

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012323\
 Data File : VX033847.D
 Acq On : 23 Jan 2023 14:24
 Operator : JC/MD
 Sample : PB150369ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB150369ZHE#06

Quant Time: Jan 24 00:41:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

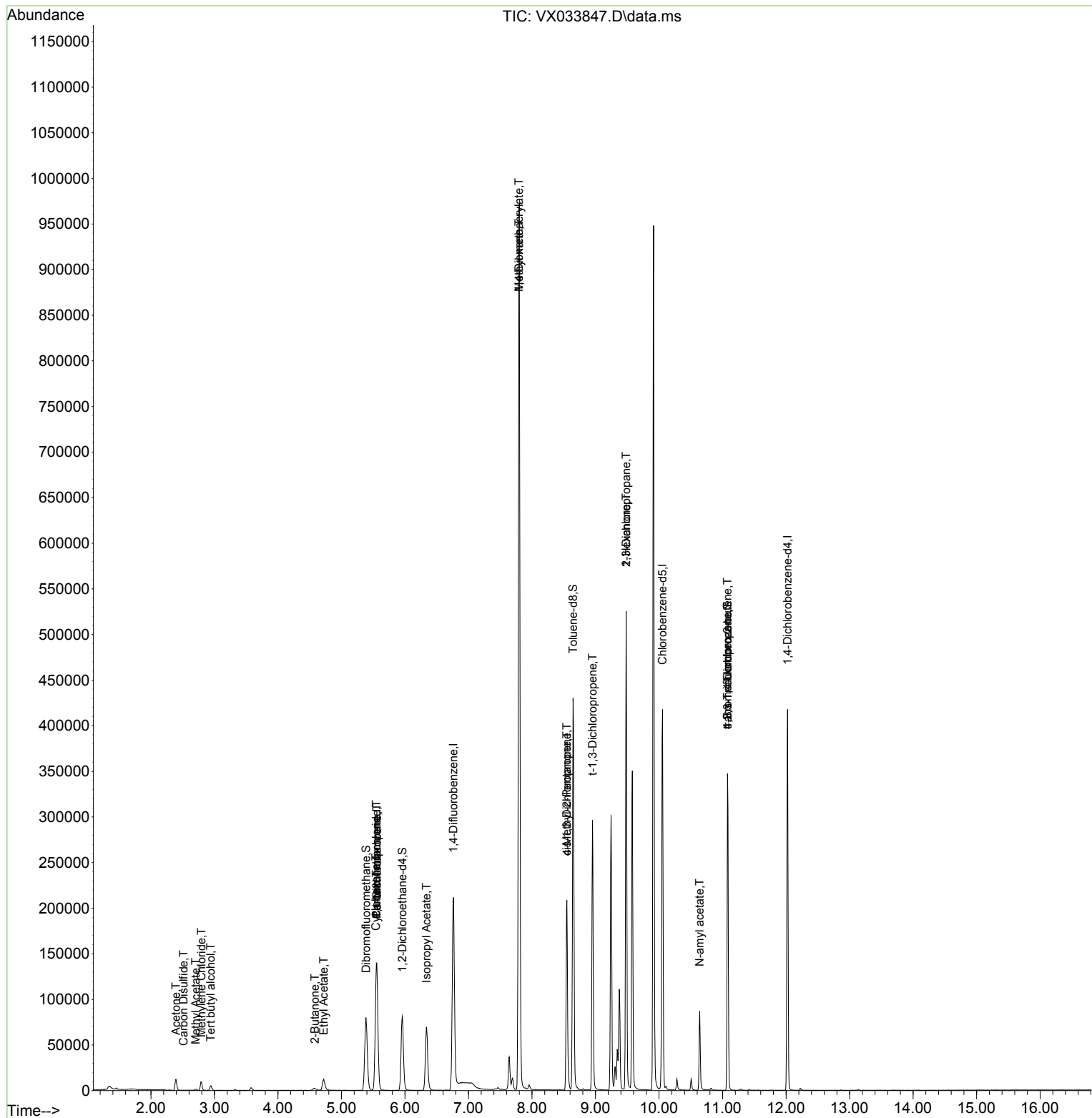
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	153419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225015	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76247	47.201	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.400%
35) Dibromofluoromethane	5.385	113	69269	49.576	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.160%
50) Toluene-d8	8.647	98	259163	50.908	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.820%
62) 4-Bromofluorobenzene	11.079	95	88855	47.010	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	3051	10.872	ug/l #	86
16) Acetone	2.392	43	15893	15.450	ug/l	95
17) Carbon Disulfide	2.514	76	155	1.870	ug/l #	76
18) Methyl Acetate	2.703	43	2201	0.976	ug/l	92
20) Methylene Chloride	2.794	84	4859	1.005	ug/l	95
25) 2-Butanone	4.580	43	2136	2.024	ug/l	95
31) Cyclohexane	5.544	56	2338	0.984	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9419	4.619	ug/l #	50
37) Ethyl Acetate	4.721	43	21981	8.951	ug/l	99
38) Carbon Tetrachloride	5.550	117	13174	6.238	ug/l #	15
43) Isopropyl Acetate	6.336	43	96975	30.124	ug/l	99
48) Methyl methacrylate	7.793	41	81137	50.034	ug/l #	44
49) 1,4-Dioxane	7.793	88	86	2.398	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	71866	36.350	ug/l #	50
53) t-1,3-Dichloropropene	8.952	75	666	0.332	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	35186	15.667	ug/l #	60
57) 1,3-Dichloropropane	9.482	76	4622	1.876	ug/l #	43
59) 2-Hexanone	9.482	43	60460	43.936	ug/l #	51
73) Isopropylbenzene	11.079	105	100	Below Cal	#	48
74) N-amyl acetate	10.640	43	22728	8.914	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	40911	22.931	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	40911	71.267	ug/l #	8

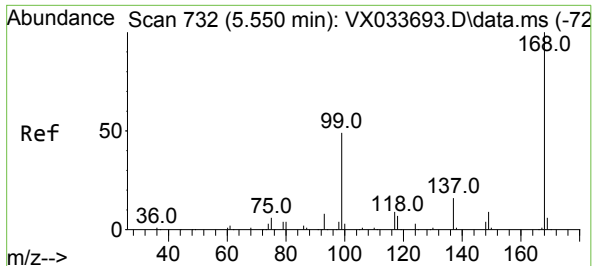
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

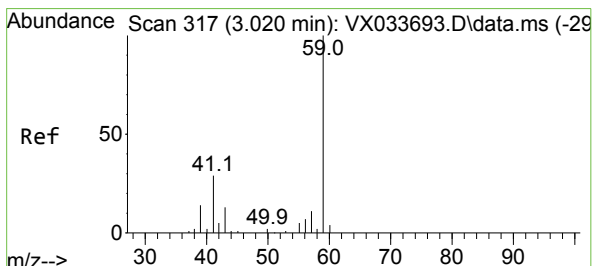
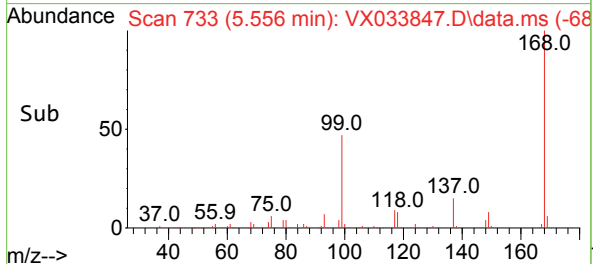
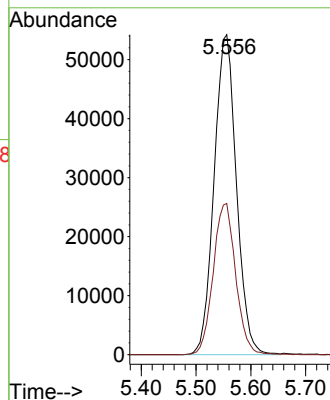
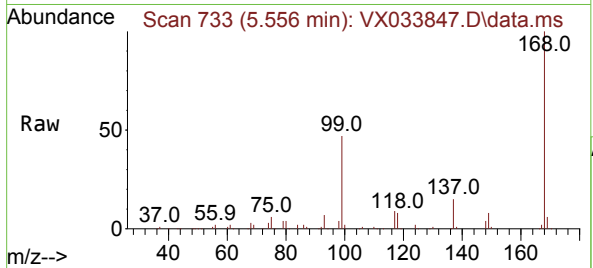




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033847.D
Acq: 23 Jan 2023 14:24

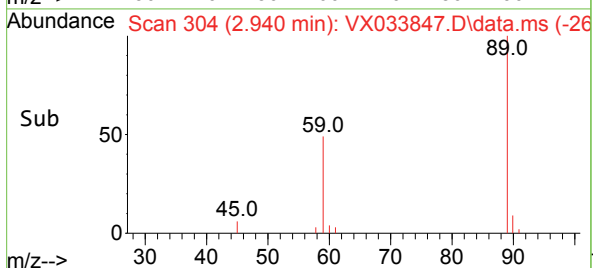
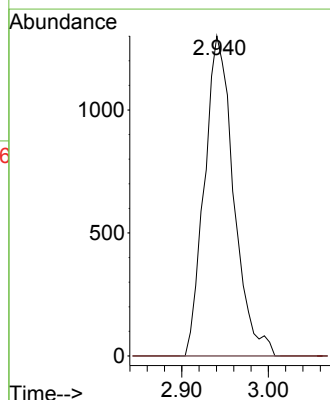
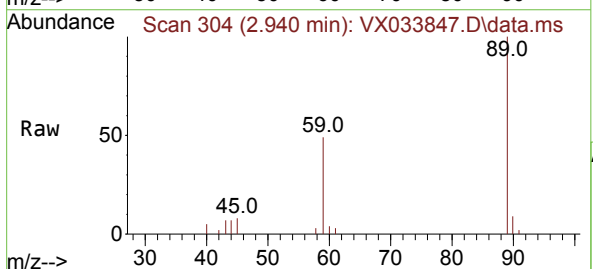
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#06

