

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039538.D
 Acq On : 29 Dec 2023 12:27
 Operator : JC/MD
 Sample : 06017-05
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB32-2-20231222-7.5-8.5-A

Quant Time: Dec 30 01:57:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	88857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181753	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74855	45.985	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.980%
35) Dibromofluoromethane	5.391	113	54839	43.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.340%
50) Toluene-d8	8.647	98	227065	48.710	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.420%
62) 4-Bromofluorobenzene	11.086	95	95204	49.499	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.000%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	479	0.647	ug/l	99
6) Chloroethane	1.703	64	229	0.295	ug/l #	44
11) Tert butyl alcohol	2.941	59	3414	8.352	ug/l #	78
13) Acrolein	2.172	56	111	0.340	ug/l #	1
15) Acrylonitrile	3.056	53	176	0.215	ug/l #	24
16) Acetone	2.374	43	41	Below Cal	#	47
18) Methyl Acetate	2.739	43	1621	0.460	ug/l #	64
20) Methylene Chloride	2.776	84	1274	0.939	ug/l #	78
30) Chloroform	5.135	83	691	0.290	ug/l #	19
31) Cyclohexane	5.477	56	11136	5.297	ug/l #	45
36) 1,1-Dichloropropene	5.544	75	8668	4.375	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9892	5.231	ug/l #	15
39) Methylcyclohexane	7.367	83	16323	6.858	ug/l	90
40) Benzene	6.025	78	15109	2.696	ug/l	92
43) Isopropyl Acetate	6.233	43	36031	9.051	ug/l #	62
47) Bromodichloromethane	7.763	83	982	0.486	ug/l #	15
48) Methyl methacrylate	7.647	41	4209	1.809	ug/l #	53
51) 4-Methyl-2-Pentanone	8.610	43	12171	4.799	ug/l #	71
52) Toluene	8.720	92	5777	1.708	ug/l	87
55) 1,1,2-Trichloroethane	9.202	97	921	0.652	ug/l #	1
56) Ethyl methacrylate	9.129	69	465	0.270	ug/l #	22
59) 2-Hexanone	9.385	43	22859	10.443	ug/l #	31
67) Ethyl Benzene	10.195	91	36349	5.011	ug/l	99
68) m/p-Xylenes	10.305	106	11729	4.509	ug/l	96
69) o-Xylene	10.647	106	1371	0.545	ug/l	61
73) Isopropylbenzene	10.964	105	35373	5.627	ug/l	97
74) N-amyl acetate	10.854	43	13702	4.308	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.195	83	5952	2.545	ug/l #	86
76) 1,2,3-Trichloropropane	11.305	75	1593	0.756	ug/l #	1
78) n-propylbenzene	11.305	91	215846	27.870	ug/l	96
79) 2-Chlorotoluene	11.305	91	215846	46.075	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	9518	1.777	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.086	75	51081	68.364	ug/l #	5
82) 4-Chlorotoluene	11.305	91	215846	39.228	ug/l #	46
83) tert-Butylbenzene	11.970	119	7387	1.449	ug/l	68
84) 1,2,4-Trimethylbenzene	11.756	105	15992	2.912	ug/l	97

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QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration

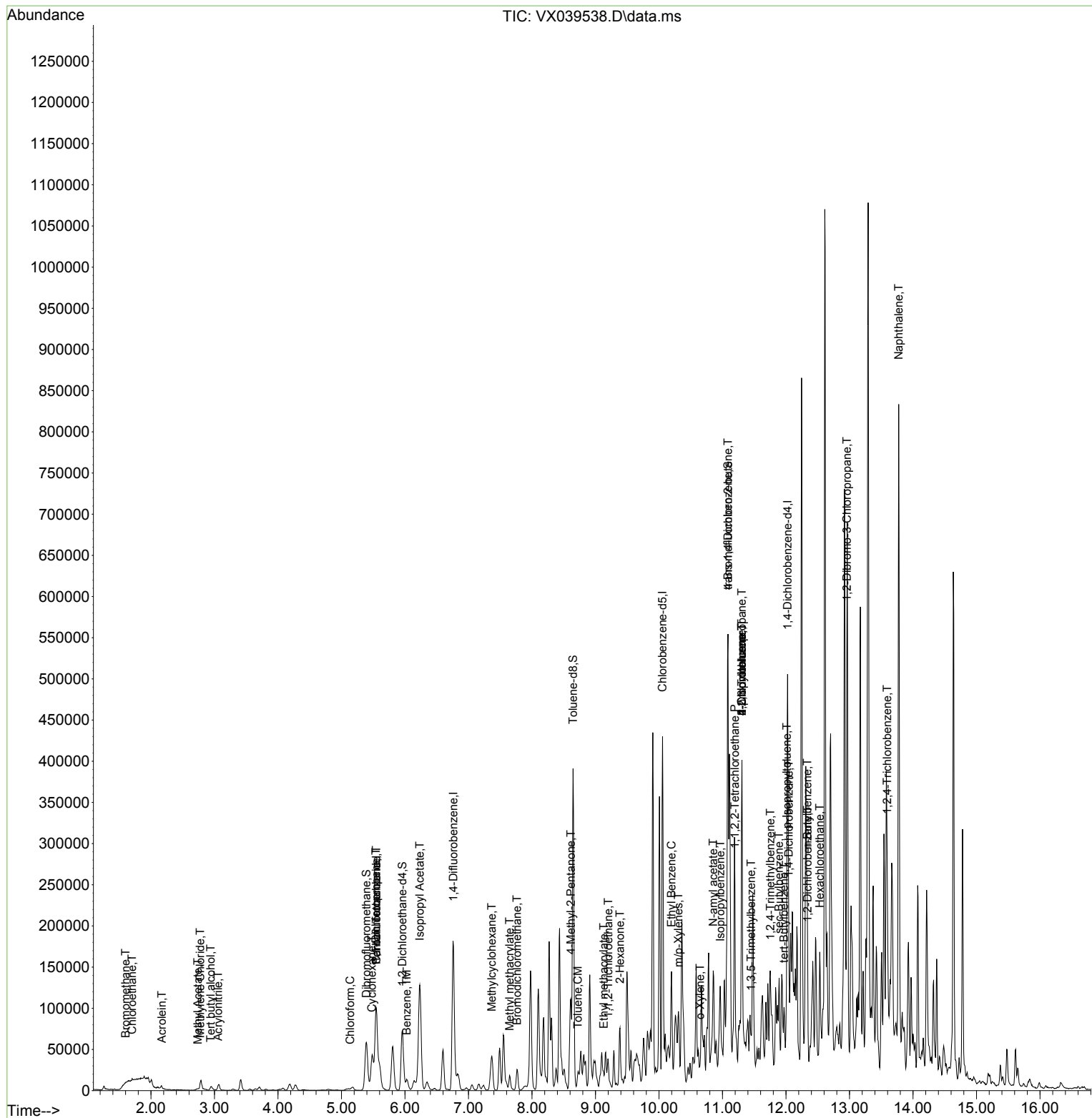
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.890	105	29123	4.491	ug/l #	57
86) p-Isopropyltoluene	12.012	119	11853	2.178	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	633	0.223	ug/l #	1
89) n-Butylbenzene	12.335	91	107441	20.082	ug/l #	74
90) Hexachloroethane	12.530	117	5725	5.823	ug/l #	17
91) 1,2-Dichlorobenzene	12.341	146	616	0.236	ug/l #	56
92) 1,2-Dibromo-3-Chloropr...	12.957	75	2318	3.764	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	764	0.447	ug/l #	1
95) Naphthalene	13.774	128	448818	75.325	ug/l	99

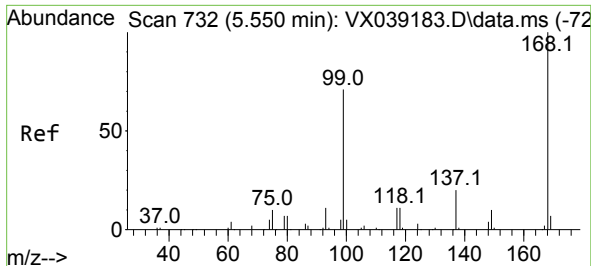
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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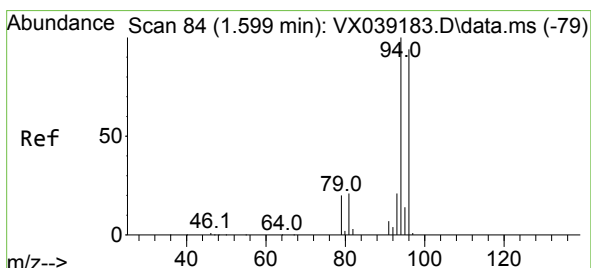
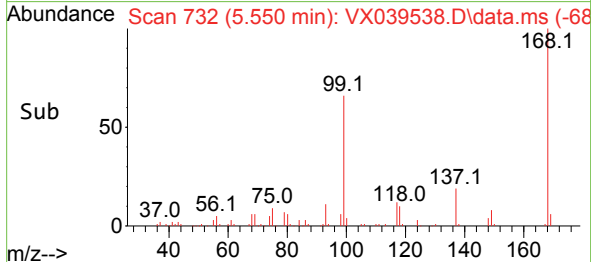
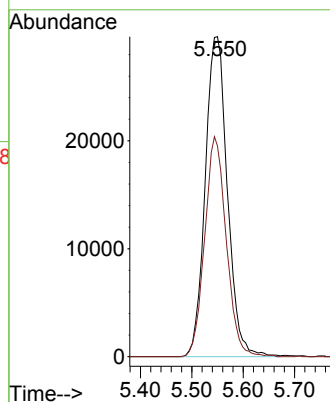
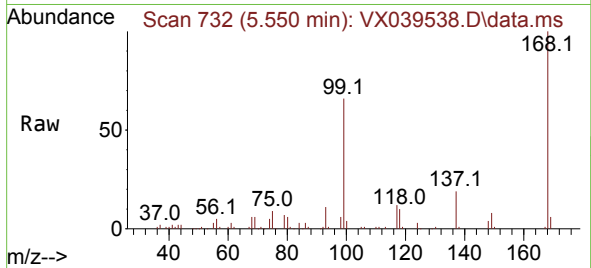




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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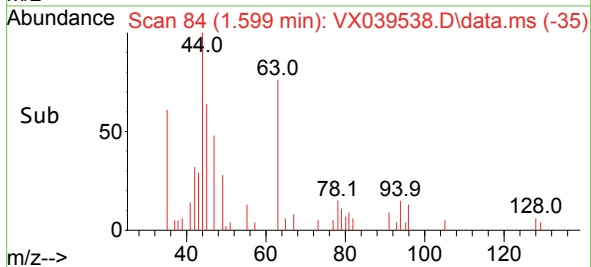
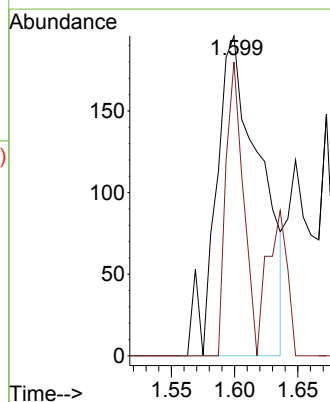
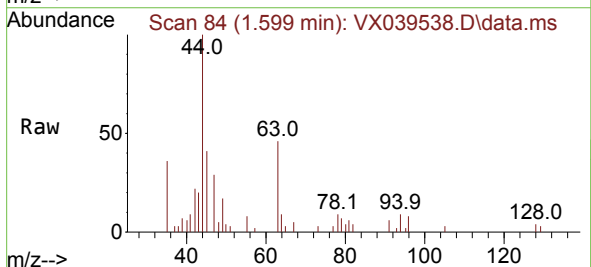
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5-A

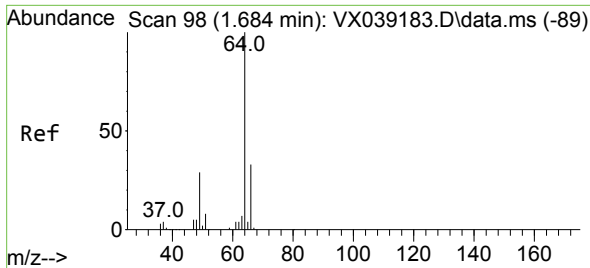
Tgt Ion:168 Resp: 88857
Ion Ratio Lower Upper
168 100
99 65.9 56.6 85.0



#5
Bromomethane
Concen: 0.647 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

Tgt Ion: 94 Resp: 479
Ion Ratio Lower Upper
94 100
96 91.8 74.6 111.8

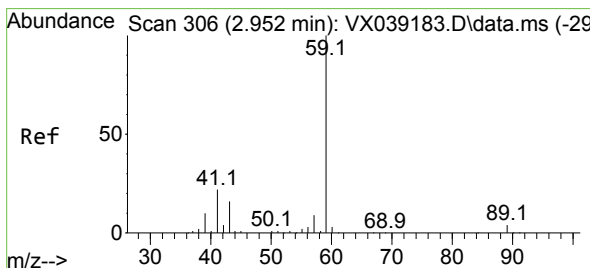
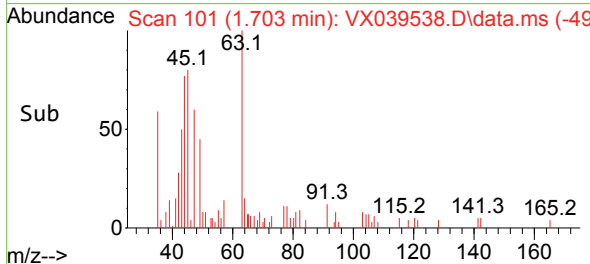
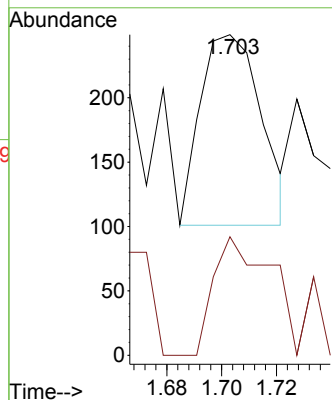
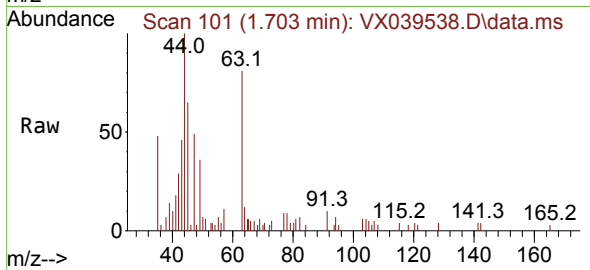




#6
Chloroethane
Concen: 0.295 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.019 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

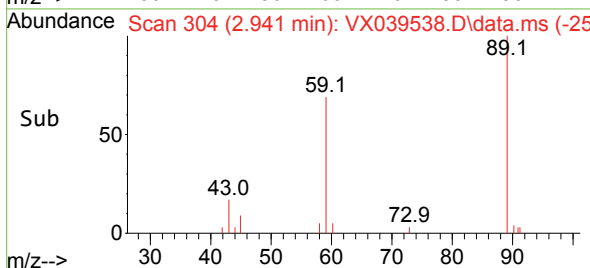
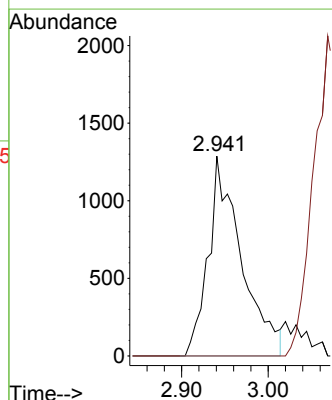
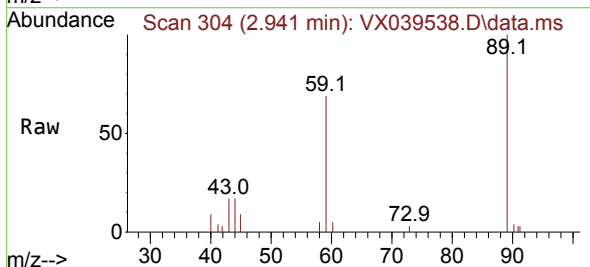
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5-A

