

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070523\
 Data File : VX036399.D
 Acq On : 05 Jul 2023 13:21
 Operator : JC/MD
 Sample : PB153983TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153983TB

Quant Time: Jul 06 04:49:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	175404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	288777	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	266330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110409	43.913	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.820%		
35) Dibromofluoromethane	5.385	113	92640	48.652	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.300%		
50) Toluene-d8	8.646	98	352186	49.521	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.040%		
62) 4-Bromofluorobenzene	11.079	95	124884	49.853	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.700%		
Target Compounds						Qvalue
5) Bromomethane	1.617	94	520	0.226	ug/l	87
10) Methyl Iodide	2.452	142	531	0.218	ug/l #	64
11) Tert butyl alcohol	2.989	59	765	1.672	ug/l #	78
13) Acrolein	2.233	56	151	0.240	ug/l #	15
15) Acrylonitrile	3.074	53	644	0.555	ug/l #	91
16) Acetone	2.385	43	96256	89.567	ug/l	92
17) Carbon Disulfide	2.513	76	2148	0.439	ug/l	97
18) Methyl Acetate	2.708	43	2104	0.476	ug/l	92
20) Methylene Chloride	2.794	84	7493	3.238	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	468	0.220	ug/l #	54
23) Vinyl Acetate	3.727	43	1471	0.312	ug/l #	73
25) 2-Butanone	4.568	43	43667	28.280	ug/l	93
29) Tetrahydrofuran	5.025	42	1421	1.445	ug/l #	86
37) Ethyl Acetate	4.720	43	32607	11.272	ug/l	98
38) Carbon Tetrachloride	5.556	117	17243	6.652	ug/l #	14
43) Isopropyl Acetate	6.342	43	174144	37.735	ug/l	97
48) Methyl methacrylate	7.799	41	148440	64.511	ug/l #	49
49) 1,4-Dioxane	7.708	88	90	1.764	ug/l #	1
51) 4-Methyl-2-Pentanone	8.573	43	302407	101.710	ug/l #	80
53) t-1,3-Dichloropropene	8.951	75	1487	0.536	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	62038	19.764	ug/l #	58
57) 1,3-Dichloropropane	9.482	76	7809	2.182	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.250	63	429	0.244	ug/l #	84
59) 2-Hexanone	9.482	43	103229	47.545	ug/l #	53
68) m/p-Xylenes	10.299	106	1048	0.271	ug/l	90
74) N-amyl acetate	10.817	43	1913	0.534	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	64372	25.097	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	64372	81.811	ug/l #	5
82) 4-Chlorotoluene	11.457	91	1487	0.203	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	1711	0.225	ug/l	80
87) 1,3-Dichlorobenzene	11.975	146	940	0.229	ug/l	82
88) 1,4-Dichlorobenzene	11.975	146	940	0.225	ug/l	81
89) n-Butylbenzene	12.329	91	2013	0.289	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	824	0.204	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	1185	0.477	ug/l	95
94) Hexachlorobutadiene	13.725	225	601	0.591	ug/l	98

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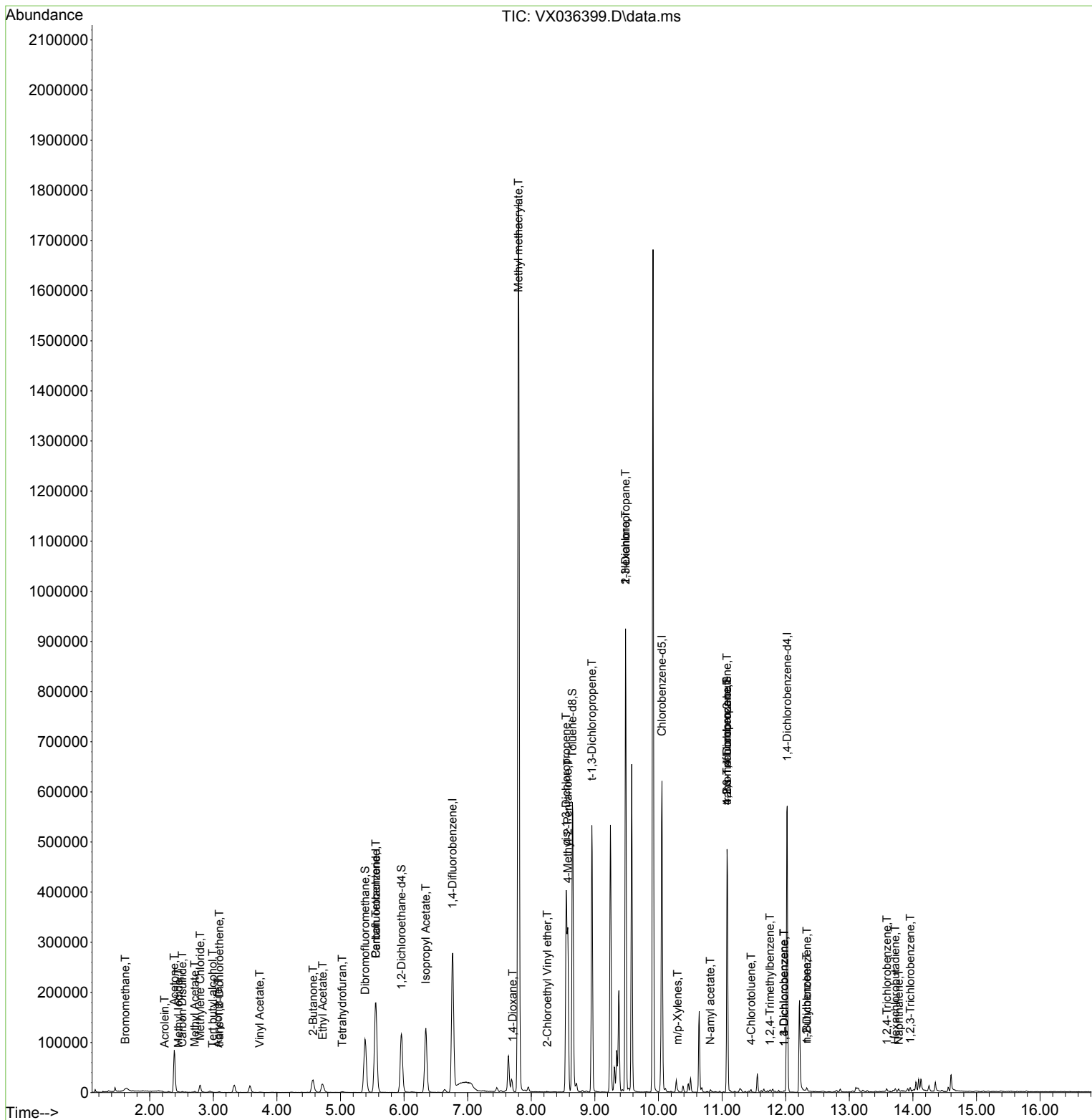
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MSVOA_X
ClientSampleId :
PB153983TB

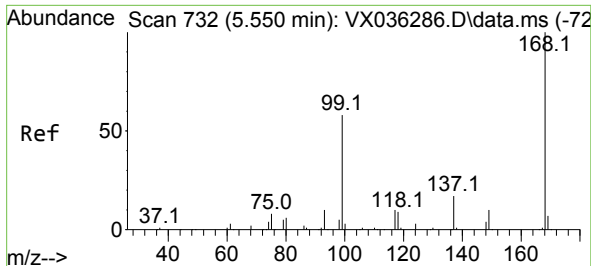
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.780	128	3970	0.484	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	1167	0.481	ug/l	96

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

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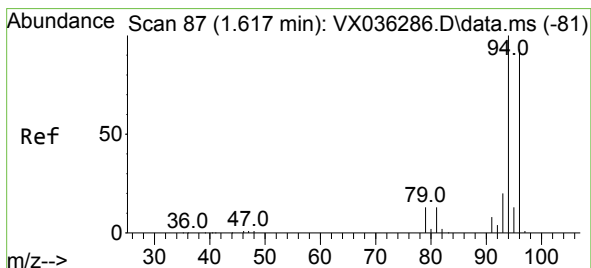
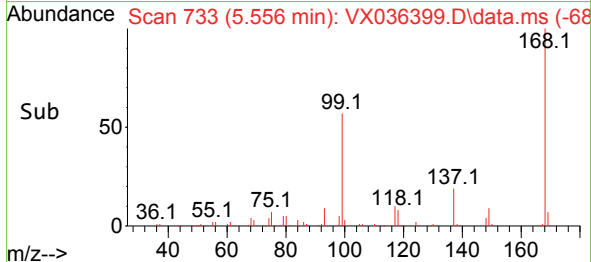
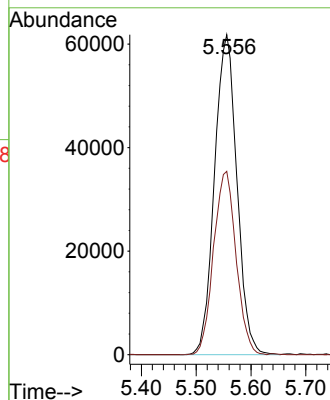
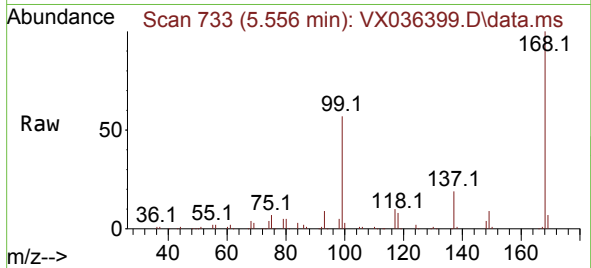




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

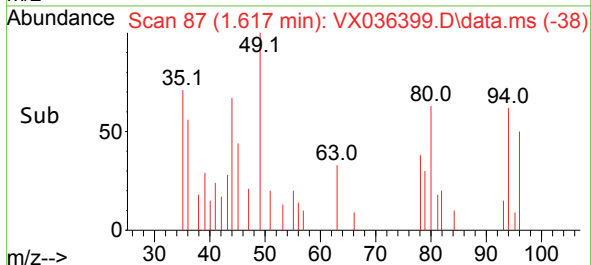
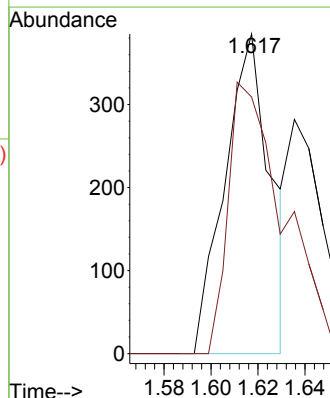
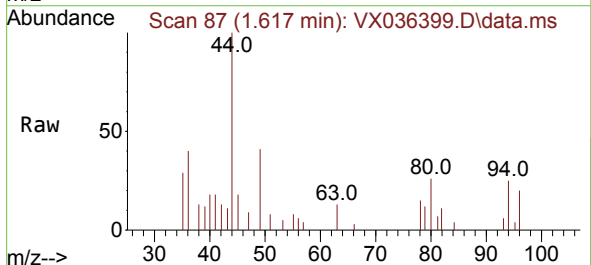
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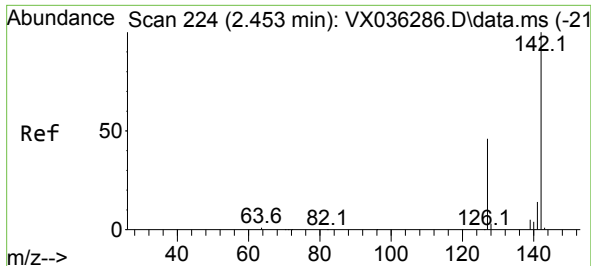
Tgt Ion:168 Resp: 175404
Ion Ratio Lower Upper
168 100
99 57.3 56.6 85.0



#5
Bromomethane
Concen: 0.226 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

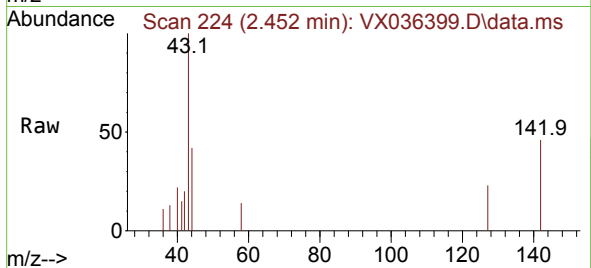
Tgt Ion: 94 Resp: 520
Ion Ratio Lower Upper
94 100
96 80.3 74.6 111.8



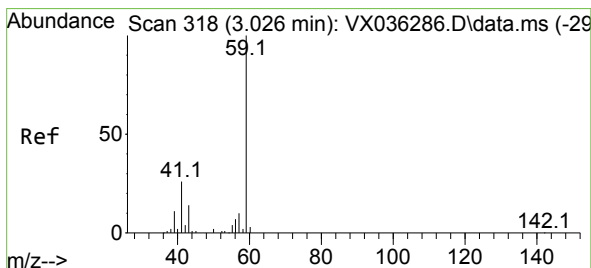
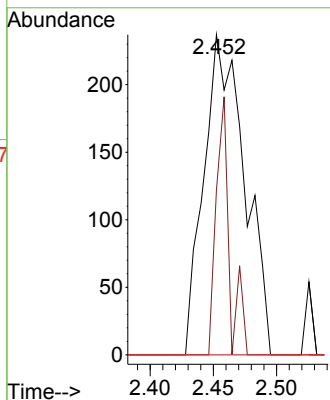
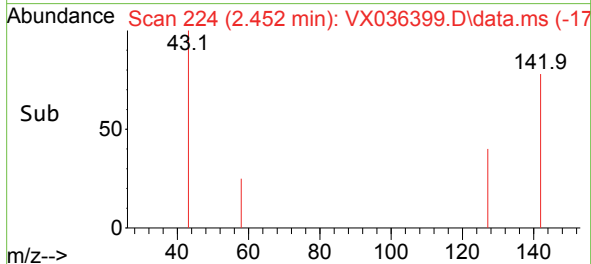


