

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030823\
 Data File : VX034377.D
 Acq On : 08 Mar 2023 11:53
 Operator : JC/MD
 Sample : 01817-01ME
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-04-03032023

Quant Time: Mar 09 03:56:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

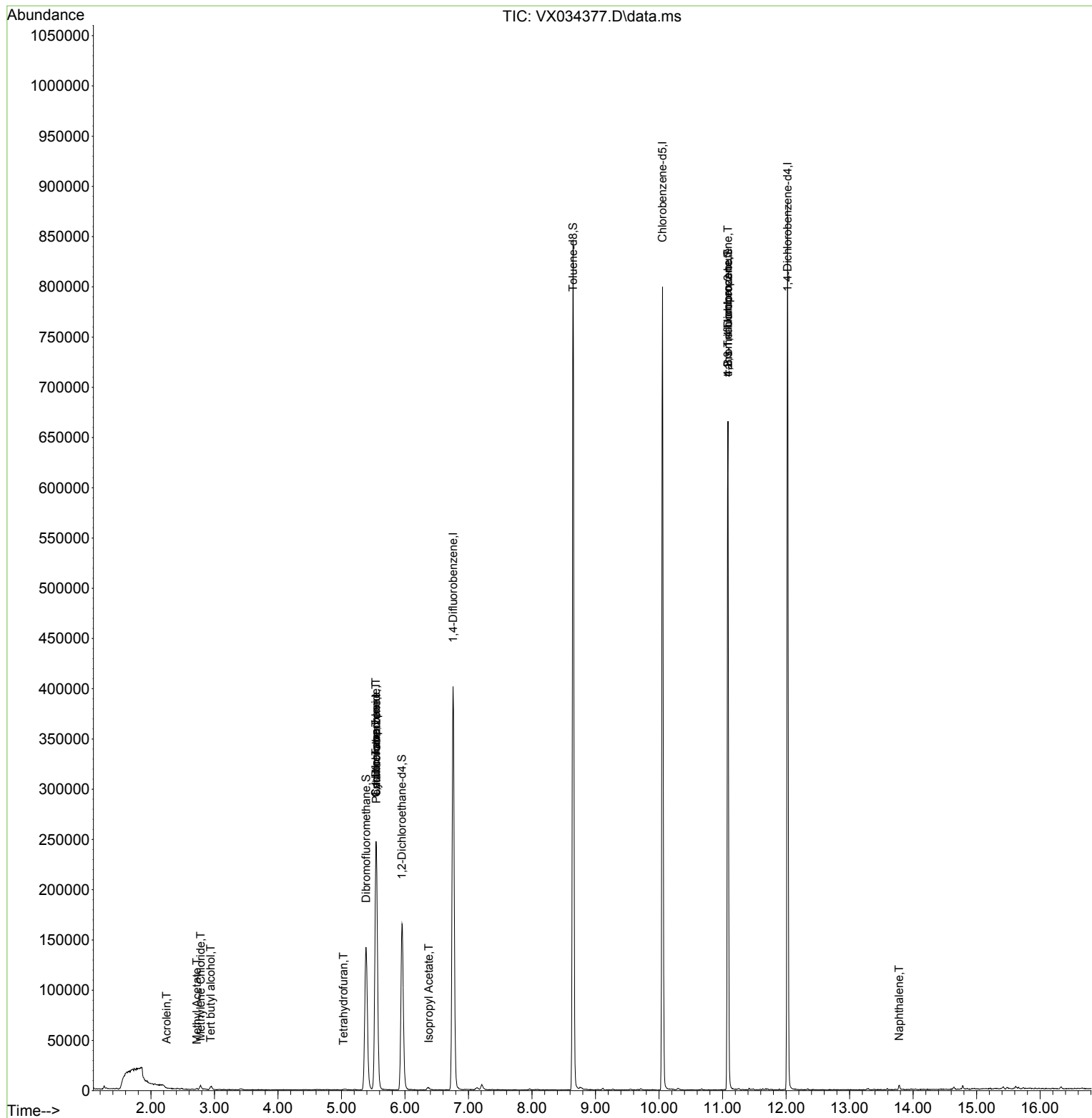
Internal Standards						
1) Pentafluorobenzene	5.550	168	245042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	413707	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	153636	46.554	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.100%
35) Dibromofluoromethane	5.385	113	125867	46.728	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.460%
50) Toluene-d8	8.647	98	497408	51.433	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.860%
62) 4-Bromofluorobenzene	11.085	95	182330	49.289	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.580%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	473	Below Cal	#	74
11) Tert butyl alcohol	2.940	59	1918	2.598	ug/l #	92
13) Acrolein	2.245	56	101	0.300	ug/l #	30
18) Methyl Acetate	2.721	43	1263	0.240	ug/l #	78
20) Methylene Chloride	2.782	84	1974	0.644	ug/l	96
29) Tetrahydrofuran	5.032	42	344	0.229	ug/l #	34
31) Cyclohexane	5.544	56	5640	1.145	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	19024	4.776	ug/l #	49
38) Carbon Tetrachloride	5.544	117	23841	5.816	ug/l #	15
43) Isopropyl Acetate	6.373	43	1656	0.211	ug/l #	61
76) 1,2,3-Trichloropropane	11.085	75	93578	20.739	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	93578	53.277	ug/l #	8
95) Naphthalene	13.780	128	3624	0.278	ug/l	96

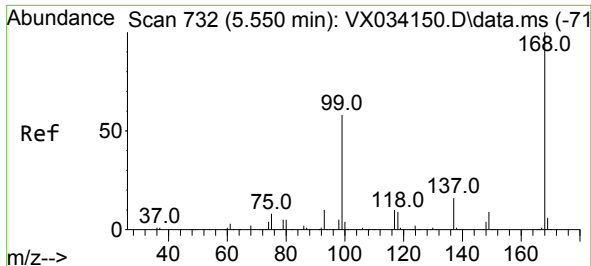
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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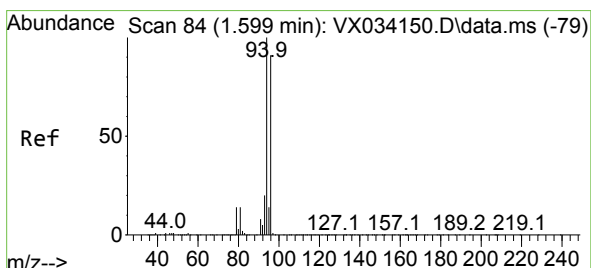
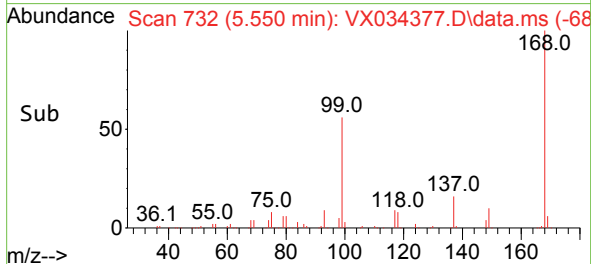
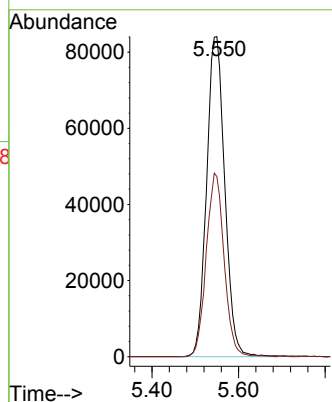
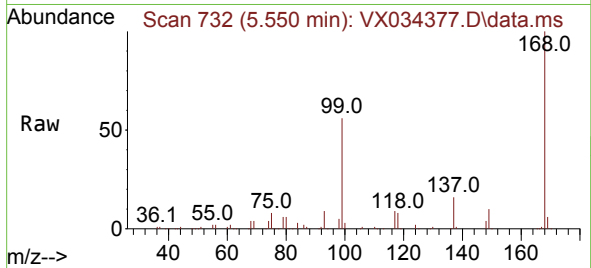




