

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
 Data File : VX035049.D
 Acq On : 12 Apr 2023 16:37
 Operator : JC/MD
 Sample : 02286-01
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 23329

Quant Time: Apr 13 02:37:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

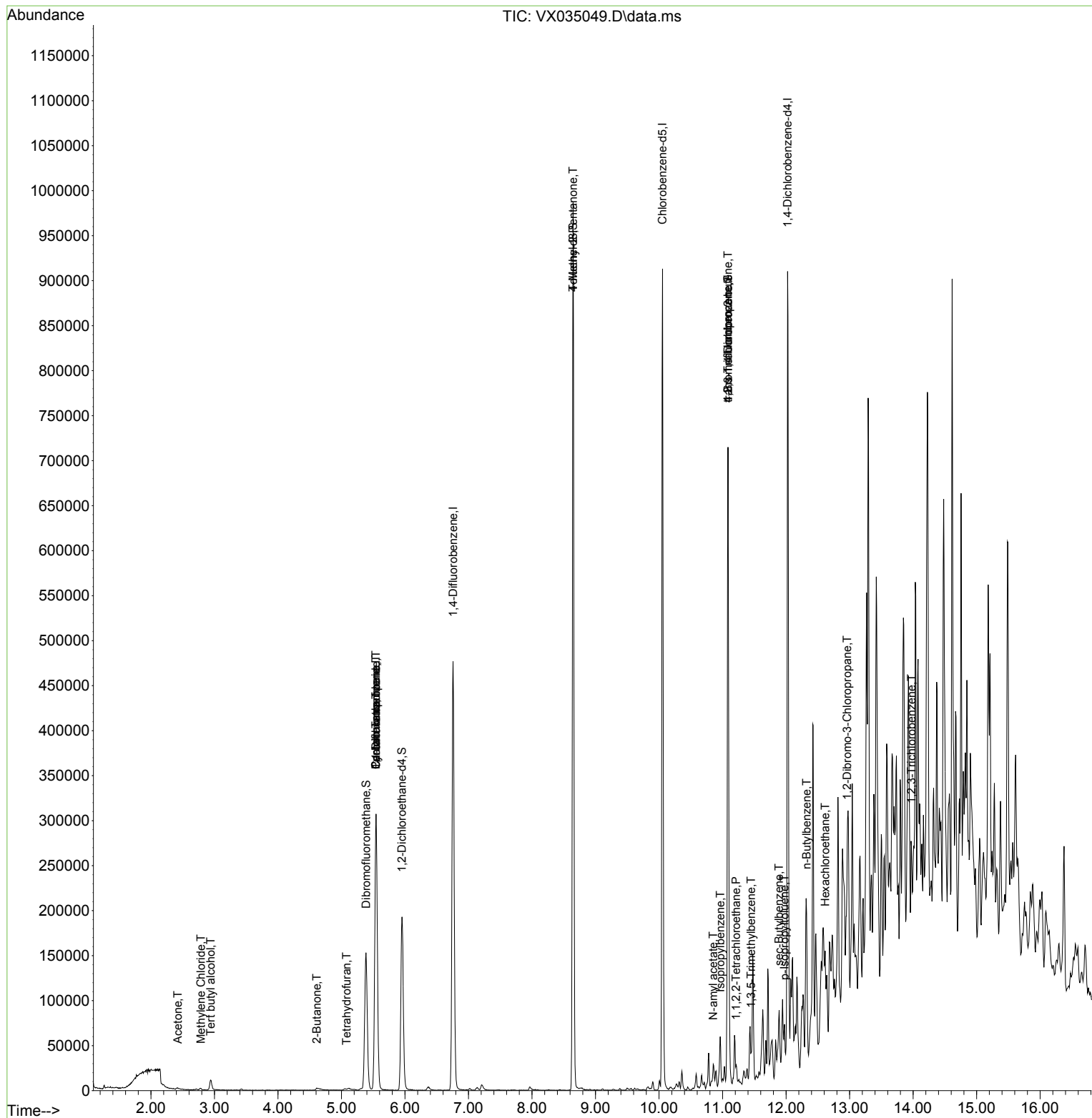
Internal Standards						
1) Pentafluorobenzene	5.544	168	286348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	480588	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	423571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	190156	43.422	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.840%		
35) Dibromofluoromethane	5.385	113	132513	41.688	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	83.380%		
50) Toluene-d8	8.647	98	573437	48.875	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.740%		
62) 4-Bromofluorobenzene	11.085	95	204284	44.994	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.980%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	6799	8.849	ug/l #	74
16) Acetone	2.422	43	2470	1.388	ug/l	90
20) Methylene Chloride	2.788	84	1052	0.300	ug/l #	76
25) 2-Butanone	4.611	43	5572	2.153	ug/l	92
29) Tetrahydrofuran	5.080	42	1717	1.059	ug/l #	34
31) Cyclohexane	5.544	56	6152	1.154	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	22813	4.844	ug/l #	50
38) Carbon Tetrachloride	5.544	117	30116	6.783	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2823	0.579	ug/l #	1
73) Isopropylbenzene	10.963	105	28272	2.073	ug/l	99
74) N-amyl acetate	10.854	43	2749	0.448	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.213	83	2188	0.490	ug/l #	25
76) 1,2,3-Trichloropropane	11.085	75	103076	27.478	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.451	105	8128	0.713	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.085	75	103076	82.348	ug/l #	9
85) sec-Butylbenzene	11.890	105	3343	0.257	ug/l	79
86) p-Isopropyltoluene	11.975	119	7265	0.669	ug/l	98
89) n-Butylbenzene	12.323	91	12491	1.316	ug/l #	16
90) Hexachloroethane	12.616	117	4045	2.404	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	12.963	75	613	0.657	ug/l #	35
96) 1,2,3-Trichlorobenzene	13.975	180	3217	0.915	ug/l #	1

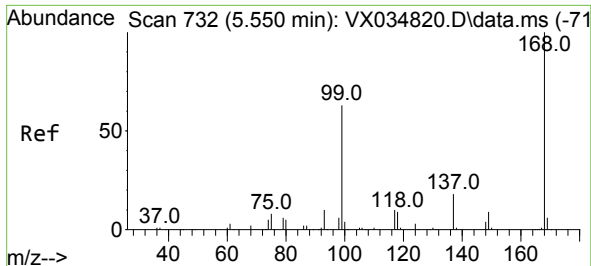
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
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Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
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Instrument :
MSVOA_X
ClientSampleId :
23329

Quant Time: Apr 13 02:37:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

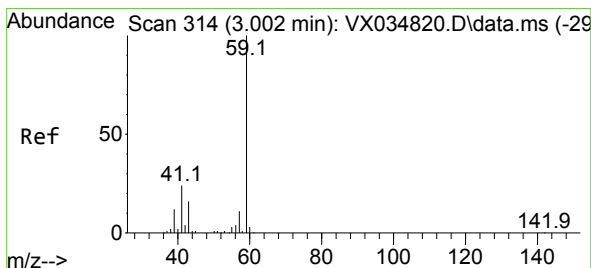
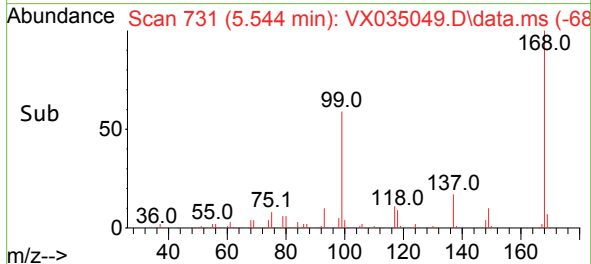
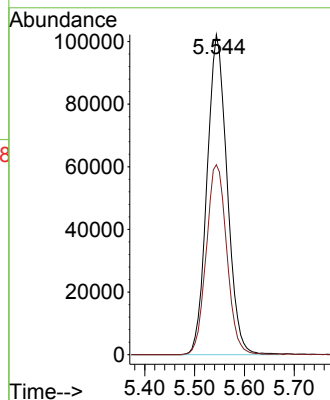
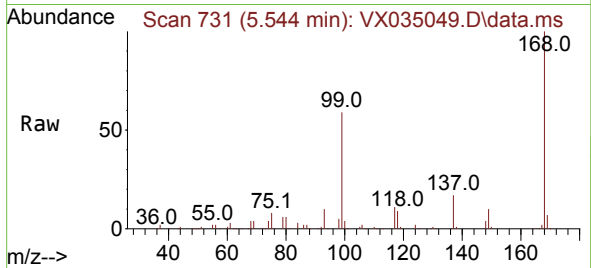