#10
Methyl Iodide
Concen: 0.218 ug/l
RT: 2.452 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

Instrument :
MSVOA_X
ClientSampleId :
PB153983TB

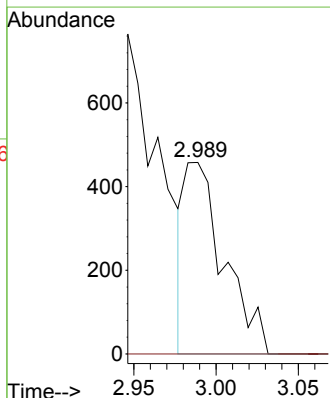
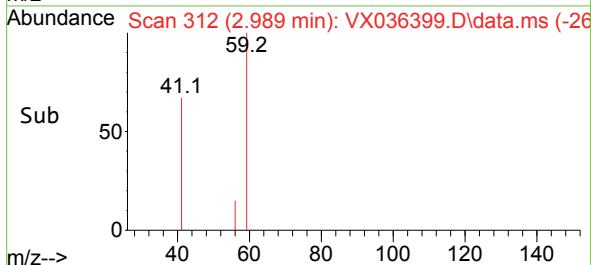
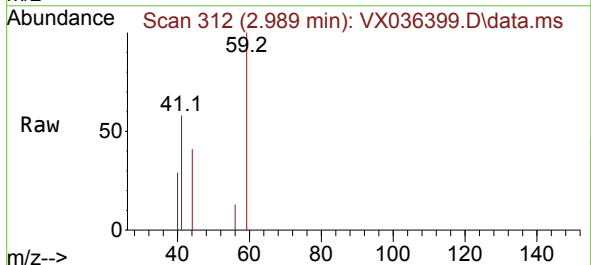


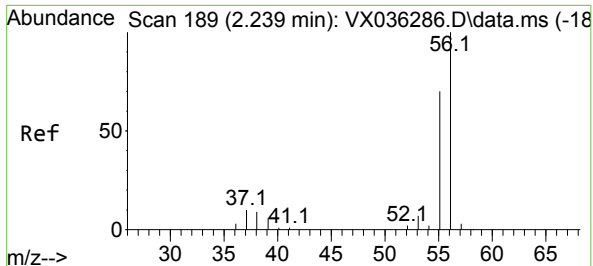
Tgt Ion:142 Resp: 531
Ion Ratio Lower Upper
142 100
127 26.2 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 1.672 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.024 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

Tgt Ion: 59 Resp: 765
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

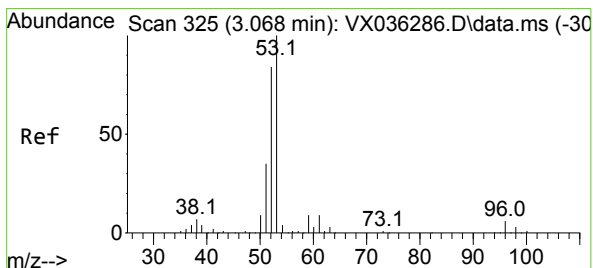
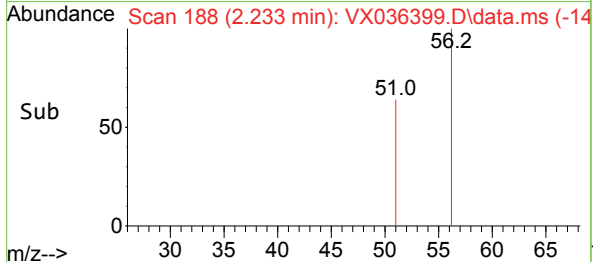
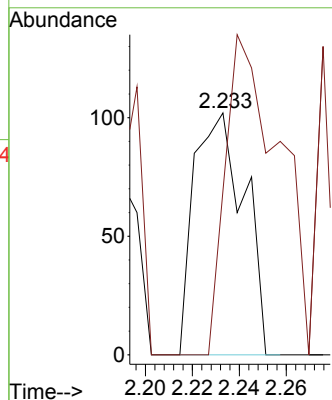
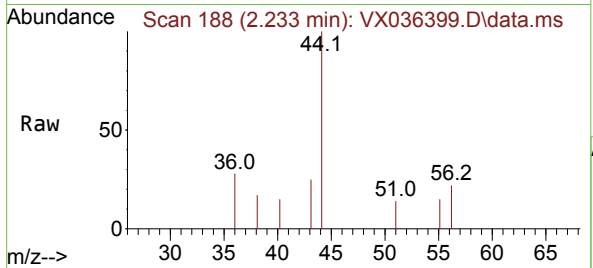




#13
Acrolein
Concen: 0.240 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

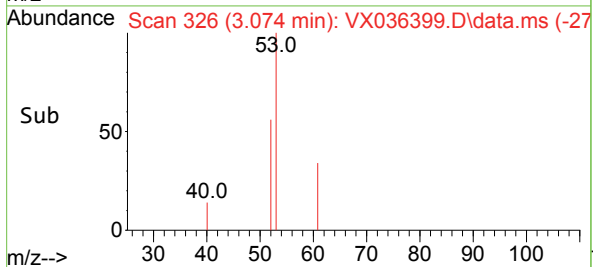
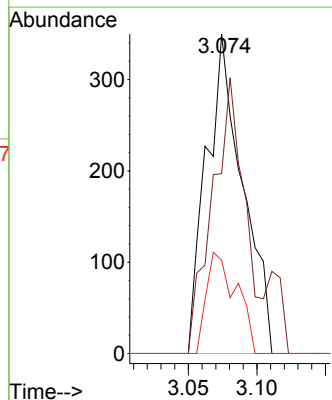
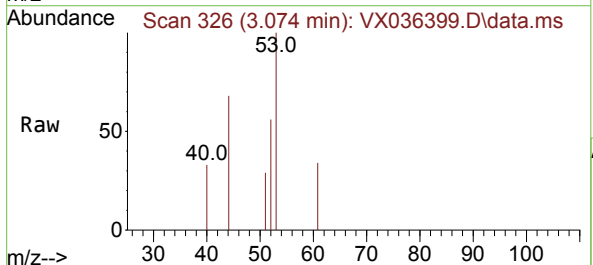
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ClientSampleId :
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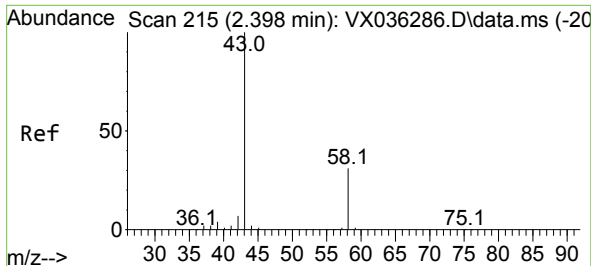
Tgt Ion: 56 Resp: 151
Ion Ratio Lower Upper
56 100
55 141.7 57.1 85.7#



#15
Acrylonitrile
Concen: 0.555 ug/l
RT: 3.074 min Scan# 326
Delta R.T. 0.000 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

Tgt Ion: 53 Resp: 644
Ion Ratio Lower Upper
53 100
52 78.1 66.0 99.0
51 26.2 29.8 44.6#

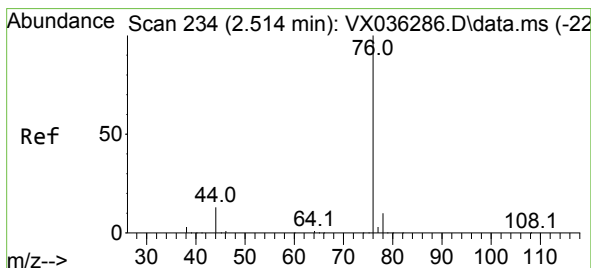
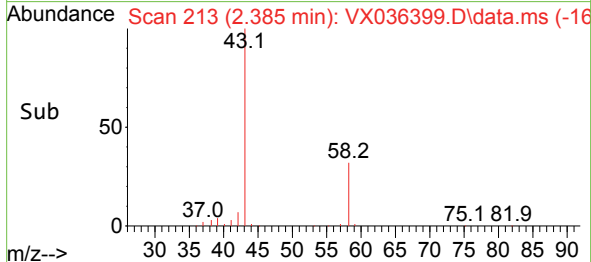
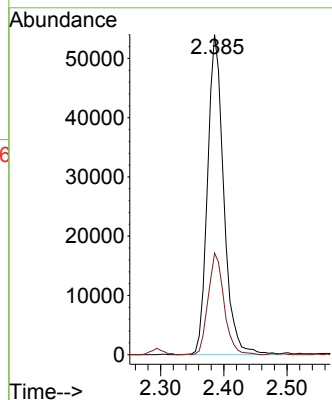
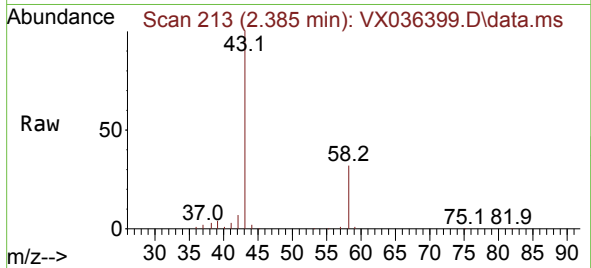




#16
Acetone
Concen: 89.567 ug/l
RT: 2.385 min Scan# 215
Delta R.T. -0.019 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

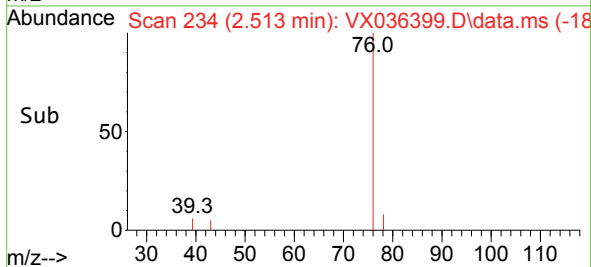
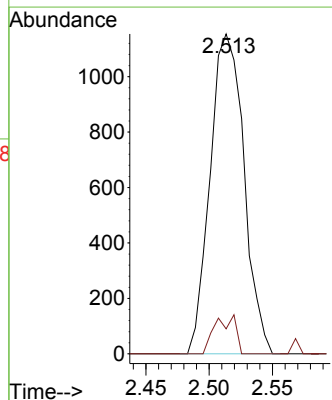
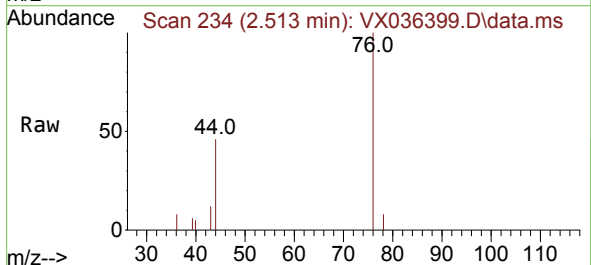
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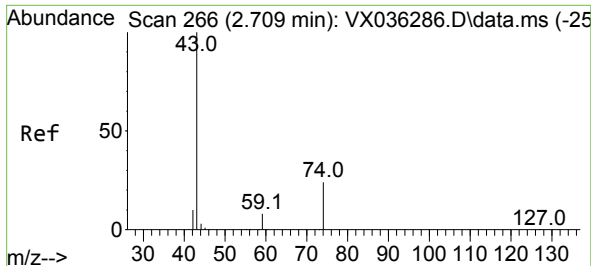
Tgt Ion: 43 Resp: 96256
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9



#17
Carbon Disulfide
Concen: 0.439 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

Tgt Ion: 76 Resp: 2148
Ion Ratio Lower Upper
76 100
78 7.8 7.0 10.6

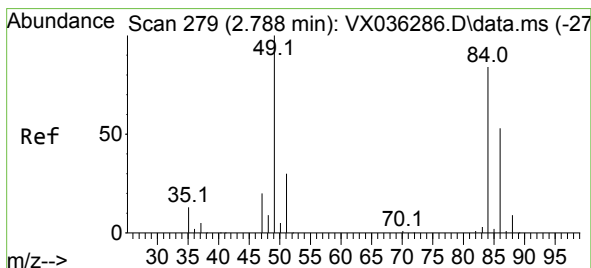
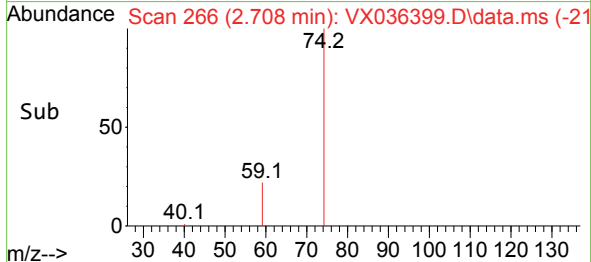
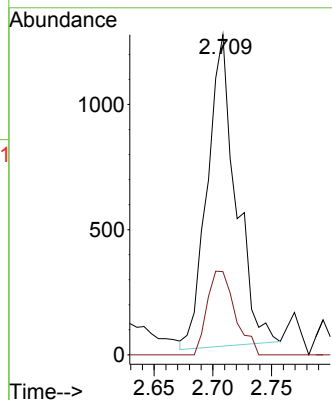
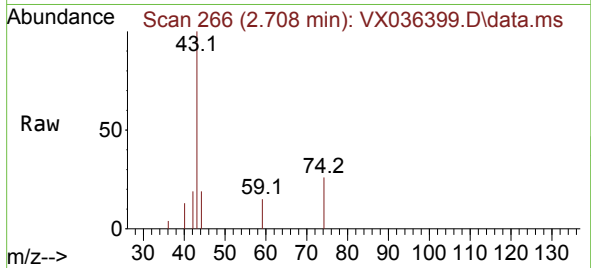