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034377.D
Acq: 08 Mar 2023 11:53

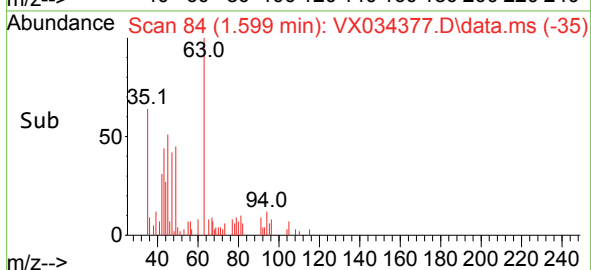
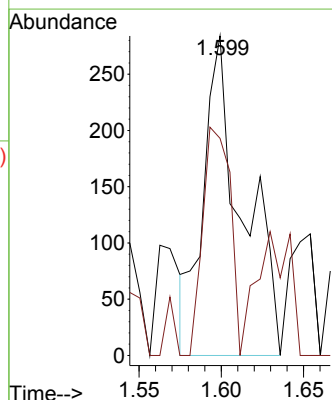
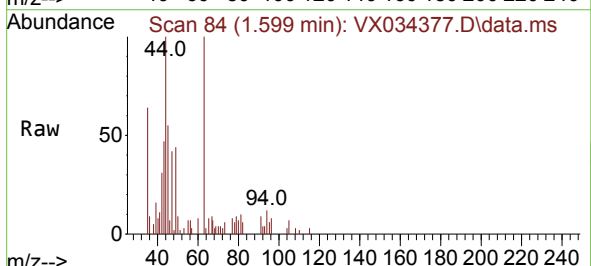
Instrument :
MSVOA_X
ClientSampleId :
PL-04-03032023

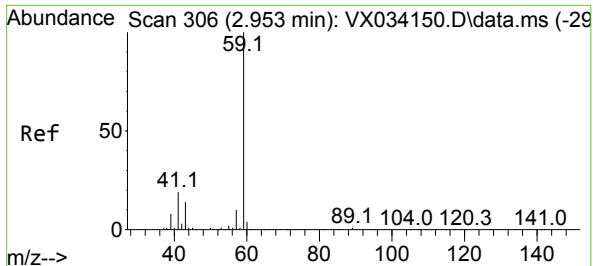
Tgt Ion:168 Resp: 245042
Ion Ratio Lower Upper
168 100
99 56.3 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034377.D
Acq: 08 Mar 2023 11:53

Tgt Ion: 94 Resp: 473
Ion Ratio Lower Upper
94 100
96 68.0 74.3 111.5#





#11

Tert butyl alcohol

Concen: 2.598 ug/l

RT: 2.940 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX034377.D

Acq: 08 Mar 2023 11:53

Instrument :

MSVOA_X

ClientSampleId :

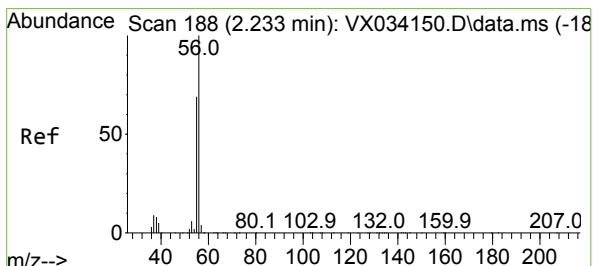
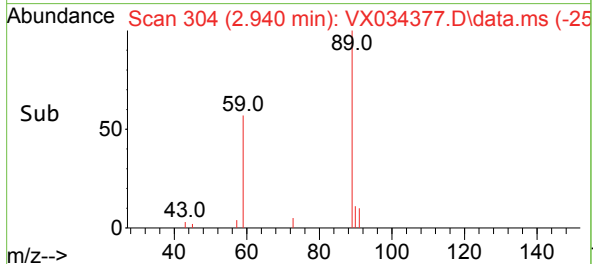
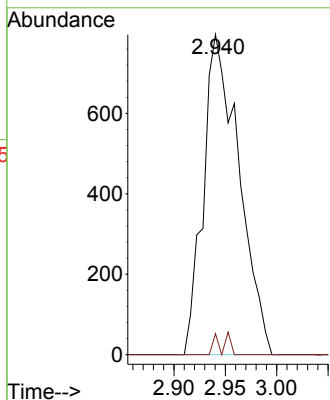
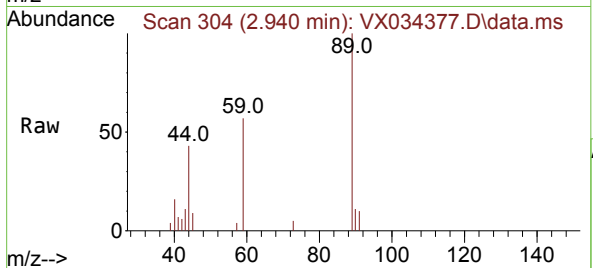
PL-04-03032023

