

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030123\
 Data File : VY012745.D
 Acq On : 01 Mar 2023 12:43
 Operator : KP/MD
 Sample : 01728-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-022723

Quant Time: Mar 02 02:04:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	137035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	225934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86040	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	94645	58.479	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.960%
35) Dibromofluoromethane	7.716	113	91345	59.858	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.720%
50) Toluene-d8	10.179	98	313010	54.749	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.500%
62) 4-Bromofluorobenzene	12.483	95	97965	53.546	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.100%

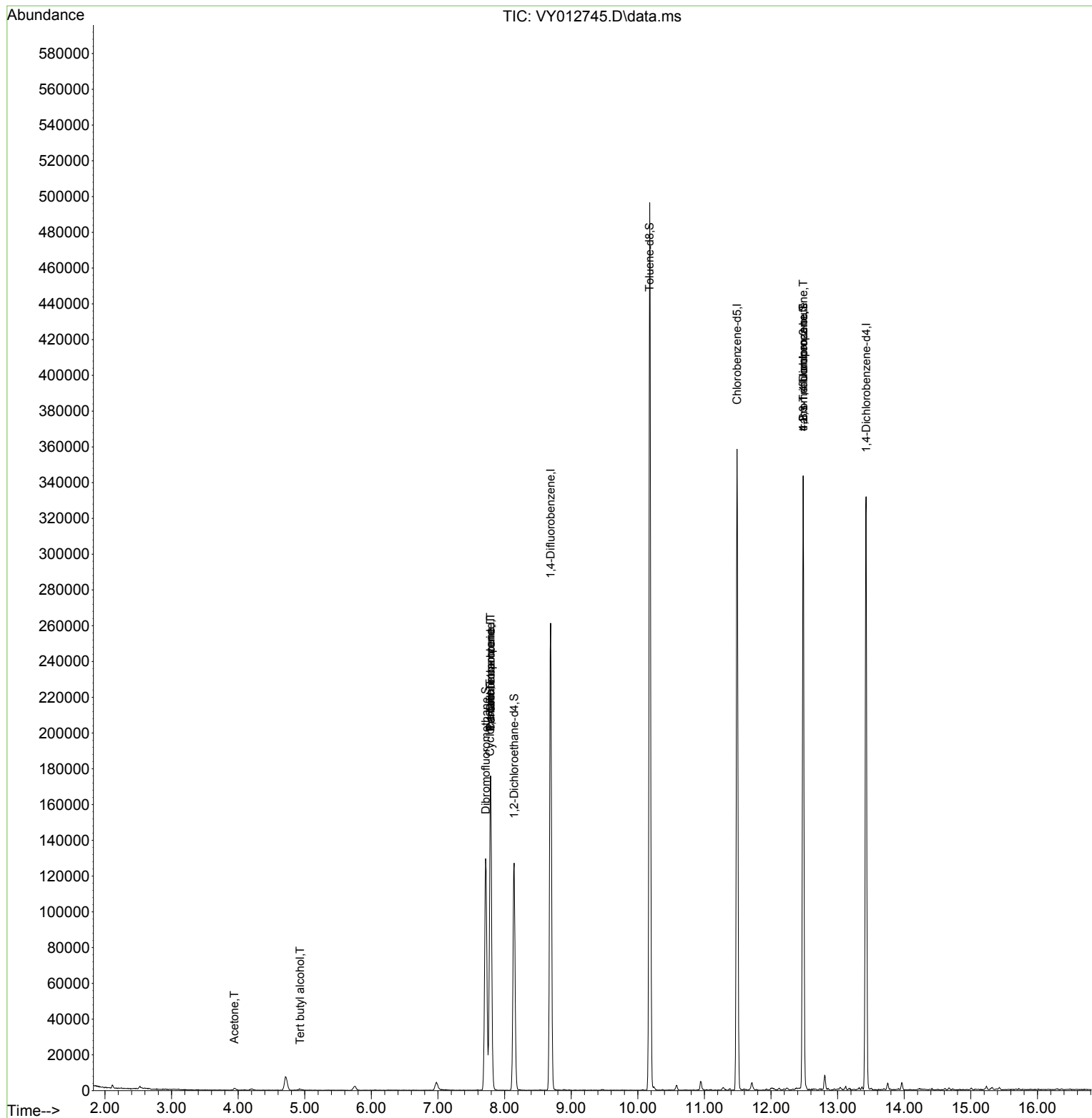
Target Compounds					Qvalue	
3) Chloromethane	2.113	50	1603	Below Cal	#	85
11) Tert butyl alcohol	4.930	59	721	4.073	ug/l #	74
16) Acetone	3.942	43	1851	3.505	ug/l	94
20) Methylene Chloride	4.710	84	5515	Below Cal		94
31) Cyclohexane	7.783	56	3072	1.093	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10037	4.149	ug/l #	49
38) Carbon Tetrachloride	7.789	117	13044	5.215	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.776	63	20	Below Cal	#	49
76) 1,2,3-Trichloropropane	12.483	75	50613	47.186	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50613	99.963	ug/l #	10

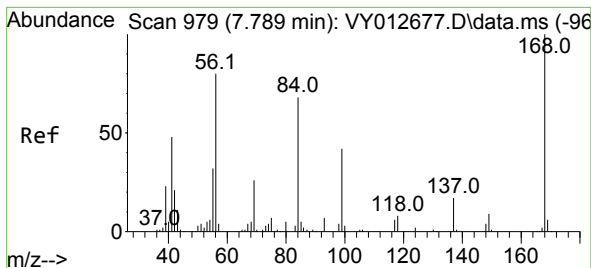
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:21:05 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY012745.D

Acq: 01 Mar 2023 12:43

Instrument :

MSVOA_Y

ClientSampleId :