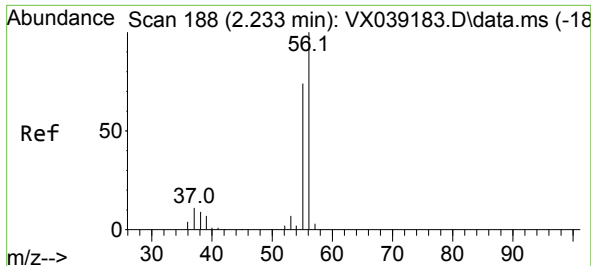
Tgt Ion: 64 Resp: 229
Ion Ratio Lower Upper
64 100
66 62.2 25.1 37.7#



#11
Tert butyl alcohol
Concen: 8.352 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

Tgt Ion: 59 Resp: 3414
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.340 ug/l

RT: 2.172 min Scan# 111

Delta R.T. -0.061 min

Lab File: VX039538.D

Acq: 29 Dec 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

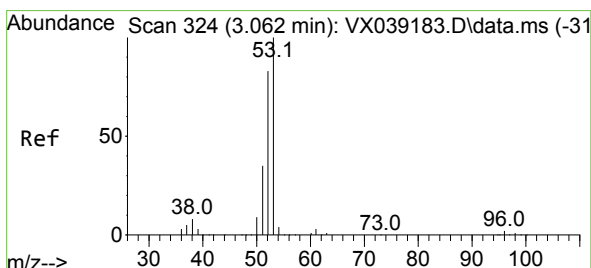
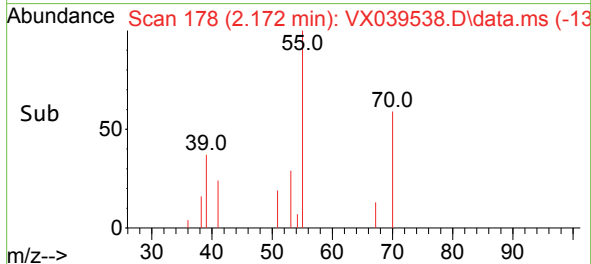
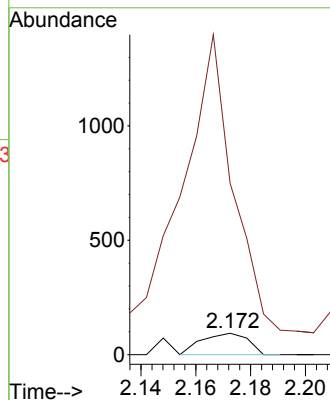
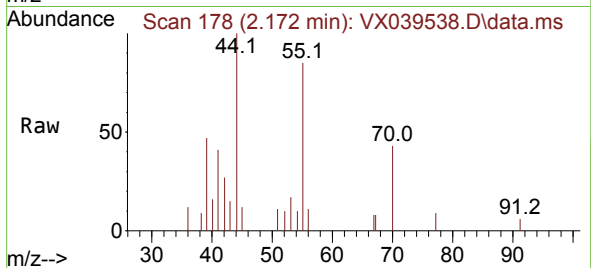
SB32-2-20231222-7.5-8.5-A

Tgt Ion: 56 Resp: 111

Ion Ratio Lower Upper

56 100

55 1563.1 57.1 85.7#



#15

Acrylonitrile

Concen: 0.215 ug/l

RT: 3.056 min Scan# 323

Delta R.T. -0.006 min

Lab File: VX039538.D

Acq: 29 Dec 2023 12:27

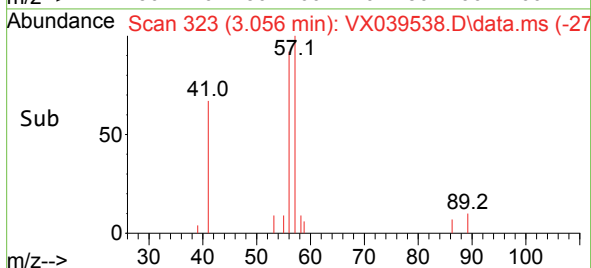
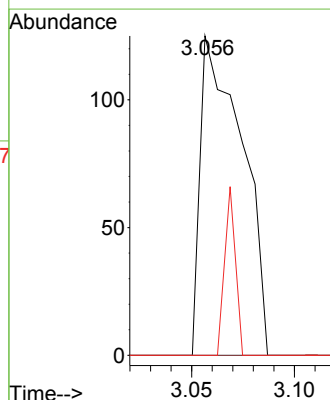
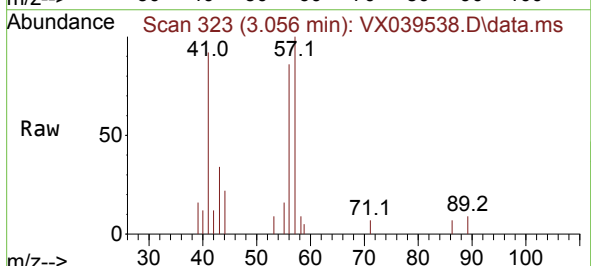
Tgt Ion: 53 Resp: 176

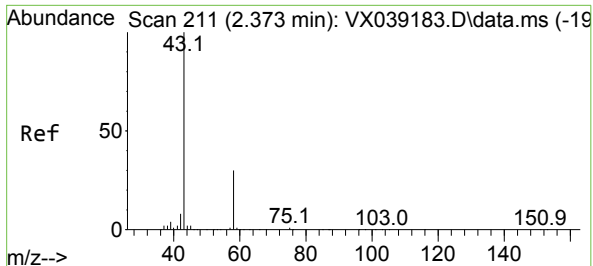
Ion Ratio Lower Upper

53 100

52 0.0 66.0 99.0#

51 13.6 29.8 44.6#

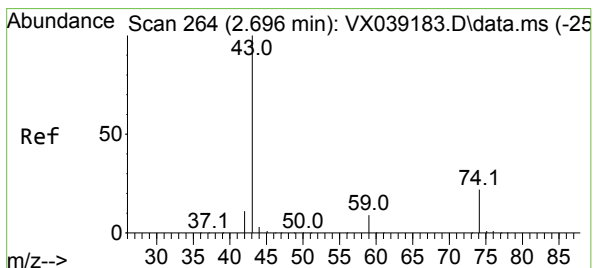
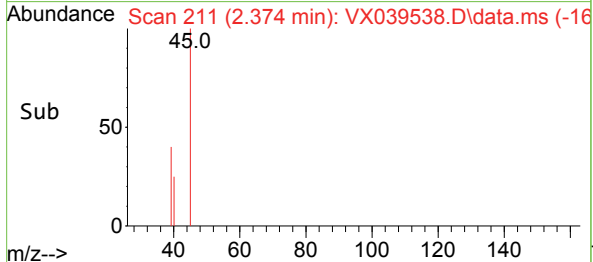
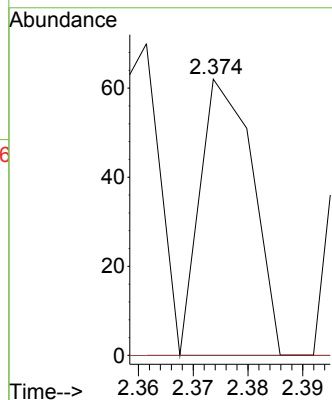
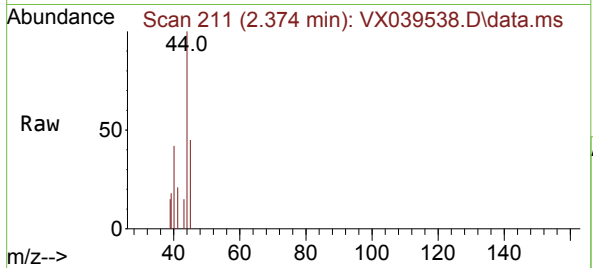




#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

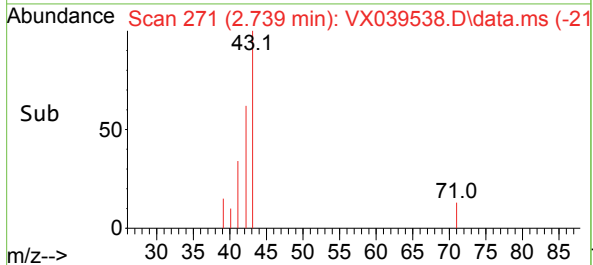
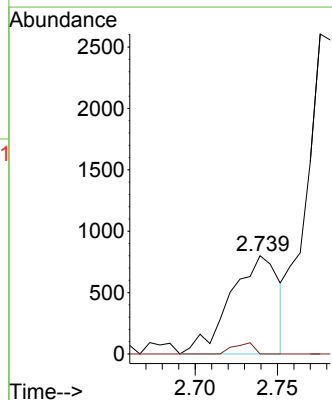
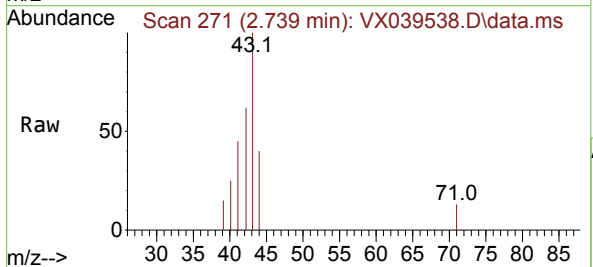
Instrument : MSVOA_X
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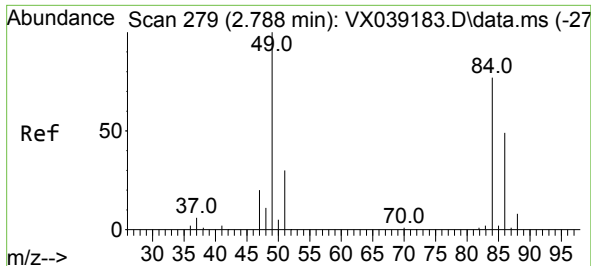
Tgt Ion: 43 Resp: 41
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#18
Methyl Acetate
Concen: 0.460 ug/l
RT: 2.739 min Scan# 271
Delta R.T. 0.043 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

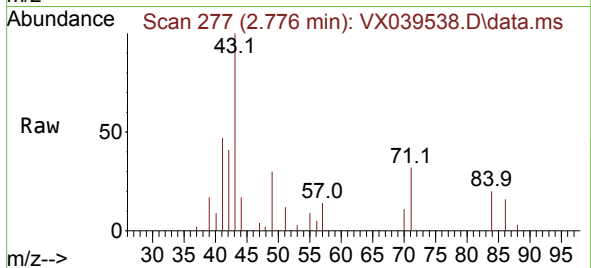
Tgt Ion: 43 Resp: 1621
Ion Ratio Lower Upper
43 100
74 4.9 17.8 26.8#



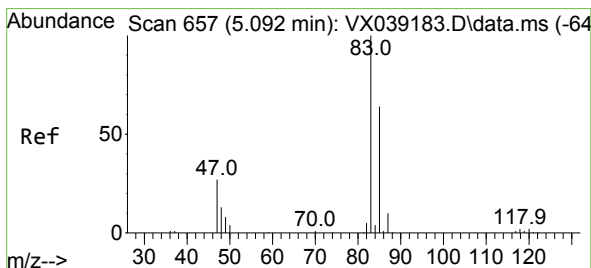
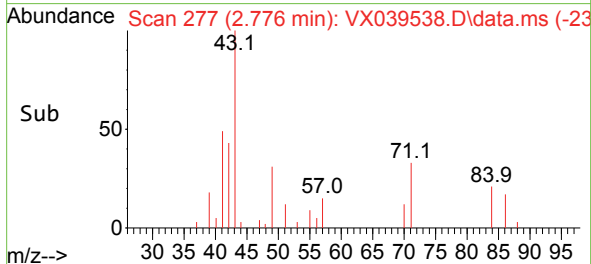
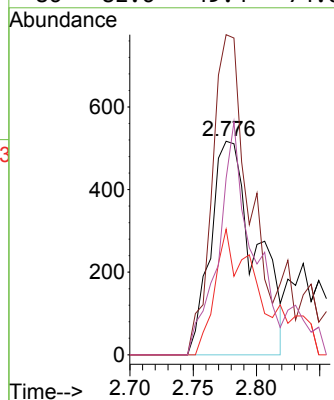


#20
Methylene Chloride
Concen: 0.939 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5-A

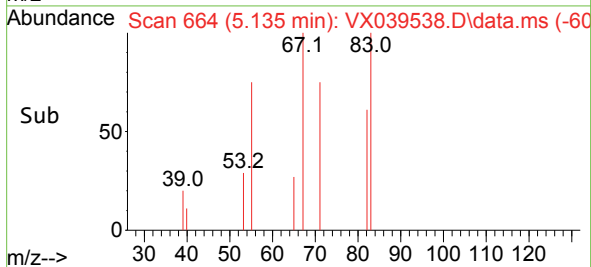
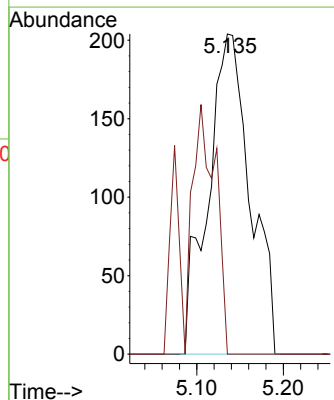
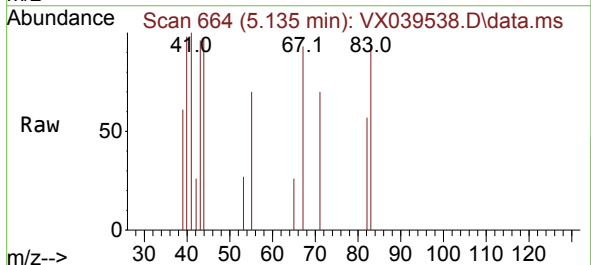


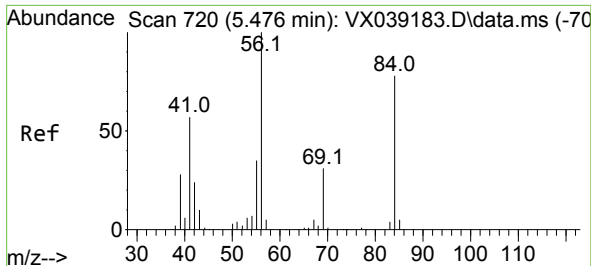
Tgt Ion: 84	Resp: 1274
Ion Ratio	Lower Upper
84	100
49	149.9 103.6 155.4
51	58.8 33.8 50.6#
86	82.6 49.4 74.0#



#30
Chloroform
Concen: 0.290 ug/l
RT: 5.135 min Scan# 664
Delta R.T. 0.043 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

Tgt Ion: 83	Resp: 691
Ion Ratio	Lower Upper
83	100
85	0.0 50.3 75.5#

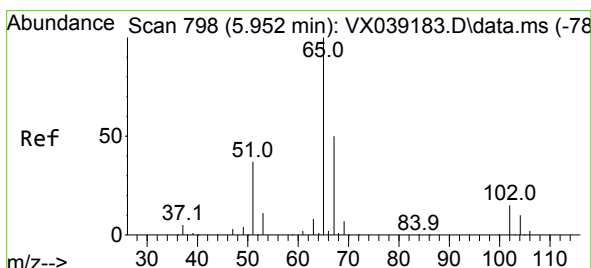
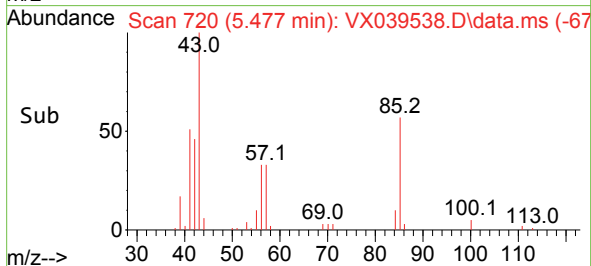
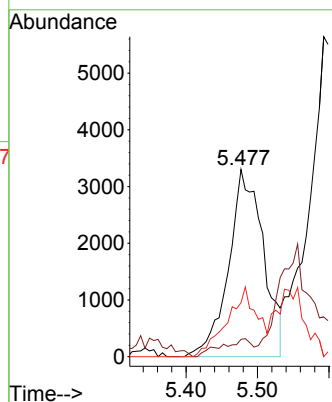
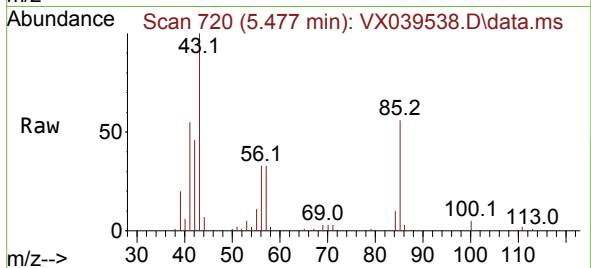