Tgt Ion: 59 Resp: 1918

Ion Ratio Lower Upper

59 100

57 2.1 3.7 5.5#



#13

Acrolein

Concen: 0.300 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.012 min

Lab File: VX034377.D

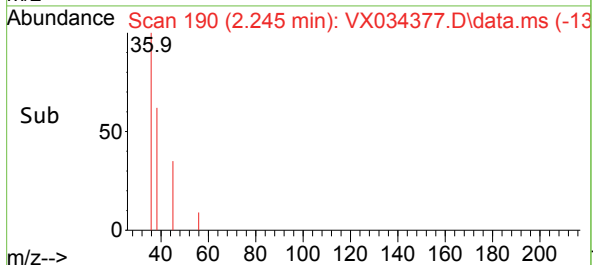
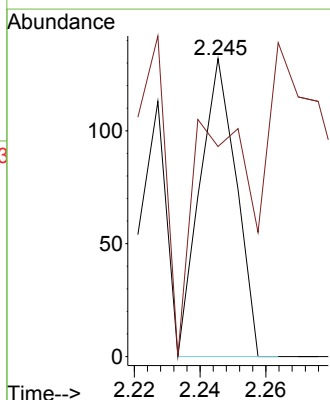
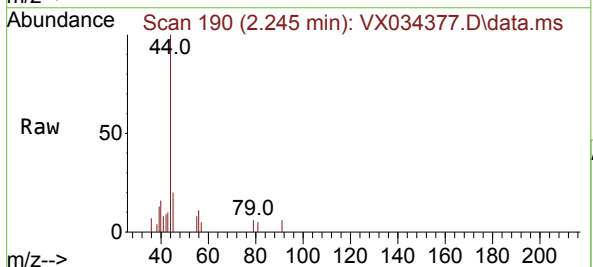
Acq: 08 Mar 2023 11:53

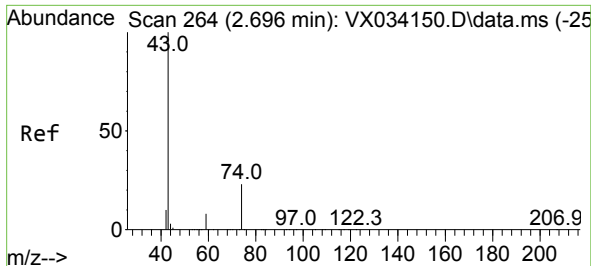
Tgt Ion: 56 Resp: 101

Ion Ratio Lower Upper

56 100

55 127.7 56.3 84.5#

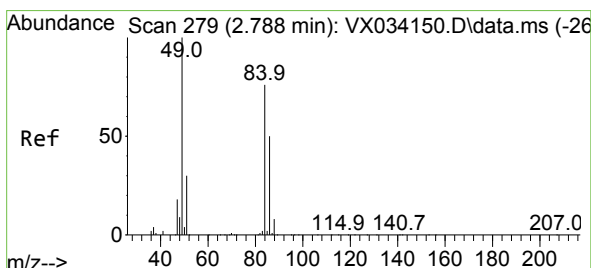
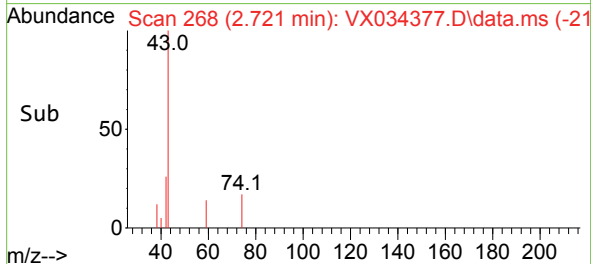
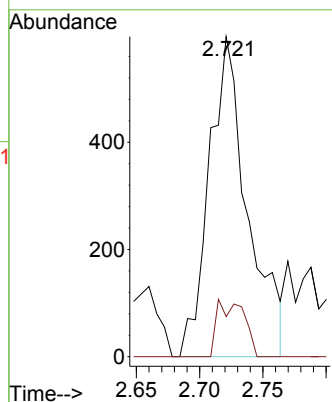
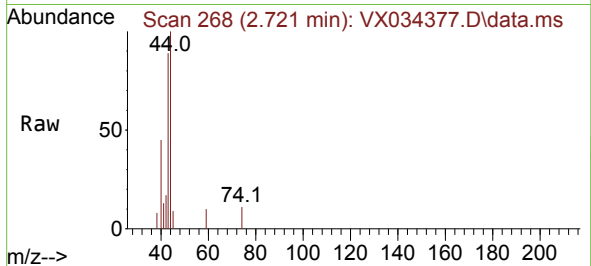




#18
Methyl Acetate
Concen: 0.240 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.024 min
Lab File: VX034377.D
Acq: 08 Mar 2023 11:53

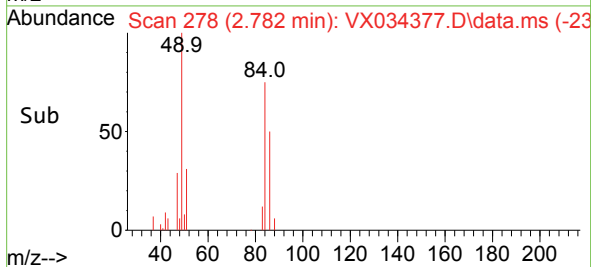
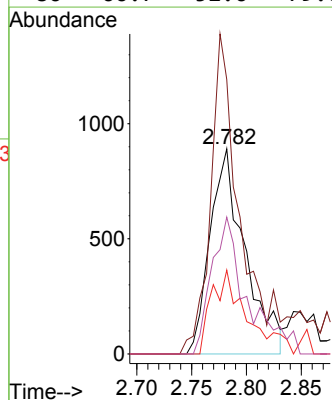
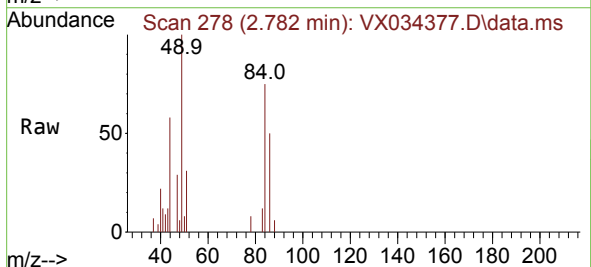
Instrument :
MSVOA_X
ClientSampleId :
PL-04-03032023

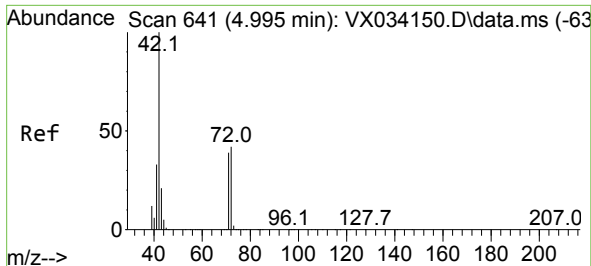
Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
74 12.4 18.2 27.4#



#20
Methylene Chloride
Concen: 0.644 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX034377.D
Acq: 08 Mar 2023 11:53

Tgt Ion: 84 Resp: 1974
Ion Ratio Lower Upper
84 100
49 133.8 101.1 151.7
51 40.9 31.0 46.6
86 66.7 52.6 79.0

