

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012323\
 Data File : VX033849.D
 Acq On : 23 Jan 2023 15:10
 Operator : JC/MD
 Sample : PB150369ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB150369ZHE#08

Quant Time: Jan 24 00:42:06 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

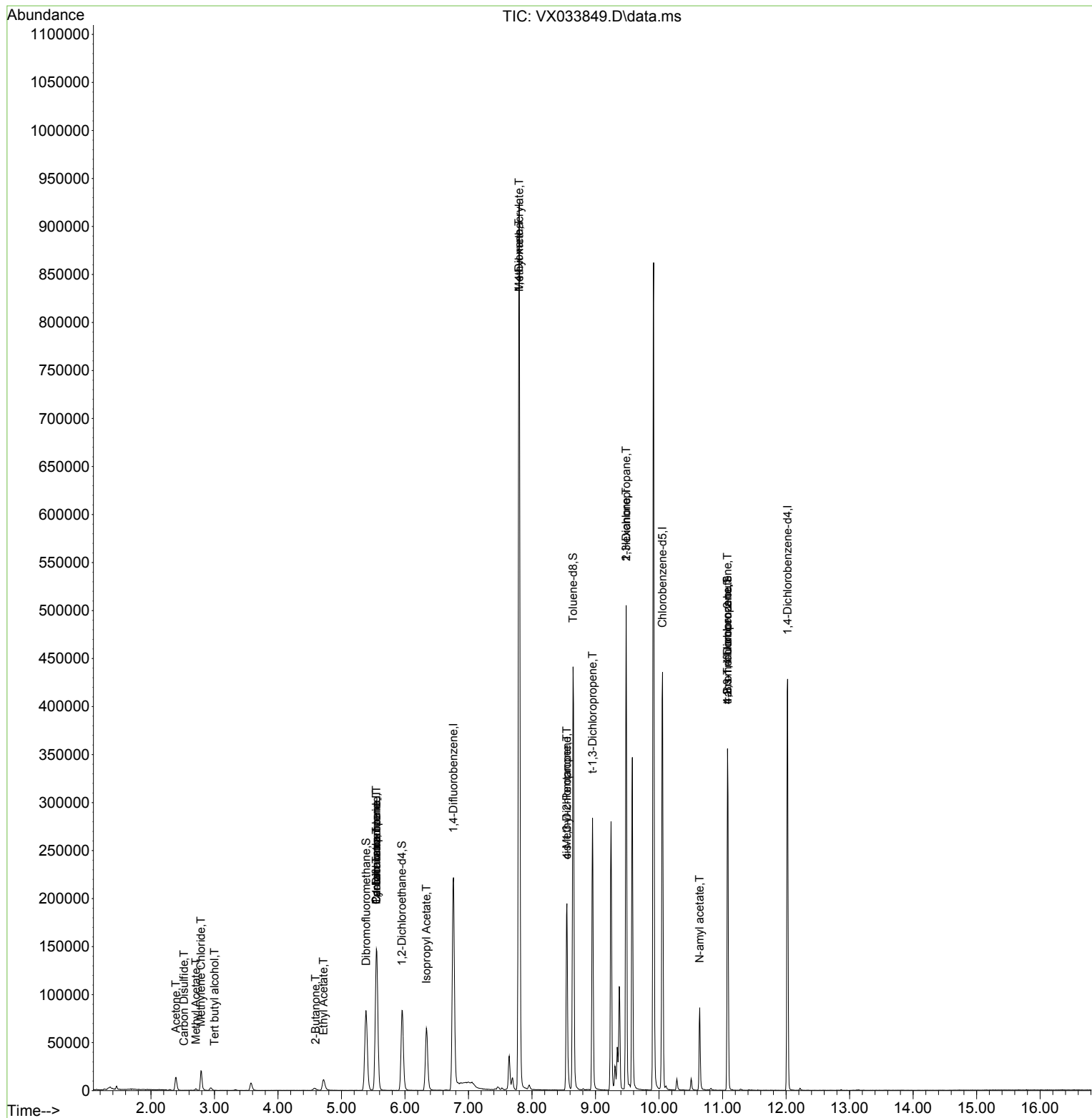
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	160143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235223	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79006	46.856	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.720%
35) Dibromofluoromethane	5.385	113	73028	49.998	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.000%
50) Toluene-d8	8.647	98	270321	50.795	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.600%
62) 4-Bromofluorobenzene	11.079	95	92611	46.871	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.740%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.001	59	145	0.495	ug/l #	86
16) Acetone	2.392	43	18590	18.885	ug/l	93
17) Carbon Disulfide	2.520	76	143	1.864	ug/l #	76
18) Methyl Acetate	2.709	43	2089	0.888	ug/l	98
20) Methylene Chloride	2.788	84	10373	4.811	ug/l	97
25) 2-Butanone	4.593	43	2493	2.263	ug/l	99
31) Cyclohexane	5.550	56	2238	0.902	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9521	4.466	ug/l #	45
37) Ethyl Acetate	4.715	43	21273	8.061	ug/l	99
38) Carbon Tetrachloride	5.550	117	13541	6.133	ug/l #	14
43) Isopropyl Acetate	6.336	43	91466	27.179	ug/l	99
48) Methyl methacrylate	7.799	41	77555	45.749	ug/l #	44
49) 1,4-Dioxane	7.793	88	128	3.414	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	68402	33.096	ug/l #	51
53) t-1,3-Dichloropropene	8.952	75	620	0.296	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	32784	13.964	ug/l #	60
57) 1,3-Dichloropropane	9.482	76	4469	1.735	ug/l #	43
59) 2-Hexanone	9.482	43	57937	40.276	ug/l #	51
73) Isopropylbenzene	11.079	105	40	Below Cal	#	48
74) N-amyl acetate	10.640	43	22369	8.332	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	43593	23.208	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	43593	72.127	ug/l #	8

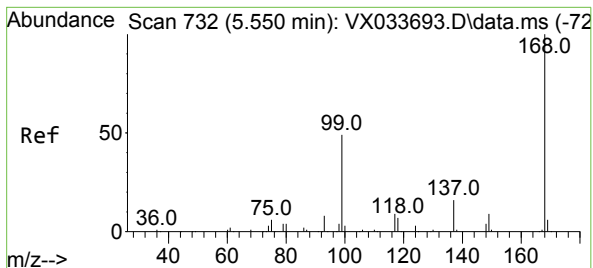
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012323\
Data File : VX033849.D
Acq On : 23 Jan 2023 15:10
Operator : JC/MD
Sample : PB150369ZHE#08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#08

Quant Time: Jan 24 00:42:06 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX033849.D

Acq: 23 Jan 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

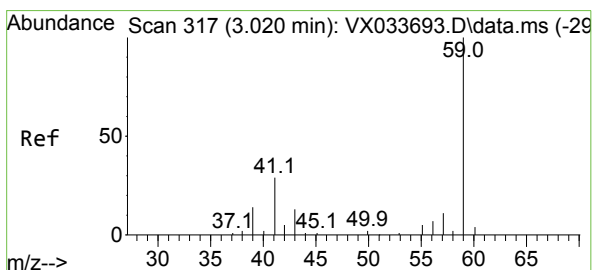
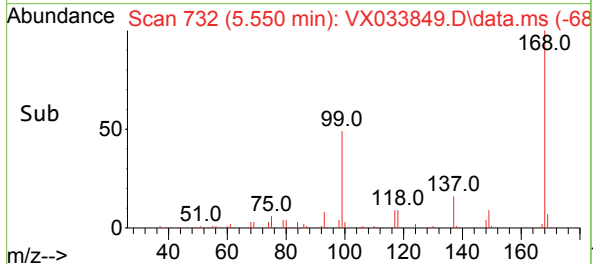
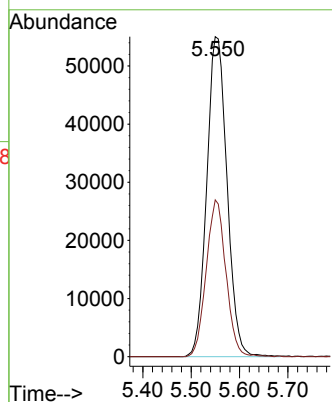
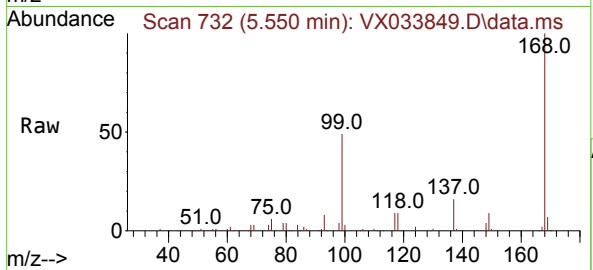
PB150369ZHE#08