#31
Cyclohexane
Concen: 5.297 ug/l
RT: 5.477 min Scan# 711
Delta R.T. 0.000 min
Lab File: VX039538.D
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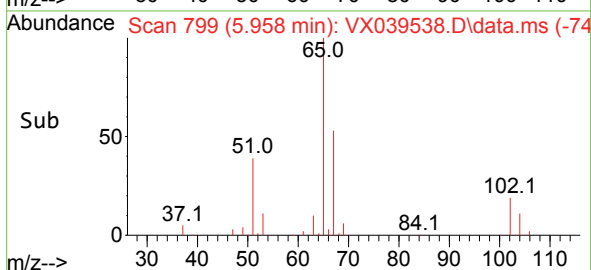
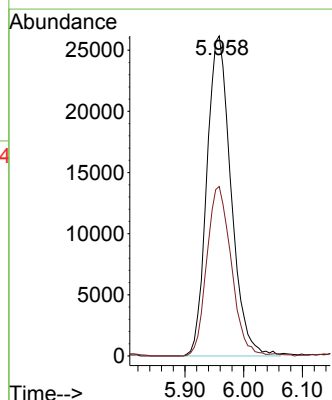
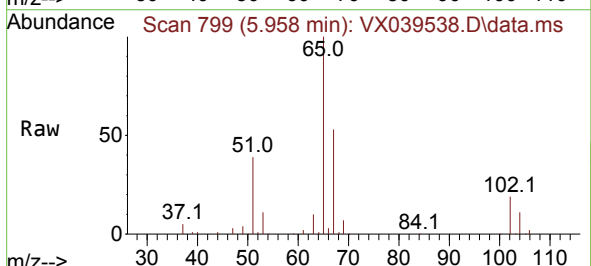
Instrument :
MSVOA_X
ClientSampleId :
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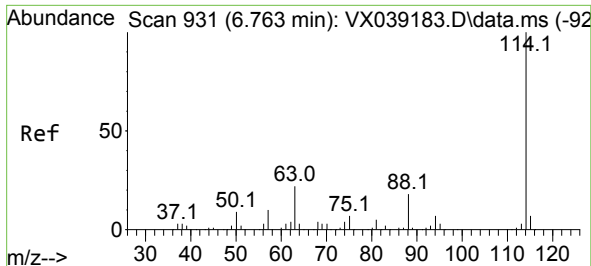
Tgt Ion: 56 Resp: 11136
Ion Ratio Lower Upper
56 100
69 6.2 23.4 35.2#
84 28.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.985 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.007 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

Tgt Ion: 65 Resp: 74855
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.2

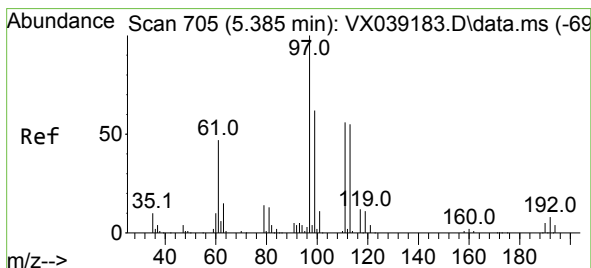
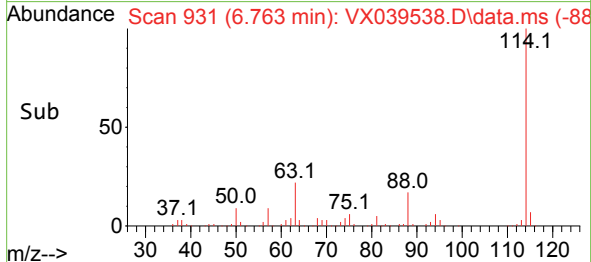
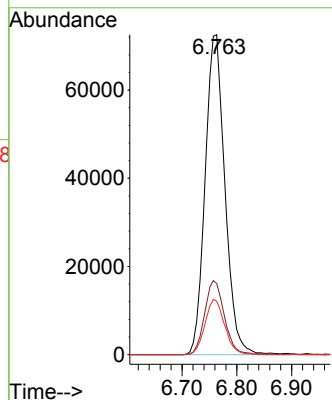
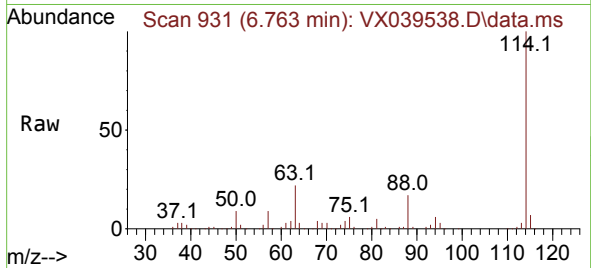




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

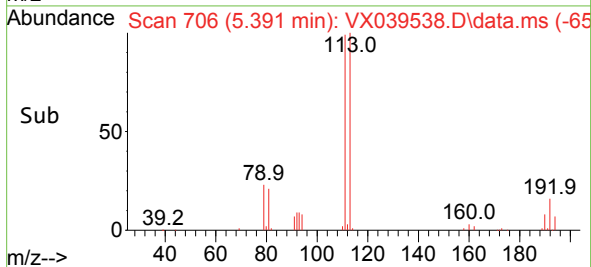
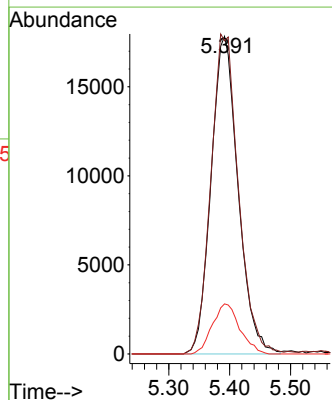
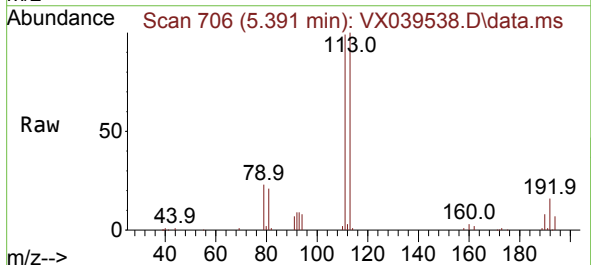
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5-A

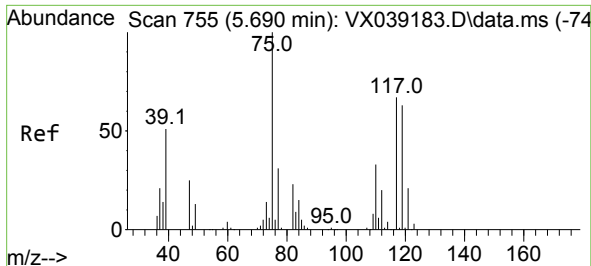
Tgt Ion:114 Resp: 181753
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.674 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.007 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

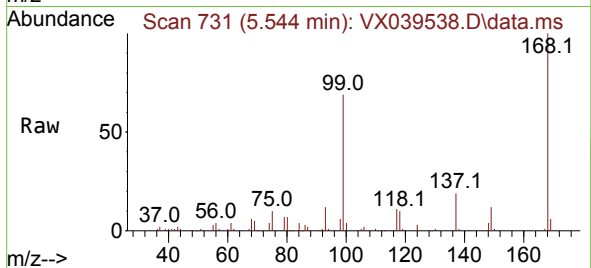
Tgt Ion:113 Resp: 54839
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 16.1 13.3 19.9



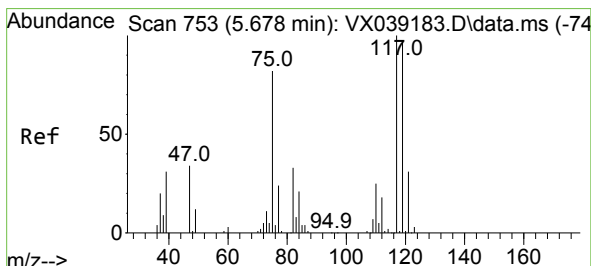
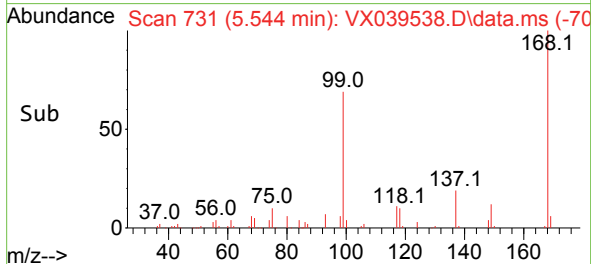
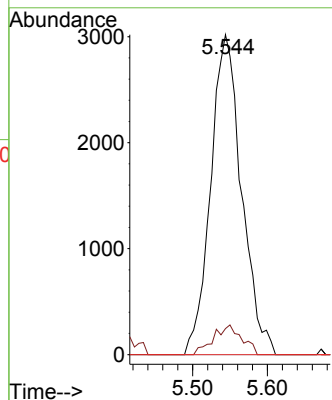


#36
 1,1-Dichloropropene
 Concen: 4.375 ug/l
 RT: 5.544 min Scan# 71
 Delta R.T. -0.146 min
 Lab File: VX039538.D
 Acq: 29 Dec 2023 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 SB32-2-20231222-7.5-8.5-A

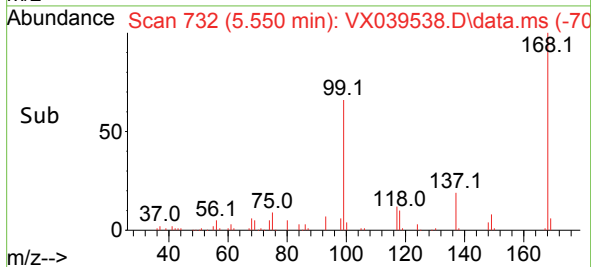
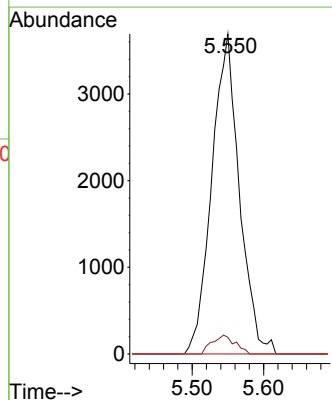
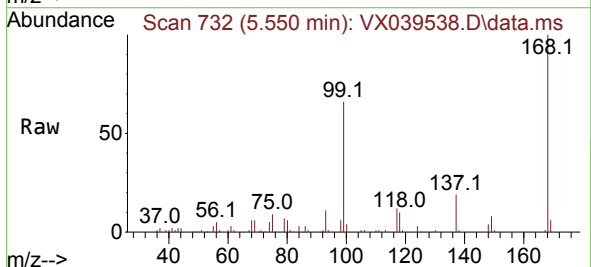


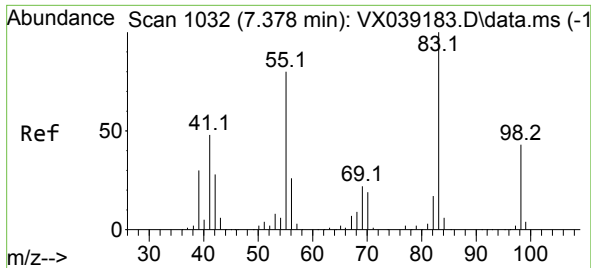
Tgt Ion: 75 Resp: 8668
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.231 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.128 min
 Lab File: VX039538.D
 Acq: 29 Dec 2023 12:27

Tgt Ion: 117 Resp: 9892
 Ion Ratio Lower Upper
 117 100
 119 5.2 78.2 117.2#
 121 0.0 24.4 36.6#

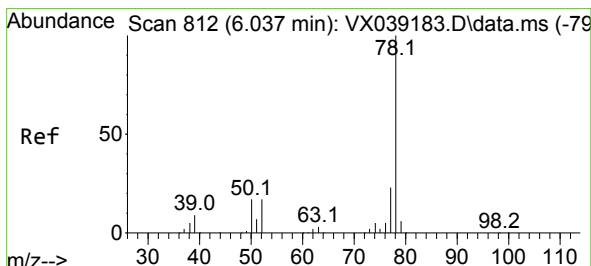
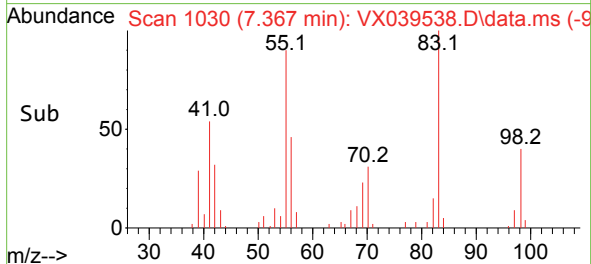
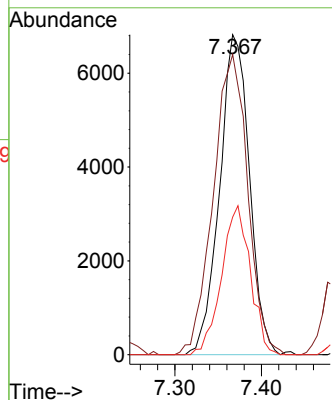
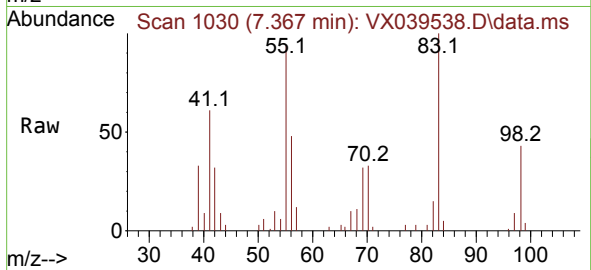




#39
Methylcyclohexane
Concen: 6.858 ug/l
RT: 7.367 min Scan# 10
Delta R.T. -0.012 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

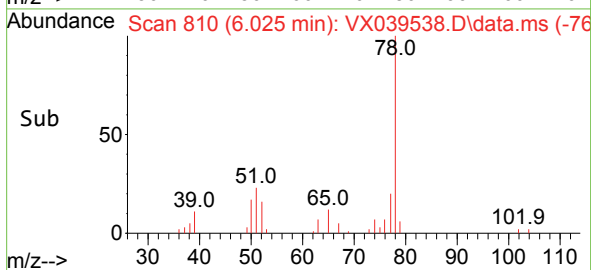
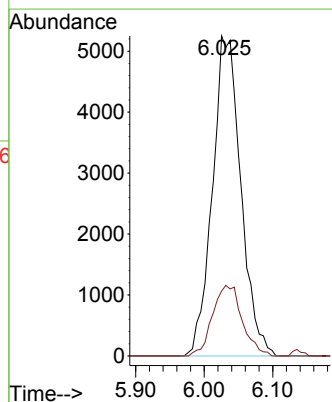
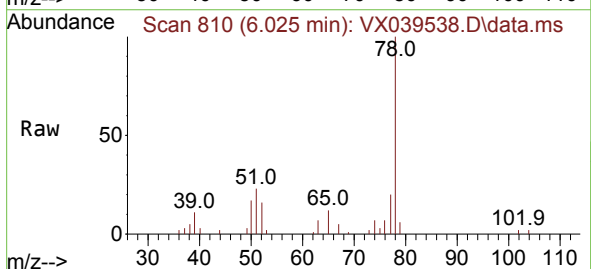
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5-A

