

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012520.D
 Acq On : 07 Feb 2023 15:50
 Operator : KP/MD
 Sample : 01460-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-2-020623

Quant Time: Feb 08 01:45:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

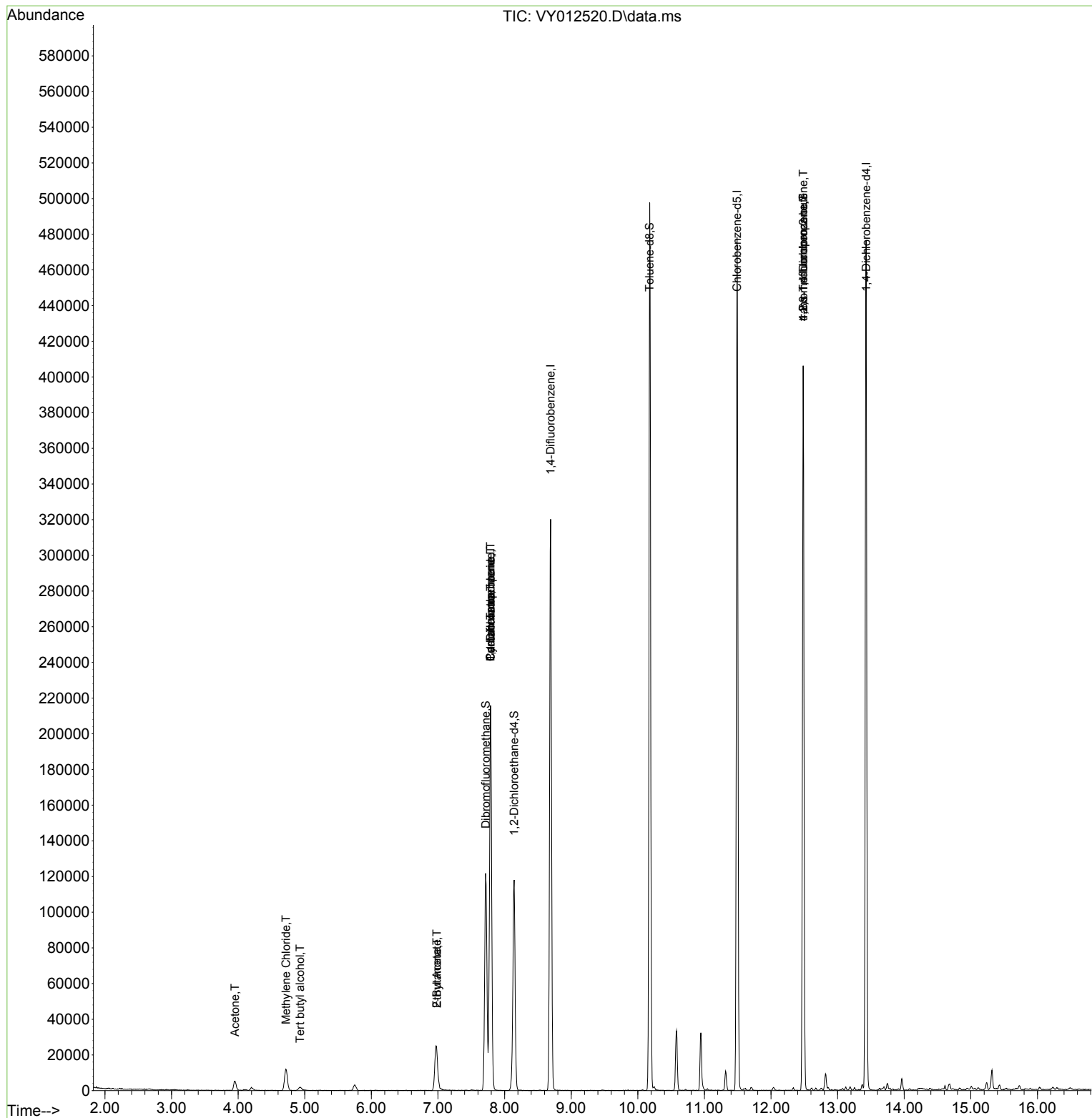
Internal Standards						
1) Pentafluorobenzene	7.789	168	170786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	285327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	274295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	94165	43.359	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.720%
35) Dibromofluoromethane	7.716	113	84462	40.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.300%
50) Toluene-d8	10.179	98	333562	38.567	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.140%
62) 4-Bromofluorobenzene	12.483	95	112773	37.382	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.760%
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	350	Below Cal		98
11) Tert butyl alcohol	4.930	59	2118	1.078 ug/l	#	75
16) Acetone	3.954	43	9279	17.752 ug/l		96
20) Methylene Chloride	4.716	84	10207	1.103 ug/l		95
25) 2-Butanone	6.984	43	1486	2.562 ug/l	#	73
31) Cyclohexane	7.789	56	3040	1.211 ug/l	#	41
36) 1,1-Dichloropropene	7.789	75	11673	4.151 ug/l	#	49
37) Ethyl Acetate	6.984	43	1486	1.171 ug/l	#	1
38) Carbon Tetrachloride	7.789	117	16661	4.413 ug/l	#	17
76) 1,2,3-Trichloropropane	12.483	75	59898	42.020 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59898	94.758 ug/l	#	12

