

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038049.D
 Acq On : 03 Oct 2023 20:02
 Operator : JC/MD
 Sample : 04566-07
 Misc : 5.37g/5.0 mL/100uL/5.0mL/MSVOA_X/MeOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 04 09:16:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	128734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100333	50.090	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.180%
35) Dibromofluoromethane	5.385	113	72118	47.284	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.560%
50) Toluene-d8	8.647	98	303646	52.021	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.040%
62) 4-Bromofluorobenzene	11.085	95	128270	60.381	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	120.760%
Target Compounds						
						Qvalue
3) Chloromethane	1.288	50	727	0.430	ug/l	95
5) Bromomethane	1.593	94	1843	0.920	ug/l	92
6) Chloroethane	1.831	64	3382	2.956	ug/l #	43
10) Methyl Iodide	2.435	142	3063	2.269	ug/l	92
11) Tert butyl alcohol	2.947	59	7401	16.449	ug/l #	78
14) Allyl chloride	2.691	41	1103	0.511	ug/l #	24
15) Acrylonitrile	3.081	53	1555	1.663	ug/l #	48
16) Acetone	2.416	43	1561	1.775	ug/l	98
17) Carbon Disulfide	2.483	76	3236	0.939	ug/l #	90
18) Methyl Acetate	2.752	43	15748	4.164	ug/l #	53
20) Methylene Chloride	2.782	84	2299	0.925	ug/l #	73
23) Vinyl Acetate	3.721	43	1078	0.332	ug/l #	73
25) 2-Butanone	4.599	43	320	0.231	ug/l #	86
26) 2,2-Dichloropropane	4.282	77	815	0.379	ug/l #	54
30) Chloroform	5.154	83	6052	2.028	ug/l #	26
31) Cyclohexane	5.464	56	105598	45.083	ug/l	94
36) 1,1-Dichloropropene	5.544	75	11159	4.965	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13642	6.237	ug/l #	14
39) Methylcyclohexane	7.379	83	378071	142.314	ug/l	96
40) Benzene	6.038	78	137501	21.685	ug/l	100
41) Methacrylonitrile	4.946	41	1454	1.150	ug/l #	42
42) 1,2-Dichloroethane	6.038	62	1264	0.508	ug/l #	77
43) Isopropyl Acetate	6.348	43	7225	1.847	ug/l #	63
45) 1,2-Dichloropropane	7.379	63	4601	2.850	ug/l #	1
46) Dibromomethane	7.556	93	433	0.346	ug/l #	1
47) Bromodichloromethane	7.769	83	4042	1.857	ug/l #	78
48) Methyl methacrylate	7.653	41	27282	14.508	ug/l #	46
51) 4-Methyl-2-Pentanone	8.598	43	24304	8.944	ug/l #	37
52) Toluene	8.720	92	47298	11.525	ug/l	95
55) 1,1,2-Trichloroethane	9.104	97	86028	51.621	ug/l #	20
56) Ethyl methacrylate	9.098	69	23568	9.409	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.281	63	531	0.415	ug/l #	47
59) 2-Hexanone	9.384	43	75889	34.912	ug/l #	31
61) 1,2-Dibromoethane	9.610	107	467	0.258	ug/l #	1
65) Chlorobenzene	10.079	112	99956	21.303	ug/l	99
67) Ethyl Benzene	10.195	91	682951	80.914	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038049.D
 Acq On : 03 Oct 2023 20:02
 Operator : JC/MD
 Sample : 04566-07
 Misc : 5.37g/5.0 mL/100uL/5.0mL/MSVOA_X/MeOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

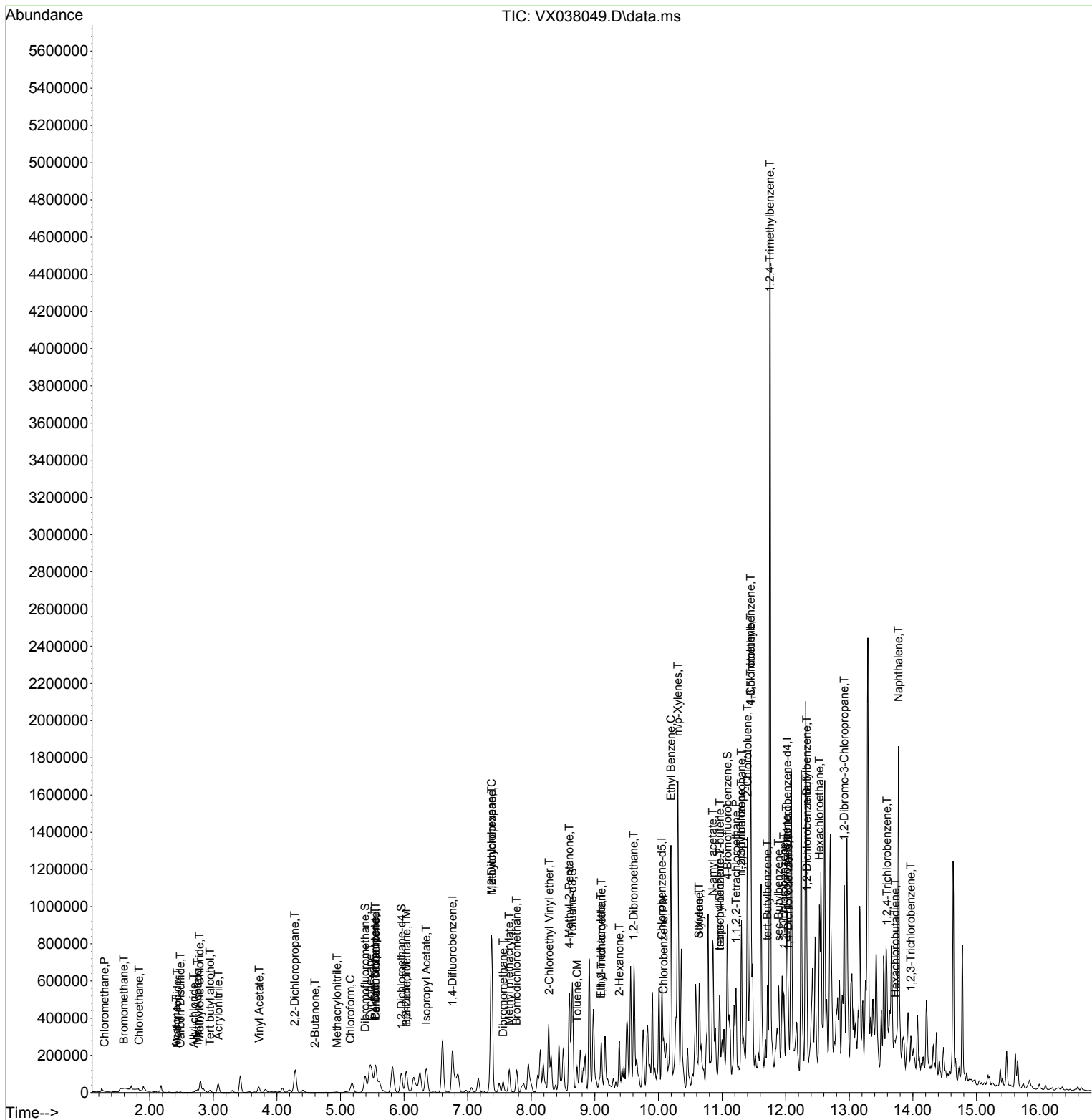
Quant Time: Oct 04 09:16:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

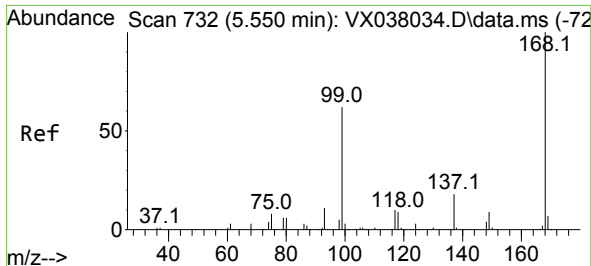
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

68) m/p-Xylenes	10.305	106	310379	96.020	ug/l	97
69) o-Xylene	10.640	106	108886	35.472	ug/l	96
70) Styrene	10.640	104	6227	1.228	ug/l #	1
73) Isopropylbenzene	10.963	105	193516	21.139	ug/l	100
74) N-amyl acetate	10.854	43	44984	10.919	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.220	83	33744	9.848	ug/l #	26
76) 1,2,3-Trichloropropane	11.305	75	3363	1.076	ug/l #	1
78) n-propylbenzene	11.305	91	497808	44.255	ug/l	98
79) 2-Chlorotoluene	11.402	91	73566	11.263	ug/l #	45
80) 1,3,5-Trimethylbenzene	11.451	105	666913	85.597	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.963	75	2617	2.828	ug/l #	1
82) 4-Chlorotoluene	11.451	91	78848	10.016	ug/l #	48
83) tert-Butylbenzene	11.713	119	9384	1.212	ug/l #	39
84) 1,2,4-Trimethylbenzene	11.756	105	1943310	247.301	ug/l	96
85) sec-Butylbenzene	11.890	105	99308	9.886	ug/l	97
86) p-Isopropyltoluene	12.012	119	134864	16.394	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	6004	1.334	ug/l #	72
88) 1,4-Dichlorobenzene	12.043	146	28568	6.082	ug/l #	80
89) n-Butylbenzene	12.329	91	280198	34.128	ug/l #	34
90) Hexachloroethane	12.530	117	34633	25.831	ug/l #	17
91) 1,2-Dichlorobenzene	12.335	146	15931	3.720	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.920	75	3357	4.305	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.591	180	1849	0.622	ug/l #	1
94) Hexachlorobutadiene	13.725	225	646	0.510	ug/l	94
95) Naphthalene	13.774	128	997920	99.648	ug/l	99
96) 1,2,3-Trichlorobenzene	13.969	180	1127	0.392	ug/l #	1

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

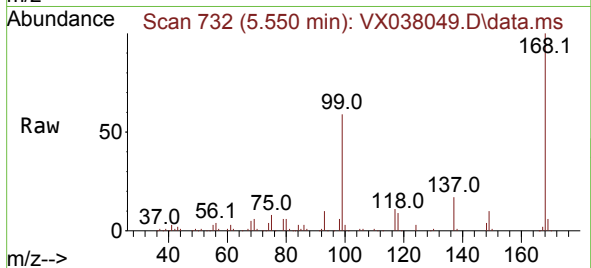
Quant Time: Oct 04 09:16:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 04 09:08:35 2023
Response via : Initial Calibration



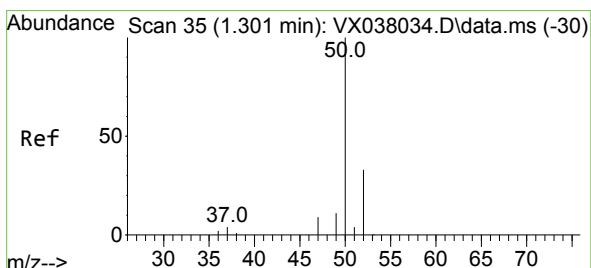
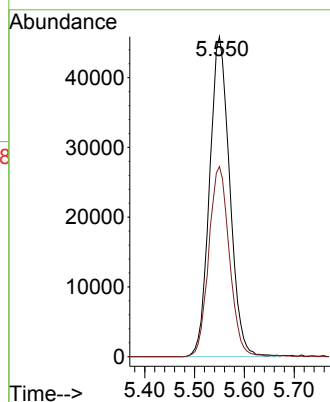
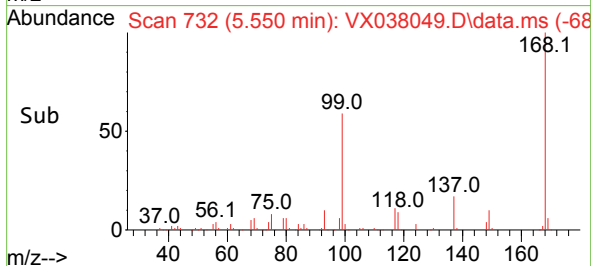


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

Instrument :
MSVOA_X
ClientSampleId :

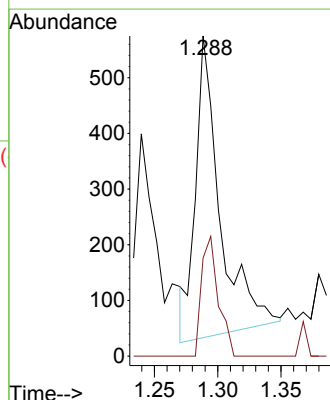
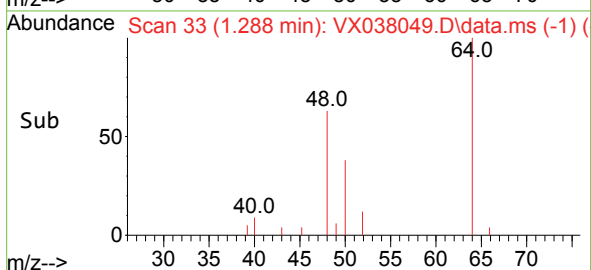
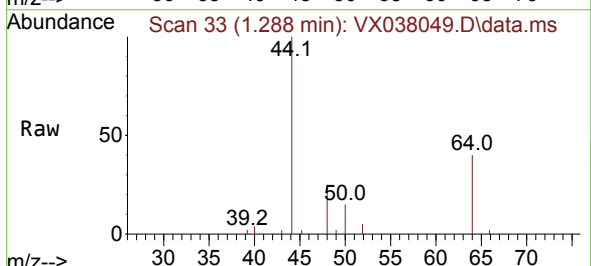


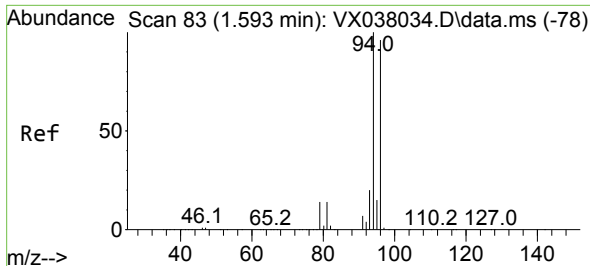
Tgt Ion:168 Resp: 128734
Ion Ratio Lower Upper
168 100
99 59.4 56.6 85.0



#3
Chloromethane
Concen: 0.430 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.013 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

Tgt Ion: 50 Resp: 727
Ion Ratio Lower Upper
50 100
52 34.8 25.5 38.3

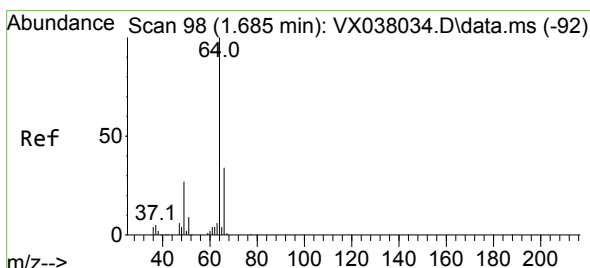
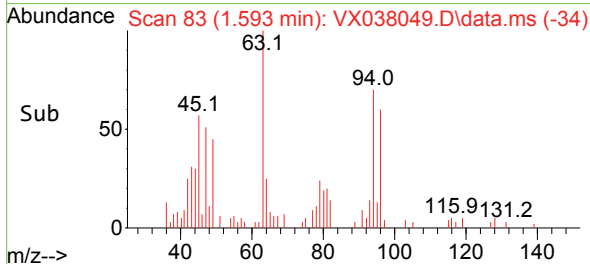
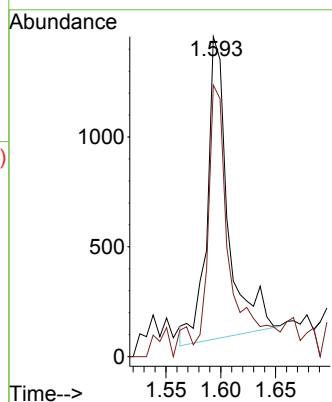
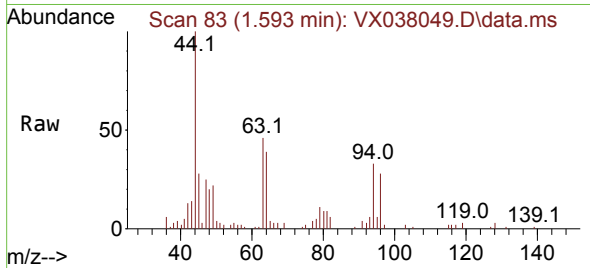




#5
Bromomethane
Concen: 0.920 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

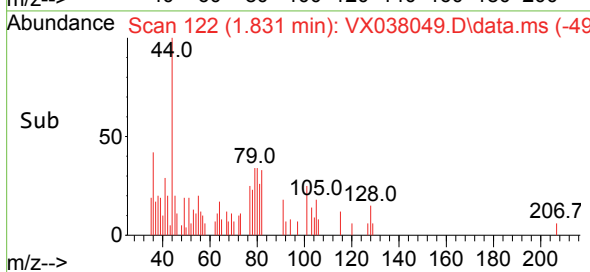
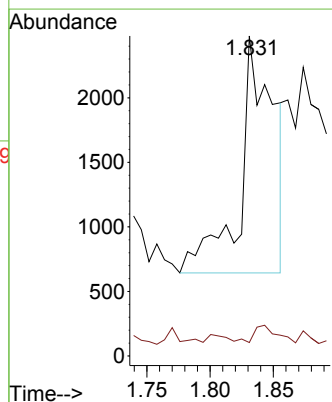
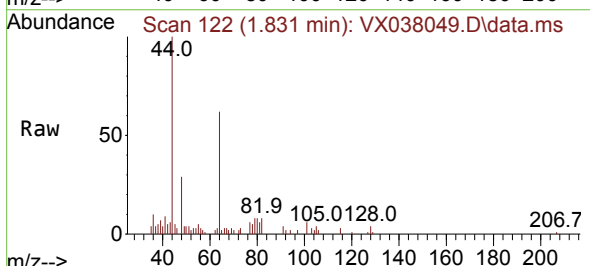
Instrument :
MSVOA_X
ClientSampleId :

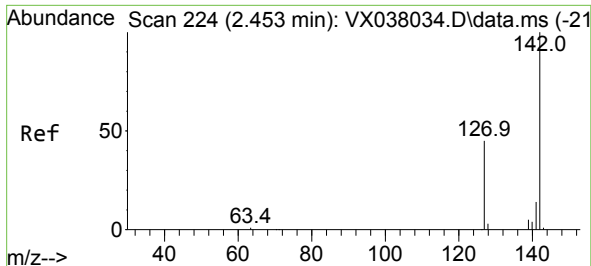
Tgt Ion: 94 Resp: 1843
Ion Ratio Lower Upper
94 100
96 85.3 74.6 111.8



#6
Chloroethane
Concen: 2.956 ug/l
RT: 1.831 min Scan# 122
Delta R.T. 0.146 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

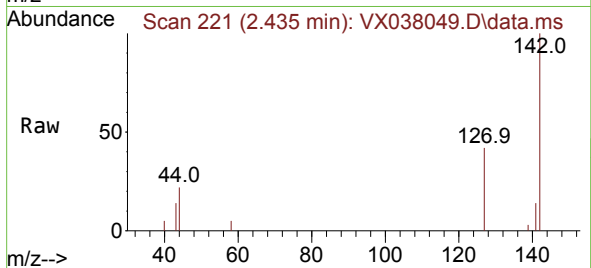
Tgt Ion: 64 Resp: 3382
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



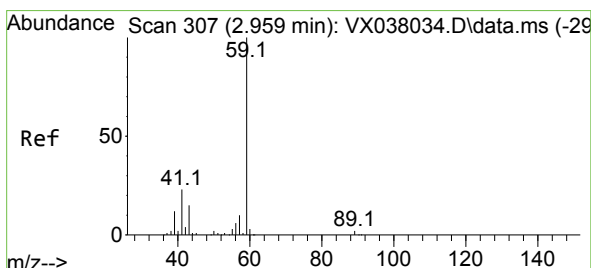
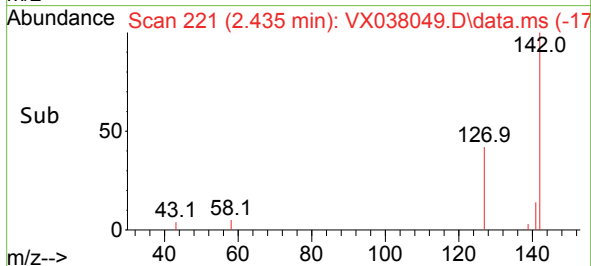
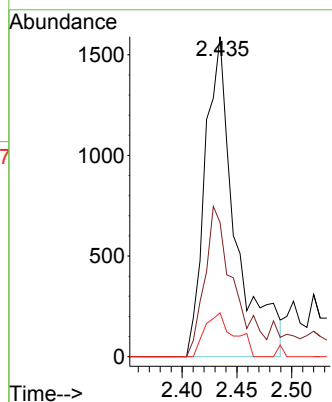


#10
Methyl Iodide
Concen: 2.269 ug/l
RT: 2.435 min Scan# 21
Delta R.T. -0.018 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

Instrument :
MSVOA_X
ClientSampleId :