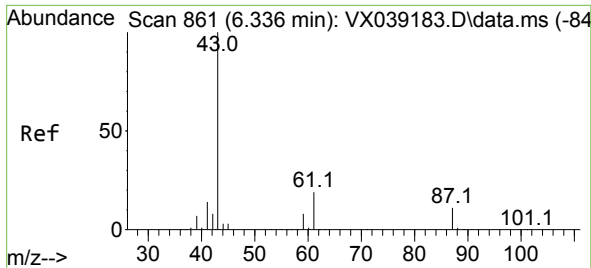
Tgt Ion: 83 Resp: 16323
Ion Ratio Lower Upper
83 100
55 93.0 64.6 97.0
98 43.0 36.7 55.1



#40
Benzene
Concen: 2.696 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.012 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

Tgt Ion: 78 Resp: 15109
Ion Ratio Lower Upper
78 100
77 20.3 19.3 28.9





#43

Isopropyl Acetate

Concen: 9.051 ug/l

RT: 6.233 min Scan# 84

Delta R.T. -0.103 min

Lab File: VX039538.D

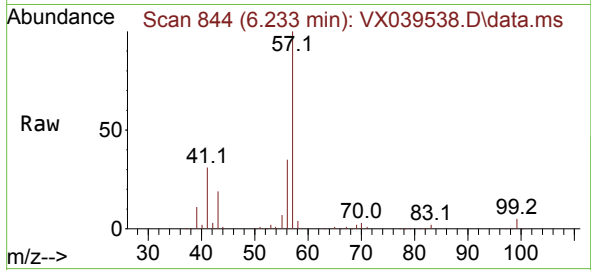
Acq: 29 Dec 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5-A



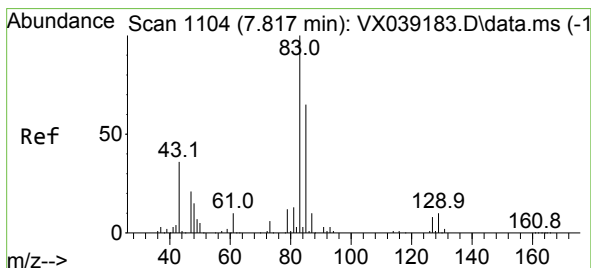
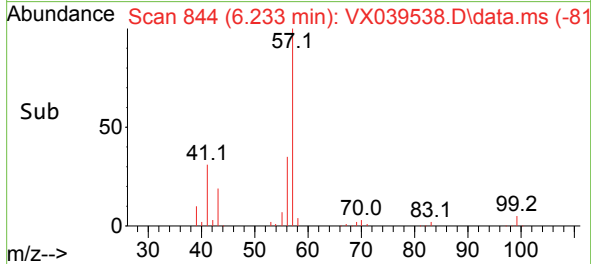
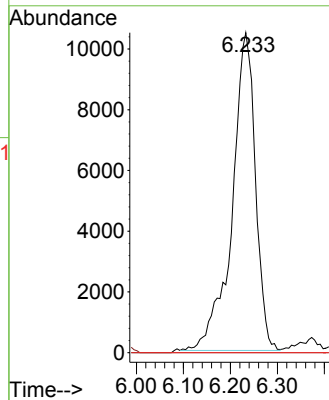
Tgt Ion: 43 Resp: 36031

Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.6#



#47

Bromodichloromethane

Concen: 0.486 ug/l

RT: 7.763 min Scan# 1095

Delta R.T. -0.054 min

Lab File: VX039538.D

Acq: 29 Dec 2023 12:27

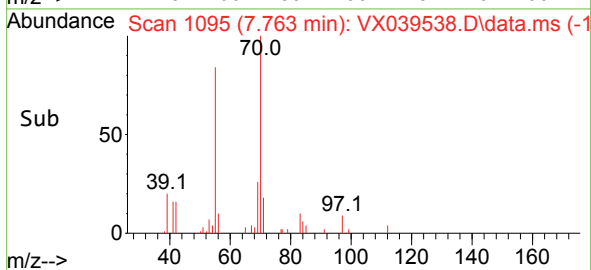
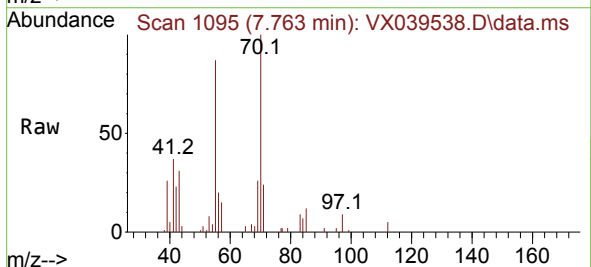
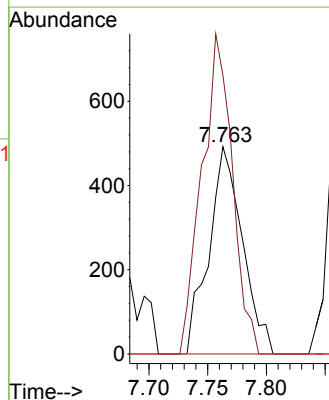
Tgt Ion: 83 Resp: 982

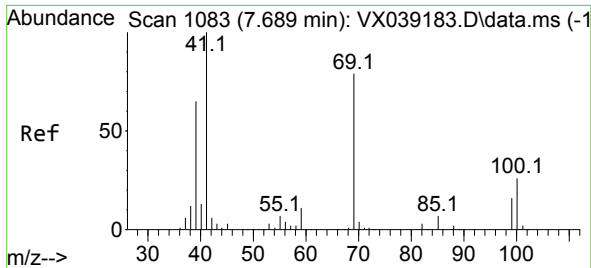
Ion Ratio Lower Upper

83 100

85 134.6 49.8 74.6#

127 0.0 7.1 10.7#

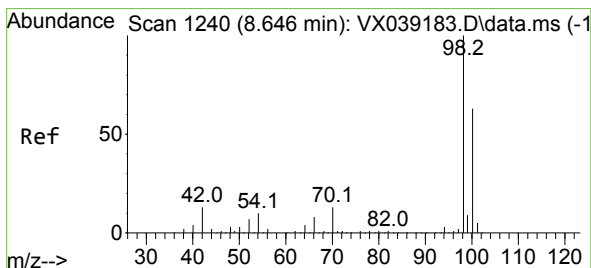
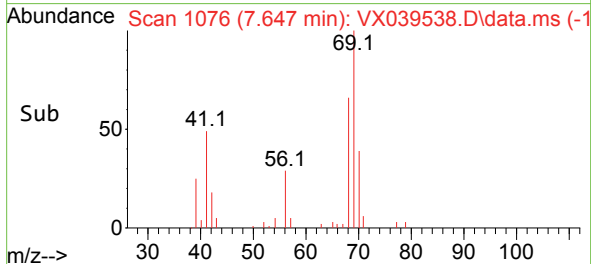
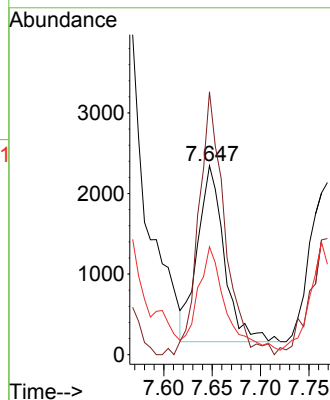
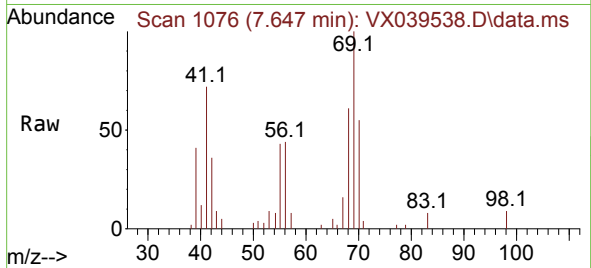




#48
Methyl methacrylate
Concen: 1.809 ug/l
RT: 7.647 min Scan# 1083
Delta R.T. -0.042 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

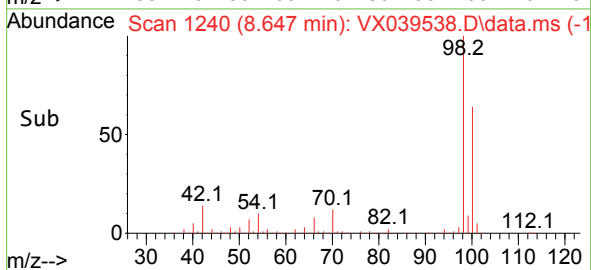
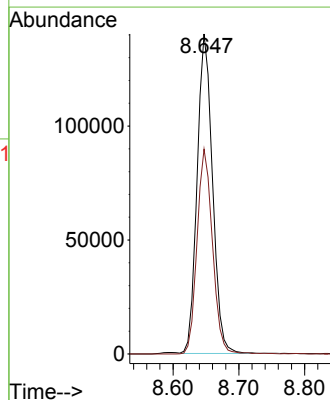
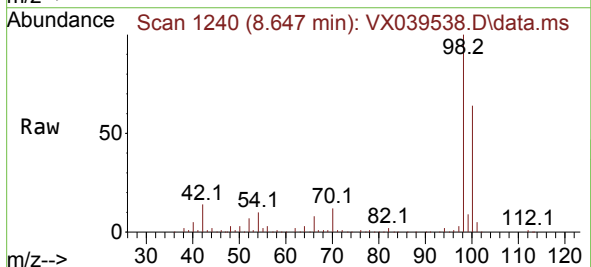
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5-A

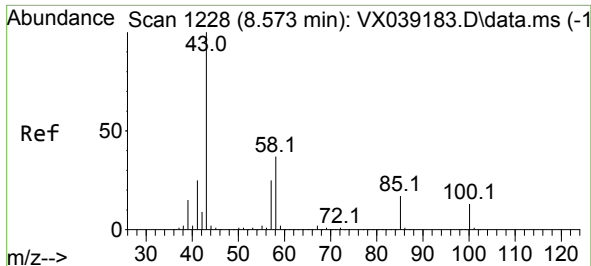
Tgt Ion: 41 Resp: 4209
Ion Ratio Lower Upper
41 100
69 144.9 59.2 88.8#
39 59.4 47.7 71.5



#50
Toluene-d8
Concen: 48.710 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

Tgt Ion: 98 Resp: 227065
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

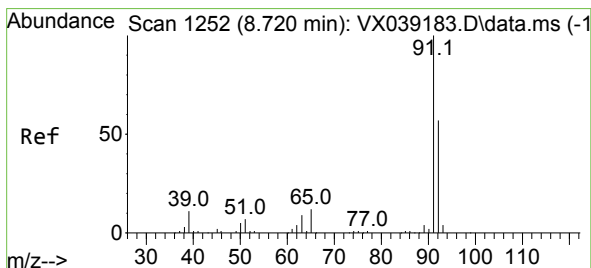
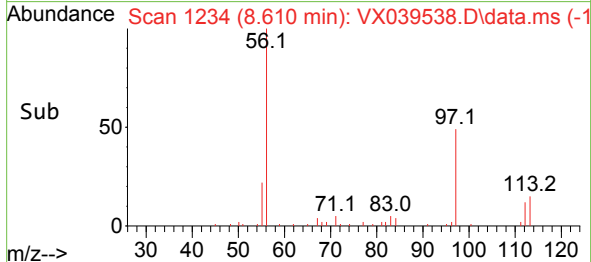
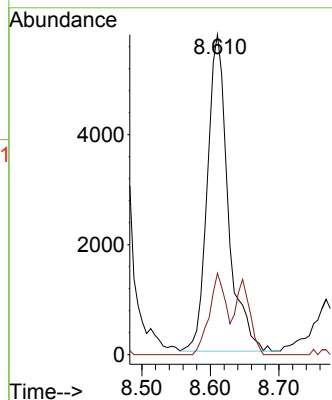
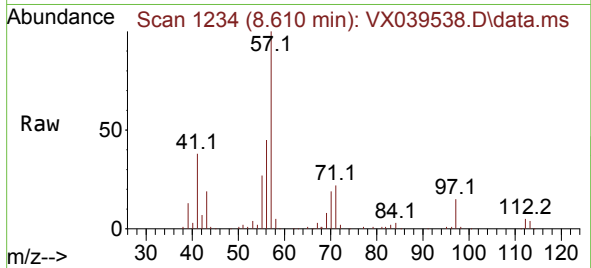




#51
4-Methyl-2-Pentanone
Concen: 4.799 ug/l
RT: 8.610 min Scan# 1234
Delta R.T. 0.037 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

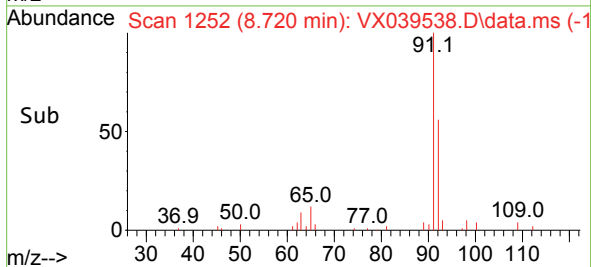
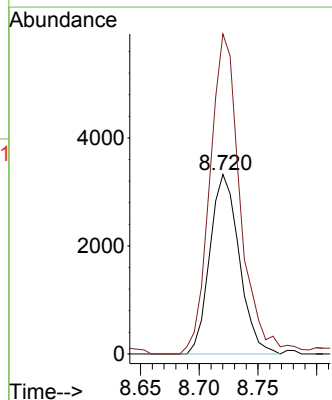
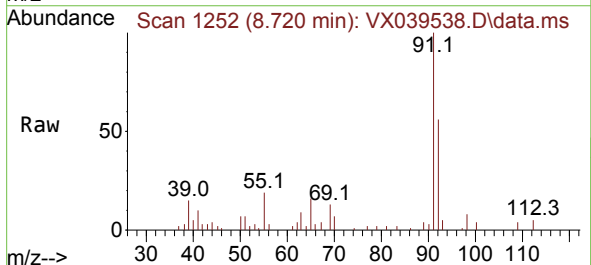
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5-A

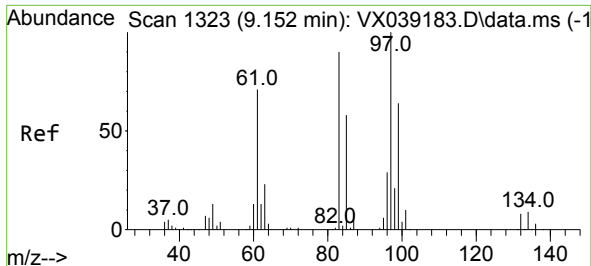
Tgt Ion: 43 Resp: 12171
Ion Ratio Lower Upper
43 100
58 20.6 30.4 45.6#



#52
Toluene
Concen: 1.708 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

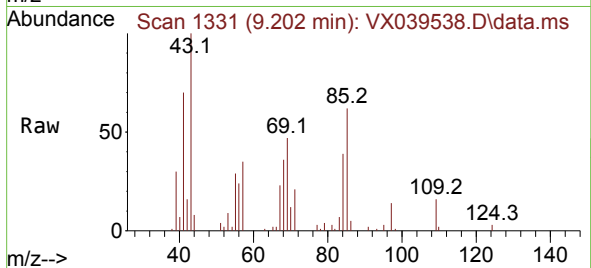
Tgt Ion: 92 Resp: 5777
Ion Ratio Lower Upper
92 100
91 185.1 134.2 201.2