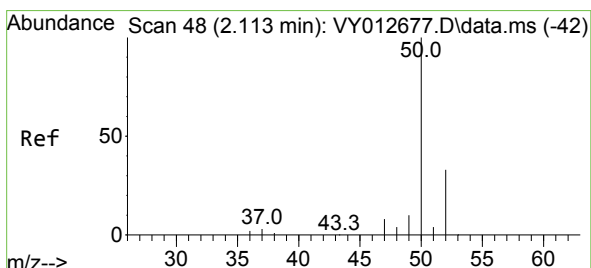
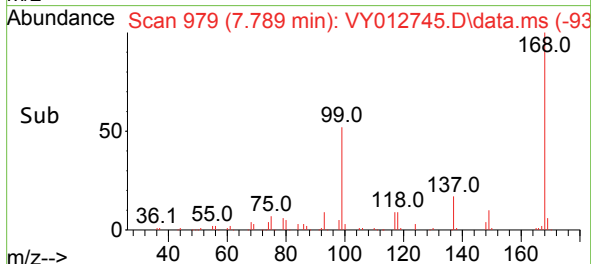
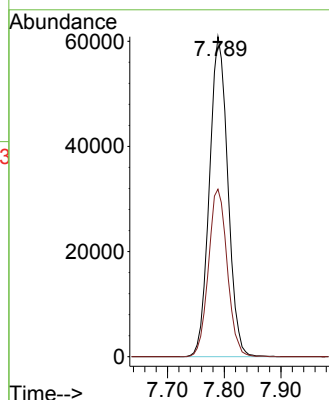
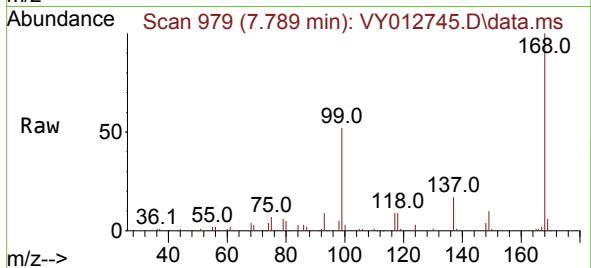
OR-03-022723

Tgt Ion:168 Resp: 137035

Ion Ratio Lower Upper

168 100

99 52.3 45.4 68.2



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY012745.D

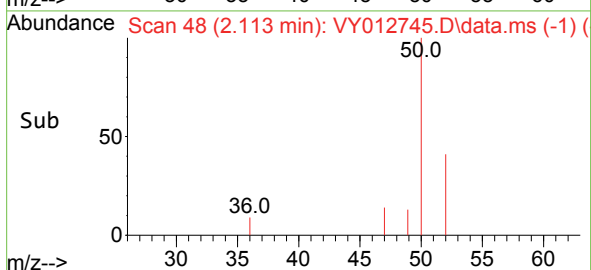
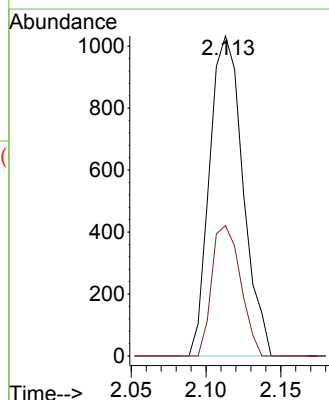
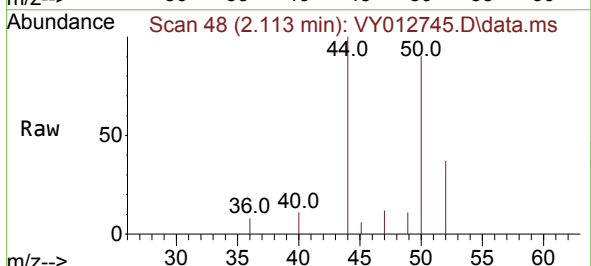
Acq: 01 Mar 2023 12:43

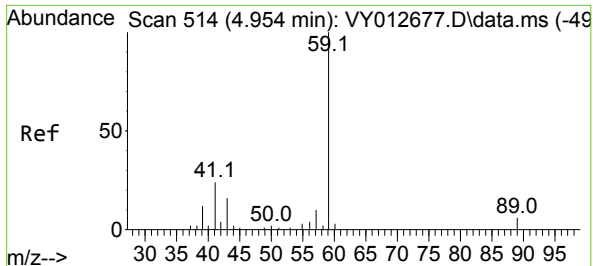
Tgt Ion: 50 Resp: 1603

Ion Ratio Lower Upper

50 100

52 40.8 26.1 39.1#





#11

Tert butyl alcohol

Concen: 4.073 ug/l

RT: 4.930 min Scan# 514

Delta R.T. -0.025 min

Lab File: VY012745.D

Acq: 01 Mar 2023 12:43

Instrument :

MSVOA_Y

ClientSampleId :