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

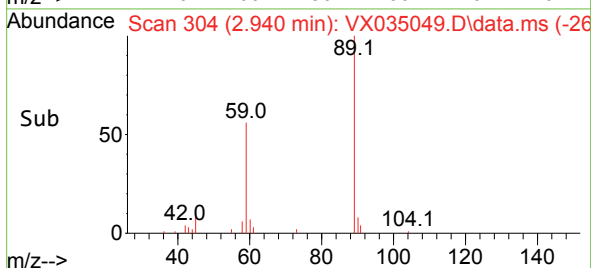
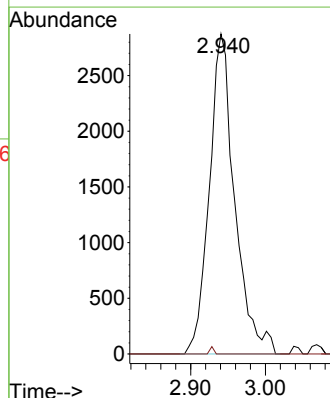
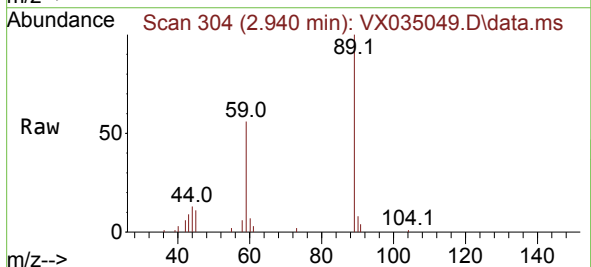
Instrument :
MSVOA_X
ClientSampleId :
23329

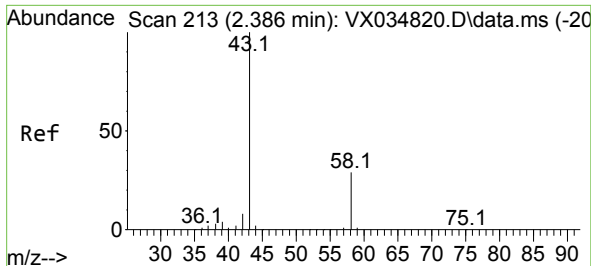
Tgt Ion:168 Resp: 286348
Ion Ratio Lower Upper
168 100
99 59.4 45.7 68.5



#11
Tert butyl alcohol
Concen: 8.849 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

Tgt Ion: 59 Resp: 6799
Ion Ratio Lower Upper
59 100
57 0.4 8.1 12.1#

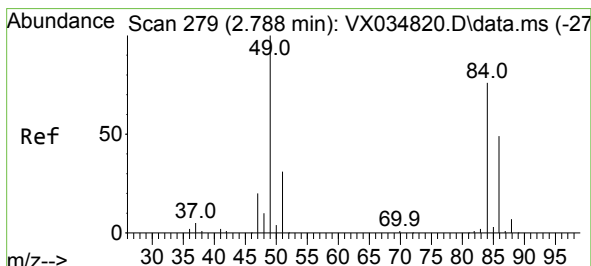
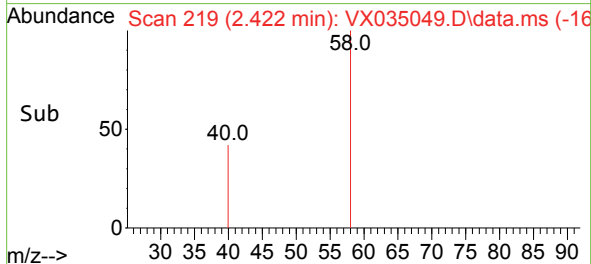
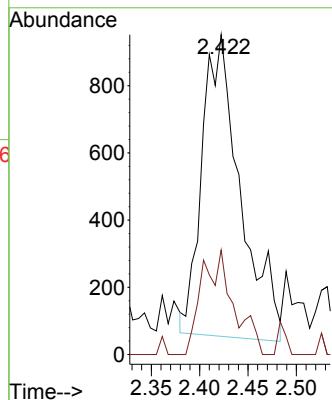
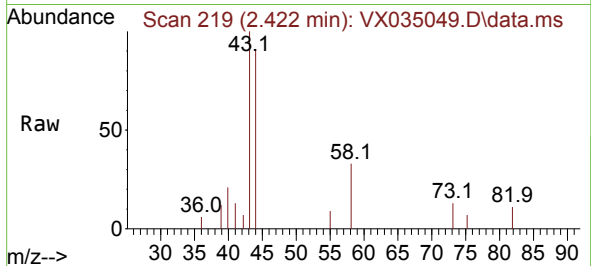




#16
Acetone
Concen: 1.388 ug/l
RT: 2.422 min Scan# 213
Delta R.T. 0.036 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

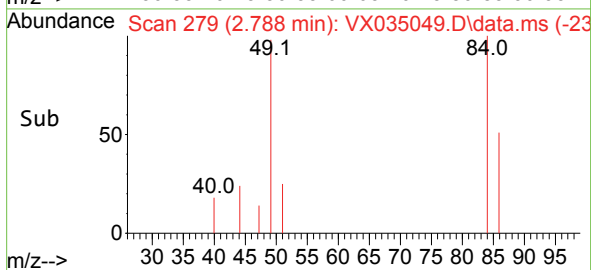
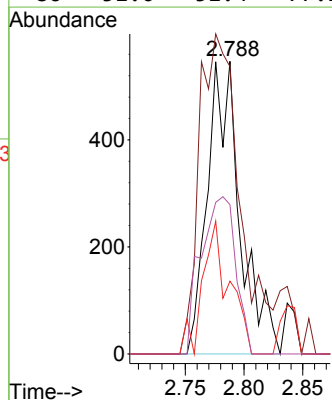
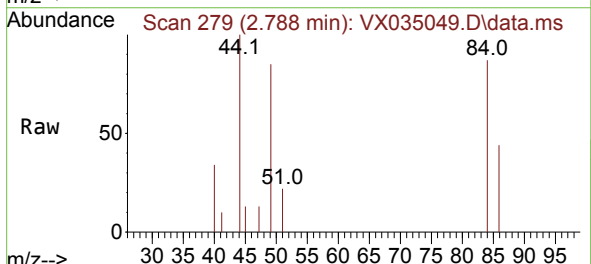
Instrument :
MSVOA_X
ClientSampleId :
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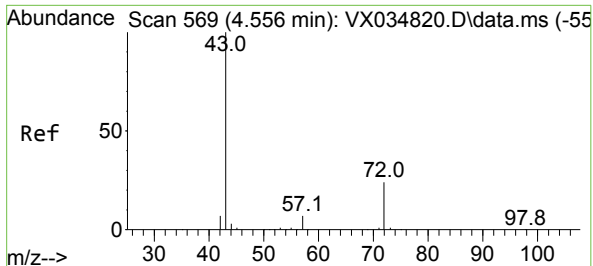
Tgt Ion: 43 Resp: 2470
Ion Ratio Lower Upper
43 100
58 36.4 24.7 37.1



#20
Methylene Chloride
Concen: 0.300 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

Tgt Ion: 84 Resp: 1052
Ion Ratio Lower Upper
84 100
49 98.2 103.8 155.8#
51 24.9 31.8 47.8#
86 51.0 51.4 77.2#





#25

2-Butanone

Concen: 2.153 ug/l

RT: 4.611 min Scan# 51

Delta R.T. 0.055 min

Lab File: VX035049.D

Acq: 12 Apr 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

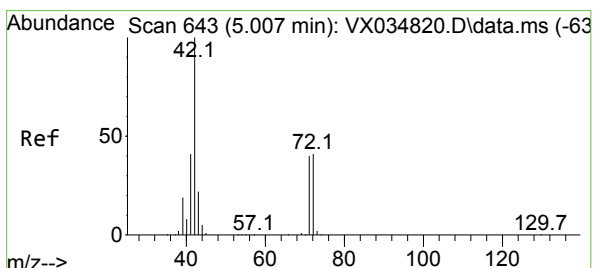
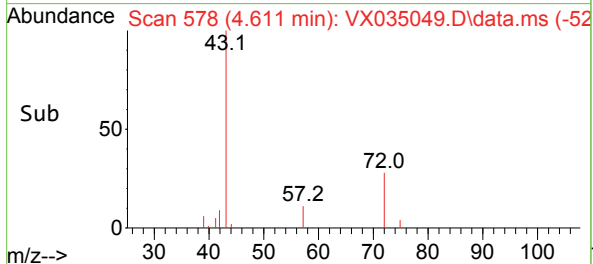
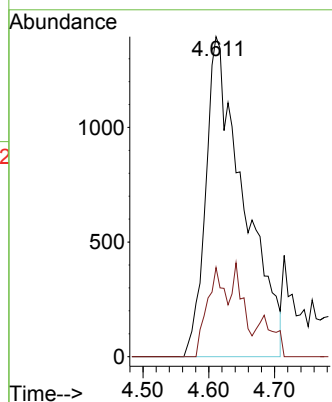
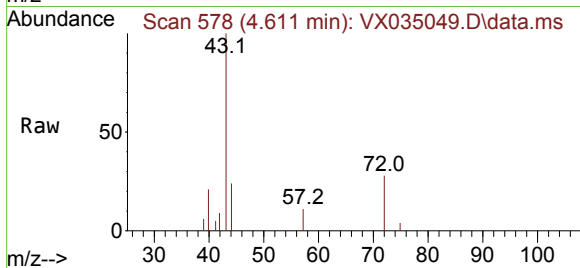
23329