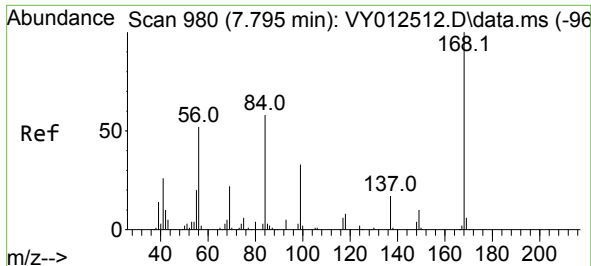
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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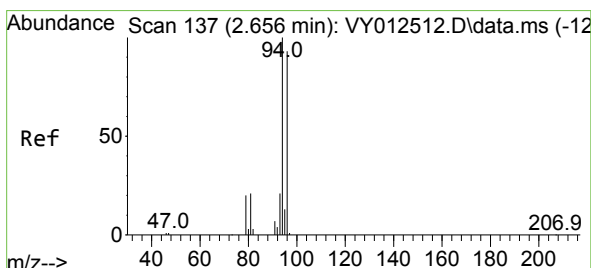
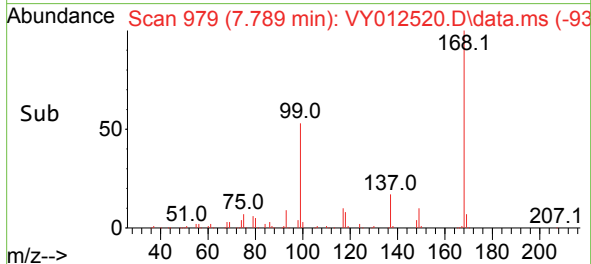
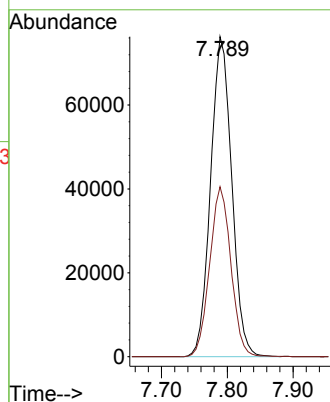
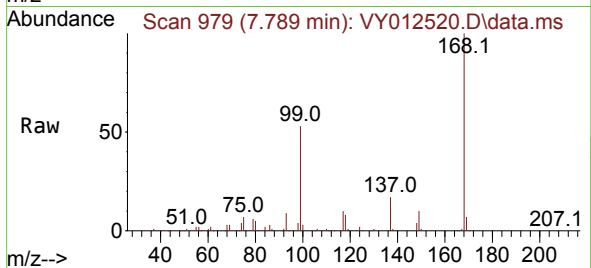




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012520.D
Acq: 07 Feb 2023 15:50

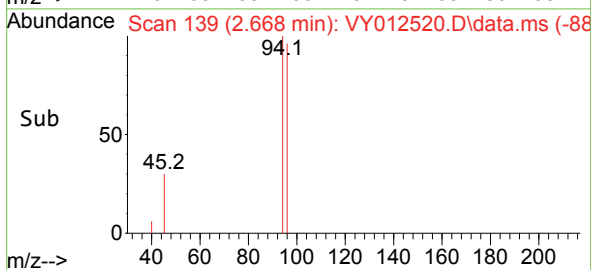
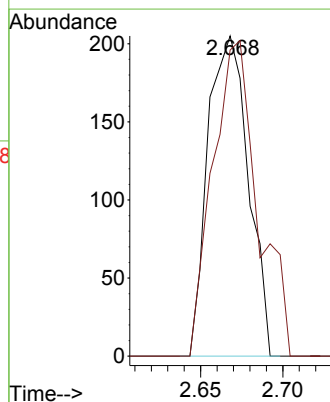
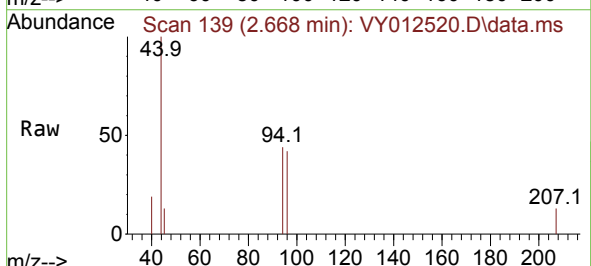
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-020623

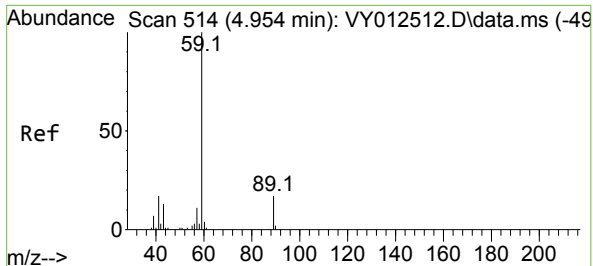
Tgt Ion:168 Resp: 170786
Ion Ratio Lower Upper
168 100
99 53.1 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY012520.D
Acq: 07 Feb 2023 15:50

Tgt Ion: 94 Resp: 350
Ion Ratio Lower Upper
94 100
96 95.6 74.7 112.1





#11

Tert butyl alcohol

Concen: 1.078 ug/l

RT: 4.930 min Scan# 514

Delta R.T. -0.024 min

Lab File: VY012520.D

Acq: 07 Feb 2023 15:50

Instrument :

MSVOA_Y

ClientSampleId :

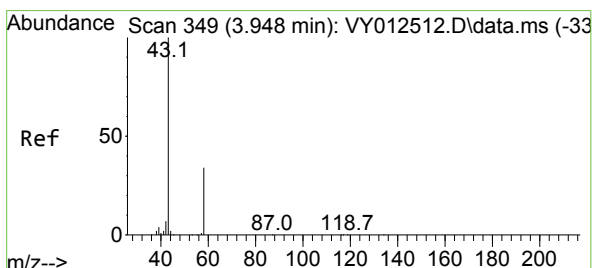
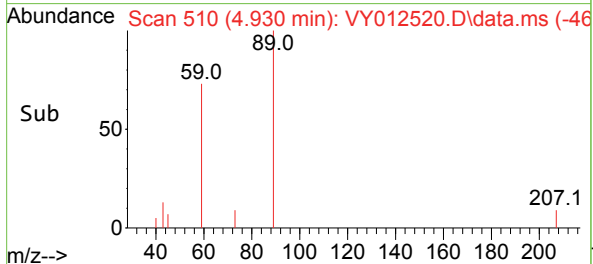
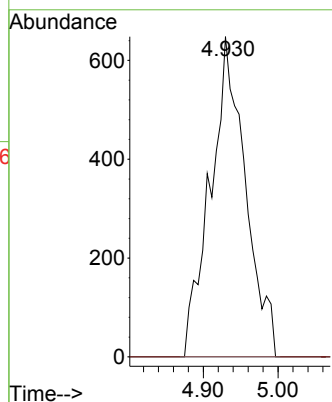
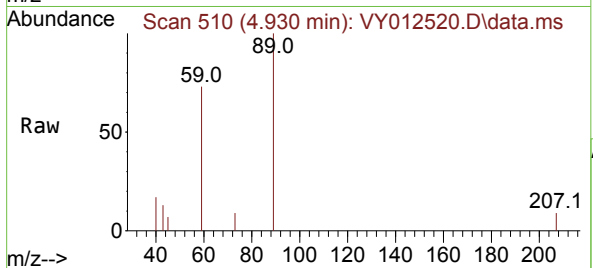
OR-2-020623