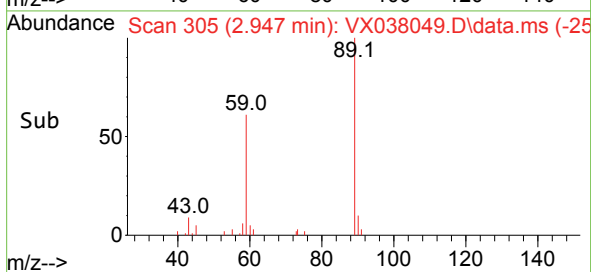
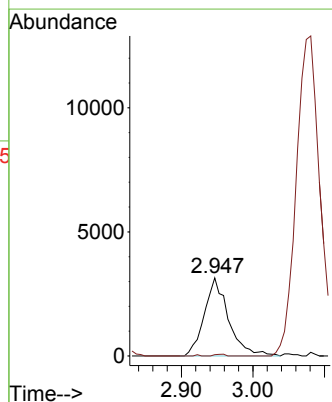
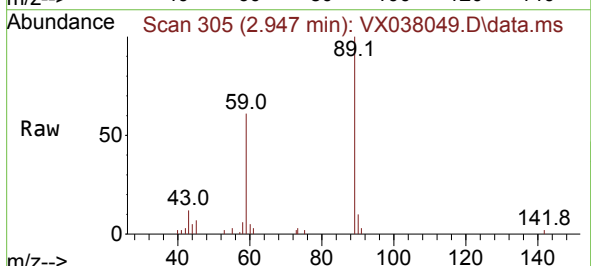


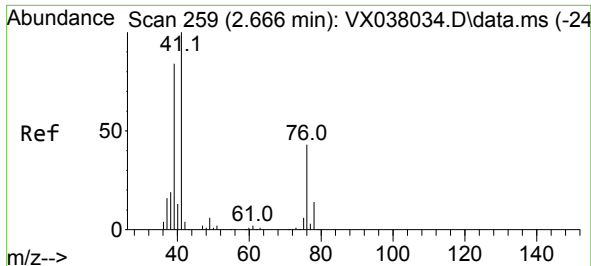
Tgt Ion:142 Resp: 3063
Ion Ratio Lower Upper
142 100
127 45.6 41.6 62.4
141 13.1 11.6 17.4



#11
Tert butyl alcohol
Concen: 16.449 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

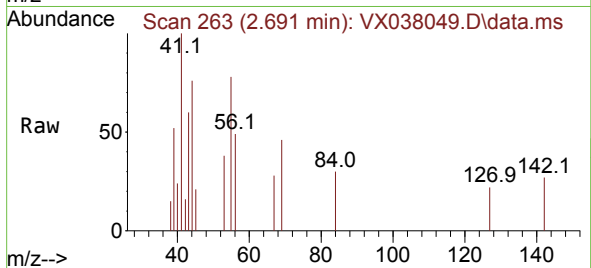
Tgt Ion: 59 Resp: 7401
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



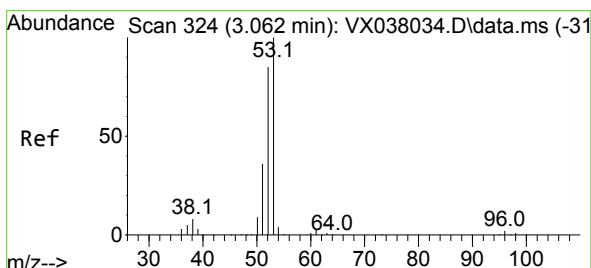
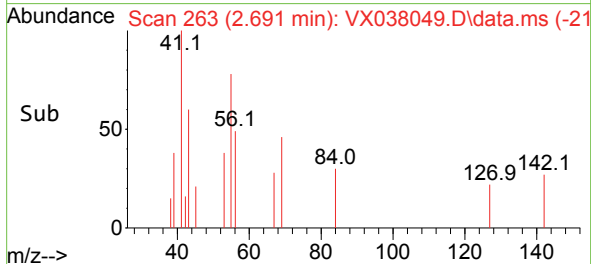
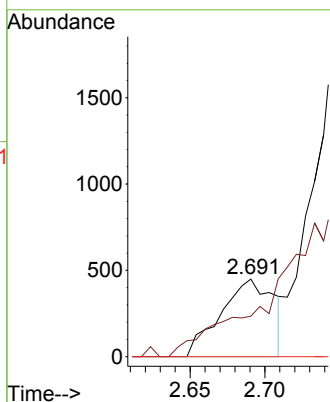


#14
 Allyl chloride
 Concen: 0.511 ug/l
 RT: 2.691 min Scan# 210
 Delta R.T. 0.025 min
 Lab File: VX038049.D
 Acq: 03 Oct 2023 20:02

Instrument :
 MSVOA_X
 ClientSampleId :

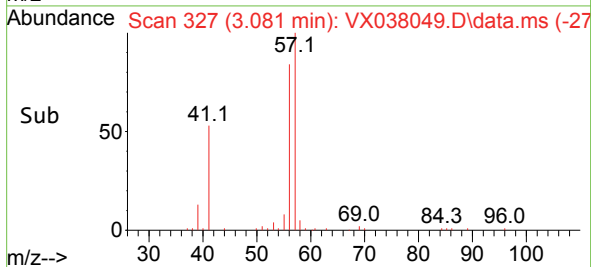
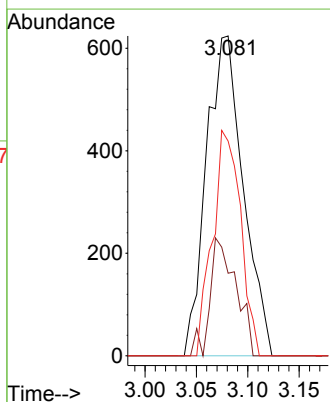
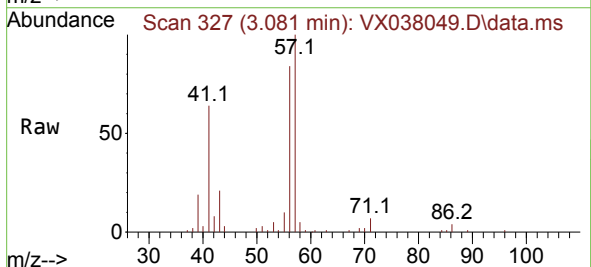


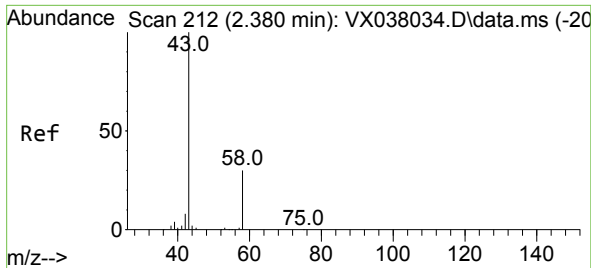
Tgt Ion: 41 Resp: 1103
 Ion Ratio Lower Upper
 41 100
 39 0.0 55.8 83.6#
 76 0.0 24.3 36.5#



#15
 Acrylonitrile
 Concen: 1.663 ug/l
 RT: 3.081 min Scan# 327
 Delta R.T. 0.019 min
 Lab File: VX038049.D
 Acq: 03 Oct 2023 20:02

Tgt Ion: 53 Resp: 1555
 Ion Ratio Lower Upper
 53 100
 52 25.9 66.0 99.0#
 51 53.7 29.8 44.6#





#16

Acetone

Concen: 1.775 ug/l

RT: 2.416 min Scan# 21

Delta R.T. 0.036 min

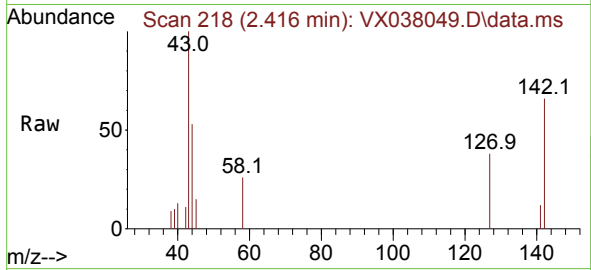
Lab File: VX038049.D

Acq: 03 Oct 2023 20:02

Instrument :

MSVOA_X

ClientSampleId :

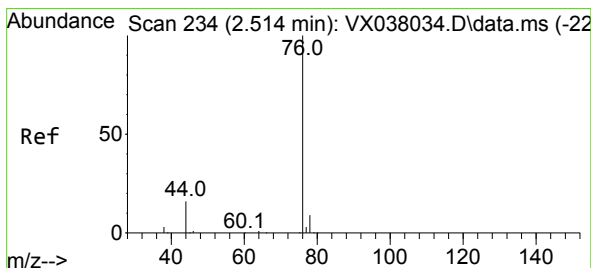
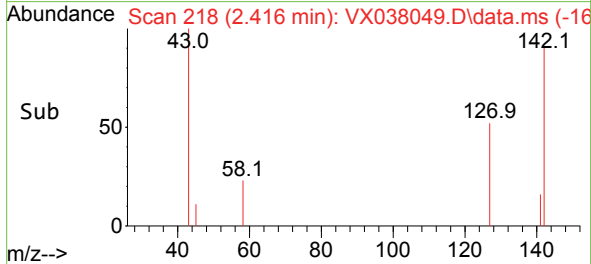
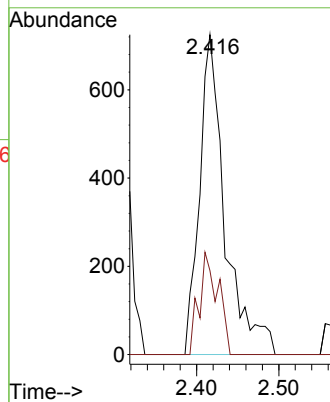


Tgt Ion: 43 Resp: 1561

Ion Ratio Lower Upper

43 100

58 26.2 21.9 32.9



#17

Carbon Disulfide

Concen: 0.939 ug/l

RT: 2.483 min Scan# 229

Delta R.T. -0.031 min

Lab File: VX038049.D

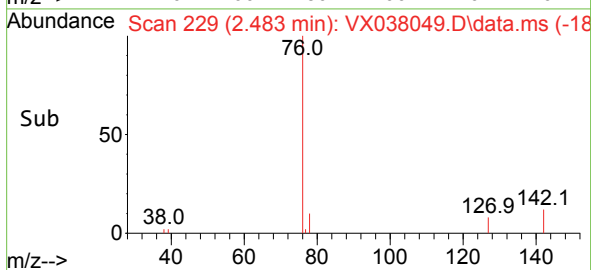
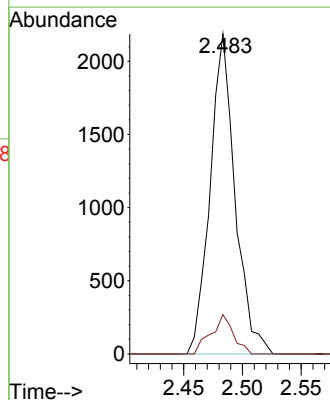
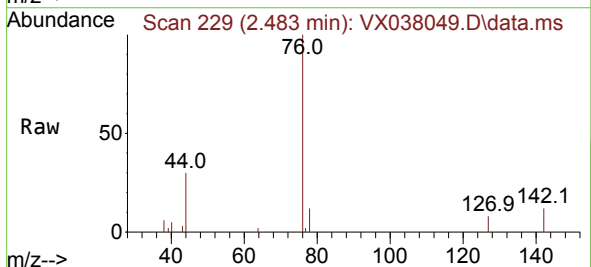
Acq: 03 Oct 2023 20:02

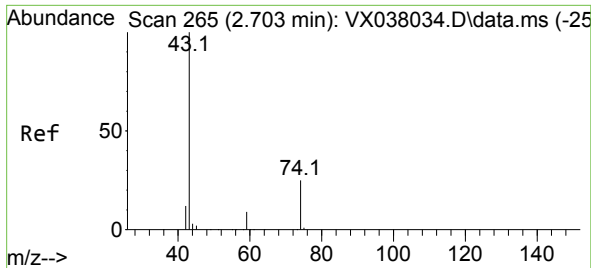
Tgt Ion: 76 Resp: 3236

Ion Ratio Lower Upper

76 100

78 12.3 7.0 10.6#

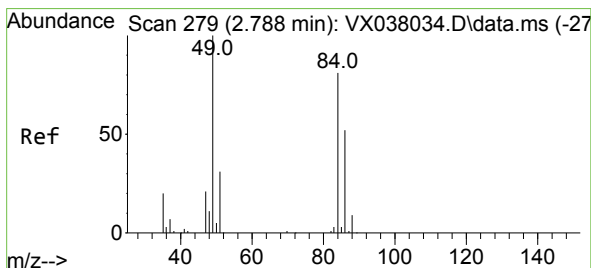
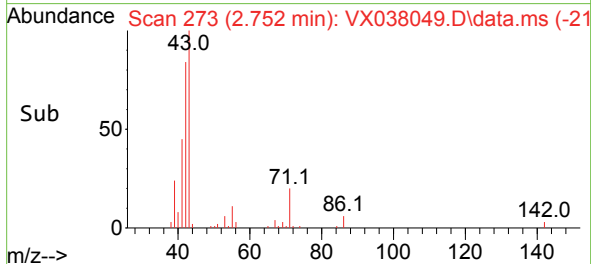
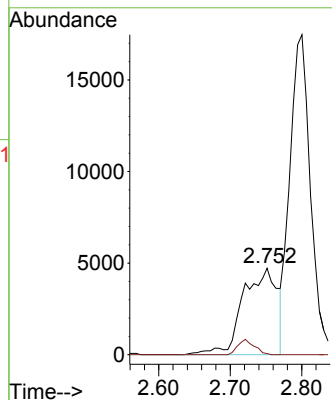
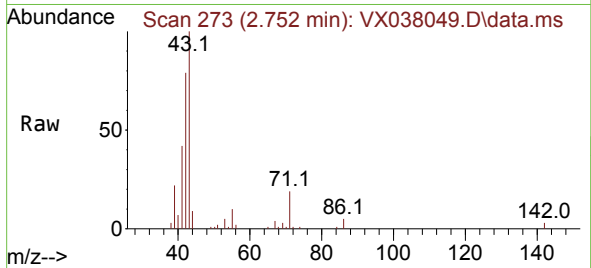




#18
Methyl Acetate
Concen: 4.164 ug/l
RT: 2.752 min Scan# 21
Delta R.T. 0.049 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

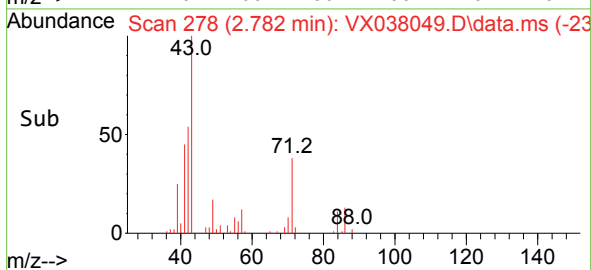
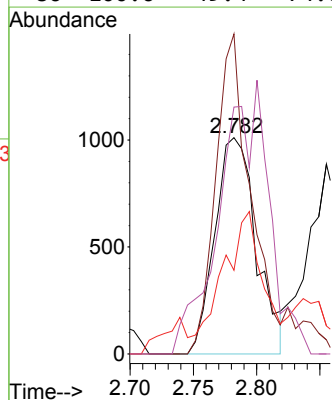
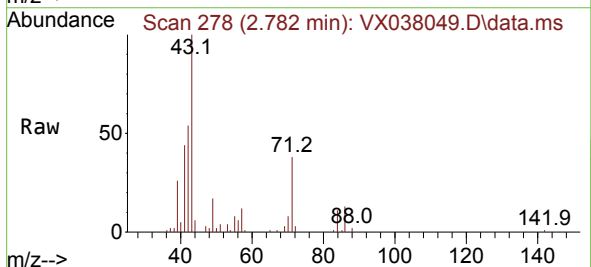
Instrument :
MSVOA_X
ClientSampleId :

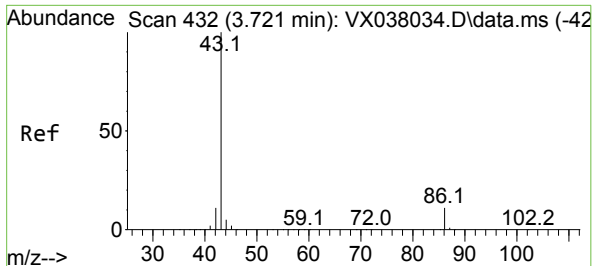
Tgt Ion: 43 Resp: 15748
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.925 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

Tgt Ion: 84 Resp: 2299
Ion Ratio Lower Upper
84 100
49 148.0 103.6 155.4
51 24.7 33.8 50.6#
86 100.6 49.4 74.0#

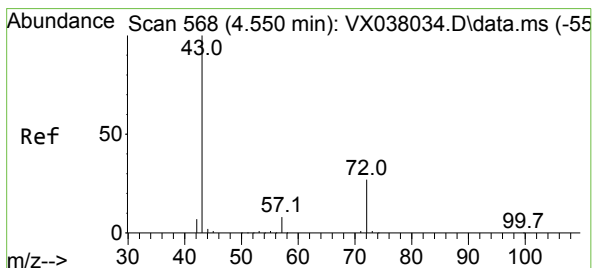
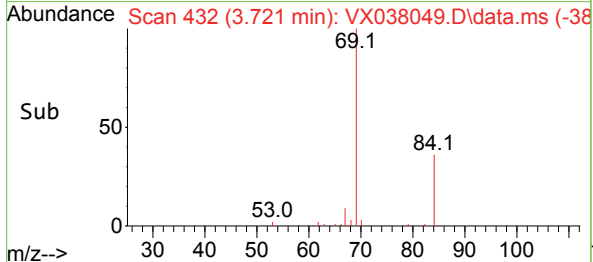
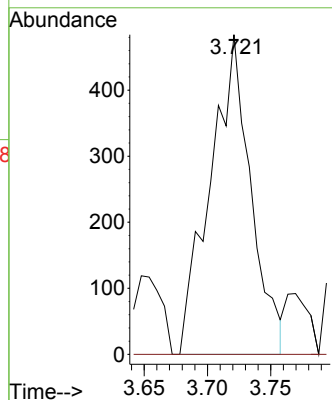
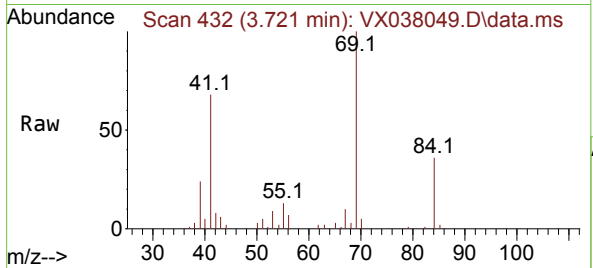




#23
 Vinyl Acetate
 Concen: 0.332 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038049.D
 Acq: 03 Oct 2023 20:02

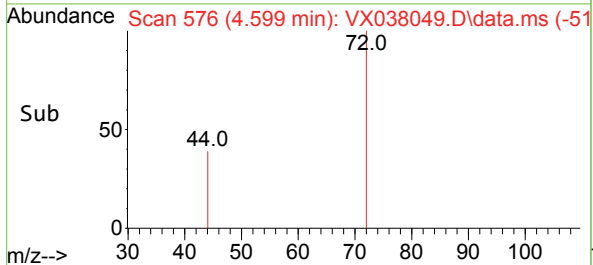
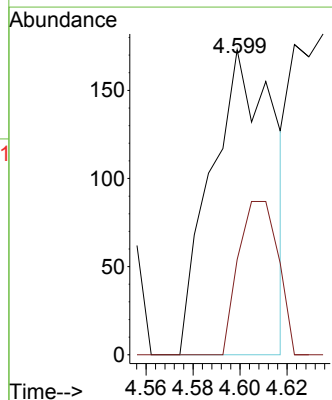
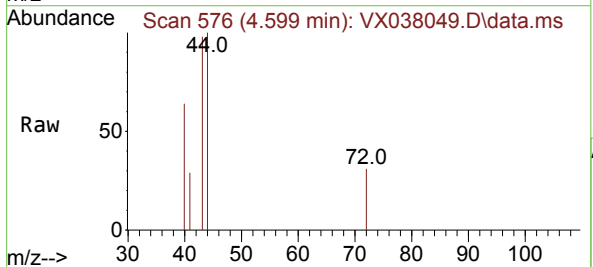
Instrument :
 MSVOA_X
 ClientSampleId :

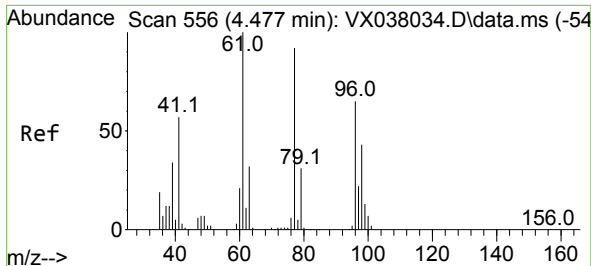
Tgt Ion: 43 Resp: 1078
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#25
 2-Butanone
 Concen: 0.231 ug/l
 RT: 4.599 min Scan# 576
 Delta R.T. 0.049 min
 Lab File: VX038049.D
 Acq: 03 Oct 2023 20:02