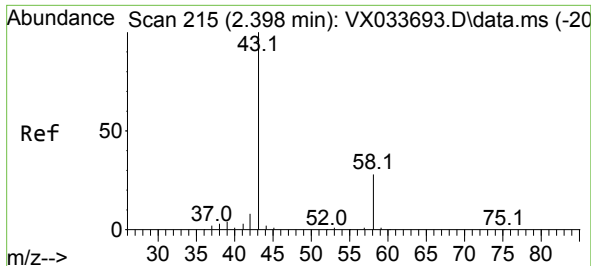
Tgt Ion:168 Resp: 153419
Ion Ratio Lower Upper
168 100
99 47.3 39.6 59.4



#11
Tert butyl alcohol
Concen: 10.872 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX033847.D
Acq: 23 Jan 2023 14:24

Tgt Ion: 59 Resp: 3051
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

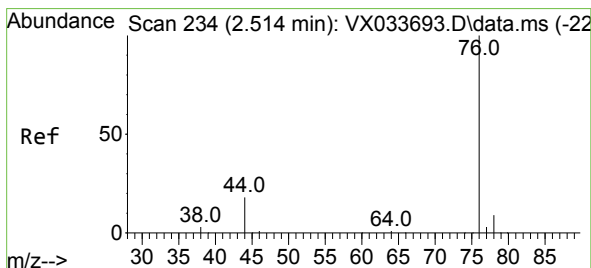
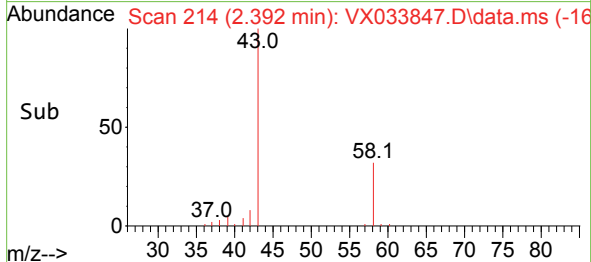
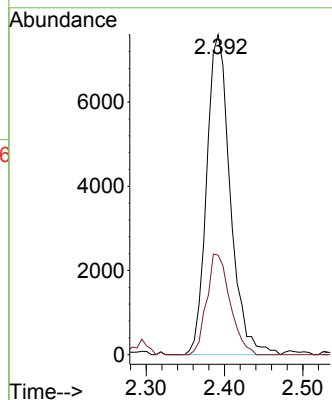
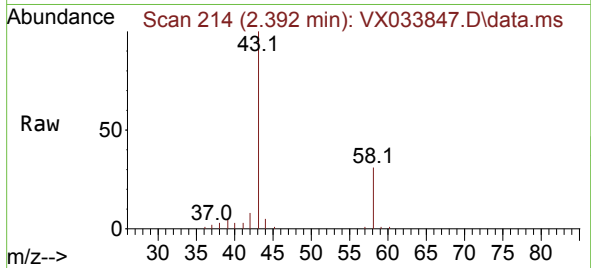




#16
Acetone
Concen: 15.450 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX033847.D
Acq: 23 Jan 2023 14:24

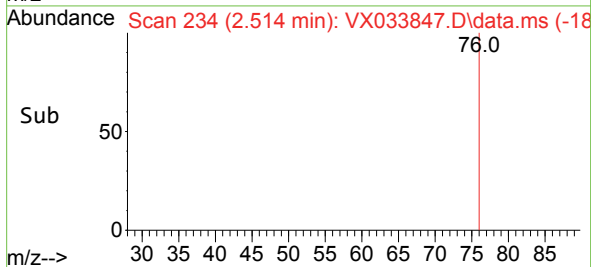
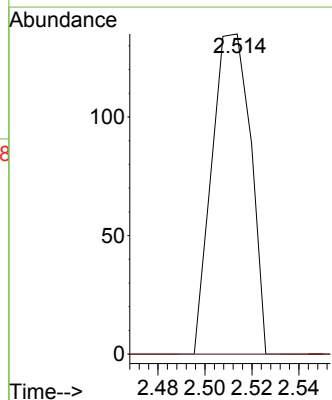
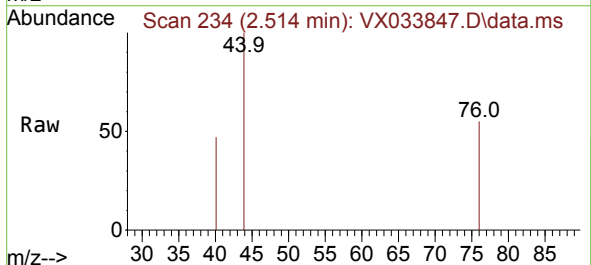
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#06

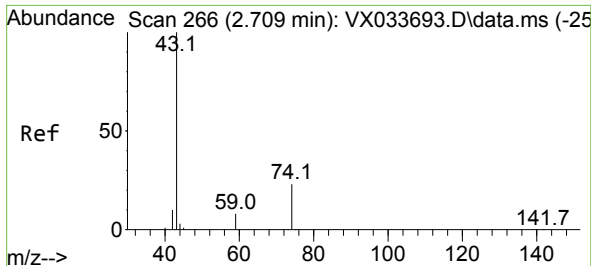
Tgt Ion: 43 Resp: 15893
Ion Ratio Lower Upper
43 100
58 31.1 22.6 33.8



#17
Carbon Disulfide
Concen: 1.870 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033847.D
Acq: 23 Jan 2023 14:24

Tgt Ion: 76 Resp: 155
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

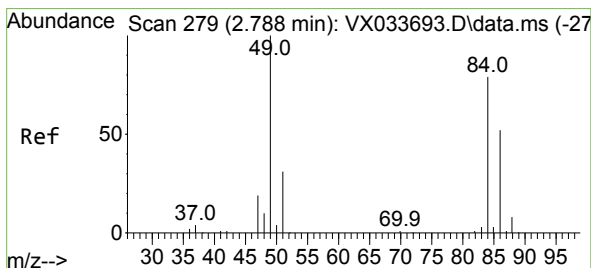
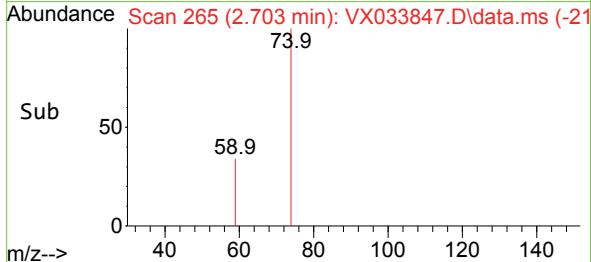
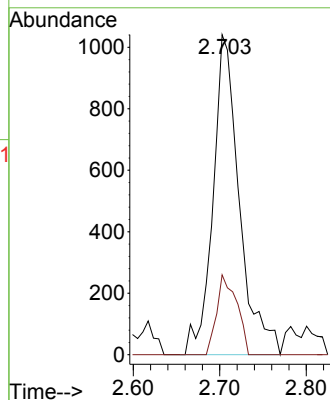
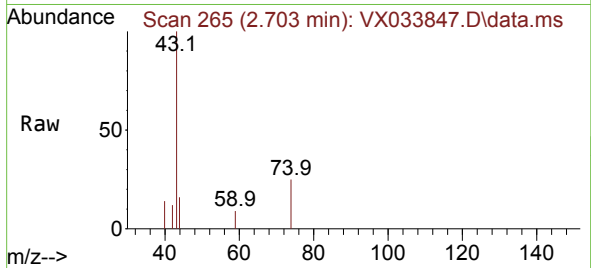




#18
Methyl Acetate
Concen: 0.976 ug/l
RT: 2.703 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX033847.D
Acq: 23 Jan 2023 14:24

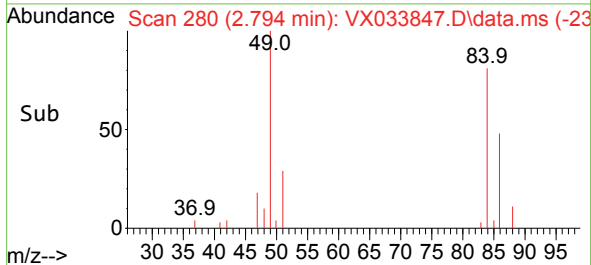
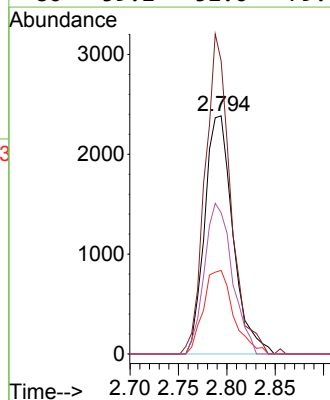
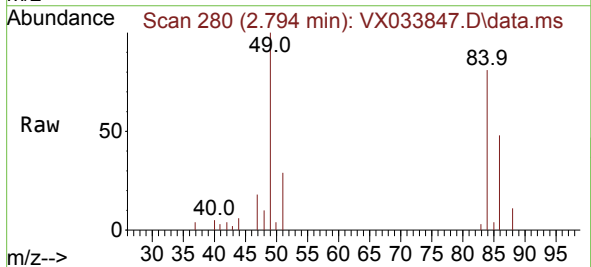
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#06

