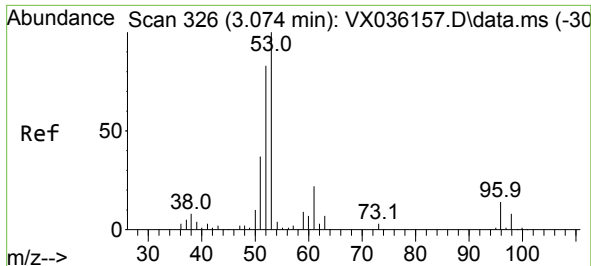
Tgt Ion: 56 Resp: 321
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#14
Allyl chloride
Concen: 3.355 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.012 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

Tgt Ion: 41 Resp: 12028
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
76 0.0 24.3 36.5#

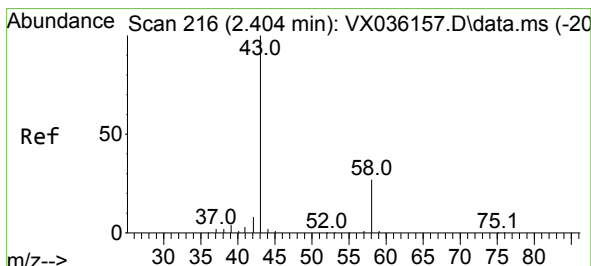
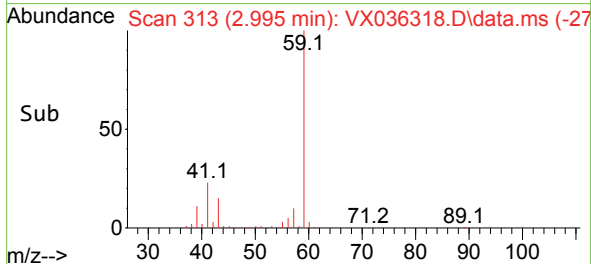
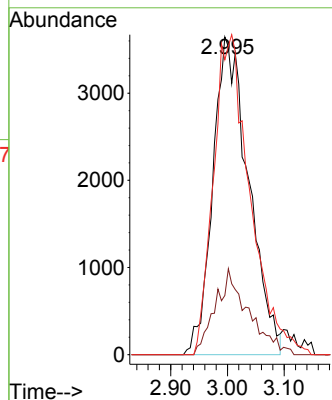
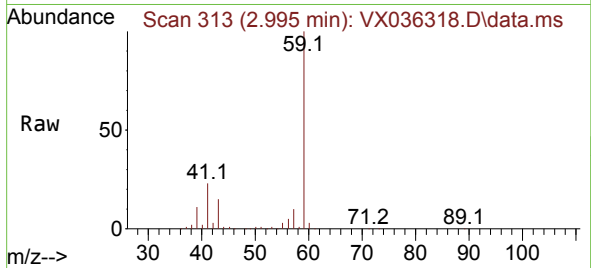




#15
Acrylonitrile
Concen: 12.442 ug/l
RT: 2.995 min Scan# 31
Delta R.T. -0.079 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

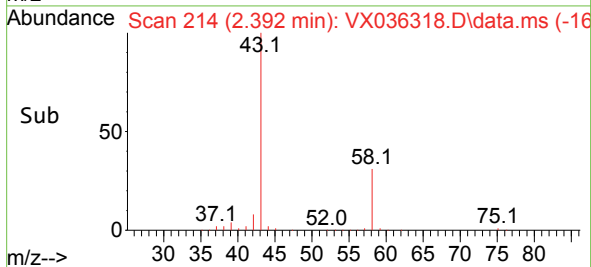
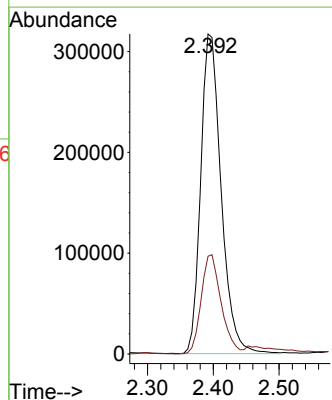
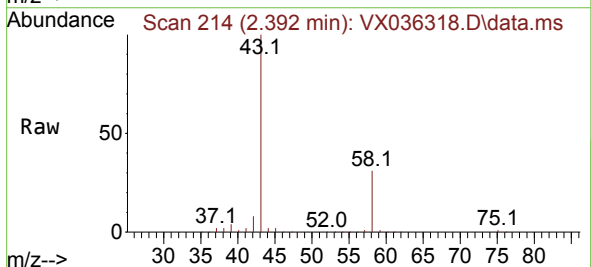
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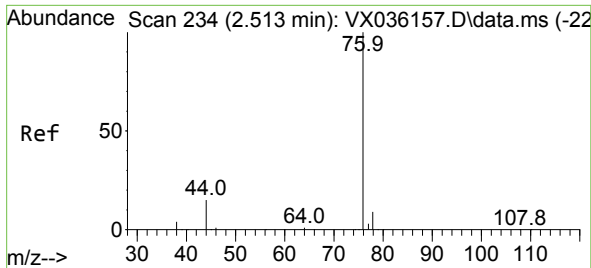
Tgt Ion: 53 Resp: 15973
Ion Ratio Lower Upper
53 100
52 25.1 66.0 99.0#
51 102.7 29.8 44.6#



#16
Acetone
Concen: 575.900 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

Tgt Ion: 43 Resp: 684919
Ion Ratio Lower Upper
43 100
58 30.5 21.9 32.9

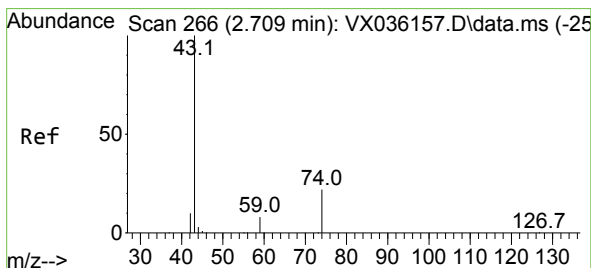
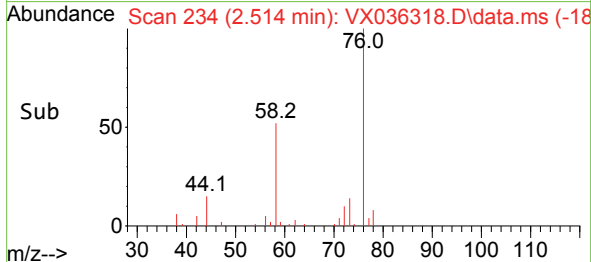
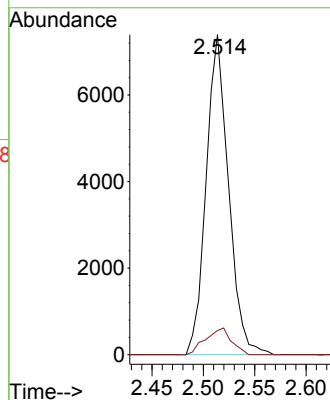
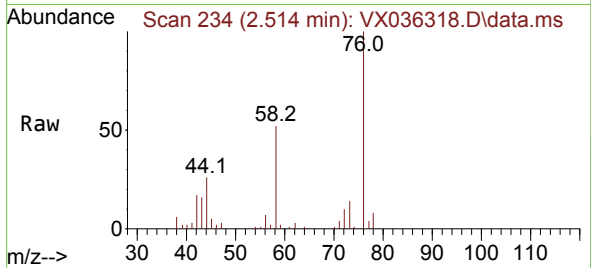




#17
Carbon Disulfide
Concen: 2.066 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

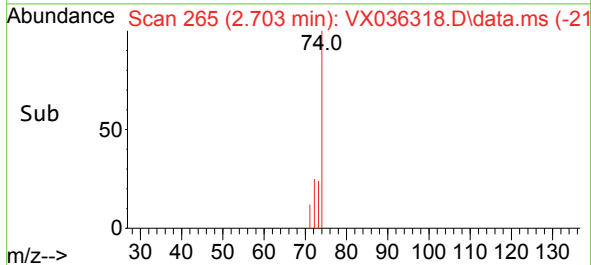
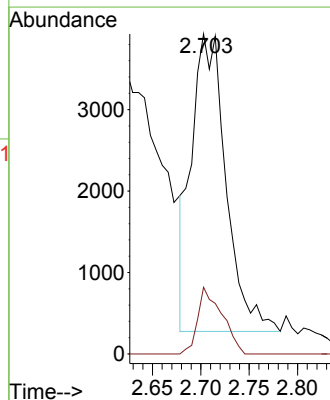
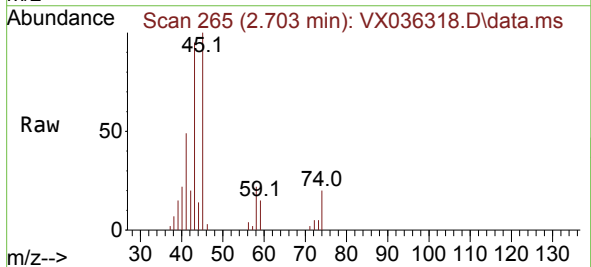
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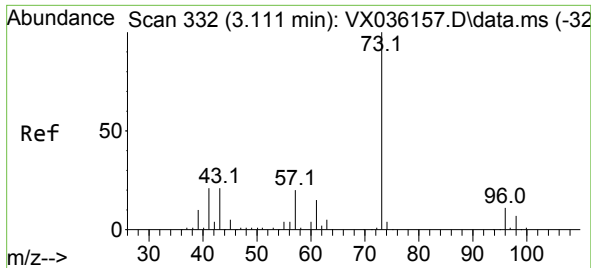
Tgt Ion: 76 Resp: 11193
Ion Ratio Lower Upper
76 100
78 7.5 7.0 10.6



#18
Methyl Acetate
Concen: 1.845 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

Tgt Ion: 43 Resp: 9022
Ion Ratio Lower Upper
43 100
74 15.9 17.8 26.8#

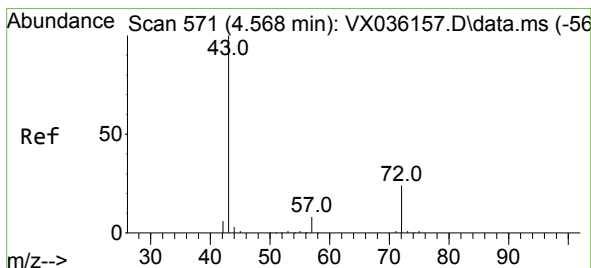
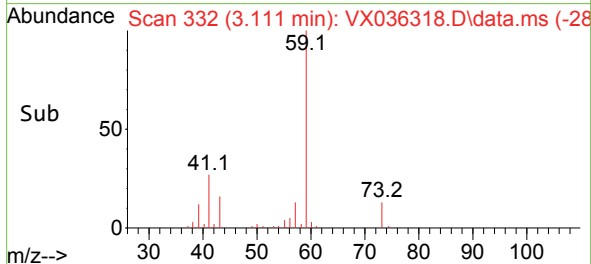
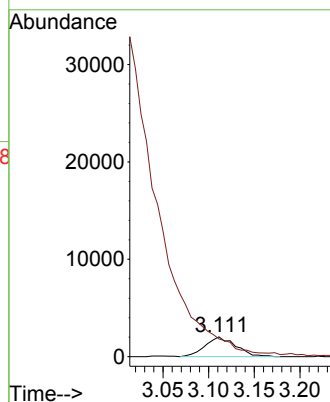
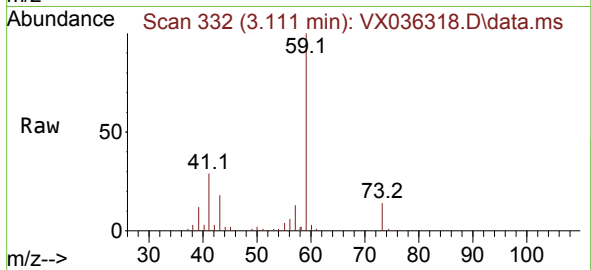




#19
Methyl tert-butyl Ether
Concen: 0.667 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

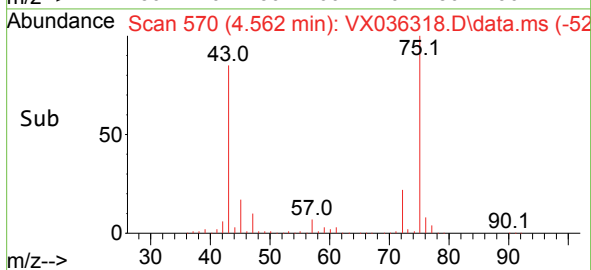
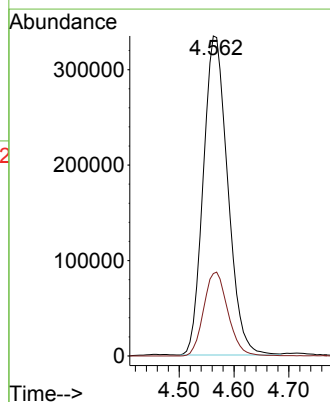
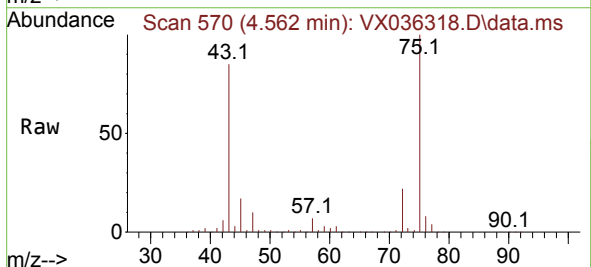
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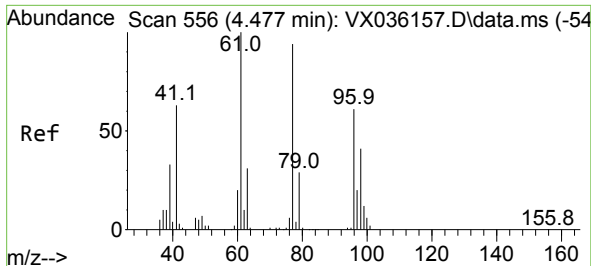
Tgt Ion: 73 Resp: 4756
Ion Ratio Lower Upper
73 100
57 78.9 17.3 25.9#