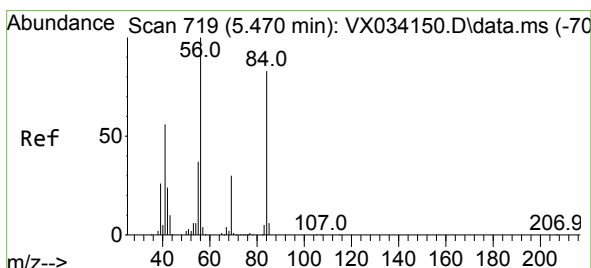
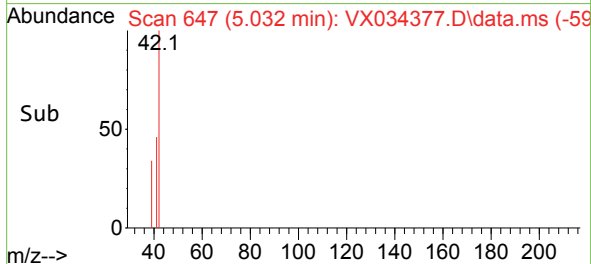
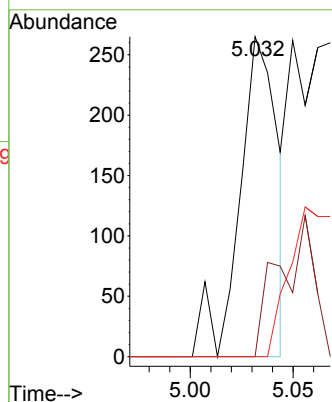
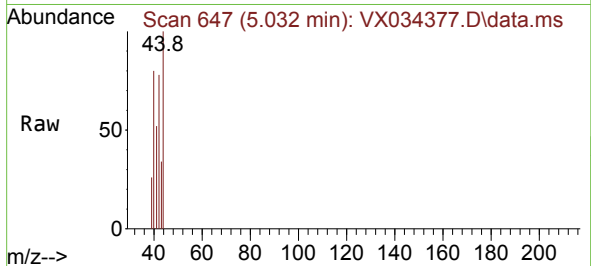




#29
Tetrahydrofuran
Concen: 0.229 ug/l
RT: 5.032 min Scan# 641
Delta R.T. 0.037 min
Lab File: VX034377.D
Acq: 08 Mar 2023 11:53

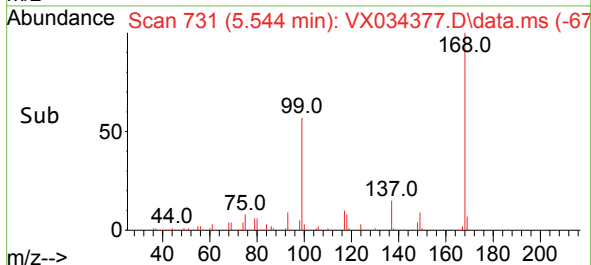
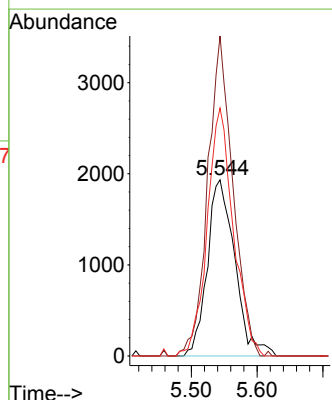
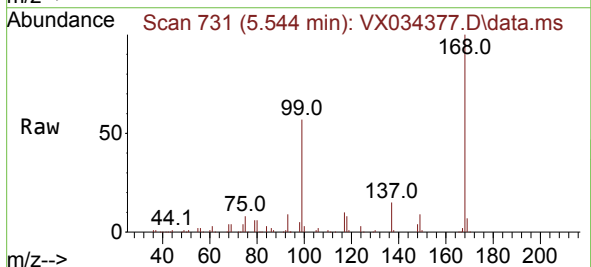
Instrument :
MSVOA_X
ClientSampleId :
PL-04-03032023

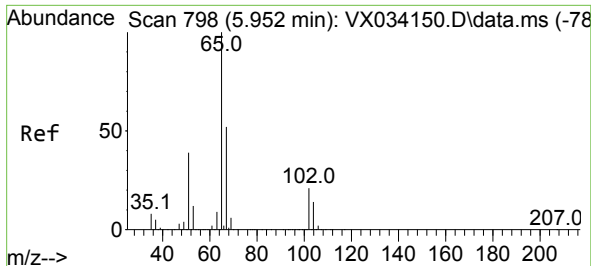
Tgt Ion: 42 Resp: 344
Ion Ratio Lower Upper
42 100
72 0.0 34.8 52.2#
71 0.0 32.2 48.2#



#31
Cyclohexane
Concen: 1.145 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX034377.D
Acq: 08 Mar 2023 11:53

Tgt Ion: 56 Resp: 5640
Ion Ratio Lower Upper
56 100
69 181.6 24.6 37.0#
84 140.6 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 46.554 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034377.D

Acq: 08 Mar 2023 11:53

Instrument :

MSVOA_X

ClientSampleId :

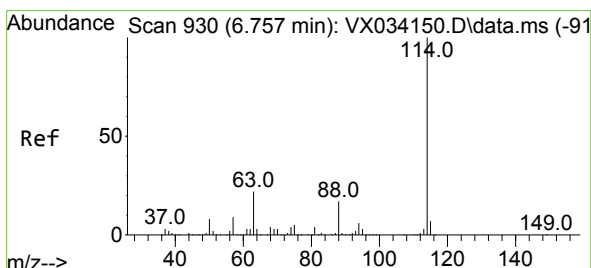
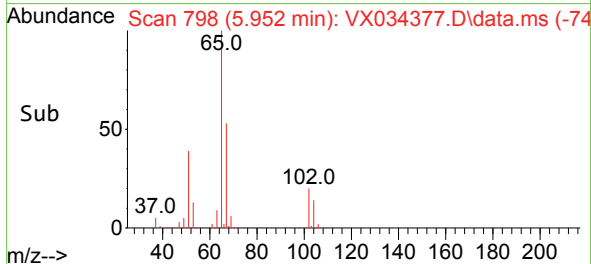
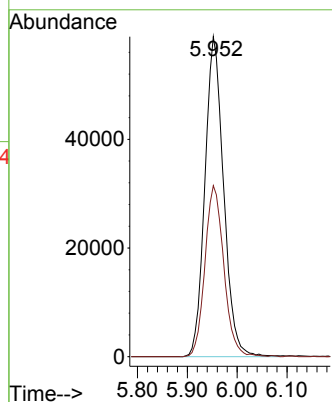
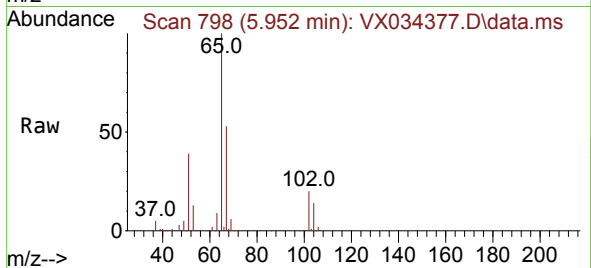
PL-04-03032023