Tgt Ion: 43 Resp: 5572

Ion Ratio Lower Upper

43 100

72 27.9 19.3 28.9



#29

Tetrahydrofuran

Concen: 1.059 ug/l

RT: 5.080 min Scan# 655

Delta R.T. 0.073 min

Lab File: VX035049.D

Acq: 12 Apr 2023 16:37

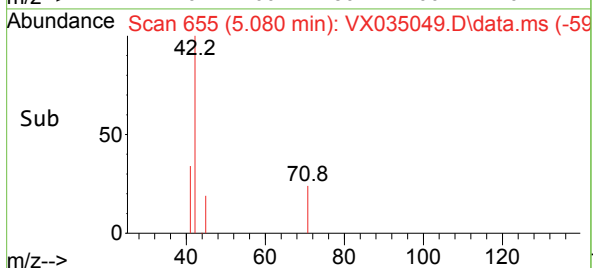
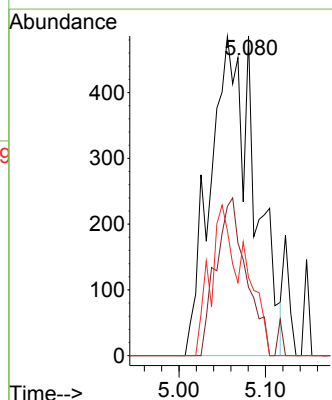
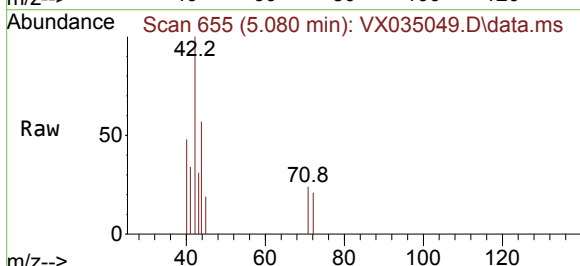
Tgt Ion: 42 Resp: 1717

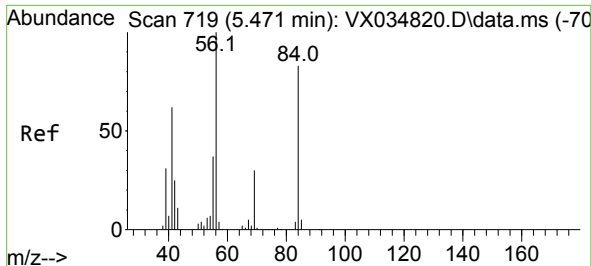
Ion Ratio Lower Upper

42 100

72 0.0 34.5 51.7#

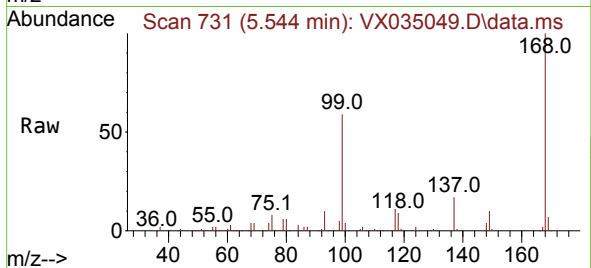
71 0.0 32.1 48.1#



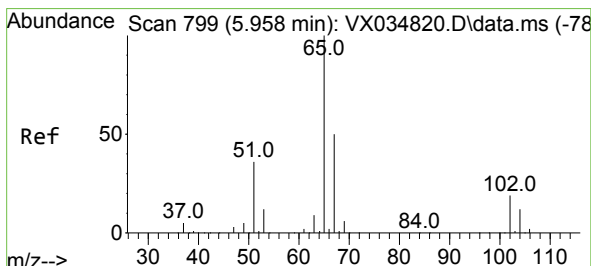
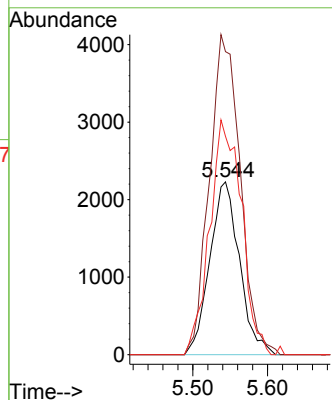
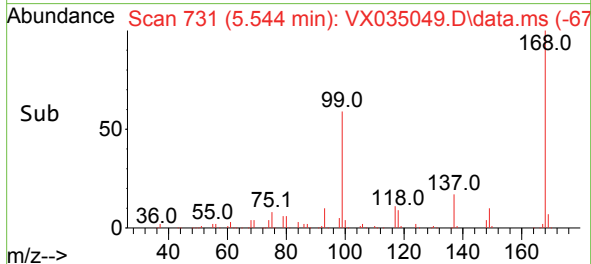


#31
Cyclohexane
Concen: 1.154 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

Instrument :
MSVOA_X
ClientSampleId :
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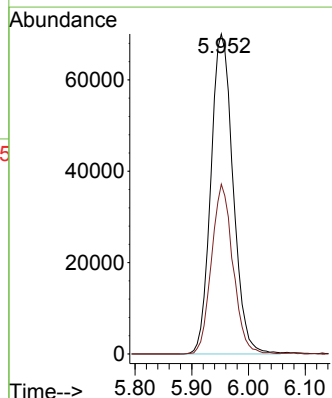
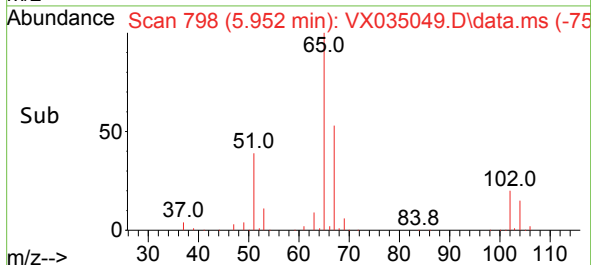
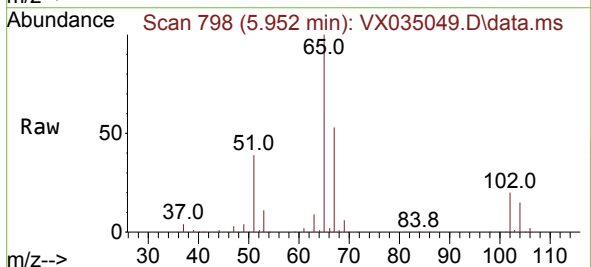


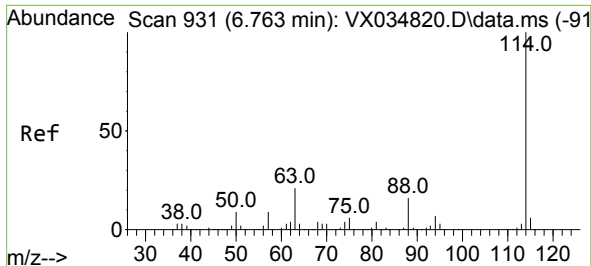
Tgt Ion: 56 Resp: 6152
Ion Ratio Lower Upper
56 100
69 175.3 23.7 35.5#
84 126.3 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 43.422 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

Tgt Ion: 65 Resp: 190156
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.0

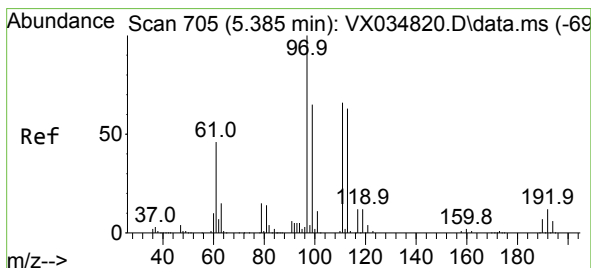
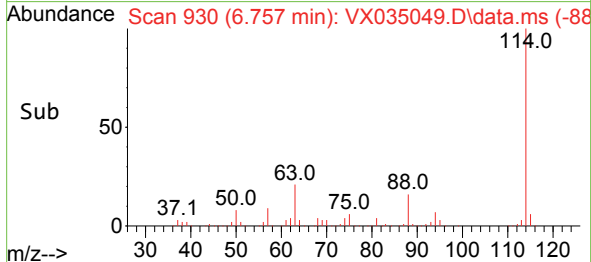
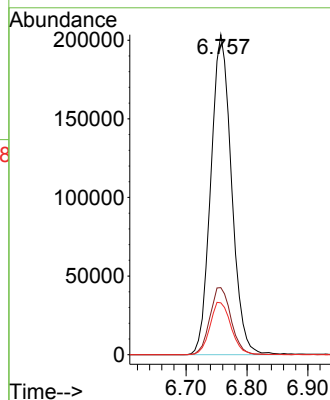
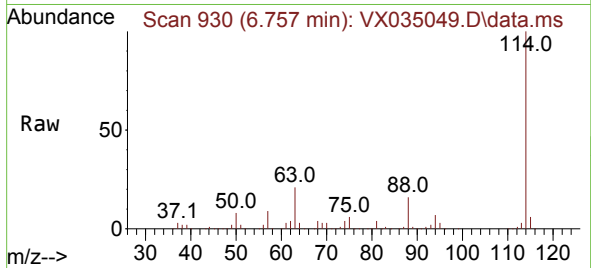