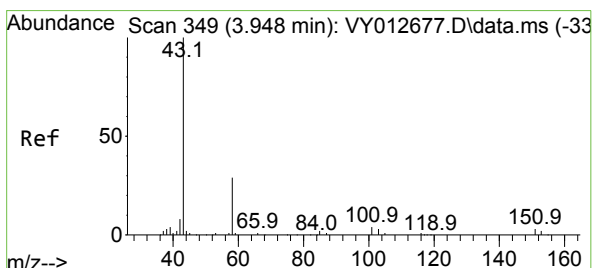
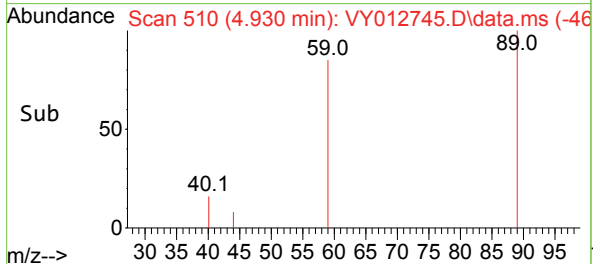
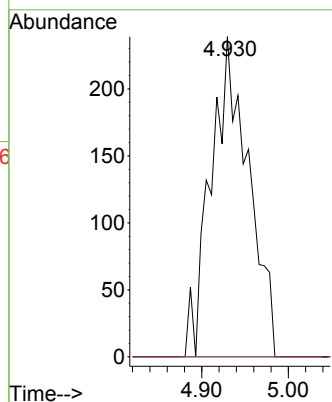
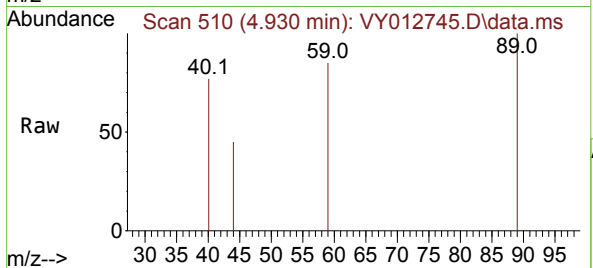
OR-03-022723

Tgt Ion: 59 Resp: 721

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#16

Acetone

Concen: 3.505 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY012745.D

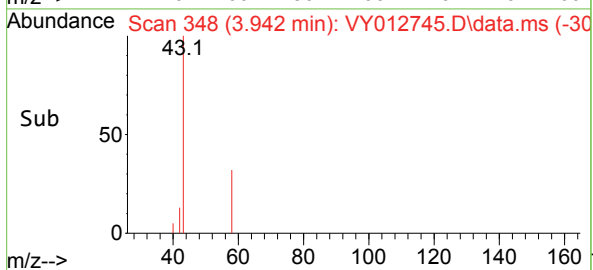
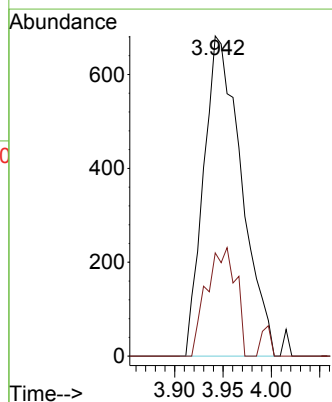
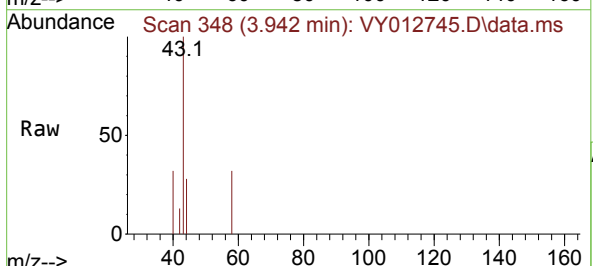
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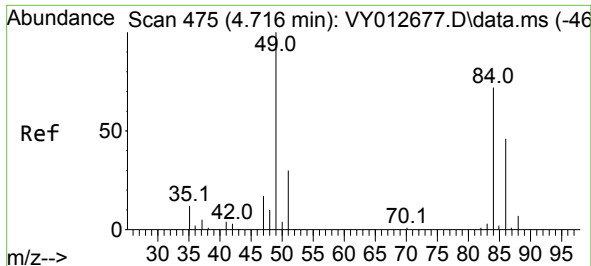
Tgt Ion: 43 Resp: 1851

Ion Ratio Lower Upper

43 100

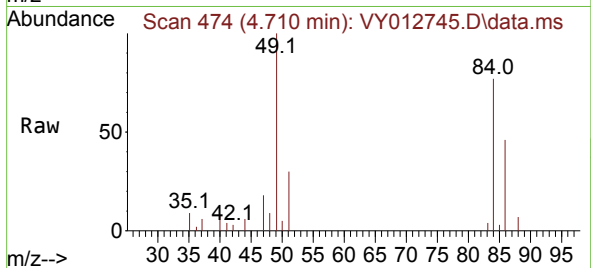
58 32.3 23.3 34.9





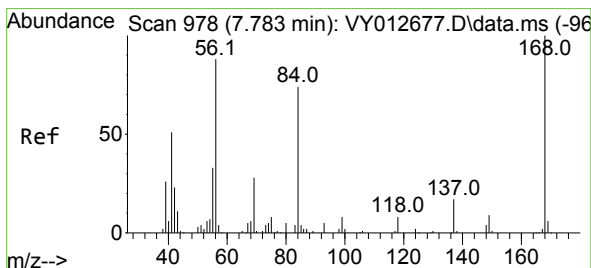
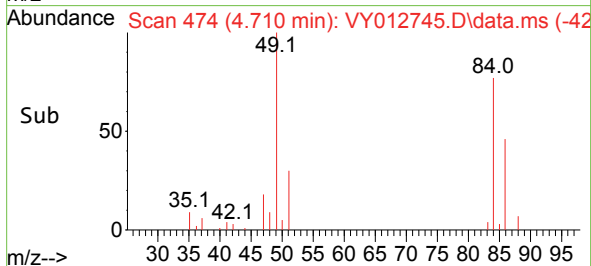
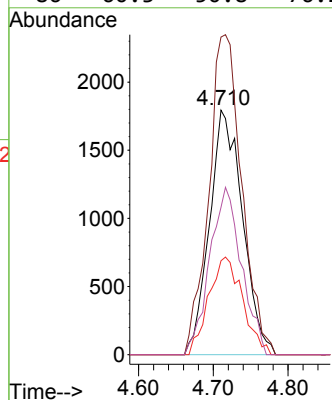
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY012745.D
Acq: 01 Mar 2023 12:43