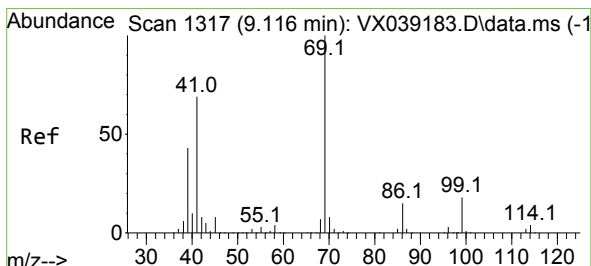
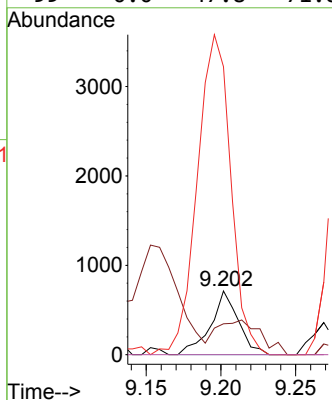
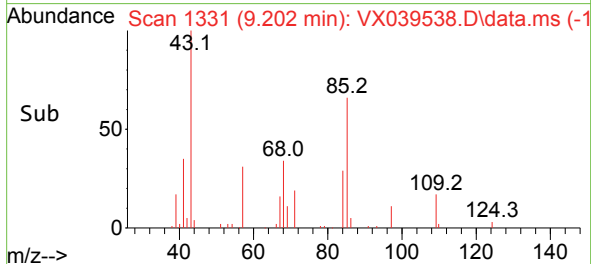


#55
1,1,2-Trichloroethane
Concen: 0.652 ug/l
RT: 9.202 min Scan# 1331
Delta R.T. 0.049 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5-A

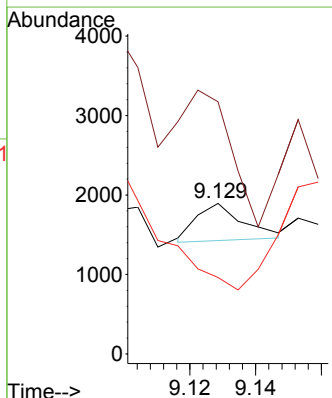
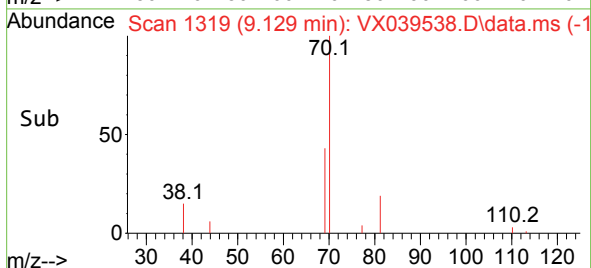
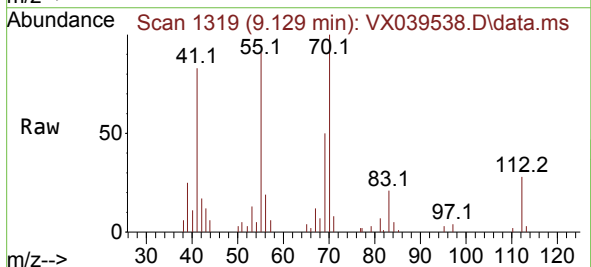


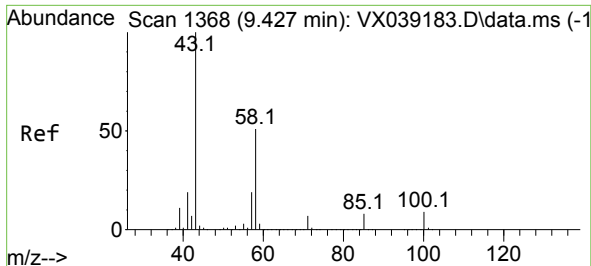
Tgt Ion	Ratio	Lower	Upper
97	100		
83	29.1	65.8	98.8#
85	452.5	41.6	62.4#
99	0.0	47.8	71.8#



#56
Ethyl methacrylate
Concen: 0.270 ug/l
RT: 9.129 min Scan# 1319
Delta R.T. 0.013 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

Tgt Ion	Ratio	Lower	Upper
69	100		
41	0.0	56.8	85.2#
39	0.0	32.0	48.0#

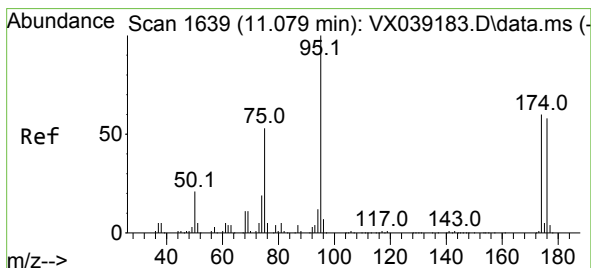
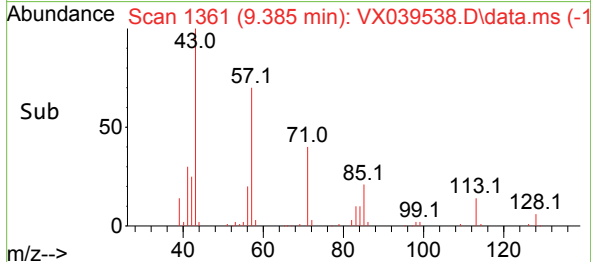
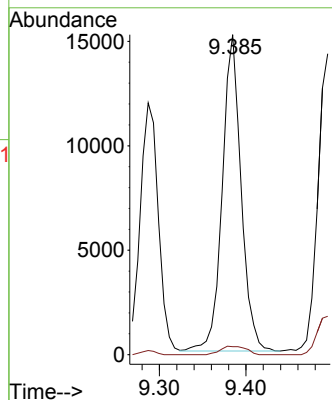
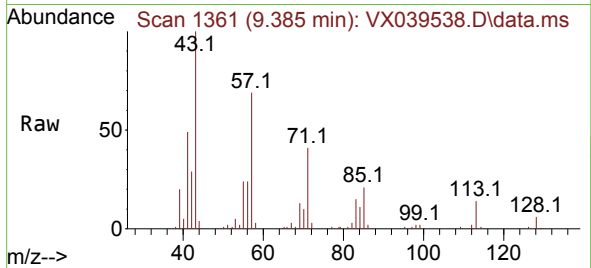




#59
2-Hexanone
Concen: 10.443 ug/l
RT: 9.385 min Scan# 11
Delta R.T. -0.042 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

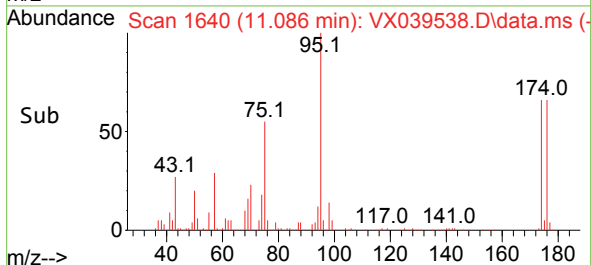
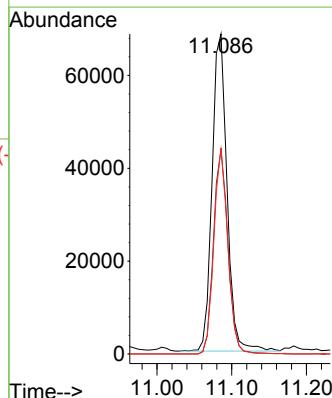
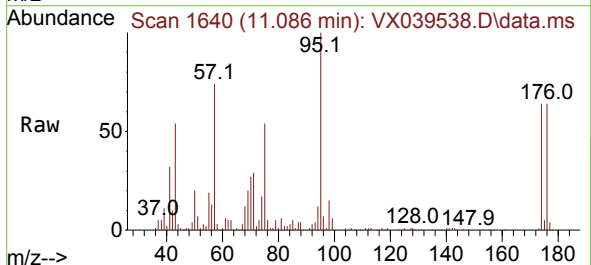
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5-A

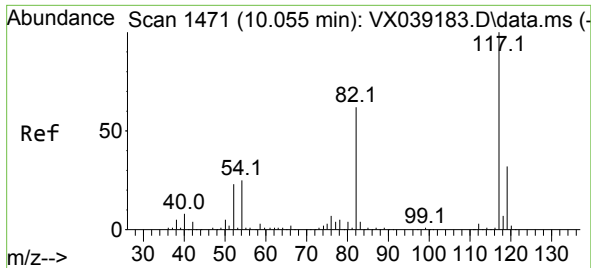
Tgt Ion: 43 Resp: 22859
Ion Ratio Lower Upper
43 100
58 3.6 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 49.499 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.007 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

Tgt Ion: 95 Resp: 95204
Ion Ratio Lower Upper
95 100
174 62.4 0.0 135.6
176 60.4 0.0 131.0

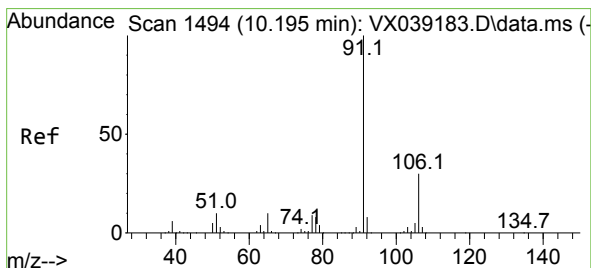
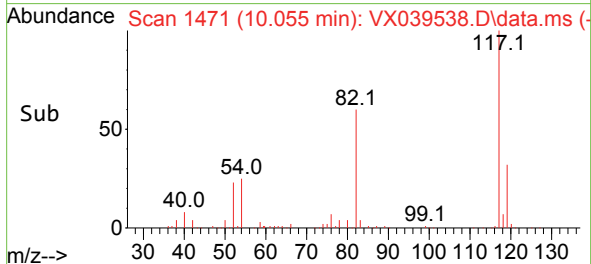
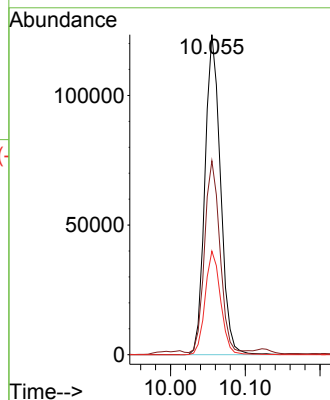
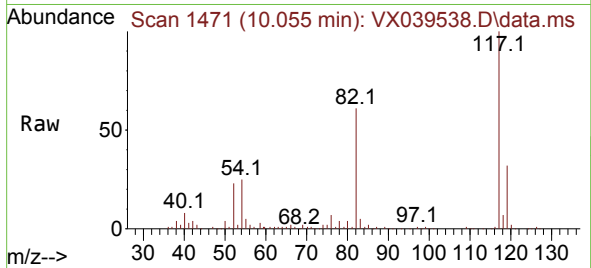




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

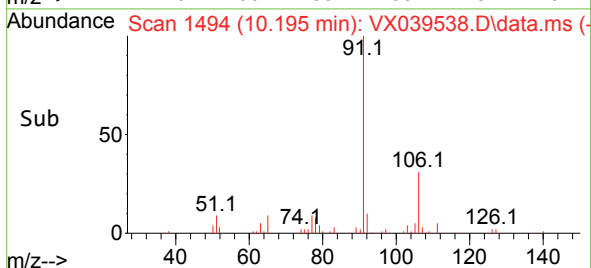
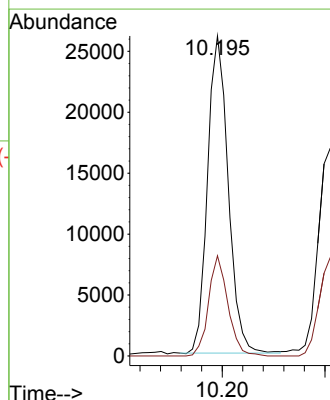
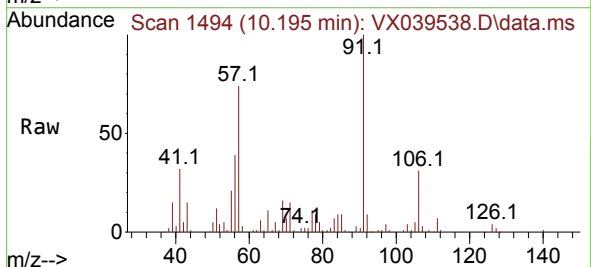
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5-A

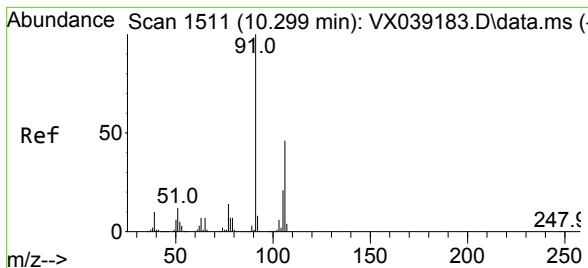
Tgt Ion:117 Resp: 178548
Ion Ratio Lower Upper
117 100
82 60.2 46.2 69.4
119 32.4 25.5 38.3



#67
Ethyl Benzene
Concen: 5.011 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

Tgt Ion: 91 Resp: 36349
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

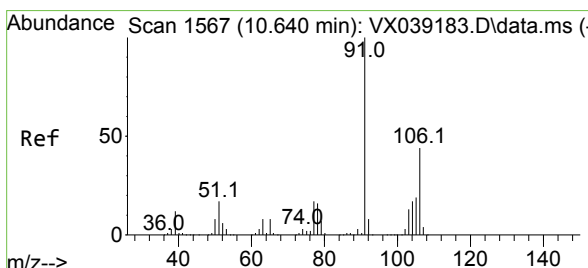
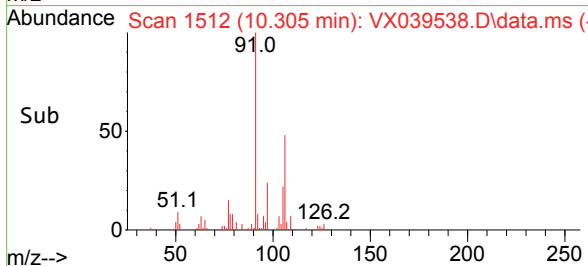
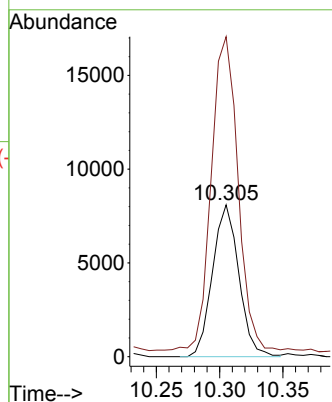
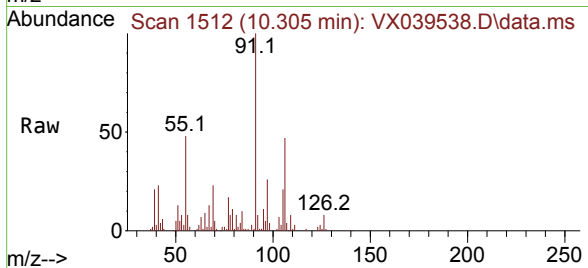




#68
m/p-Xylenes
Concen: 4.509 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.007 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

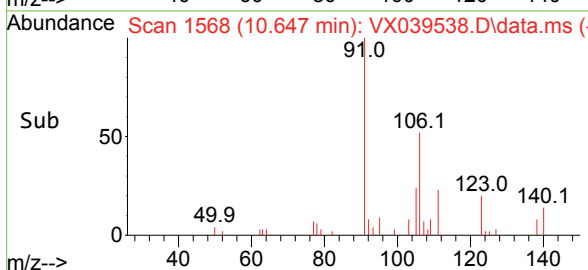
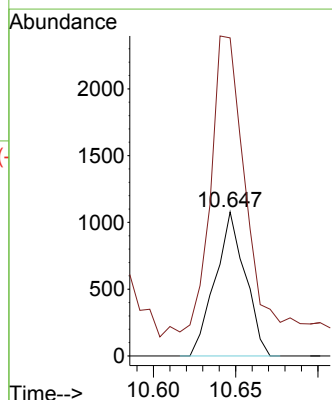
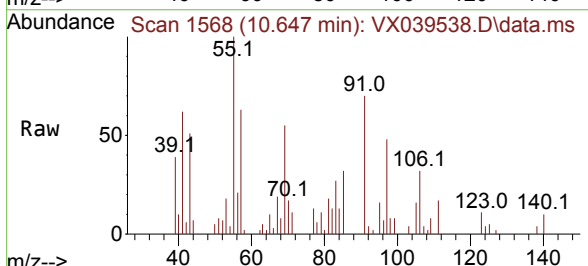
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5-A