#18
Methyl Acetate
Concen: 0.476 ug/l
RT: 2.708 min Scan# 210
Delta R.T. -0.001 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

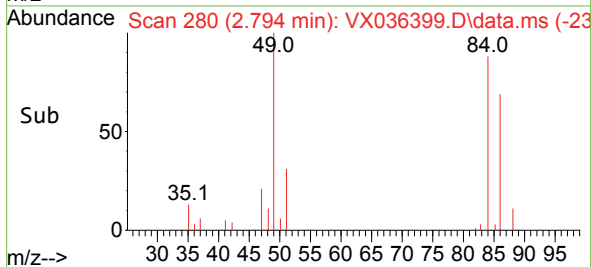
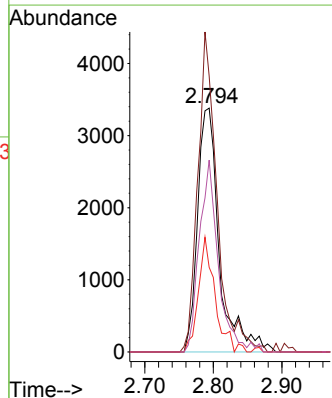
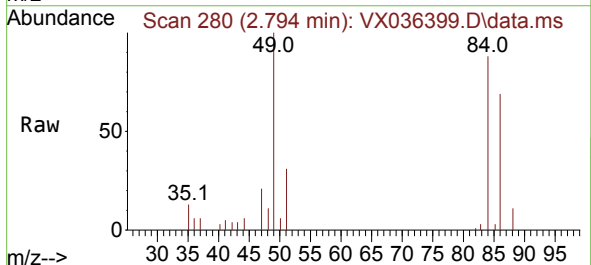
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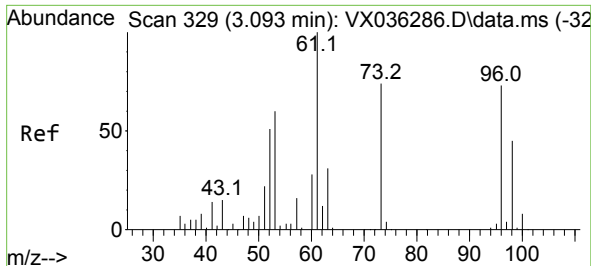
Tgt Ion: 43 Resp: 2104
Ion Ratio Lower Upper
43 100
74 26.2 17.8 26.8



#20
Methylene Chloride
Concen: 3.238 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

Tgt Ion: 84 Resp: 7493
Ion Ratio Lower Upper
84 100
49 113.2 103.6 155.4
51 34.7 33.8 50.6
86 78.7 49.4 74.0#

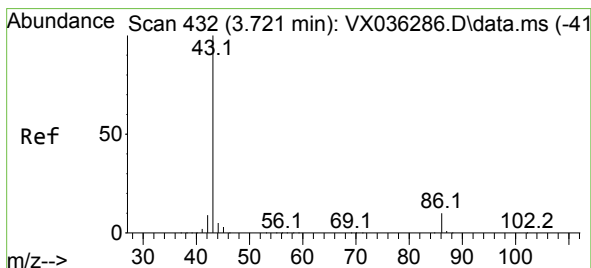
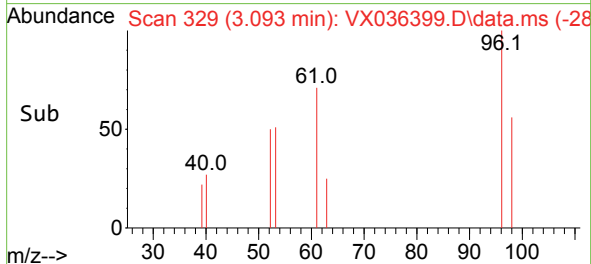
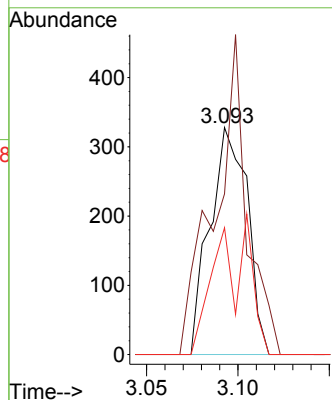
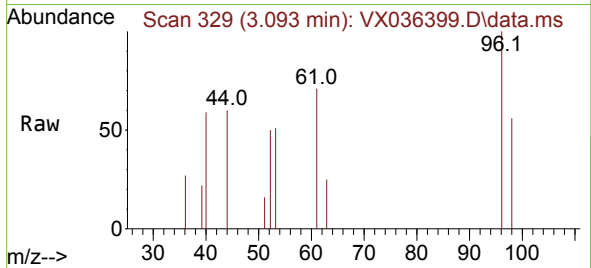




#21
trans-1,2-Dichloroethene
Concen: 0.220 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

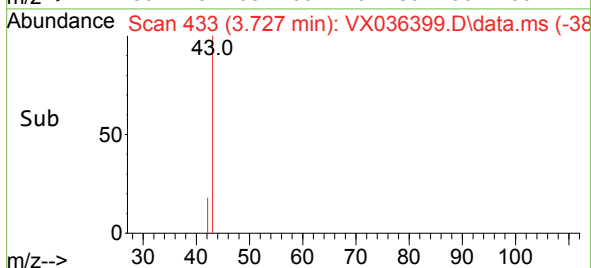
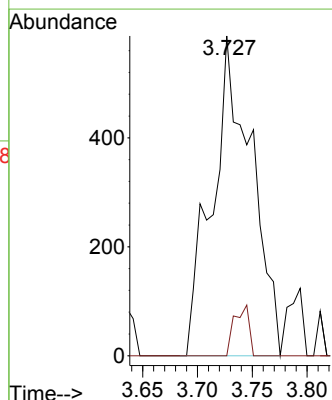
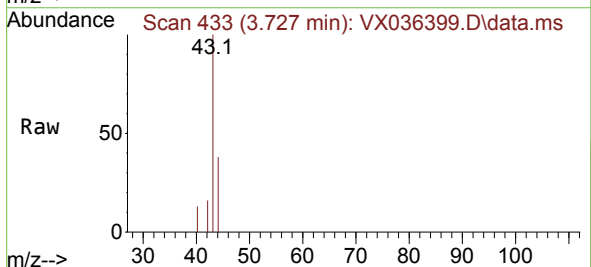
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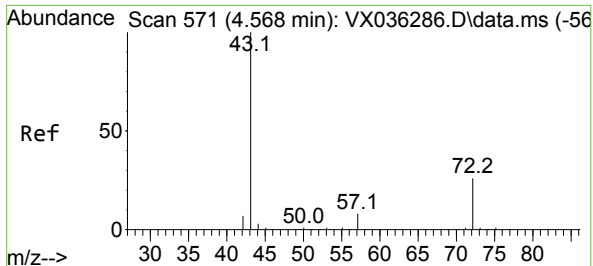
Tgt Ion: 96 Resp: 468
Ion Ratio Lower Upper
96 100
61 70.7 119.2 178.8#
98 55.8 48.7 73.1



#23
Vinyl Acetate
Concen: 0.312 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

Tgt Ion: 43 Resp: 1471
Ion Ratio Lower Upper
43 100
86 0.0 7.8 11.8#





#25

2-Butanone

Concen: 28.280 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX036399.D

Acq: 05 Jul 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

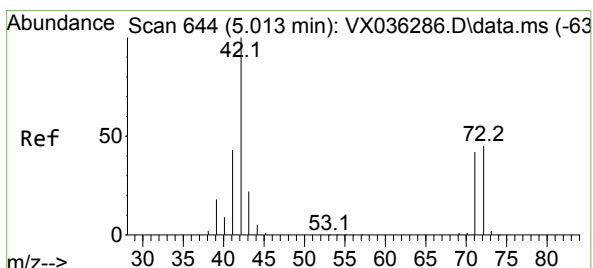
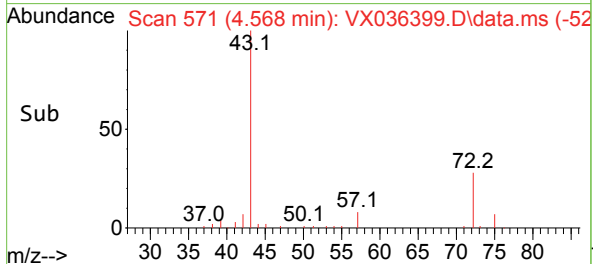
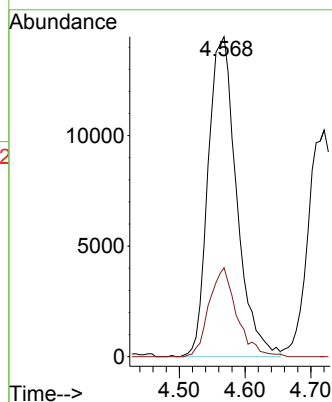
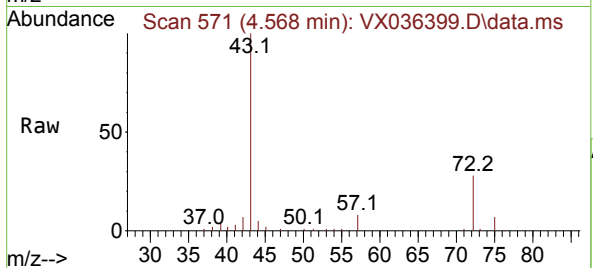
PB153983TB

Tgt Ion: 43 Resp: 43667

Ion Ratio Lower Upper

43 100

72 27.8 19.4 29.2



#29

Tetrahydrofuran

Concen: 1.445 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.006 min

Lab File: VX036399.D

Acq: 05 Jul 2023 13:21

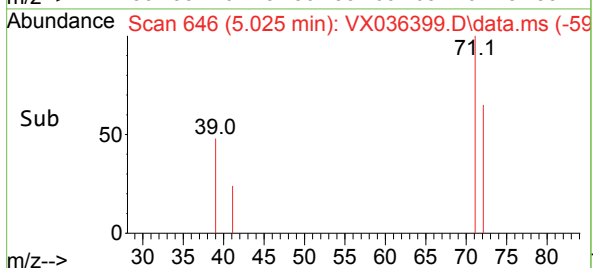
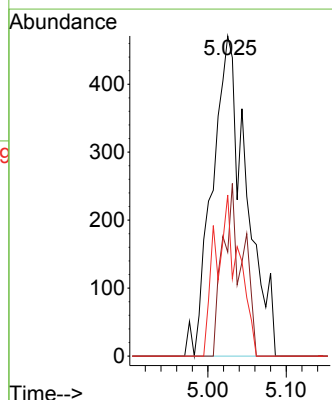
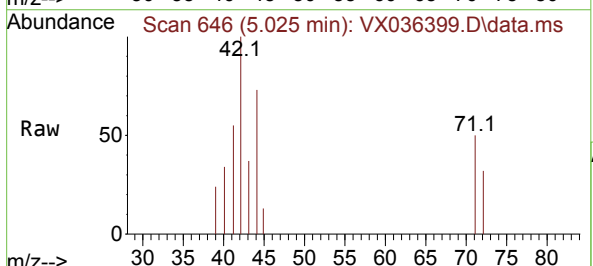
Tgt Ion: 42 Resp: 1421

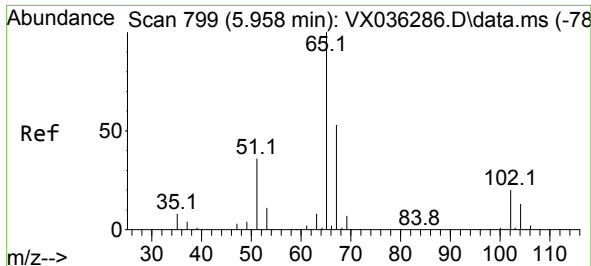
Ion Ratio Lower Upper

42 100

72 31.2 34.2 51.4#

71 34.6 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 43.913 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX036399.D

Acq: 05 Jul 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

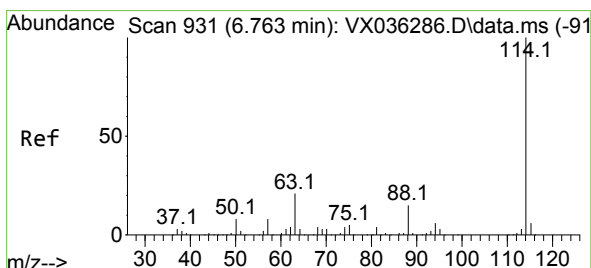
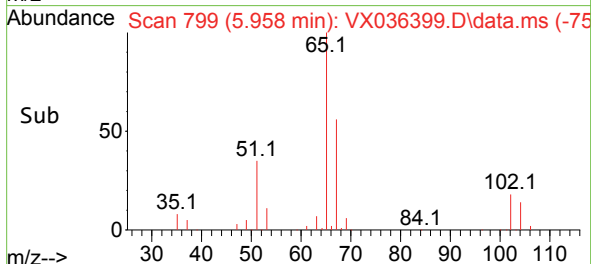
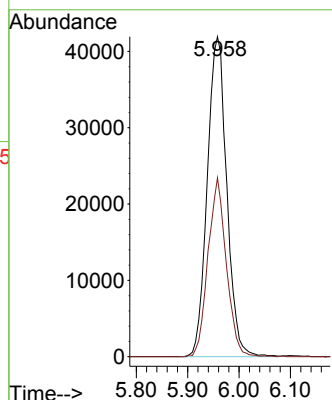
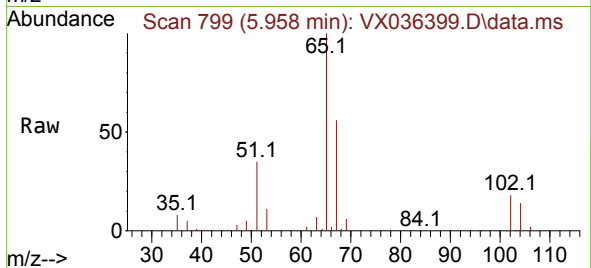
PB153983TB