#25
2-Butanone
Concen: 606.130 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

Tgt Ion: 43 Resp: 1035748
Ion Ratio Lower Upper
43 100
72 25.8 19.4 29.2

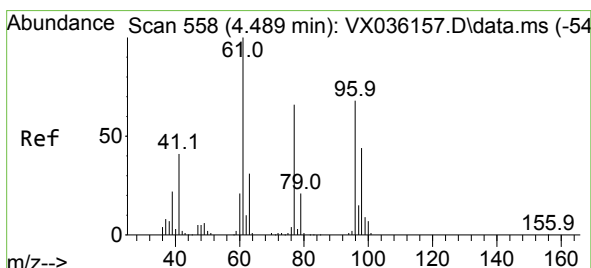
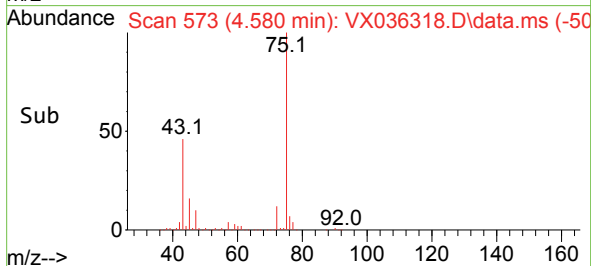
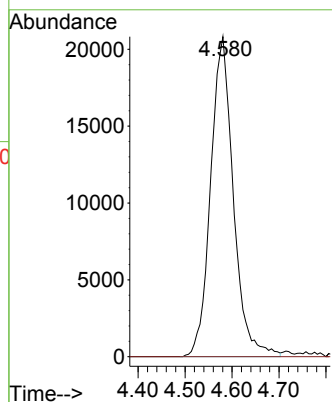
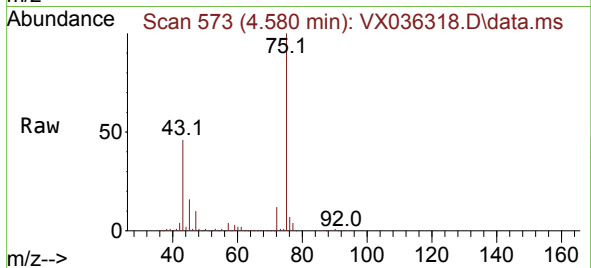




#26
2,2-Dichloropropane
Concen: 23.286 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.103 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

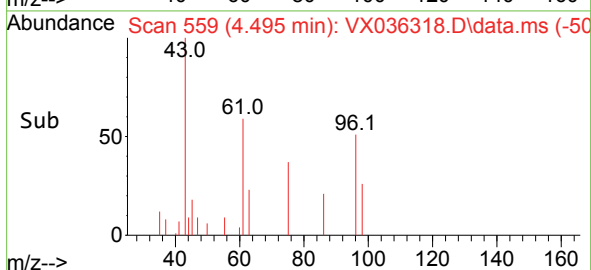
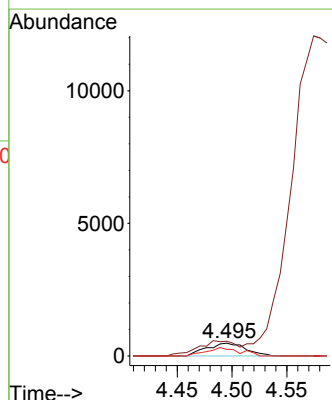
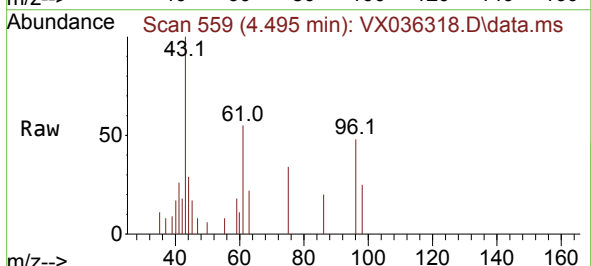
Instrument :
MSVOA_X
ClientSampleId :
230621028-02-VOA

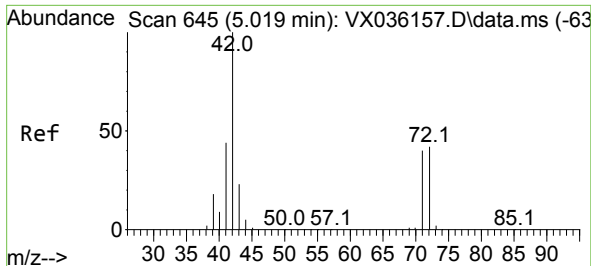
Tgt Ion: 77 Resp: 69919
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#27
cis-1,2-Dichloroethene
Concen: 0.456 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

Tgt Ion: 96 Resp: 1205
Ion Ratio Lower Upper
96 100
61 114.9 0.0 312.2
98 55.1 0.0 129.0





#29

Tetrahydrofuran

Concen: 232.570 ug/l

RT: 5.013 min Scan# 645

Delta R.T. -0.006 min

Lab File: VX036318.D

Acq: 24 Jun 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

230621028-02-VOA

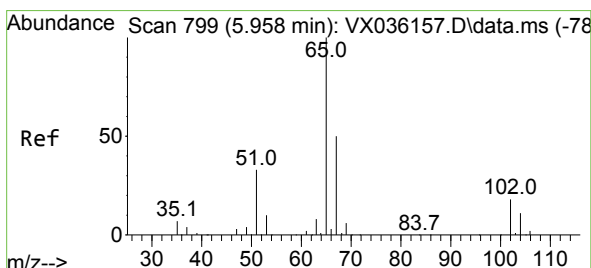
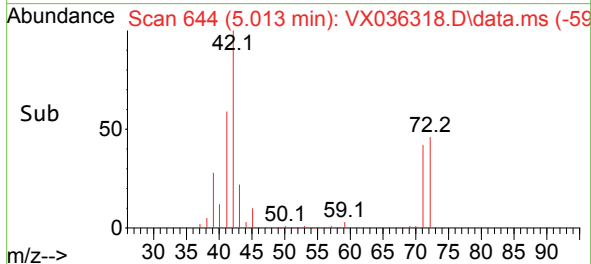
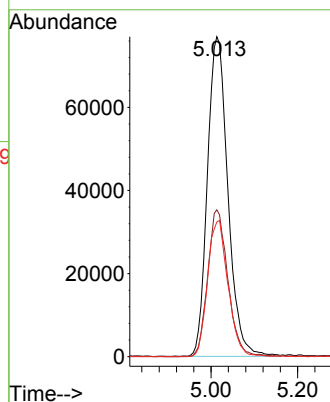
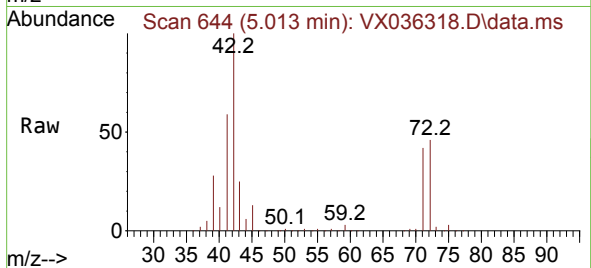
Tgt Ion: 42 Resp: 253018

Ion Ratio Lower Upper

42 100

72 45.5 34.2 51.4

71 42.4 32.2 48.2



#33

1,2-Dichloroethane-d4

Concen: 58.602 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX036318.D

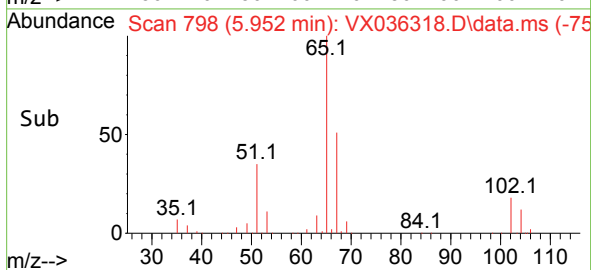
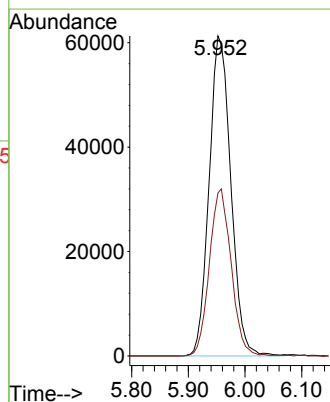
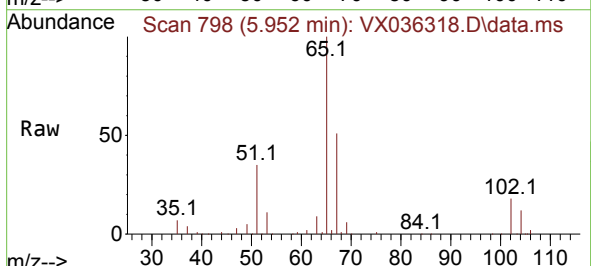
Acq: 24 Jun 2023 17:48

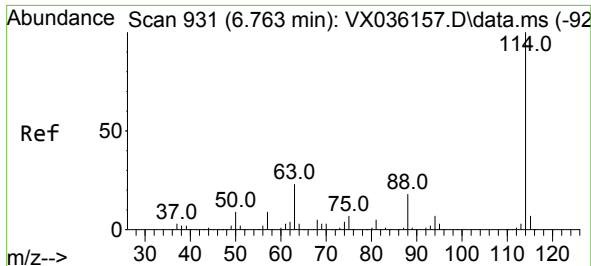
Tgt Ion: 65 Resp: 163057

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2

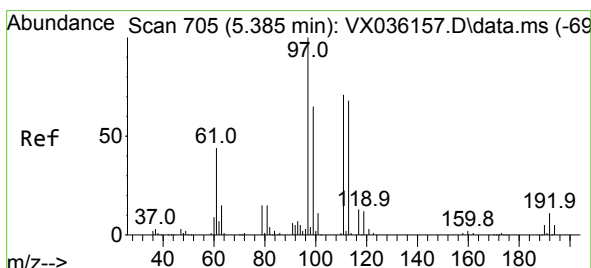
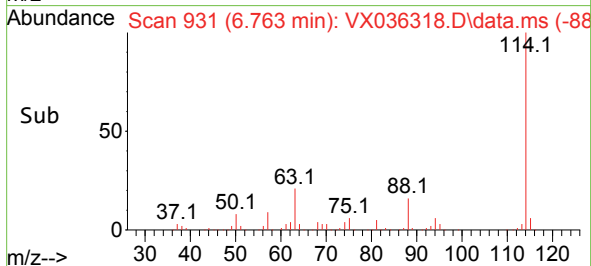
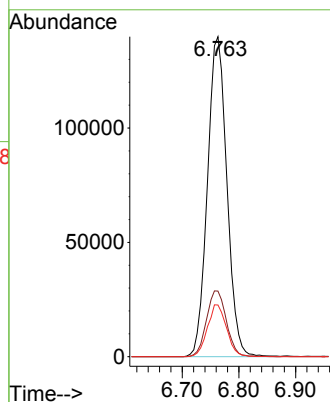
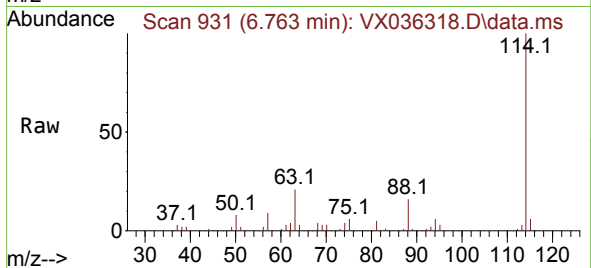




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

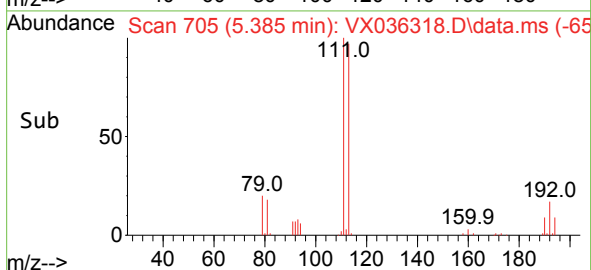
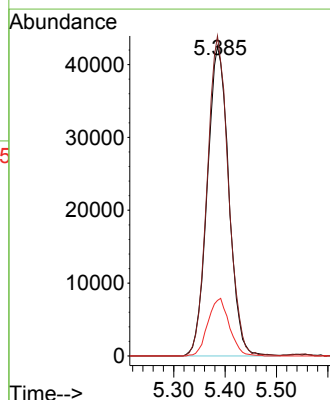
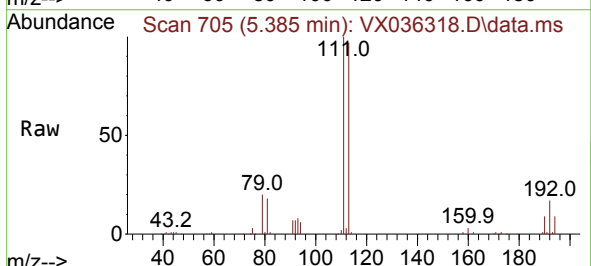
Instrument :
MSVOA_X
ClientSampleId :
230621028-02-VOA