Tgt Ion: 43 Resp: 320
 Ion Ratio Lower Upper
 43 100
 72 31.2 19.4 29.2#





#26

2,2-Dichloropropane

Concen: 0.379 ug/l

RT: 4.282 min Scan# 51

Delta R.T. -0.195 min

Lab File: VX038049.D

Acq: 03 Oct 2023 20:02

Instrument :

MSVOA_X

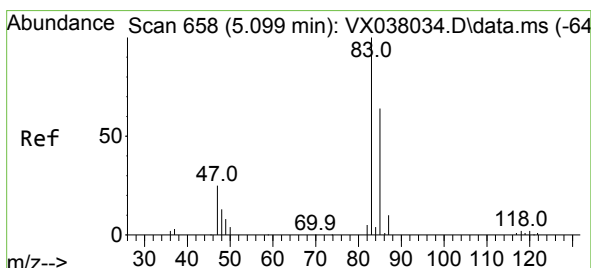
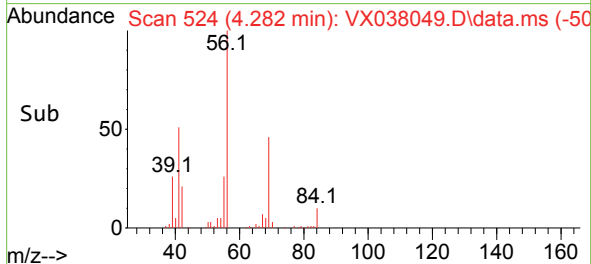
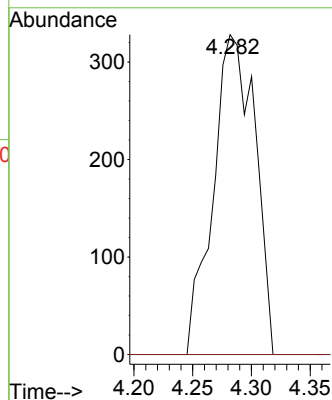
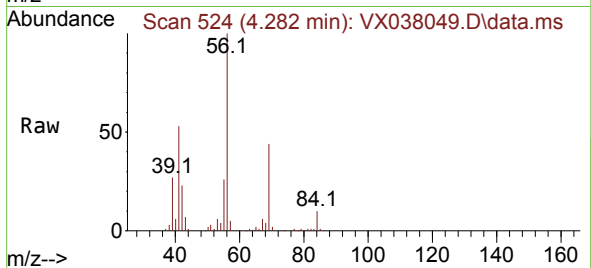
ClientSampleId :

Tgt Ion: 77 Resp: 815

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#30

Chloroform

Concen: 2.028 ug/l

RT: 5.154 min Scan# 667

Delta R.T. 0.055 min

Lab File: VX038049.D

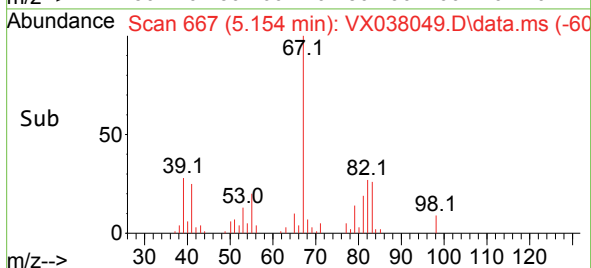
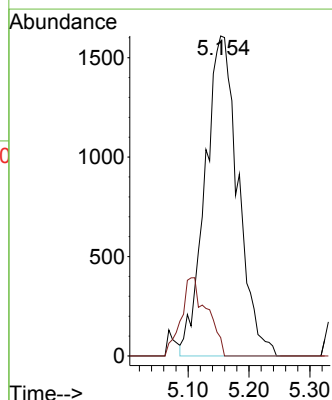
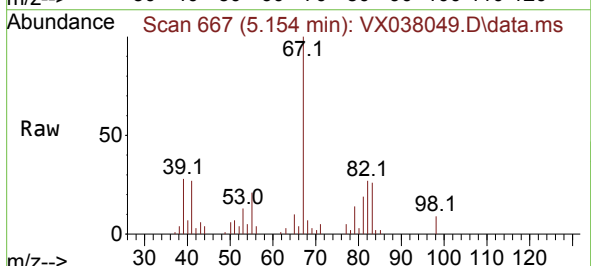
Acq: 03 Oct 2023 20:02

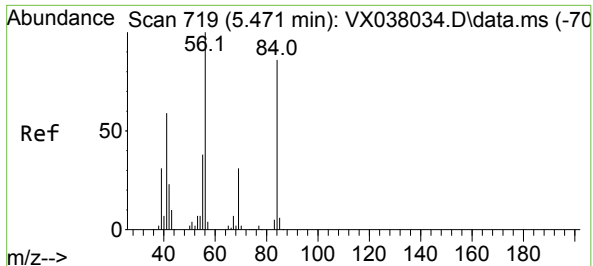
Tgt Ion: 83 Resp: 6052

Ion Ratio Lower Upper

83 100

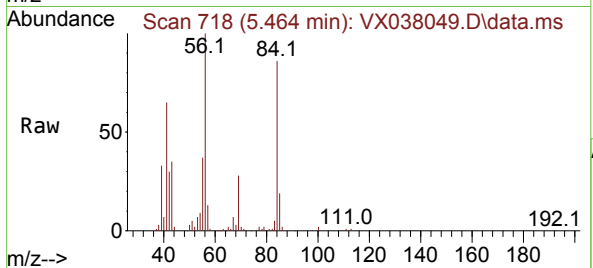
85 5.8 50.3 75.5#



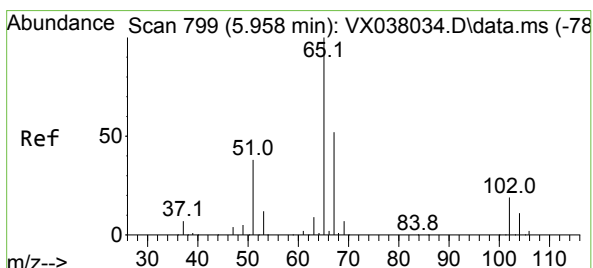
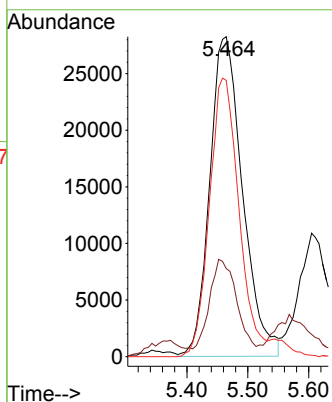
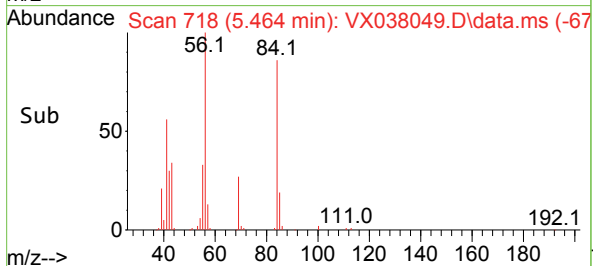


#31
Cyclohexane
Concen: 45.083 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.007 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

Instrument :
MSVOA_X
ClientSampleId :

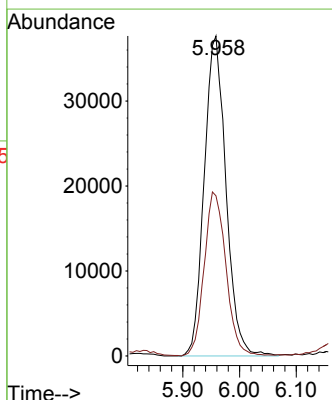
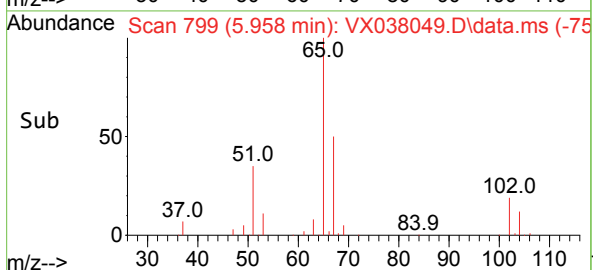
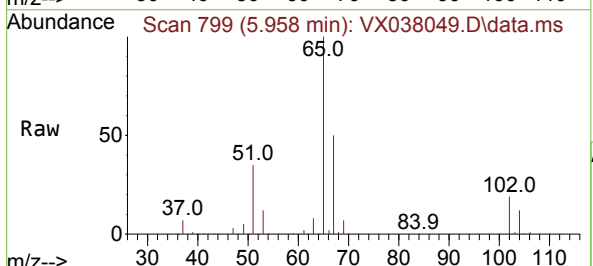


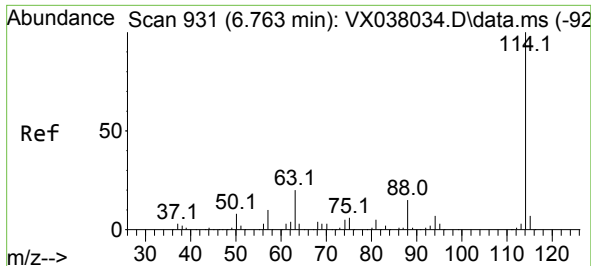
Tgt Ion: 56 Resp: 105598
Ion Ratio Lower Upper
56 100
69 24.2 23.4 35.2
84 86.9 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 50.090 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

Tgt Ion: 65 Resp: 100333
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

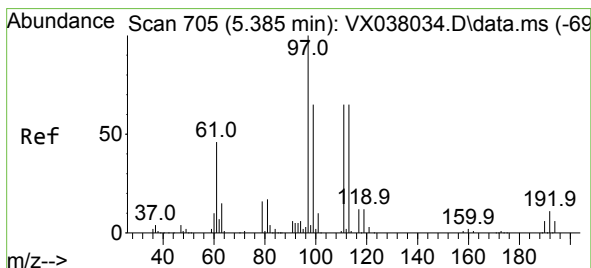
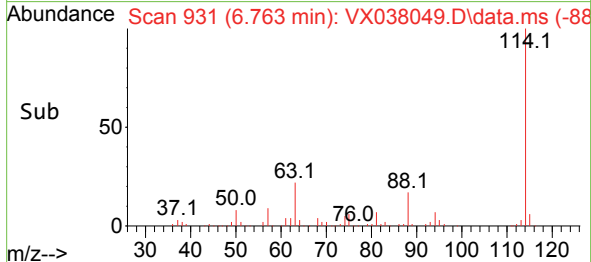
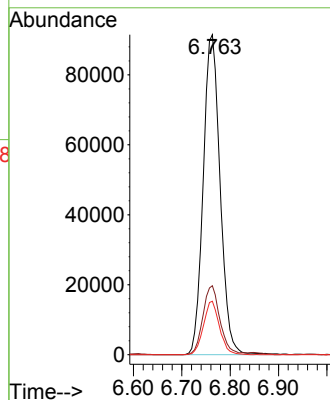
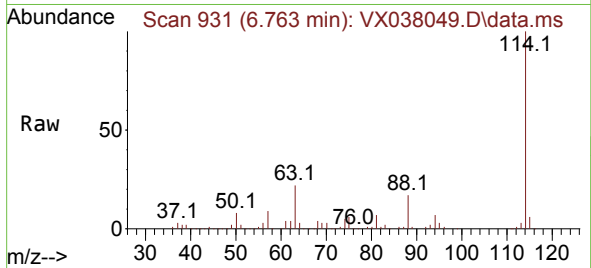




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

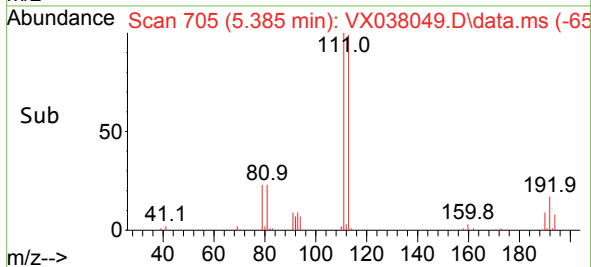
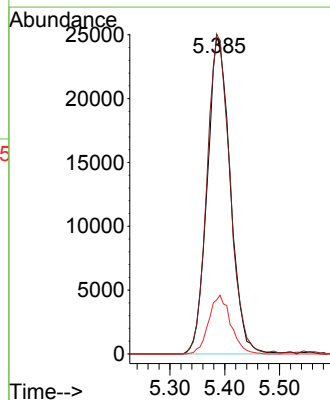
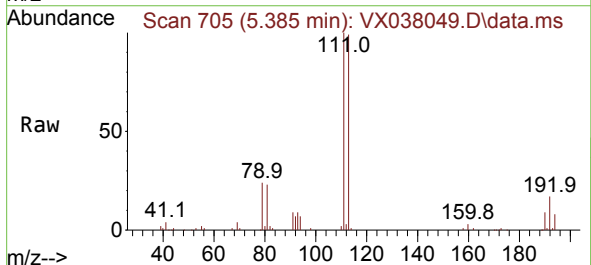
Instrument :
MSVOA_X
ClientSampleId :

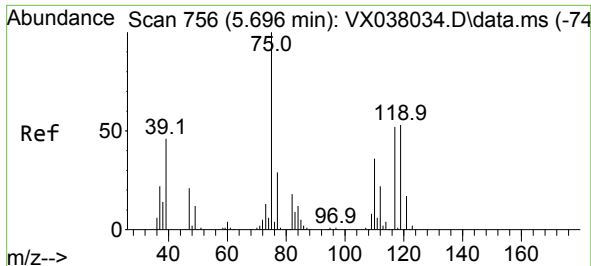
Tgt Ion:114 Resp: 222322
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.284 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

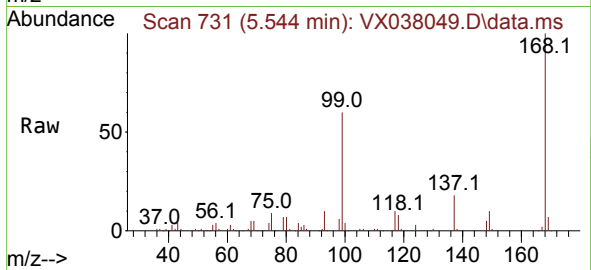
Tgt Ion:113 Resp: 72118
Ion Ratio Lower Upper
113 100
111 100.8 82.9 124.3
192 17.8 13.3 19.9



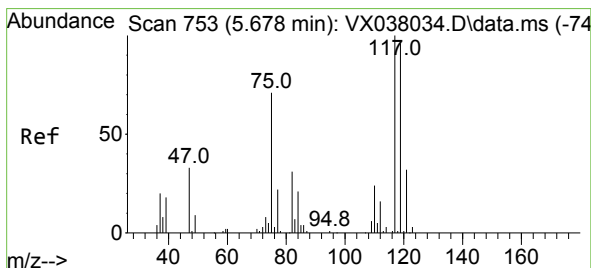
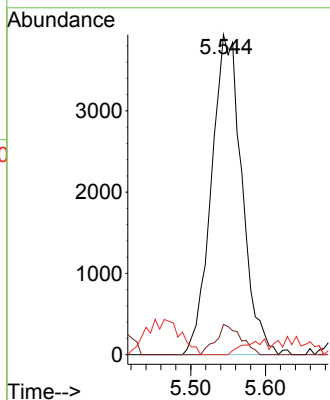
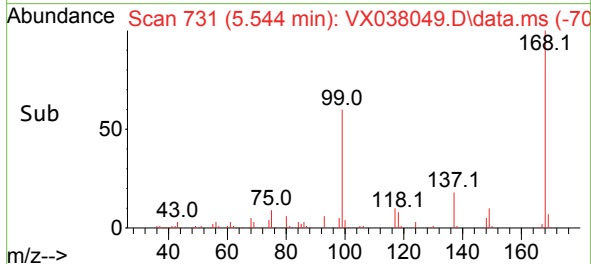


#36
 1,1-Dichloropropene
 Concen: 4.965 ug/l
 RT: 5.544 min Scan# 711
 Delta R.T. -0.152 min
 Lab File: VX038049.D
 Acq: 03 Oct 2023 20:02

Instrument :
 MSVOA_X
 ClientSampleId :

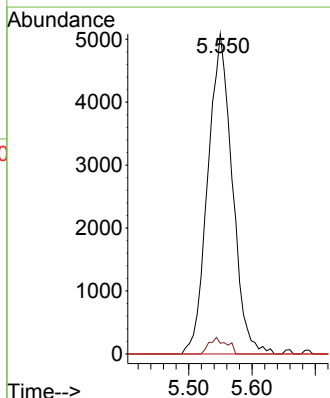
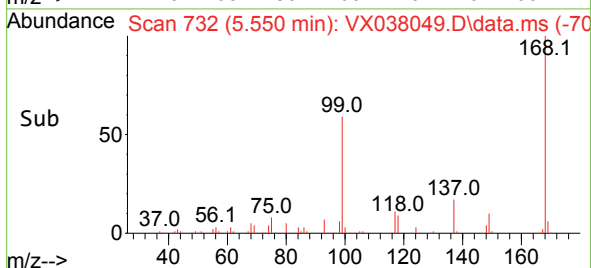
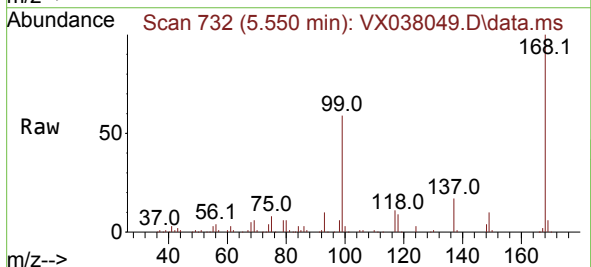


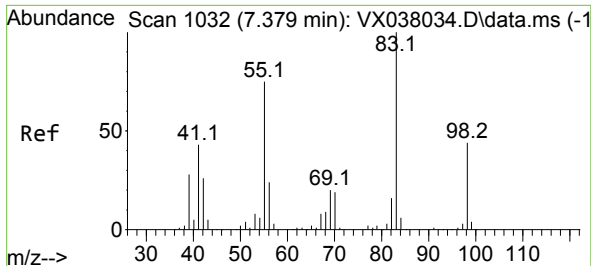
Tgt Ion: 75 Resp: 11159
 Ion Ratio Lower Upper
 75 100
 110 7.7 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.237 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.128 min
 Lab File: VX038049.D
 Acq: 03 Oct 2023 20:02

Tgt Ion: 117 Resp: 13642
 Ion Ratio Lower Upper
 117 100
 119 3.4 78.2 117.2#
 121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 142.314 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX038049.D

Acq: 03 Oct 2023 20:02

Instrument :

MSVOA_X

ClientSampleId :

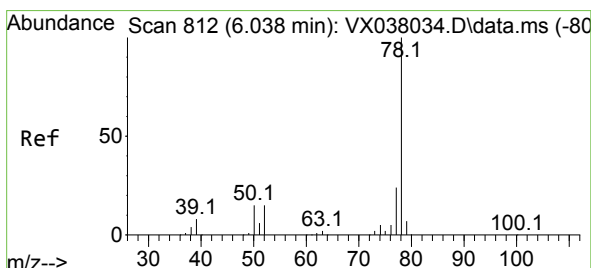
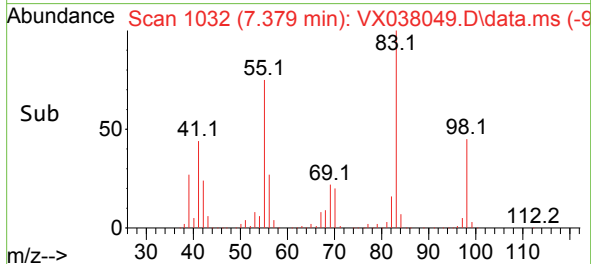
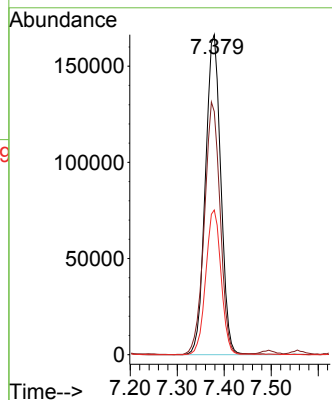
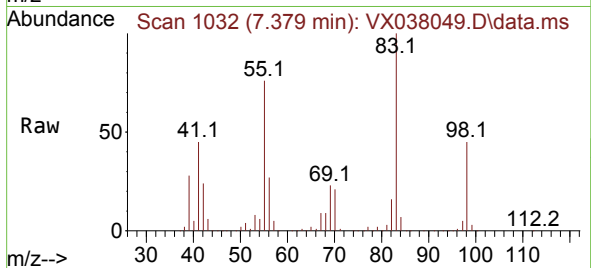
Tgt Ion: 83 Resp: 378071