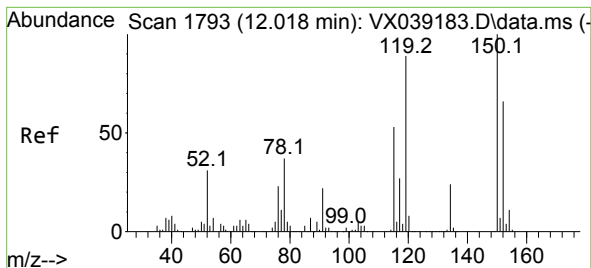
Tgt Ion:106 Resp: 11729
Ion Ratio Lower Upper
106 100
91 212.3 165.5 248.3



#69
o-Xylene
Concen: 0.545 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.007 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

Tgt Ion:106 Resp: 1371
Ion Ratio Lower Upper
106 100
91 280.9 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX039538.D

Acq: 29 Dec 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5-A

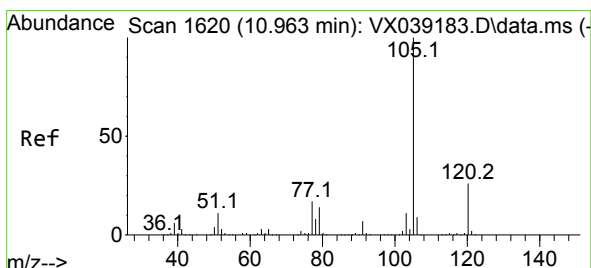
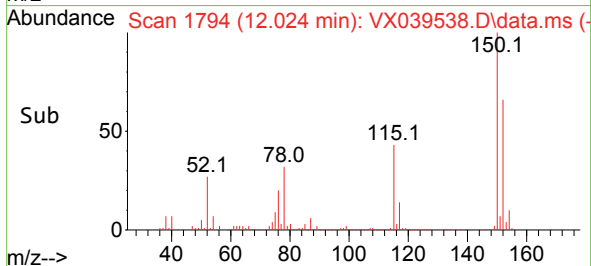
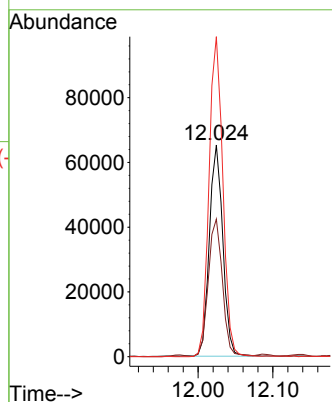
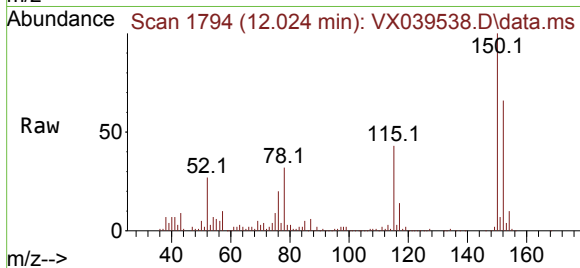
Tgt Ion:152 Resp: 81472

Ion Ratio Lower Upper

152 100

115 67.8 43.3 129.9

150 155.1 0.0 345.0



#73

Isopropylbenzene

Concen: 5.627 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX039538.D

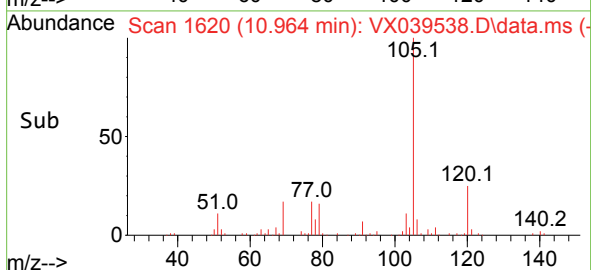
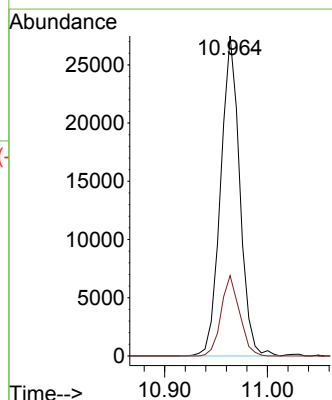
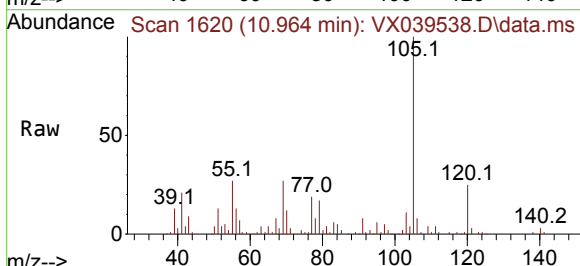
Acq: 29 Dec 2023 12:27

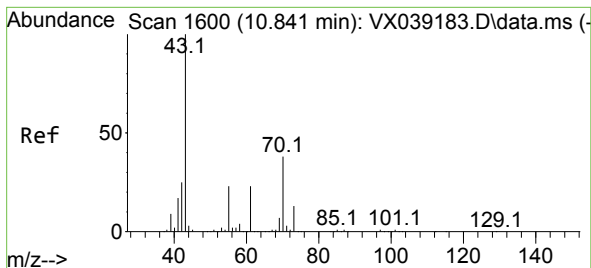
Tgt Ion:105 Resp: 35373

Ion Ratio Lower Upper

105 100

120 24.2 12.9 38.6





#74

N-amy1 acetate

Concen: 4.308 ug/l

RT: 10.854 min Scan# 1

Delta R.T. 0.013 min

Lab File: VX039538.D

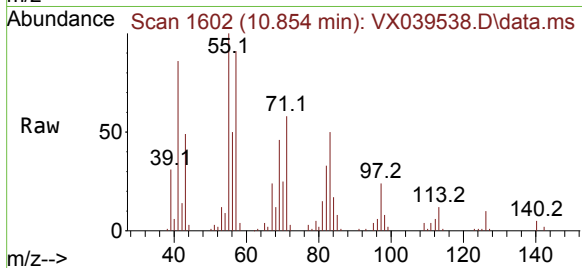
Acq: 29 Dec 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5-A



Tgt Ion: 43 Resp: 13702

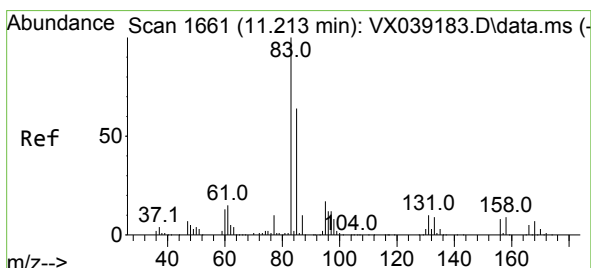
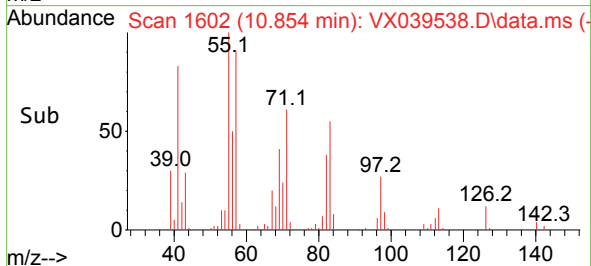
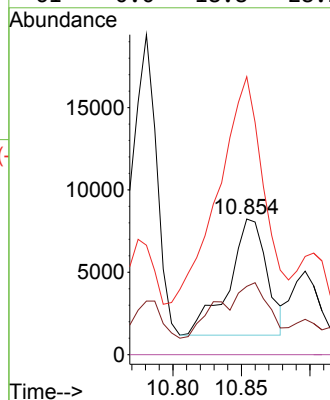
Ion Ratio Lower Upper

43 100

70 61.6 32.9 49.3#

55 223.6 19.3 28.9#

61 0.0 18.8 28.2#



#75

1,1,2,2-Tetrachloroethane

Concen: 2.545 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.018 min

Lab File: VX039538.D

Acq: 29 Dec 2023 12:27

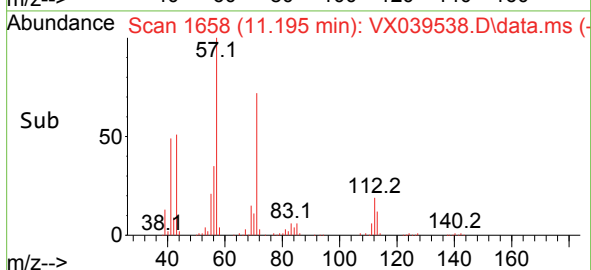
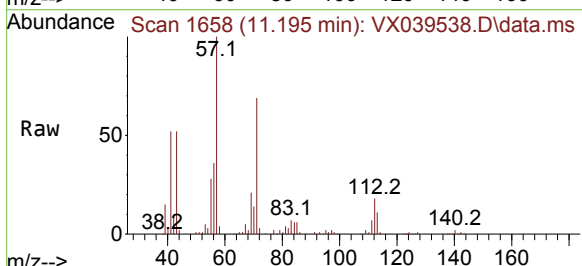
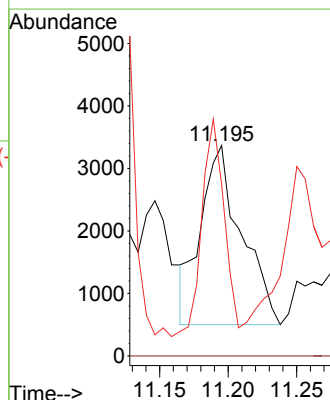
Tgt Ion: 83 Resp: 5952

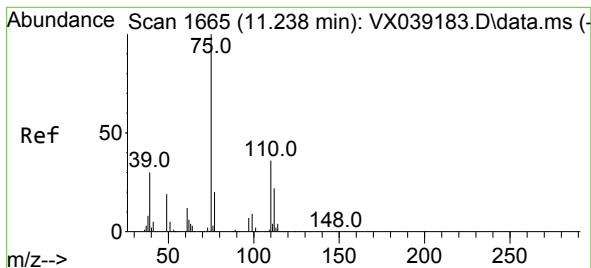
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 72.9 32.0 96.2





#76

1,2,3-Trichloropropane

Concen: 0.756 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.067 min

Lab File: VX039538.D

Acq: 29 Dec 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

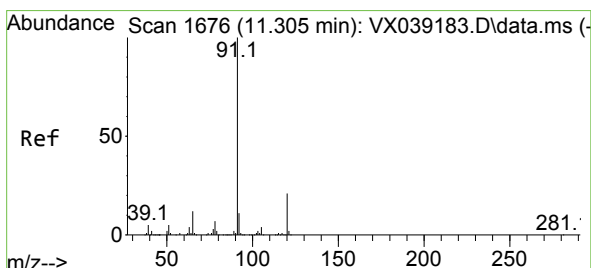
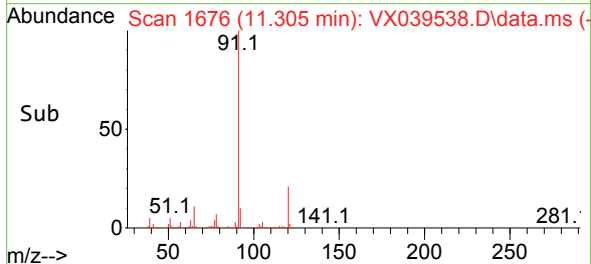
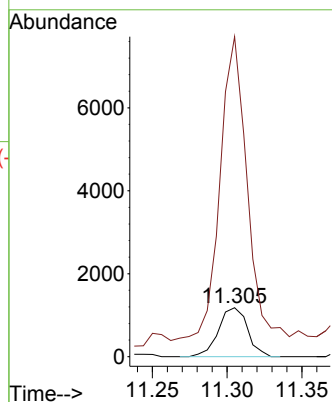
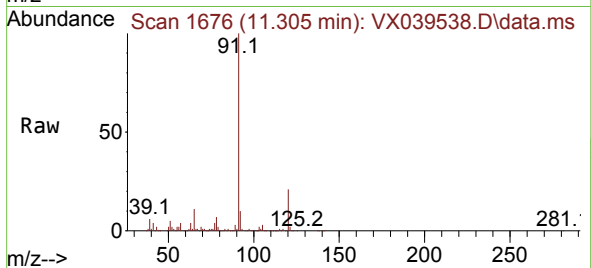
SB32-2-20231222-7.5-8.5-A

Tgt Ion: 75 Resp: 1593

Ion Ratio Lower Upper

75 100

77 588.1 19.1 57.5#



#78

n-propylbenzene

Concen: 27.870 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039538.D

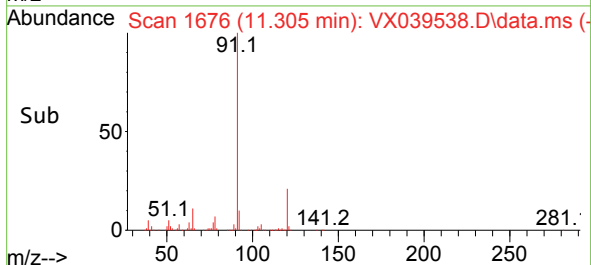
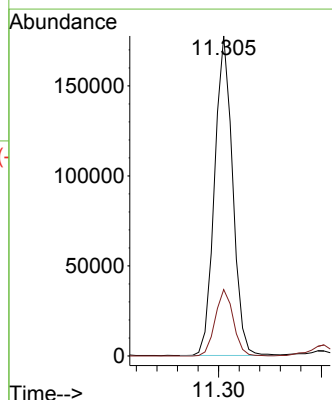
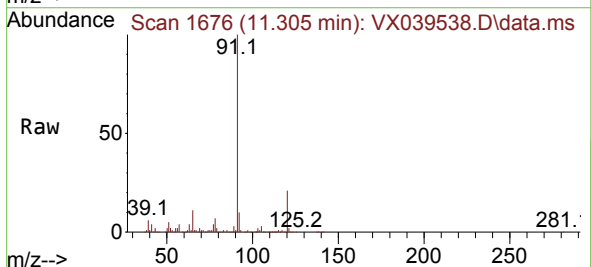
Acq: 29 Dec 2023 12:27

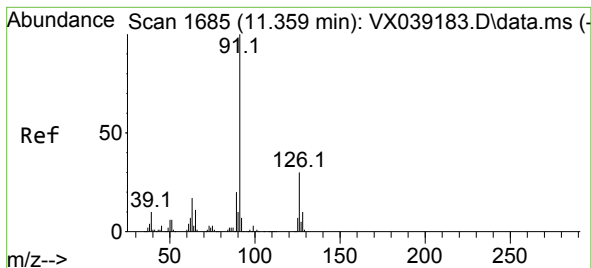
Tgt Ion: 91 Resp: 215846

Ion Ratio Lower Upper

91 100

120 20.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 46.075 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.054 min