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-022723



Tgt Ion: 84 Resp: 5515

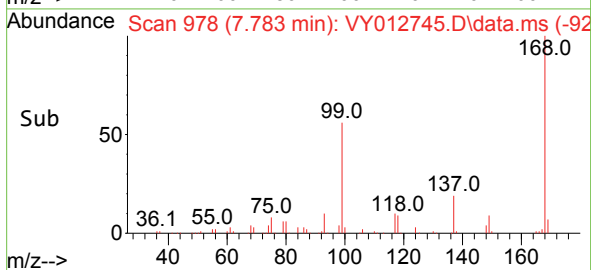
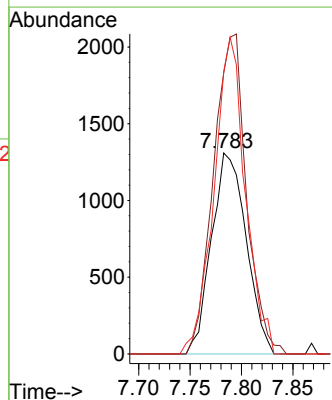
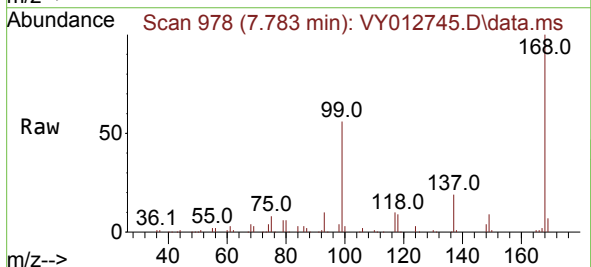
Ion	Ratio	Lower	Upper
84	100		
49	129.9	111.1	166.7
51	38.4	33.5	50.3
86	60.3	50.8	76.2

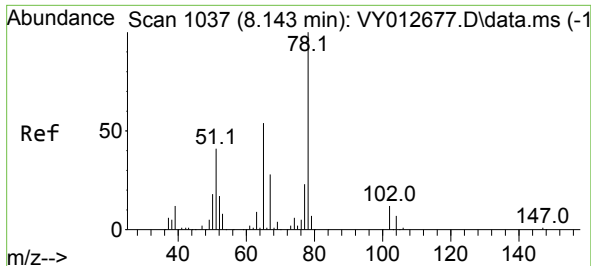


#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY012745.D
Acq: 01 Mar 2023 12:43

Tgt Ion: 56 Resp: 3072

Ion	Ratio	Lower	Upper
56	100		
69	139.9	25.4	38.2#
84	140.6	67.3	100.9#

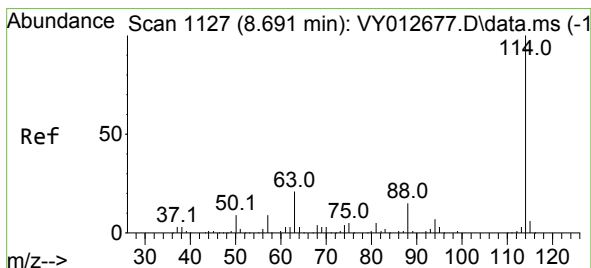
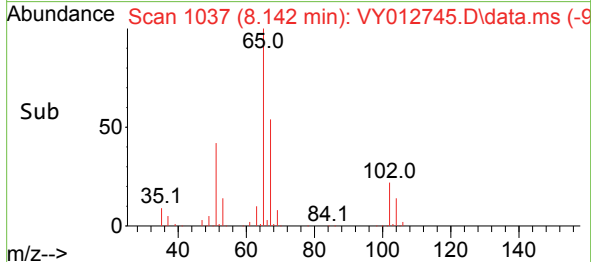
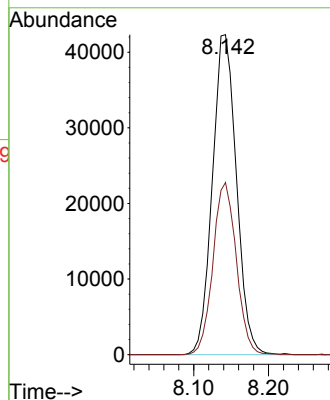
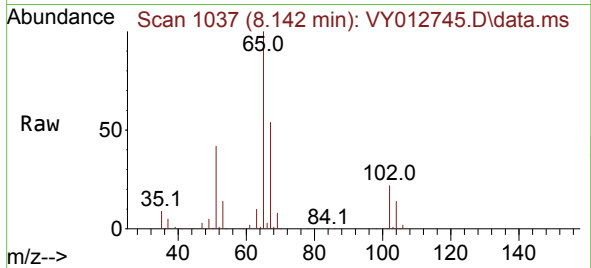




#33
1,2-Dichloroethane-d4
Concen: 58.479 ug/l
RT: 8.142 min Scan# 1103
Delta R.T. -0.001 min
Lab File: VY012745.D
Acq: 01 Mar 2023 12:43

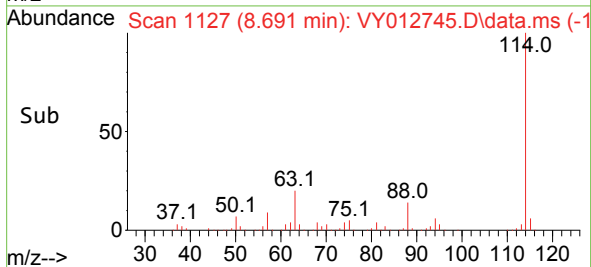
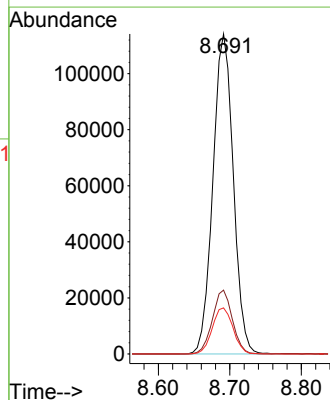
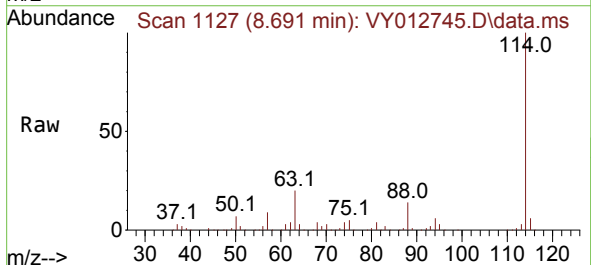
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-022723