Tgt Ion: 59 Resp: 2118

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 17.752 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY012520.D

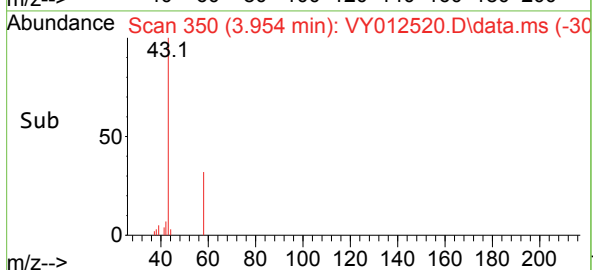
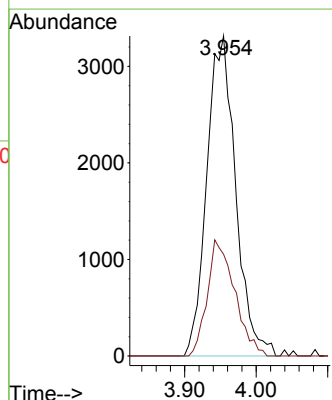
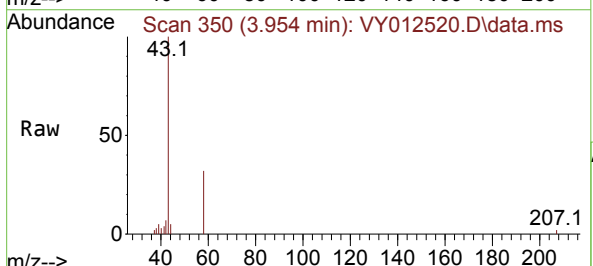
Acq: 07 Feb 2023 15:50

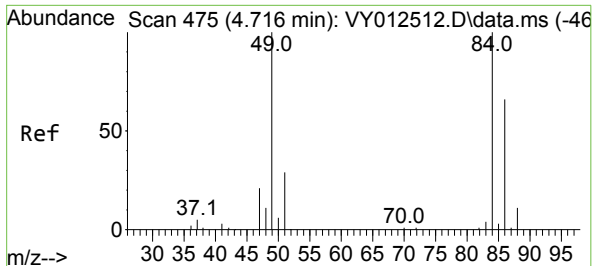
Tgt Ion: 43 Resp: 9279

Ion Ratio Lower Upper

43 100

58 31.8 27.1 40.7

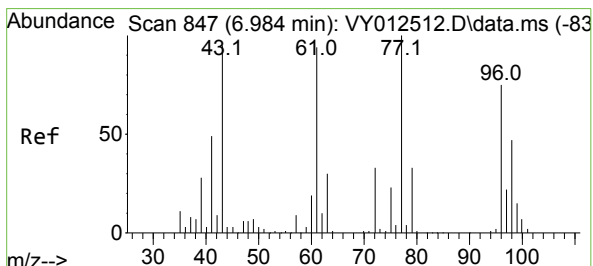
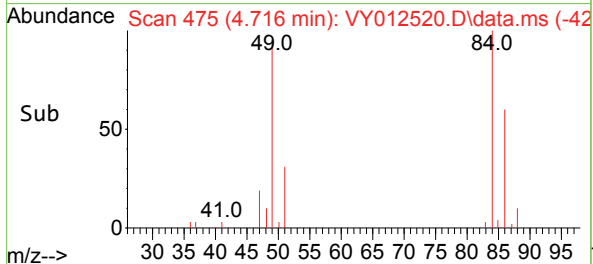
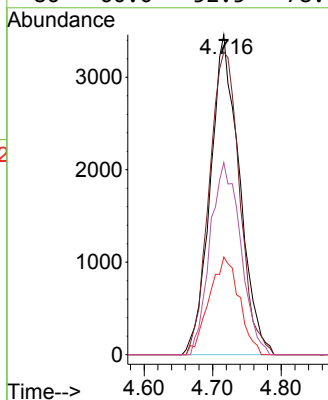
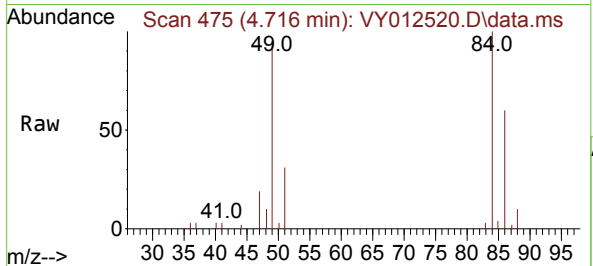




#20
Methylene Chloride
Concen: 1.103 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012520.D
Acq: 07 Feb 2023 15:50