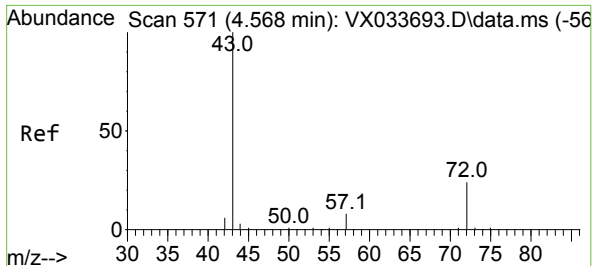
Tgt Ion: 43 Resp: 2201
Ion Ratio Lower Upper
43 100
74 19.0 18.2 27.4



#20
Methylene Chloride
Concen: 1.005 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033847.D
Acq: 23 Jan 2023 14:24

Tgt Ion: 84 Resp: 4859
Ion Ratio Lower Upper
84 100
49 123.1 101.1 151.7
51 35.1 31.0 46.6
86 59.2 52.6 79.0

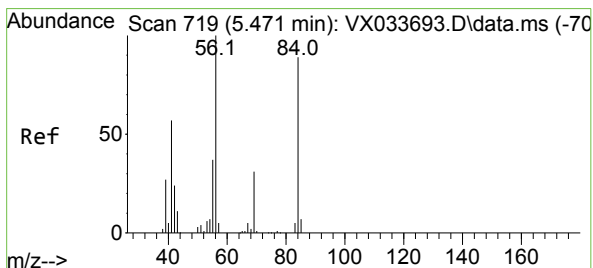
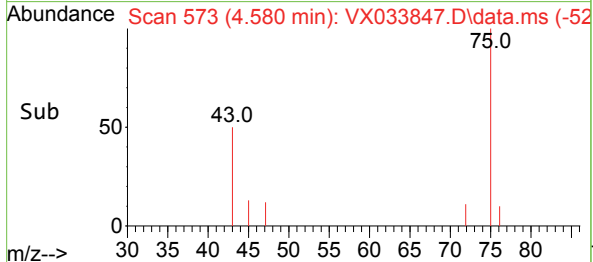
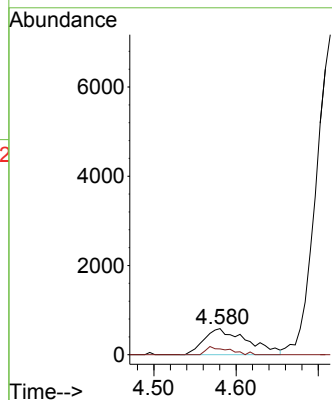
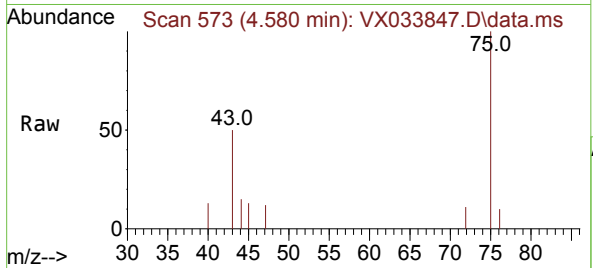




#25
2-Butanone
Concen: 2.024 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX033847.D
Acq: 23 Jan 2023 14:24

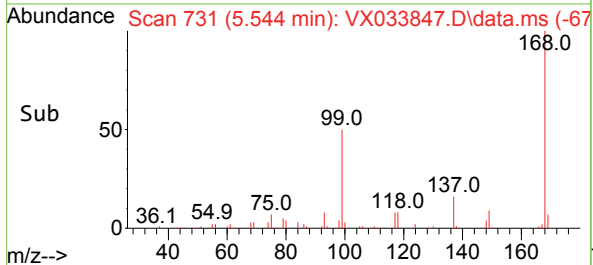
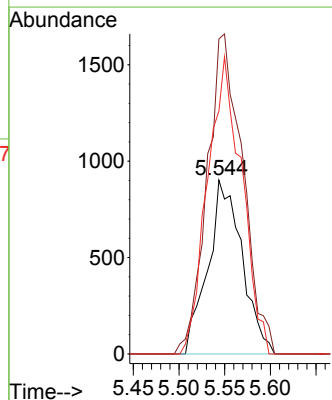
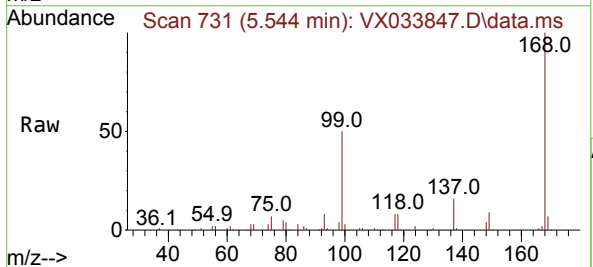
Instrument :
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ClientSampleId :
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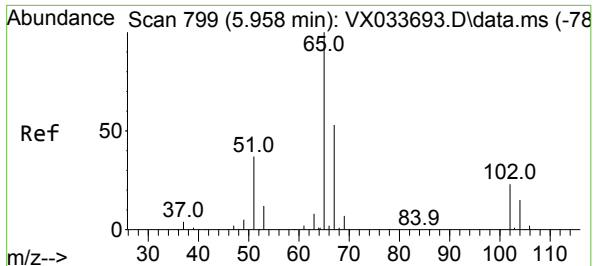
Tgt Ion: 43 Resp: 2136
Ion Ratio Lower Upper
43 100
72 22.0 19.4 29.2



#31
Cyclohexane
Concen: 0.984 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX033847.D
Acq: 23 Jan 2023 14:24

Tgt Ion: 56 Resp: 2338
Ion Ratio Lower Upper
56 100
69 181.4 24.6 37.0#
84 139.8 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 47.201 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX033847.D

Acq: 23 Jan 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

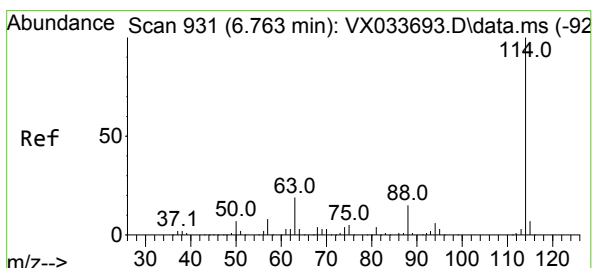
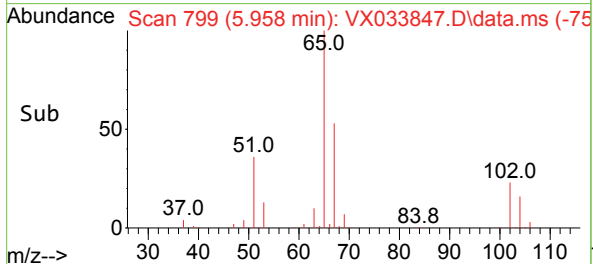
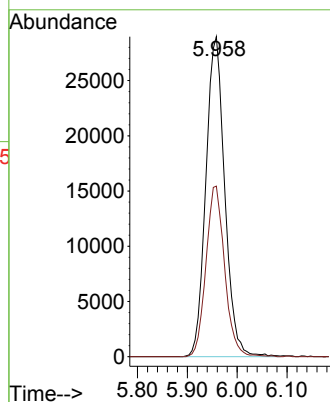
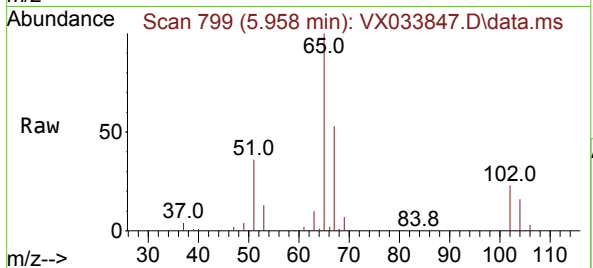
PB150369ZHE#06