Ion Ratio Lower Upper

83 100

55 75.8 64.6 97.0

98 45.2 36.7 55.1



#40

Benzene

Concen: 21.685 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038049.D

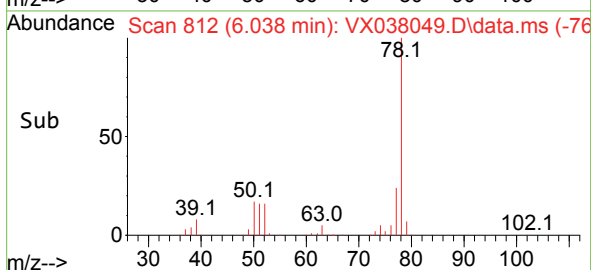
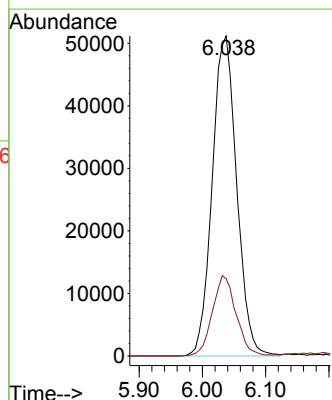
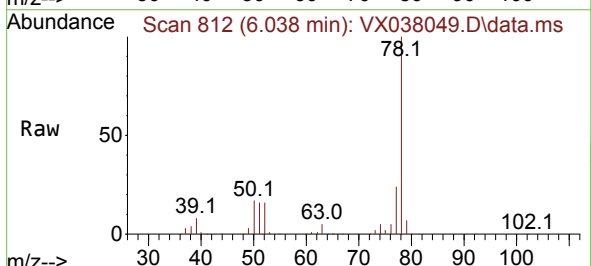
Acq: 03 Oct 2023 20:02

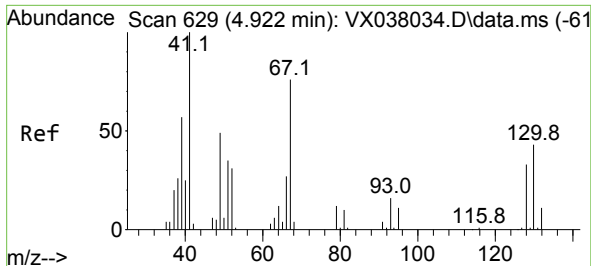
Tgt Ion: 78 Resp: 137501

Ion Ratio Lower Upper

78 100

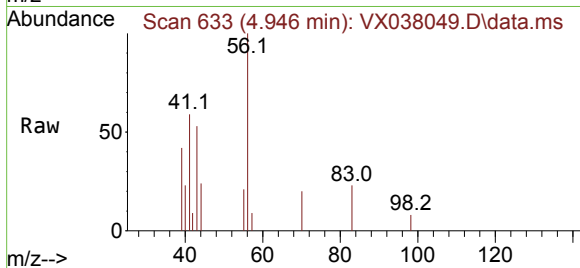
77 24.1 19.3 28.9



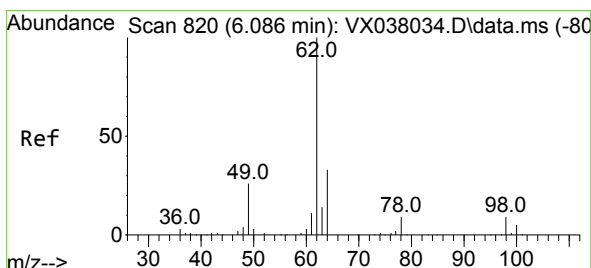
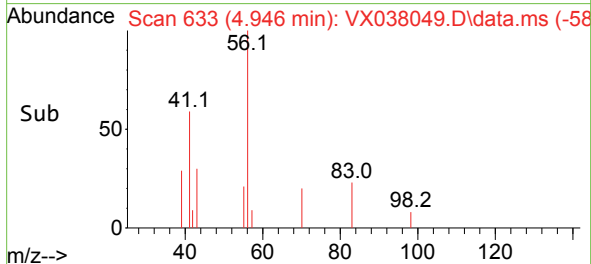
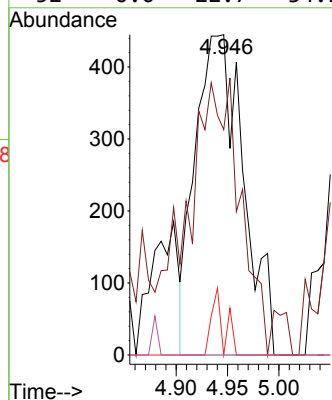


#41
Methacrylonitrile
Concen: 1.150 ug/l
RT: 4.946 min Scan# 61
Delta R.T. 0.024 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

Instrument :
MSVOA_X
ClientSampleId :

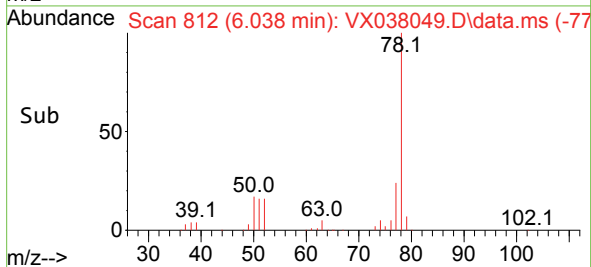
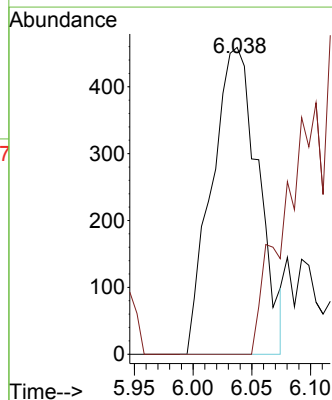
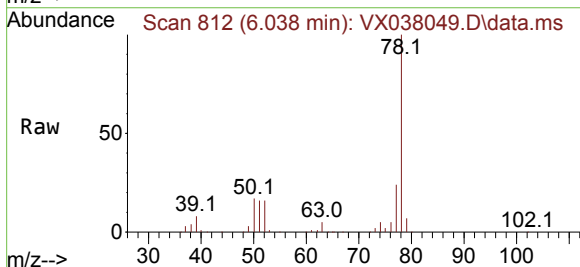


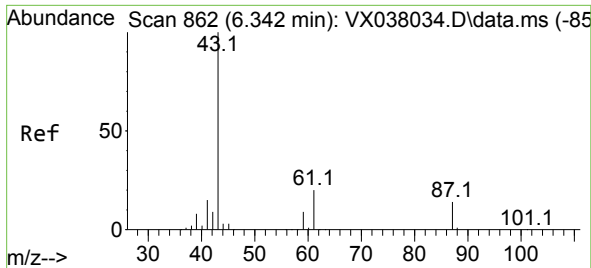
Tgt Ion: 41 Resp: 1454
Ion Ratio Lower Upper
41 100
39 80.1 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#



#42
1,2-Dichloroethane
Concen: 0.508 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.049 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

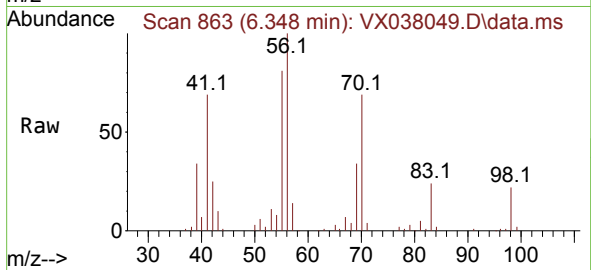
Tgt Ion: 62 Resp: 1264
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0



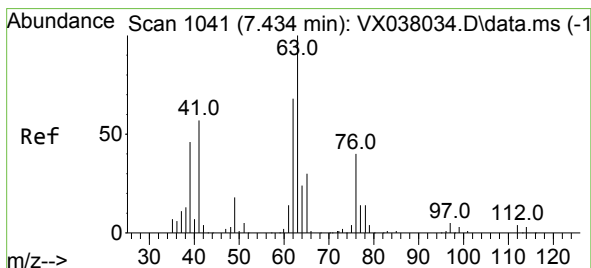
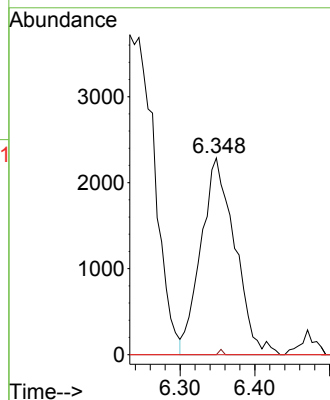
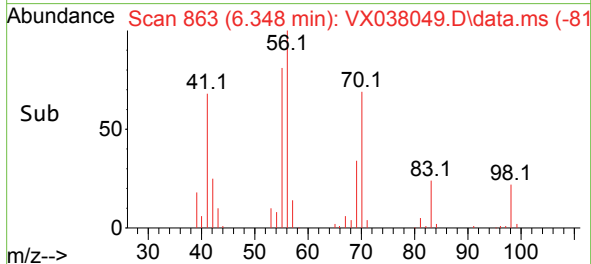


#43
Isopropyl Acetate
Concen: 1.847 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

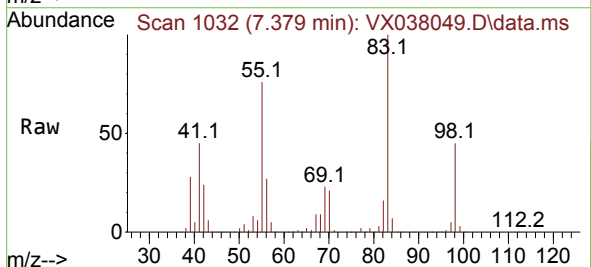
Instrument :
MSVOA_X
ClientSampleId :



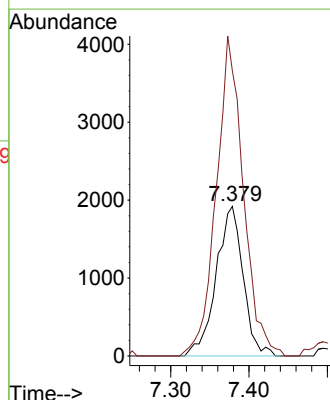
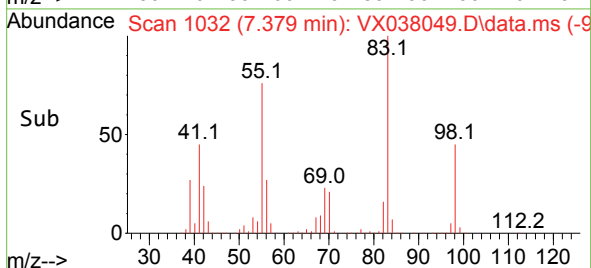
Tgt Ion: 43 Resp: 7225
Ion Ratio Lower Upper
43 100
61 0.3 15.2 22.8#
87 0.0 9.8 14.6#

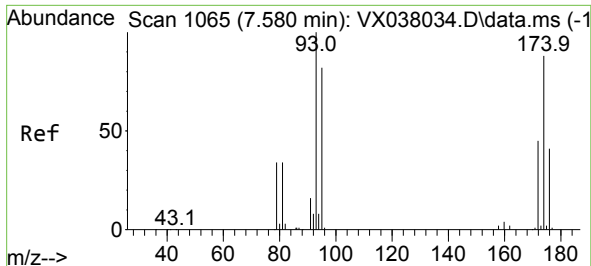


#45
1,2-Dichloropropane
Concen: 2.850 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.055 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02



Tgt Ion: 63 Resp: 4601
Ion Ratio Lower Upper
63 100
65 190.5 24.3 36.5#





#46

Dibromomethane

Concen: 0.346 ug/l

RT: 7.556 min Scan# 1061

Delta R.T. -0.024 min

Lab File: VX038049.D

Acq: 03 Oct 2023 20:02

Instrument :

MSVOA_X

ClientSampleId :

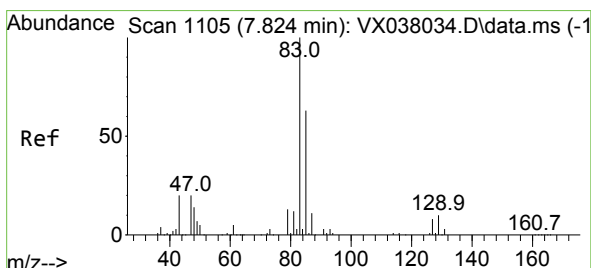
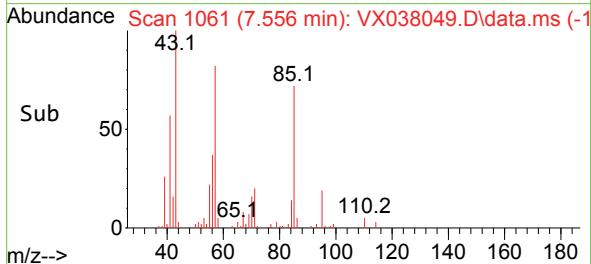
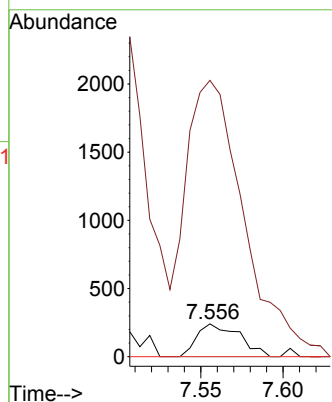
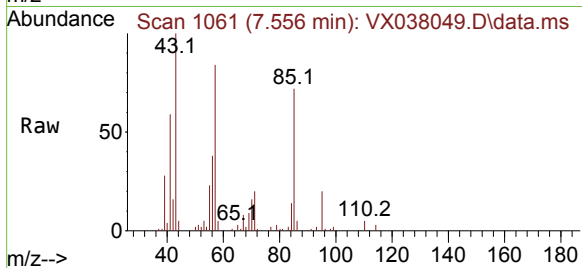
Tgt Ion: 93 Resp: 433

Ion Ratio Lower Upper

93 100

95 1146.7 66.6 100.0#

174 0.0 69.4 104.0#



#47

Bromodichloromethane

Concen: 1.857 ug/l

RT: 7.769 min Scan# 1096

Delta R.T. -0.055 min

Lab File: VX038049.D

Acq: 03 Oct 2023 20:02

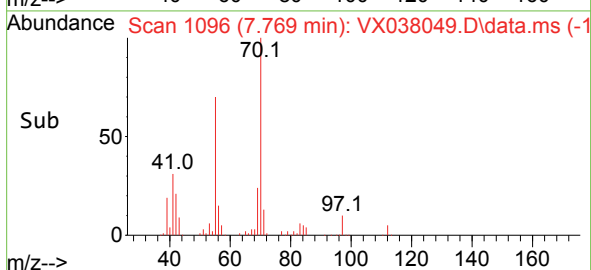
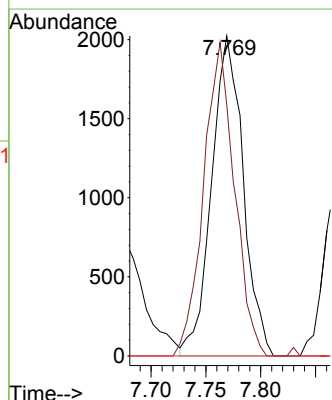
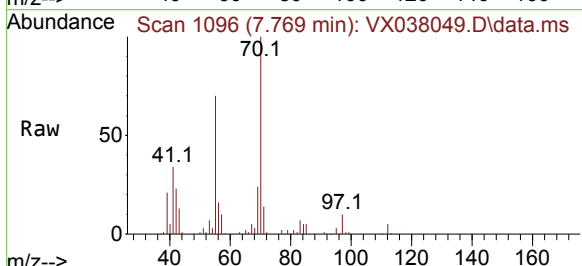
Tgt Ion: 83 Resp: 4042

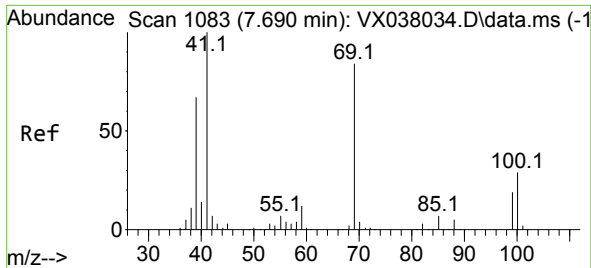
Ion Ratio Lower Upper

83 100

85 78.5 49.8 74.6#

127 0.0 7.1 10.7#

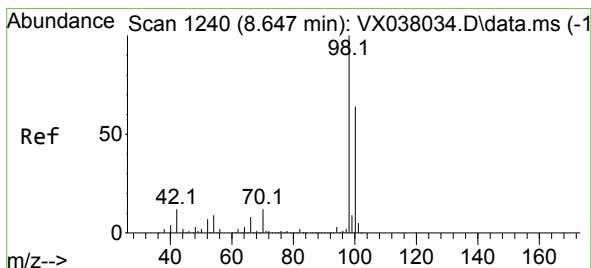
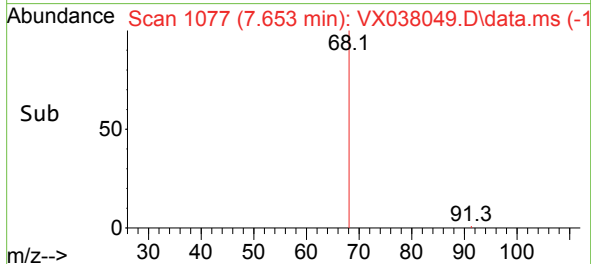
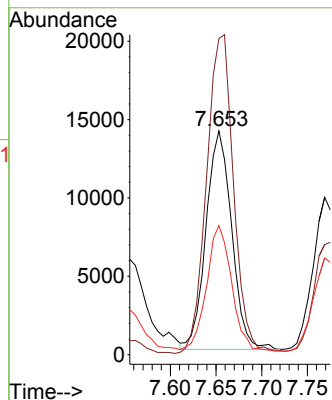
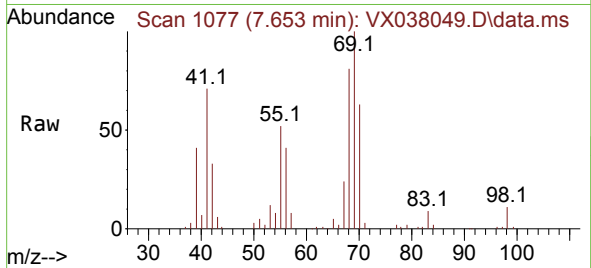




#48
Methyl methacrylate
Concen: 14.508 ug/l
RT: 7.653 min Scan# 1083
Delta R.T. -0.037 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

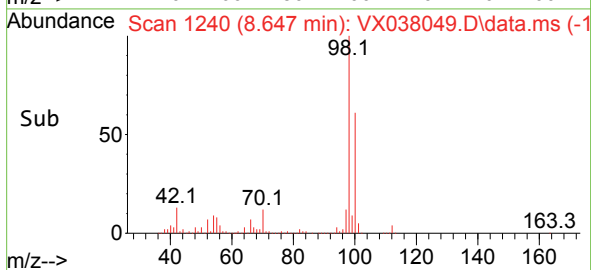
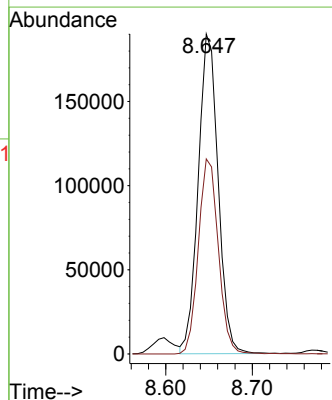
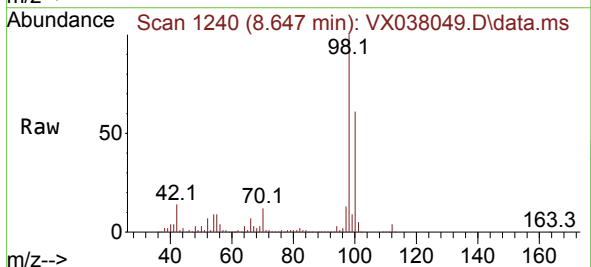
Instrument :
MSVOA_X
ClientSampleId :

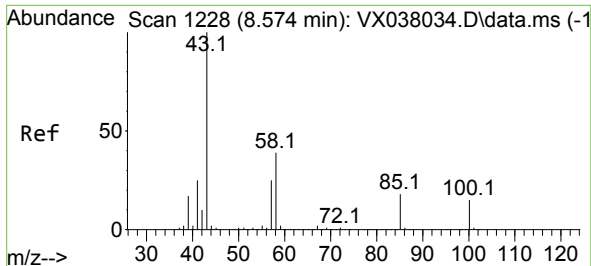
Tgt Ion: 41 Resp: 27282
Ion Ratio Lower Upper
41 100
69 153.5 59.2 88.8#
39 56.1 47.7 71.5



#50
Toluene-d8
Concen: 52.021 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