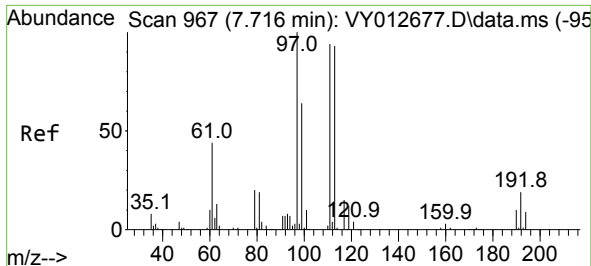
Tgt Ion: 65 Resp: 94645
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012745.D
Acq: 01 Mar 2023 12:43

Tgt Ion: 114 Resp: 225934
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.8
88 14.4 0.0 29.6

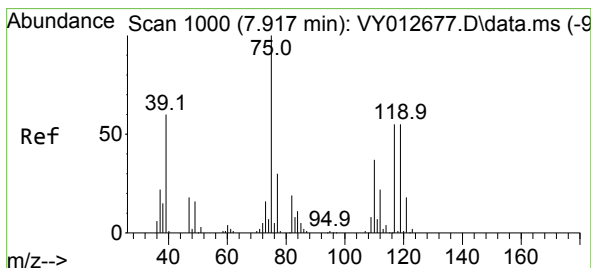
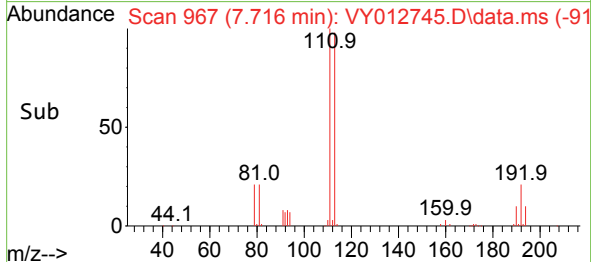
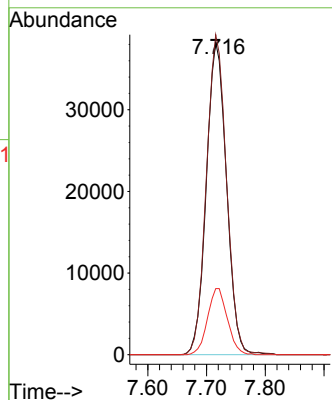
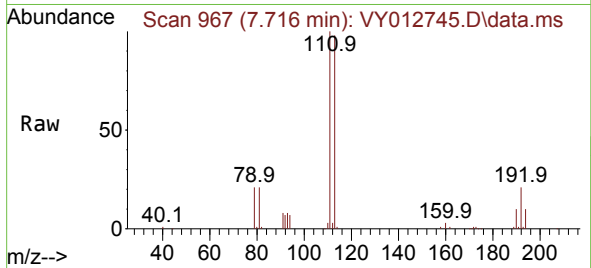




#35
Dibromofluoromethane
Concen: 59.858 ug/l
RT: 7.716 min Scan# 913
Delta R.T. -0.000 min
Lab File: VY012745.D
Acq: 01 Mar 2023 12:43

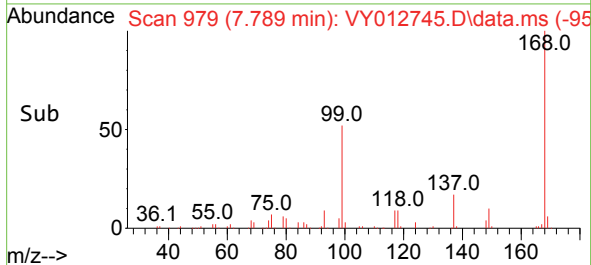
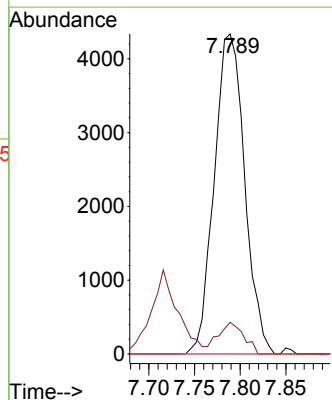
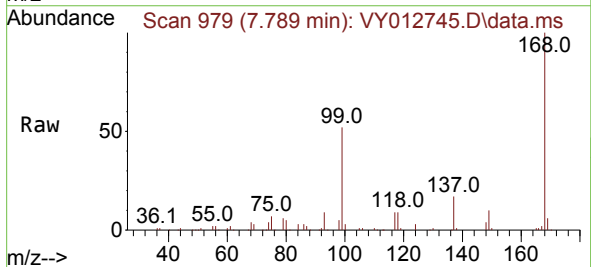
Instrument :
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OR-03-022723