Tgt Ion: 65 Resp: 76247

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033847.D

Acq: 23 Jan 2023 14:24

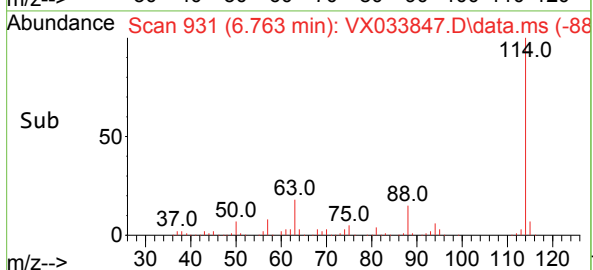
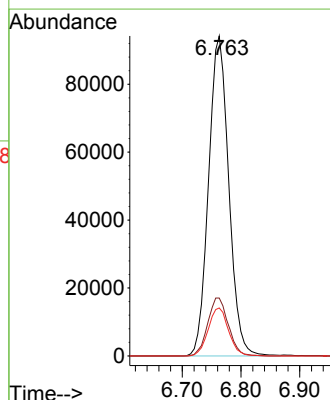
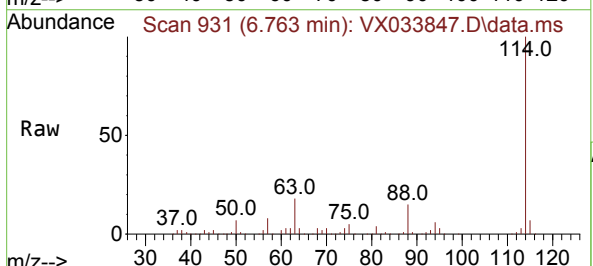
Tgt Ion: 114 Resp: 225015

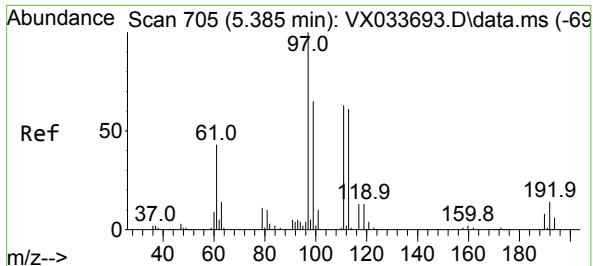
Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.4

88 15.0 0.0 30.6

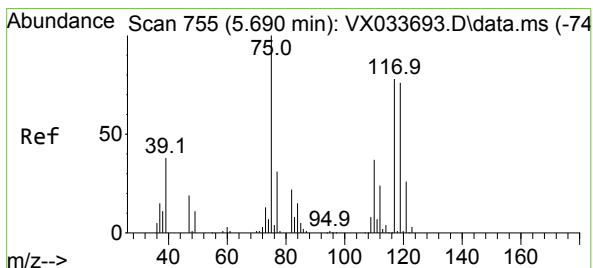
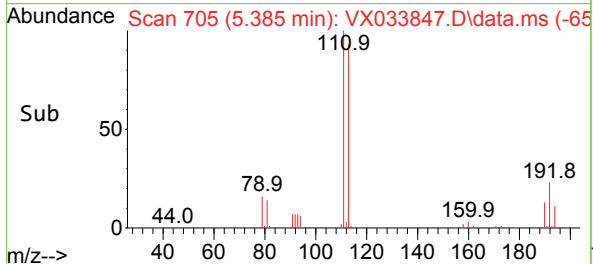
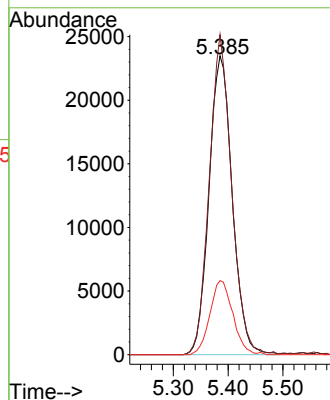
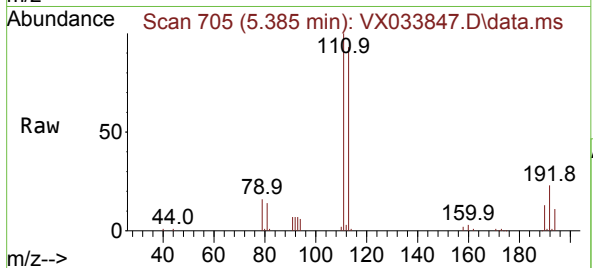




#35
Dibromofluoromethane
Concen: 49.576 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033847.D
Acq: 23 Jan 2023 14:24

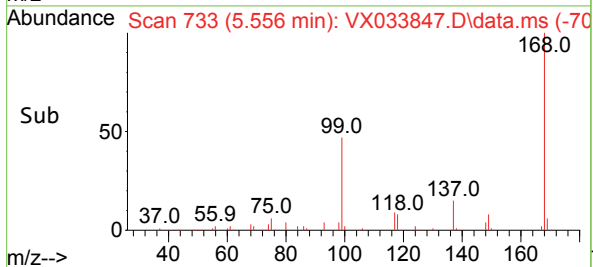
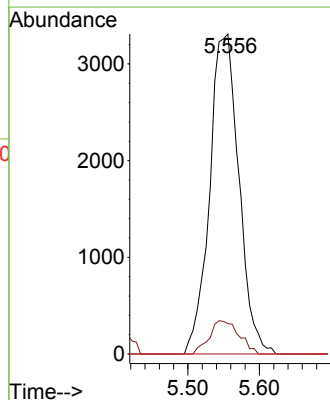
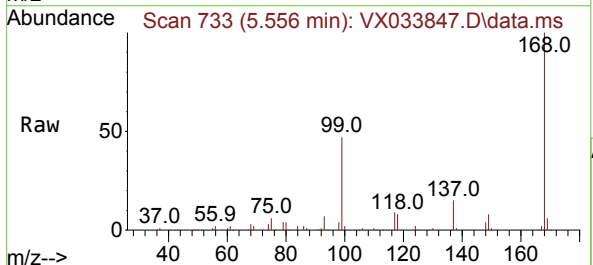
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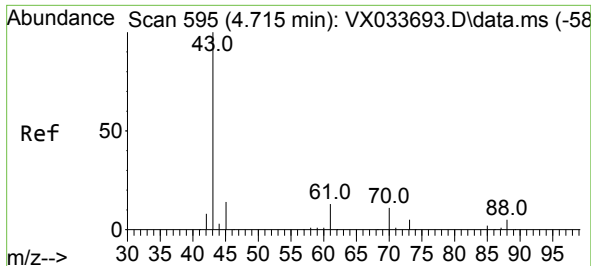
Tgt Ion:113 Resp: 69269
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.6
192 24.4 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.619 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX033847.D
Acq: 23 Jan 2023 14:24

Tgt Ion: 75 Resp: 9419
Ion Ratio Lower Upper
75 100
110 10.6 18.8 56.4#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 8.951 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX033847.D

Acq: 23 Jan 2023 14:24

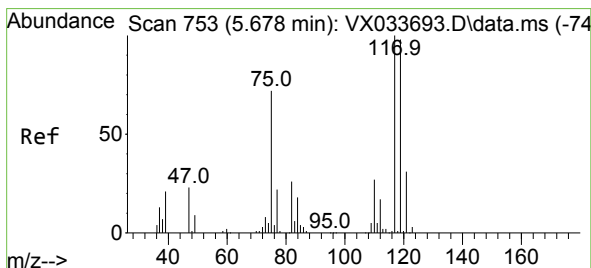
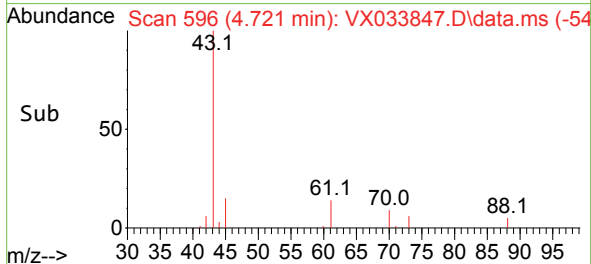
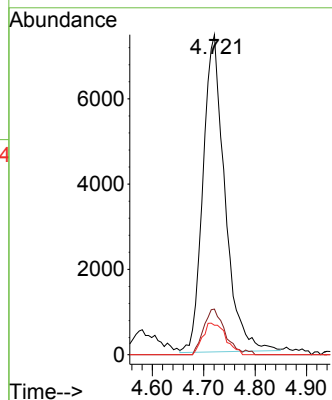
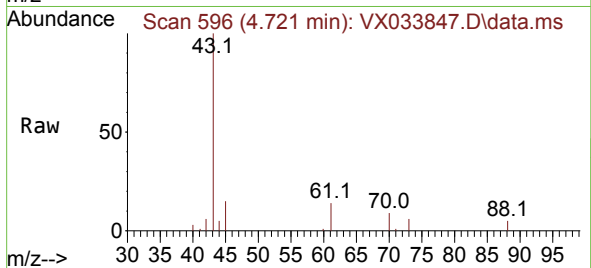
Instrument :

MSVOA_X

ClientSampleId :

PB150369ZHE#06

Tgt Ion:	43	Resp:	21981
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	10.3	8.5	12.7