Tgt Ion: 98 Resp: 303646
Ion Ratio Lower Upper
98 100
100 61.3 53.1 79.7

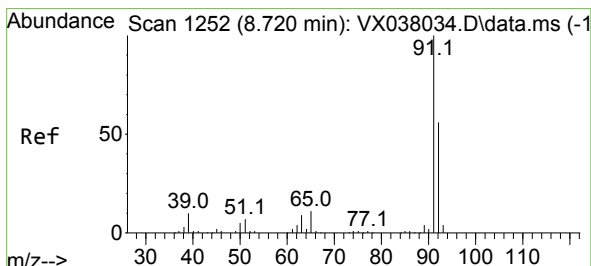
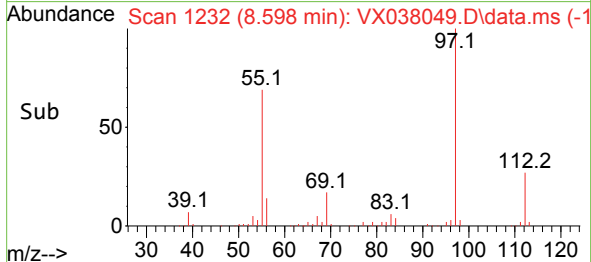
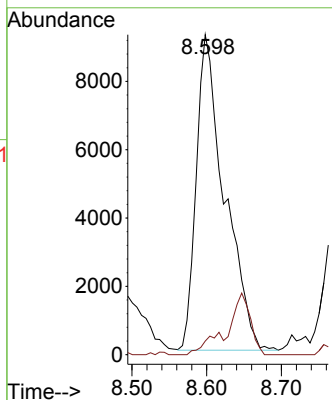
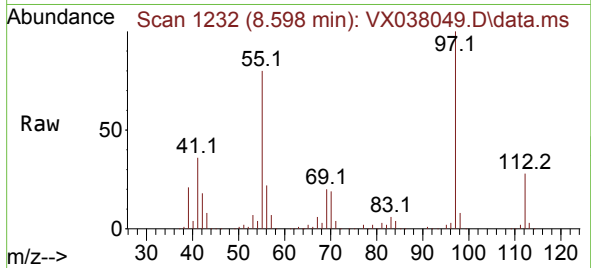




#51
4-Methyl-2-Pentanone
Concen: 8.944 ug/l
RT: 8.598 min Scan# 1232
Delta R.T. 0.024 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

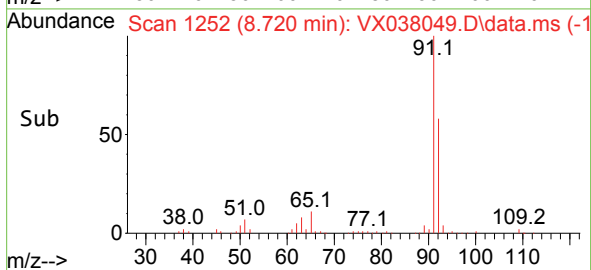
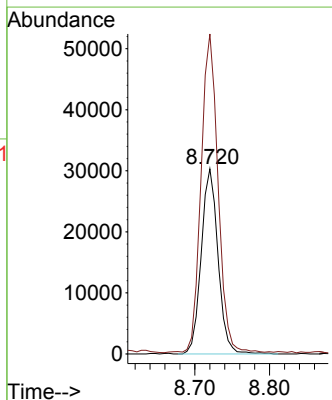
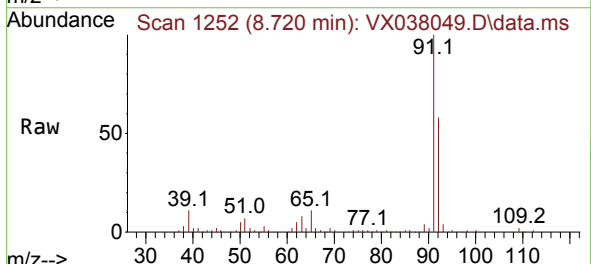
Instrument :
MSVOA_X
ClientSampleId :

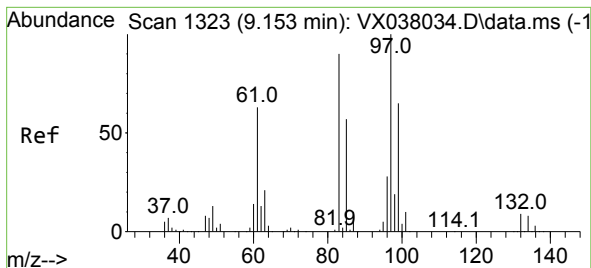
Tgt Ion: 43 Resp: 24304
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#52
Toluene
Concen: 11.525 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

Tgt Ion: 92 Resp: 47298
Ion Ratio Lower Upper
92 100
91 174.3 134.2 201.2





#55

1,1,2-Trichloroethane

Concen: 51.621 ug/l

RT: 9.104 min Scan# 1

Delta R.T. -0.049 min

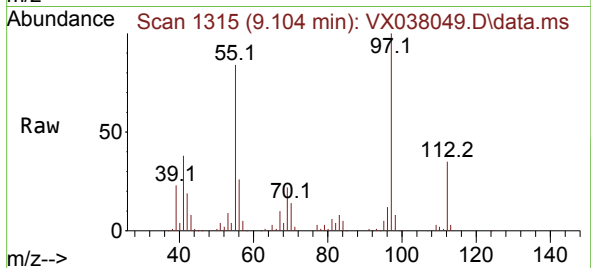
Lab File: VX038049.D

Acq: 03 Oct 2023 20:02

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 97 Resp: 86028

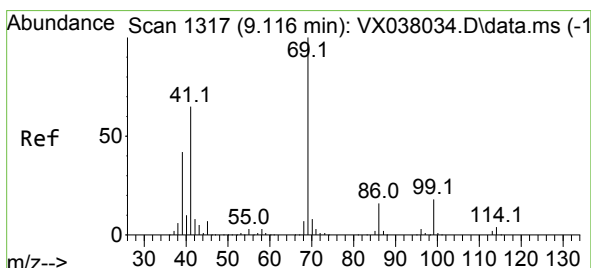
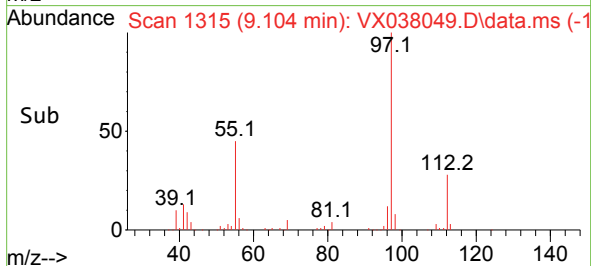
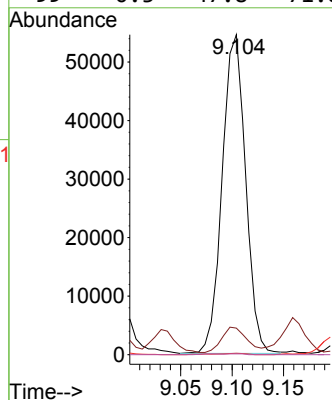
Ion Ratio Lower Upper

97 100

83 5.8 65.8 98.8#

85 0.5 41.6 62.4#

99 0.3 47.8 71.8#



#56

Ethyl methacrylate

Concen: 9.409 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.018 min

Lab File: VX038049.D

Acq: 03 Oct 2023 20:02

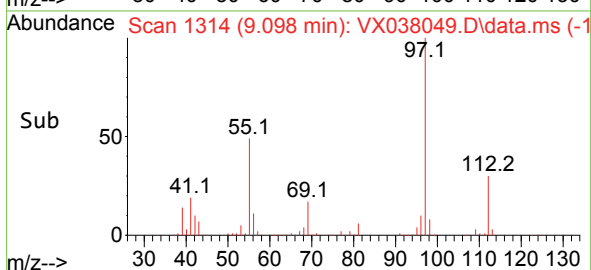
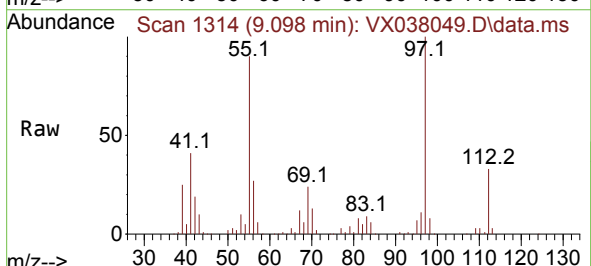
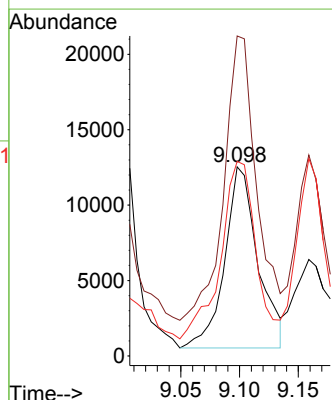
Tgt Ion: 69 Resp: 23568

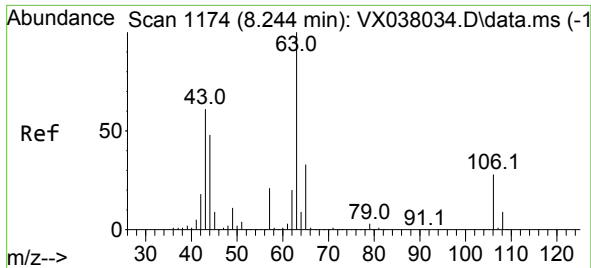
Ion Ratio Lower Upper

69 100

41 161.3 56.8 85.2#

39 103.0 32.0 48.0#

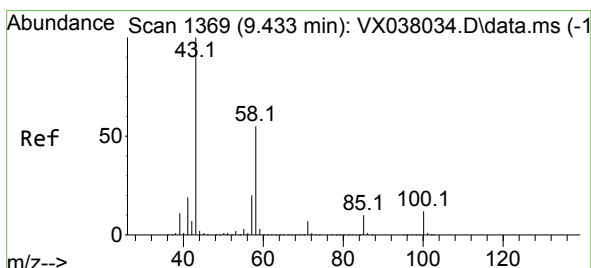
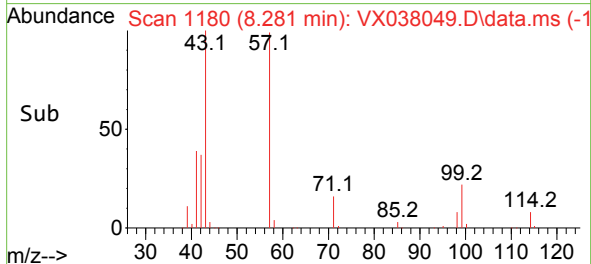
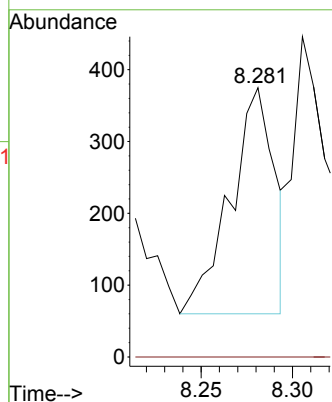
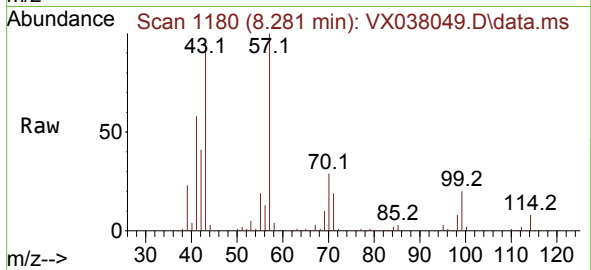




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.415 ug/l
 RT: 8.281 min Scan# 1174
 Delta R.T. 0.037 min
 Lab File: VX038049.D
 Acq: 03 Oct 2023 20:02

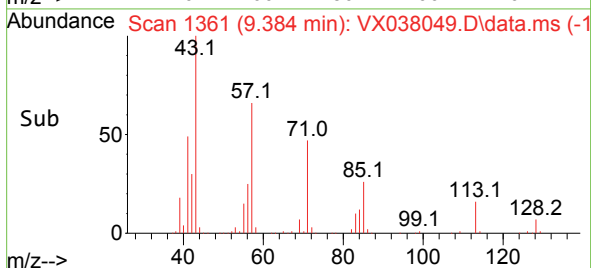
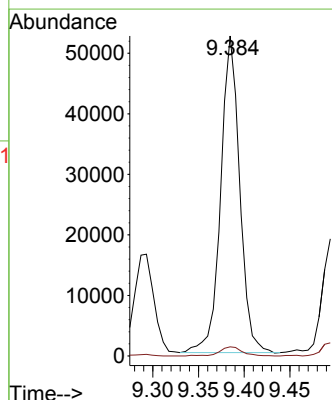
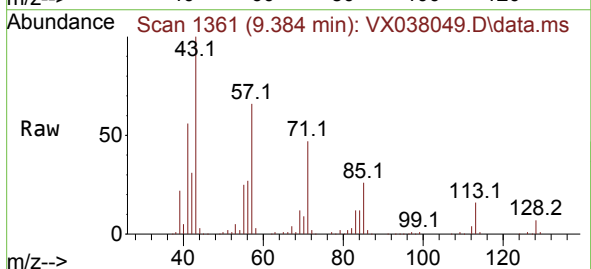
Instrument :
 MSVOA_X
 ClientSampleId :

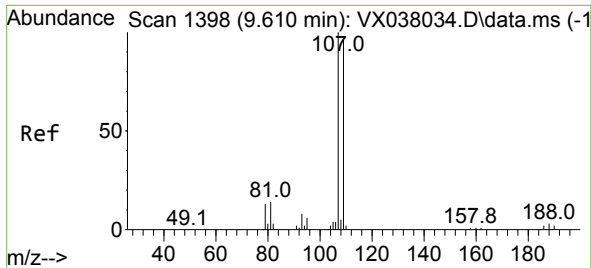
Tgt Ion: 63 Resp: 531
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.5 33.7#



#59
 2-Hexanone
 Concen: 34.912 ug/l
 RT: 9.384 min Scan# 1361
 Delta R.T. -0.049 min
 Lab File: VX038049.D
 Acq: 03 Oct 2023 20:02

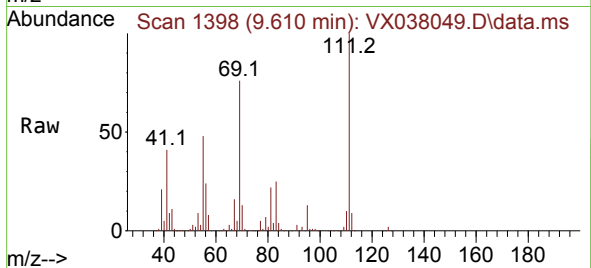
Tgt Ion: 43 Resp: 75889
 Ion Ratio Lower Upper
 43 100
 58 3.4 26.2 78.5#



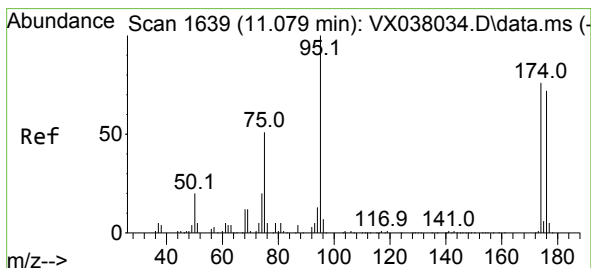
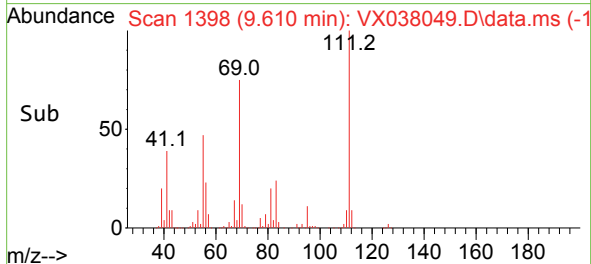
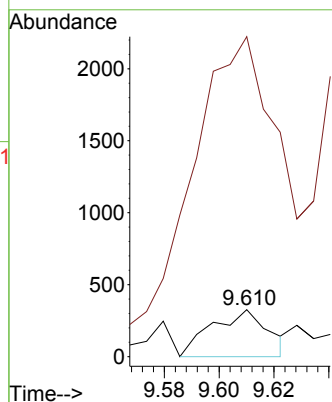


#61
1,2-Dibromoethane
Concen: 0.258 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

Instrument :
MSVOA_X
ClientSampleId :

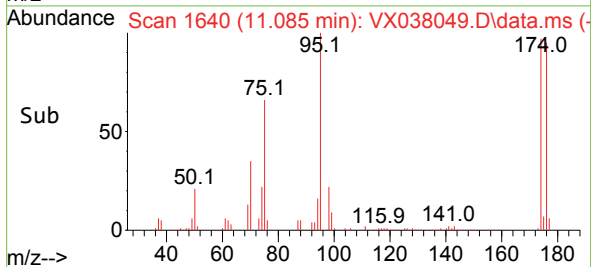
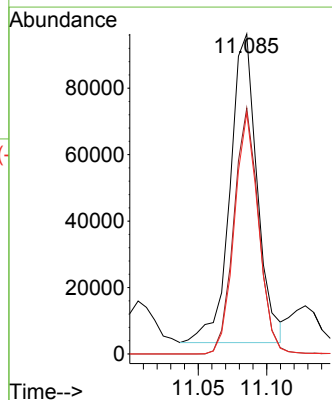
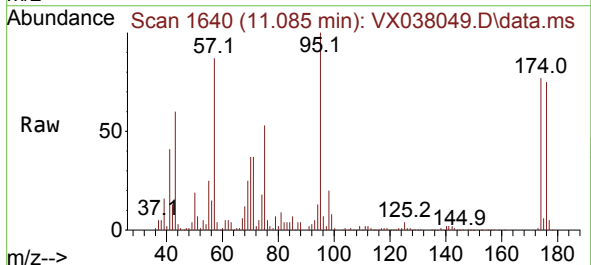


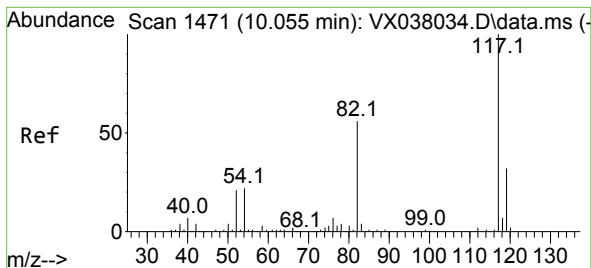
Tgt Ion:107 Resp: 467
Ion Ratio Lower Upper
107 100
109 944.5 75.2 112.8#



#62
4-Bromofluorobenzene
Concen: 60.381 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

Tgt Ion: 95 Resp: 128270
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 69.6 0.0 131.0

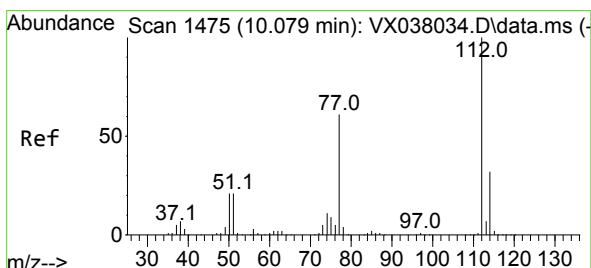
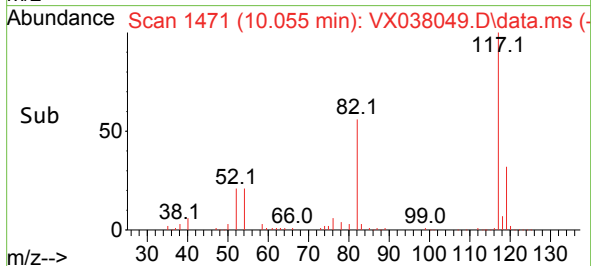
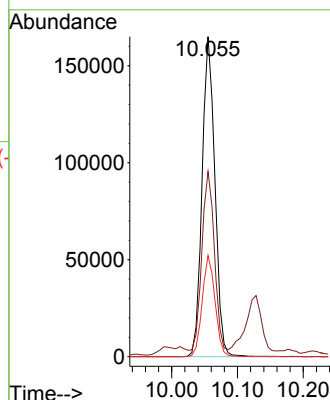
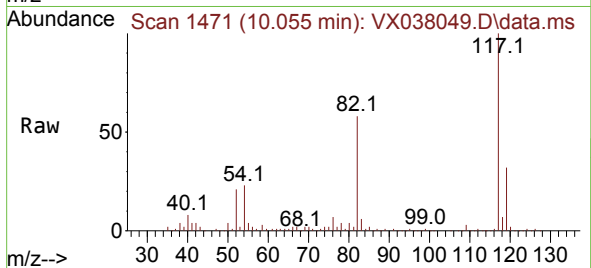




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

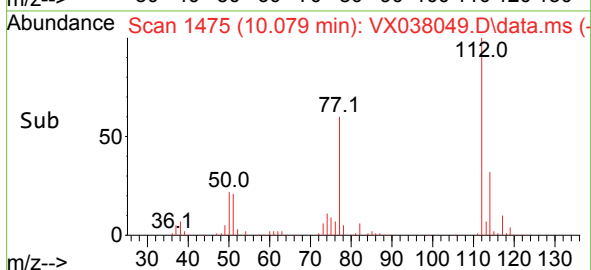
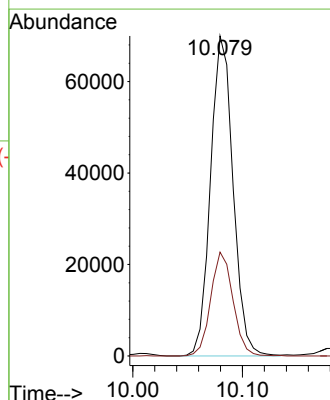
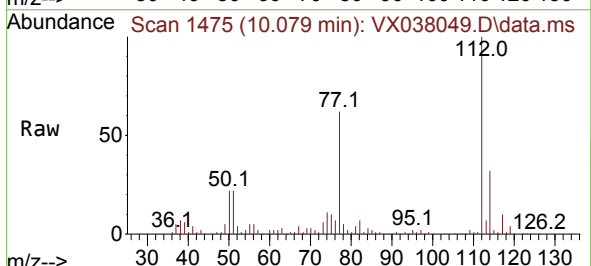
Instrument :
MSVOA_X
ClientSampleId :