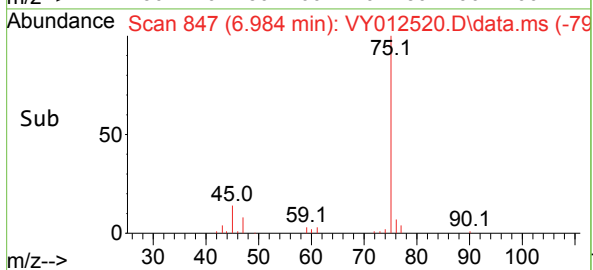
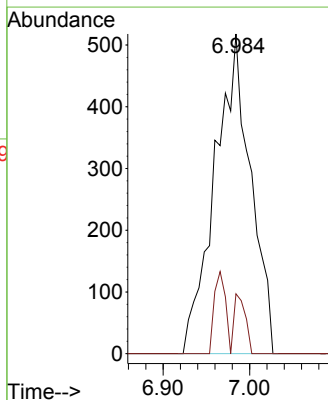
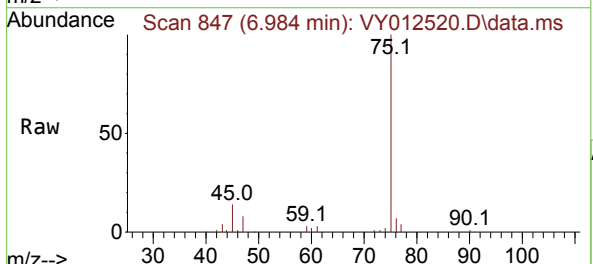
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-020623

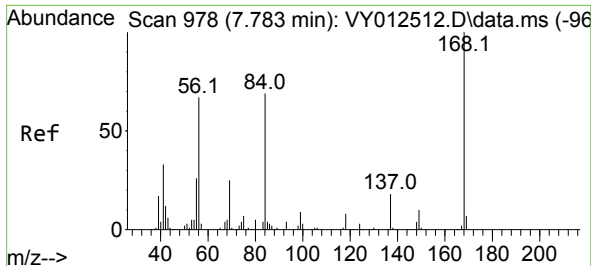
Tgt Ion:	84	Resp:	10207
Ion	Ratio	Lower	Upper
84	100		
49	94.6	79.8	119.6
51	30.5	23.4	35.2
86	60.0	52.5	78.7



#25
2-Butanone
Concen: 2.562 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012520.D
Acq: 07 Feb 2023 15:50

Tgt Ion:	43	Resp:	1486
Ion	Ratio	Lower	Upper
43	100		
72	18.7	27.4	41.2#

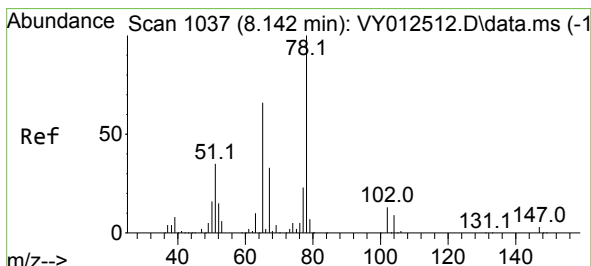
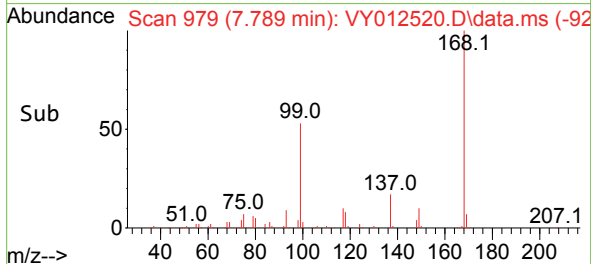
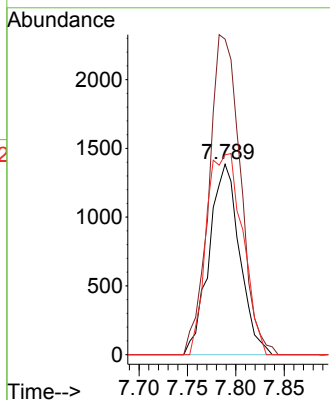
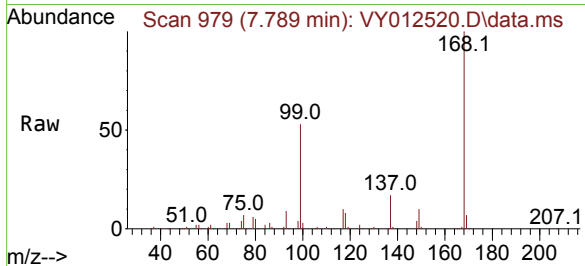




#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012520.D
Acq: 07 Feb 2023 15:50

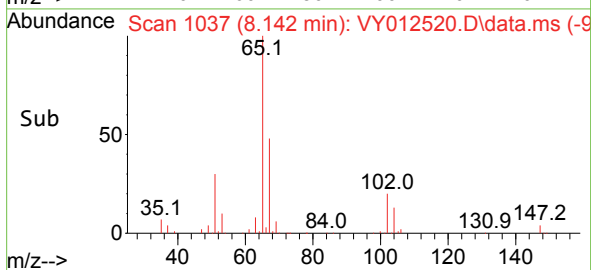
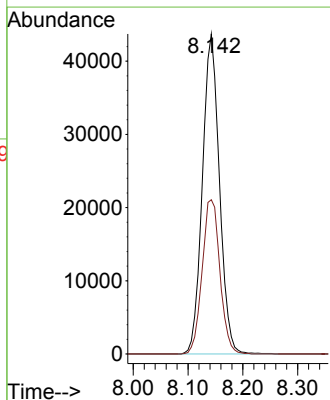
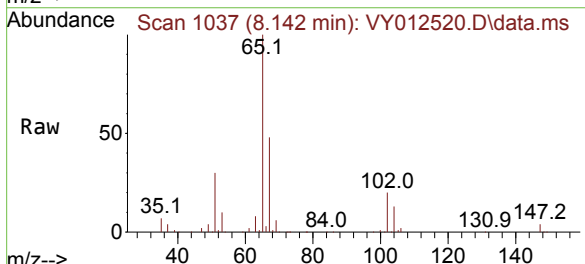
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-020623

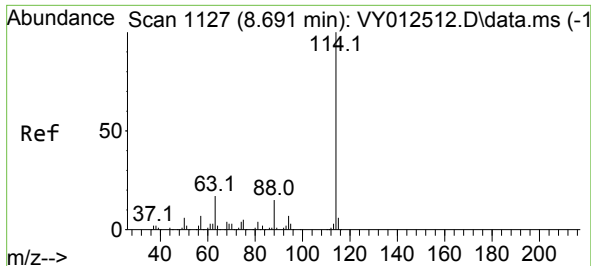
Tgt Ion: 56 Resp: 3040
Ion Ratio Lower Upper
56 100
69 165.7 29.5 44.3#
84 104.9 81.9 122.9