#38

Carbon Tetrachloride

Concen: 6.238 ug/l

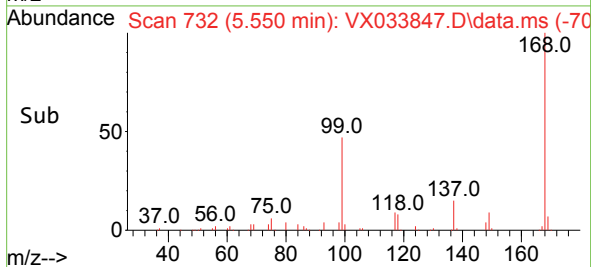
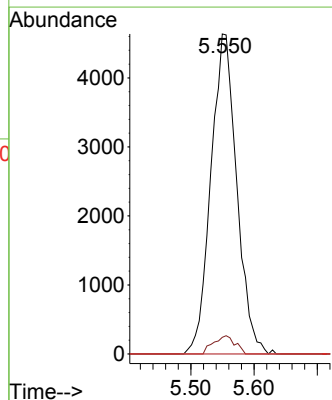
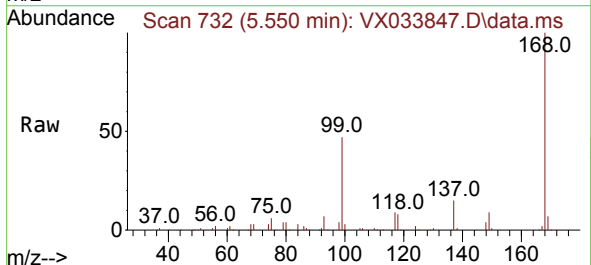
RT: 5.550 min Scan# 732

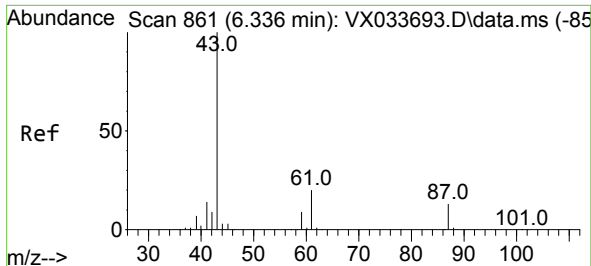
Delta R.T. -0.128 min

Lab File: VX033847.D

Acq: 23 Jan 2023 14:24

Tgt Ion:	117	Resp:	13174
Ion	Ratio	Lower	Upper
117	100		
119	5.2	78.0	117.0#
121	0.0	24.4	36.6#

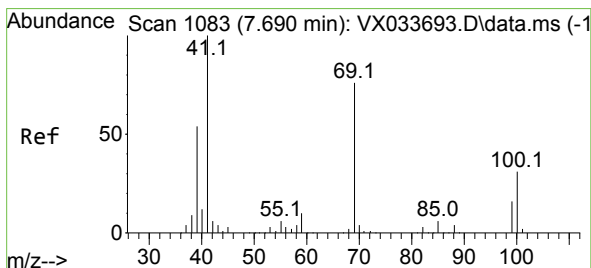
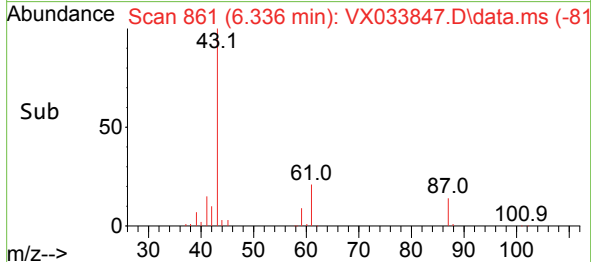
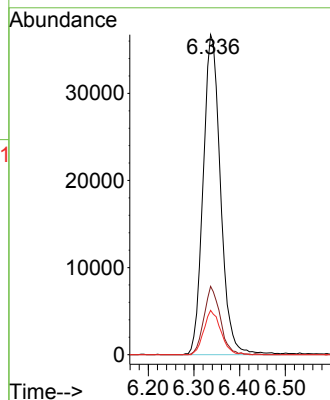
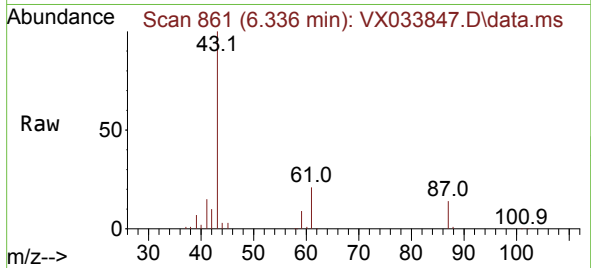




#43
Isopropyl Acetate
Concen: 30.124 ug/l
RT: 6.336 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033847.D
Acq: 23 Jan 2023 14:24

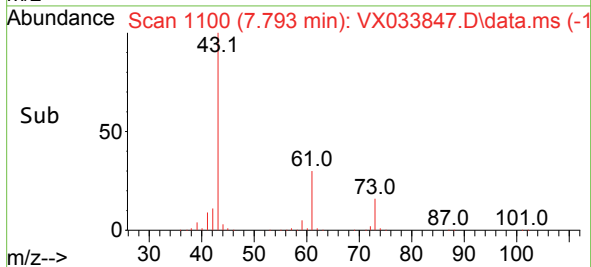
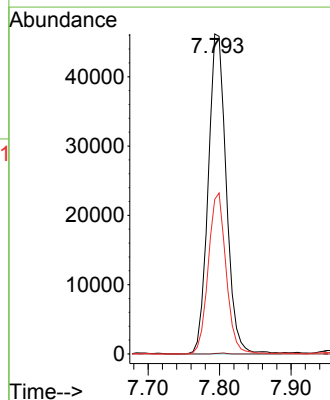
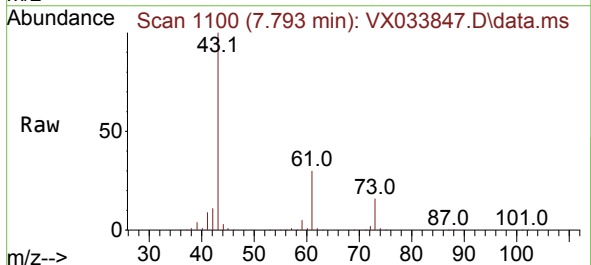
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#06

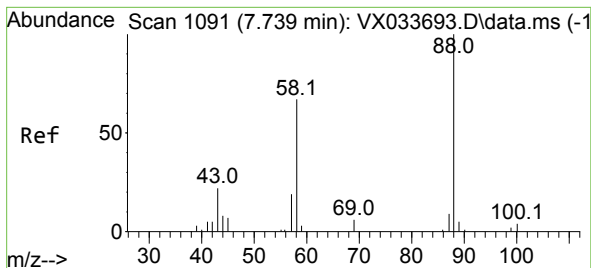
Tgt Ion:	43	Resp:	96975
Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.7	23.5
87	13.6	10.6	15.8



#48
Methyl methacrylate
Concen: 50.034 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX033847.D
Acq: 23 Jan 2023 14:24

Tgt Ion:	41	Resp:	81137
Ion	Ratio	Lower	Upper
41	100		
69	0.2	63.1	94.7#
39	49.6	43.2	64.8





#49

1,4-Dioxane

Concen: 2.398 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.055 min

Lab File: VX033847.D

Acq: 23 Jan 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

PB150369ZHE#06

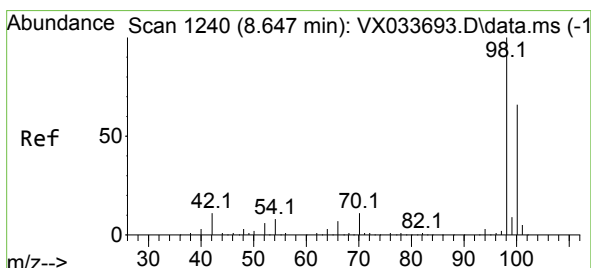
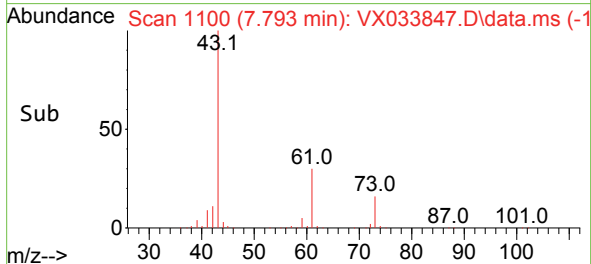
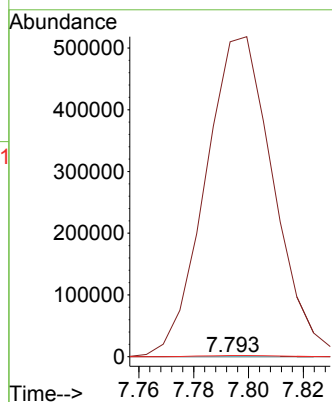
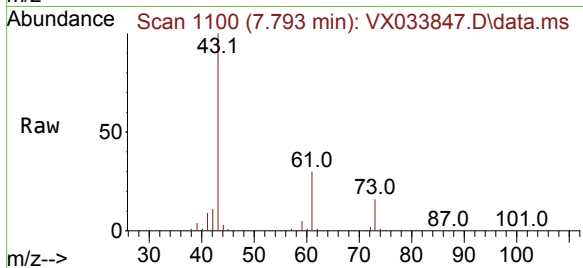
Tgt Ion: 88 Resp: 86