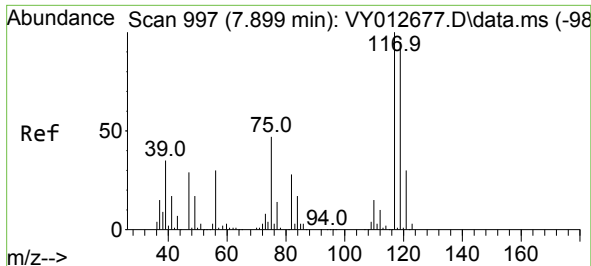
Tgt Ion:113 Resp: 91345
Ion Ratio Lower Upper
113 100
111 102.1 82.0 123.0
192 20.8 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.149 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012745.D
Acq: 01 Mar 2023 12:43

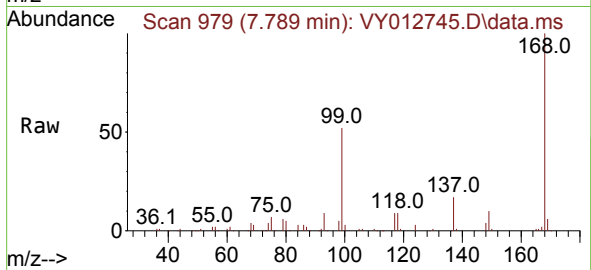
Tgt Ion: 75 Resp: 10037
Ion Ratio Lower Upper
75 100
110 8.6 17.6 52.8#
77 0.0 24.6 37.0#



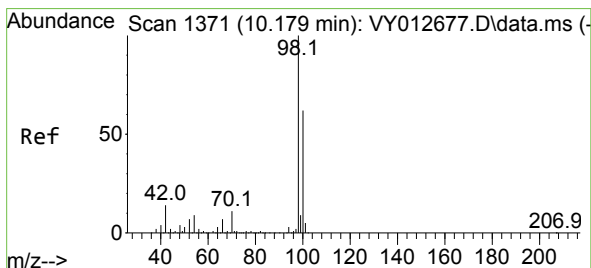
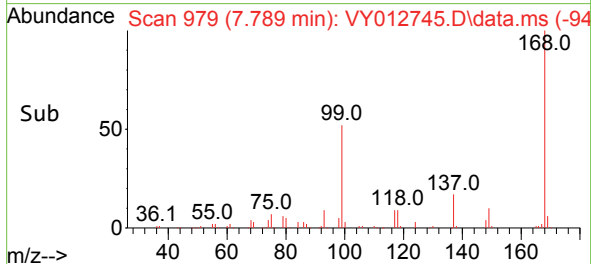
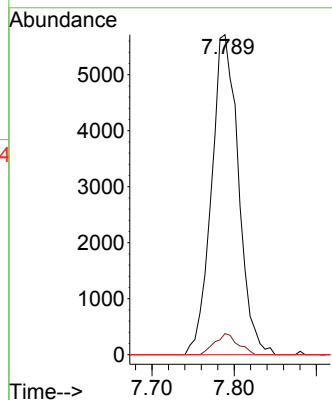


#38
Carbon Tetrachloride
Concen: 5.215 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012745.D
Acq: 01 Mar 2023 12:43

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-022723

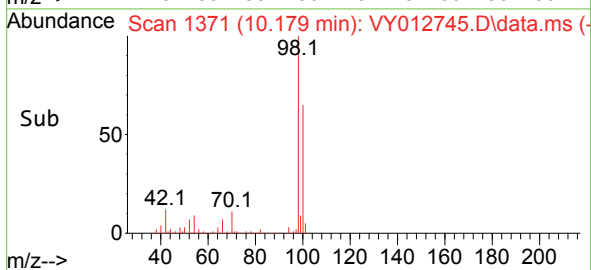
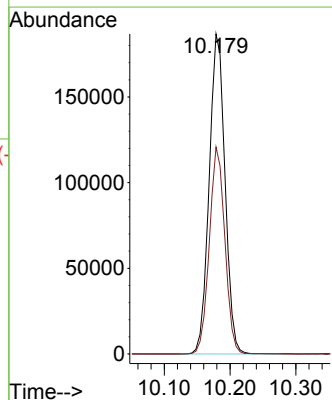
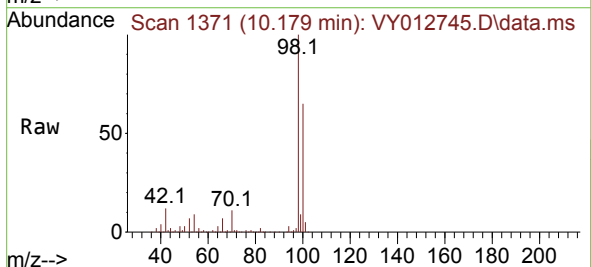


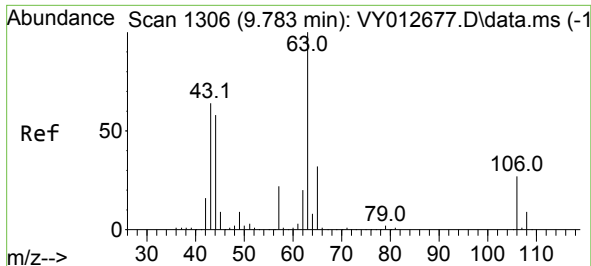
Tgt Ion:117 Resp: 13044
Ion Ratio Lower Upper
117 100
119 6.6 75.5 113.3#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 54.749 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012745.D
Acq: 01 Mar 2023 12:43