#33
1,2-Dichloroethane-d4
Concen: 43.359 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012520.D
Acq: 07 Feb 2023 15:50

Tgt Ion: 65 Resp: 94165
Ion Ratio Lower Upper
65 100
67 50.2 0.0 98.6

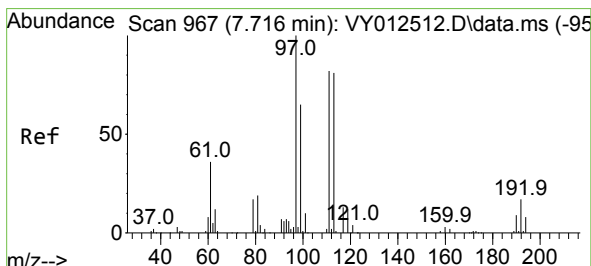
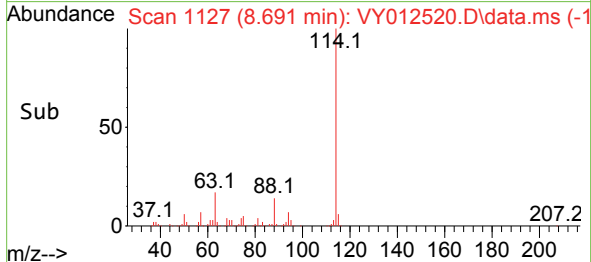
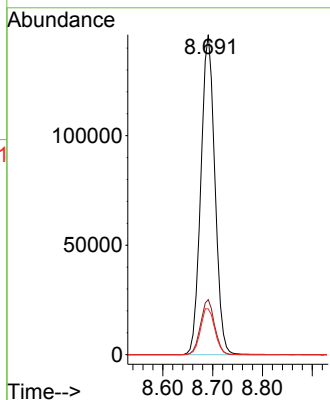
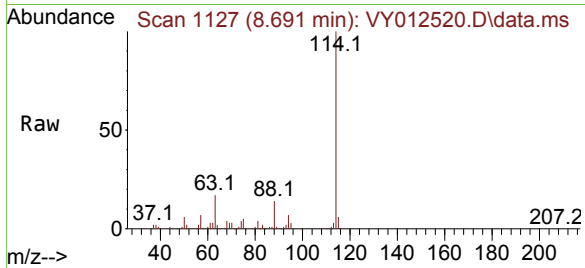




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012520.D
Acq: 07 Feb 2023 15:50

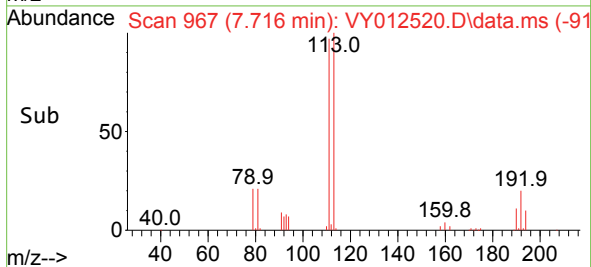
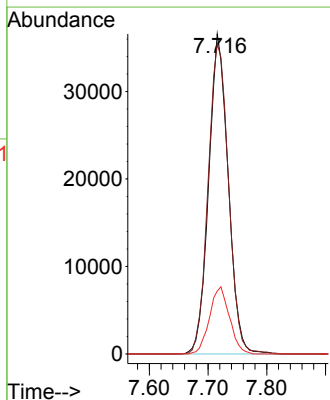
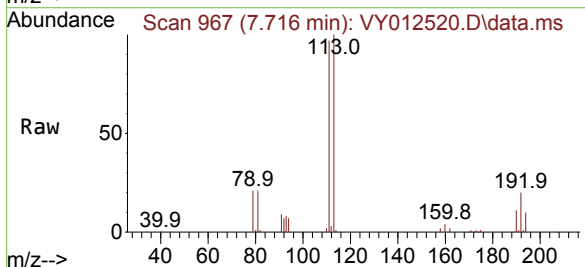
Instrument :
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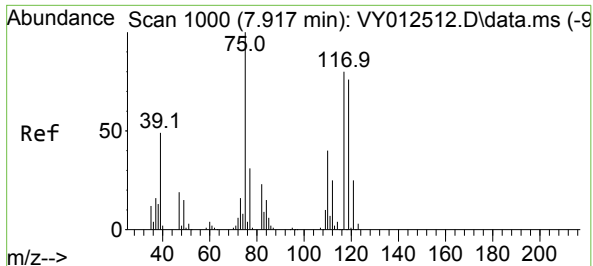
Tgt Ion:114 Resp: 285327
Ion Ratio Lower Upper
114 100
63 17.2 0.0 33.6
88 14.3 0.0 29.8



#35
Dibromofluoromethane
Concen: 40.647 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012520.D
Acq: 07 Feb 2023 15:50

Tgt Ion:113 Resp: 84462
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 21.5 17.5 26.3





#36

1,1-Dichloropropene

Concen: 4.151 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012520.D

Acq: 07 Feb 2023 15:50

Instrument :

MSVOA_Y

ClientSampleId :