Lab File: VX039538.D

Acq: 29 Dec 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

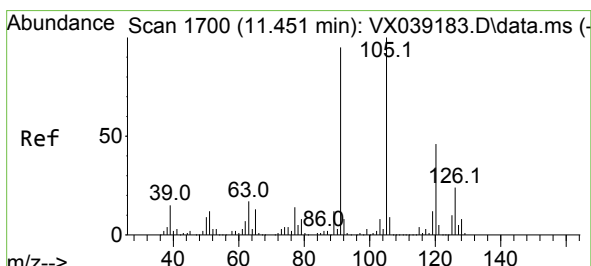
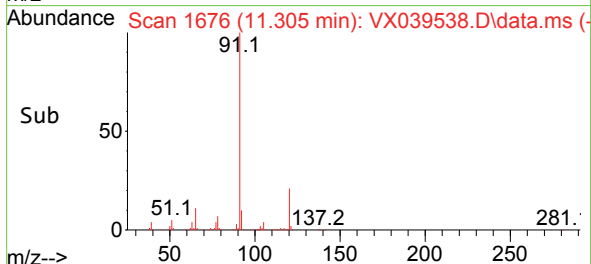
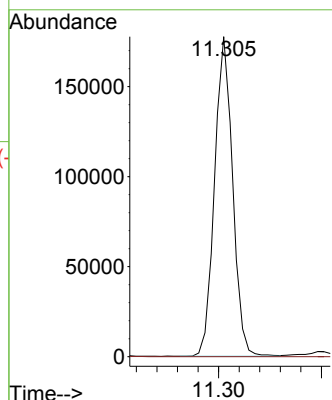
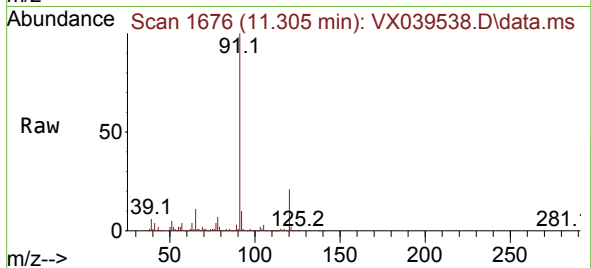
SB32-2-20231222-7.5-8.5-A

Tgt Ion: 91 Resp: 215846

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 1.777 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039538.D

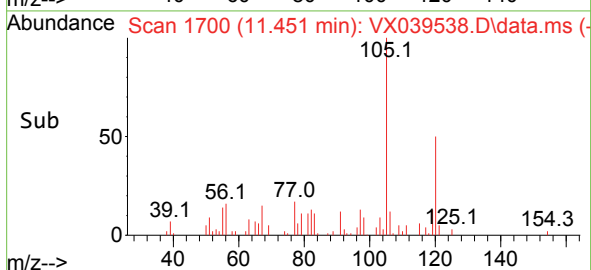
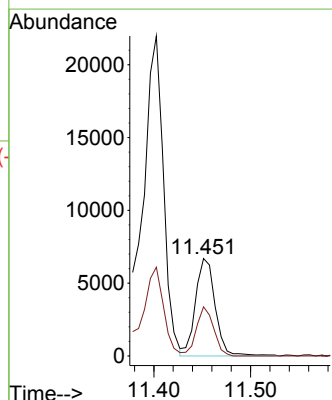
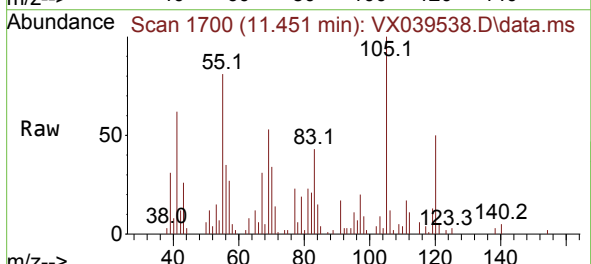
Acq: 29 Dec 2023 12:27

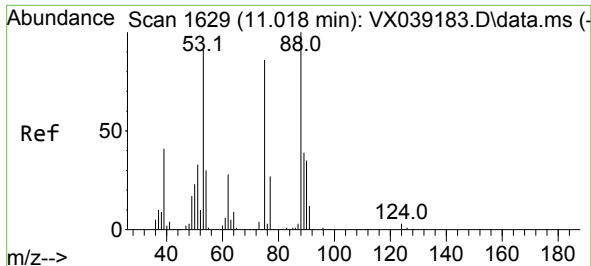
Tgt Ion: 105 Resp: 9518

Ion Ratio Lower Upper

105 100

120 44.1 24.1 72.3

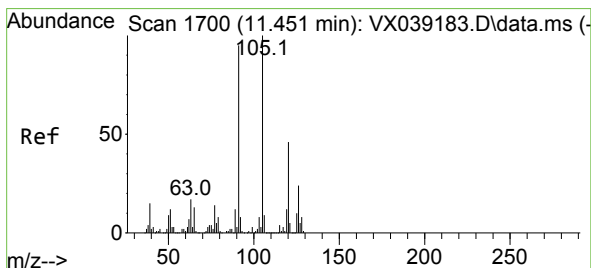
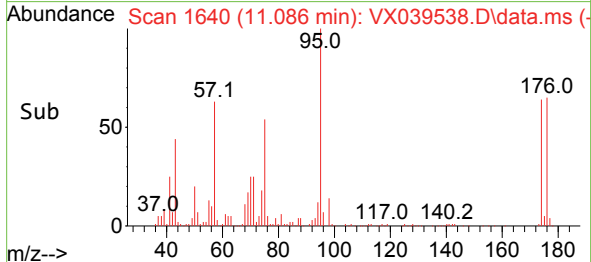
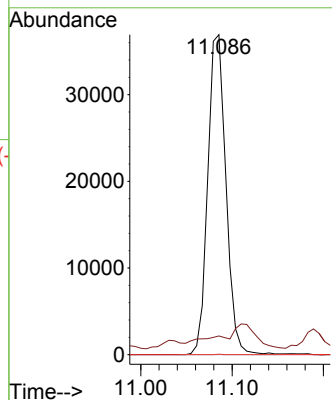
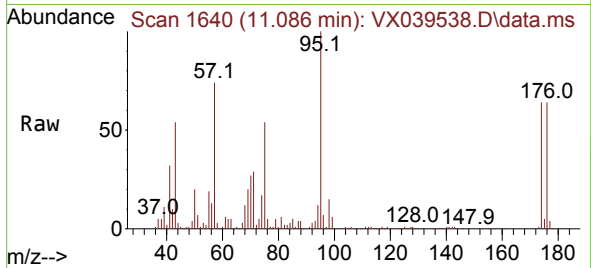




#81
trans-1,4-Dichloro-2-butene
Concen: 68.364 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.068 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

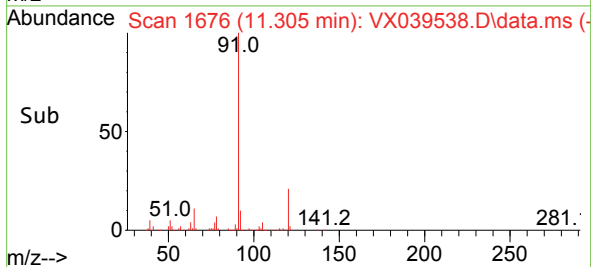
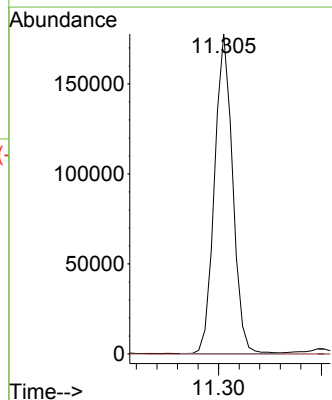
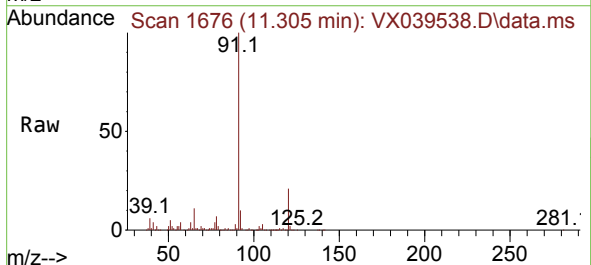
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5-A

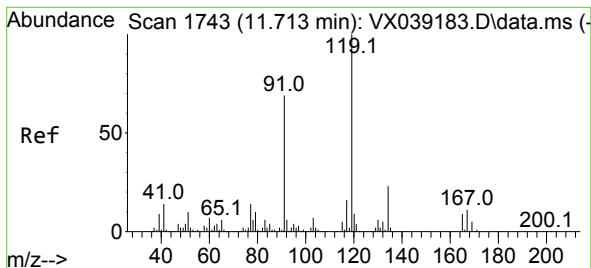
Tgt Ion: 75 Resp: 51081
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 39.228 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.146 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

Tgt Ion: 91 Resp: 215846
Ion Ratio Lower Upper
91 100
126 0.0 14.2 42.6#





#83

tert-Butylbenzene

Concen: 1.449 ug/l

RT: 11.970 min Scan# 1785

Delta R.T. 0.256 min

Lab File: VX039538.D

Acq: 29 Dec 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5-A

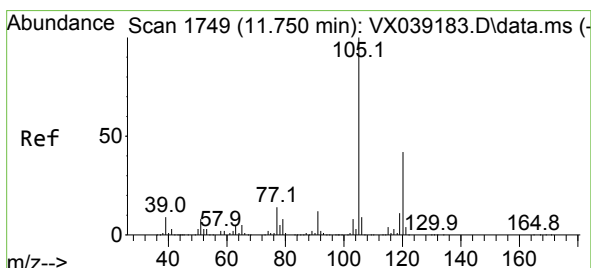
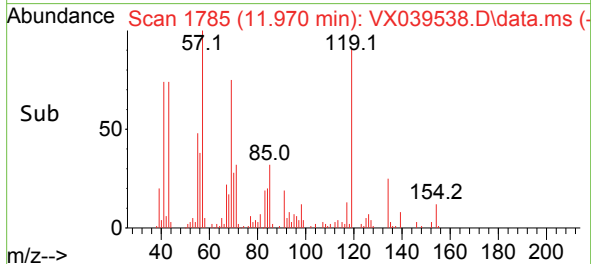
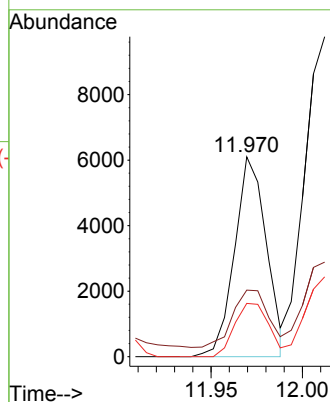
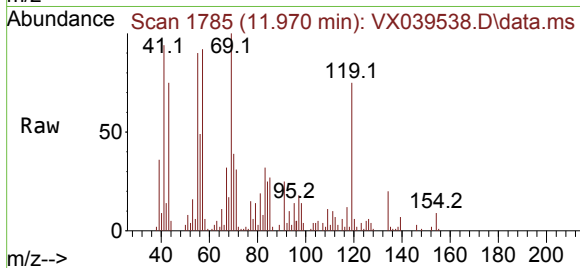
Tgt Ion:119 Resp: 7387

Ion Ratio Lower Upper

119 100

91 31.9 31.2 93.6

134 28.7 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 2.912 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.007 min

Lab File: VX039538.D

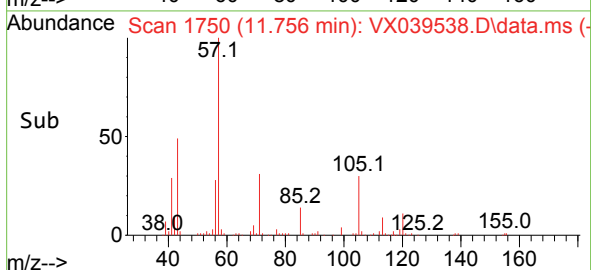
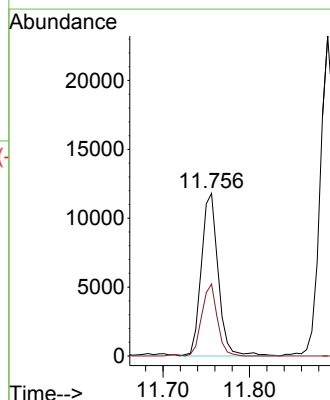
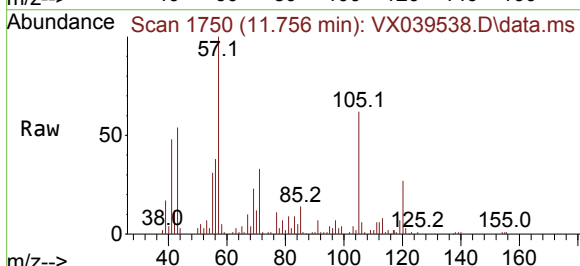
Acq: 29 Dec 2023 12:27

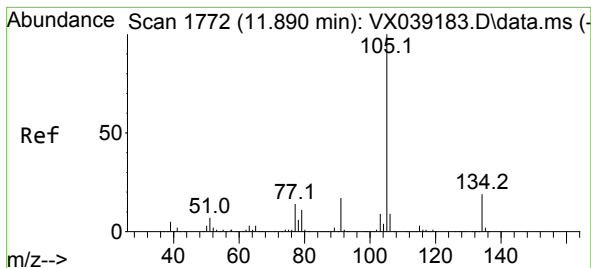
Tgt Ion:105 Resp: 15992

Ion Ratio Lower Upper

105 100

120 40.5 21.2 63.6





#85

sec-Butylbenzene

Concen: 4.491 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX039538.D

Acq: 29 Dec 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

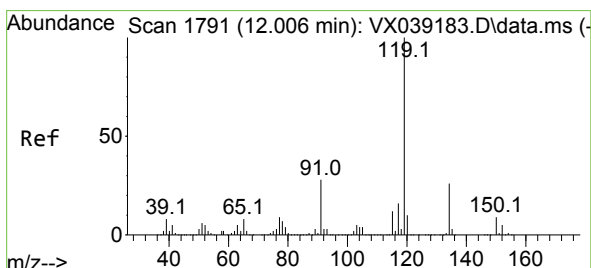
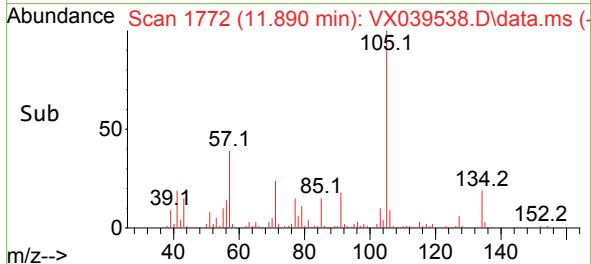
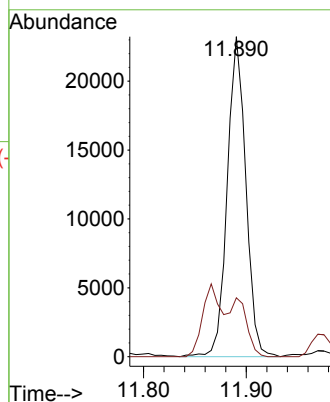
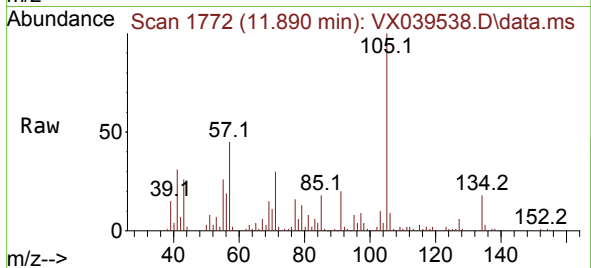
SB32-2-20231222-7.5-8.5-A

Tgt Ion:105 Resp: 29123

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#



#86

p-Isopropyltoluene

Concen: 2.178 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.007 min

Lab File: VX039538.D

Acq: 29 Dec 2023 12:27

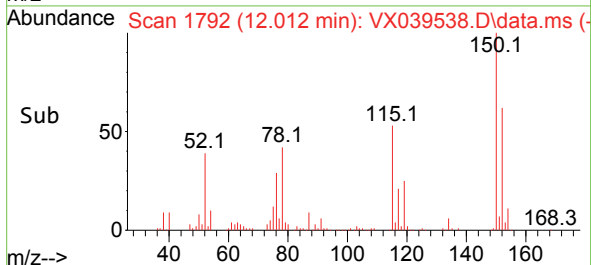
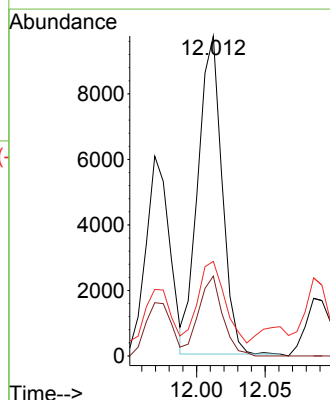
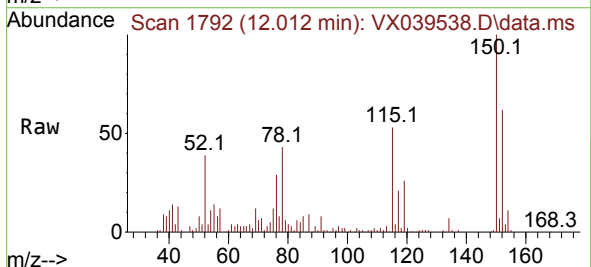
Tgt Ion:119 Resp: 11853