Tgt Ion:168 Resp: 160143

Ion Ratio Lower Upper

168 100

99 49.0 39.6 59.4



#11

Tert butyl alcohol

Concen: 0.495 ug/l

RT: 3.001 min Scan# 314

Delta R.T. -0.018 min

Lab File: VX033849.D

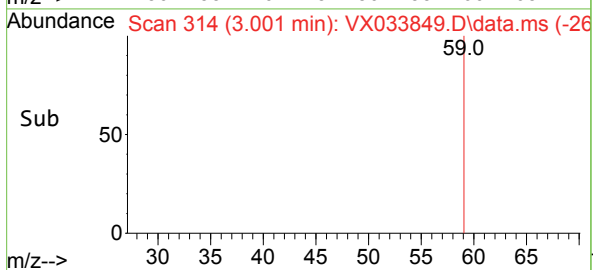
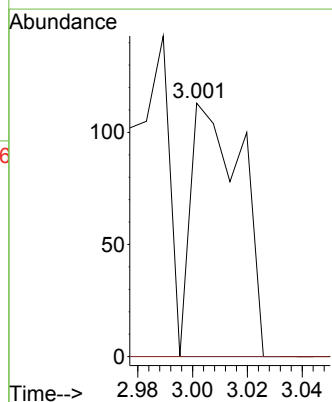
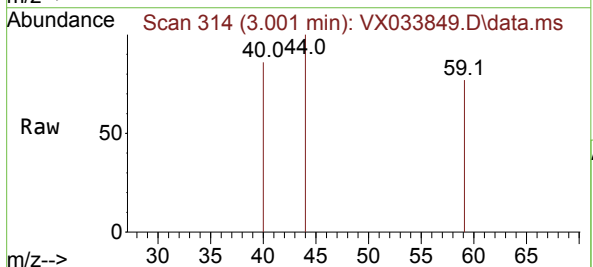
Acq: 23 Jan 2023 15:10

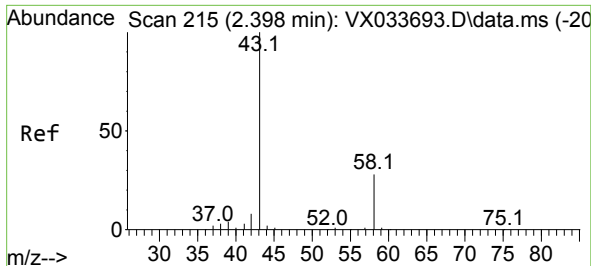
Tgt Ion: 59 Resp: 145

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#

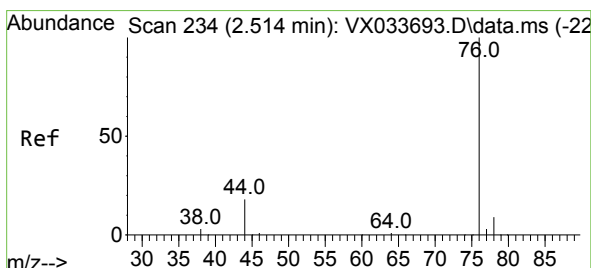
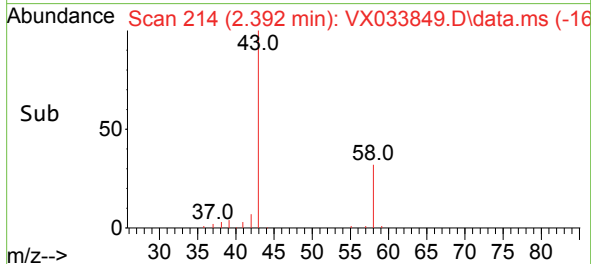
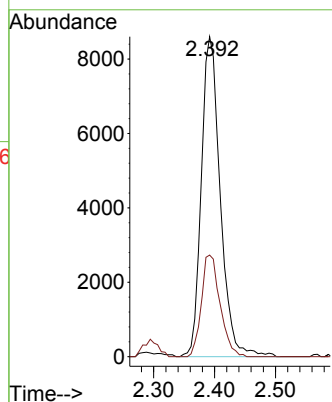
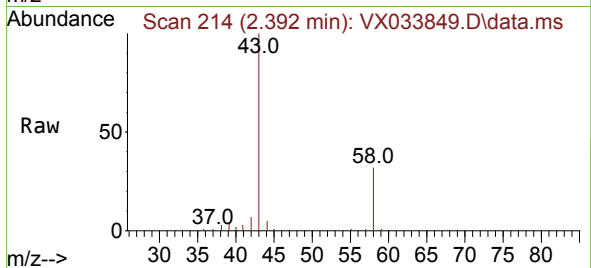




#16
Acetone
Concen: 18.885 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX033849.D
Acq: 23 Jan 2023 15:10

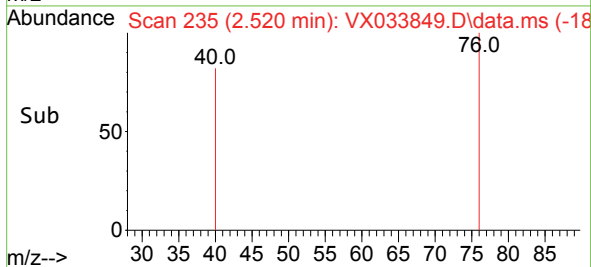
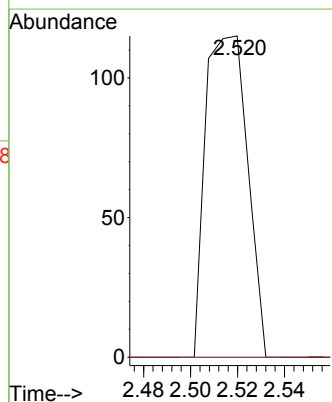
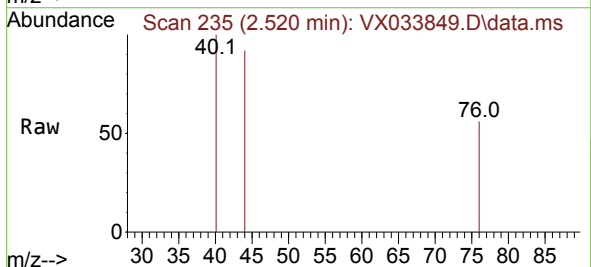
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#08

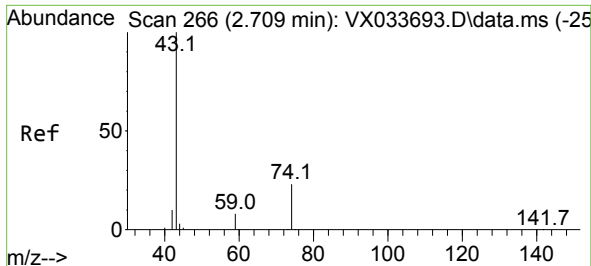
Tgt Ion: 43 Resp: 18590
Ion Ratio Lower Upper
43 100
58 31.8 22.6 33.8



#17
Carbon Disulfide
Concen: 1.864 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX033849.D
Acq: 23 Jan 2023 15:10

Tgt Ion: 76 Resp: 143
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#18

Methyl Acetate

Concen: 0.888 ug/l

RT: 2.709 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX033849.D

Acq: 23 Jan 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

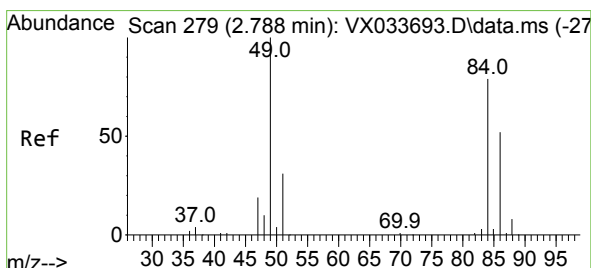
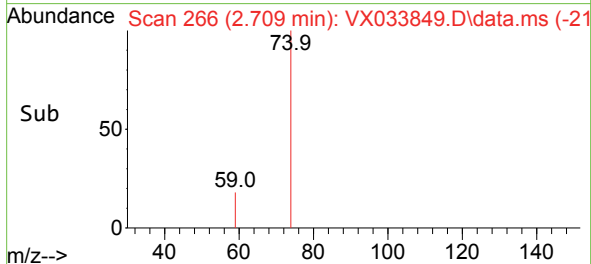
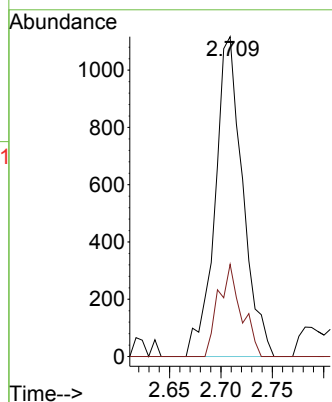
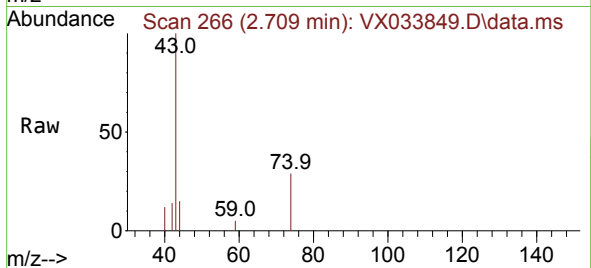
PB150369ZHE#08