OR-2-020623

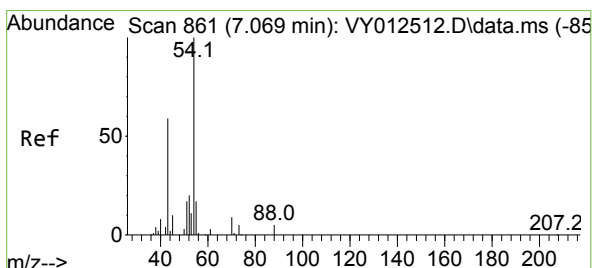
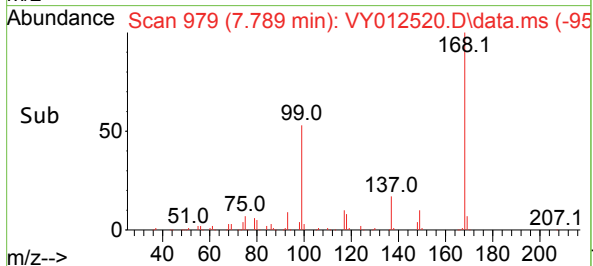
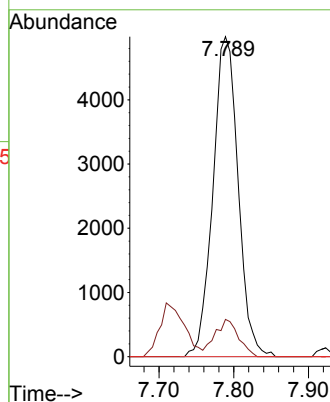
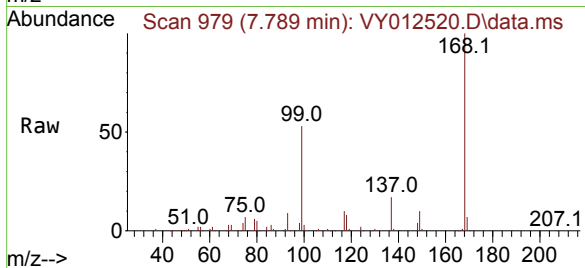
Tgt Ion: 75 Resp: 11673

Ion Ratio Lower Upper

75 100

110 10.9 19.5 58.5#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 1.171 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.085 min

Lab File: VY012520.D

Acq: 07 Feb 2023 15:50

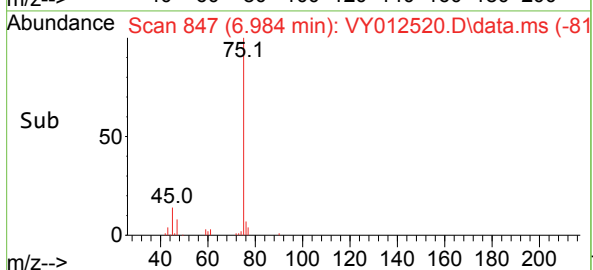
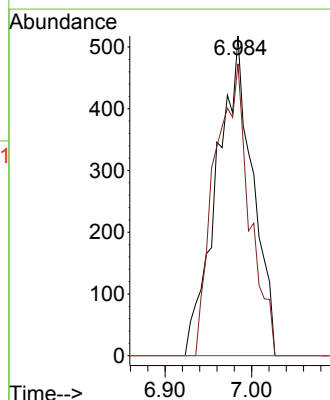
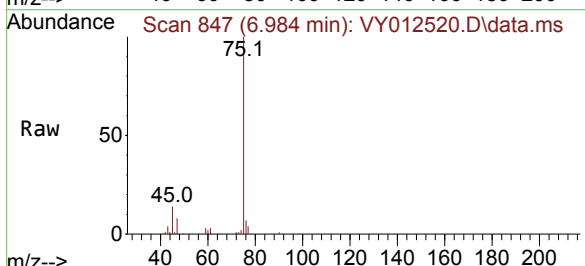
Tgt Ion: 43 Resp: 1486

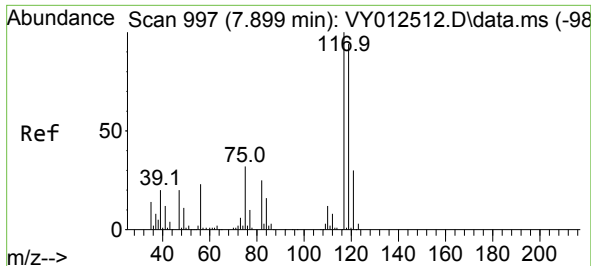
Ion Ratio Lower Upper

43 100

61 88.4 12.5 18.7#

70 0.0 11.0 16.4#

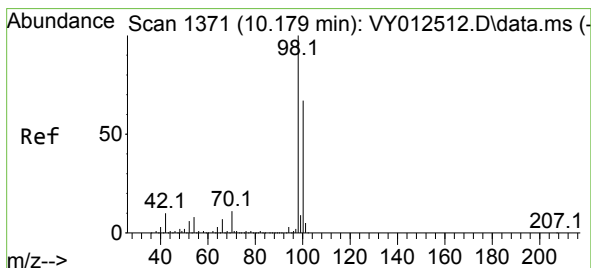
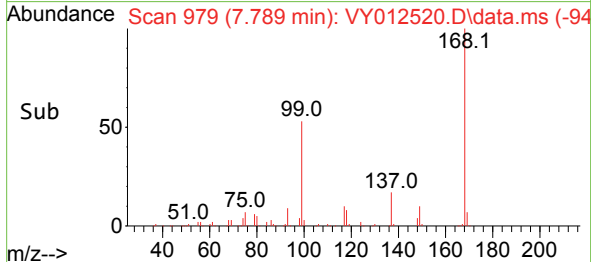
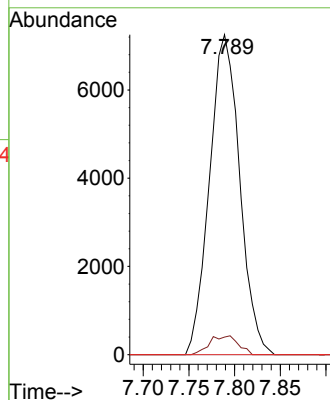
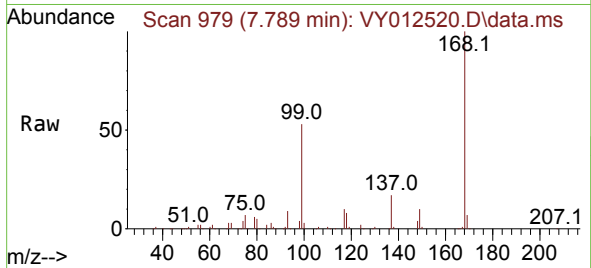




#38
Carbon Tetrachloride
Concen: 4.413 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012520.D
Acq: 07 Feb 2023 15:50