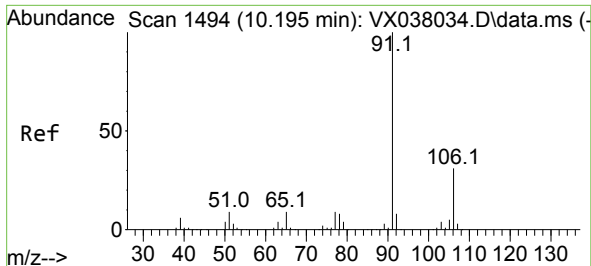
Tgt Ion:117 Resp: 223520
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 31.6 25.5 38.3



#65
Chlorobenzene
Concen: 21.303 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

Tgt Ion:112 Resp: 99956
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5





#67

Ethyl Benzene

Concen: 80.914 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038049.D

Acq: 03 Oct 2023 20:02

Instrument :

MSVOA_X

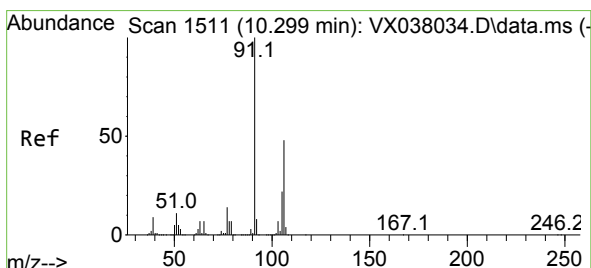
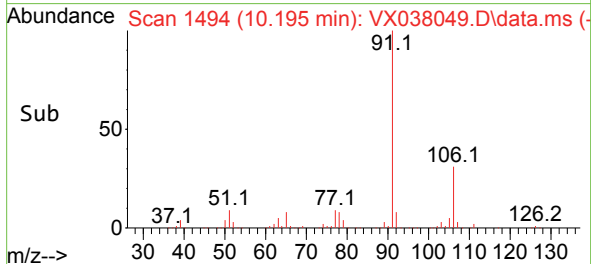
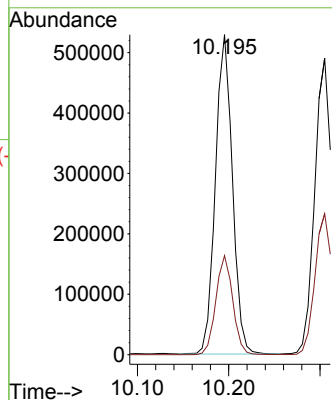
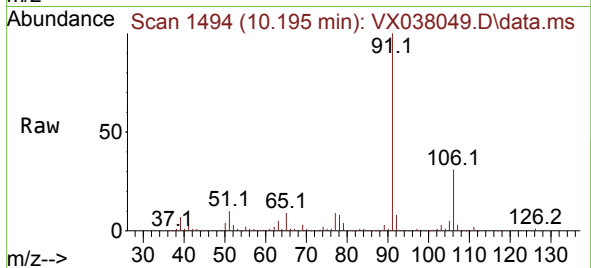
ClientSampleId :

Tgt Ion: 91 Resp: 682951

Ion Ratio Lower Upper

91 100

106 31.0 24.9 37.3



#68

m/p-Xylenes

Concen: 96.020 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX038049.D

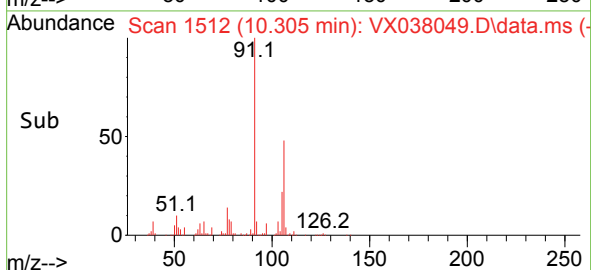
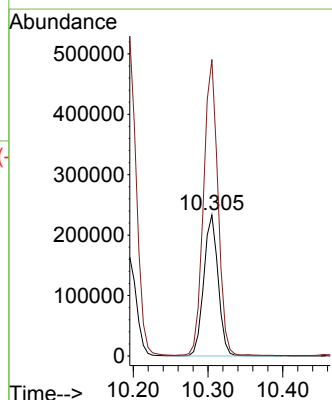
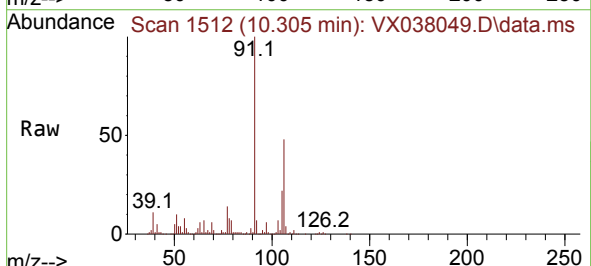
Acq: 03 Oct 2023 20:02

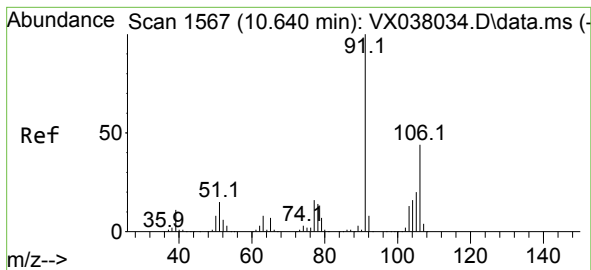
Tgt Ion: 106 Resp: 310379

Ion Ratio Lower Upper

106 100

91 211.0 165.5 248.3

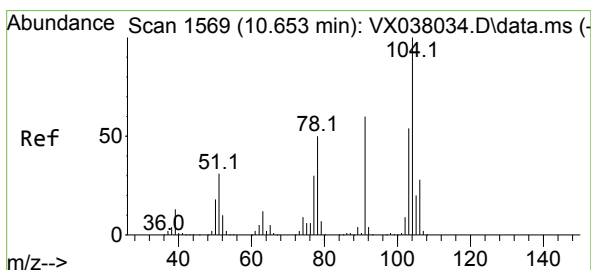
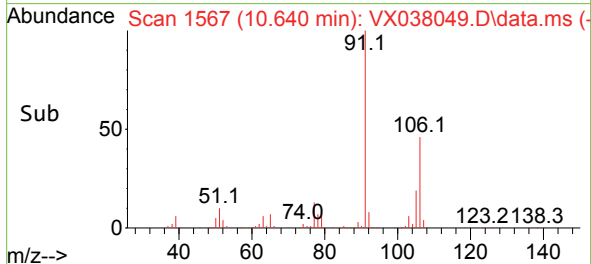
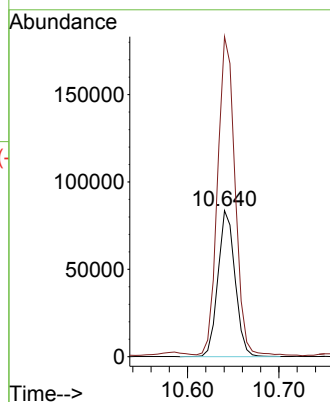
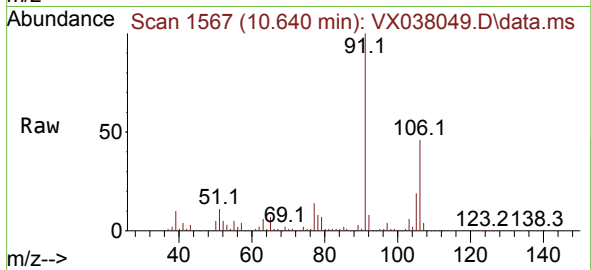




#69
o-Xylene
Concen: 35.472 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

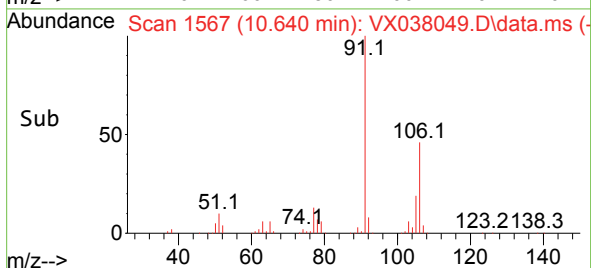
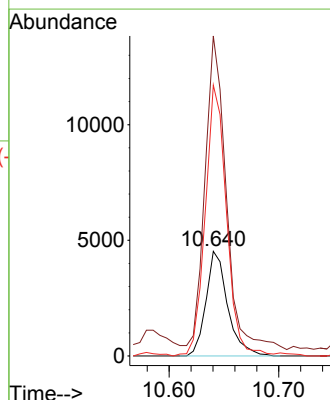
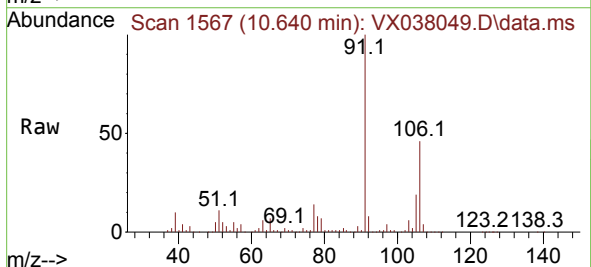
Instrument :
MSVOA_X
ClientSampleId :

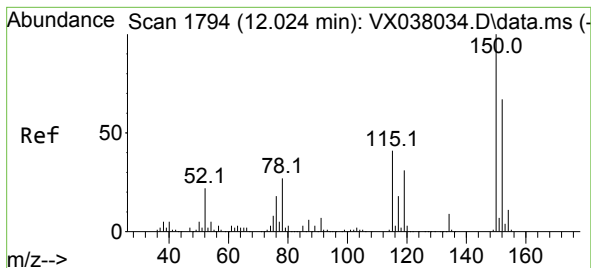
Tgt Ion:106 Resp: 108886
Ion Ratio Lower Upper
106 100
91 223.5 108.9 326.8



#70
Styrene
Concen: 1.228 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.012 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

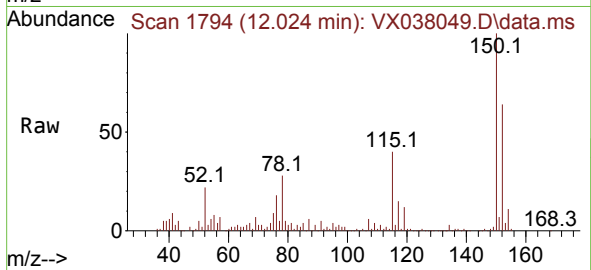
Tgt Ion:104 Resp: 6227
Ion Ratio Lower Upper
104 100
78 294.4 43.6 65.4#
103 253.6 43.6 65.4#



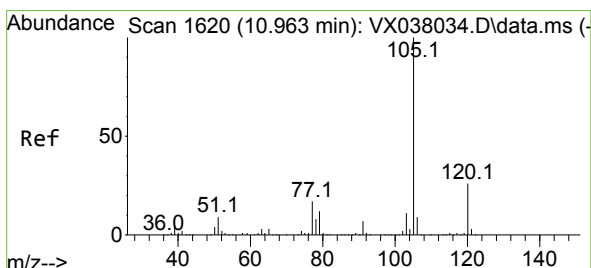
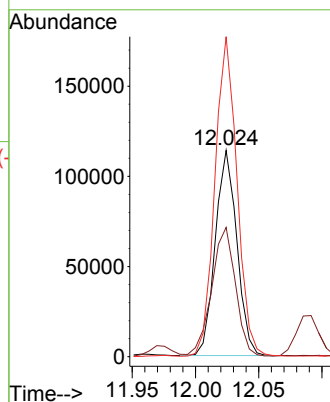
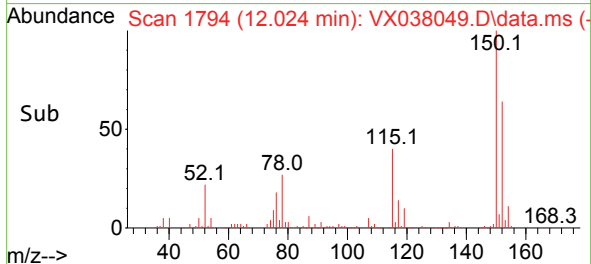


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX038049.D
 Acq: 03 Oct 2023 20:02

Instrument :
 MSVOA_X
 ClientSampleId :

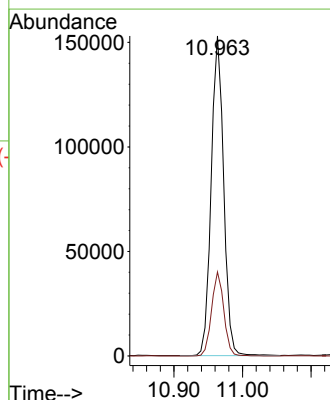
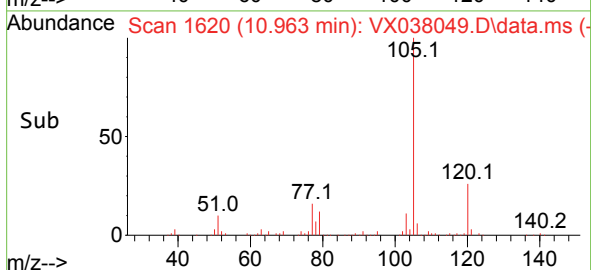
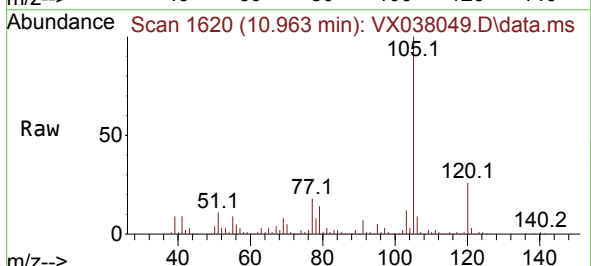


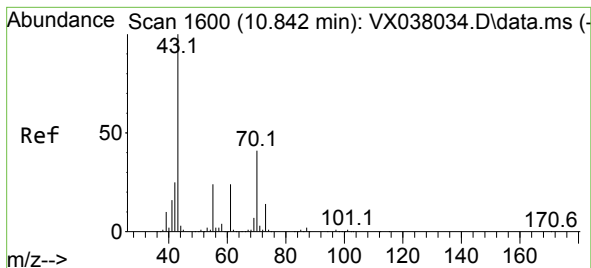
Tgt Ion:152 Resp: 134890
 Ion Ratio Lower Upper
 152 100
 115 68.9 43.3 129.9
 150 159.2 0.0 345.0



#73
 Isopropylbenzene
 Concen: 21.139 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX038049.D
 Acq: 03 Oct 2023 20:02

Tgt Ion:105 Resp: 193516
 Ion Ratio Lower Upper
 105 100
 120 25.8 12.9 38.6





#74

N-amy1 acetate

Concen: 10.919 ug/l

RT: 10.854 min Scan# 1

Delta R.T. 0.012 min

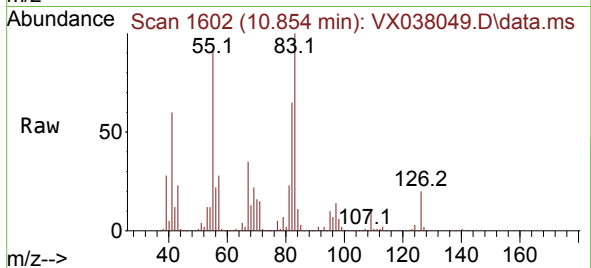
Lab File: VX038049.D

Acq: 03 Oct 2023 20:02

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 44984

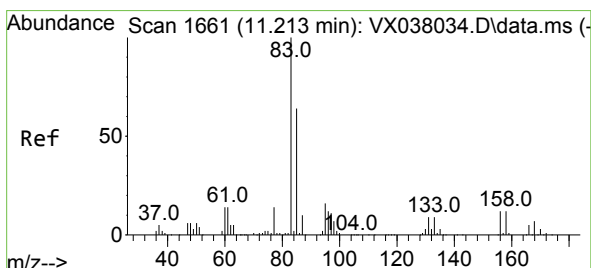
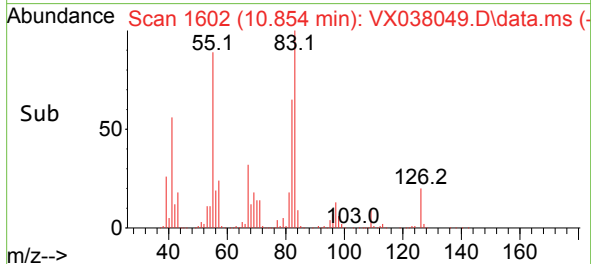
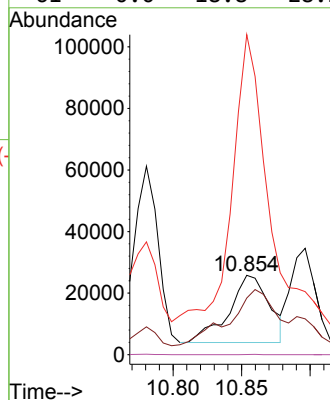
Ion Ratio Lower Upper

43 100

70 97.3 32.9 49.3#

55 399.0 19.3 28.9#

61 0.0 18.8 28.2#



#75

1,1,2,2-Tetrachloroethane

Concen: 9.848 ug/l

RT: 11.220 min Scan# 1662

Delta R.T. 0.006 min

Lab File: VX038049.D

Acq: 03 Oct 2023 20:02

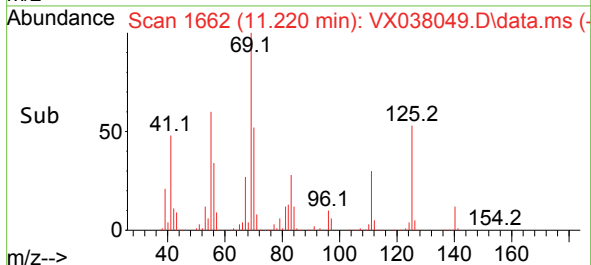
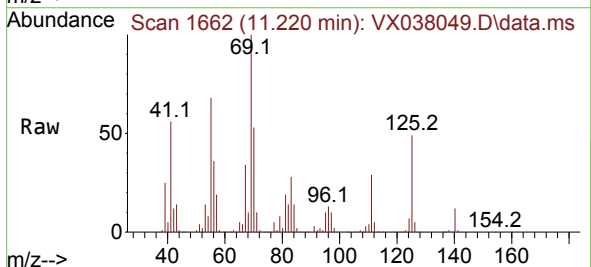
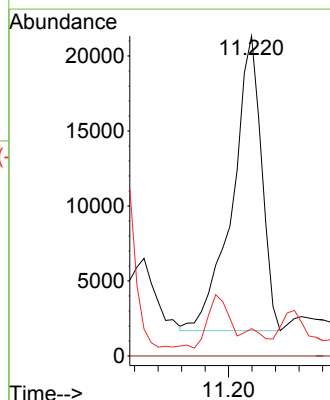
Tgt Ion: 83 Resp: 33744

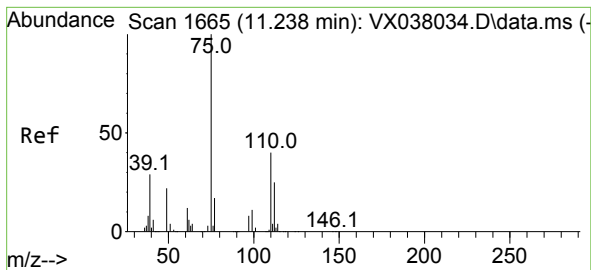
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 0.0 32.0 96.2#





#76

1,2,3-Trichloropropane

Concen: 1.076 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.067 min

Lab File: VX038049.D

Acq: 03 Oct 2023 20:02

Instrument :