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

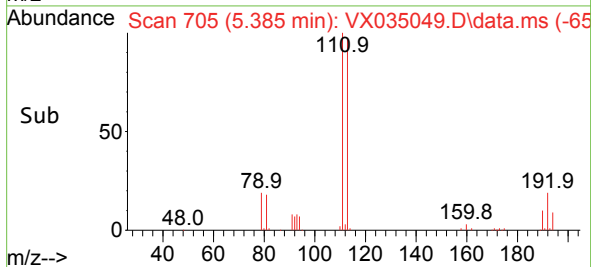
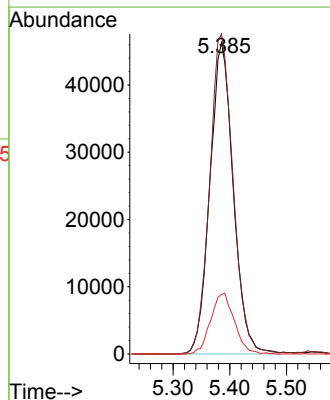
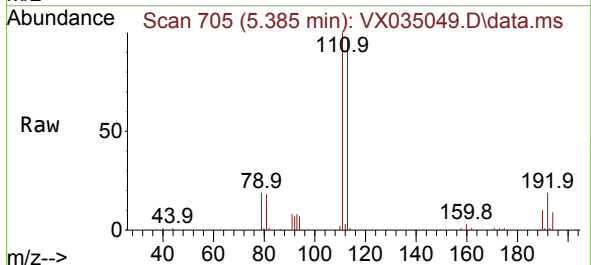
Instrument :
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ClientSampleId :
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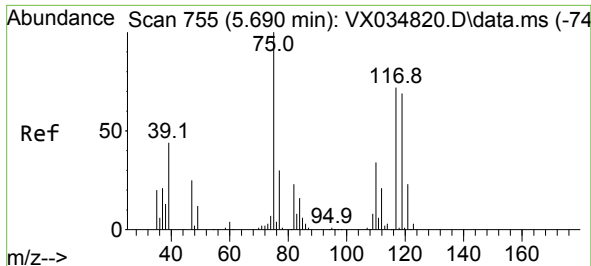
Tgt Ion:114 Resp: 480588
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.2
88 16.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 41.688 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

Tgt Ion:113 Resp: 132513
Ion Ratio Lower Upper
113 100
111 103.5 83.7 125.5
192 19.8 15.4 23.2

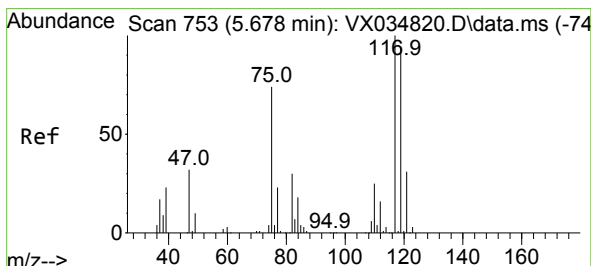
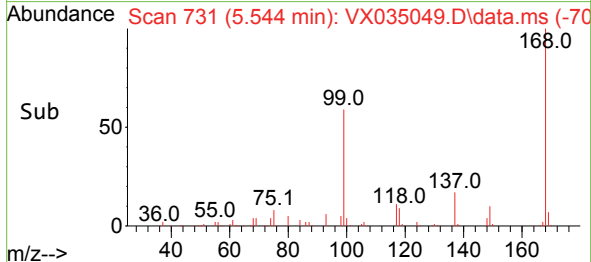
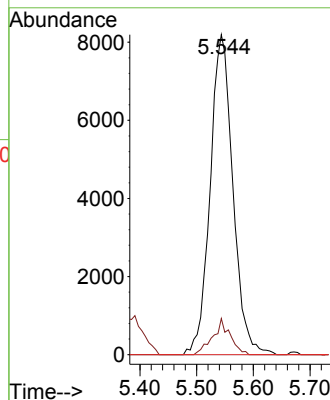
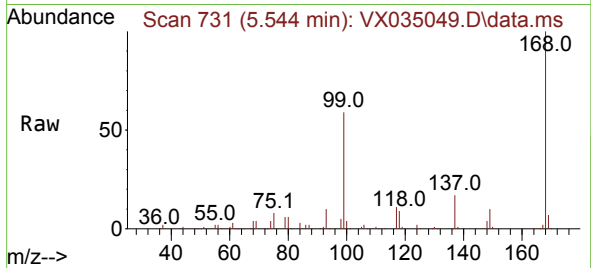




#36
1,1-Dichloropropene
Concen: 4.844 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

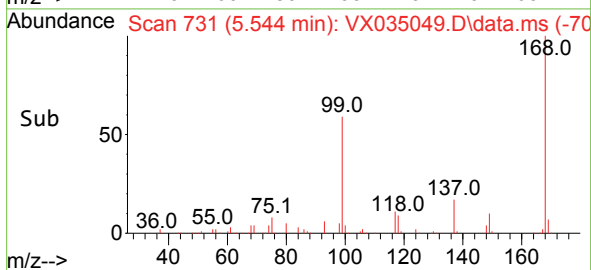
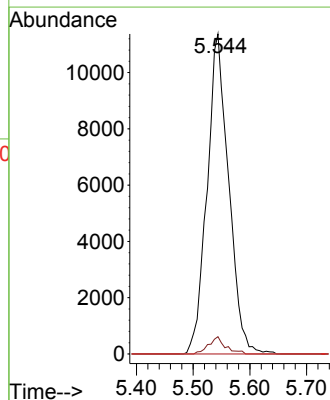
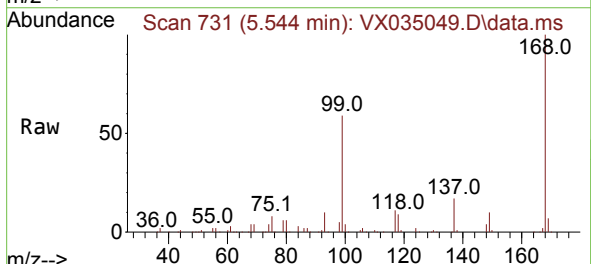
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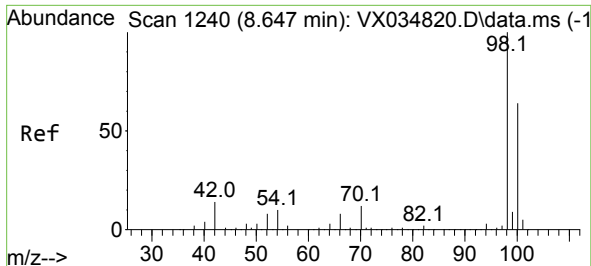
Tgt Ion: 75 Resp: 22813
Ion Ratio Lower Upper
75 100
110 8.6 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.783 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

Tgt Ion: 117 Resp: 30116
Ion Ratio Lower Upper
117 100
119 5.4 76.6 114.8#
121 0.0 23.8 35.6#

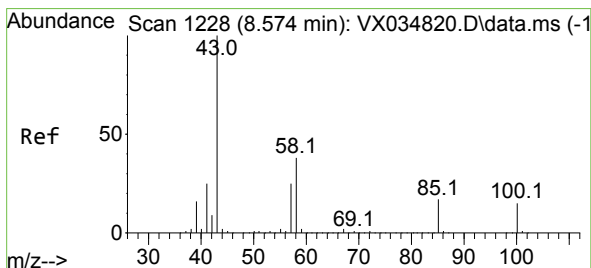
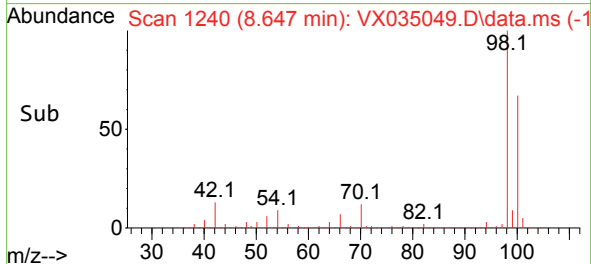
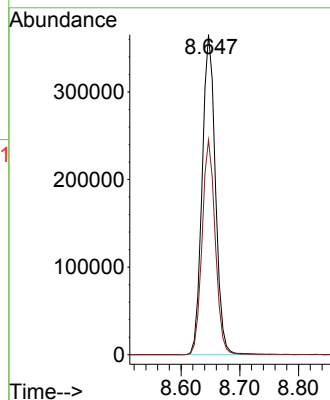
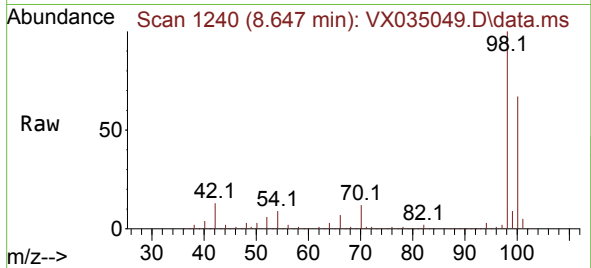