Tgt Ion: 65 Resp: 110409

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036399.D

Acq: 05 Jul 2023 13:21

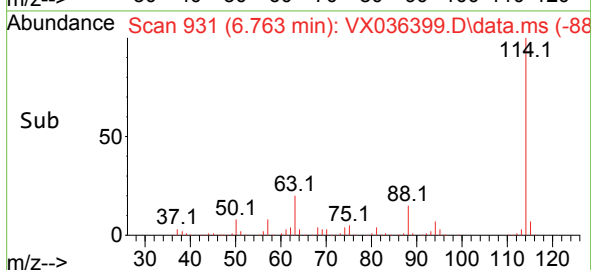
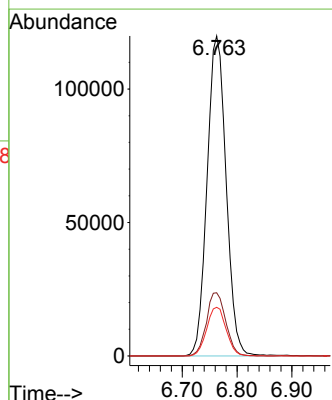
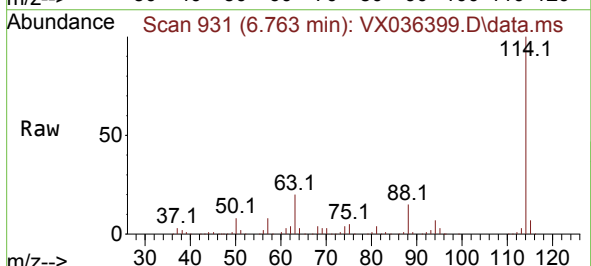
Tgt Ion: 114 Resp: 288777

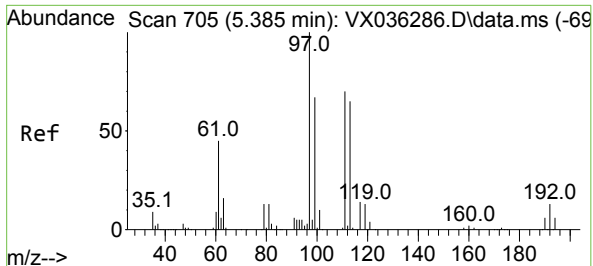
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

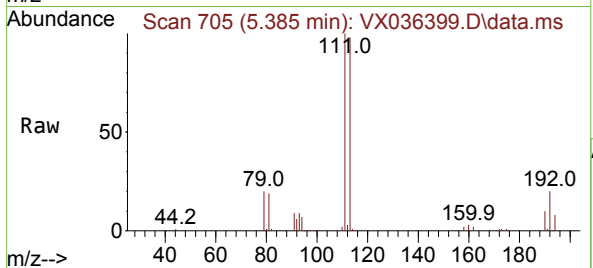
88 15.2 0.0 36.6



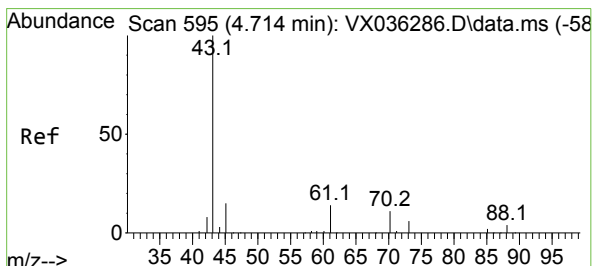
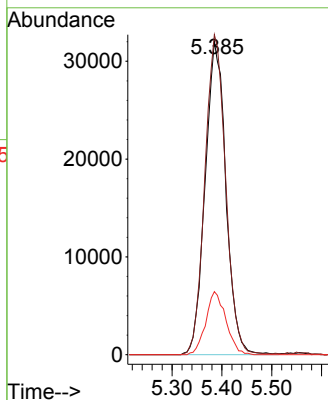
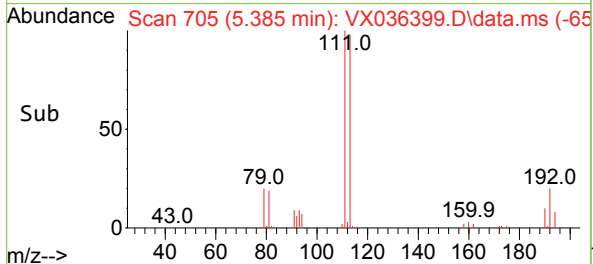


#35
Dibromofluoromethane
Concen: 48.652 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

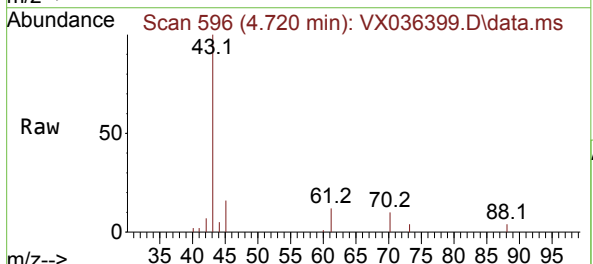
Instrument :
MSVOA_X
ClientSampleId :
PB153983TB



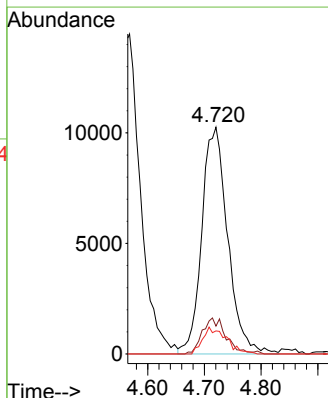
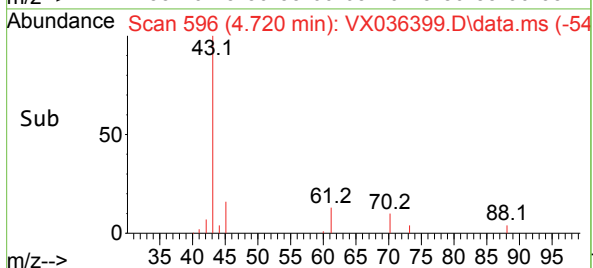
Tgt Ion:113 Resp: 92640
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 19.5 13.3 19.9

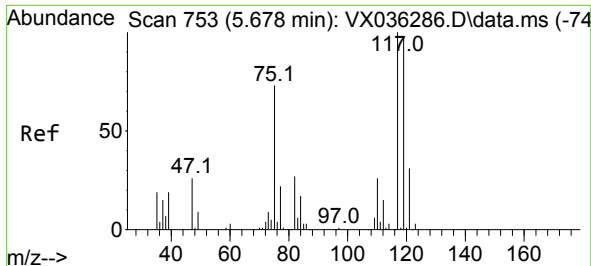


#37
Ethyl Acetate
Concen: 11.272 ug/l
RT: 4.720 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21



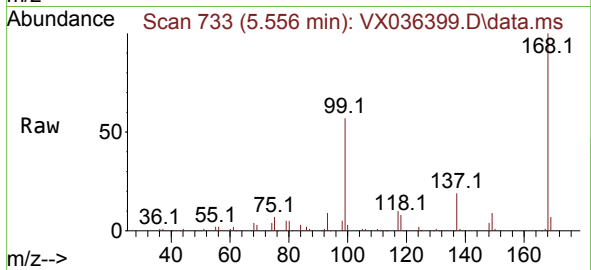
Tgt Ion: 43 Resp: 32607
Ion Ratio Lower Upper
43 100
61 14.3 10.6 16.0
70 10.8 8.3 12.5



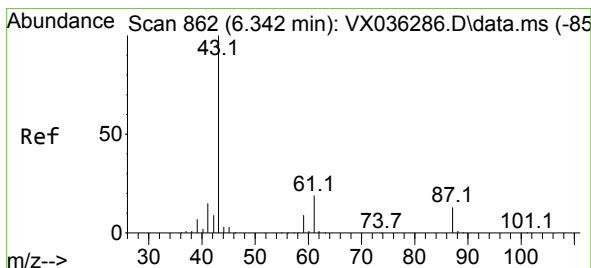
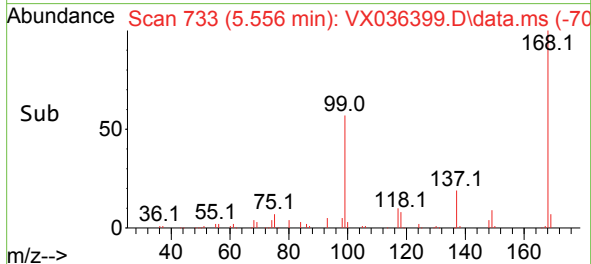
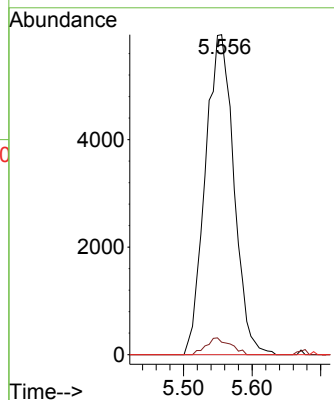


#38
Carbon Tetrachloride
Concen: 6.652 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

Instrument :
MSVOA_X
ClientSampleId :
PB153983TB

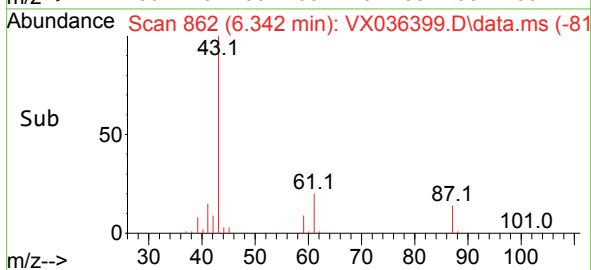
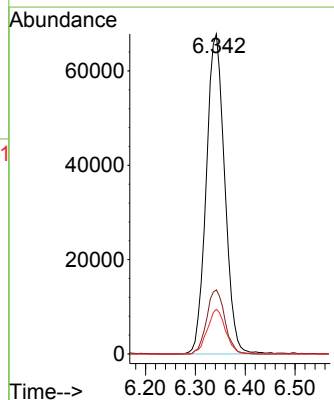
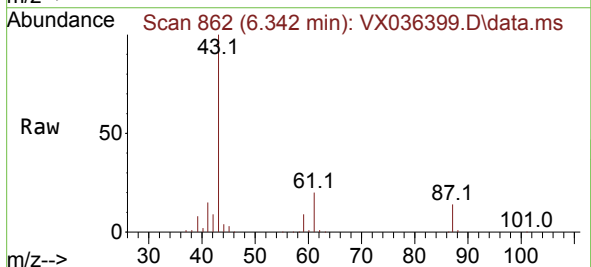


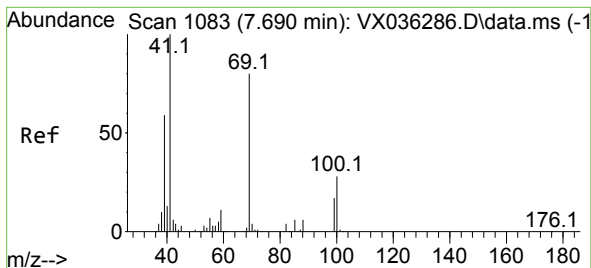
Tgt Ion:117 Resp: 17243
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 37.735 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

Tgt Ion: 43 Resp: 174144
Ion Ratio Lower Upper
43 100
61 19.9 15.2 22.8
87 13.8 9.8 14.6





#48

Methyl methacrylate

Concen: 64.511 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.110 min

Lab File: VX036399.D

Acq: 05 Jul 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

PB153983TB

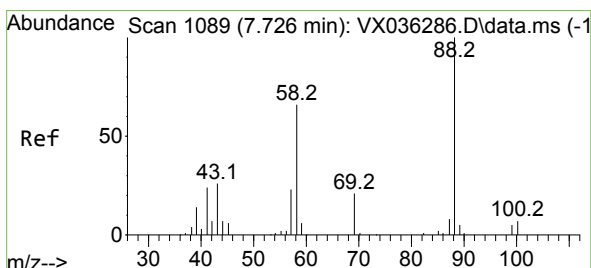
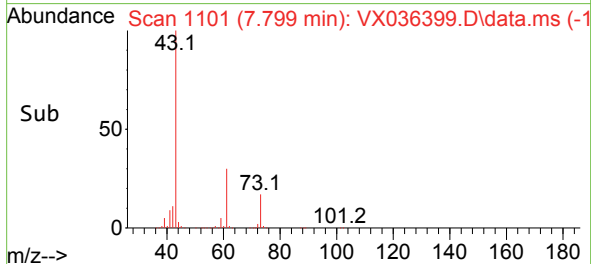
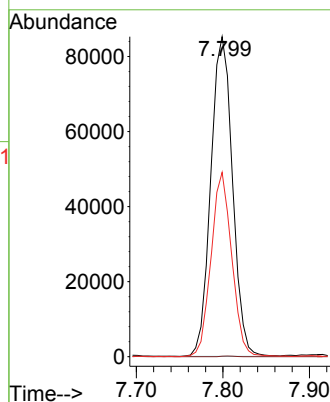
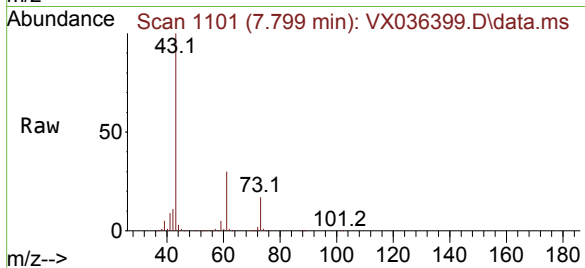
Tgt Ion: 41 Resp: 148440