MSVOA_X

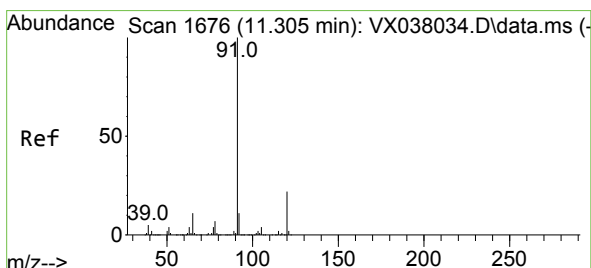
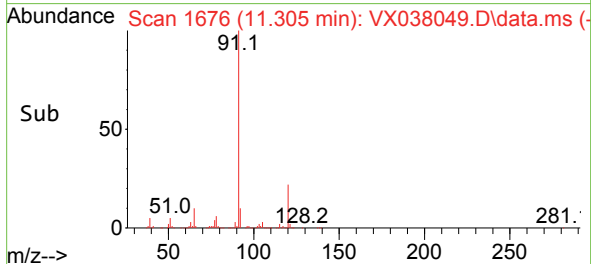
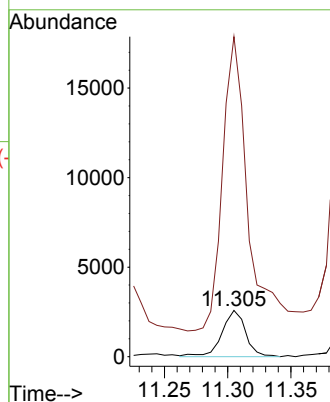
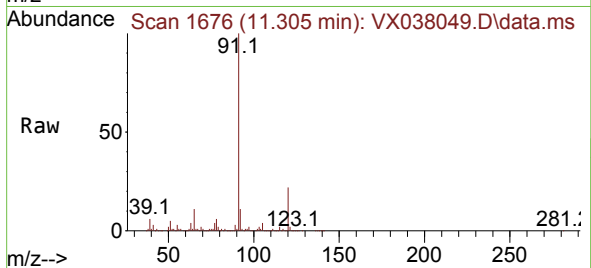
ClientSampleId :

Tgt Ion: 75 Resp: 3363

Ion Ratio Lower Upper

75 100

77 705.4 19.1 57.5#



#78

n-propylbenzene

Concen: 44.255 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038049.D

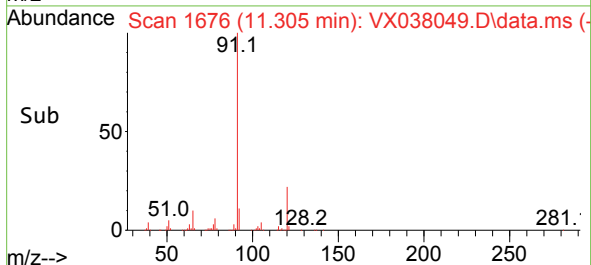
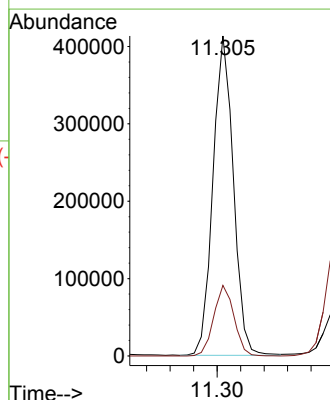
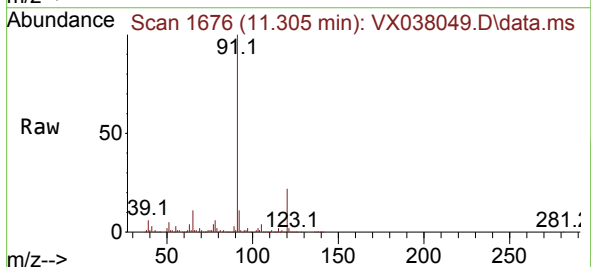
Acq: 03 Oct 2023 20:02

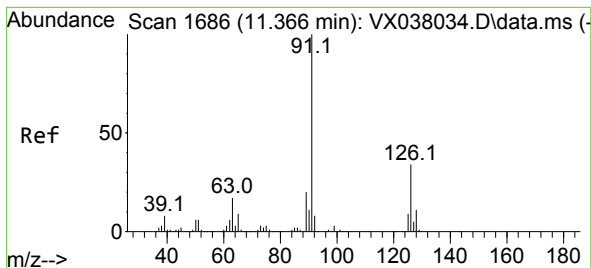
Tgt Ion: 91 Resp: 497808

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 11.263 ug/l

RT: 11.402 min Scan# 1

Delta R.T. 0.037 min

Lab File: VX038049.D

Acq: 03 Oct 2023 20:02

Instrument :

MSVOA_X

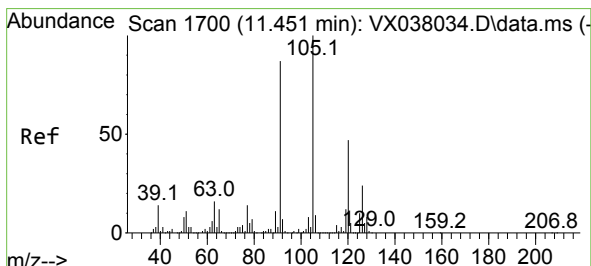
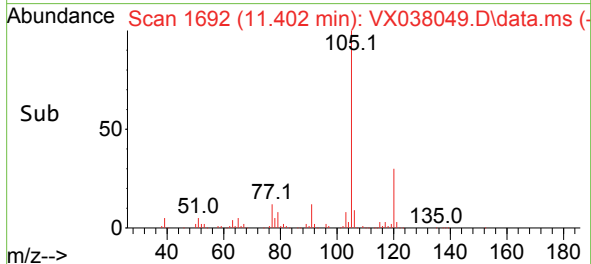
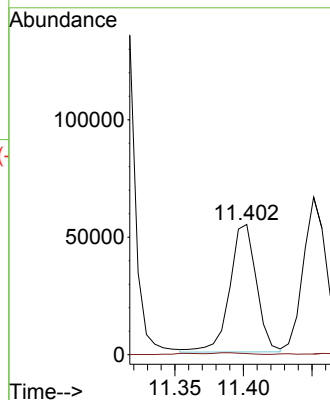
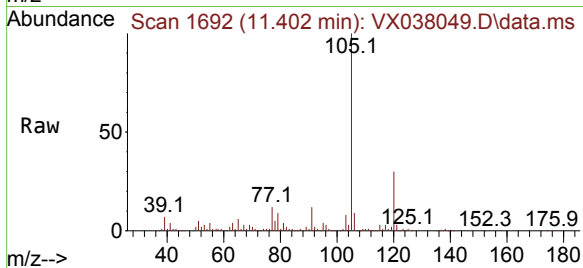
ClientSampleId :

Tgt Ion: 91 Resp: 73566

Ion Ratio Lower Upper

91 100

126 1.5 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 85.597 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038049.D

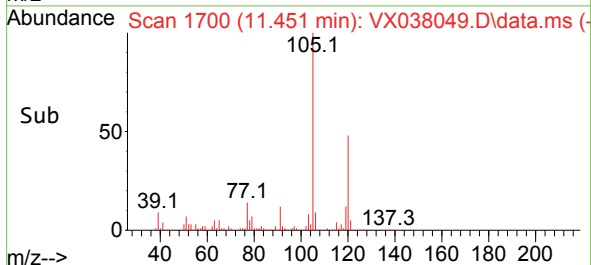
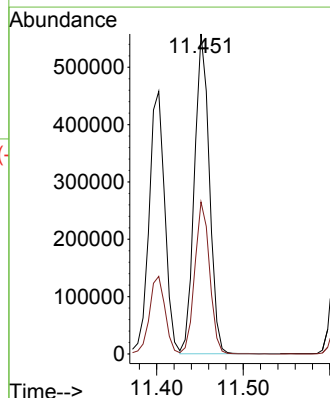
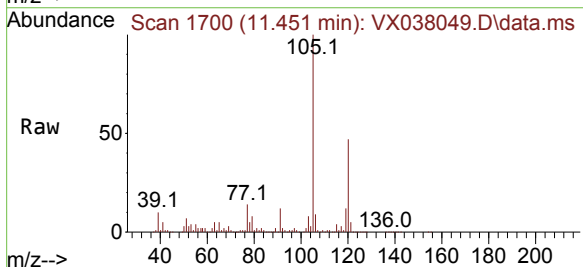
Acq: 03 Oct 2023 20:02

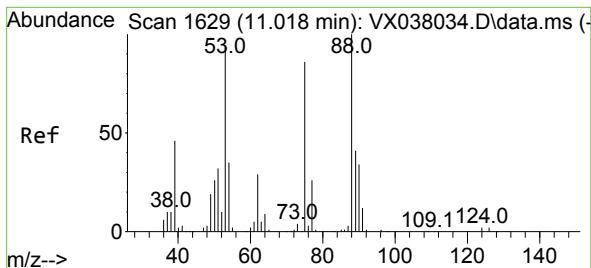
Tgt Ion: 105 Resp: 666913

Ion Ratio Lower Upper

105 100

120 47.1 24.1 72.3

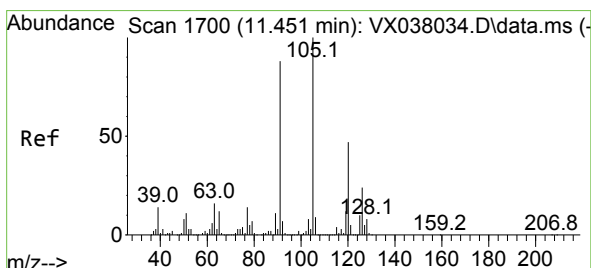
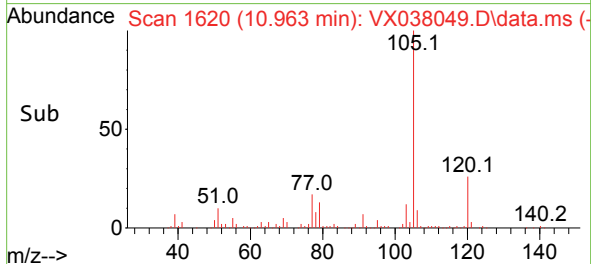
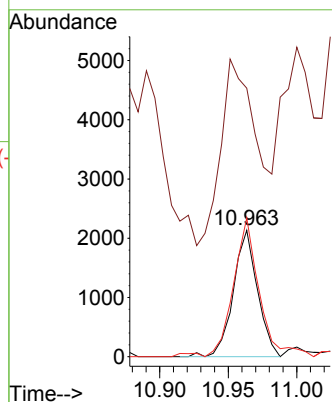
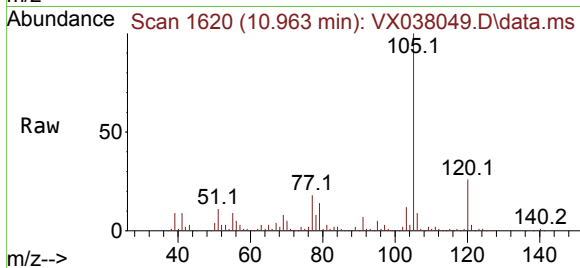




#81
trans-1,4-Dichloro-2-butene
Concen: 2.828 ug/l
RT: 10.963 min Scan# 1629
Delta R.T. -0.055 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

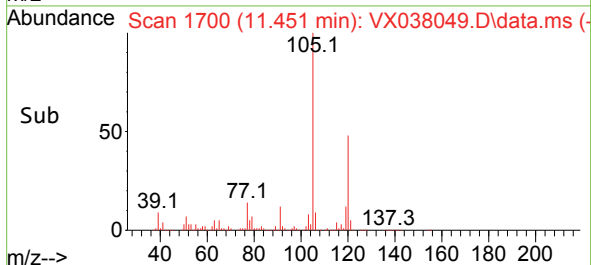
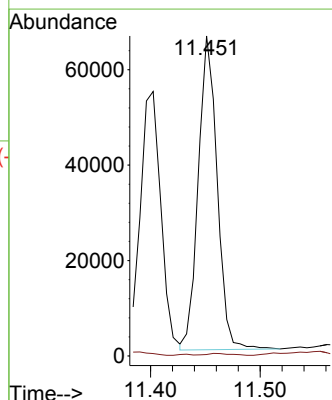
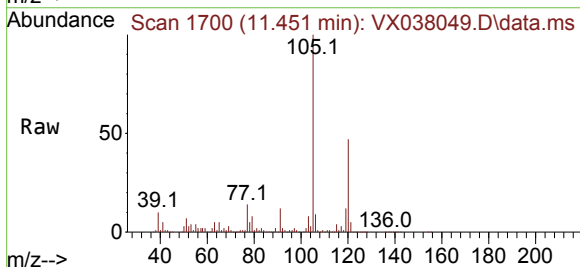
Instrument :
MSVOA_X
ClientSampleId :

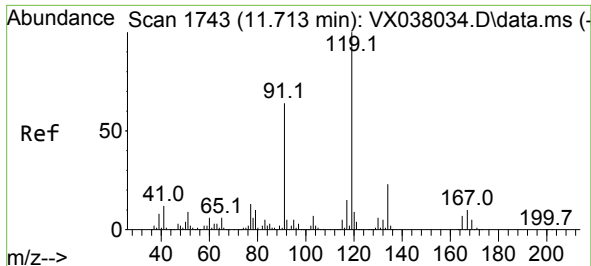
Tgt Ion: 75 Resp: 2617
Ion Ratio Lower Upper
75 100
53 219.9 90.5 135.7#
89 116.2 36.9 55.3#



#82
4-Chlorotoluene
Concen: 10.016 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

Tgt Ion: 91 Resp: 78848
Ion Ratio Lower Upper
91 100
126 0.7 14.2 42.6#

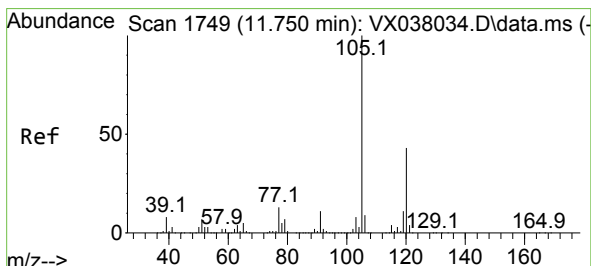
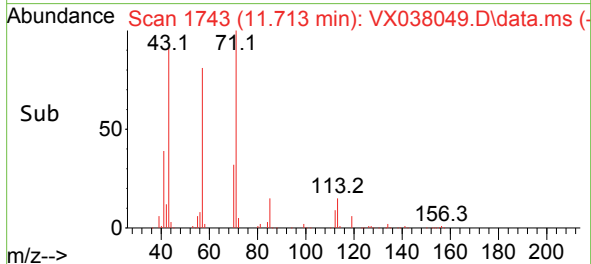
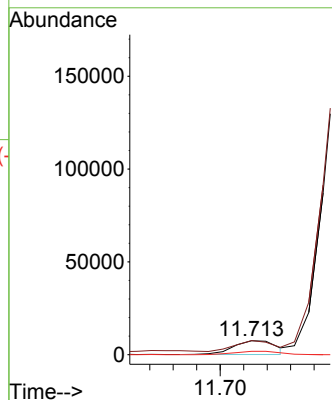
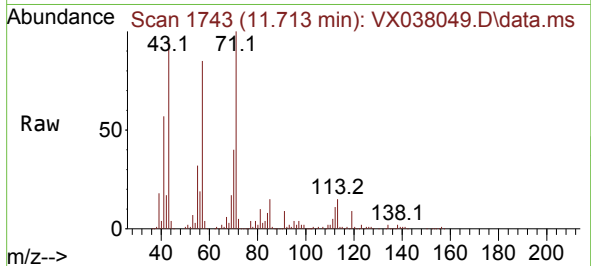




#83
tert-Butylbenzene
Concen: 1.212 ug/l
RT: 11.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

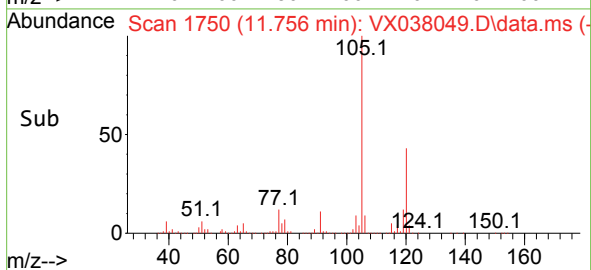
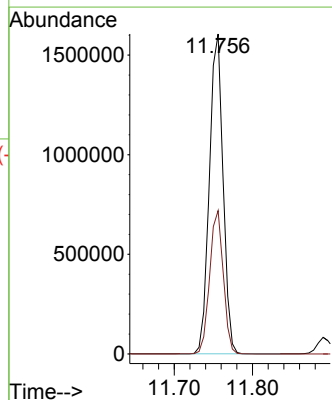
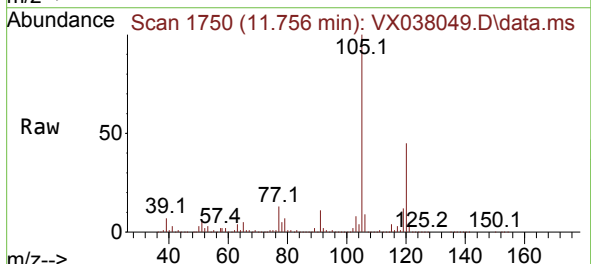
Instrument :
MSVOA_X
ClientSampleId :

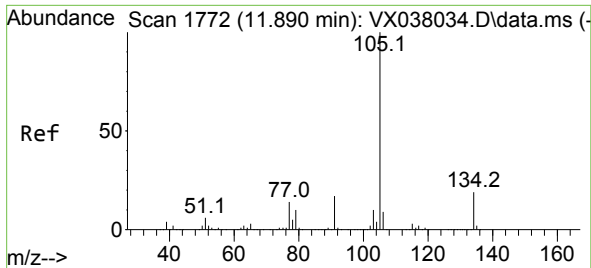
Tgt Ion:119 Resp: 9384
Ion Ratio Lower Upper
119 100
91 0.0 31.2 93.6#
134 26.7 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 247.301 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

Tgt Ion:105 Resp: 1943310
Ion Ratio Lower Upper
105 100
120 44.6 21.2 63.6

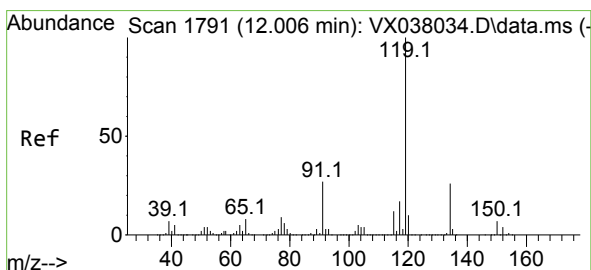
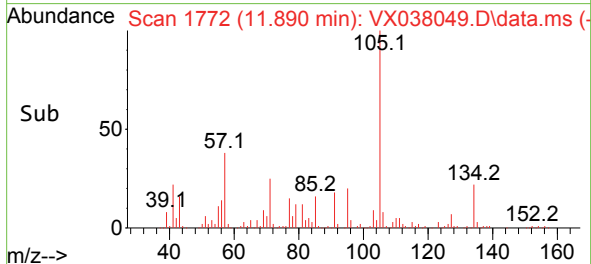
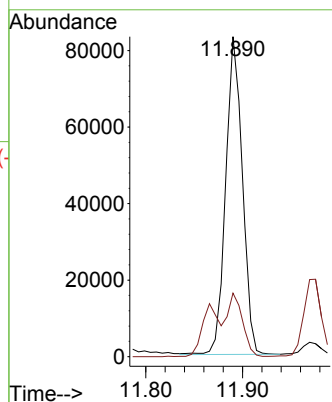
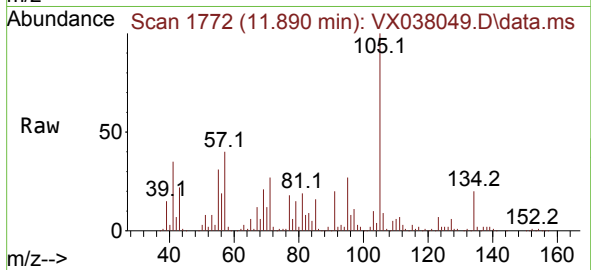




#85
 sec-Butylbenzene
 Concen: 9.886 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038049.D
 Acq: 03 Oct 2023 20:02

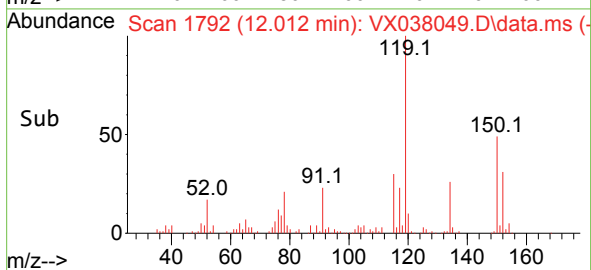
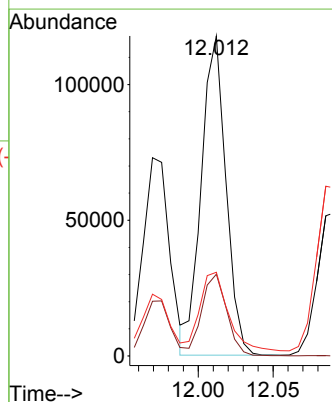
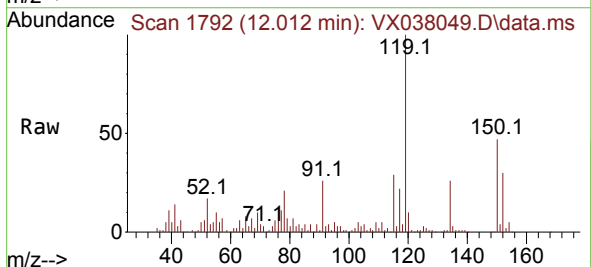
Instrument :
 MSVOA_X
 ClientSampleId :