Tgt Ion: 65 Resp: 153636

Ion Ratio Lower Upper

65 100

67 53.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034377.D

Acq: 08 Mar 2023 11:53

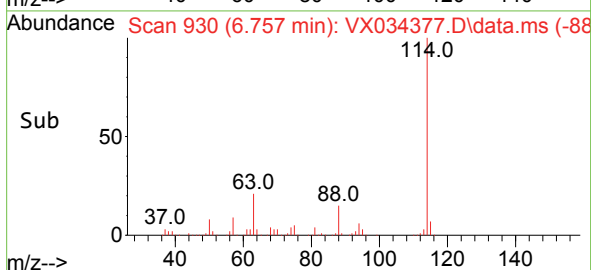
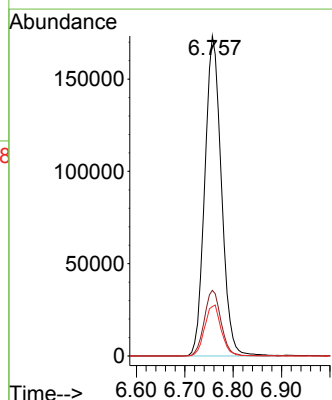
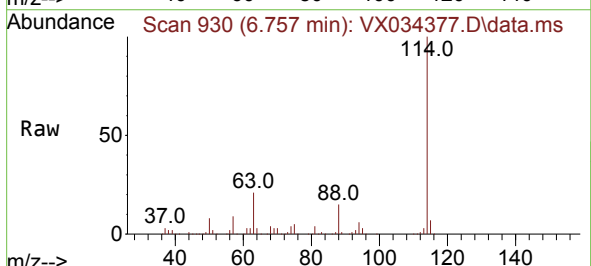
Tgt Ion: 114 Resp: 413707

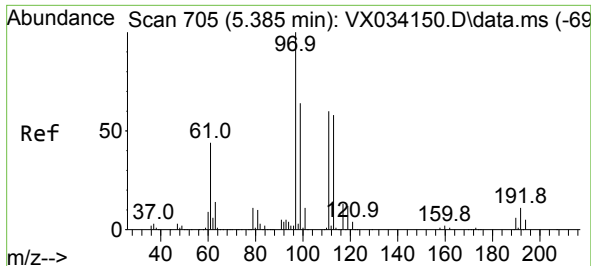
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.4 0.0 30.6

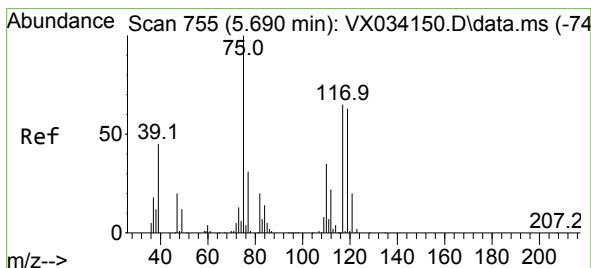
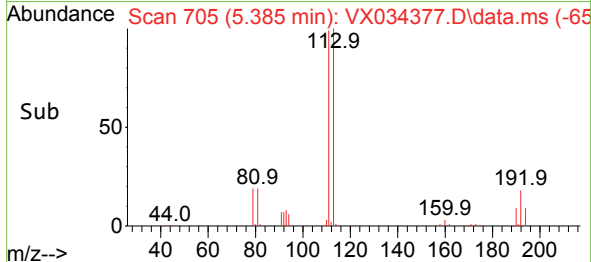
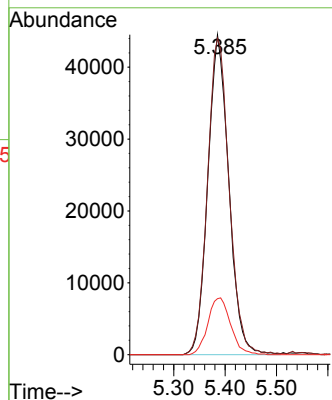
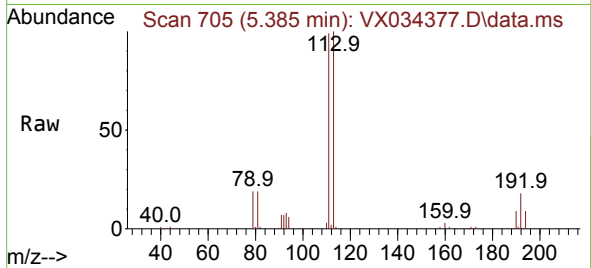




#35
Dibromofluoromethane
Concen: 46.728 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034377.D
Acq: 08 Mar 2023 11:53

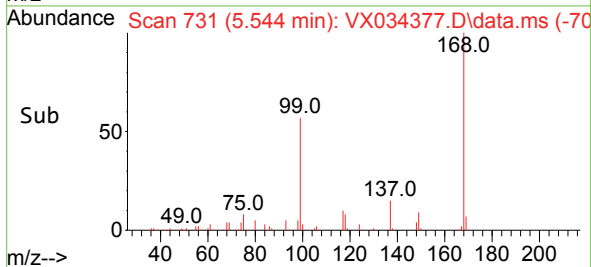
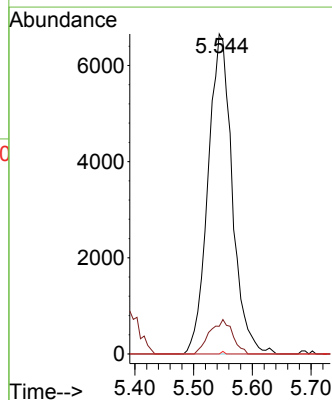
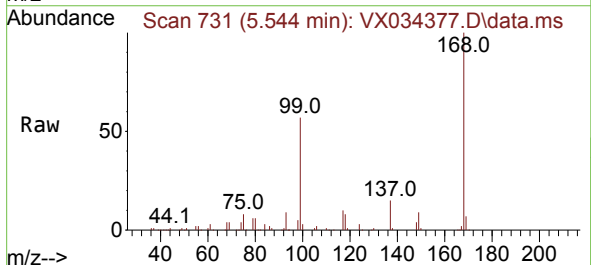
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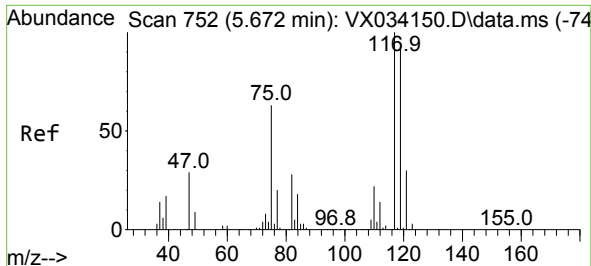
Tgt Ion:113 Resp: 125867
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.6
192 19.3 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.776 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX034377.D
Acq: 08 Mar 2023 11:53