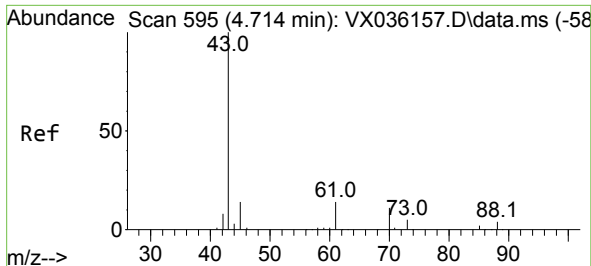
Tgt Ion:114 Resp: 333275
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 56.180 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

Tgt Ion:113 Resp: 123457
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.5 13.3 19.9





#37

Ethyl Acetate

Concen: 310.232 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.152 min

Lab File: VX036318.D

Acq: 24 Jun 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

230621028-02-VOA

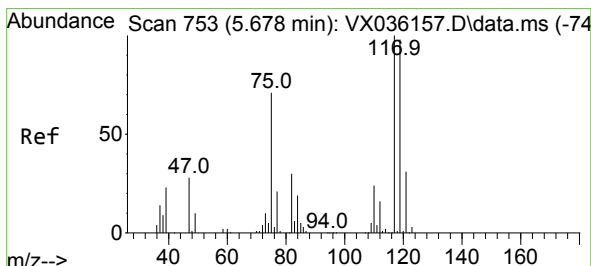
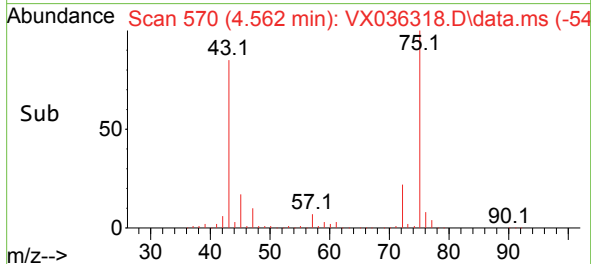
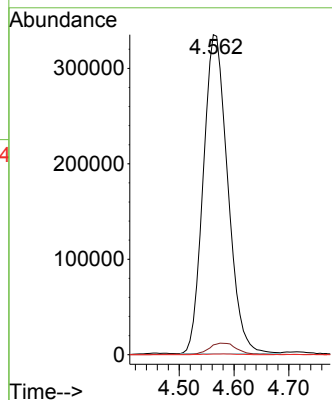
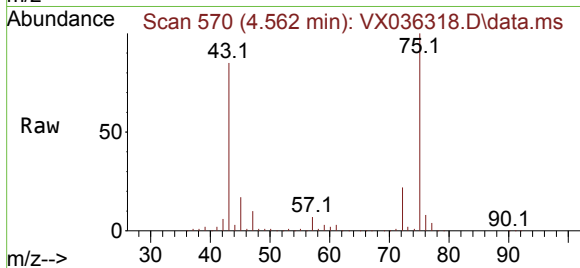
Tgt Ion: 43 Resp: 1035748

Ion Ratio Lower Upper

43 100

61 4.0 10.6 16.0#

70 0.3 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.624 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX036318.D

Acq: 24 Jun 2023 17:48

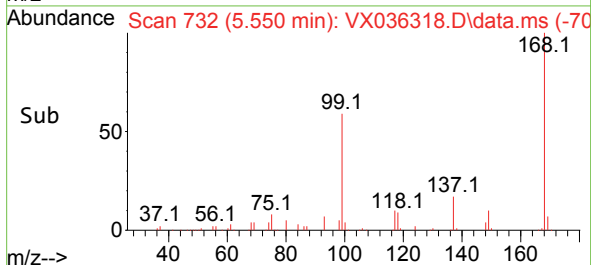
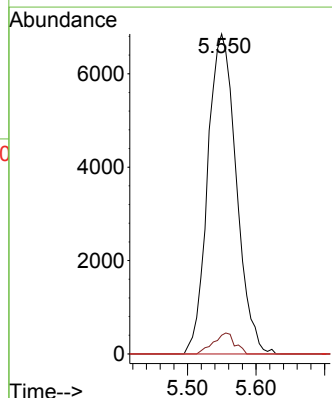
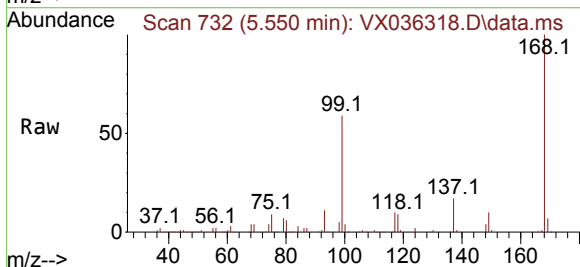
Tgt Ion: 117 Resp: 19817

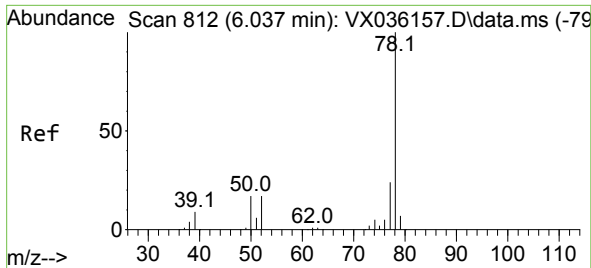
Ion Ratio Lower Upper

117 100

119 5.9 78.2 117.2#

121 0.0 24.4 36.6#

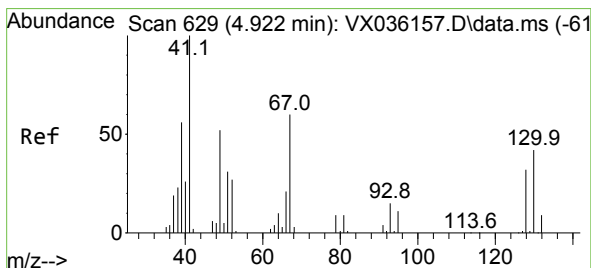
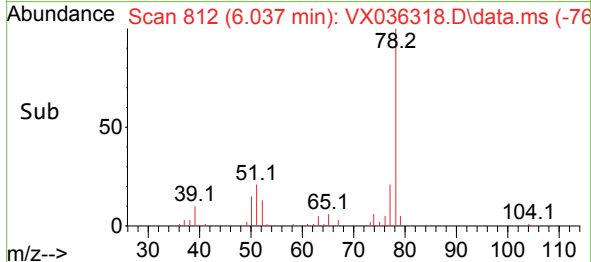
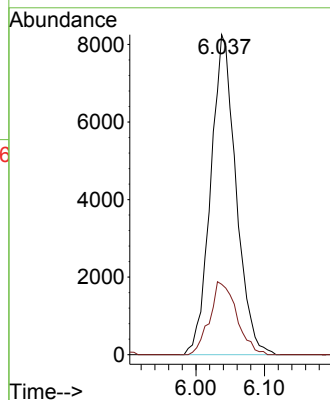
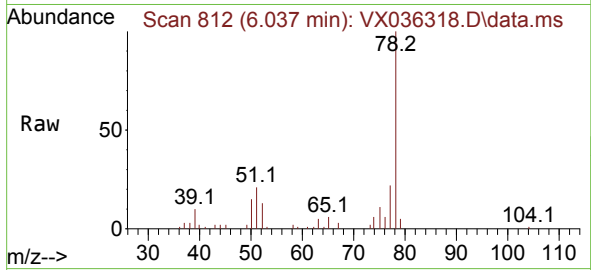




#40
Benzene
Concen: 2.313 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

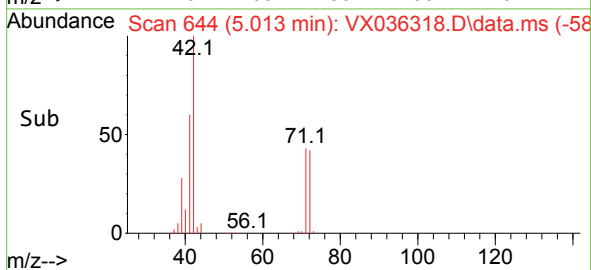
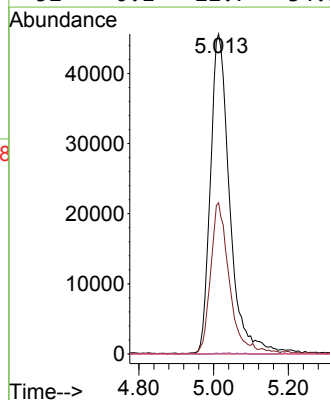
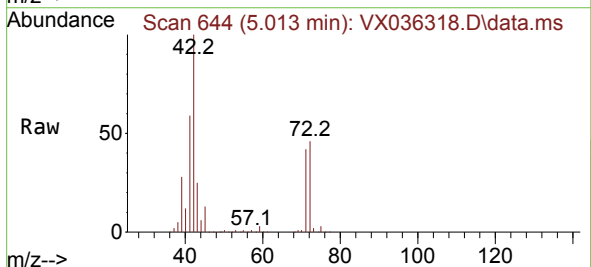
Instrument :
MSVOA_X
ClientSampleId :
230621028-02-VOA

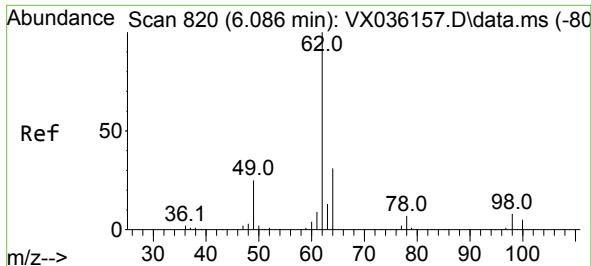
Tgt Ion: 78 Resp: 21169
Ion Ratio Lower Upper
78 100
77 22.0 19.3 28.9



#41
Methacrylonitrile
Concen: 88.173 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.091 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

Tgt Ion: 41 Resp: 163305
Ion Ratio Lower Upper
41 100
39 46.0 45.2 67.8
67 0.0 52.6 78.8#
52 0.1 22.7 34.1#





#42

1,2-Dichloroethane

Concen: 0.432 ug/l

RT: 6.086 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX036318.D

Acq: 24 Jun 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

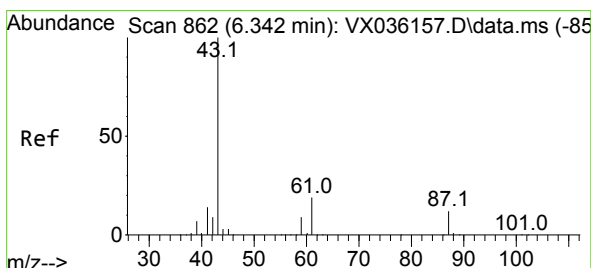
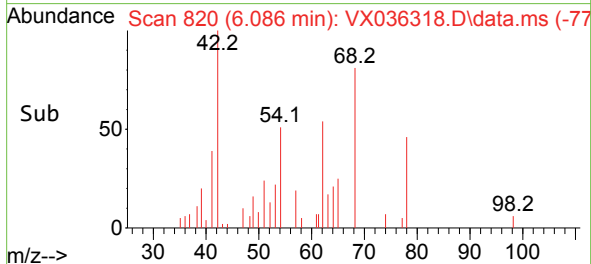
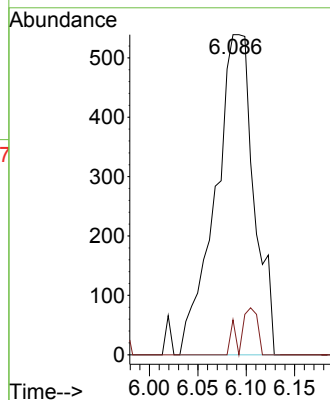
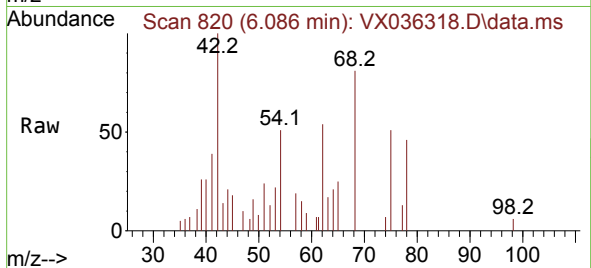
230621028-02-VOA