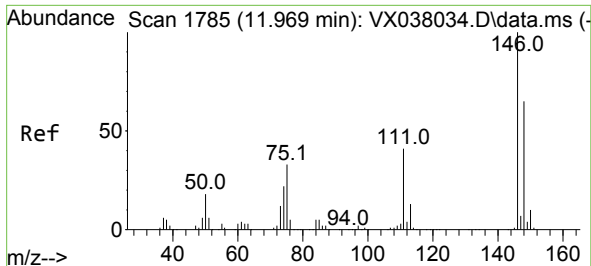
Tgt Ion:105 Resp: 99308
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 16.394 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038049.D
 Acq: 03 Oct 2023 20:02

Tgt Ion:119 Resp: 134864
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 28.3 13.1 39.3

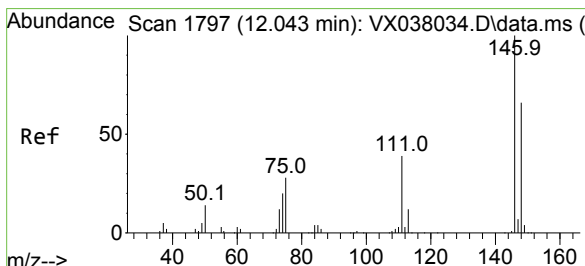
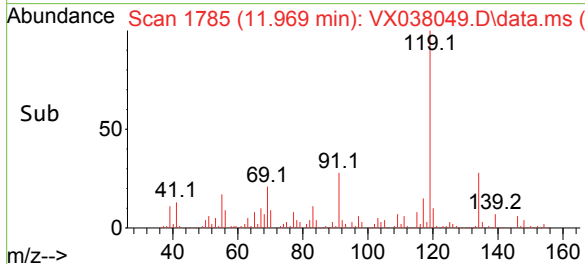
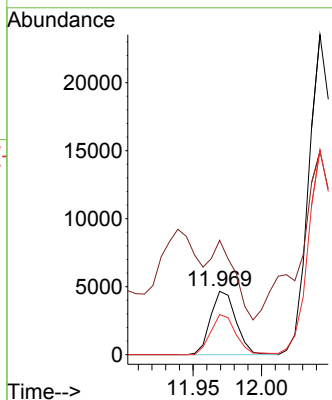
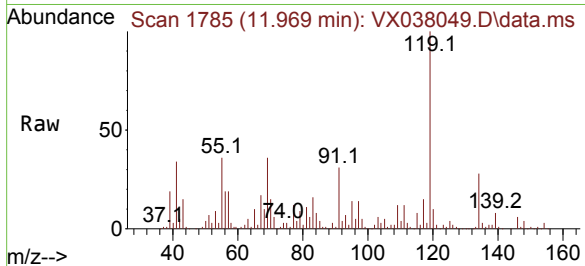




#87
1,3-Dichlorobenzene
Concen: 1.334 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

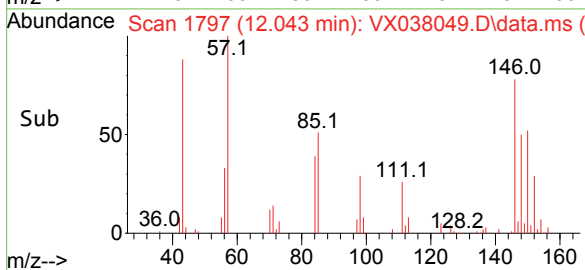
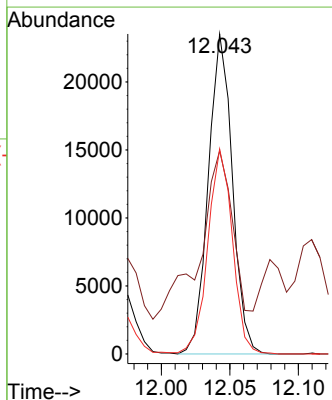
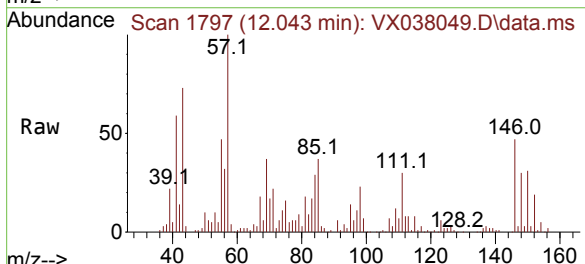
Instrument :
MSVOA_X
ClientSampleId :

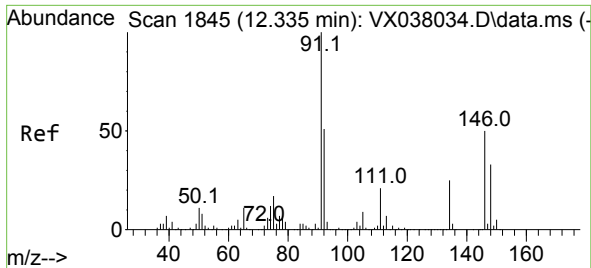
Tgt Ion:146 Resp: 6004
Ion Ratio Lower Upper
146 100
111 0.0 22.1 66.1#
148 62.9 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 6.082 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

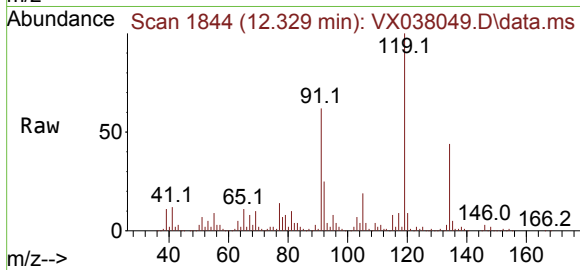
Tgt Ion:146 Resp: 28568
Ion Ratio Lower Upper
146 100
111 71.0 21.3 63.7#
148 65.7 31.8 95.4



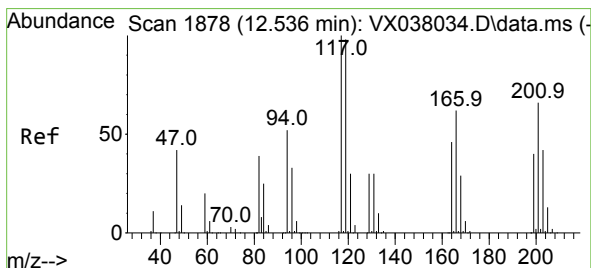
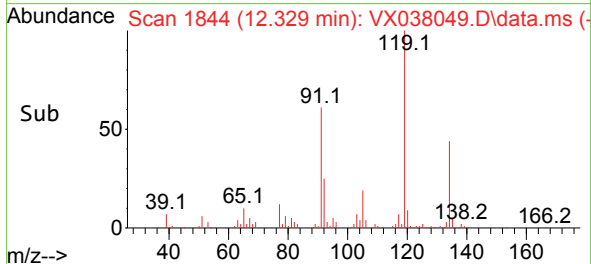
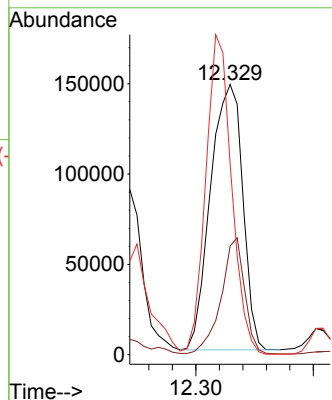


#89
n-Butylbenzene
Concen: 34.128 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

Instrument :
MSVOA_X
ClientSampleId :

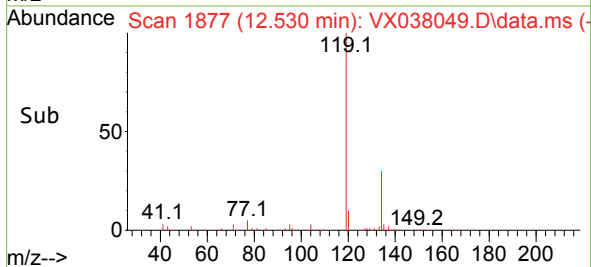
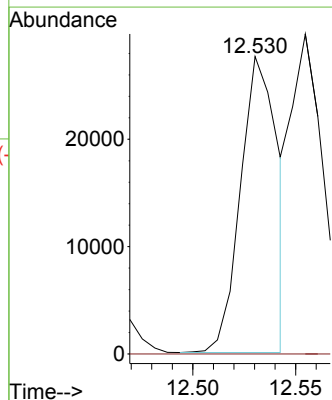
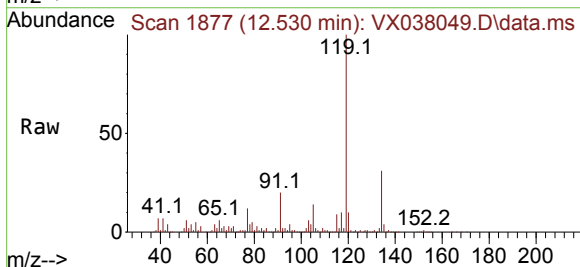


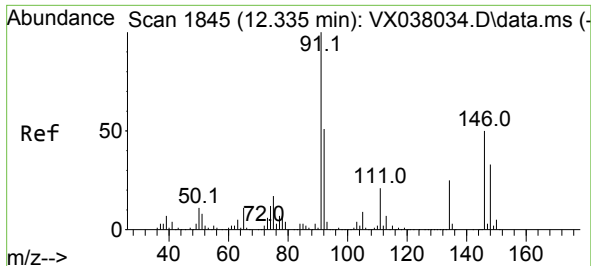
Tgt Ion: 91 Resp: 280198
Ion Ratio Lower Upper
91 100
92 32.0 27.4 82.0
134 96.4 12.6 37.8#



#90
Hexachloroethane
Concen: 25.831 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

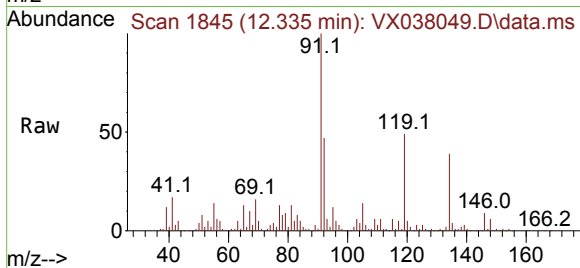
Tgt Ion: 117 Resp: 34633
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#



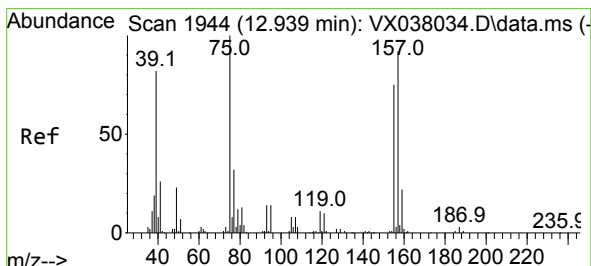
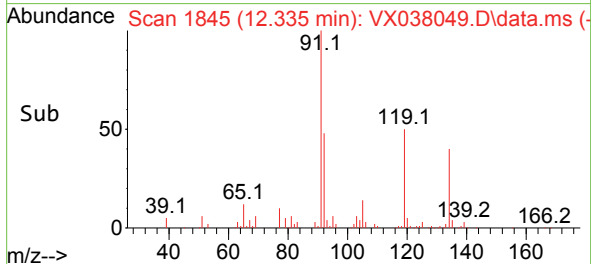
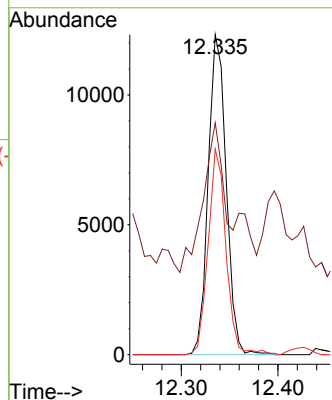


#91
1,2-Dichlorobenzene
Concen: 3.720 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

Instrument :
MSVOA_X
ClientSampleId :

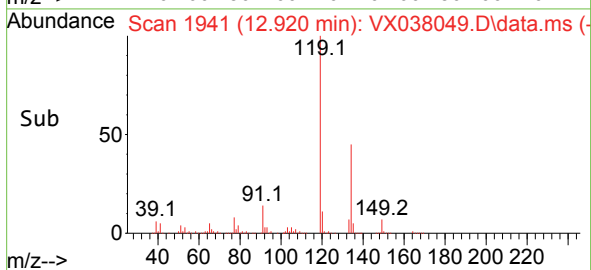
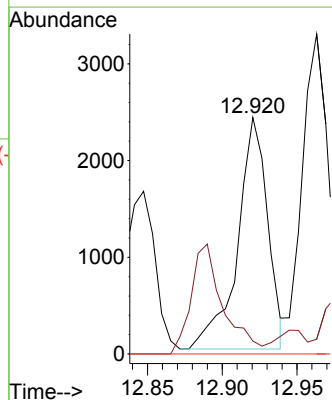
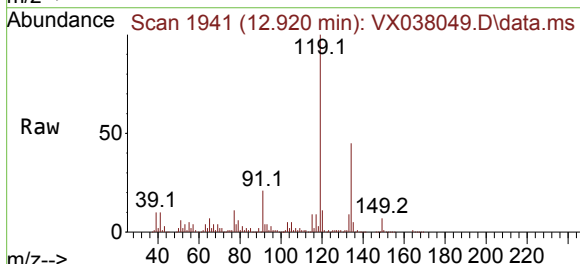


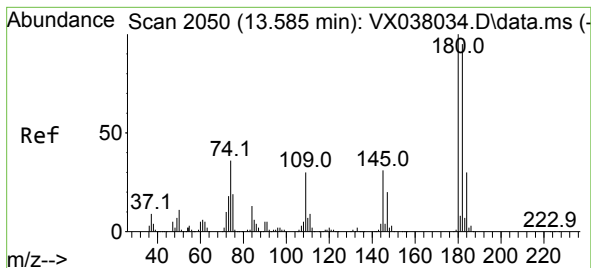
Tgt Ion:146 Resp: 15931
Ion Ratio Lower Upper
146 100
111 55.2 22.4 67.0
148 64.0 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.305 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.018 min
Lab File: VX038049.D
Acq: 03 Oct 2023 20:02

Tgt Ion: 75 Resp: 3357
Ion Ratio Lower Upper
75 100
155 0.0 36.1 108.5#
157 0.0 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 0.622 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX038049.D

Acq: 03 Oct 2023 20:02

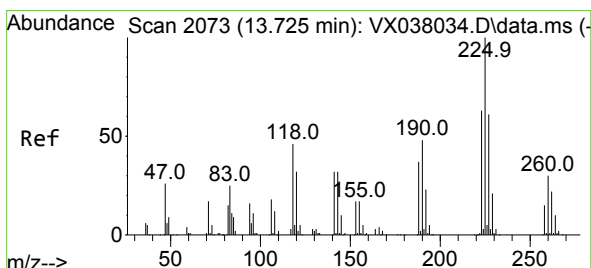
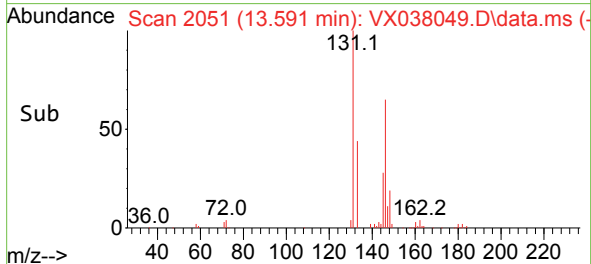
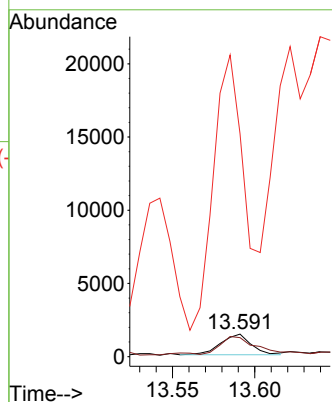
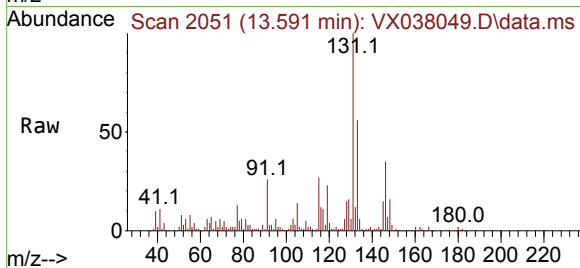
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 1849

Ion	Ratio	Lower	Upper
180	100		
182	104.2	48.3	144.8
145	1359.4	18.0	54.0#



#94

Hexachlorobutadiene

Concen: 0.510 ug/l

RT: 13.725 min Scan# 2073

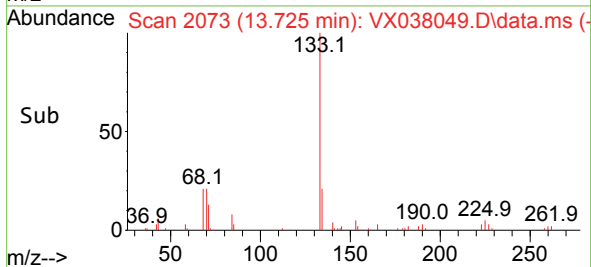
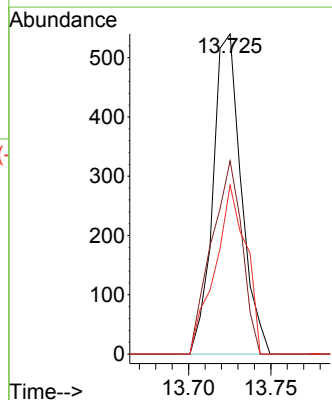
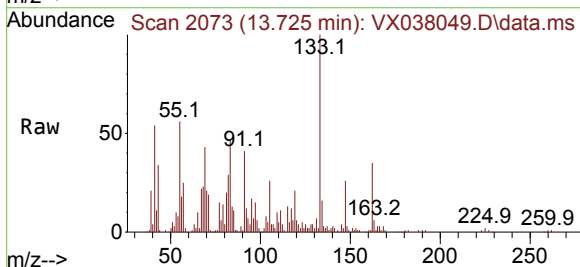
Delta R.T. 0.000 min

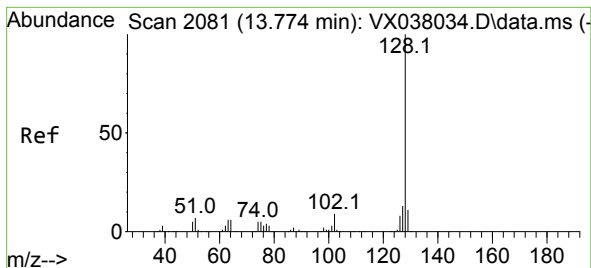
Lab File: VX038049.D

Acq: 03 Oct 2023 20:02

Tgt Ion:225 Resp: 646

Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.1	93.2
227	57.9	32.5	97.5





#95

Naphthalene

Concen: 99.648 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

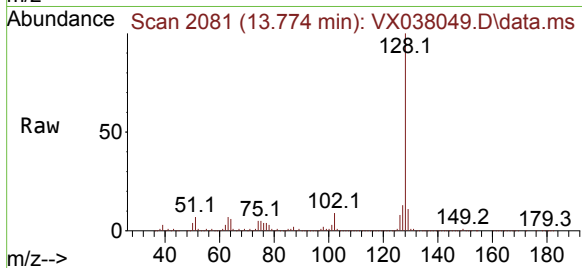
Lab File: VX038049.D

Acq: 03 Oct 2023 20:02

Instrument :

MSVOA_X

ClientSampleId :



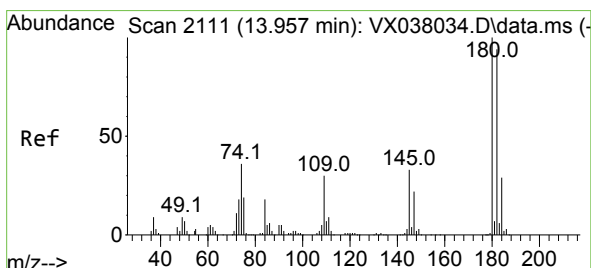
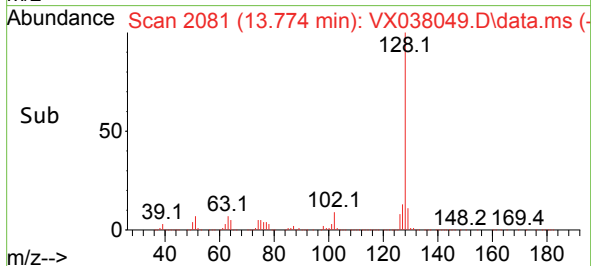
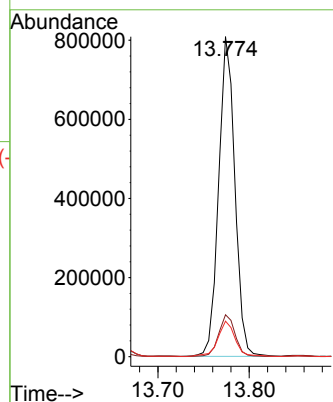
Tgt Ion:128 Resp: 997920

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.392 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.012 min

Lab File: VX038049.D

Acq: 03 Oct 2023 20:02

Tgt Ion:180 Resp: 1127

Ion Ratio Lower Upper

180 100

182 83.3 46.9 140.6

145 3352.9 17.8 53.5#