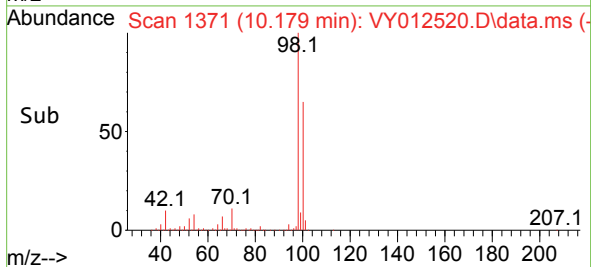
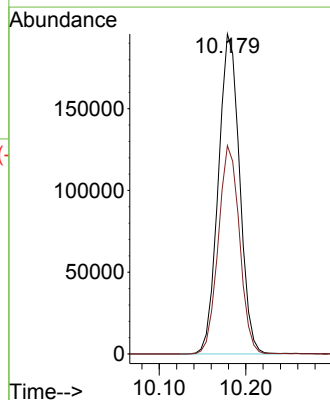
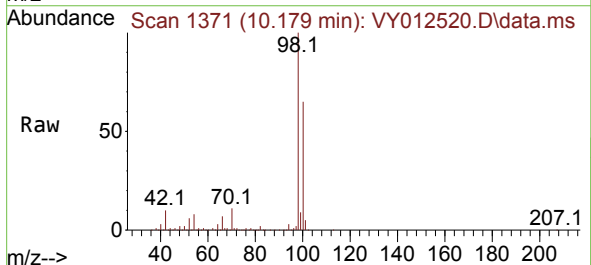
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-020623

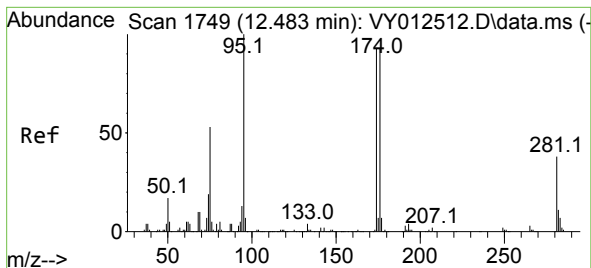
Tgt Ion:117 Resp: 16661
Ion Ratio Lower Upper
117 100
119 5.5 75.1 112.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 38.567 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012520.D
Acq: 07 Feb 2023 15:50

Tgt Ion: 98 Resp: 333562
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2

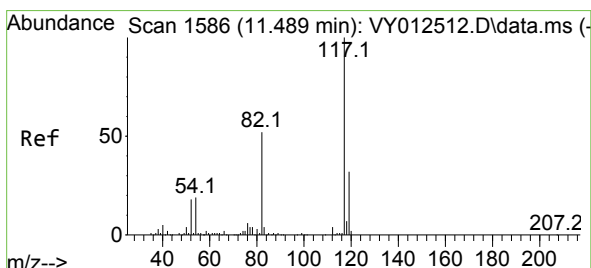
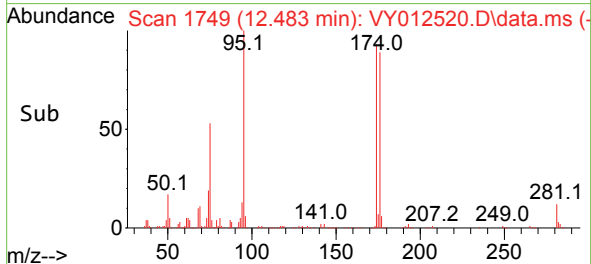
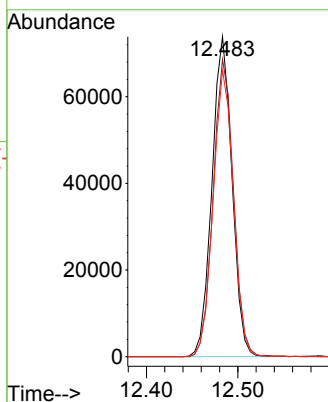
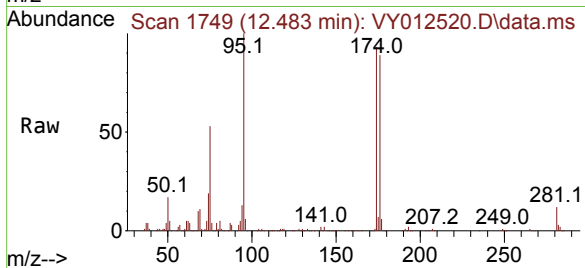




#62
4-Bromofluorobenzene
Concen: 37.382 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012520.D
Acq: 07 Feb 2023 15:50

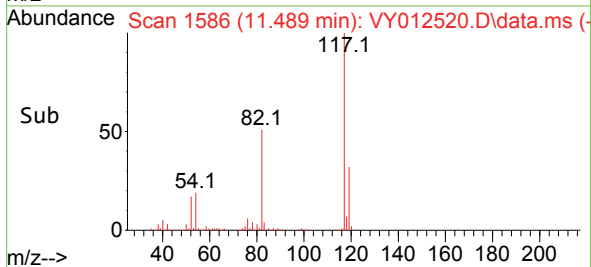
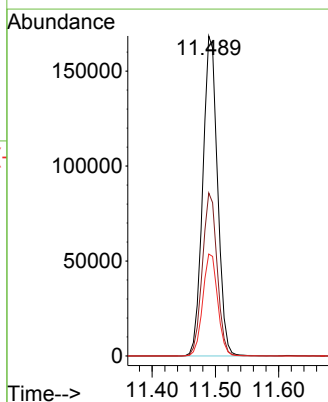
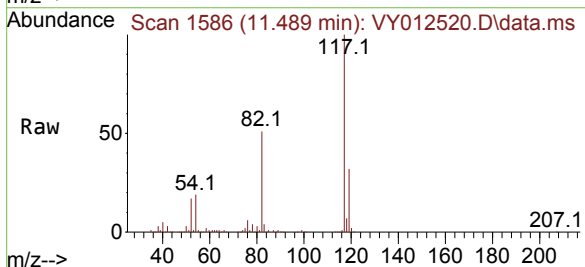
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-020623