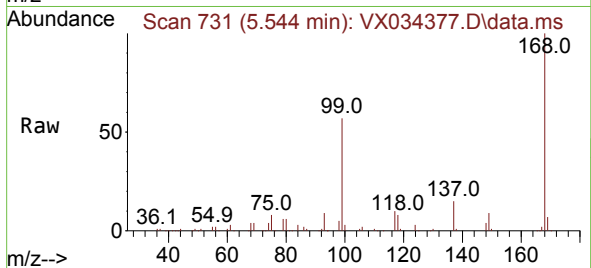
Tgt Ion: 75 Resp: 19024
Ion Ratio Lower Upper
75 100
110 10.1 18.8 56.4#
77 0.1 25.1 37.7#



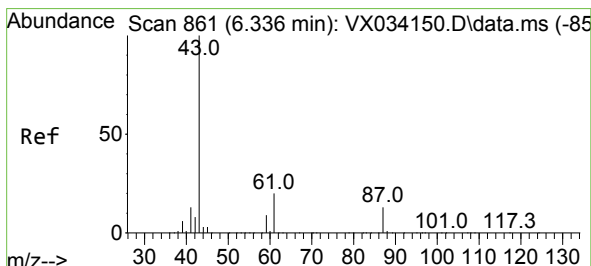
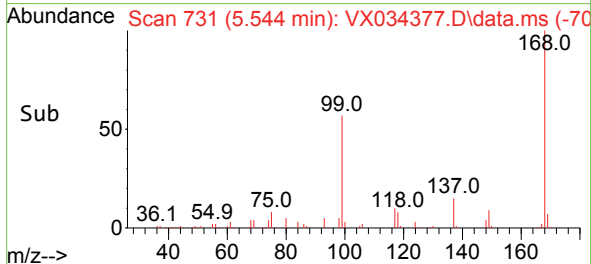
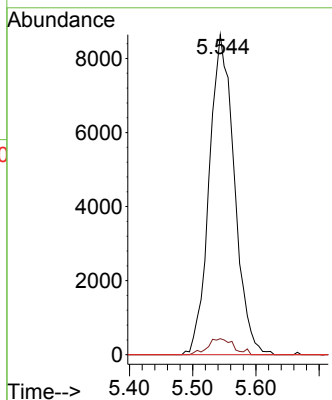


#38
Carbon Tetrachloride
Concen: 5.816 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034377.D
Acq: 08 Mar 2023 11:53

Instrument :
MSVOA_X
ClientSampleId :
PL-04-03032023

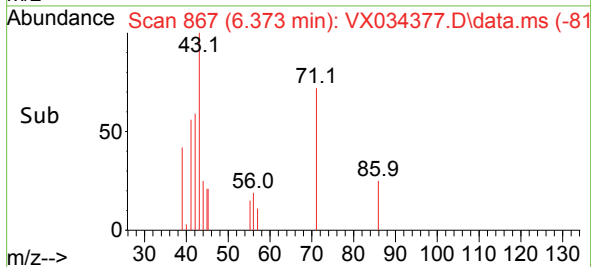
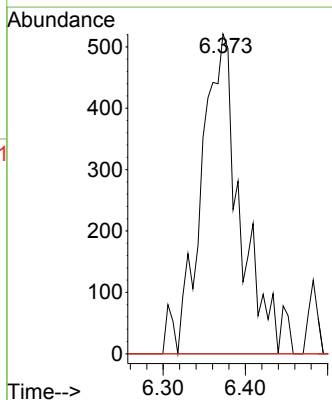
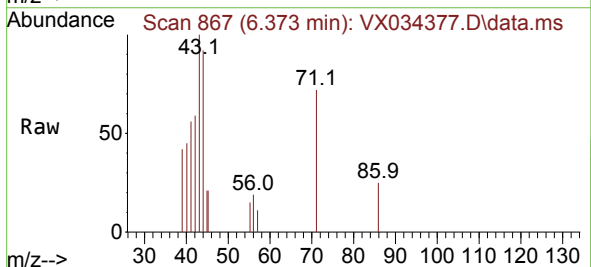


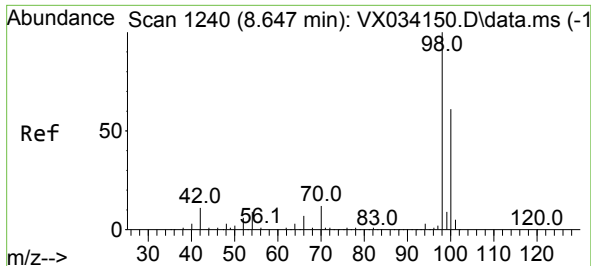
Tgt Ion:117 Resp: 23841
Ion Ratio Lower Upper
117 100
119 5.0 78.0 117.0#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.211 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.037 min
Lab File: VX034377.D
Acq: 08 Mar 2023 11:53

Tgt Ion: 43 Resp: 1656
Ion Ratio Lower Upper
43 100
61 0.0 15.7 23.5#
87 0.0 10.6 15.8#

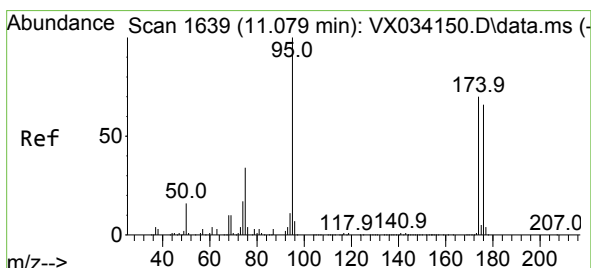
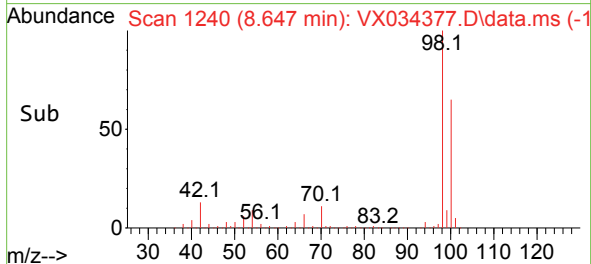
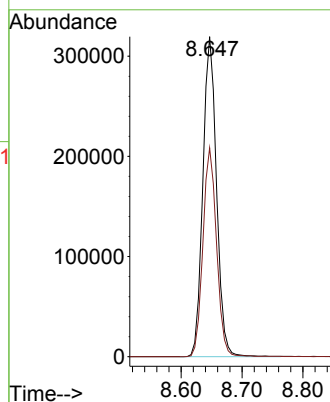
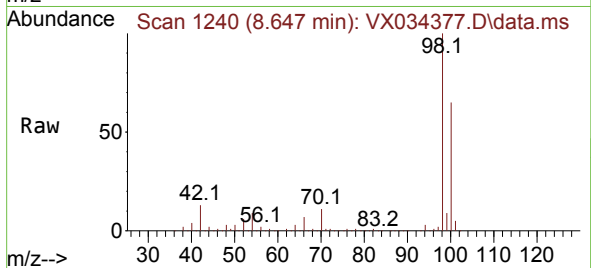