#50
Toluene-d8
Concen: 48.875 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

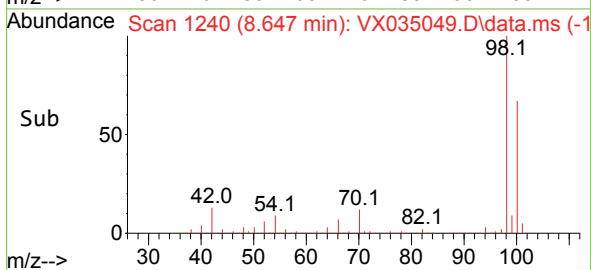
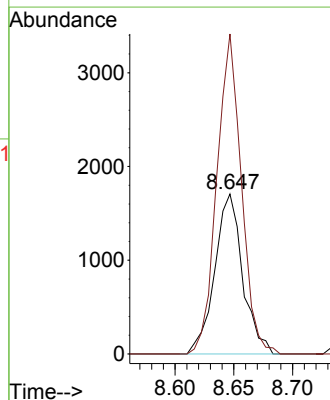
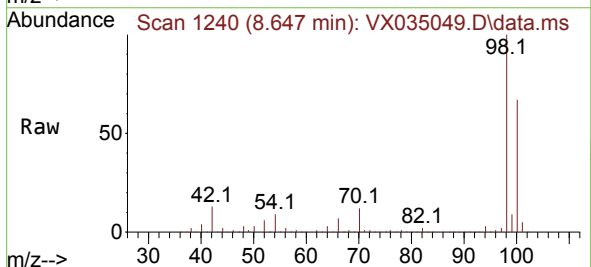
Instrument :
MSVOA_X
ClientSampleId :
23329

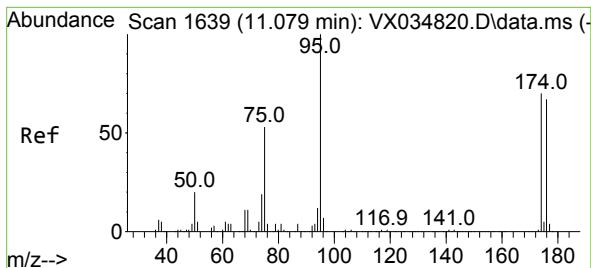
Tgt Ion: 98 Resp: 573437
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.579 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

Tgt Ion: 43 Resp: 2823
Ion Ratio Lower Upper
43 100
58 175.8 30.6 46.0#

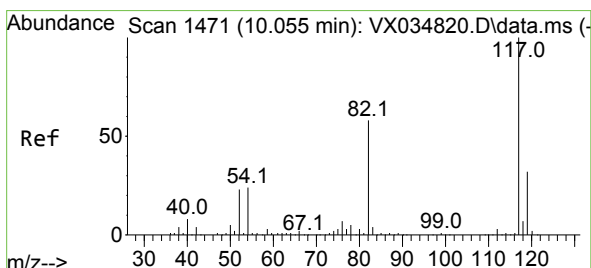
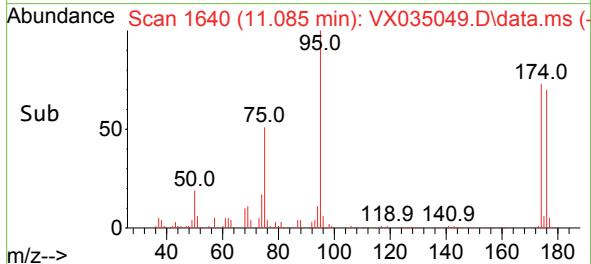
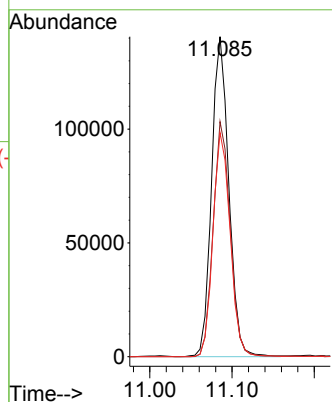
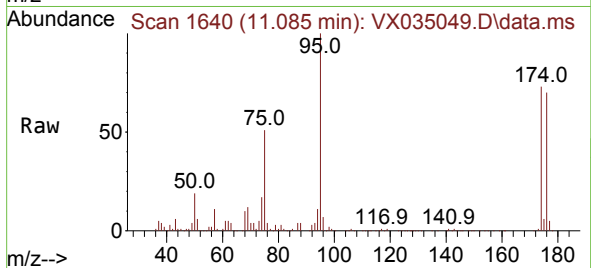




#62
4-Bromofluorobenzene
Concen: 44.994 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

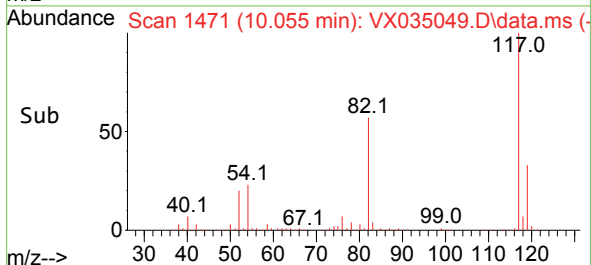
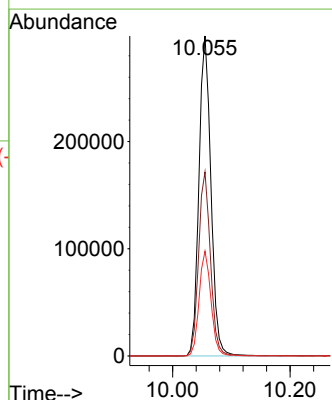
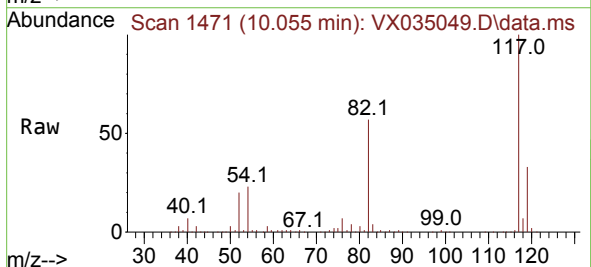
Instrument :
MSVOA_X
ClientSampleId :
23329

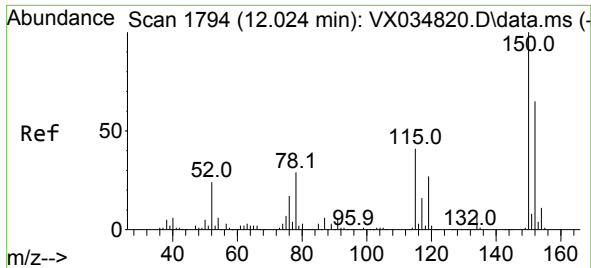
Tgt Ion: 95 Resp: 204284
Ion Ratio Lower Upper
95 100
174 73.3 0.0 147.4
176 70.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

Tgt Ion: 117 Resp: 423571
Ion Ratio Lower Upper
117 100
82 57.5 45.0 67.4
119 32.7 26.0 39.0

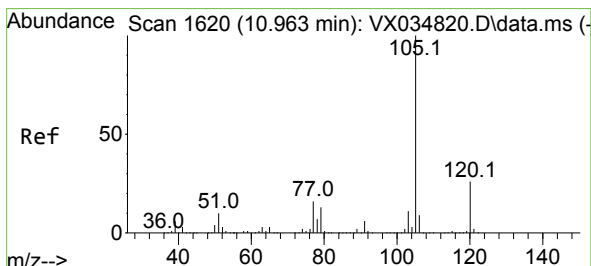
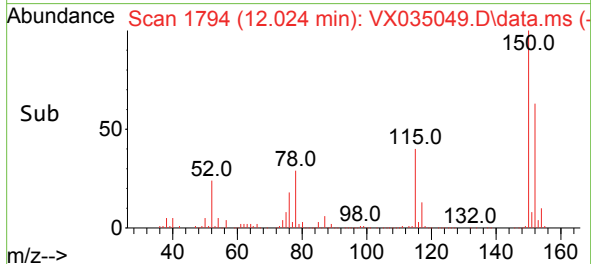
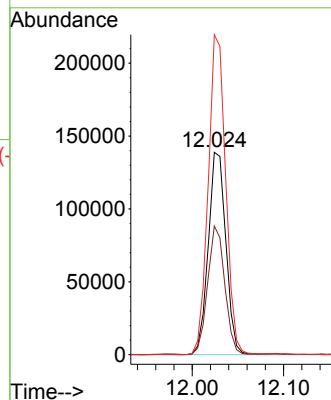
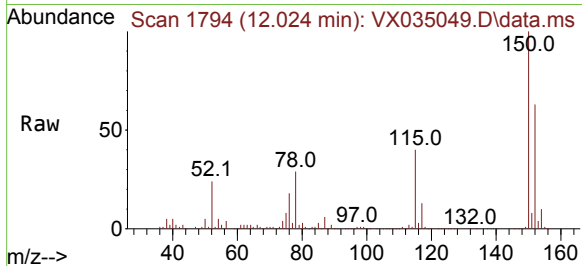