Tgt Ion: 62 Resp: 1505

Ion Ratio Lower Upper

62 100

98 6.6 0.0 16.0



#43

Isopropyl Acetate

Concen: 0.390 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX036318.D

Acq: 24 Jun 2023 17:48

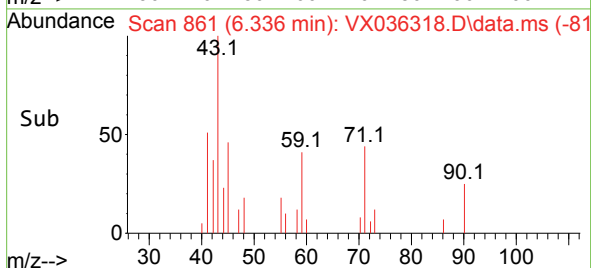
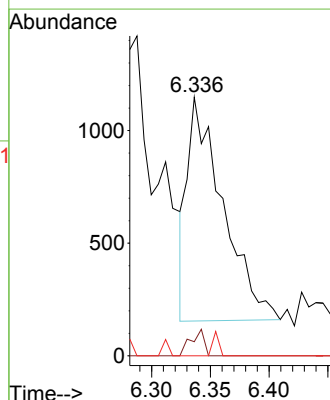
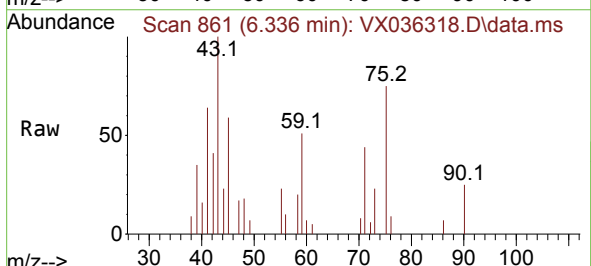
Tgt Ion: 43 Resp: 2075

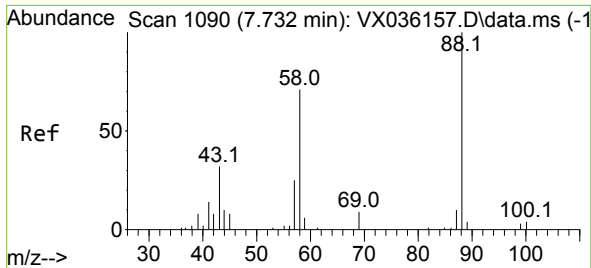
Ion Ratio Lower Upper

43 100

61 4.5 15.2 22.8#

87 1.9 9.8 14.6#

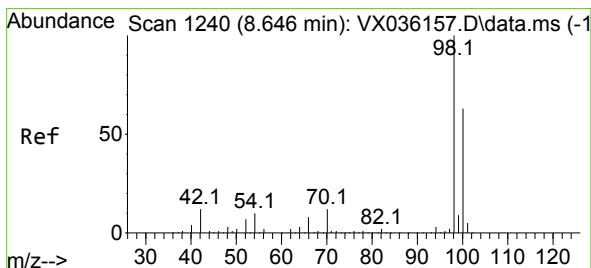
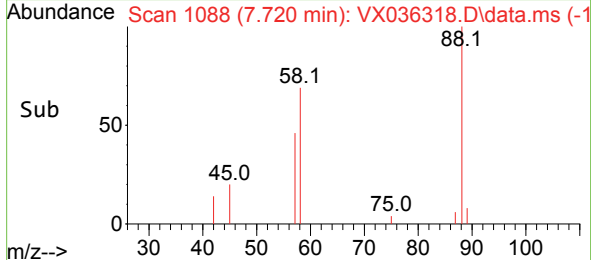
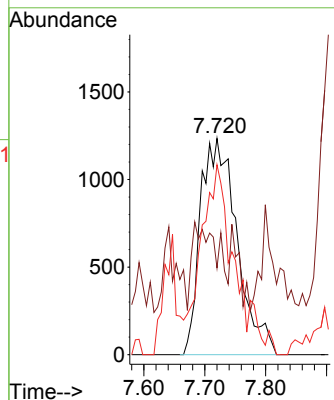
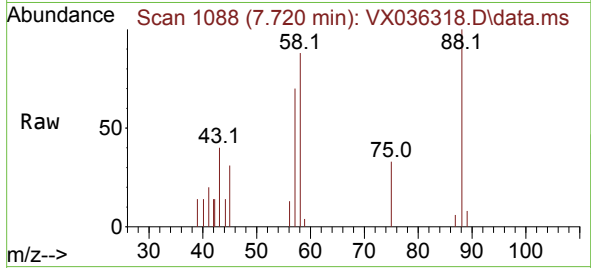




#49
1,4-Dioxane
Concen: 87.226 ug/l
RT: 7.720 min Scan# 1090
Delta R.T. -0.012 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

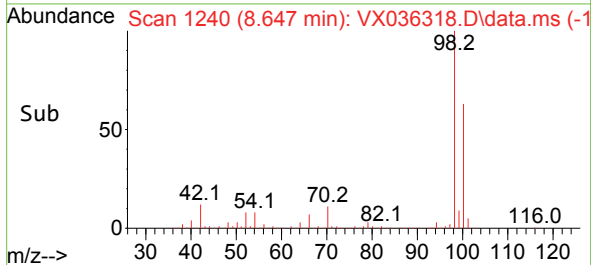
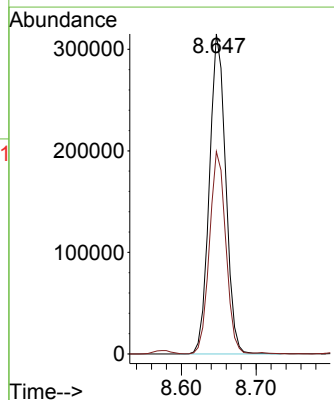
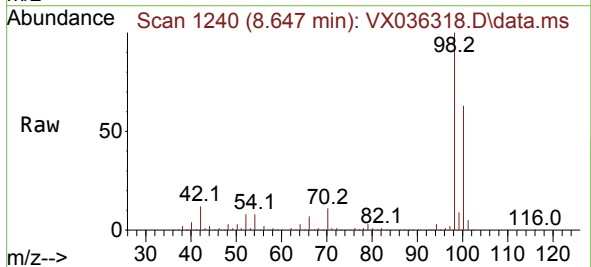
Instrument :
MSVOA_X
ClientSampleId :
230621028-02-VOA

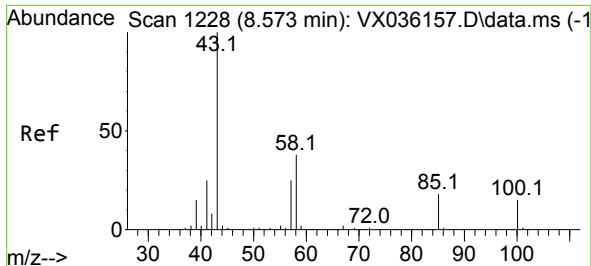
Tgt Ion: 88 Resp: 5135
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 60.9 60.1 90.1



#50
Toluene-d8
Concen: 58.119 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

Tgt Ion: 98 Resp: 477024
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 11.213 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX036318.D

Acq: 24 Jun 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

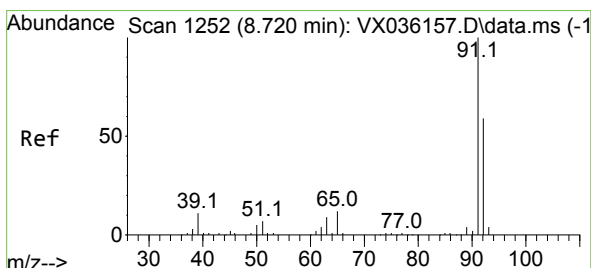
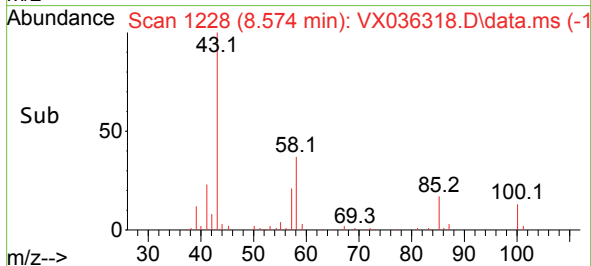
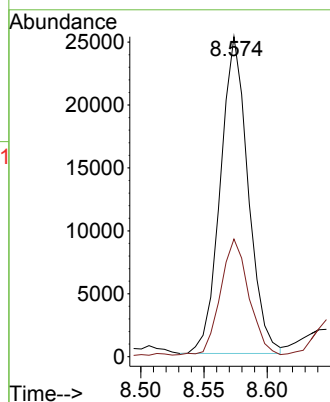
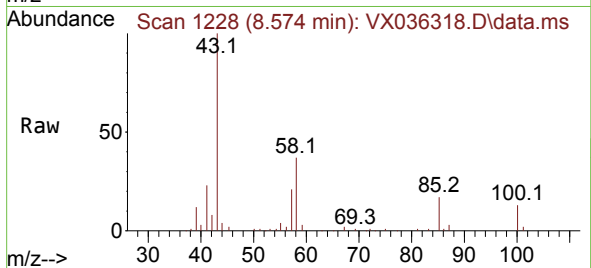
230621028-02-VOA

Tgt Ion: 43 Resp: 38476

Ion Ratio Lower Upper

43 100

58 38.3 30.4 45.6



#52

Toluene

Concen: 4.714 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX036318.D

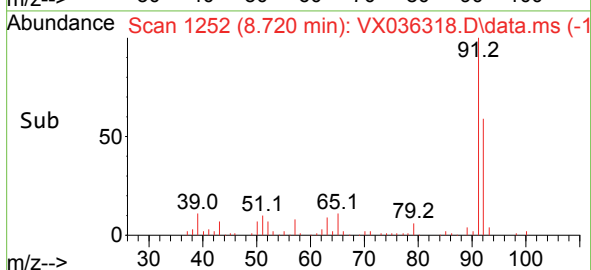
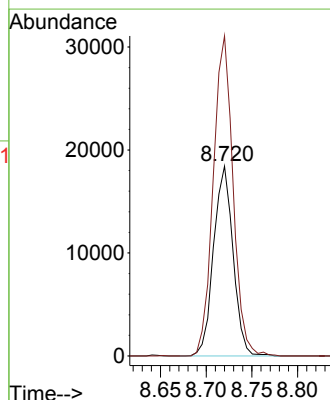
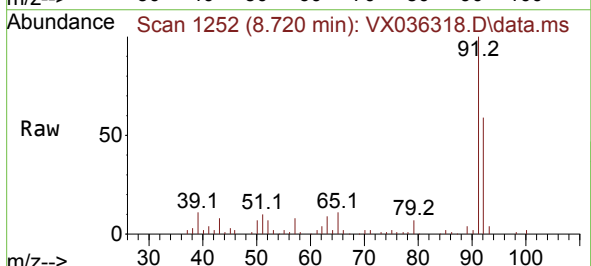
Acq: 24 Jun 2023 17:48

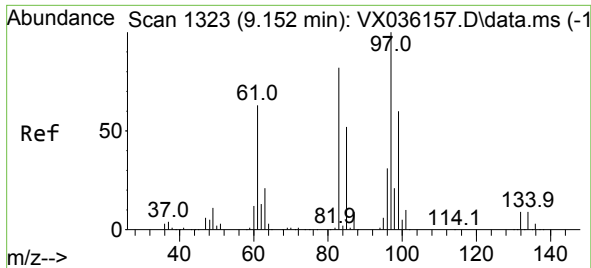
Tgt Ion: 92 Resp: 27339

Ion Ratio Lower Upper

92 100

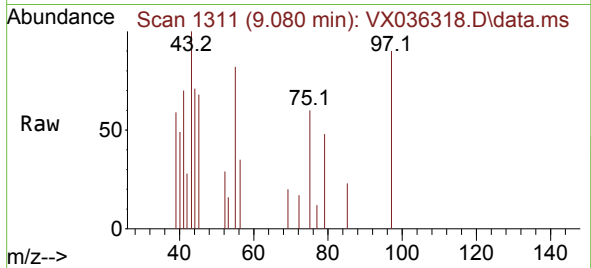
91 171.1 134.2 201.2



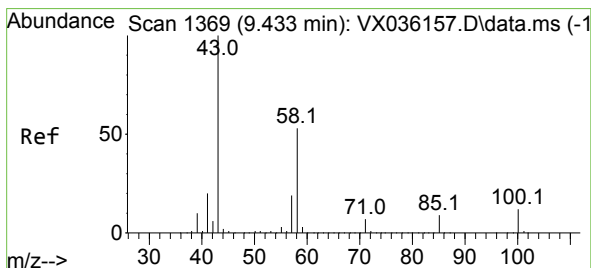
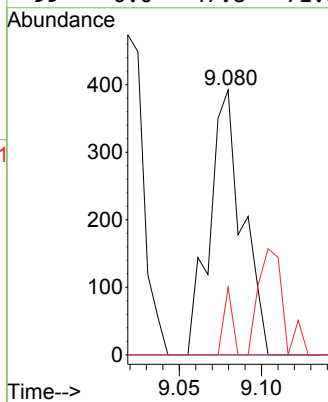
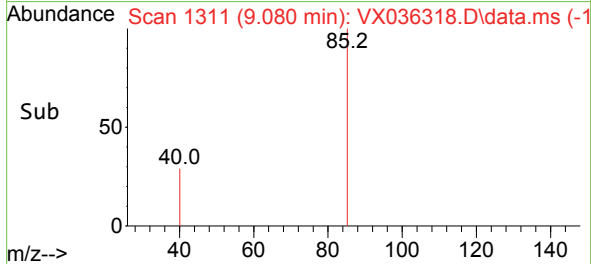


#55
 1,1,2-Trichloroethane
 Concen: 0.225 ug/l
 RT: 9.080 min Scan# 11
 Delta R.T. -0.072 min
 Lab File: VX036318.D
 Acq: 24 Jun 2023 17:48