#50
Toluene-d8
Concen: 51.433 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034377.D
Acq: 08 Mar 2023 11:53

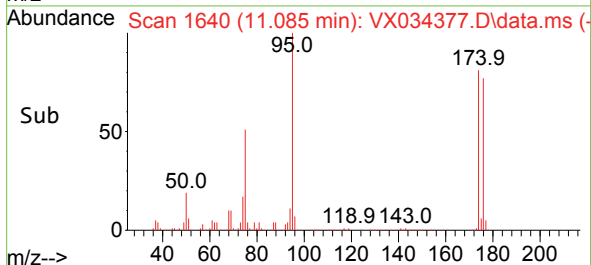
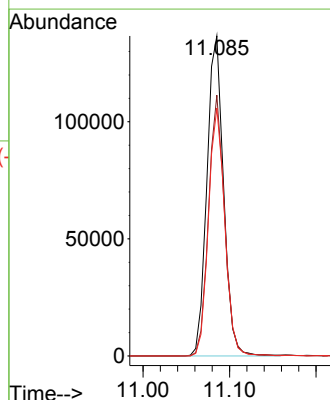
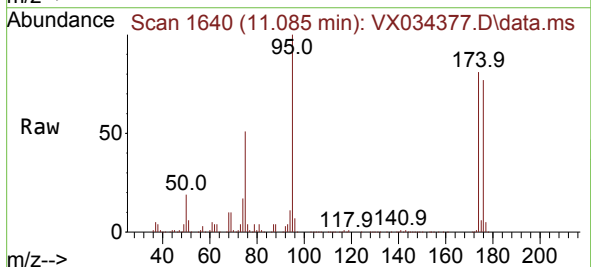
Instrument :
MSVOA_X
ClientSampleId :
PL-04-03032023

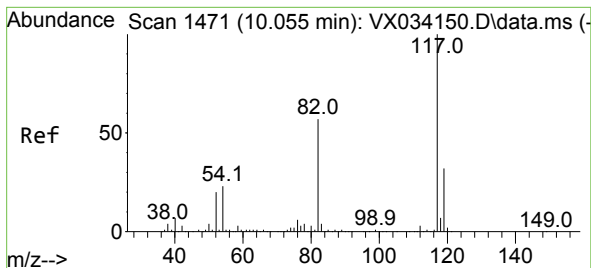
Tgt Ion: 98 Resp: 497408
Ion Ratio Lower Upper
98 100
100 65.1 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 49.289 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX034377.D
Acq: 08 Mar 2023 11:53

Tgt Ion: 95 Resp: 182330
Ion Ratio Lower Upper
95 100
174 79.0 0.0 184.4
176 76.0 0.0 178.8

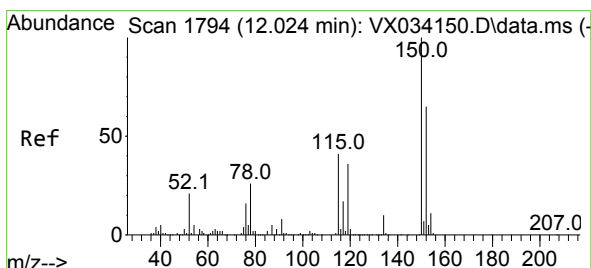
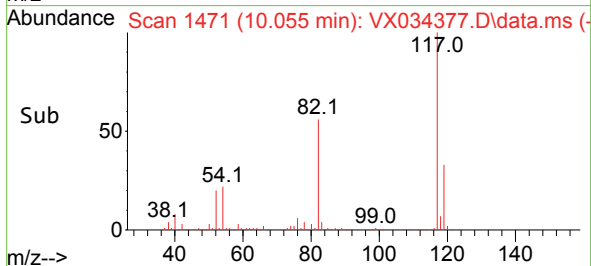
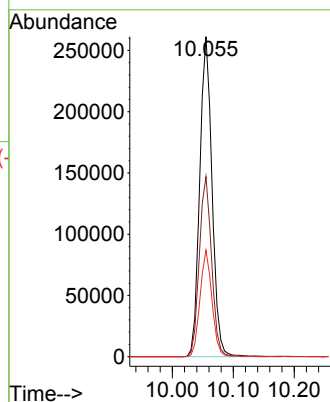
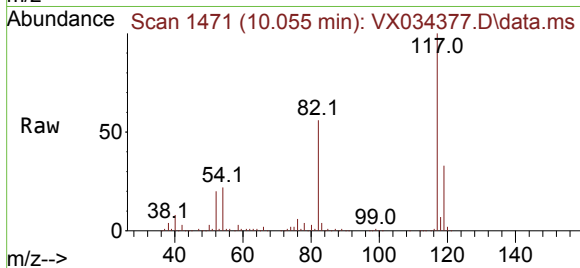




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034377.D
Acq: 08 Mar 2023 11:53

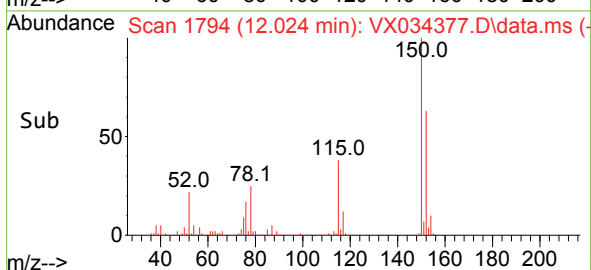
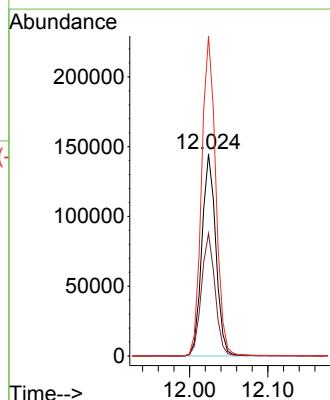
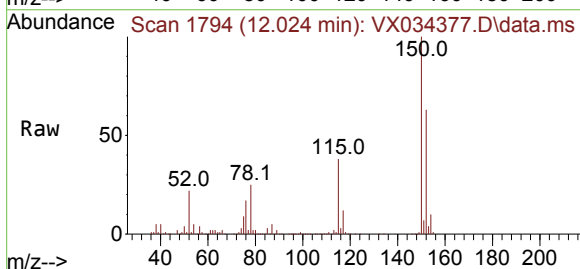
Instrument :
MSVOA_X
ClientSampleId :
PL-04-03032023