Tgt Ion: 98 Resp: 313010
Ion Ratio Lower Upper
98 100
100 63.4 51.2 76.8

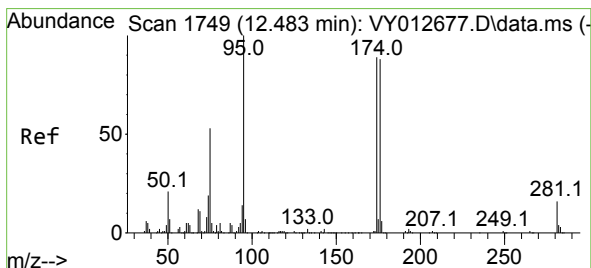
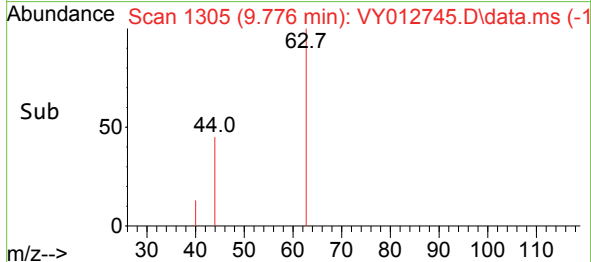
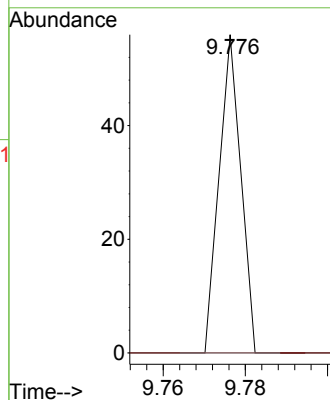
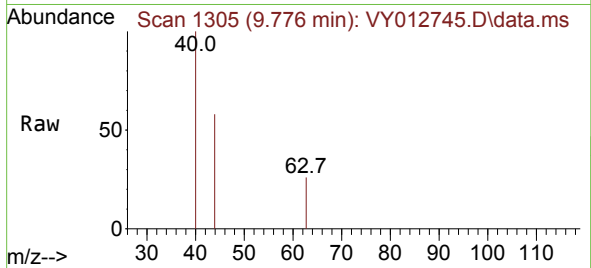




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.776 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY012745.D
Acq: 01 Mar 2023 12:43

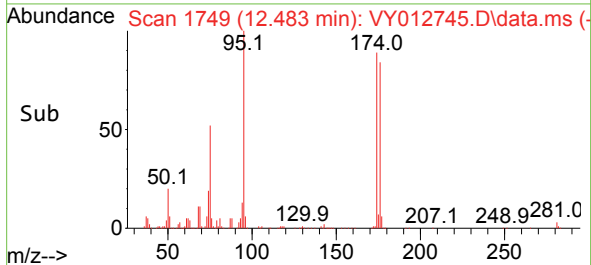
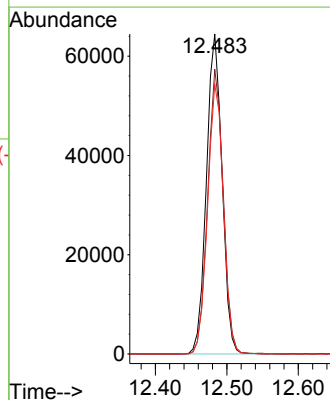
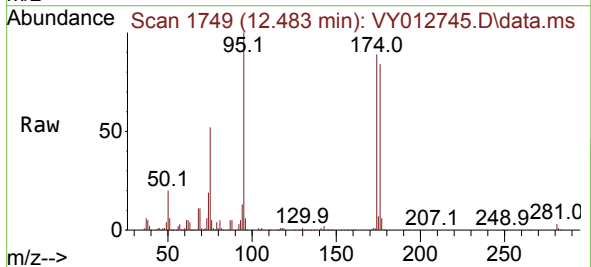
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-022723

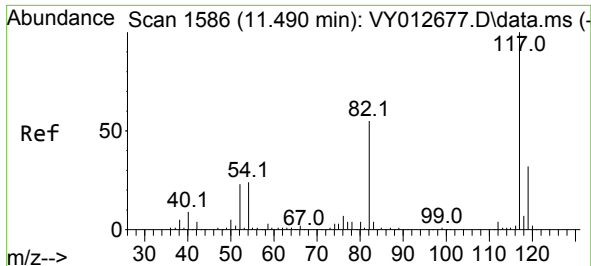
Tgt Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 21.0 31.6#



#62
4-Bromofluorobenzene
Concen: 53.546 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012745.D
Acq: 01 Mar 2023 12:43

Tgt Ion: 95 Resp: 97965
Ion Ratio Lower Upper
95 100
174 88.8 0.0 172.8
176 85.4 0.0 169.4

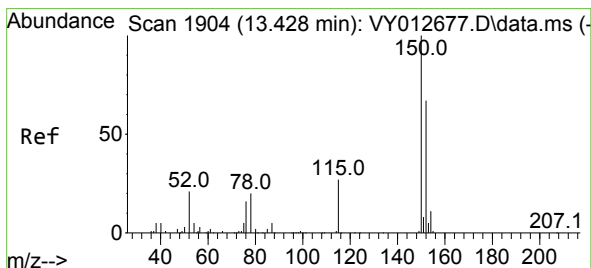
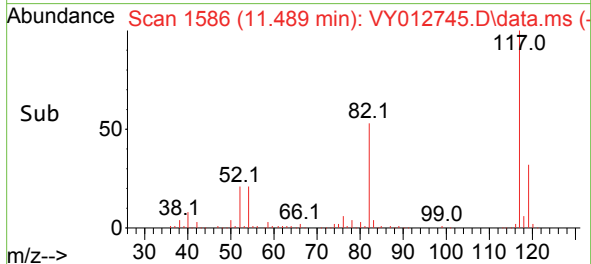
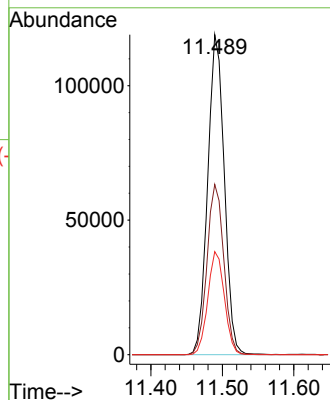
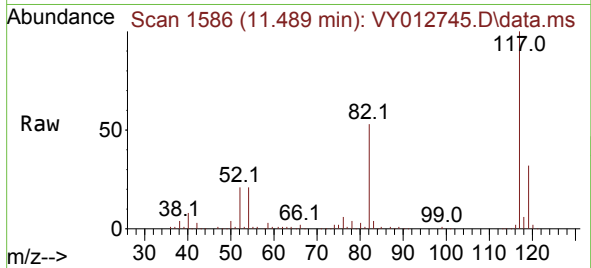