Instrument :
 MSVOA_X
 ClientSampleId :
 230621028-02-VOA

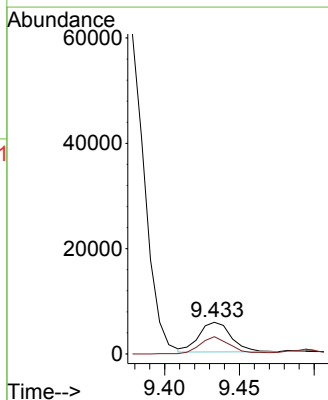
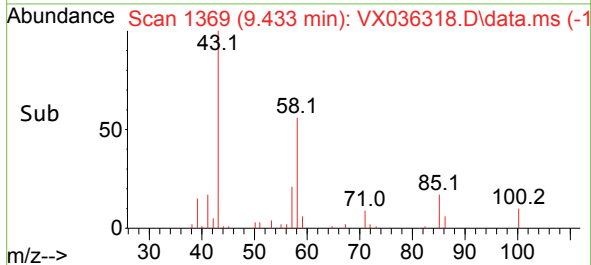
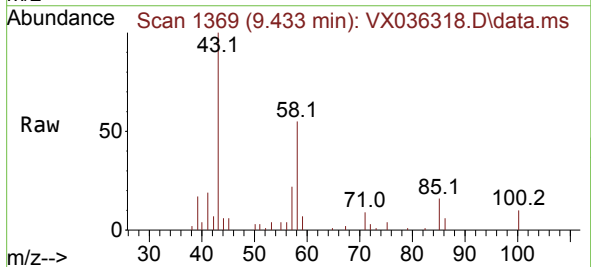


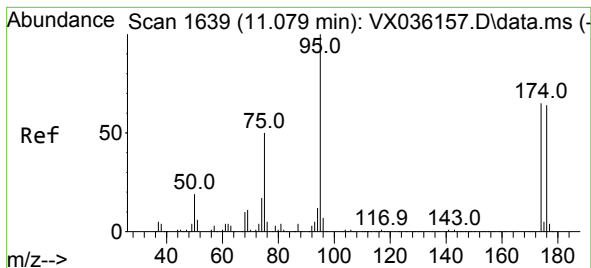
Tgt Ion: 97	Resp: 543
Ion Ratio	Lower Upper
97 100	
83 0.0	65.8 98.8#
85 25.5	41.6 62.4#
99 0.0	47.8 71.8#



#59
 2-Hexanone
 Concen: 3.348 ug/l
 RT: 9.433 min Scan# 1369
 Delta R.T. 0.000 min
 Lab File: VX036318.D
 Acq: 24 Jun 2023 17:48

Tgt Ion: 43	Resp: 8389
Ion Ratio	Lower Upper
43 100	
58 56.5	26.2 78.5

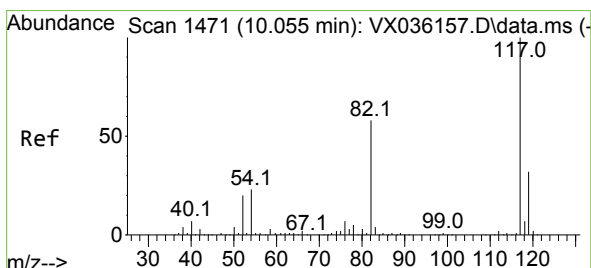
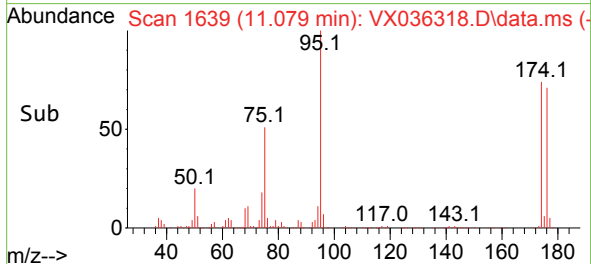
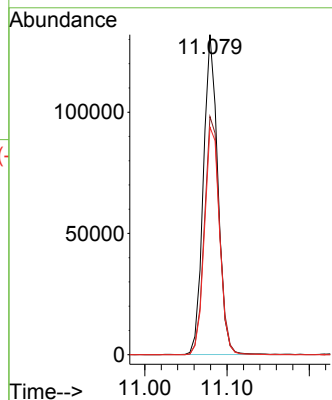
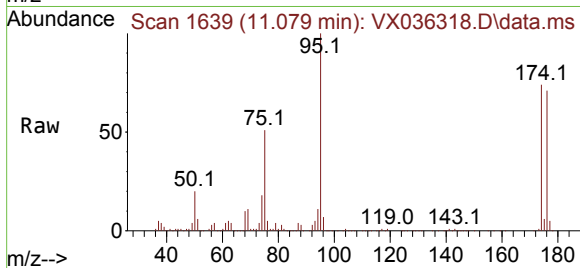




#62
4-Bromofluorobenzene
Concen: 55.776 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

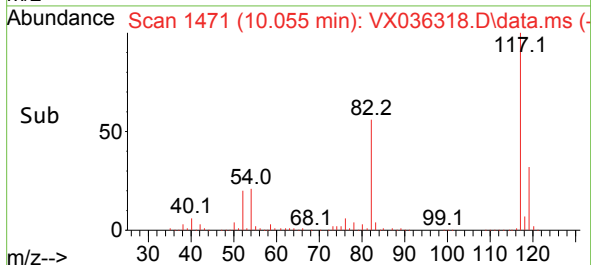
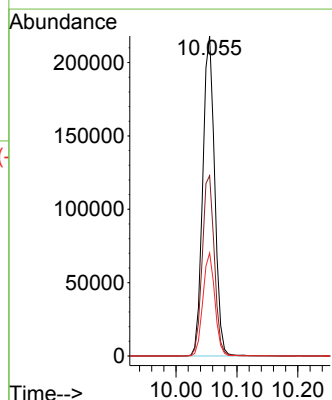
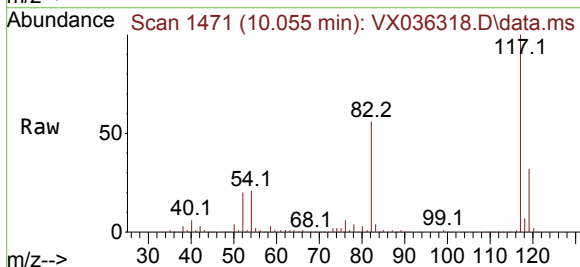
Instrument :
MSVOA_X
ClientSampleId :
230621028-02-VOA

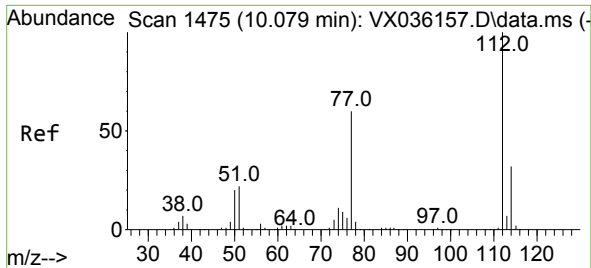
Tgt Ion: 95 Resp: 161250
Ion Ratio Lower Upper
95 100
174 78.1 0.0 135.6
176 74.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

Tgt Ion: 117 Resp: 296134
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.2 25.5 38.3

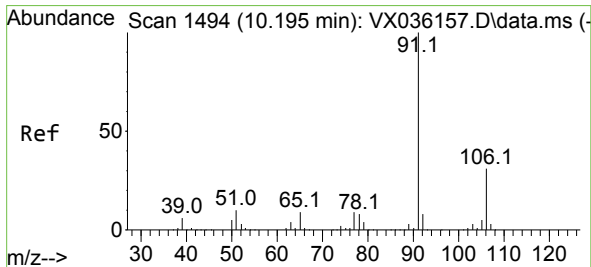
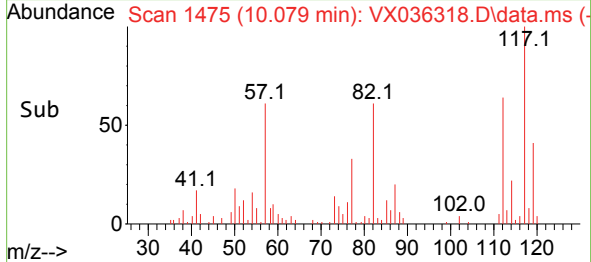
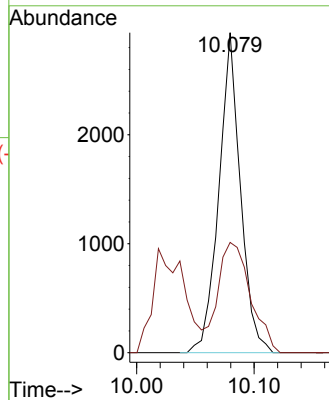
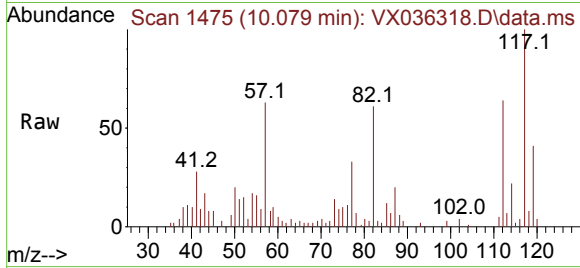




#65
Chlorobenzene
Concen: 0.602 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

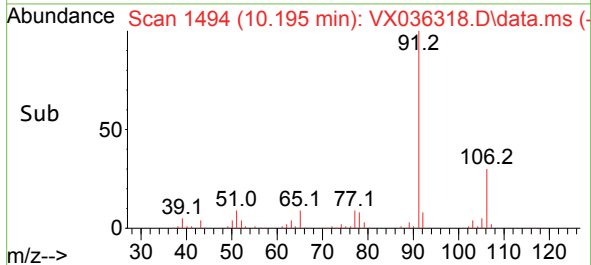
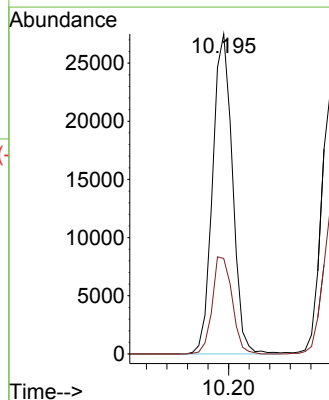
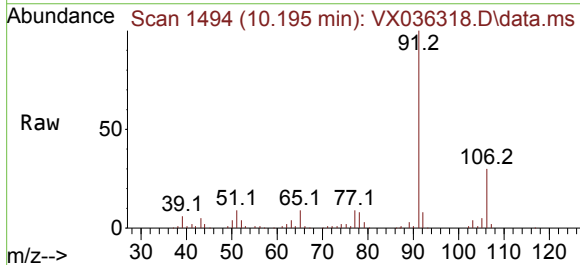
Instrument :
MSVOA_X
ClientSampleId :
230621028-02-VOA

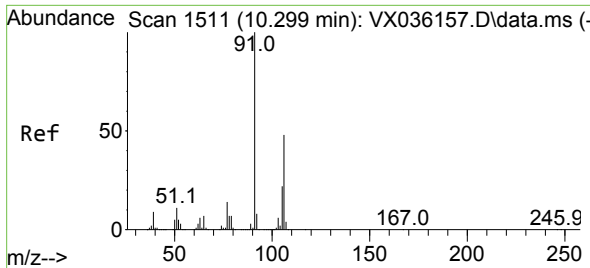
Tgt Ion:112 Resp: 3749
Ion Ratio Lower Upper
112 100
114 34.5 25.7 38.5



#67
Ethyl Benzene
Concen: 3.326 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

Tgt Ion: 91 Resp: 36807
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3

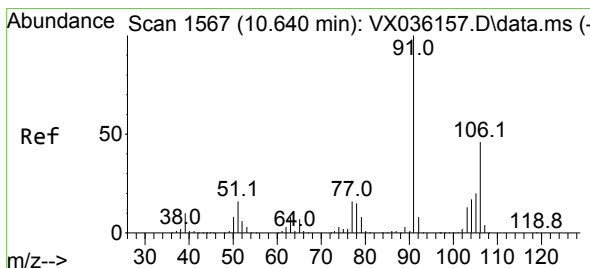
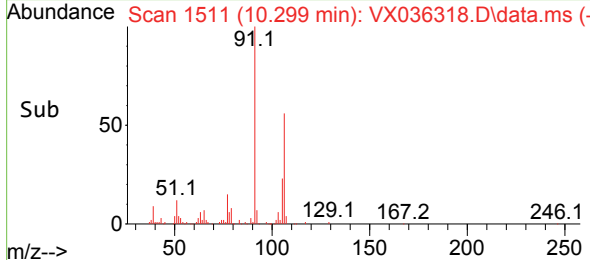
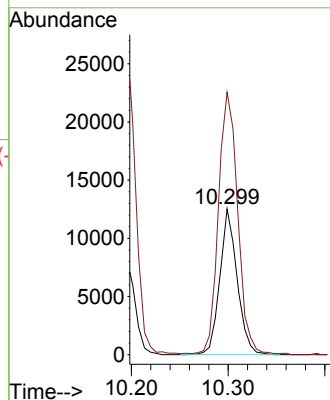
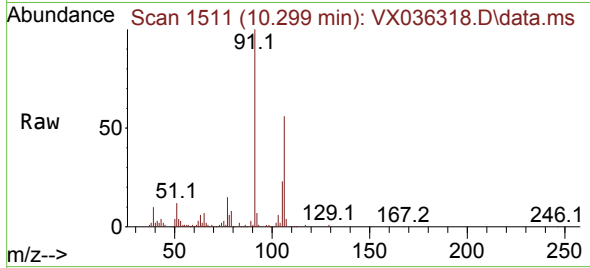




#68
m/p-Xylenes
Concen: 3.619 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