Ion Ratio Lower Upper

41 100

69 0.1 59.2 88.8#

39 55.0 47.7 71.5



#49

1,4-Dioxane

Concen: 1.764 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. -0.024 min

Lab File: VX036399.D

Acq: 05 Jul 2023 13:21

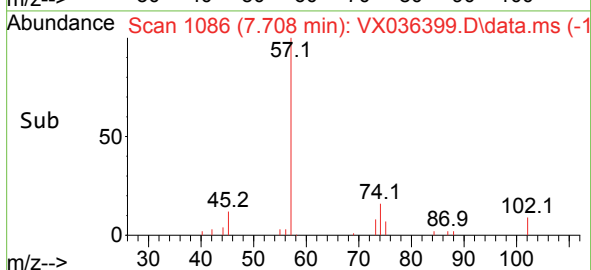
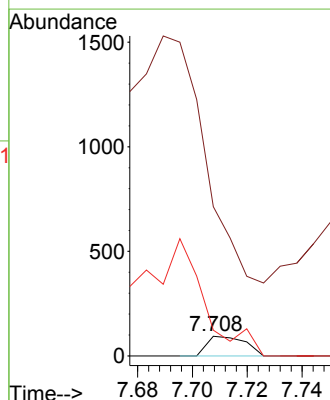
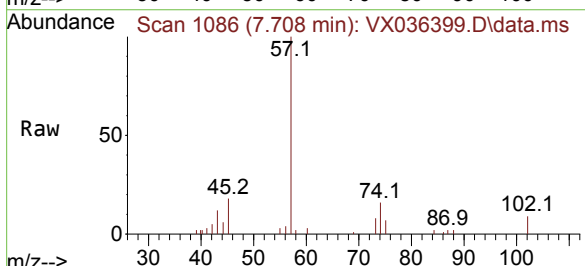
Tgt Ion: 88 Resp: 90

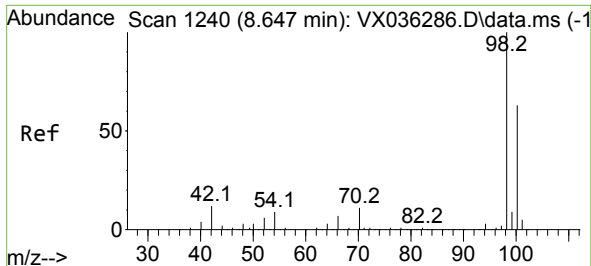
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 955.6 60.1 90.1#

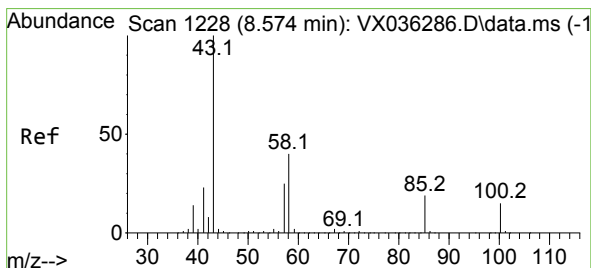
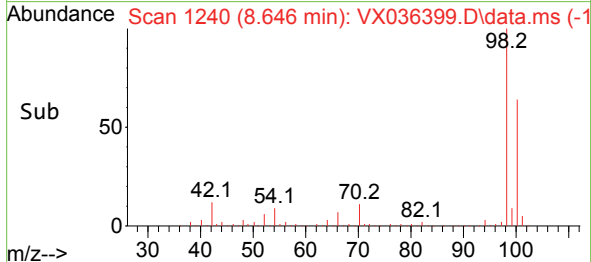
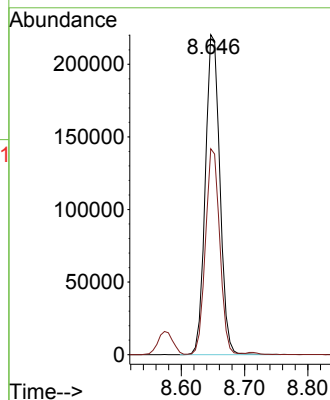
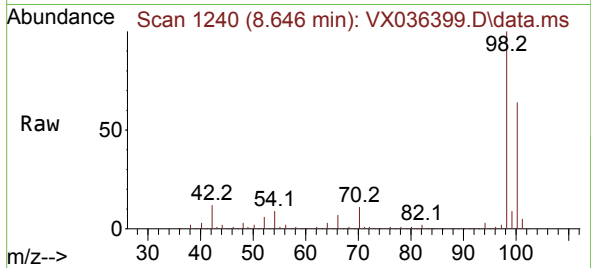




#50
Toluene-d8
Concen: 49.521 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

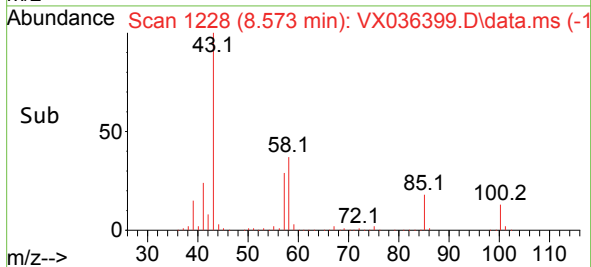
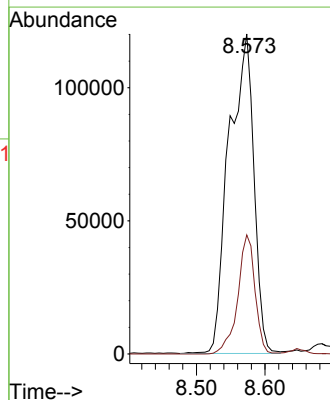
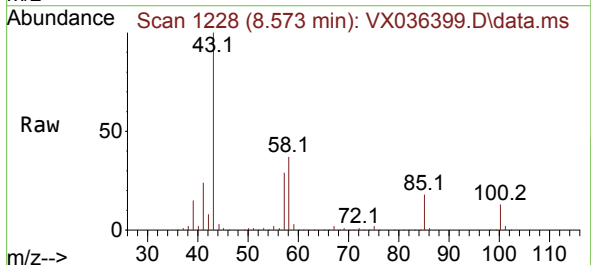
Instrument :
MSVOA_X
ClientSampleId :
PB153983TB

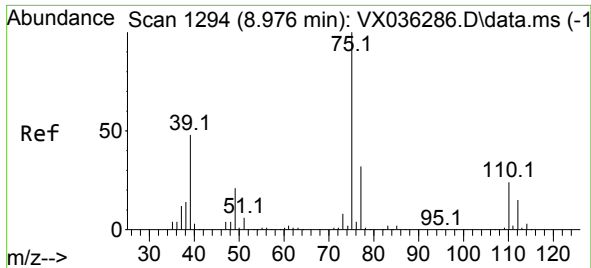
Tgt Ion: 98 Resp: 352186
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 101.710 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

Tgt Ion: 43 Resp: 302407
Ion Ratio Lower Upper
43 100
58 26.0 30.4 45.6#

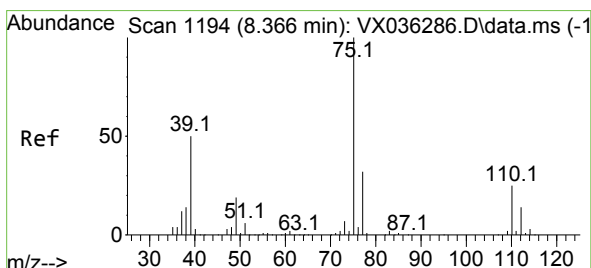
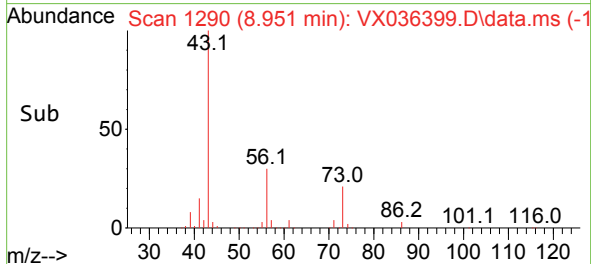
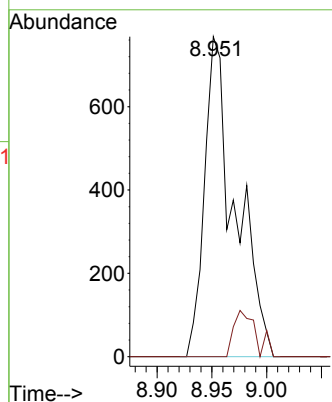
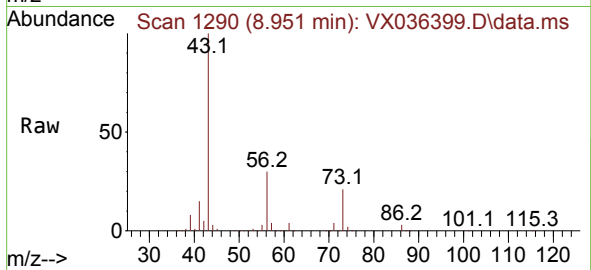




#53
t-1,3-Dichloropropene
Concen: 0.536 ug/l
RT: 8.951 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

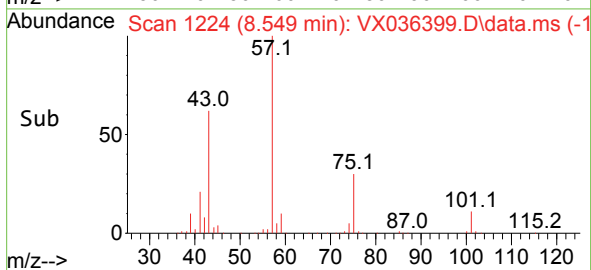
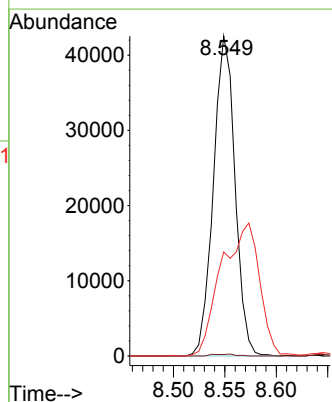
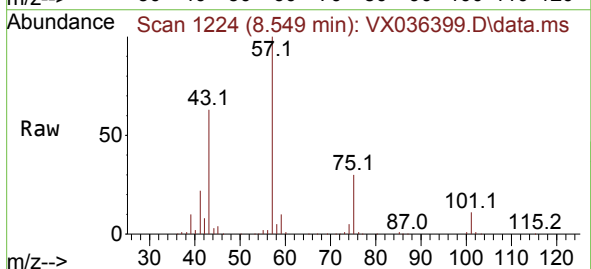
Instrument :
MSVOA_X
ClientSampleId :
PB153983TB

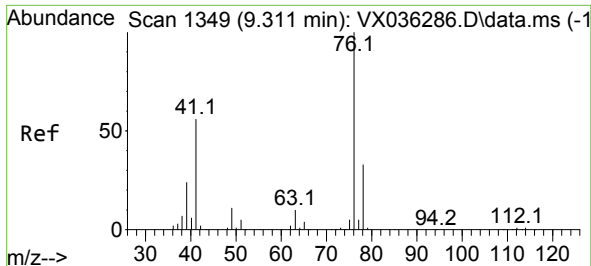
Tgt Ion: 75 Resp: 1487
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#54
cis-1,3-Dichloropropene
Concen: 19.764 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

Tgt Ion: 75 Resp: 62038
Ion Ratio Lower Upper
75 100
77 0.4 25.3 37.9#
39 32.5 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 2.182 ug/l

RT: 9.482 min Scan# 1177

Delta R.T. 0.177 min

Lab File: VX036399.D

Acq: 05 Jul 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

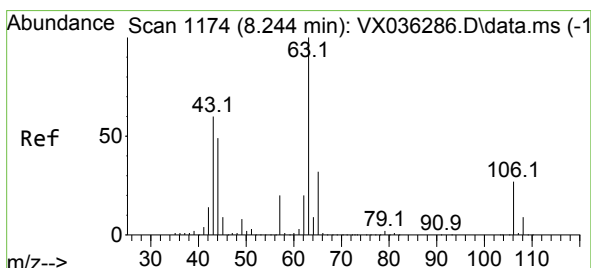
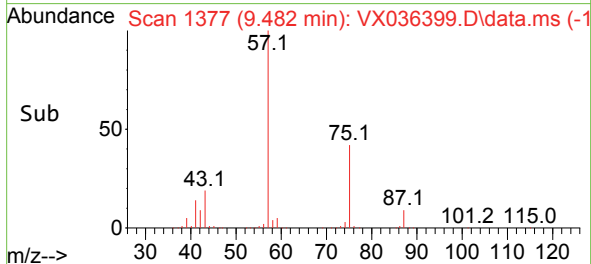
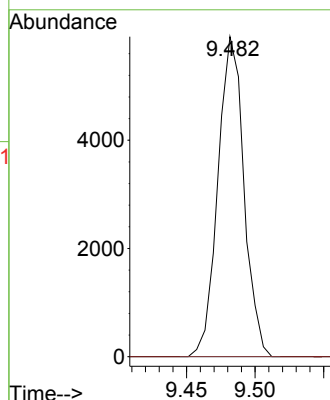
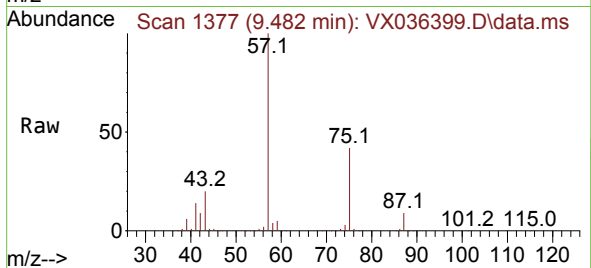
PB153983TB