Tgt Ion: 43 Resp: 2089

Ion Ratio Lower Upper

43 100

74 23.9 18.2 27.4



#20

Methylene Chloride

Concen: 4.811 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX033849.D

Acq: 23 Jan 2023 15:10

Tgt Ion: 84 Resp: 10373

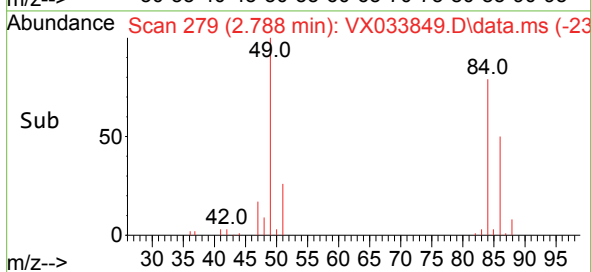
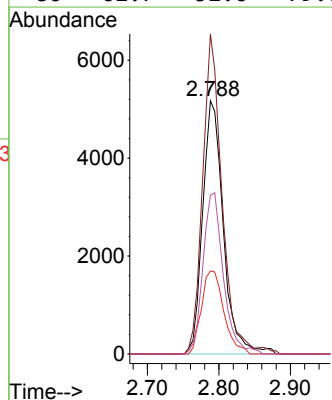
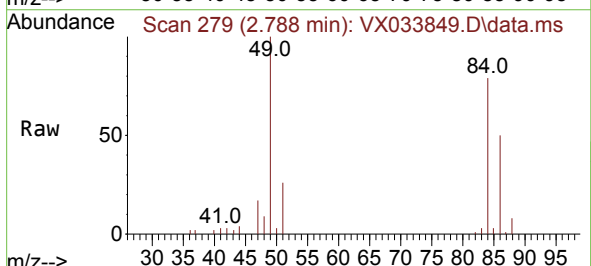
Ion Ratio Lower Upper

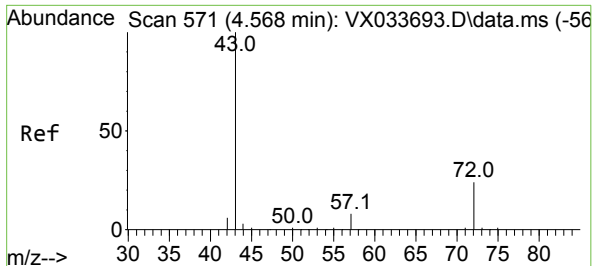
84 100

49 126.4 101.1 151.7

51 32.8 31.0 46.6

86 62.7 52.6 79.0





#25

2-Butanone

Concen: 2.263 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX033849.D

Acq: 23 Jan 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

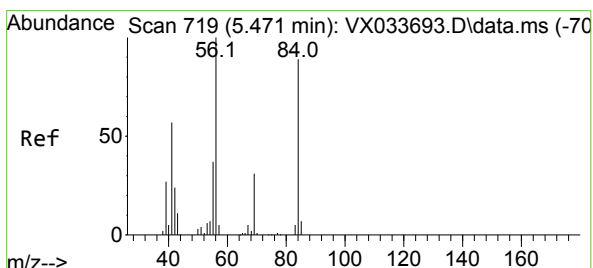
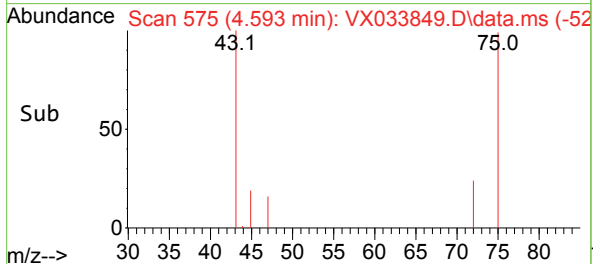
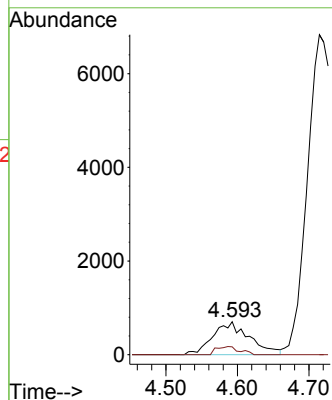
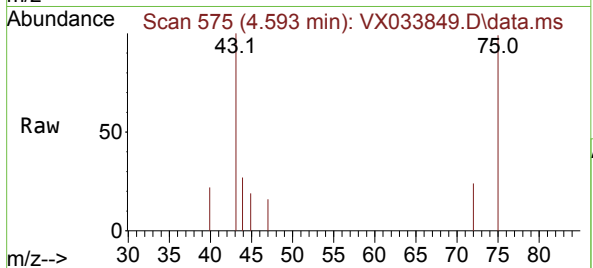
PB150369ZHE#08

Tgt Ion: 43 Resp: 2493

Ion Ratio Lower Upper

43 100

72 24.0 19.4 29.2



#31

Cyclohexane

Concen: 0.902 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX033849.D

Acq: 23 Jan 2023 15:10

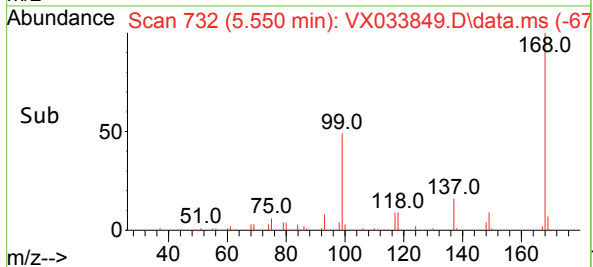
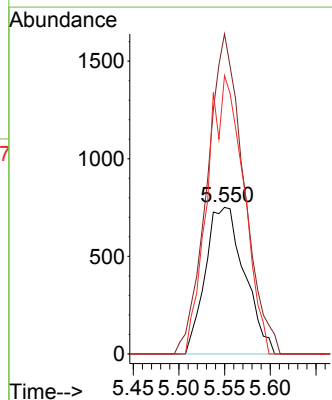
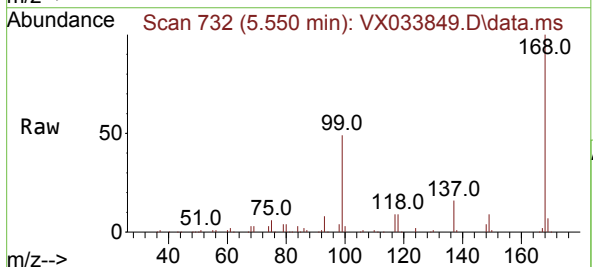
Tgt Ion: 56 Resp: 2238

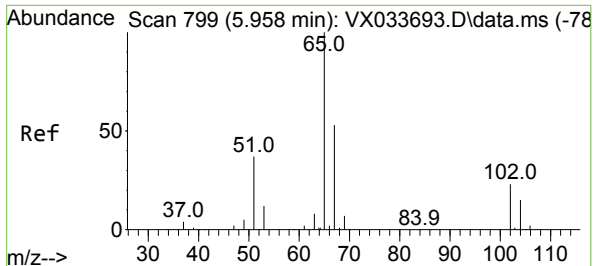
Ion Ratio Lower Upper

56 100

69 218.2 24.6 37.0#

84 208.9 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 46.856 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033849.D

Acq: 23 Jan 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

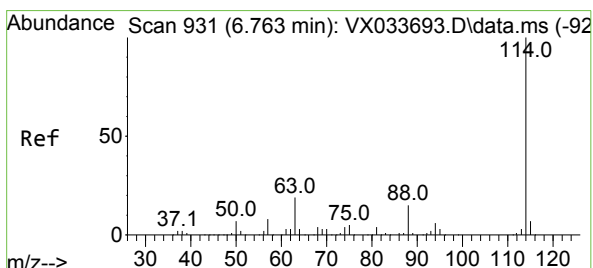
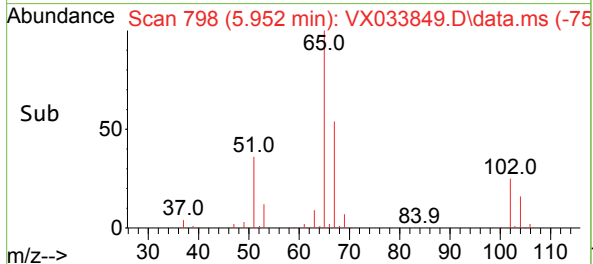
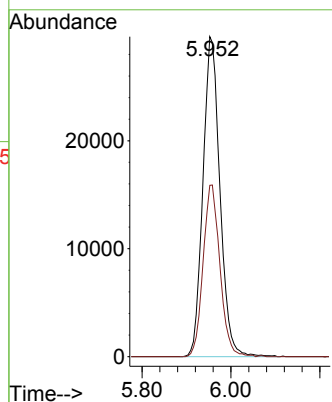
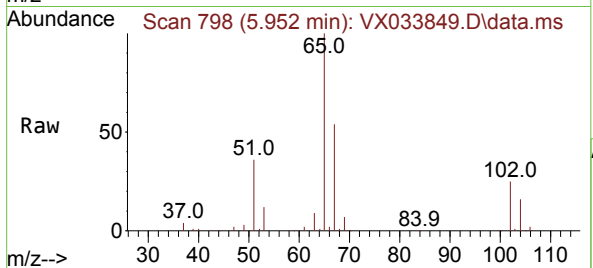
PB150369ZHE#08