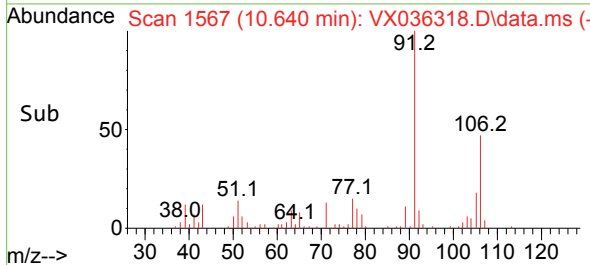
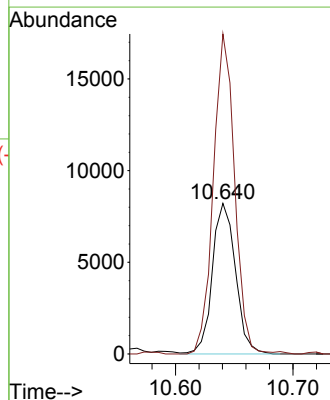
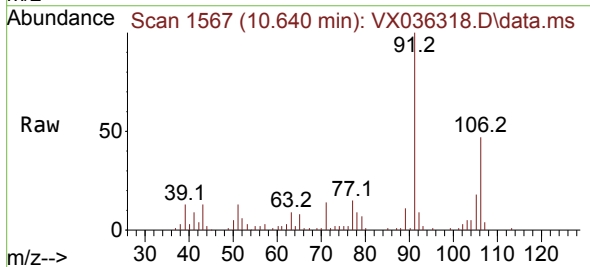
Instrument :
MSVOA_X
ClientSampleId :
230621028-02-VOA

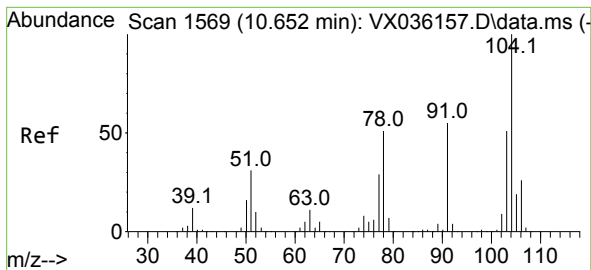
Tgt Ion:106 Resp: 15562
Ion Ratio Lower Upper
106 100
91 201.1 165.5 248.3



#69
o-Xylene
Concen: 2.711 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

Tgt Ion:106 Resp: 11256
Ion Ratio Lower Upper
106 100
91 195.6 108.9 326.8





#70

Styrene

Concen: 0.357 ug/l

RT: 10.653 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX036318.D

Acq: 24 Jun 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

230621028-02-VOA

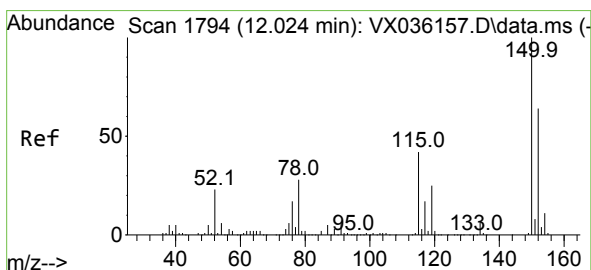
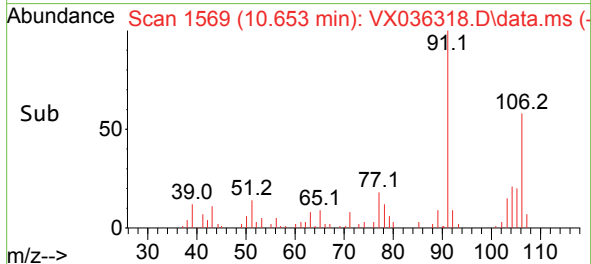
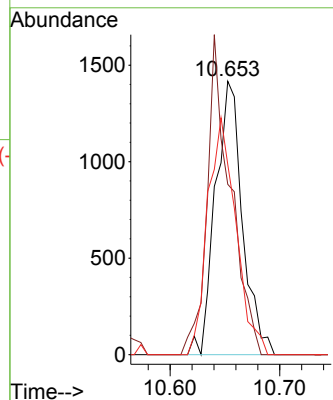
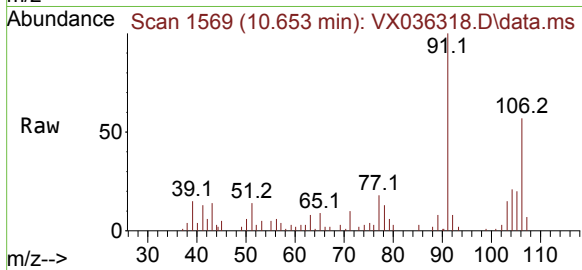
Tgt Ion:104 Resp: 2426

Ion Ratio Lower Upper

104 100

78 100.4 43.6 65.4#

103 90.8 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036318.D

Acq: 24 Jun 2023 17:48

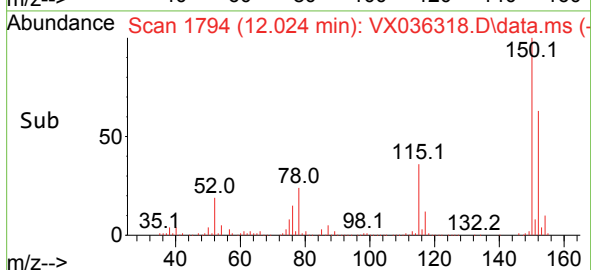
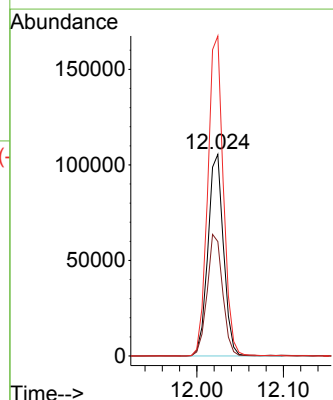
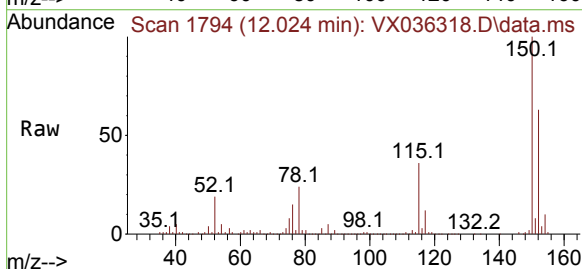
Tgt Ion:152 Resp: 131823

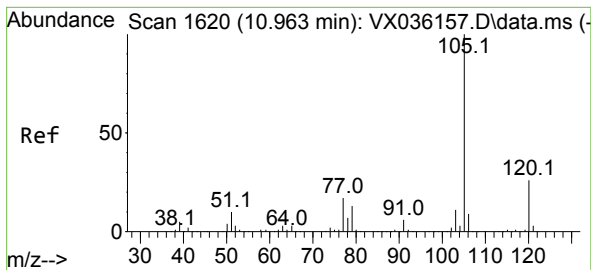
Ion Ratio Lower Upper

152 100

115 59.9 43.3 129.9

150 158.9 0.0 345.0





#73

Isopropylbenzene

Concen: 0.355 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036318.D

Acq: 24 Jun 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

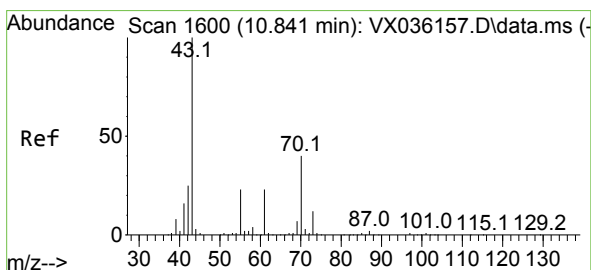
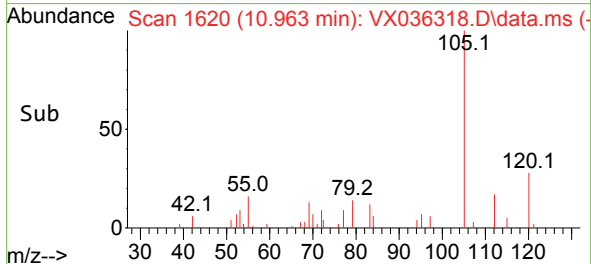
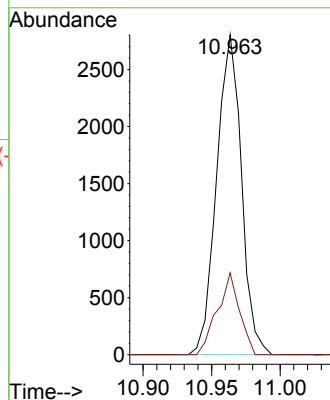
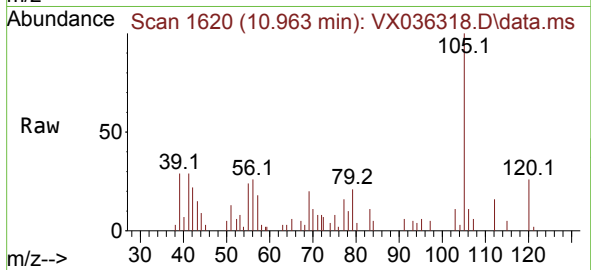
230621028-02-VOA

Tgt Ion:105 Resp: 3524

Ion Ratio Lower Upper

105 100

120 22.9 12.9 38.6



#74

N-ethyl acetate

Concen: 1.308 ug/l

RT: 10.890 min Scan# 1608

Delta R.T. 0.049 min

Lab File: VX036318.D

Acq: 24 Jun 2023 17:48

Tgt Ion: 43 Resp: 5139

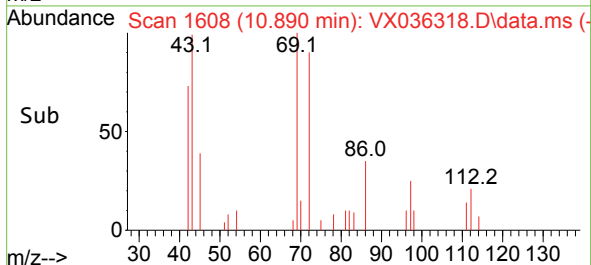
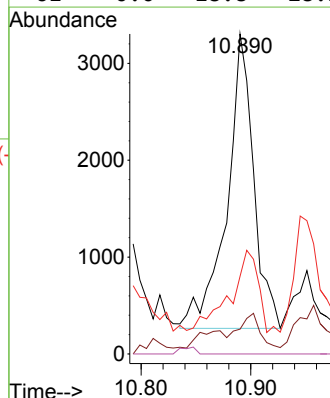
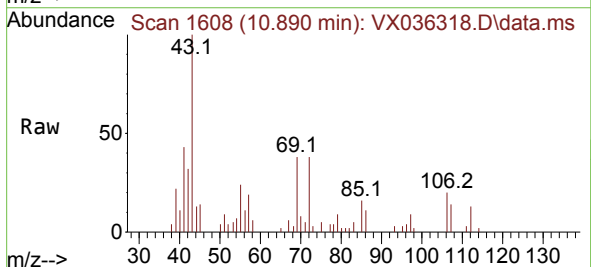
Ion Ratio Lower Upper

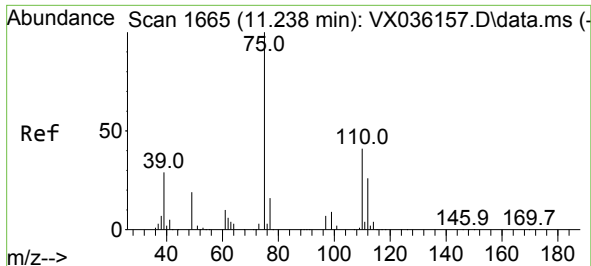
43 100

70 8.8 32.9 49.3#

55 31.7 19.3 28.9#

61 0.0 18.8 28.2#

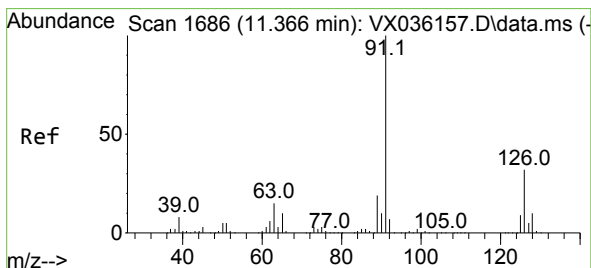
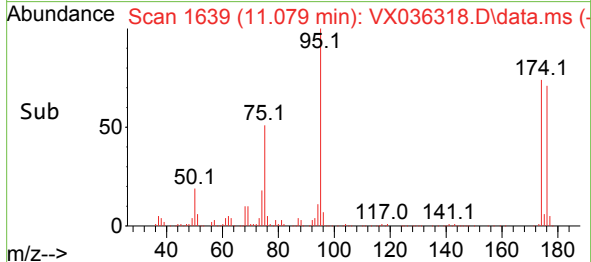
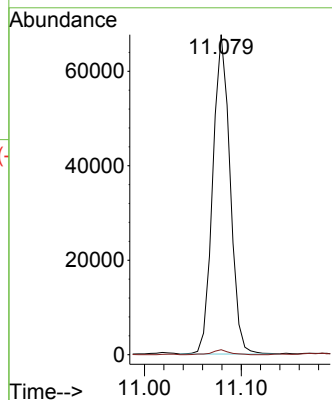
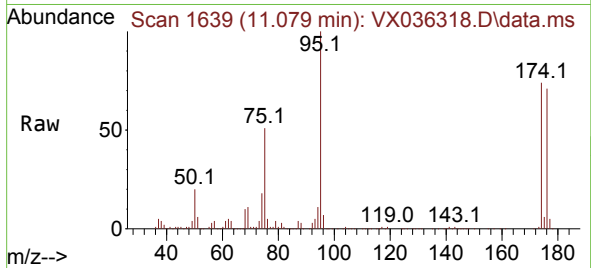