Tgt Ion: 76 Resp: 7809

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.244 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX036399.D

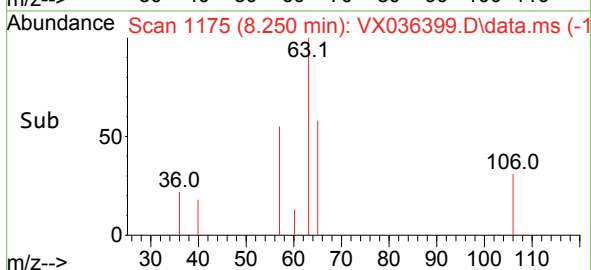
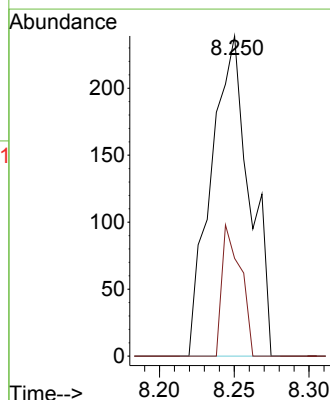
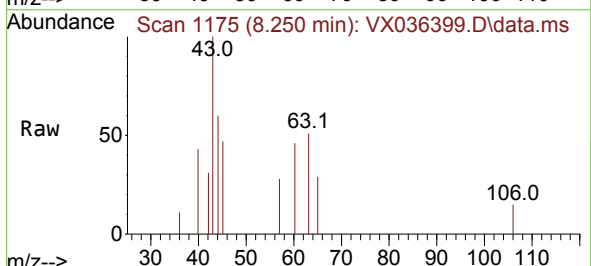
Acq: 05 Jul 2023 13:21

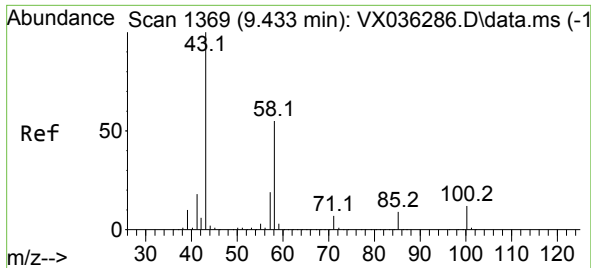
Tgt Ion: 63 Resp: 429

Ion Ratio Lower Upper

63 100

106 19.8 22.5 33.7#

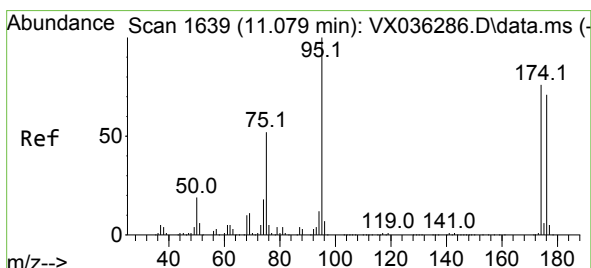
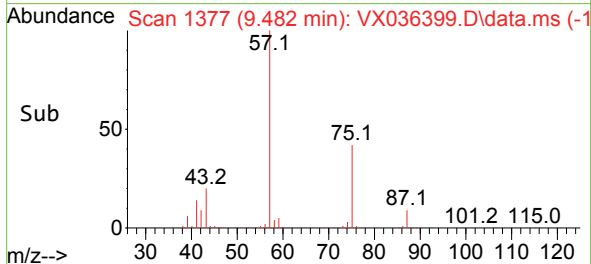
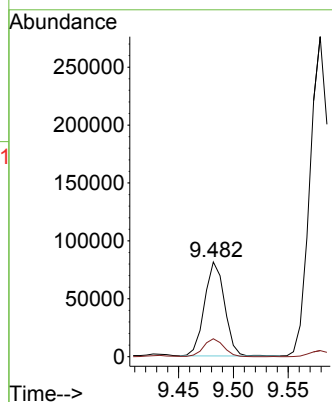
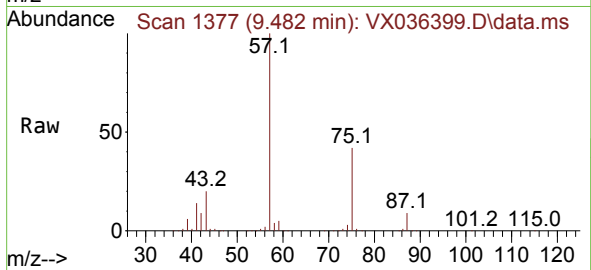




#59
2-Hexanone
Concen: 47.545 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

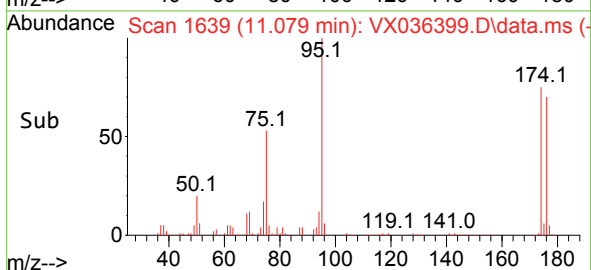
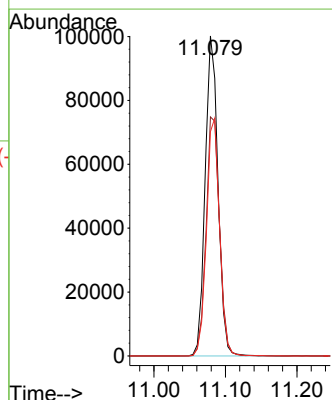
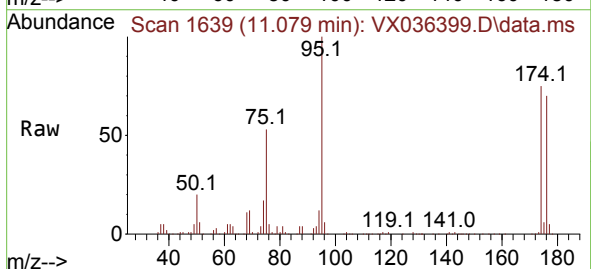
Instrument :
MSVOA_X
ClientSampleId :
PB153983TB

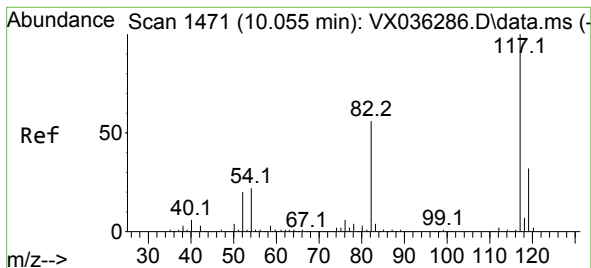
Tgt Ion: 43 Resp: 103229
Ion Ratio Lower Upper
43 100
58 19.2 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 49.853 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

Tgt Ion: 95 Resp: 124884
Ion Ratio Lower Upper
95 100
174 78.7 0.0 135.6
176 75.7 0.0 131.0

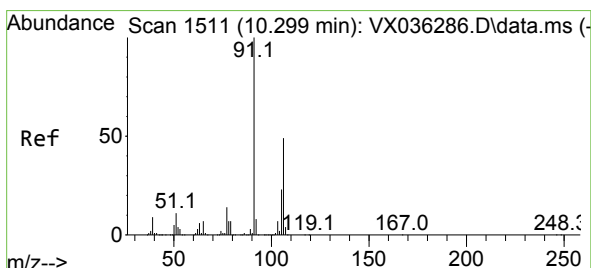
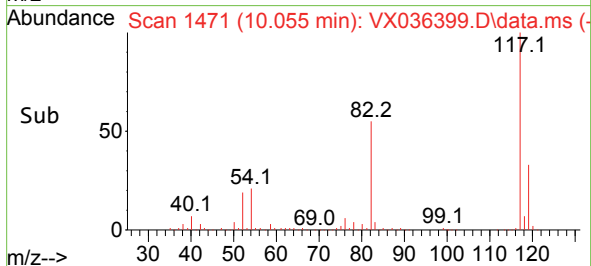
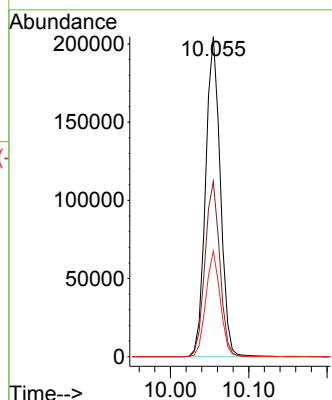
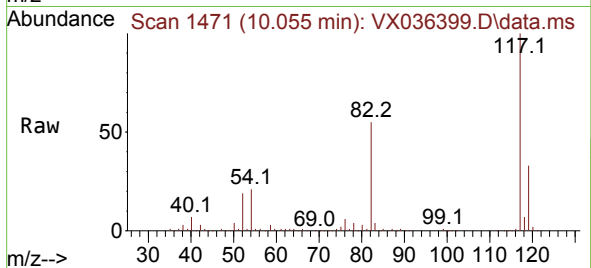




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

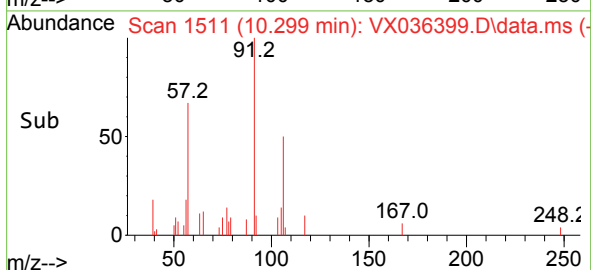
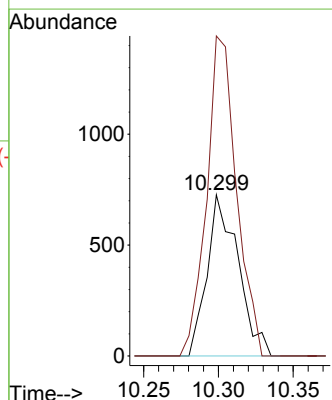
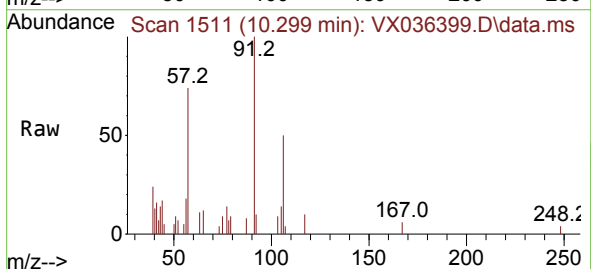
Instrument :
MSVOA_X
ClientSampleId :
PB153983TB

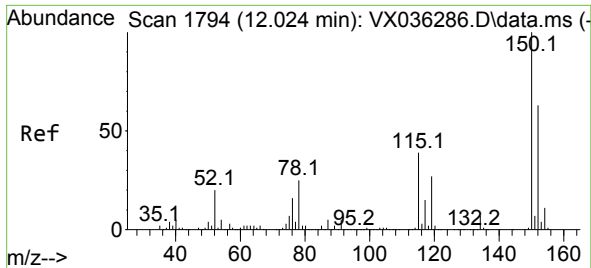
Tgt Ion:117 Resp: 266330
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 33.1 25.5 38.3



#68
m/p-Xylenes
Concen: 0.271 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

Tgt Ion:106 Resp: 1048
Ion Ratio Lower Upper
106 100
91 191.5 165.5 248.3

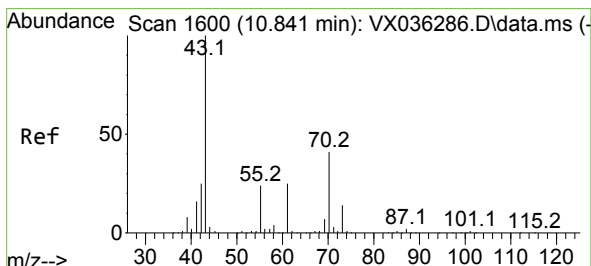
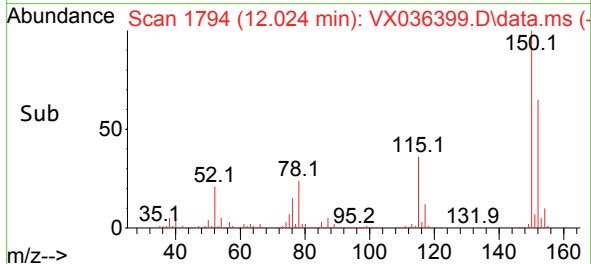
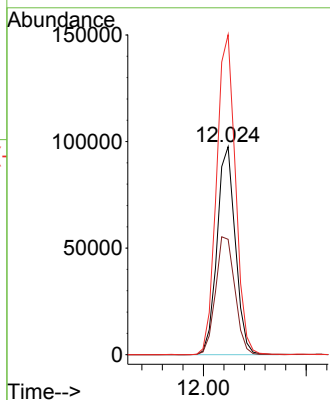
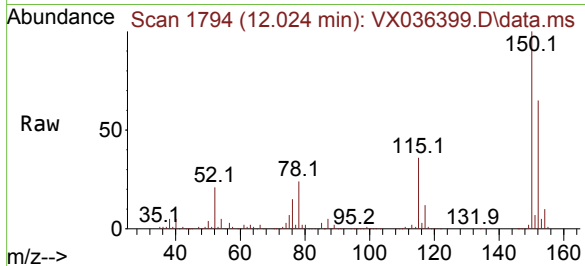