Tgt Ion: 65 Resp: 79006

Ion Ratio Lower Upper

65 100

67 53.2 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: VX033849.D

Acq: 23 Jan 2023 15:10

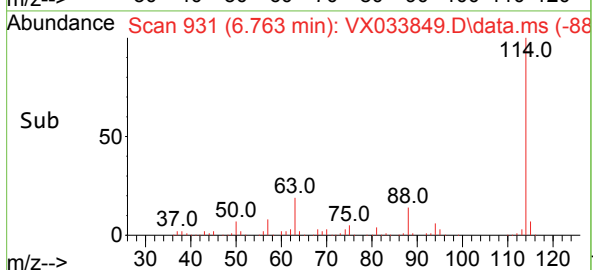
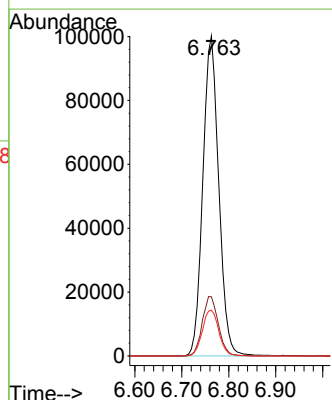
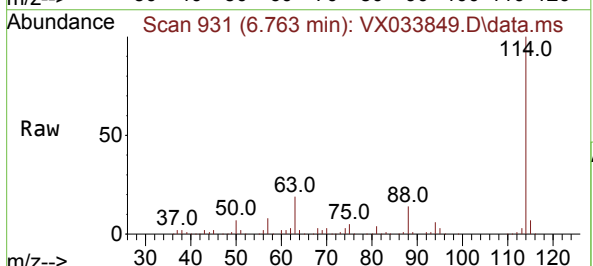
Tgt Ion: 114 Resp: 235223

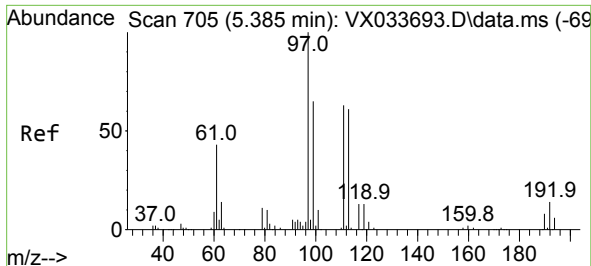
Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.4

88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.998 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033849.D

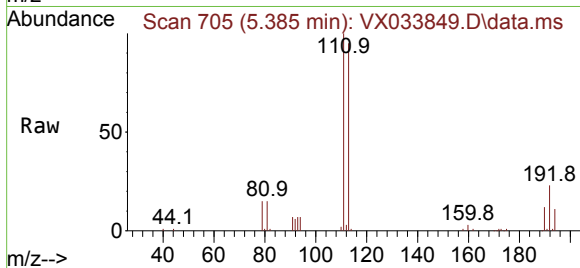
Acq: 23 Jan 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

PB150369ZHE#08



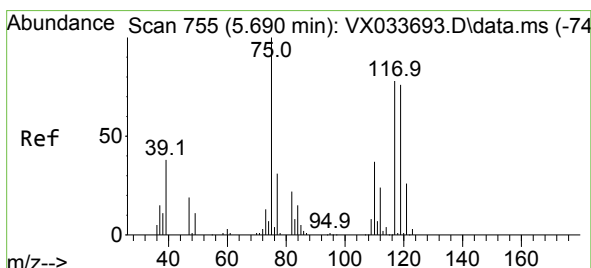
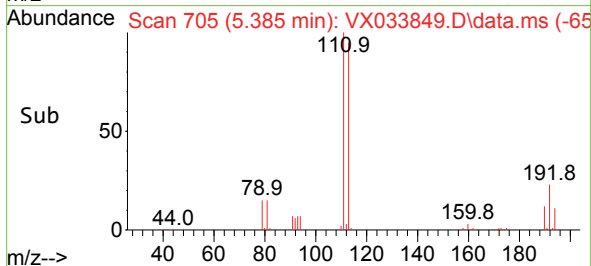
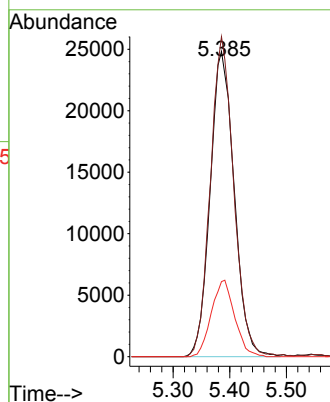
Tgt Ion:113 Resp: 73028

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.6

192 24.3 19.0 28.4



#36

1,1-Dichloropropene

Concen: 4.466 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX033849.D

Acq: 23 Jan 2023 15:10

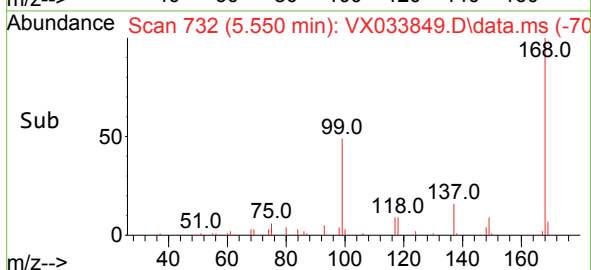
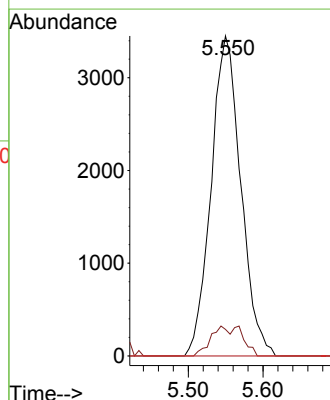
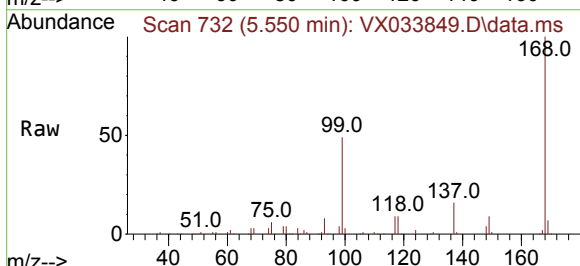
Tgt Ion: 75 Resp: 9521

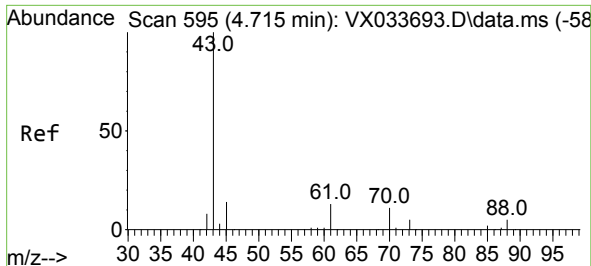
Ion Ratio Lower Upper

75 100

110 6.0 18.8 56.4#

77 0.0 25.1 37.7#

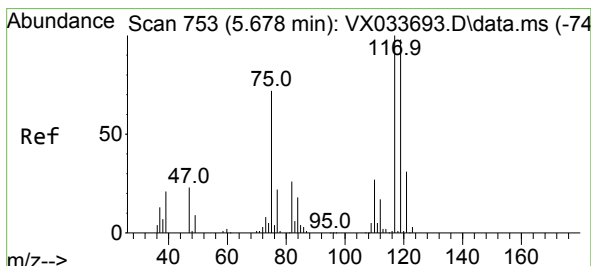
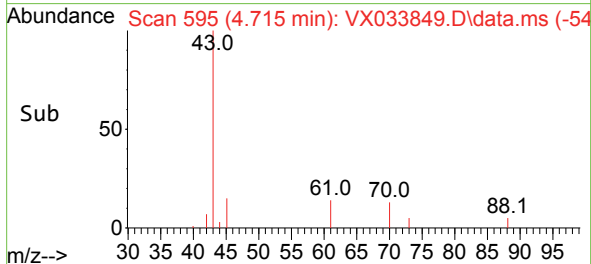
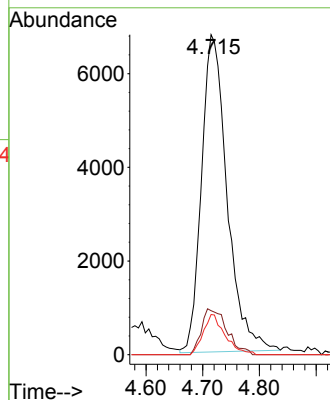
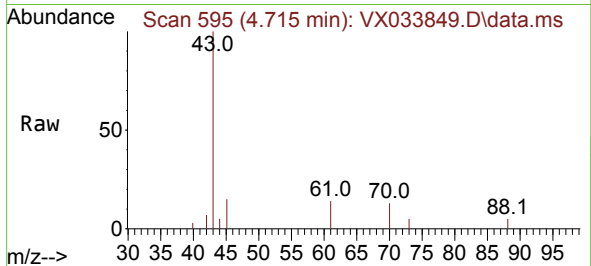




#37
Ethyl Acetate
Concen: 8.061 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033849.D
Acq: 23 Jan 2023 15:10