#76
1,2,3-Trichloropropane
Concen: 29.891 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

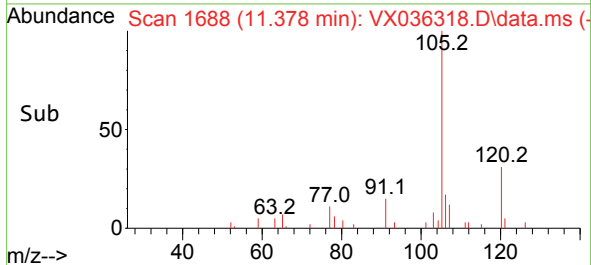
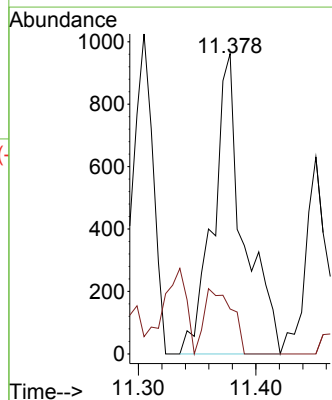
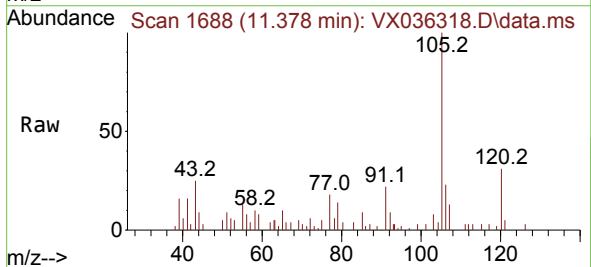
Instrument :
MSVOA_X
ClientSampleId :
230621028-02-VOA

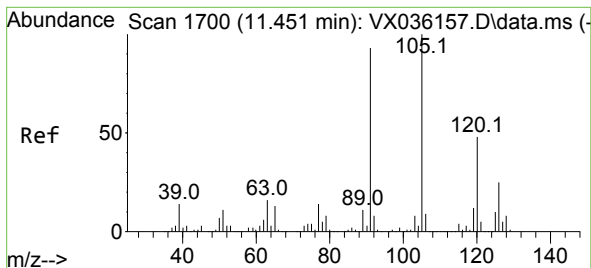
Tgt Ion: 75 Resp: 84047
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#



#79
2-Chlorotoluene
Concen: 0.249 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

Tgt Ion: 91 Resp: 1721
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 0.442 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036318.D

Acq: 24 Jun 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

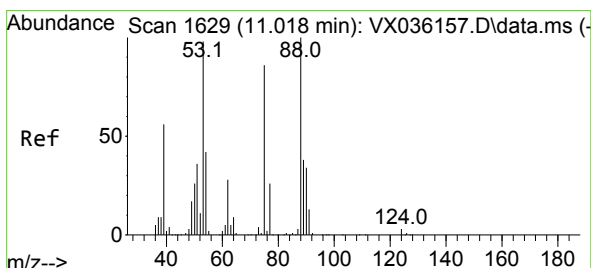
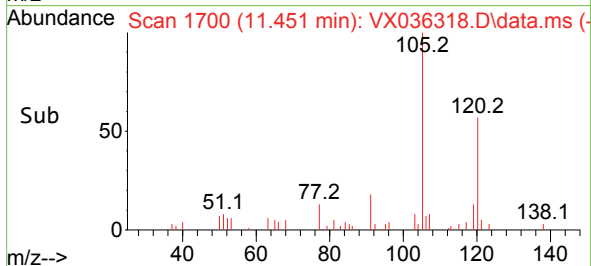
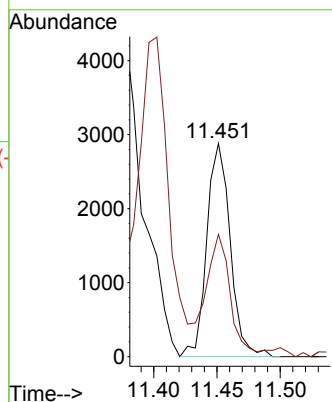
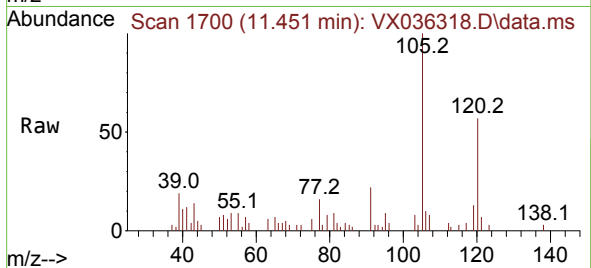
230621028-02-VOA

Tgt Ion:105 Resp: 3717

Ion Ratio Lower Upper

105 100

120 56.1 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 97.436 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036318.D

Acq: 24 Jun 2023 17:48

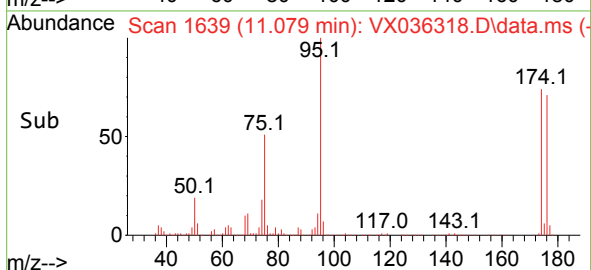
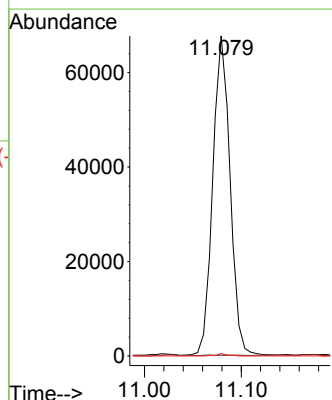
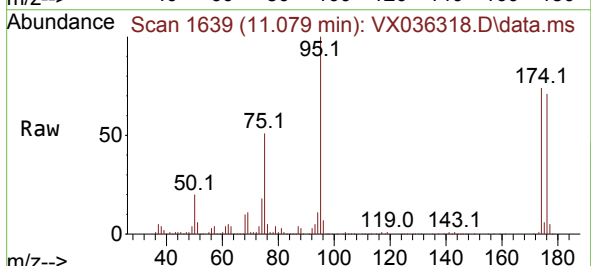
Tgt Ion: 75 Resp: 84047

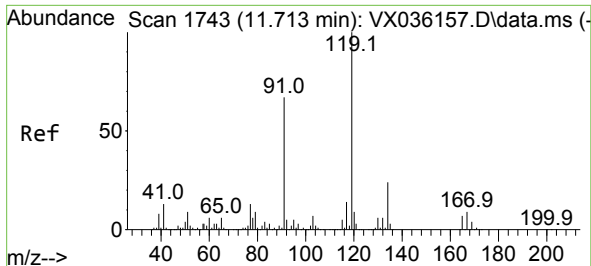
Ion Ratio Lower Upper

75 100

53 0.2 90.5 135.7#

89 0.4 36.9 55.3#

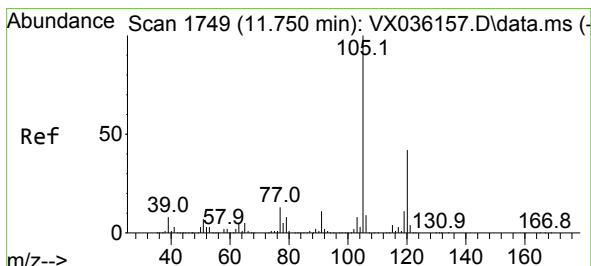
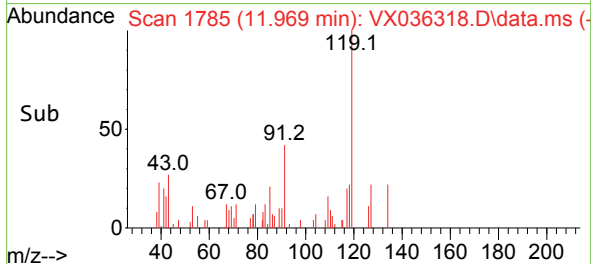
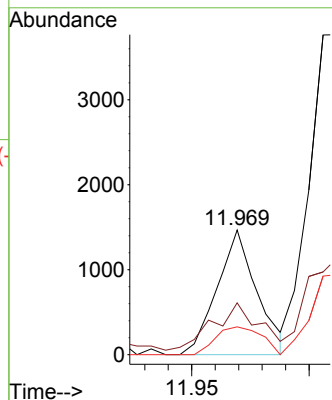
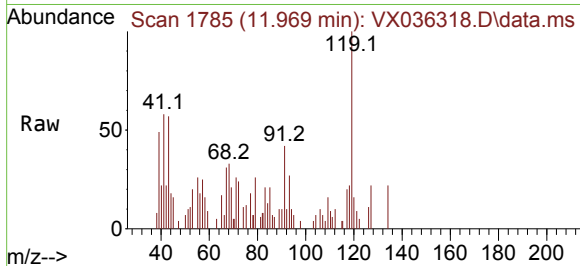




#83
tert-Butylbenzene
Concen: 0.215 ug/l
RT: 11.969 min Scan# 1730
Delta R.T. 0.256 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

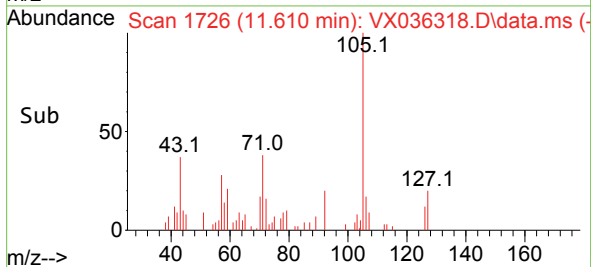
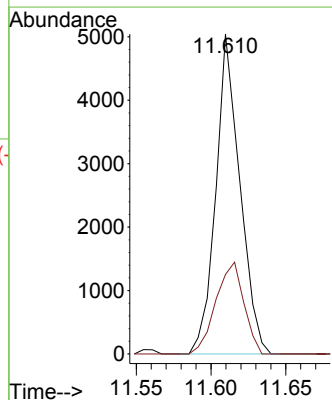
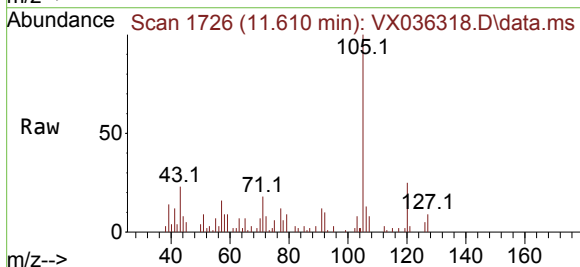
Instrument :
MSVOA_X
ClientSampleId :
230621028-02-VOA

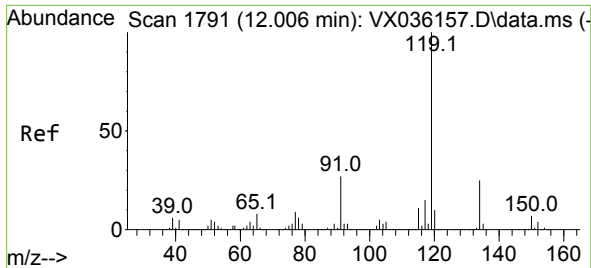
Tgt Ion:	119	Resp:	1730
Ion	Ratio	Lower	Upper
119	100		
91	44.0	31.2	93.6
134	25.7	11.7	35.0



#84
1,2,4-Trimethylbenzene
Concen: 0.678 ug/l
RT: 11.610 min Scan# 1726
Delta R.T. -0.140 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

Tgt Ion:	105	Resp:	5647
Ion	Ratio	Lower	Upper
105	100		
120	33.3	21.2	63.6

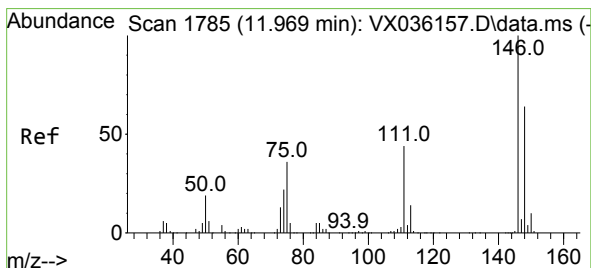
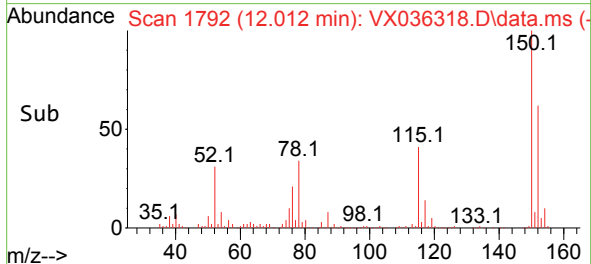
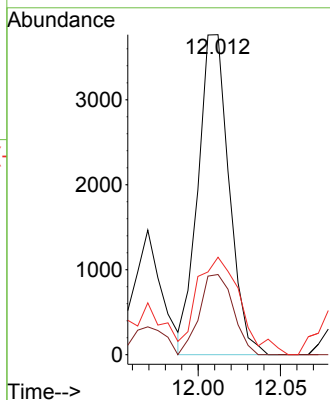
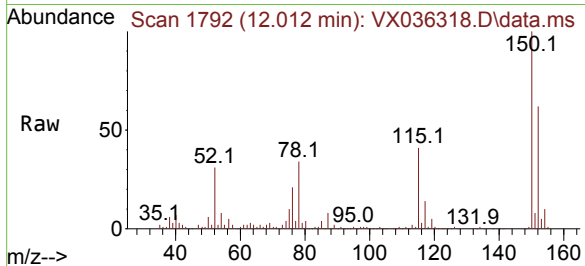