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

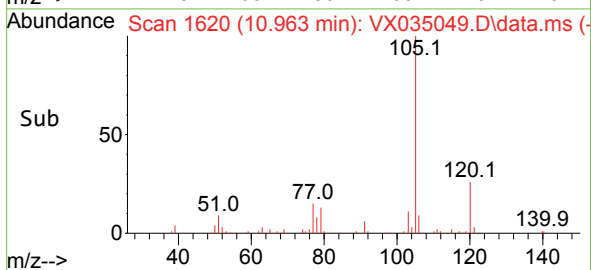
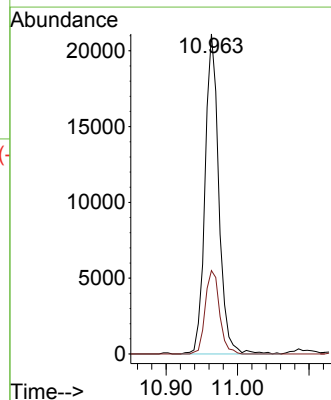
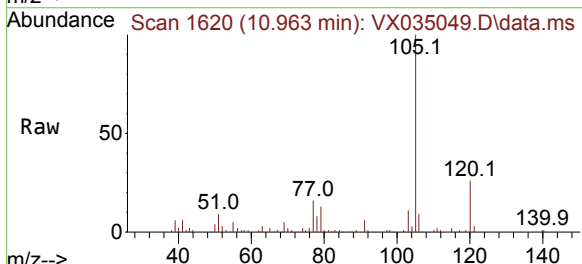
Instrument :
MSVOA_X
ClientSampleId :
23329

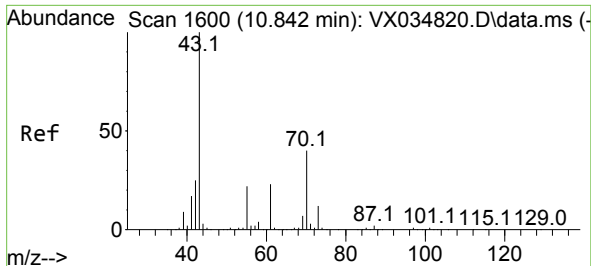
Tgt Ion:152 Resp: 186174
Ion Ratio Lower Upper
152 100
115 61.6 45.0 135.0
150 156.5 0.0 352.4



#73
Isopropylbenzene
Concen: 2.073 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

Tgt Ion:105 Resp: 28272
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9

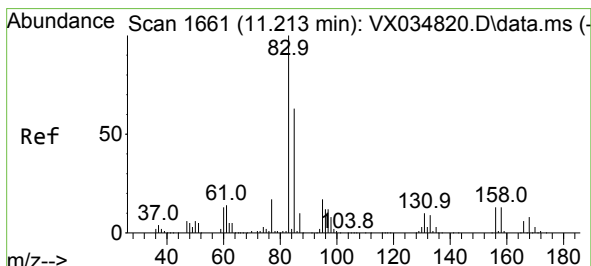
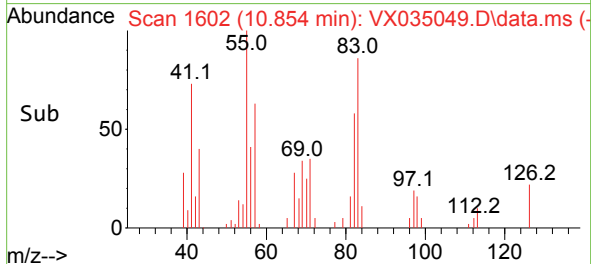
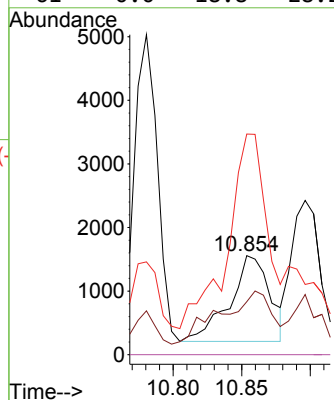
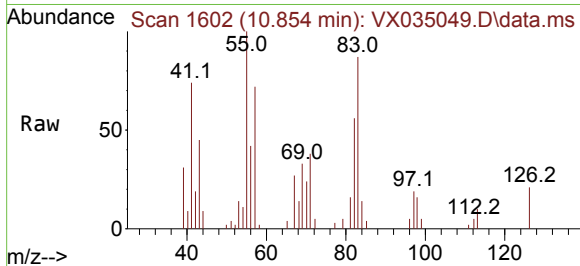




#74
N-amy1 acetate
Concen: 0.448 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

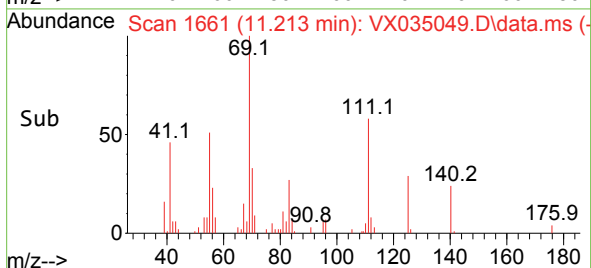
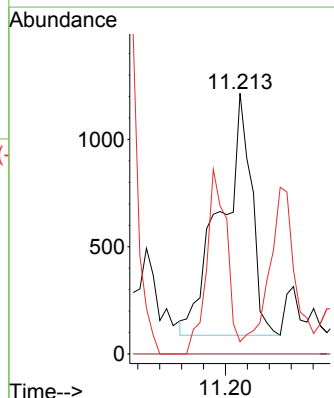
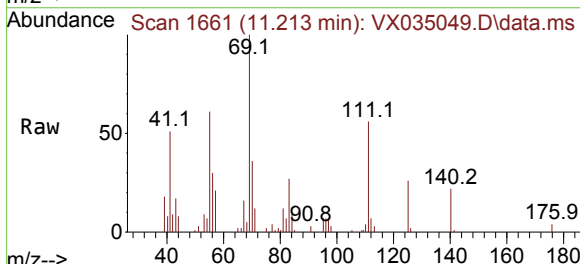
Instrument :
MSVOA_X
ClientSampleId :
23329

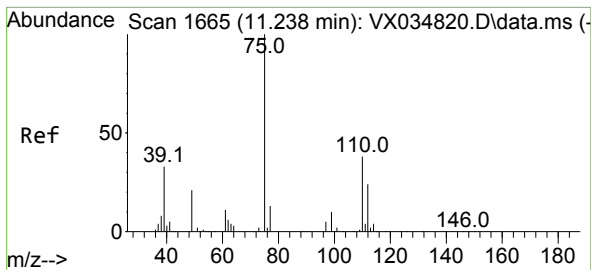
Tgt Ion:	43	Resp:	2749
Ion	Ratio	Lower	Upper
43	100		
70	78.9	32.1	48.1#
55	218.7	18.3	27.5#
61	0.0	18.8	28.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.490 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

Tgt Ion:	83	Resp:	2188
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.3#
85	0.0	32.0	96.0#





#76

1,2,3-Trichloropropane

Concen: 27.478 ug/l

RT: 11.085 min Scan# 11

Delta R.T. -0.153 min

Lab File: VX035049.D

Acq: 12 Apr 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

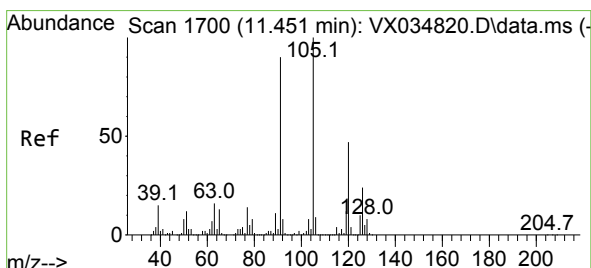
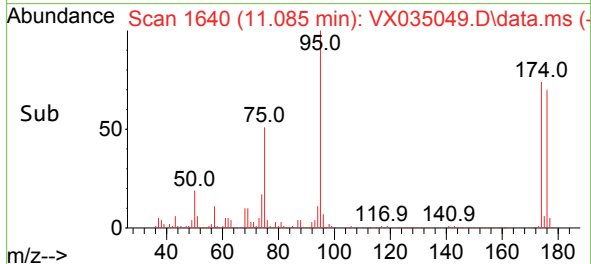
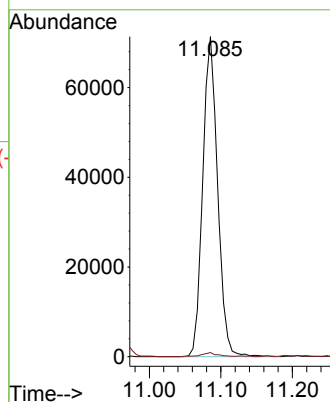
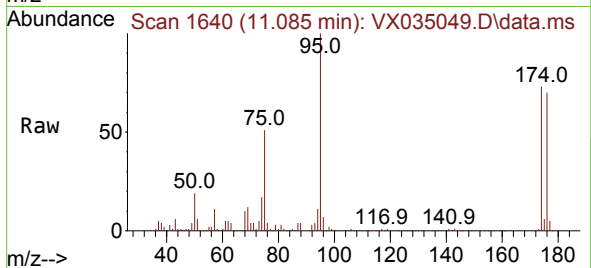
23329