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012745.D
Acq: 01 Mar 2023 12:43

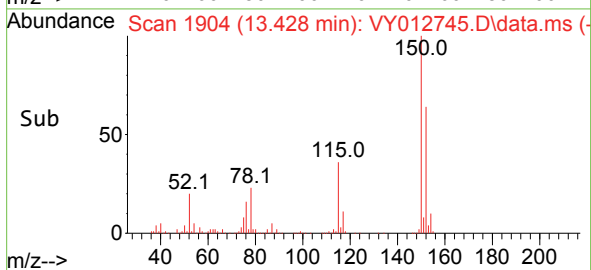
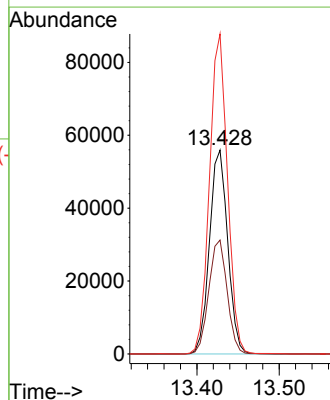
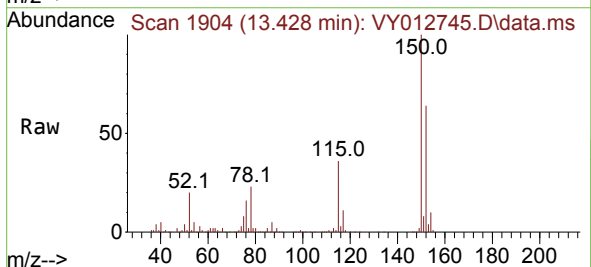
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-022723

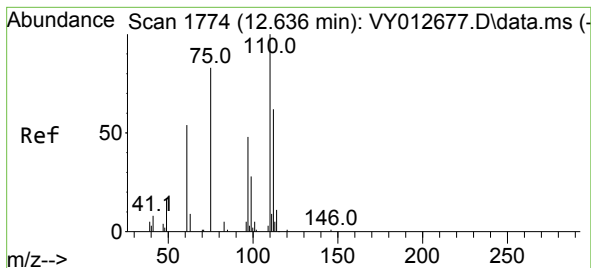
Tgt Ion:117 Resp: 191905
Ion Ratio Lower Upper
117 100
82 53.2 44.1 66.1
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012745.D
Acq: 01 Mar 2023 12:43

Tgt Ion:152 Resp: 86040
Ion Ratio Lower Upper
152 100
115 56.3 28.7 86.3
150 155.0 0.0 347.6





#76

1,2,3-Trichloropropane

Concen: 47.186 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY012745.D

Acq: 01 Mar 2023 12:43

Instrument :

MSVOA_Y

ClientSampleId :

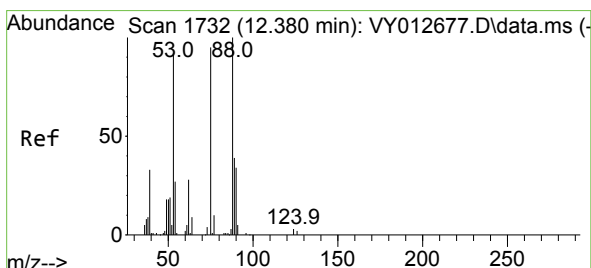
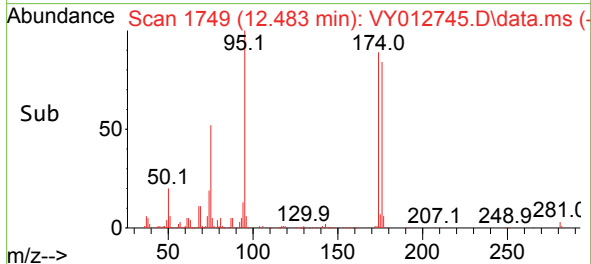
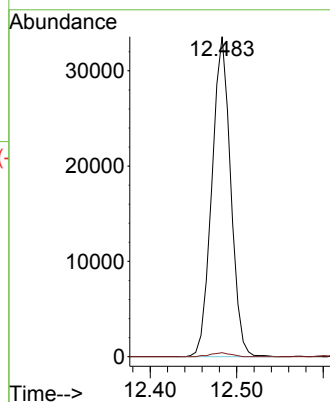
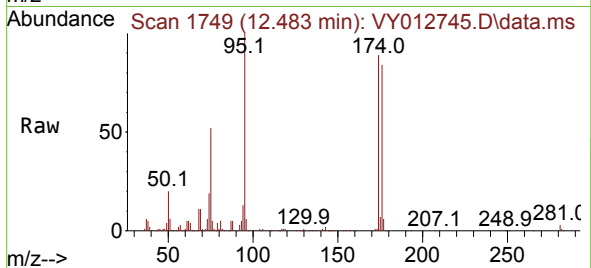
OR-03-022723

Tgt Ion: 75 Resp: 50613

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 99.963 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY012745.D

Acq: 01 Mar 2023 12:43

Tgt Ion: 75 Resp: 50613

Ion Ratio Lower Upper

75 100

53 0.2 80.4 120.6#

89 0.0 36.5 54.7#