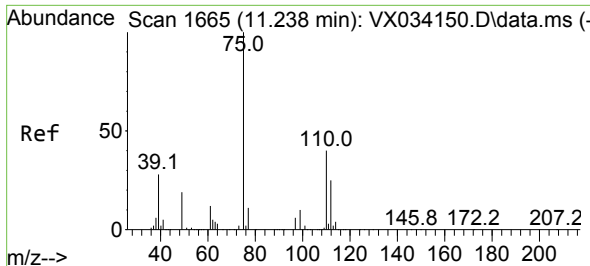
Tgt Ion:117 Resp: 367107
Ion Ratio Lower Upper
117 100
82 56.3 40.6 60.8
119 33.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034377.D
Acq: 08 Mar 2023 11:53

Tgt Ion:152 Resp: 179317
Ion Ratio Lower Upper
152 100
115 59.6 38.7 116.1
150 160.7 0.0 348.2

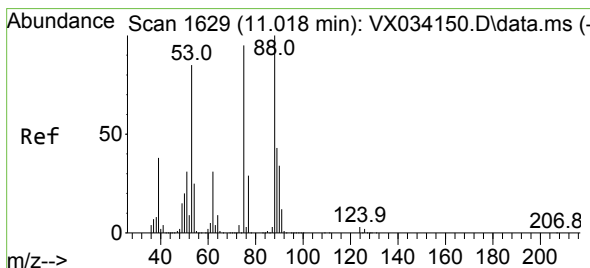
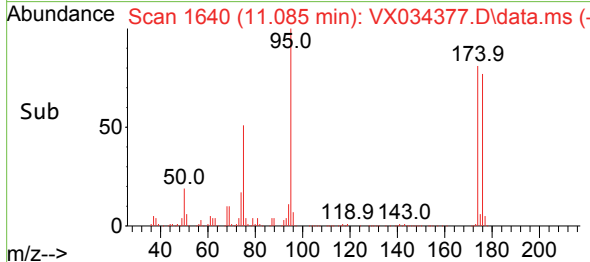
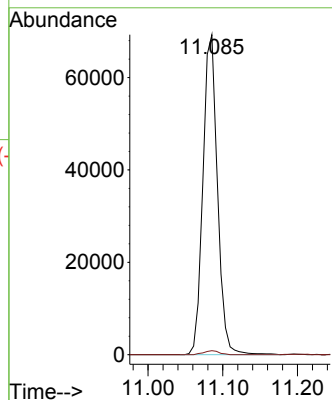
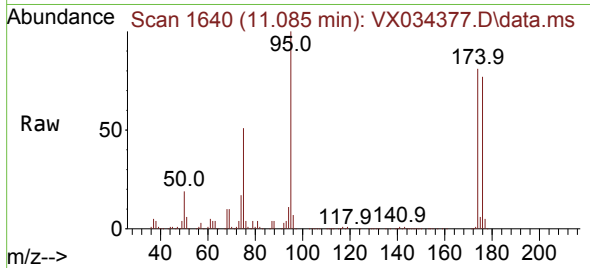




#76
1,2,3-Trichloropropane
Concen: 20.739 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX034377.D
Acq: 08 Mar 2023 11:53

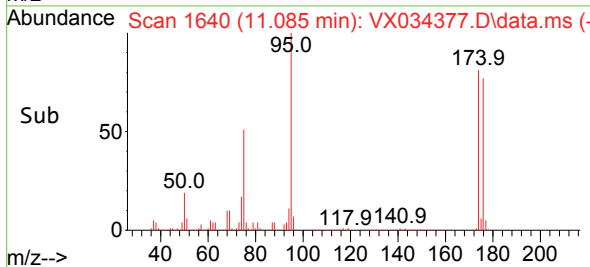
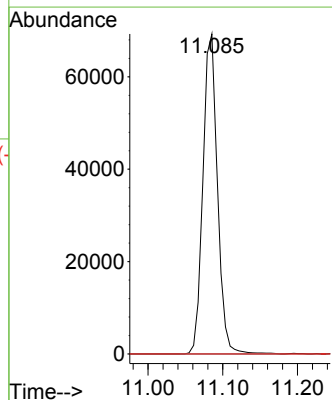
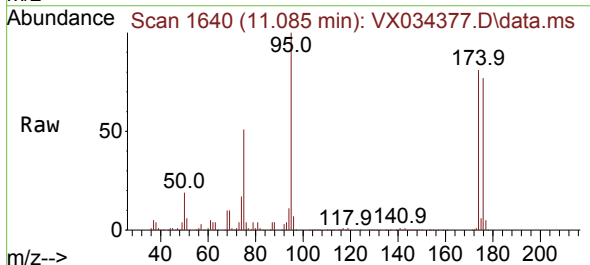
Instrument :
MSVOA_X
ClientSampleId :
PL-04-03032023

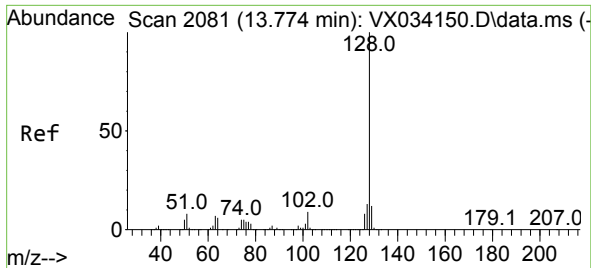
Tgt Ion: 75 Resp: 93578
Ion Ratio Lower Upper
75 100
77 1.3 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.277 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX034377.D
Acq: 08 Mar 2023 11:53

Tgt Ion: 75 Resp: 93578
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#





#95

Naphthalene

Concen: 0.278 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX034377.D

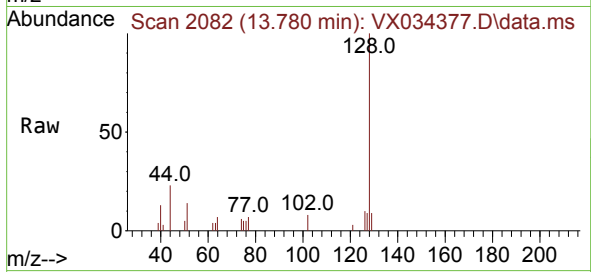
Acq: 08 Mar 2023 11:53

Instrument :

MSVOA_X

ClientSampleId :

PL-04-03032023



Tgt Ion:128 Resp: 3624

Ion Ratio Lower Upper

128 100

127 11.5 10.3 15.5

129 9.1 8.7 13.1