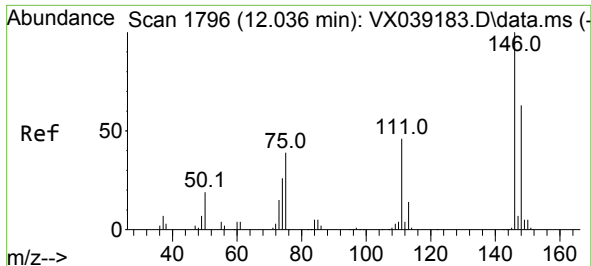
Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.3

91 28.4 13.1 39.3





#88

1,4-Dichlorobenzene

Concen: 0.223 ug/l

RT: 12.043 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX039538.D

Acq: 29 Dec 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5-A

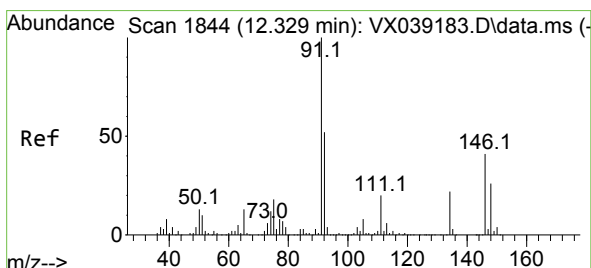
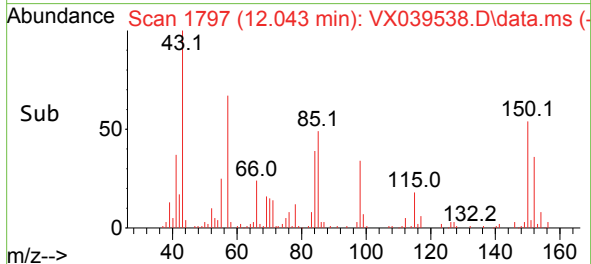
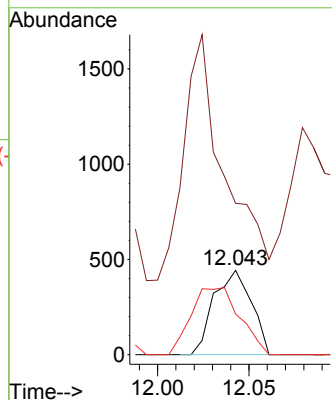
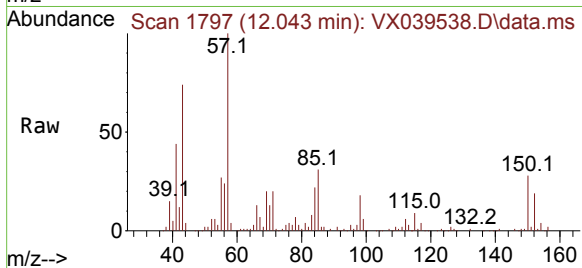
Tgt Ion:146 Resp: 633

Ion Ratio Lower Upper

146 100

111 315.5 21.3 63.7#

148 103.3 31.8 95.4#



#89

n-Butylbenzene

Concen: 20.082 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.007 min

Lab File: VX039538.D

Acq: 29 Dec 2023 12:27

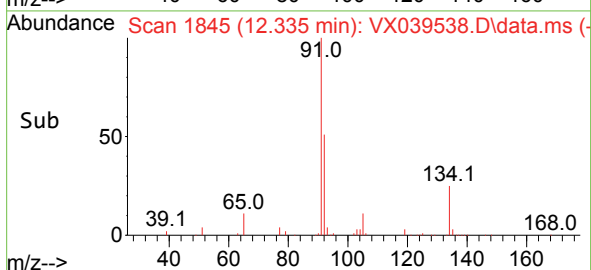
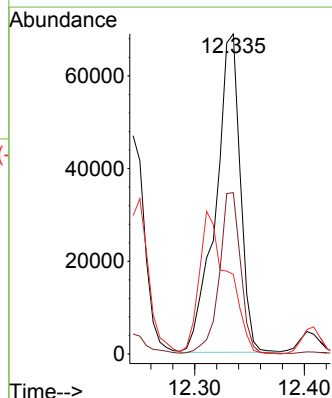
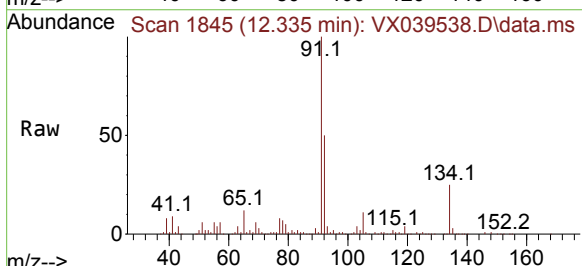
Tgt Ion: 91 Resp: 107441

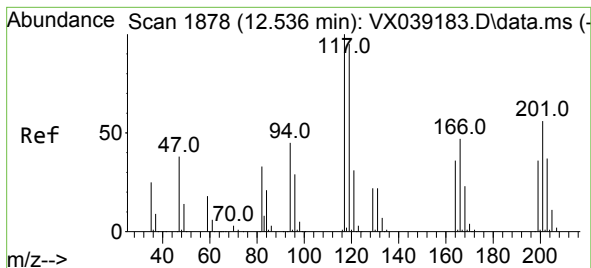
Ion Ratio Lower Upper

91 100

92 43.9 27.4 82.0

134 0.0 12.6 37.8#





#90

Hexachloroethane

Concen: 5.823 ug/l

RT: 12.530 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX039538.D

Acq: 29 Dec 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

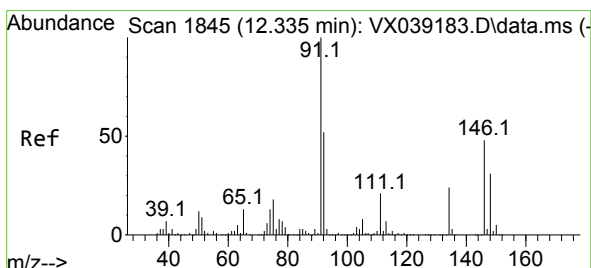
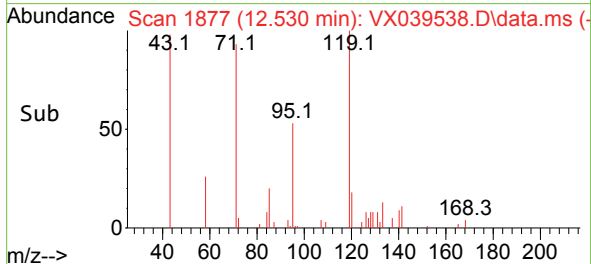
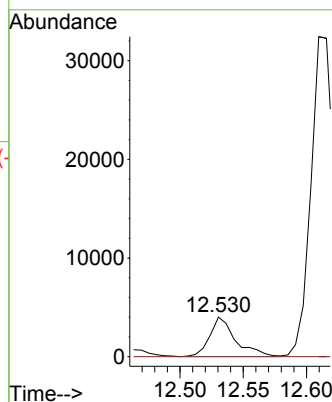
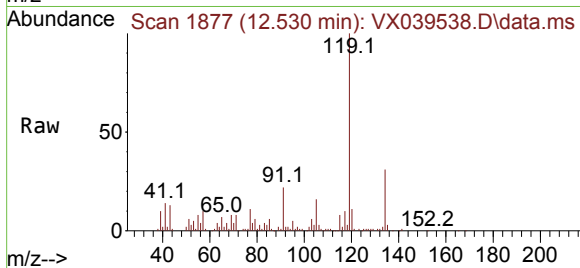
SB32-2-20231222-7.5-8.5-A

Tgt Ion:117 Resp: 5725

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#91

1,2-Dichlorobenzene

Concen: 0.236 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.007 min

Lab File: VX039538.D

Acq: 29 Dec 2023 12:27

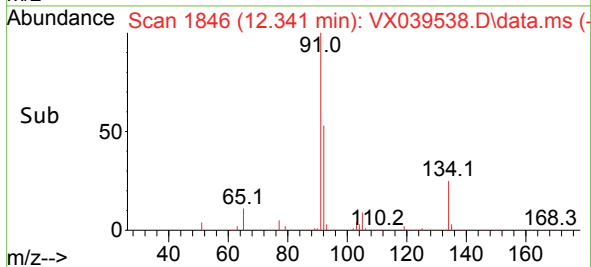
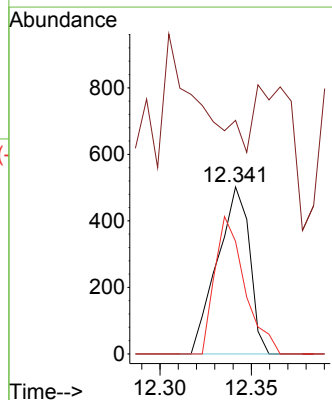
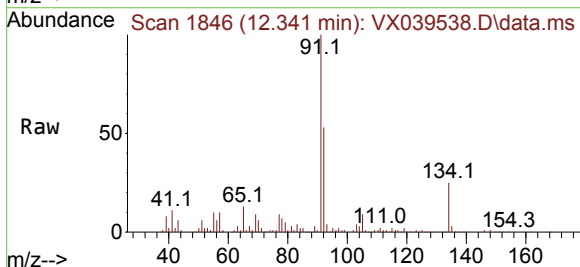
Tgt Ion:146 Resp: 616

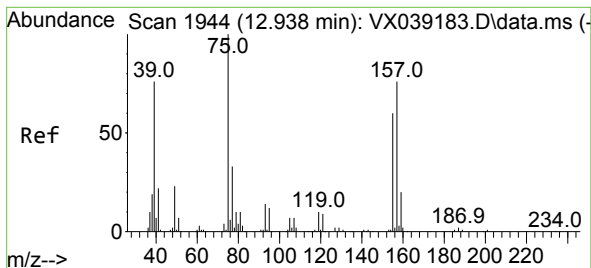
Ion Ratio Lower Upper

146 100

111 98.1 22.4 67.0#

148 76.3 31.6 95.0

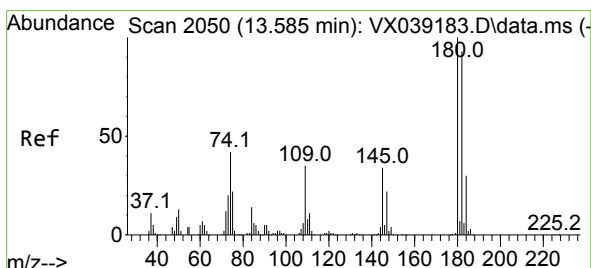
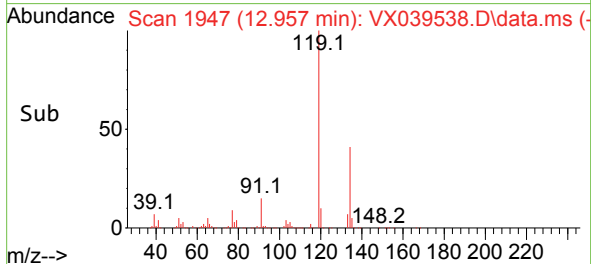
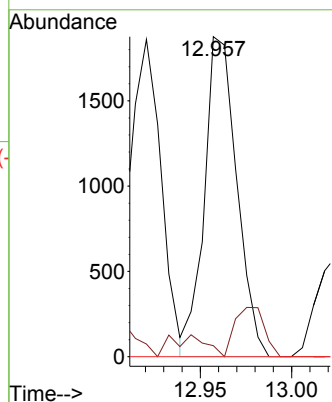
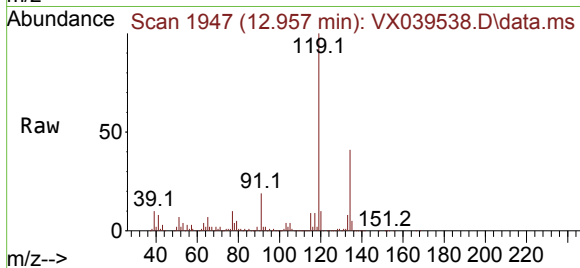




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.764 ug/l
RT: 12.957 min Scan# 1947
Delta R.T. 0.019 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

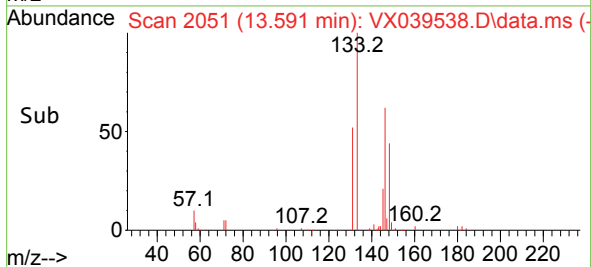
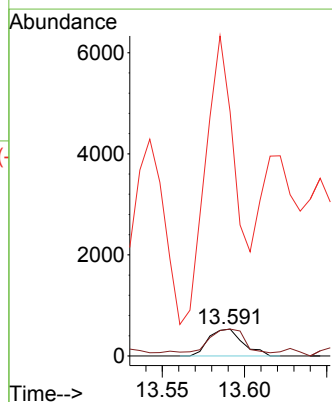
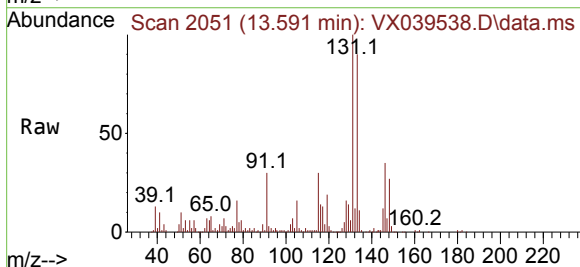
Instrument : MSVOA_X
ClientSampleId : SB32-2-20231222-7.5-8.5-A

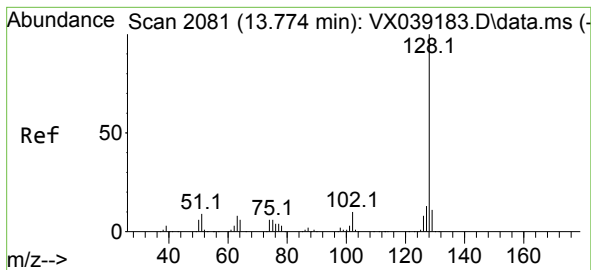
Tgt Ion: 75 Resp: 2318
Ion Ratio Lower Upper
75 100
155 7.2 36.1 108.5#
157 0.0 44.9 134.7#



#93
1,2,4-Trichlorobenzene
Concen: 0.447 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.007 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

Tgt Ion: 180 Resp: 764
Ion Ratio Lower Upper
180 100
182 122.3 48.3 144.8
145 950.5 18.0 54.0#





#95

Naphthalene

Concen: 75.325 ug/l

RT: 13.774 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX039538.D

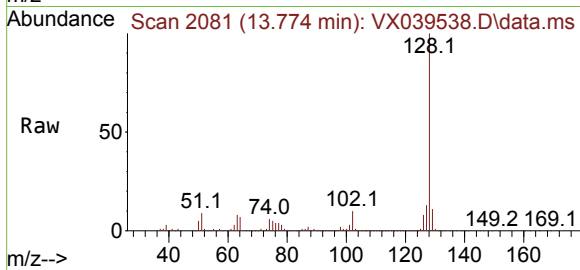
Acq: 29 Dec 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5-A



Tgt Ion:128 Resp: 448818

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.6 8.8 13.2