Ion Ratio Lower Upper

88 100

43 1053236.0 0.0 0.0#

58 4411.6 56.5 84.7#



#50

Toluene-d8

Concen: 50.908 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX033847.D

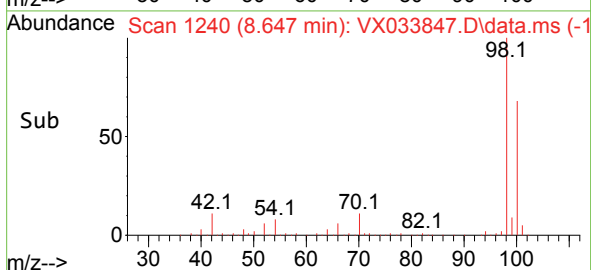
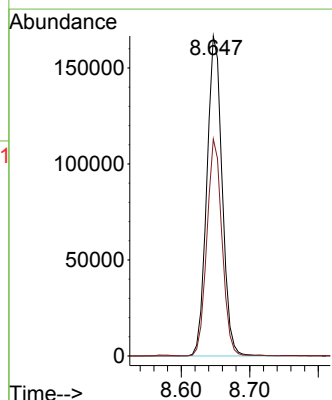
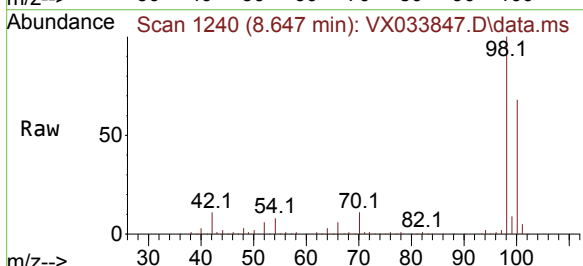
Acq: 23 Jan 2023 14:24

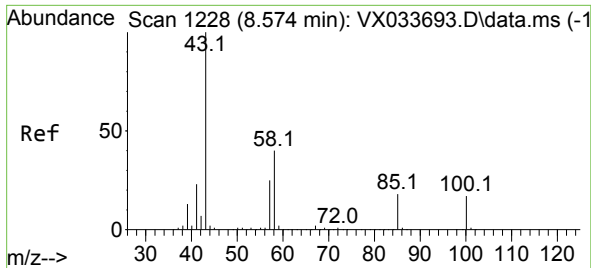
Tgt Ion: 98 Resp: 259163

Ion Ratio Lower Upper

98 100

100 67.2 53.6 80.4

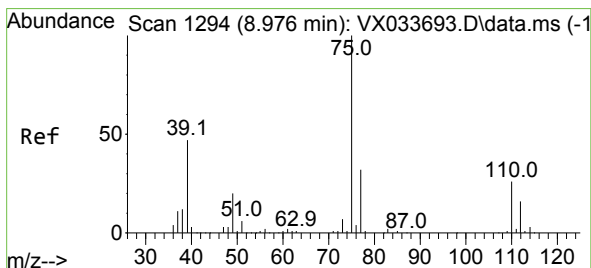
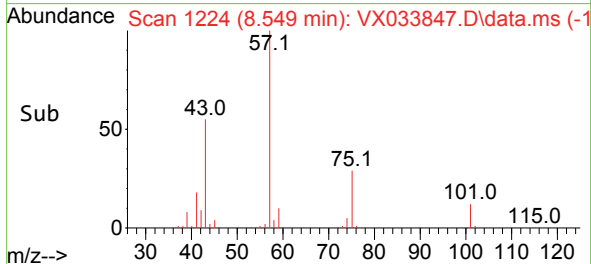
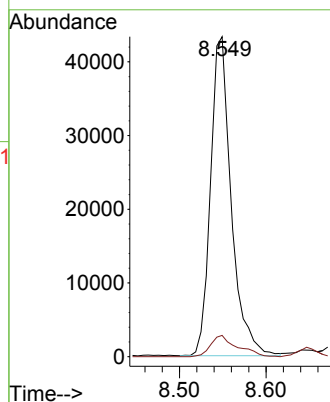
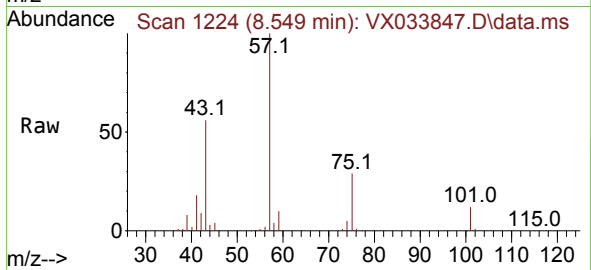




#51
4-Methyl-2-Pentanone
Concen: 36.350 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX033847.D
Acq: 23 Jan 2023 14:24

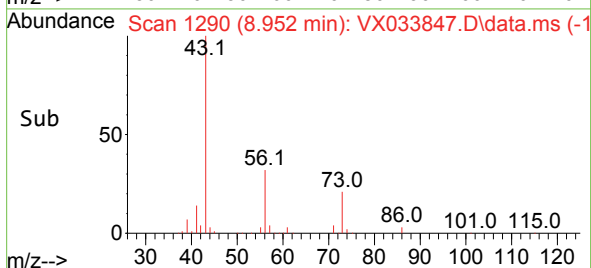
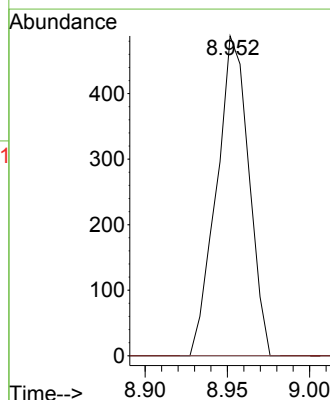
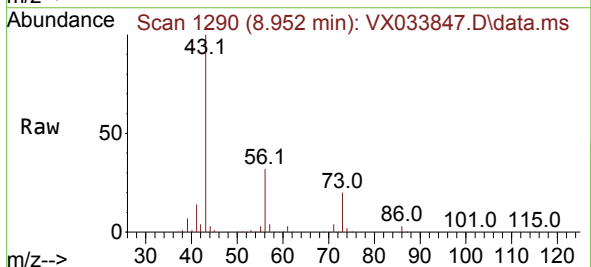
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#06

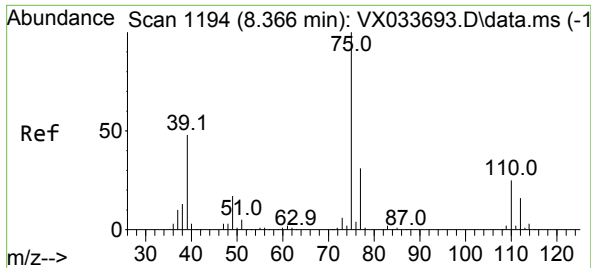
Tgt Ion: 43 Resp: 71866
Ion Ratio Lower Upper
43 100
58 8.6 31.2 46.8#



#53
t-1,3-Dichloropropene
Concen: 0.332 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX033847.D
Acq: 23 Jan 2023 14:24

Tgt Ion: 75 Resp: 666
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#

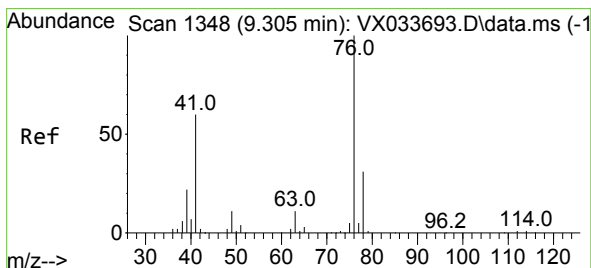
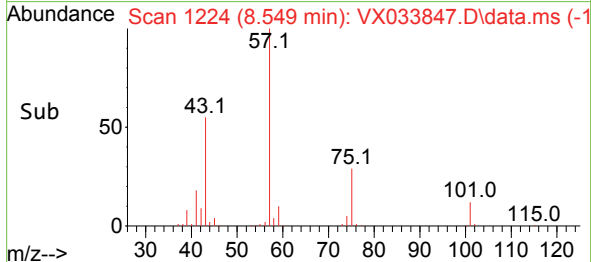
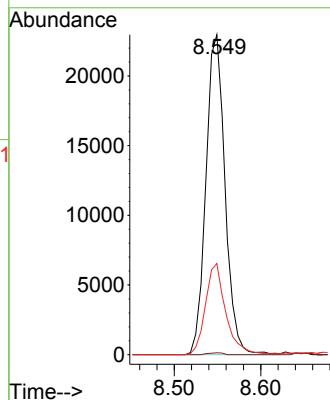
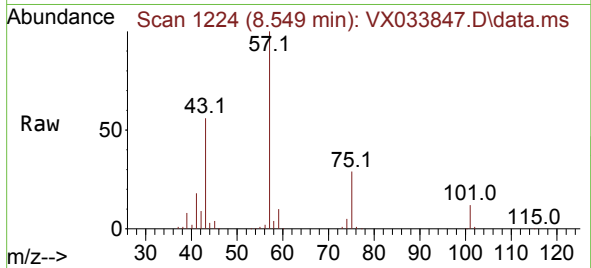




#54
 cis-1,3-Dichloropropene
 Concen: 15.667 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX033847.D
 Acq: 23 Jan 2023 14:24