Tgt Ion: 75 Resp: 103076

Ion Ratio Lower Upper

75 100

77 1.4 21.6 64.8#



#80

1,3,5-Trimethylbenzene

Concen: 0.713 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035049.D

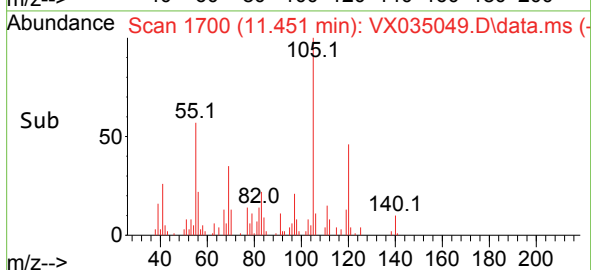
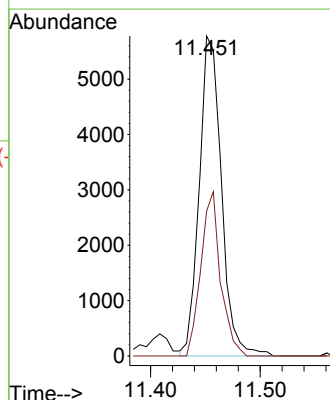
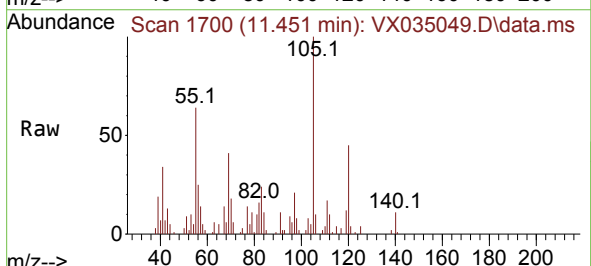
Acq: 12 Apr 2023 16:37

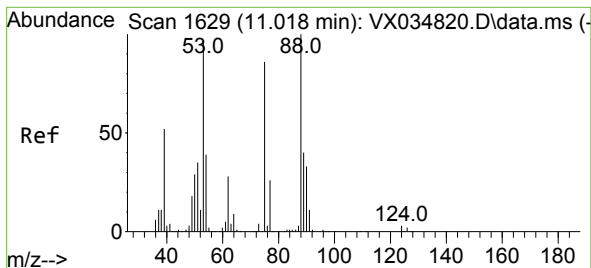
Tgt Ion:105 Resp: 8128

Ion Ratio Lower Upper

105 100

120 45.5 23.7 71.1

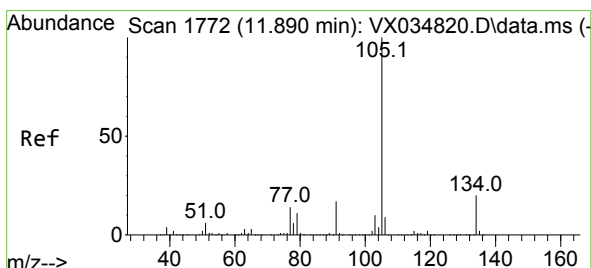
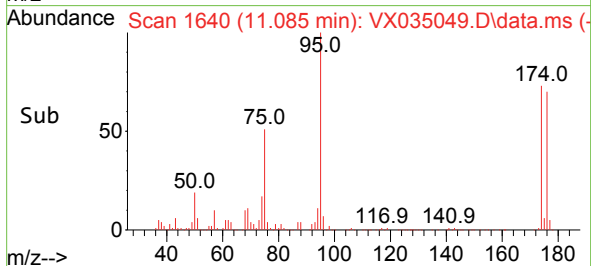
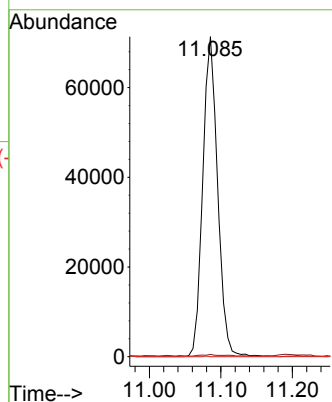
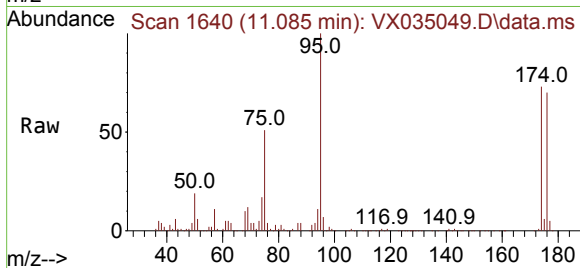




#81
trans-1,4-Dichloro-2-butene
Concen: 82.348 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

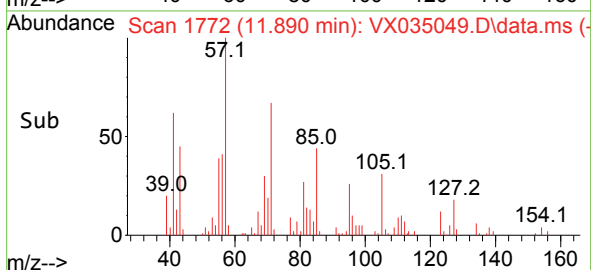
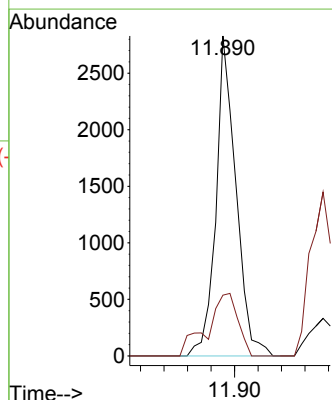
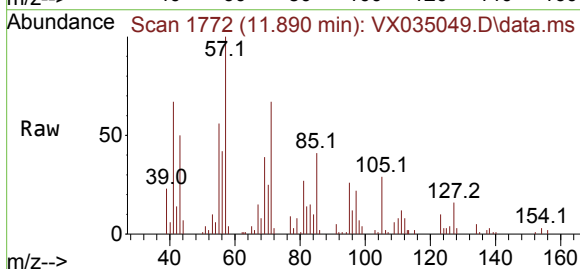
Instrument :
MSVOA_X
ClientSampleId :
23329

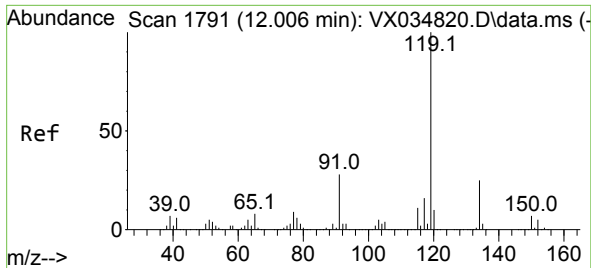
Tgt Ion: 75 Resp: 103076
Ion Ratio Lower Upper
75 100
53 0.5 82.6 124.0#
89 0.1 36.9 55.3#



#85
sec-Butylbenzene
Concen: 0.257 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

Tgt Ion: 105 Resp: 3343
Ion Ratio Lower Upper
105 100
134 29.9 10.2 30.4

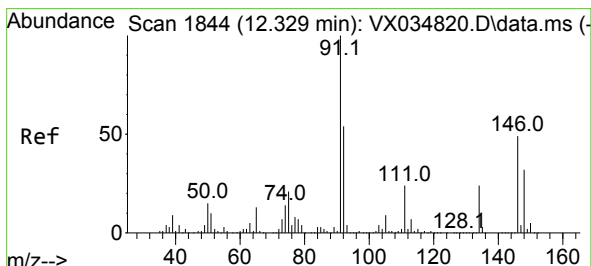
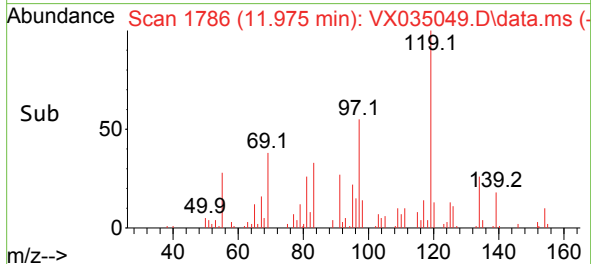
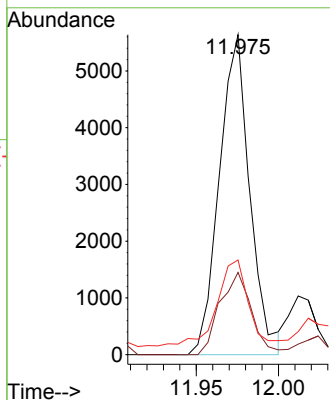
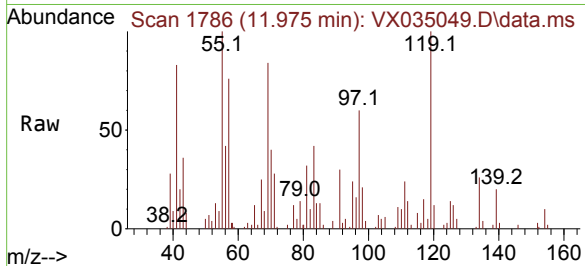