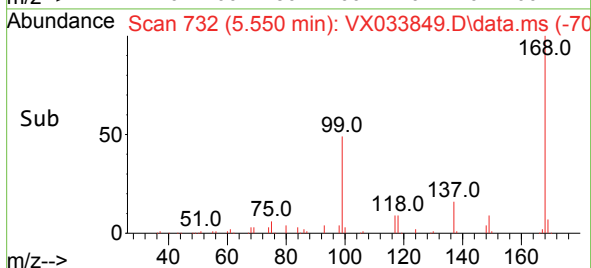
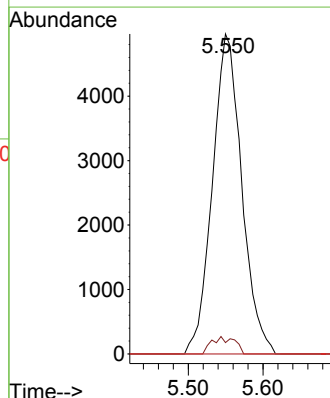
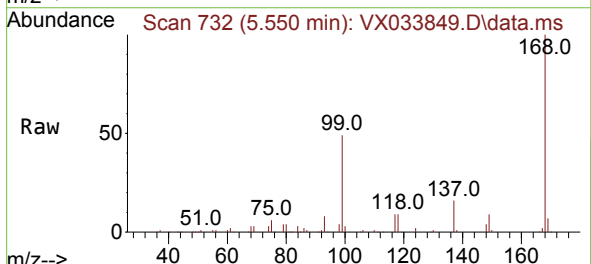
Instrument :
MSVOA_X
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PB150369ZHE#08

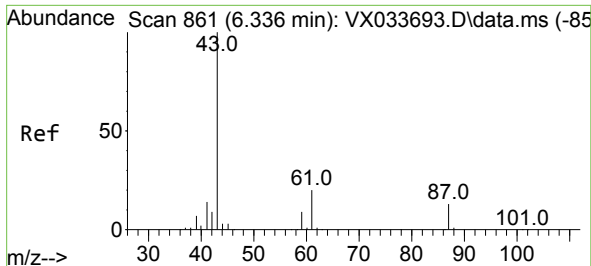
Tgt Ion:	43	Resp:	21273
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.1	16.7
70	10.8	8.5	12.7



#38
Carbon Tetrachloride
Concen: 6.133 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033849.D
Acq: 23 Jan 2023 15:10

Tgt Ion:	117	Resp:	13541
Ion	Ratio	Lower	Upper
117	100		
119	3.6	78.0	117.0#
121	0.0	24.4	36.6#

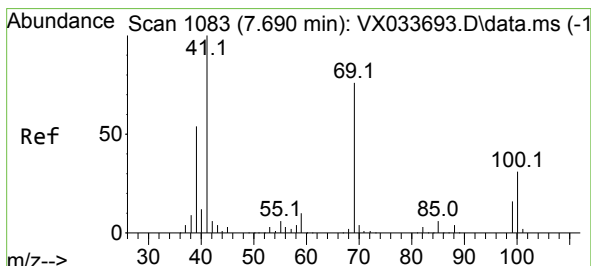
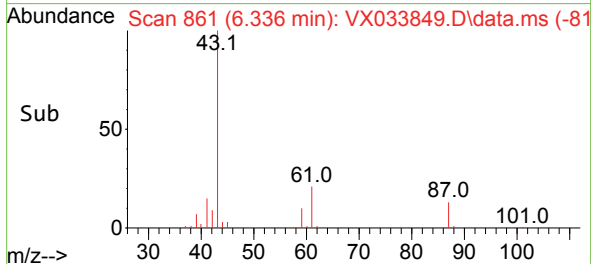
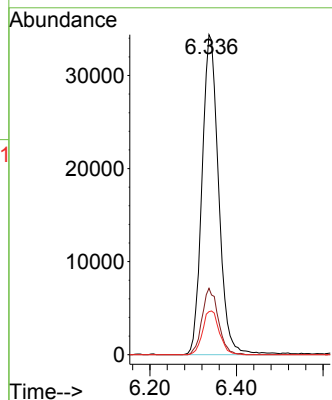
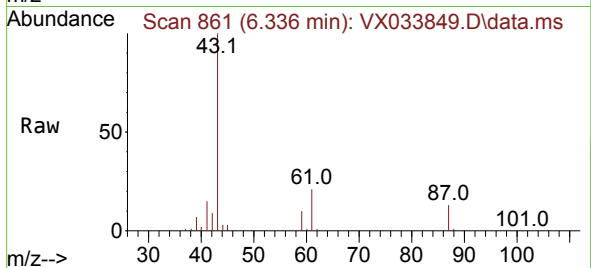




#43
Isopropyl Acetate
Concen: 27.179 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX033849.D
Acq: 23 Jan 2023 15:10

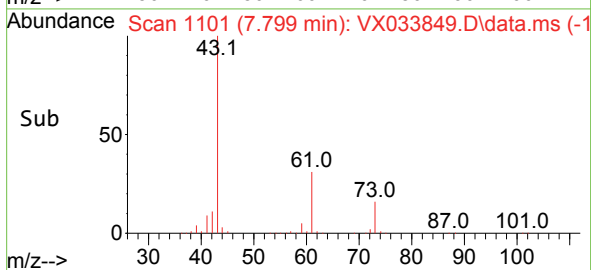
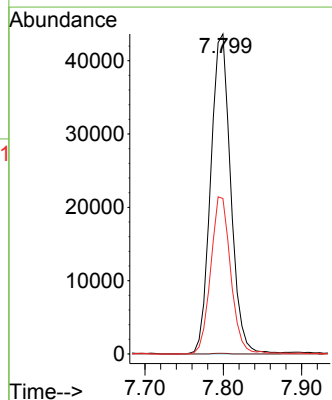
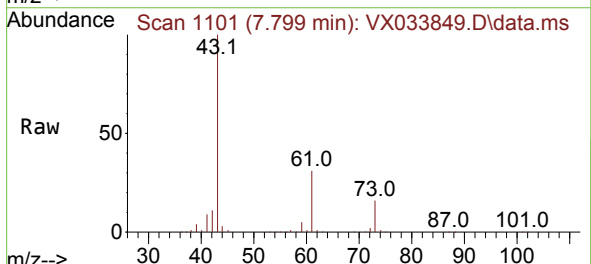
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#08

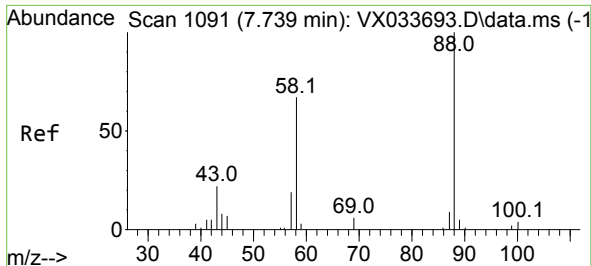
Tgt Ion: 43 Resp: 91466
Ion Ratio Lower Upper
43 100
61 20.3 15.7 23.5
87 13.7 10.6 15.8



#48
Methyl methacrylate
Concen: 45.749 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX033849.D
Acq: 23 Jan 2023 15:10

Tgt Ion: 41 Resp: 77555
Ion Ratio Lower Upper
41 100
69 0.2 63.1 94.7#
39 49.2 43.2 64.8

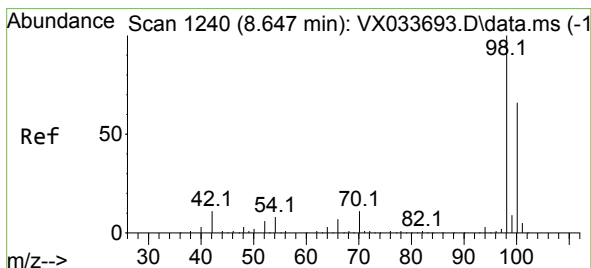
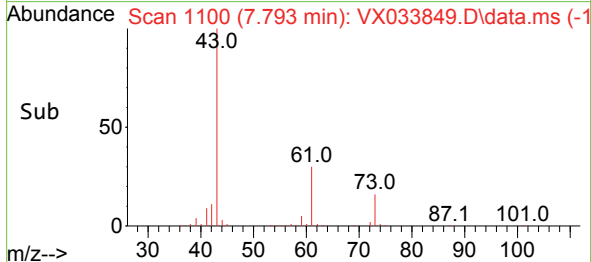
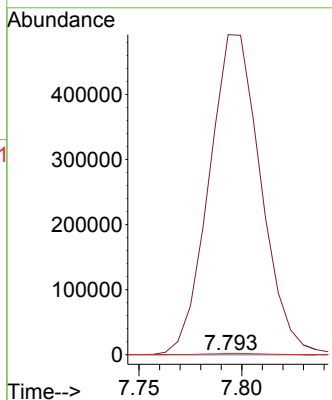
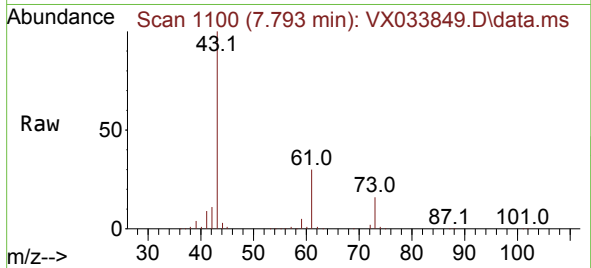




#49
1,4-Dioxane
Concen: 3.414 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.055 min
Lab File: VX033849.D
Acq: 23 Jan 2023 15:10