#86
p-Isopropyltoluene
Concen: 0.578 ug/l
RT: 12.012 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

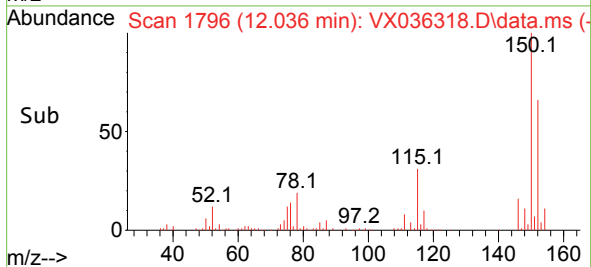
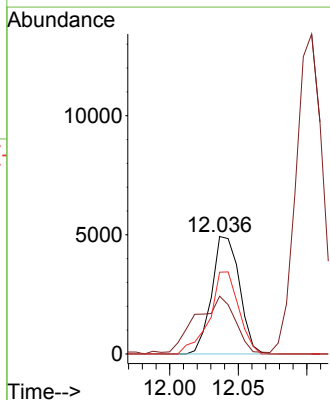
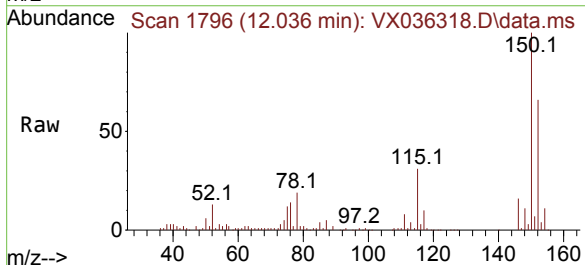
Instrument :
MSVOA_X
ClientSampleId :
230621028-02-VOA

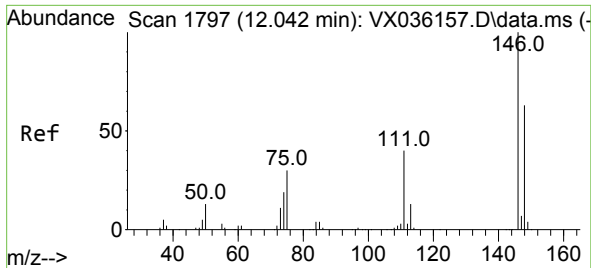
Tgt Ion:119 Resp: 4952
Ion Ratio Lower Upper
119 100
134 27.2 12.8 38.3
91 42.6 13.1 39.3#



#87
1,3-Dichlorobenzene
Concen: 1.542 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.067 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

Tgt Ion:146 Resp: 6927
Ion Ratio Lower Upper
146 100
111 70.8 22.1 66.1#
148 73.3 31.8 95.3

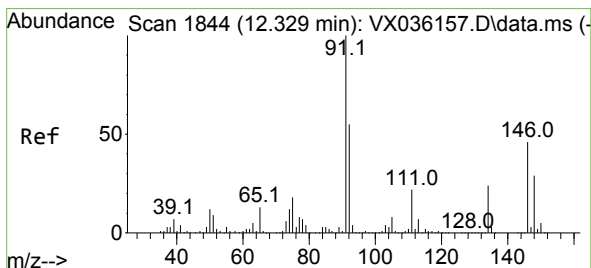
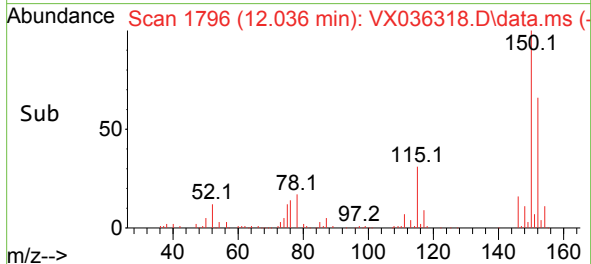
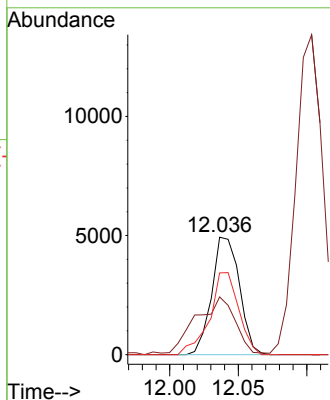
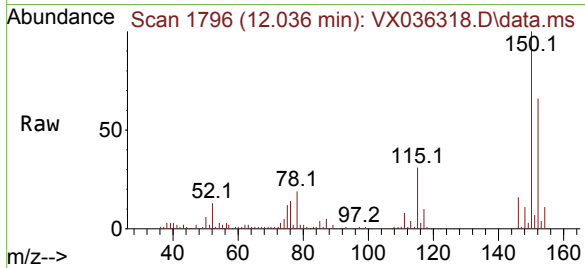




#88
1,4-Dichlorobenzene
Concen: 1.515 ug/l
RT: 12.036 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

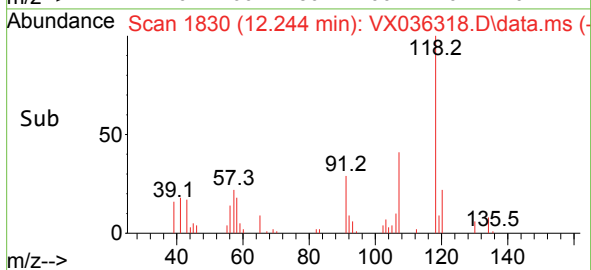
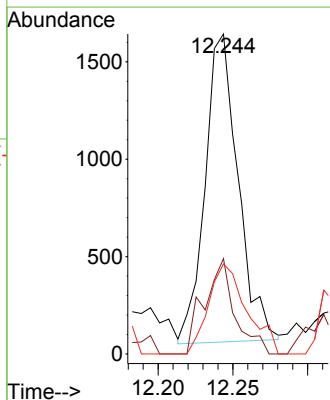
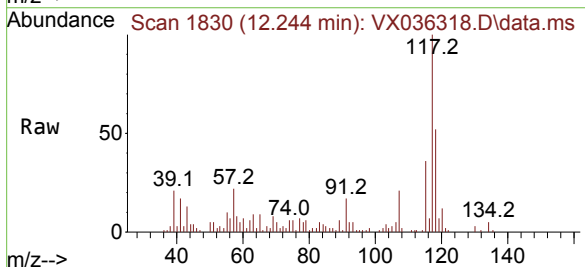
Instrument :
MSVOA_X
ClientSampleId :
230621028-02-VOA

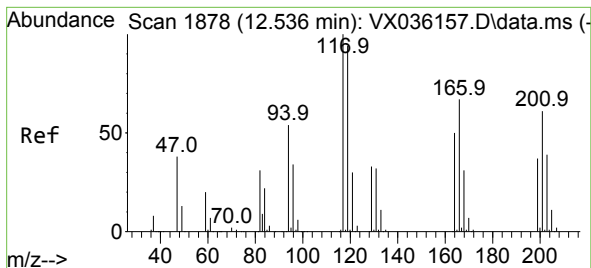
Tgt Ion:146 Resp: 6927
Ion Ratio Lower Upper
146 100
111 70.8 21.3 63.7#
148 73.3 31.8 95.4



#89
n-Butylbenzene
Concen: 0.318 ug/l
RT: 12.244 min Scan# 1830
Delta R.T. -0.085 min
Lab File: VX036318.D
Acq: 24 Jun 2023 17:48

Tgt Ion: 91 Resp: 2427
Ion Ratio Lower Upper
91 100
92 28.7 27.4 82.0
134 33.8 12.6 37.8





#90

Hexachloroethane

Concen: 0.511 ug/l

RT: 12.524 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX036318.D

Acq: 24 Jun 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

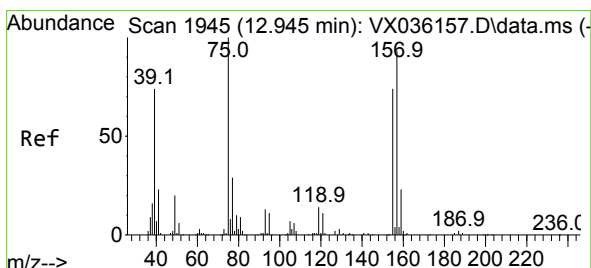
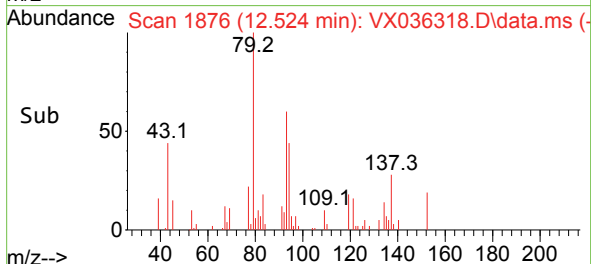
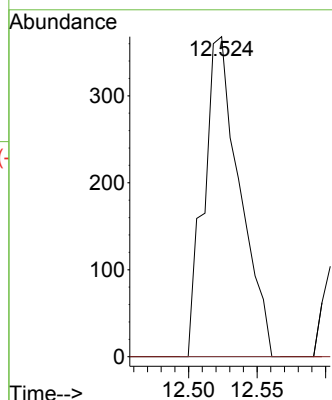
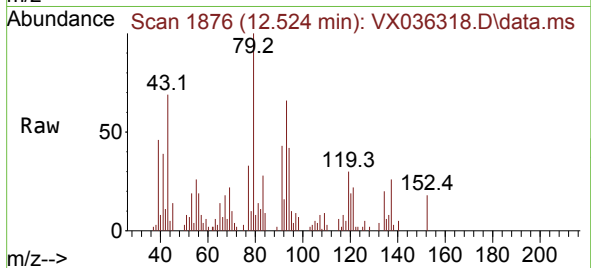
230621028-02-VOA

Tgt Ion:117 Resp: 664

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.559 ug/l

RT: 12.963 min Scan# 1948

Delta R.T. 0.018 min

Lab File: VX036318.D

Acq: 24 Jun 2023 17:48

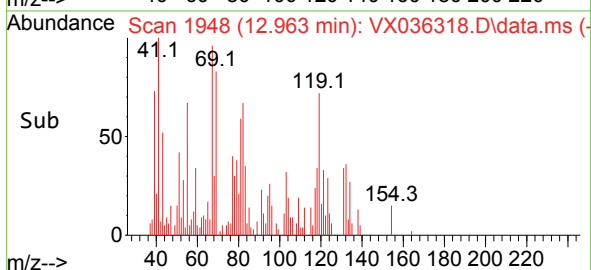
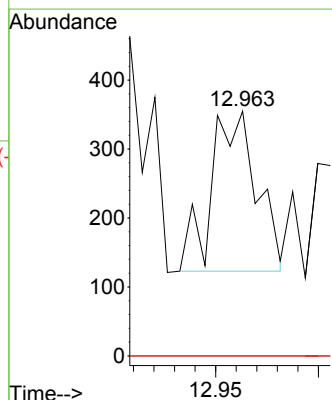
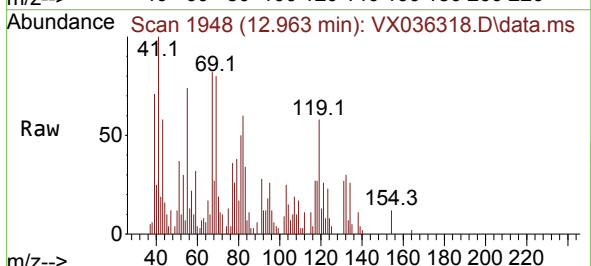
Tgt Ion: 75 Resp: 357

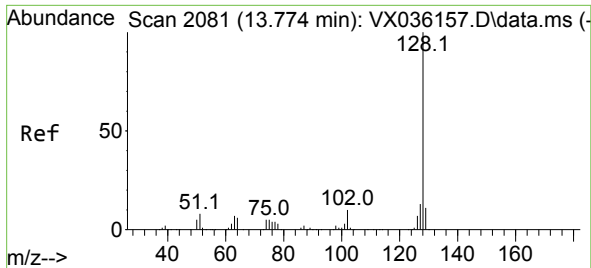
Ion Ratio Lower Upper

75 100

155 0.0 36.1 108.5#

157 0.0 44.9 134.7#





#95

Naphthalene

Concen: 19.720 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036318.D

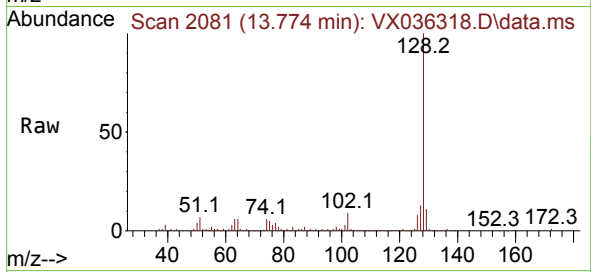
Acq: 24 Jun 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

230621028-02-VOA



Tgt Ion:128 Resp: 177460

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.8 13.2