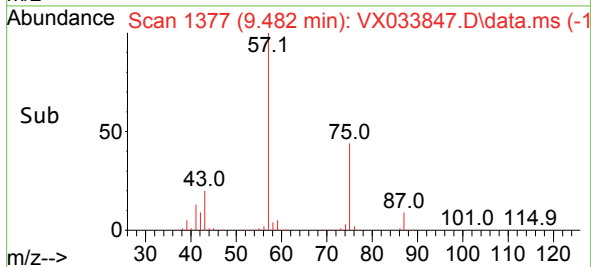
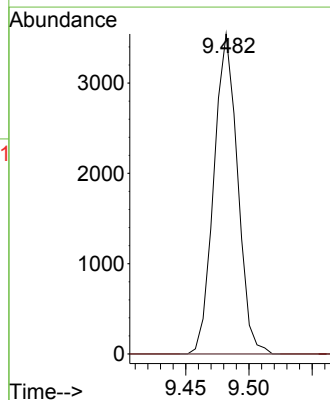
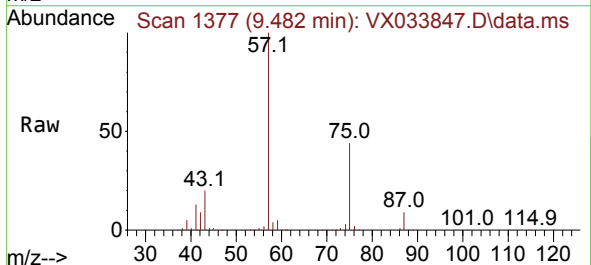
Instrument :
 MSVOA_X
 ClientSampleId :
 PB150369ZHE#06

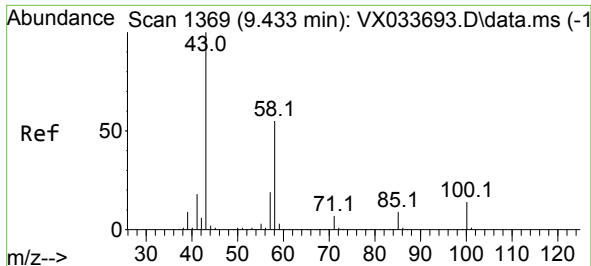
Tgt Ion: 75 Resp: 35186
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.0 37.6#
 39 28.5 38.6 58.0#



#57
 1,3-Dichloropropane
 Concen: 1.876 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX033847.D
 Acq: 23 Jan 2023 14:24

Tgt Ion: 76 Resp: 4622
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#





#59

2-Hexanone

Concen: 43.936 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX033847.D

Acq: 23 Jan 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

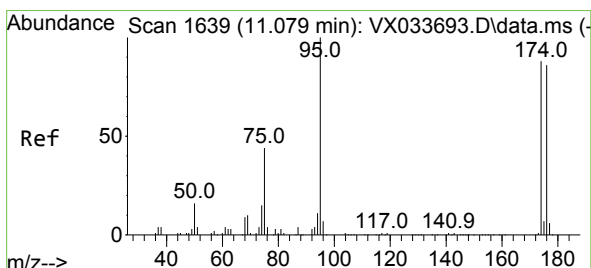
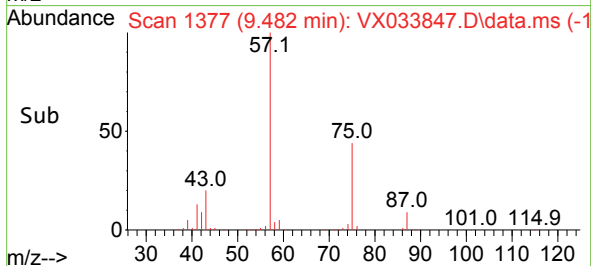
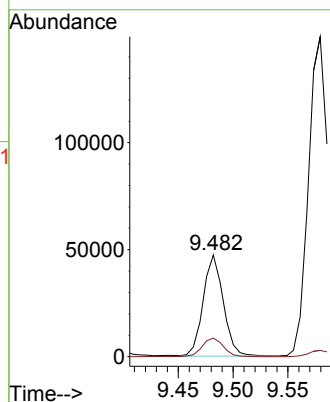
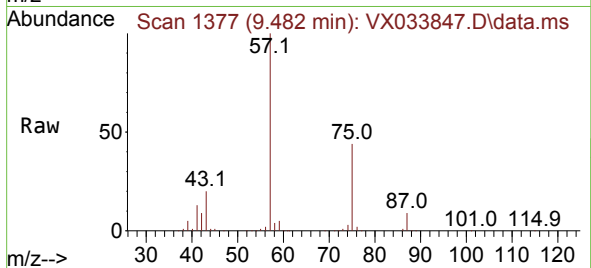
PB150369ZHE#06

Tgt Ion: 43 Resp: 60460

Ion Ratio Lower Upper

43 100

58 19.6 27.4 82.0#



#62

4-Bromofluorobenzene

Concen: 47.010 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033847.D

Acq: 23 Jan 2023 14:24

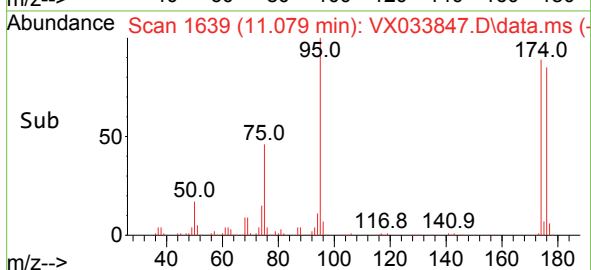
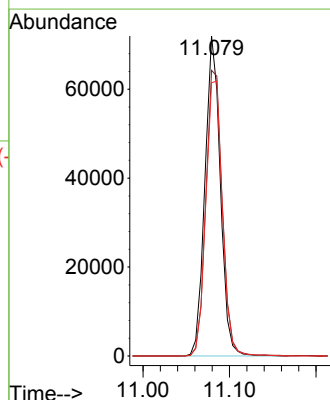
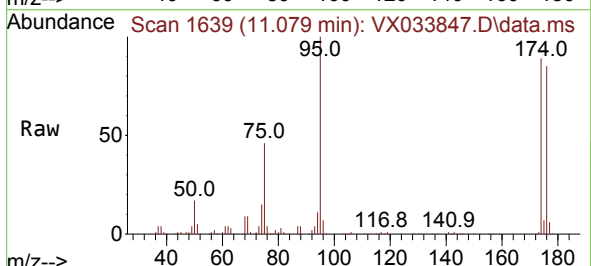
Tgt Ion: 95 Resp: 88855

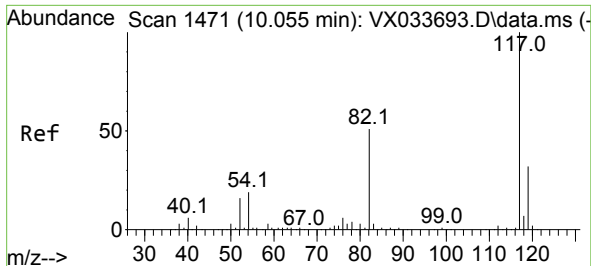
Ion Ratio Lower Upper

95 100

174 95.5 0.0 184.4

176 92.5 0.0 178.8

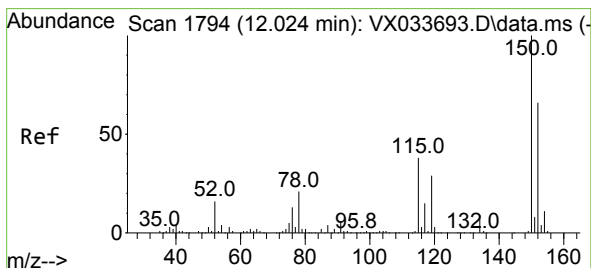
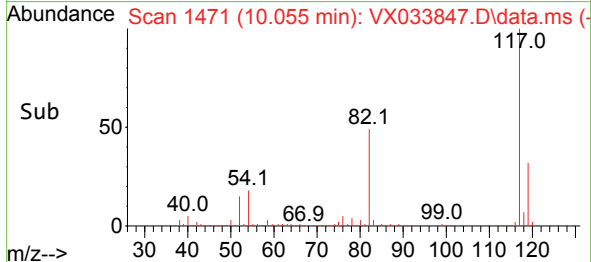
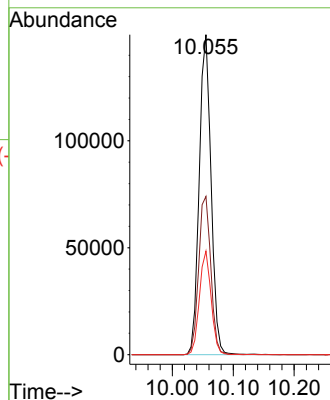
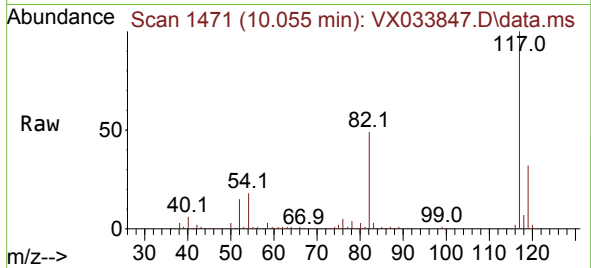




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033847.D
Acq: 23 Jan 2023 14:24