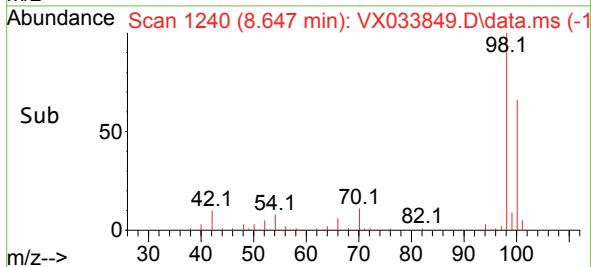
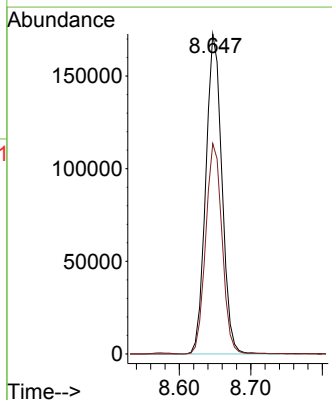
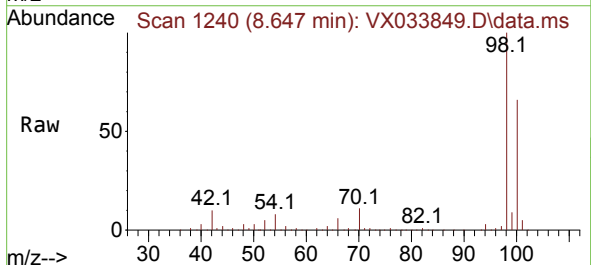
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#08

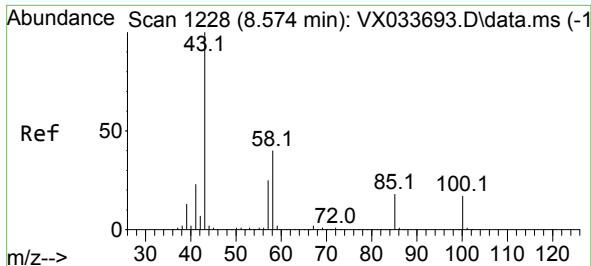
Tgt Ion: 88 Resp: 128
Ion Ratio Lower Upper
88 100
43 680347.7 0.0 0.0#
58 2918.0 56.5 84.7#



#50
Toluene-d8
Concen: 50.795 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033849.D
Acq: 23 Jan 2023 15:10

Tgt Ion: 98 Resp: 270321
Ion Ratio Lower Upper
98 100
100 66.7 53.6 80.4

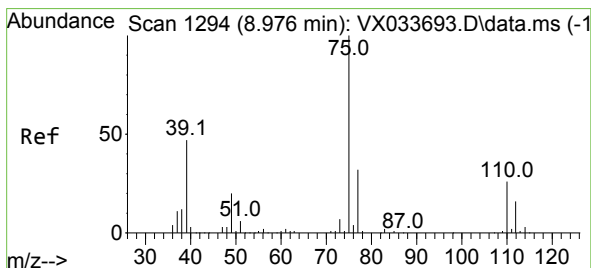
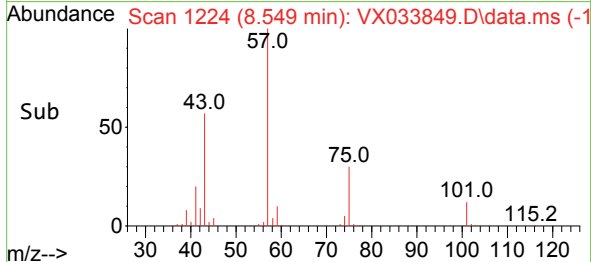
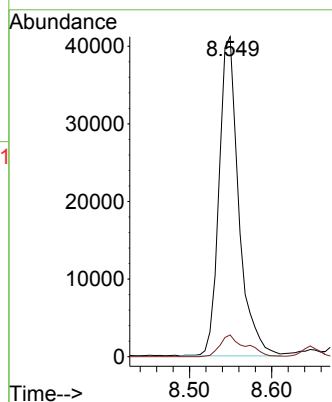
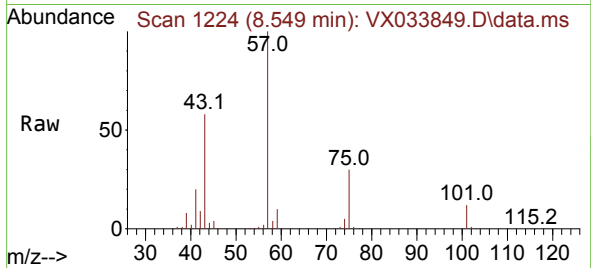




#51
4-Methyl-2-Pentanone
Concen: 33.096 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX033849.D
Acq: 23 Jan 2023 15:10

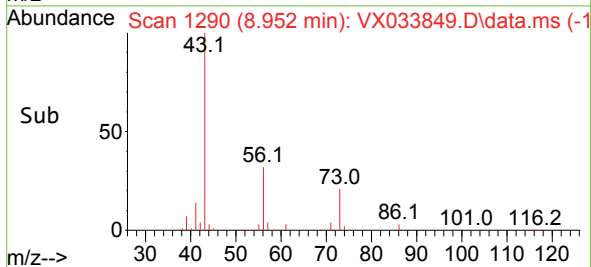
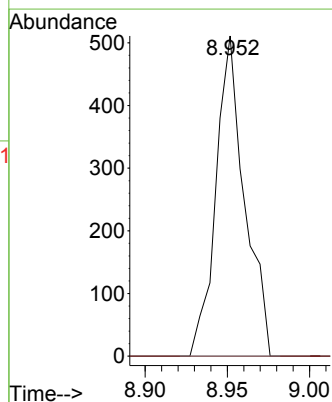
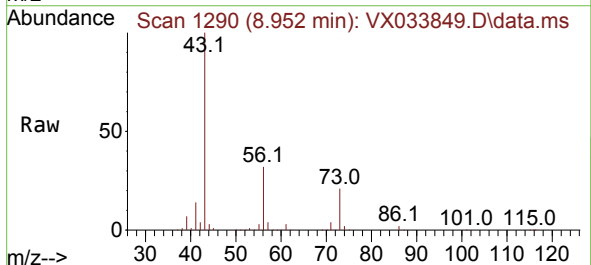
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#08

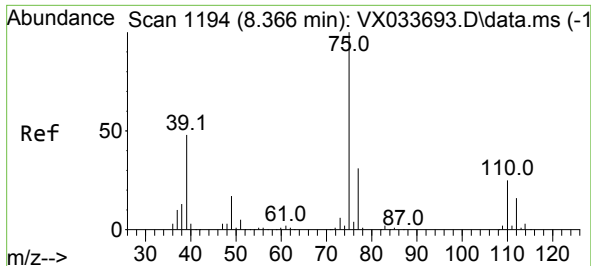
Tgt Ion: 43 Resp: 68402
Ion Ratio Lower Upper
43 100
58 8.9 31.2 46.8#



#53
t-1,3-Dichloropropene
Concen: 0.296 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX033849.D
Acq: 23 Jan 2023 15:10

Tgt Ion: 75 Resp: 620
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#

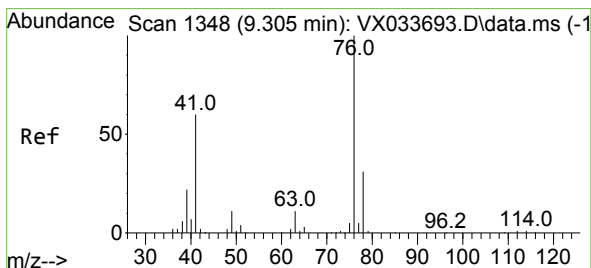
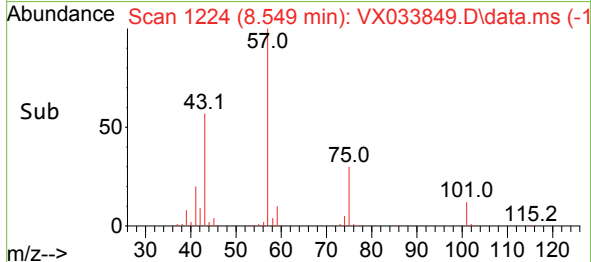
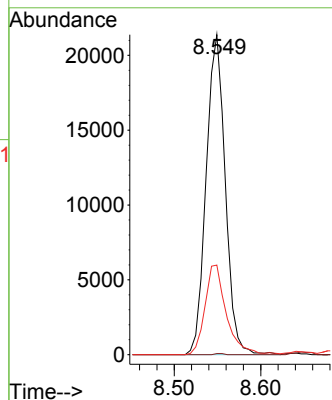
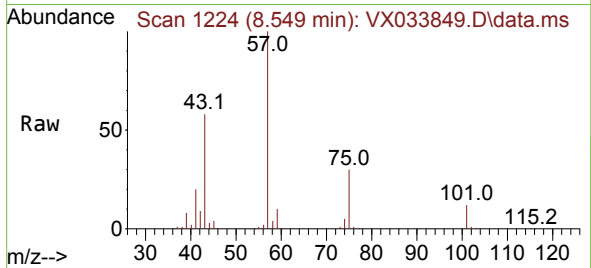




#54
cis-1,3-Dichloropropene
Concen: 13.964 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX033849.D
Acq: 23 Jan 2023 15:10