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

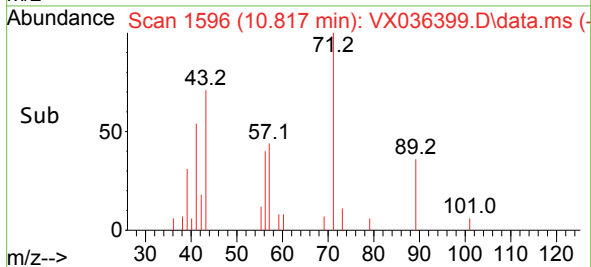
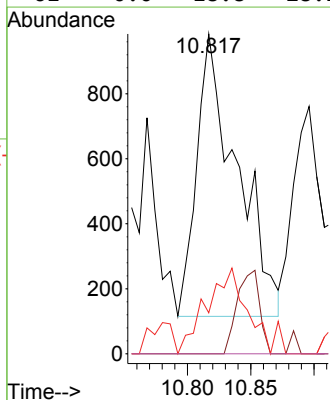
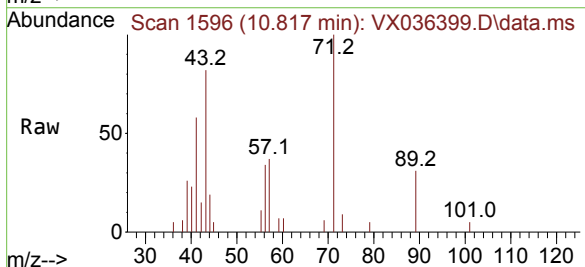
Instrument :
MSVOA_X
ClientSampleId :
PB153983TB

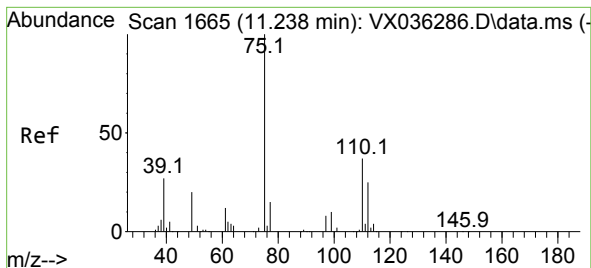
Tgt Ion:152 Resp: 120247
Ion Ratio Lower Upper
152 100
115 60.2 43.3 129.9
150 159.0 0.0 345.0



#74
N-ethyl acetate
Concen: 0.534 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.024 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

Tgt Ion: 43 Resp: 1913
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 32.0 19.3 28.9#
61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 25.097 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036399.D

Acq: 05 Jul 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

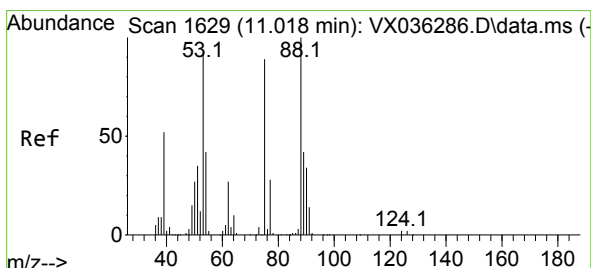
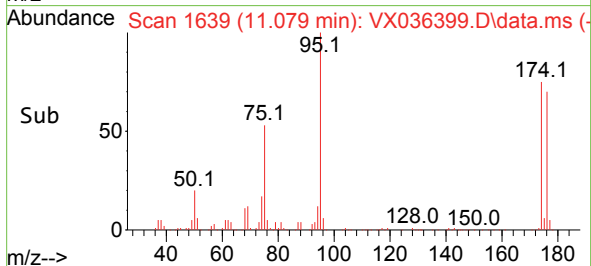
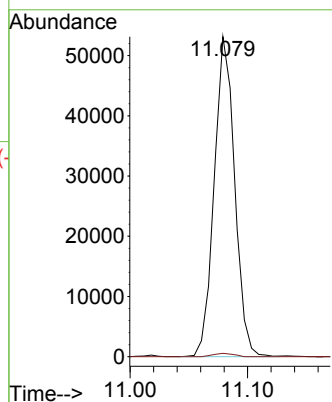
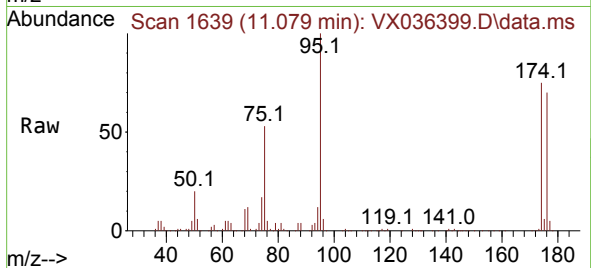
PB153983TB

Tgt Ion: 75 Resp: 64372

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.811 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036399.D

Acq: 05 Jul 2023 13:21

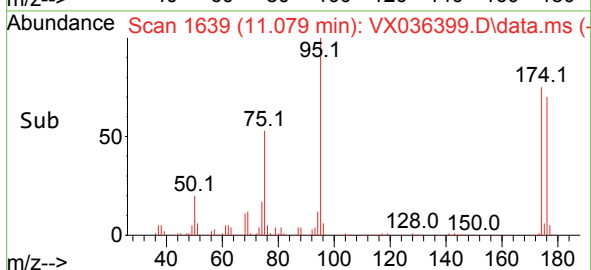
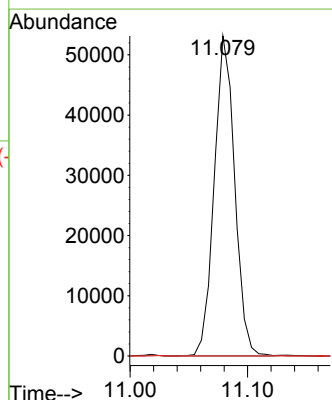
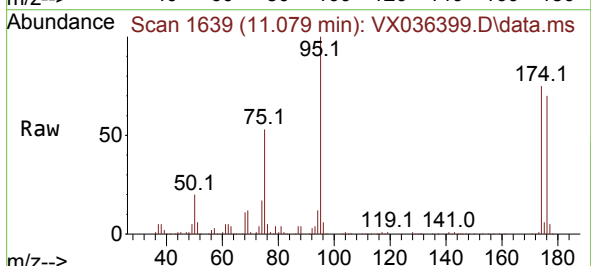
Tgt Ion: 75 Resp: 64372

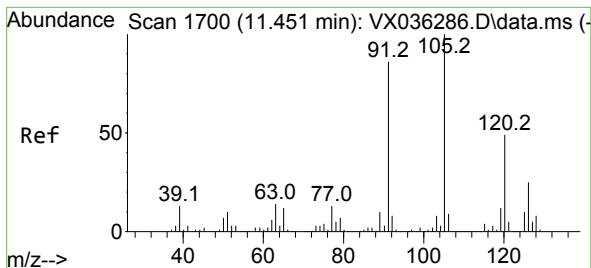
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

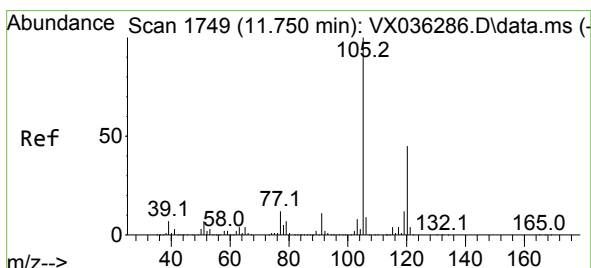
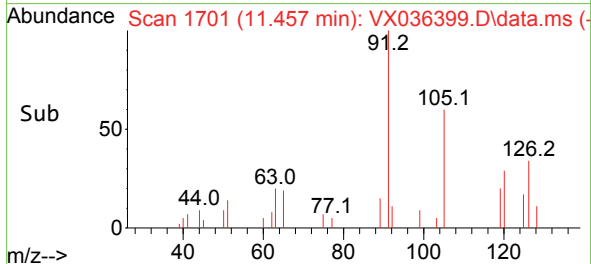
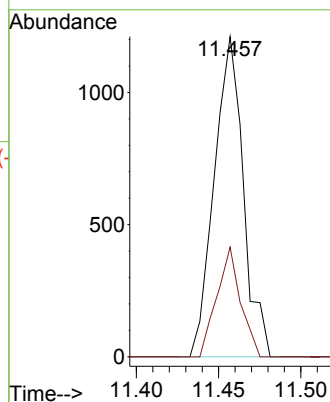
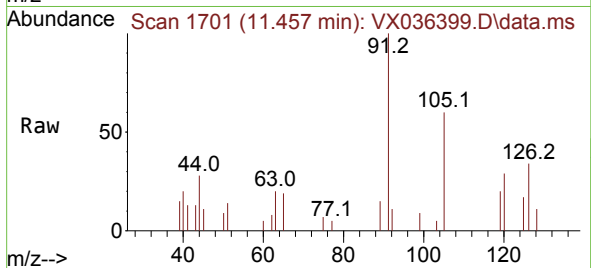




#82
4-Chlorotoluene
Concen: 0.203 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

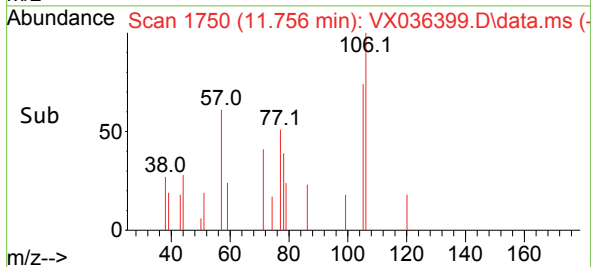
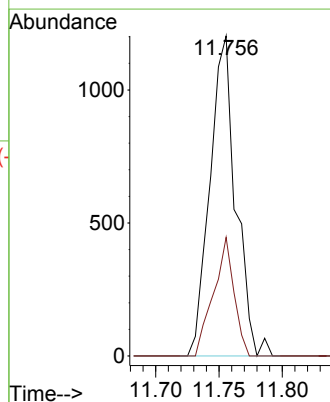
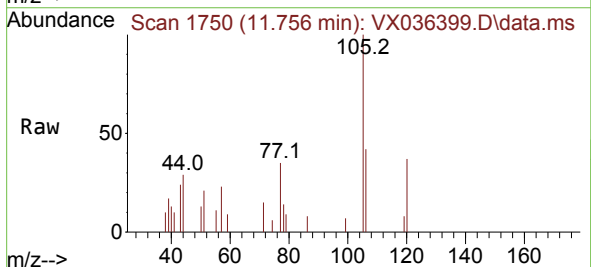
Instrument :
MSVOA_X
ClientSampleId :
PB153983TB

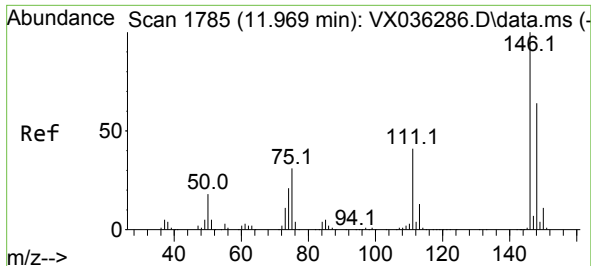
Tgt Ion: 91 Resp: 1487
Ion Ratio Lower Upper
91 100
126 27.9 14.2 42.6



#84
1,2,4-Trimethylbenzene
Concen: 0.225 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX036399.D
Acq: 05 Jul 2023 13:21

Tgt Ion: 105 Resp: 1711
Ion Ratio Lower Upper
105 100
120 29.4 21.2 63.6





#87

1,3-Dichlorobenzene

Concen: 0.229 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX036399.D

Acq: 05 Jul 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

PB153983TB

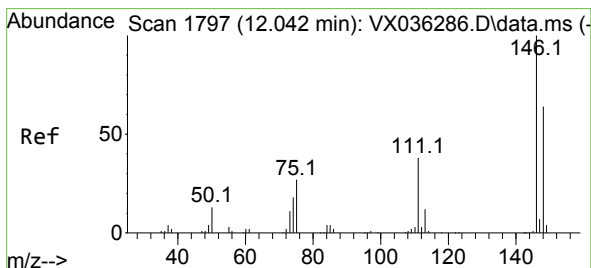
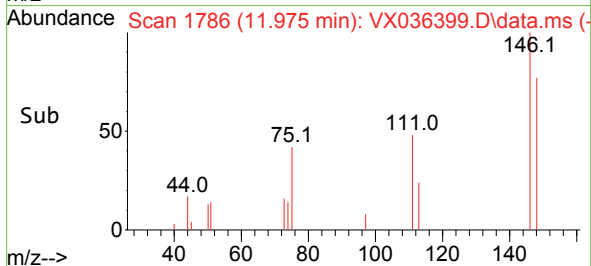
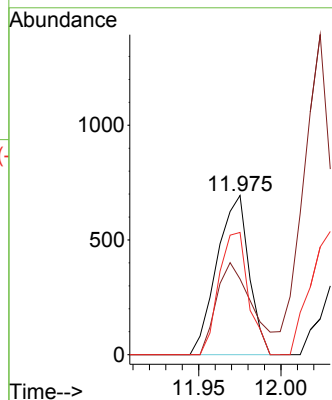
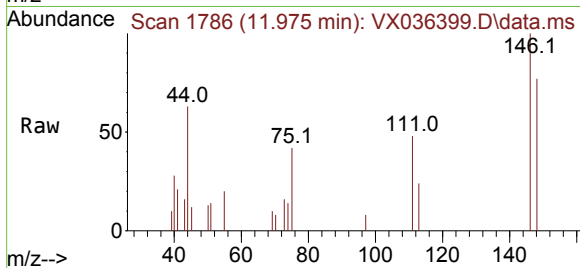
Tgt Ion:146 Resp: 940

Ion Ratio Lower Upper

146 100

111 63.7 22.1 66.1

148 70.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.225 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX036399.D