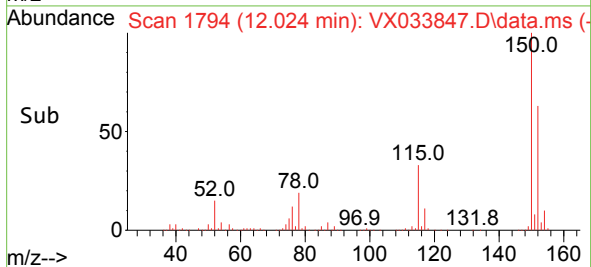
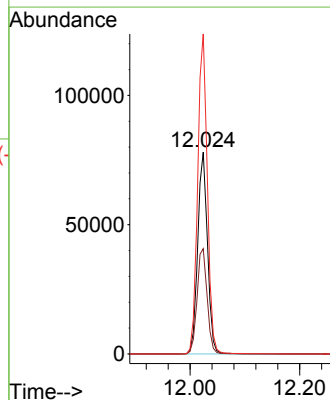
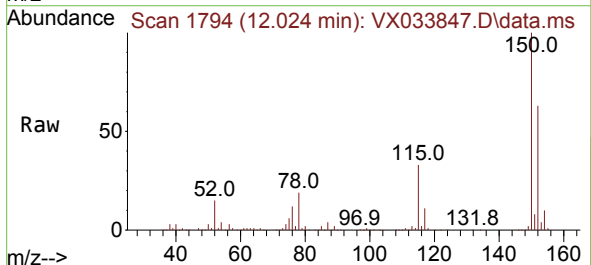
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#06

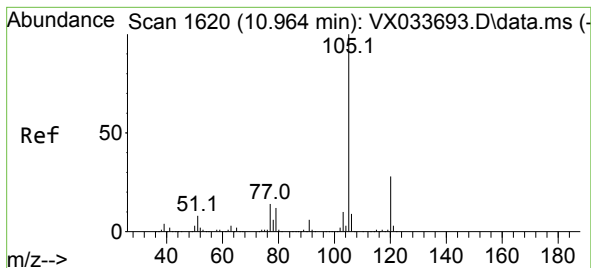
Tgt Ion:117 Resp: 201395
Ion Ratio Lower Upper
117 100
82 49.4 40.6 60.8
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033847.D
Acq: 23 Jan 2023 14:24

Tgt Ion:152 Resp: 97101
Ion Ratio Lower Upper
152 100
115 53.8 38.7 116.1
150 157.0 0.0 348.2





#73

Isopropylbenzene

Concen: Below Cal

RT: 11.079 min Scan# 1

Delta R.T. 0.115 min

Lab File: VX033847.D

Acq: 23 Jan 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

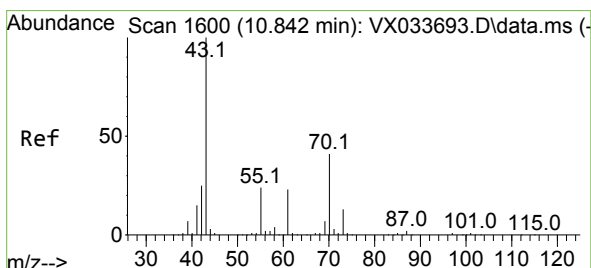
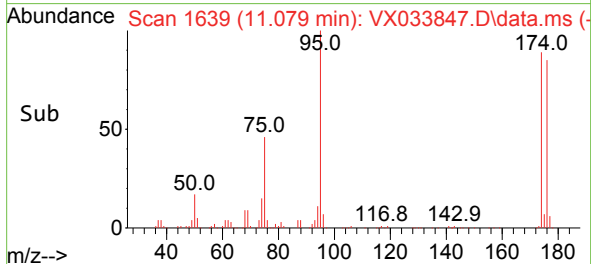
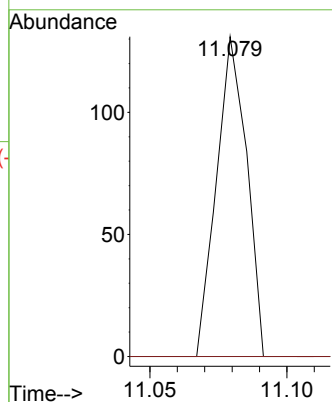
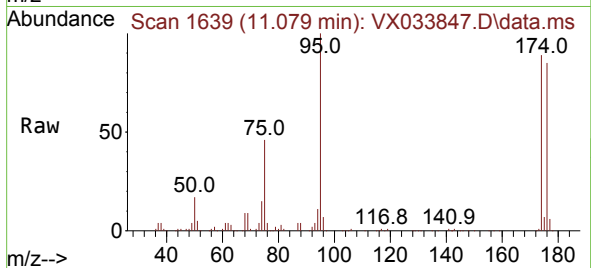
PB150369ZHE#06

Tgt Ion:105 Resp: 100

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#



#74

N-ethyl acetate

Concen: 8.914 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.201 min

Lab File: VX033847.D

Acq: 23 Jan 2023 14:24

Tgt Ion: 43 Resp: 22728

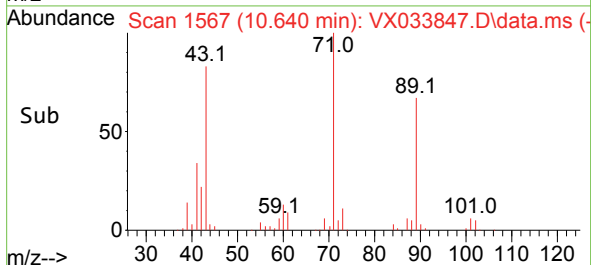
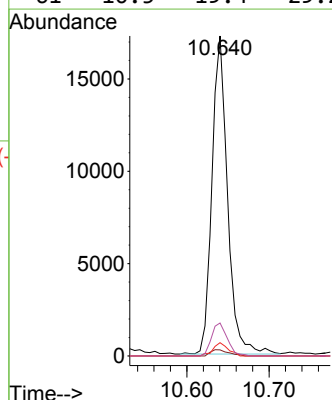
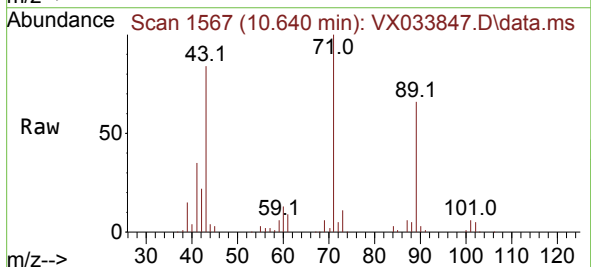
Ion Ratio Lower Upper

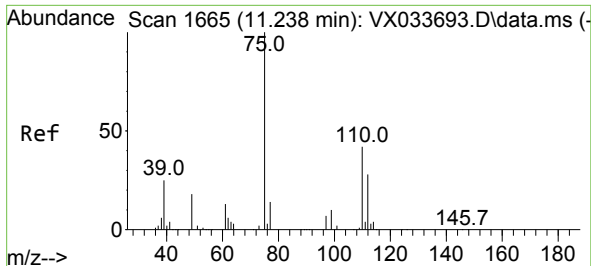
43 100

70 2.2 34.8 52.2#

55 4.0 19.4 29.0#

61 10.5 19.4 29.2#

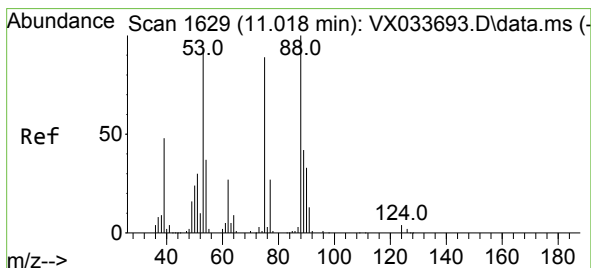
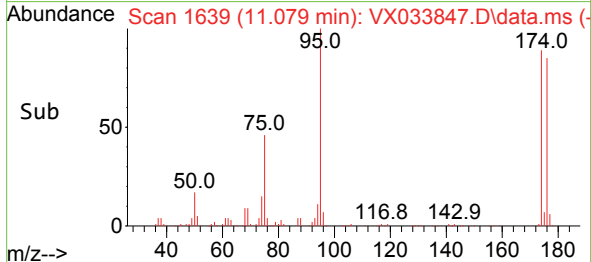
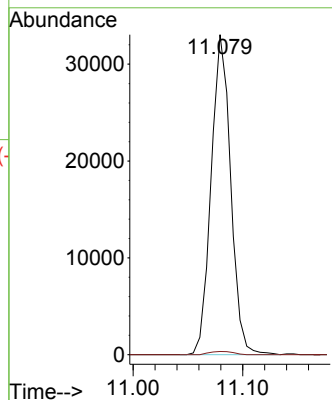
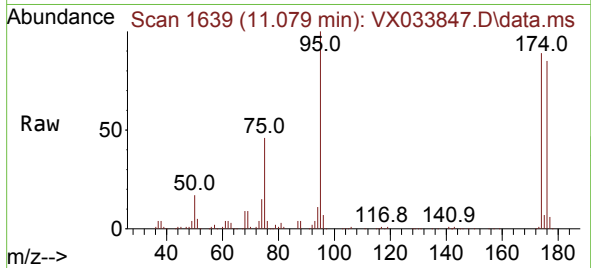




#76
1,2,3-Trichloropropane
Concen: 22.931 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033847.D
Acq: 23 Jan 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#06

Tgt Ion: 75 Resp: 40911
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.267 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033847.D
Acq: 23 Jan 2023 14:24

Tgt Ion: 75 Resp: 40911
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