#86
p-Isopropyltoluene
Concen: 0.669 ug/l
RT: 11.975 min Scan# 119
Delta R.T. -0.031 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

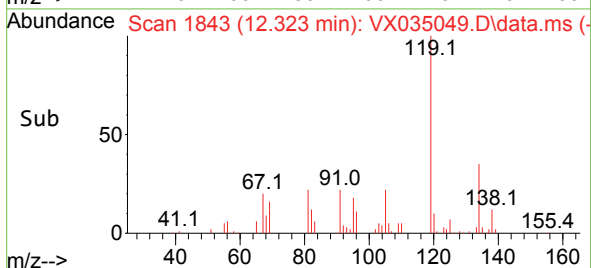
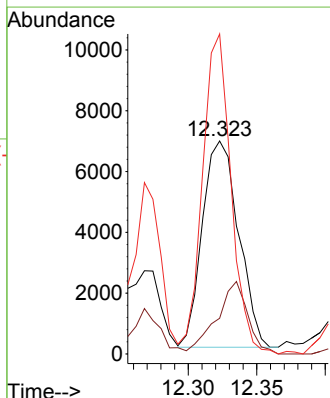
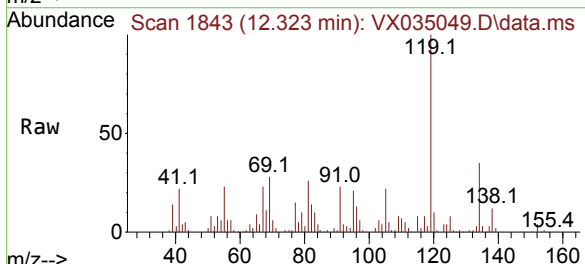
Instrument :
MSVOA_X
ClientSampleId :
23329

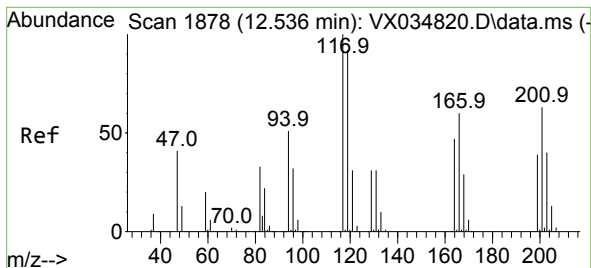
Tgt Ion:119 Resp: 7265
Ion Ratio Lower Upper
119 100
134 26.6 13.2 39.5
91 27.5 12.9 38.7



#89
n-Butylbenzene
Concen: 1.316 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.006 min
Lab File: VX035049.D
Acq: 12 Apr 2023 16:37

Tgt Ion: 91 Resp: 12491
Ion Ratio Lower Upper
91 100
92 30.2 27.7 83.0
134 122.0 13.0 38.9#





#90

Hexachloroethane

Concen: 2.404 ug/l

RT: 12.616 min Scan# 117

Delta R.T. 0.080 min

Lab File: VX035049.D

Acq: 12 Apr 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

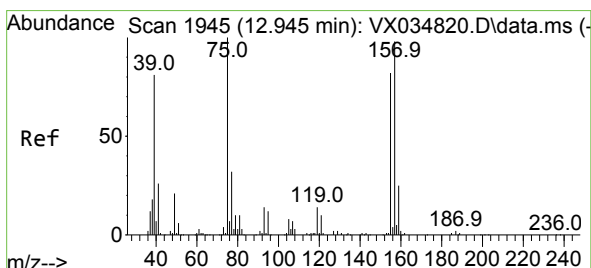
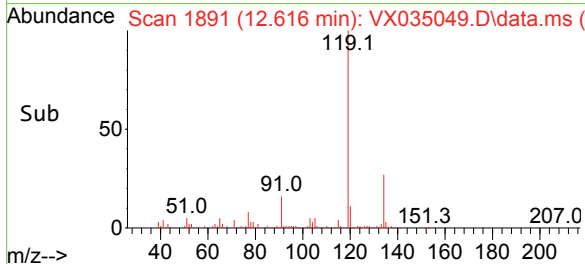
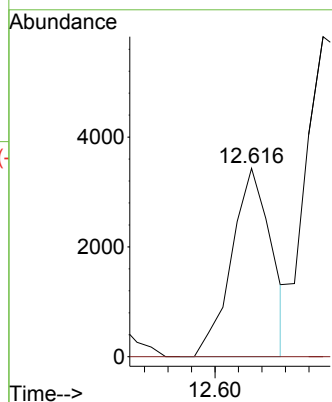
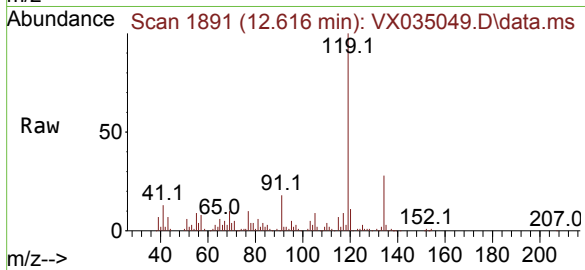
23329

Tgt Ion:117 Resp: 4045

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.1#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.657 ug/l

RT: 12.963 min Scan# 1948

Delta R.T. 0.018 min

Lab File: VX035049.D

Acq: 12 Apr 2023 16:37

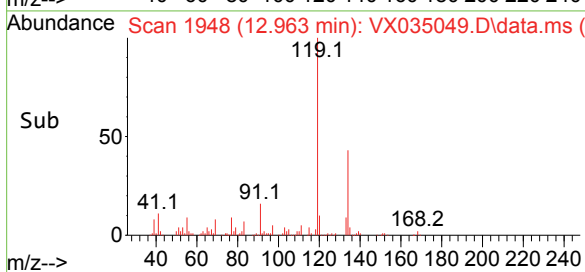
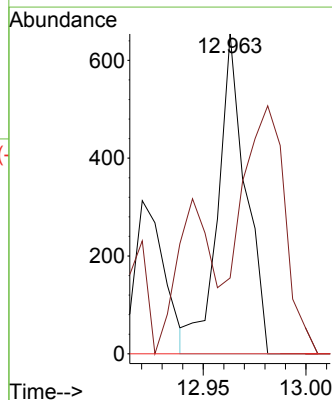
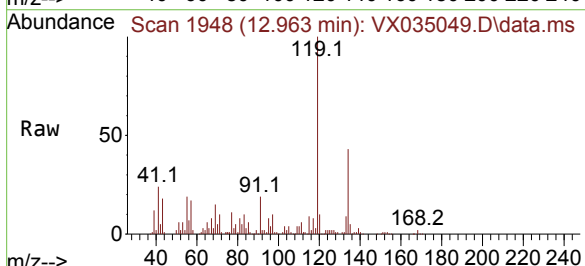
Tgt Ion: 75 Resp: 613

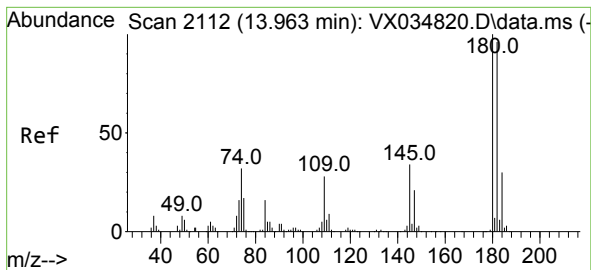
Ion Ratio Lower Upper

75 100

155 60.0 38.4 115.1

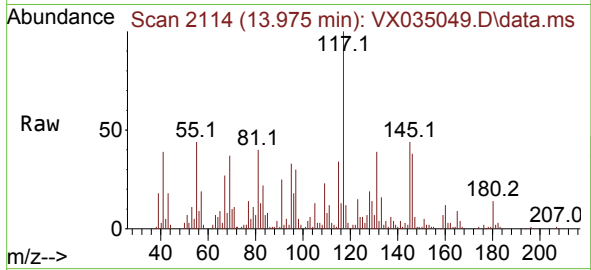
157 0.0 49.9 149.7#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.915 ug/l
 RT: 13.975 min Scan# 2114
 Delta R.T. 0.012 min
 Lab File: VX035049.D
 Acq: 12 Apr 2023 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 23329



Tgt Ion:180 Resp: 3217
 Ion Ratio Lower Upper
 180 100
 182 25.7 48.0 144.2#
 145 468.8 17.7 53.1#