Acq: 05 Jul 2023 13:21

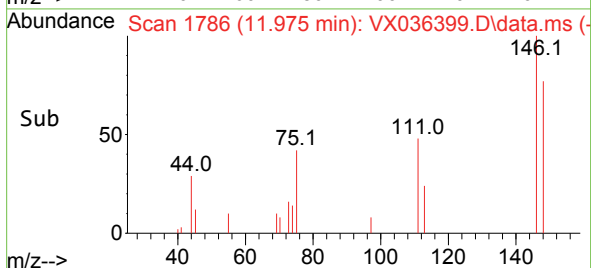
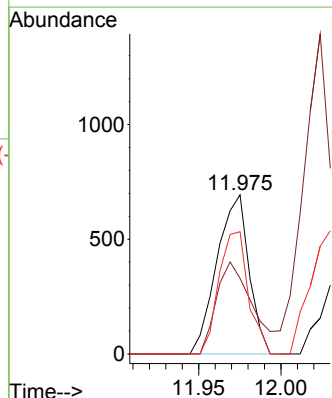
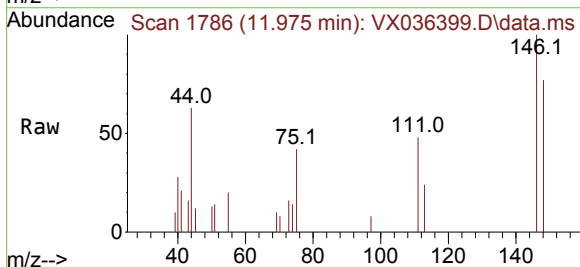
Tgt Ion:146 Resp: 940

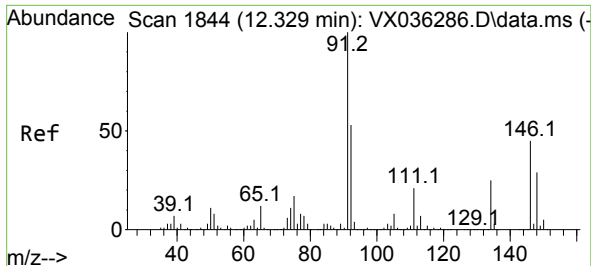
Ion Ratio Lower Upper

146 100

111 63.7 21.3 63.7

148 70.7 31.8 95.4





#89

n-Butylbenzene

Concen: 0.289 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX036399.D

Acq: 05 Jul 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

PB153983TB

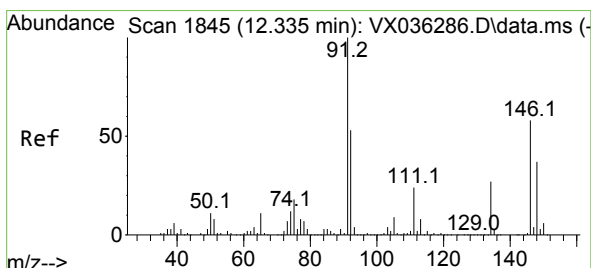
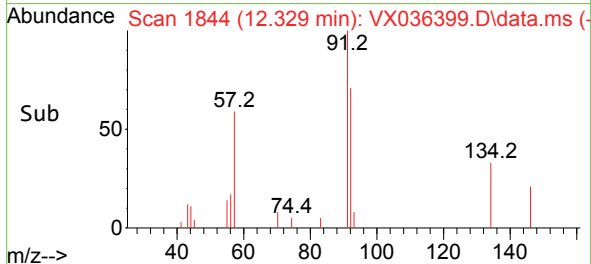
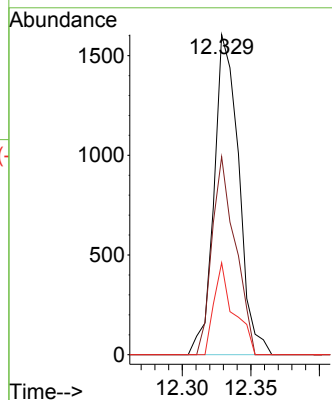
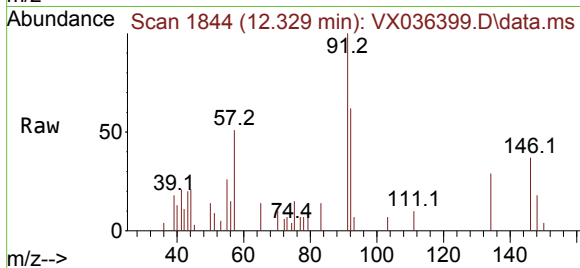
Tgt Ion: 91 Resp: 2013

Ion Ratio Lower Upper

91 100

92 58.4 27.4 82.0

134 23.1 12.6 37.8



#91

1,2-Dichlorobenzene

Concen: 0.204 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX036399.D

Acq: 05 Jul 2023 13:21

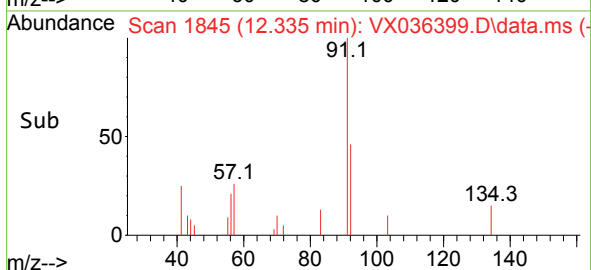
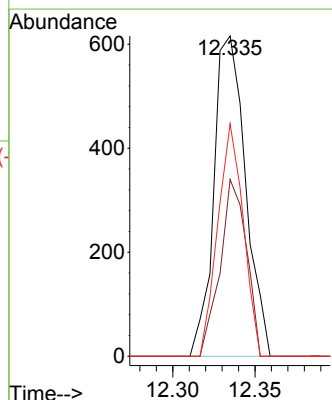
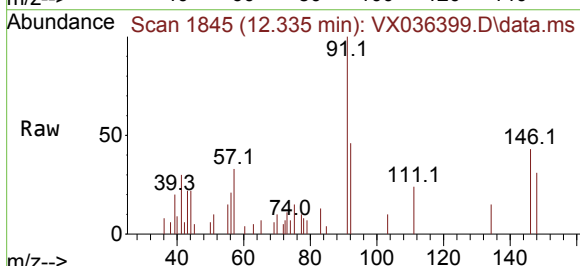
Tgt Ion: 146 Resp: 824

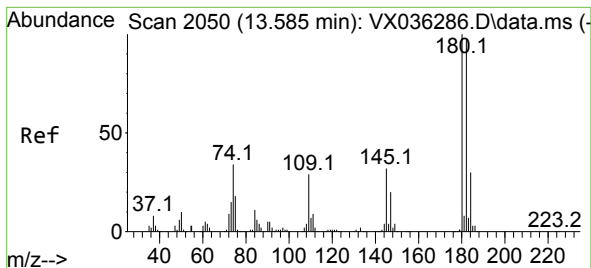
Ion Ratio Lower Upper

146 100

111 45.9 22.4 67.0

148 58.3 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.477 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX036399.D

Acq: 05 Jul 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

PB153983TB

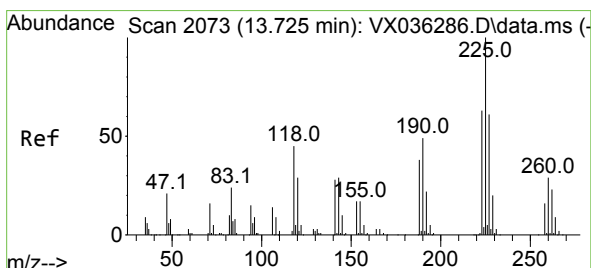
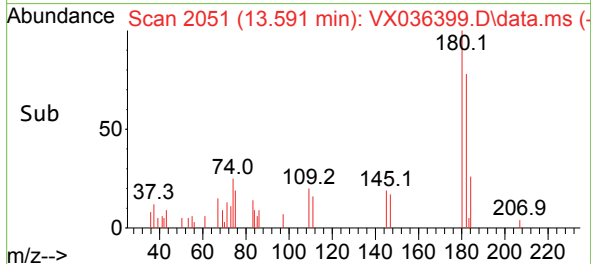
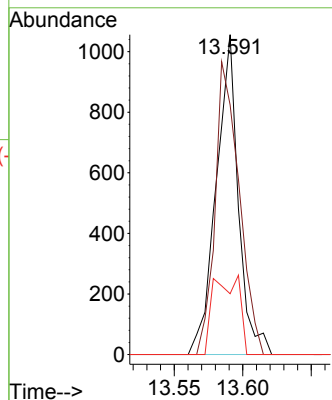
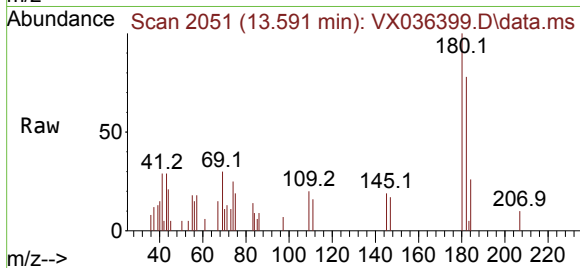
Tgt Ion:180 Resp: 1185

Ion Ratio Lower Upper

180 100

182 99.2 48.3 144.8

145 29.0 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.591 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX036399.D

Acq: 05 Jul 2023 13:21

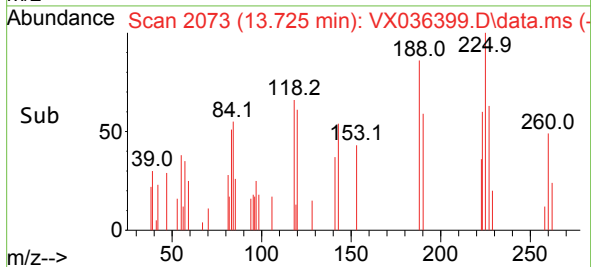
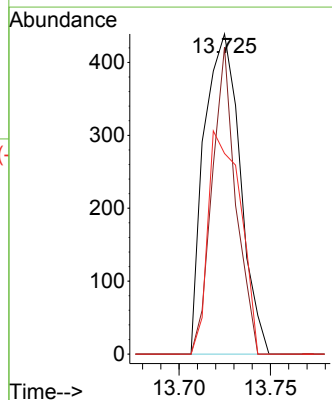
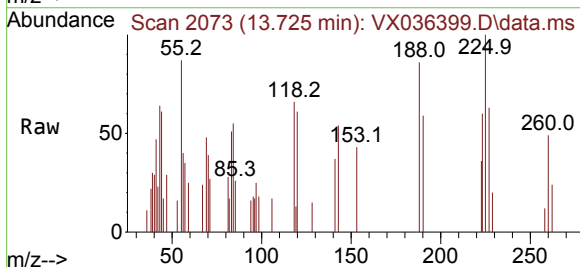
Tgt Ion:225 Resp: 601

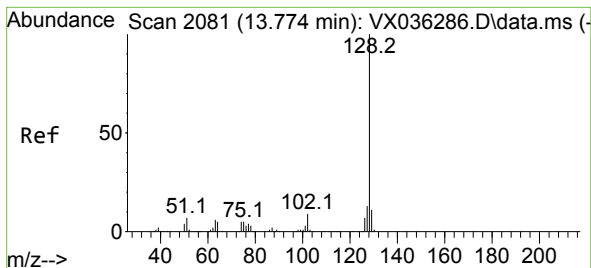
Ion Ratio Lower Upper

225 100

223 63.4 31.1 93.2

227 62.9 32.5 97.5





#95

Naphthalene

Concen: 0.484 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX036399.D

Acq: 05 Jul 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

PB153983TB

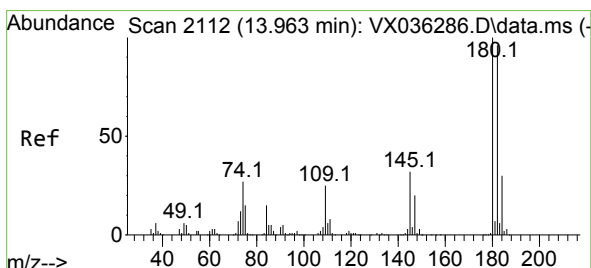
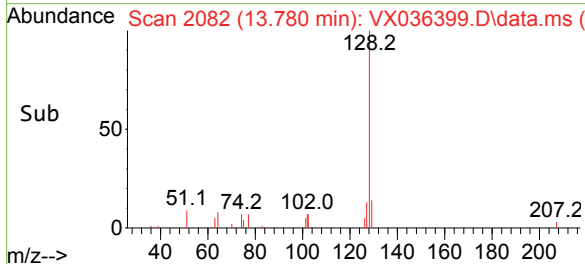
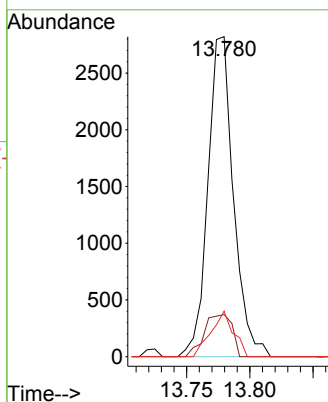
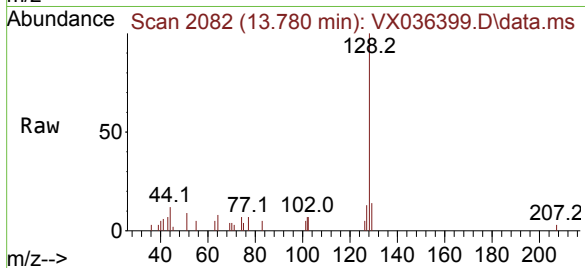
Tgt Ion:128 Resp: 3970

Ion Ratio Lower Upper

128 100

127 14.3 10.3 15.5

129 12.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.481 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX036399.D

Acq: 05 Jul 2023 13:21

Tgt Ion:180 Resp: 1167

Ion Ratio Lower Upper

180 100

182 97.0 46.9 140.6

145 32.0 17.8 53.5