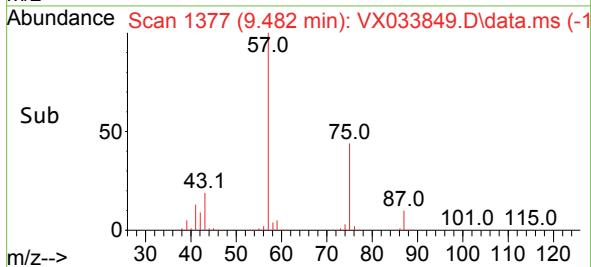
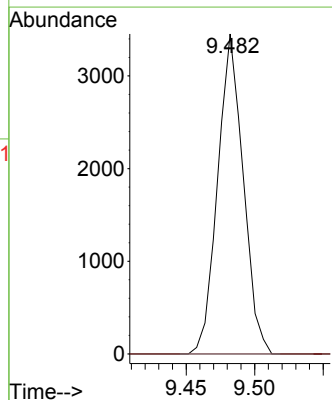
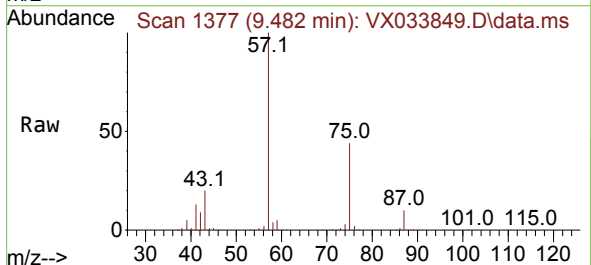
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#08

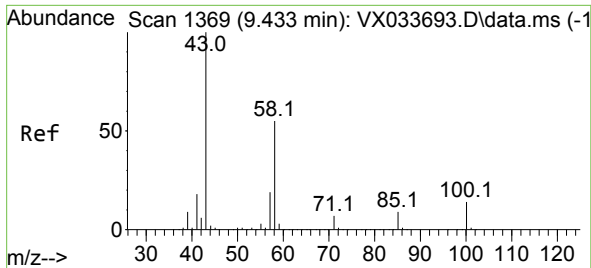
Tgt Ion: 75 Resp: 32784
Ion Ratio Lower Upper
75 100
77 0.3 25.0 37.6#
39 28.0 38.6 58.0#



#57
1,3-Dichloropropane
Concen: 1.735 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX033849.D
Acq: 23 Jan 2023 15:10

Tgt Ion: 76 Resp: 4469
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#

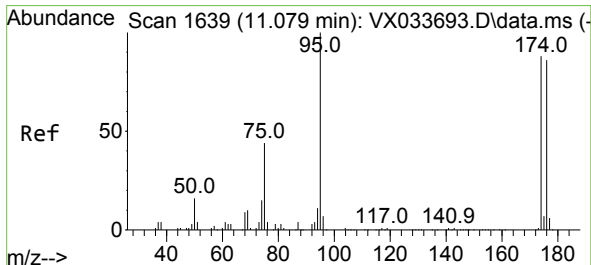
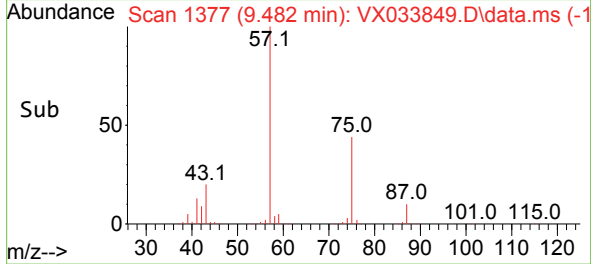
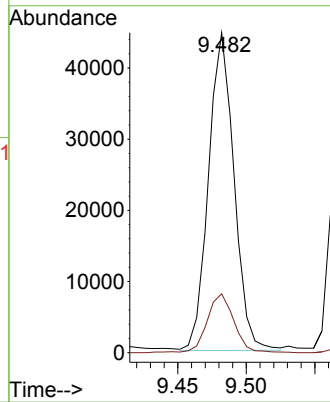
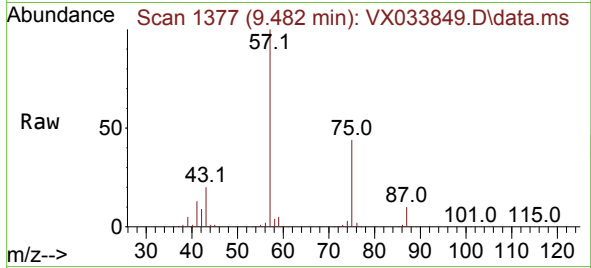




#59
2-Hexanone
Concen: 40.276 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX033849.D
Acq: 23 Jan 2023 15:10

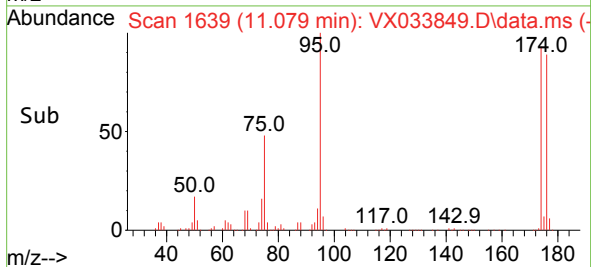
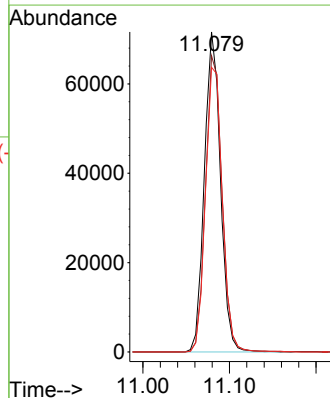
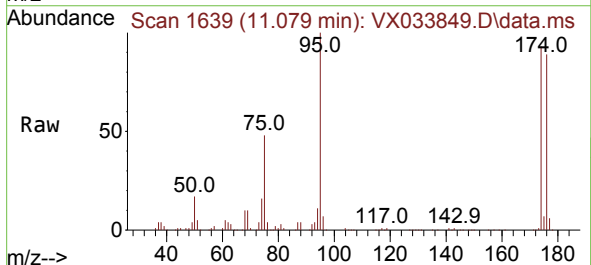
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#08

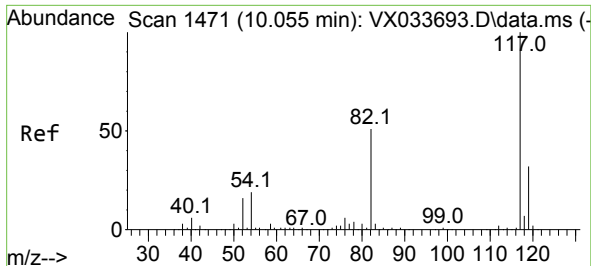
Tgt Ion: 43 Resp: 57937
Ion Ratio Lower Upper
43 100
58 19.5 27.4 82.0#



#62
4-Bromofluorobenzene
Concen: 46.871 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033849.D
Acq: 23 Jan 2023 15:10

Tgt Ion: 95 Resp: 92611
Ion Ratio Lower Upper
95 100
174 95.0 0.0 184.4
176 93.1 0.0 178.8

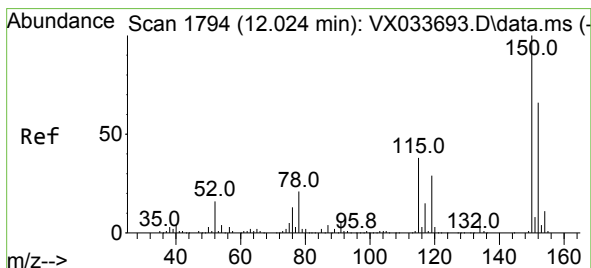
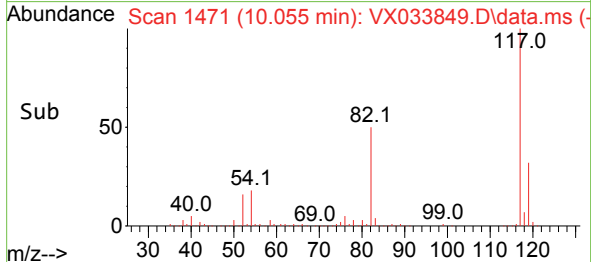
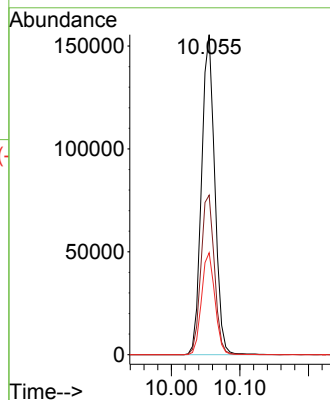
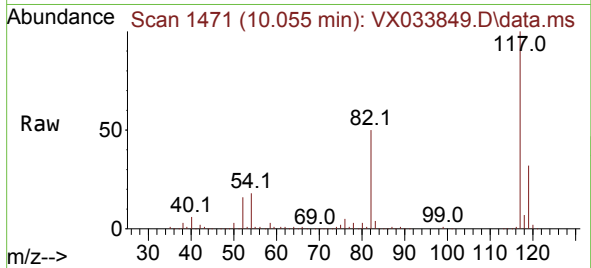




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033849.D
Acq: 23 Jan 2023 15:10