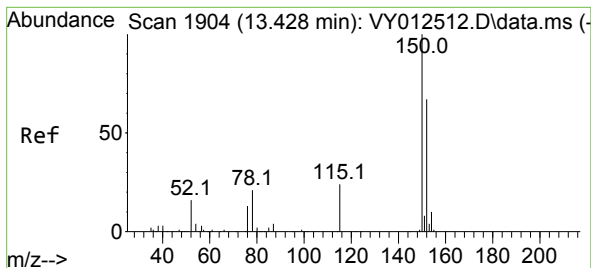
Tgt Ion: 95 Resp: 112773
Ion Ratio Lower Upper
95 100
174 94.2 0.0 188.0
176 90.2 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012520.D
Acq: 07 Feb 2023 15:50

Tgt Ion: 117 Resp: 274295
Ion Ratio Lower Upper
117 100
82 51.0 41.7 62.5
119 31.9 25.8 38.8

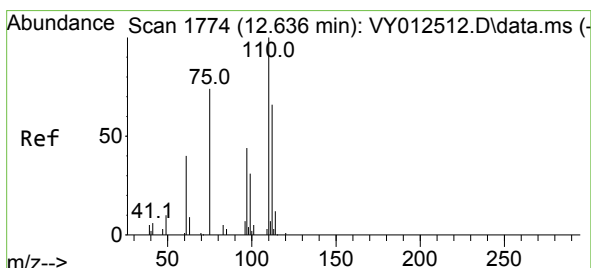
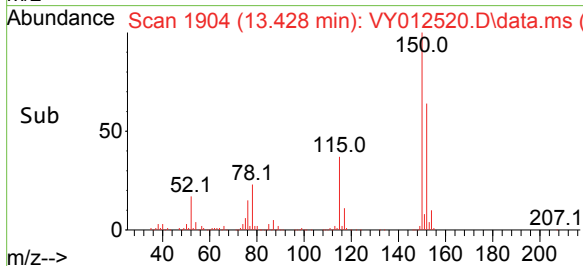
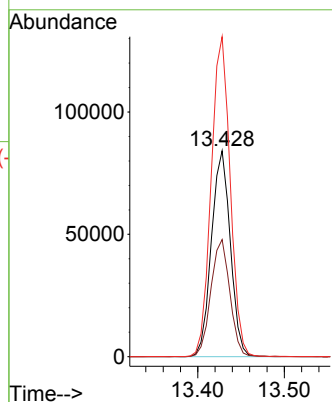
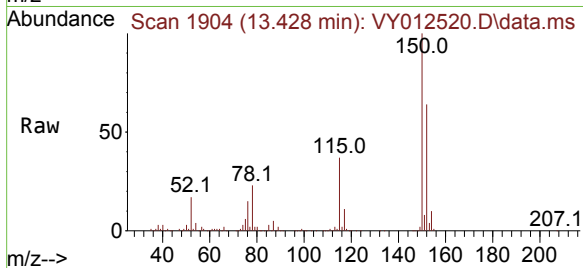




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012520.D
 Acq: 07 Feb 2023 15:50

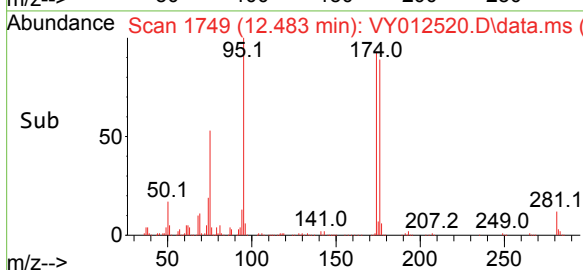
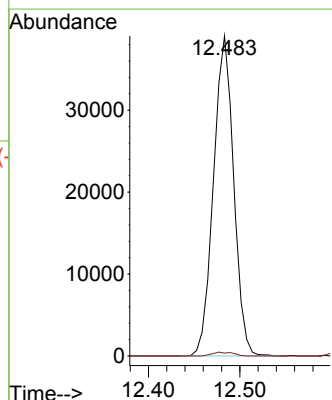
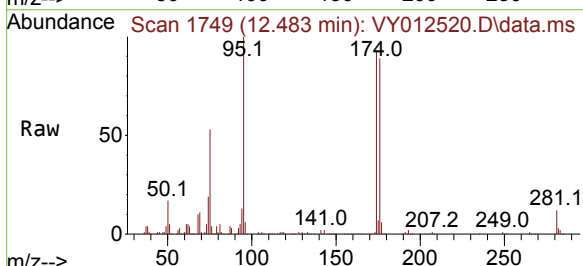
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-2-020623

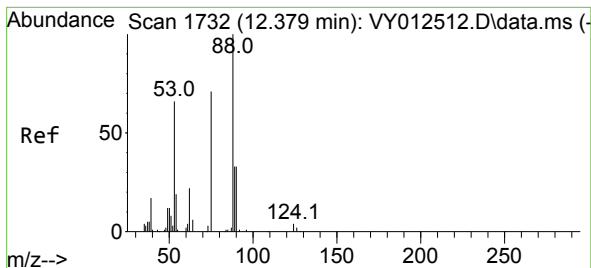
Tgt Ion:152 Resp: 127588
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.1 84.3
 150 156.6 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 42.020 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY012520.D
 Acq: 07 Feb 2023 15:50

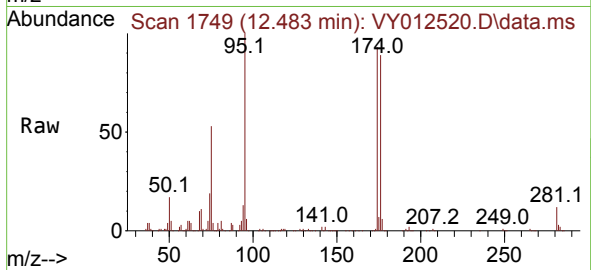
Tgt Ion: 75 Resp: 59898
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.758 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012520.D
 Acq: 07 Feb 2023 15:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-2-020623



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.1	109.7#
89	0.1	39.9	59.9#