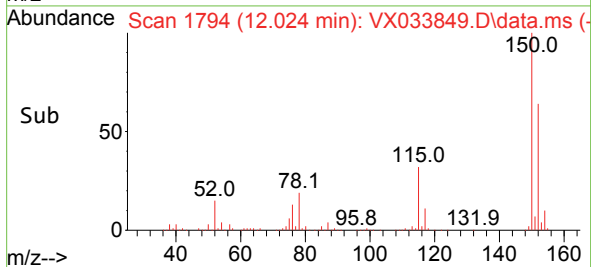
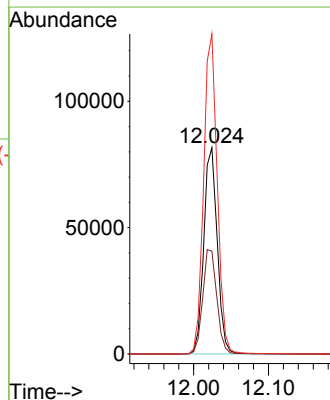
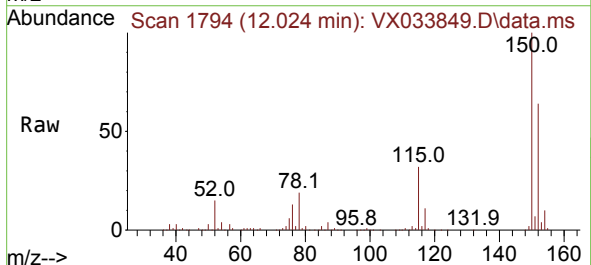
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#08

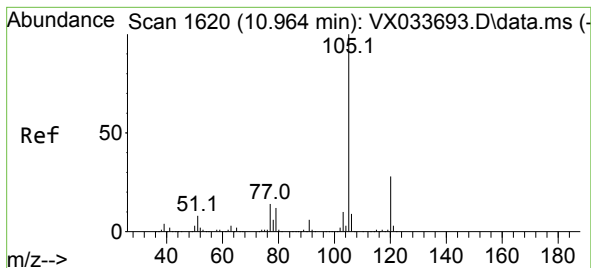
Tgt Ion:117 Resp: 209076
Ion Ratio Lower Upper
117 100
82 49.9 40.6 60.8
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033849.D
Acq: 23 Jan 2023 15:10

Tgt Ion:152 Resp: 102233
Ion Ratio Lower Upper
152 100
115 52.8 38.7 116.1
150 156.2 0.0 348.2





#73

Isopropylbenzene

Concen: Below Cal

RT: 11.079 min Scan# 1

Delta R.T. 0.115 min

Lab File: VX033849.D

Acq: 23 Jan 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

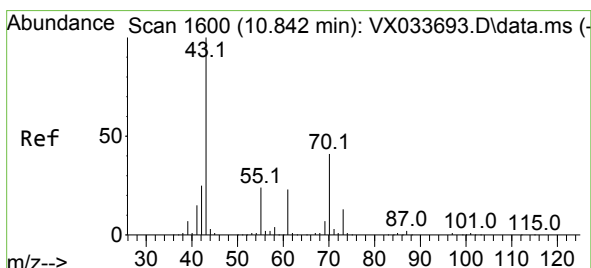
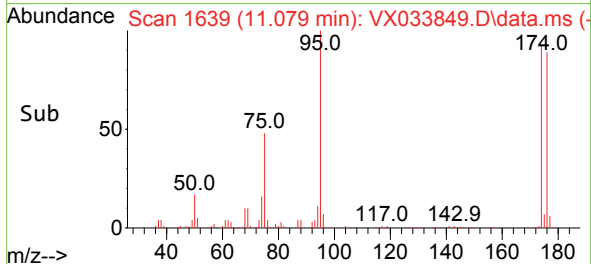
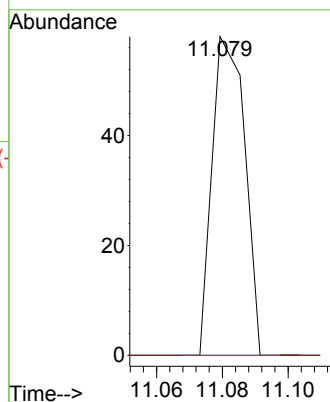
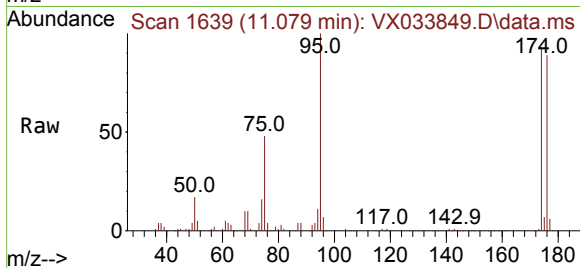
PB150369ZHE#08

Tgt Ion:105 Resp: 40

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#



#74

N-amy1 acetate

Concen: 8.332 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.201 min

Lab File: VX033849.D

Acq: 23 Jan 2023 15:10

Tgt Ion: 43 Resp: 22369

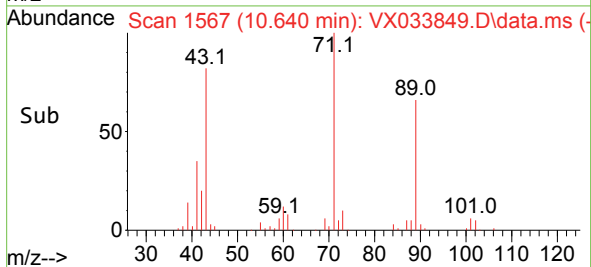
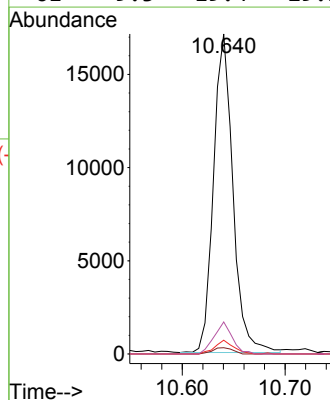
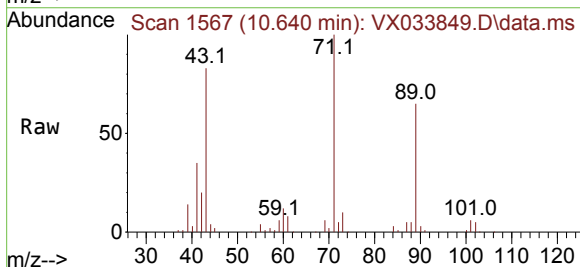
Ion Ratio Lower Upper

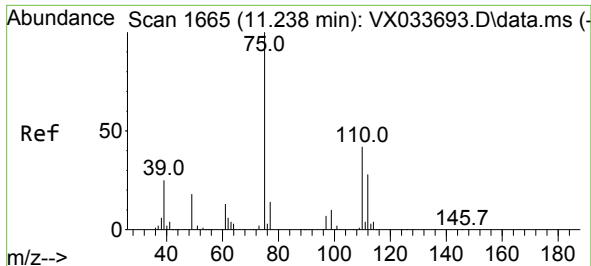
43 100

70 2.0 34.8 52.2#

55 4.1 19.4 29.0#

61 9.3 19.4 29.2#

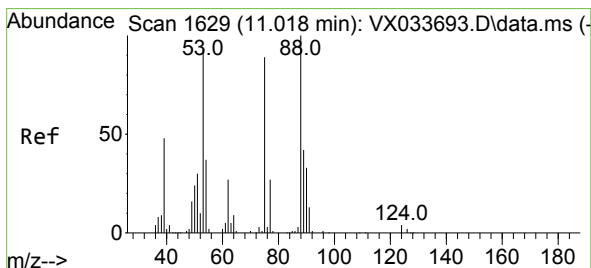
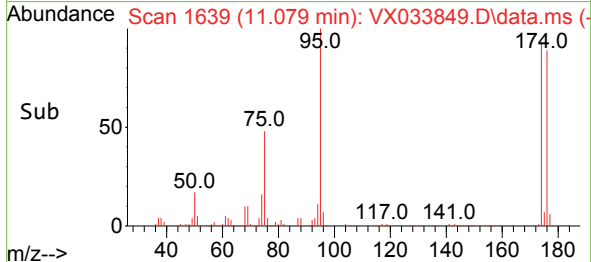
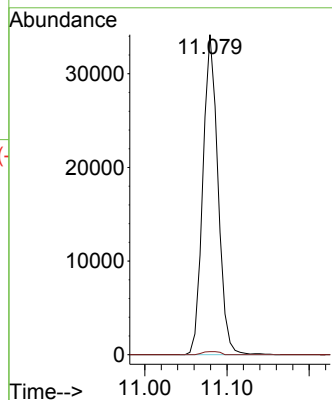
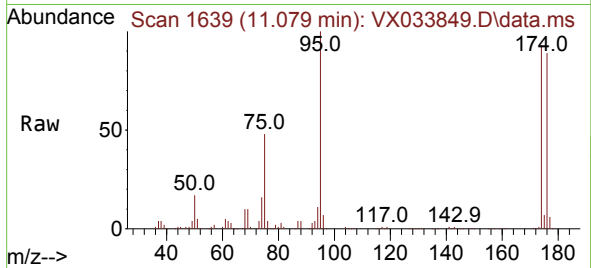




#76
1,2,3-Trichloropropane
Concen: 23.208 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033849.D
Acq: 23 Jan 2023 15:10

Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#08

Tgt Ion: 75 Resp: 43593
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.127 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033849.D
Acq: 23 Jan 2023 15:10

Tgt Ion: 75 Resp: 43593
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

