

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014559.D
 Acq On : 05 Jul 2023 15:33
 Operator : KP/MD
 Sample : 03497-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-2-063023RE

Quant Time: Jul 06 01:33:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

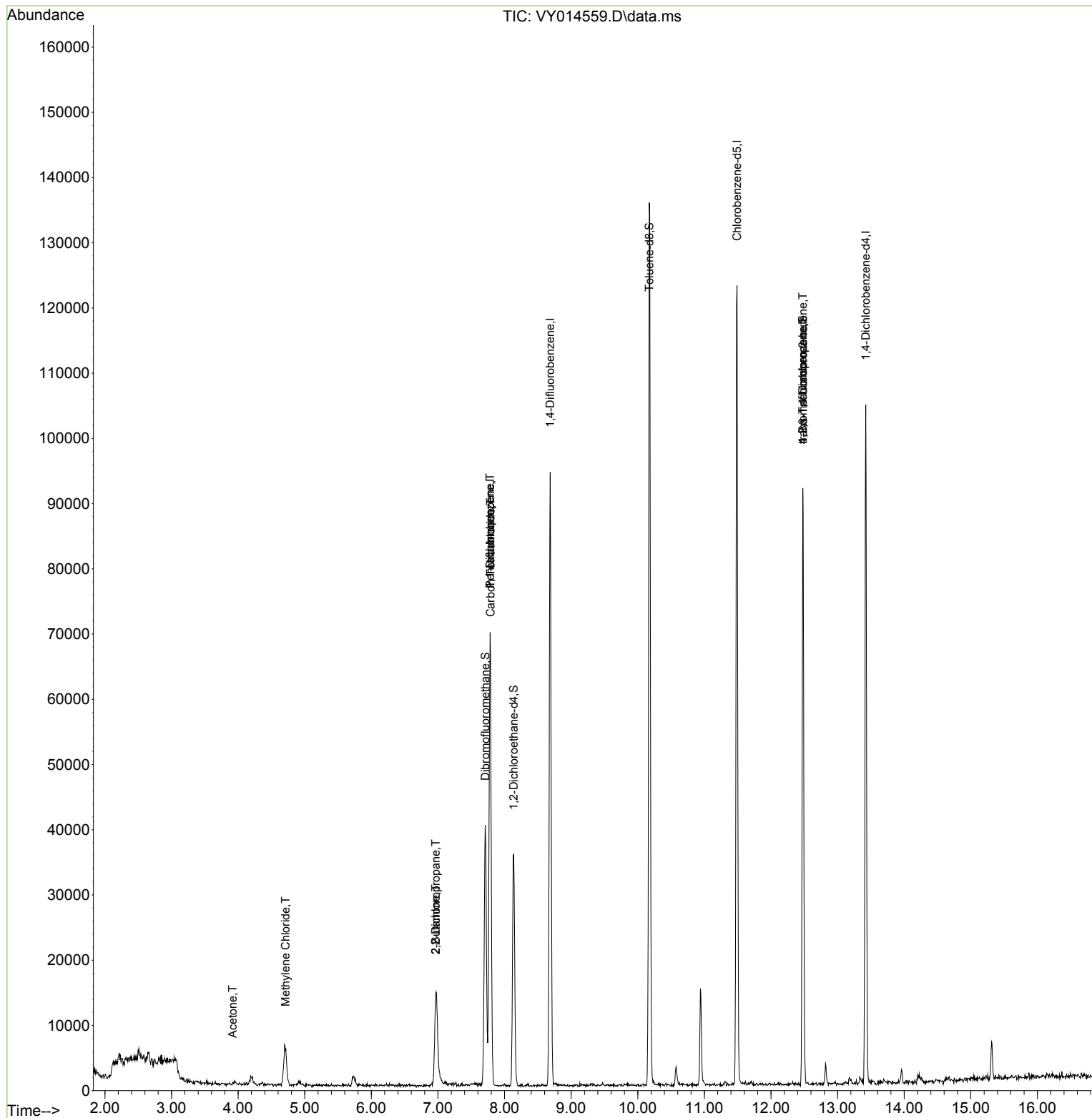
Internal Standards						
1) Pentafluorobenzene	7.783	168	58423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	82562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	74539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	30456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	29007	49.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.820%
35) Dibromofluoromethane	7.710	113	28381	55.822	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.640%
50) Toluene-d8	10.173	98	96455	47.991	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.980%
62) 4-Bromofluorobenzene	12.477	95	26127	37.436	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.880%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	175	Below Cal	#	89
16) Acetone	3.918	43	260	1.433	ug/l #	46
20) Methylene Chloride	4.710	84	4653	2.144	ug/l #	75
25) 2-Butanone	6.966	43	409	1.522	ug/l #	49
26) 2,2-Dichloropropane	6.966	77	1147	1.260	ug/l #	54
36) 1,1-Dichloropropene	7.783	75	4056	5.209	ug/l #	48
38) Carbon Tetrachloride	7.789	117	5134	6.317	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	12444	34.819	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	12444	67.772	ug/l #	10

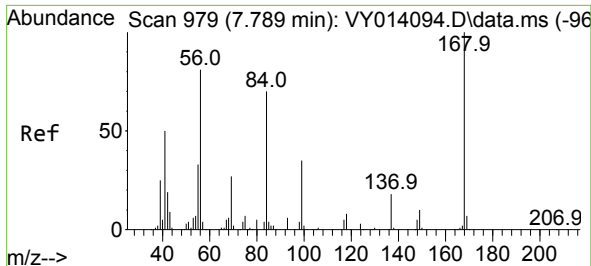
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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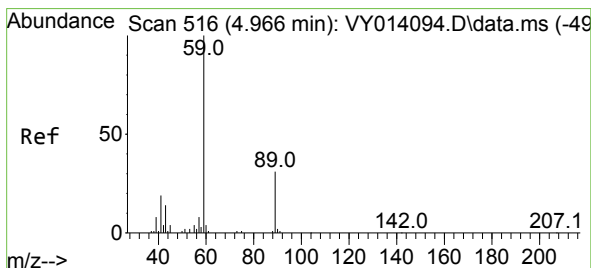
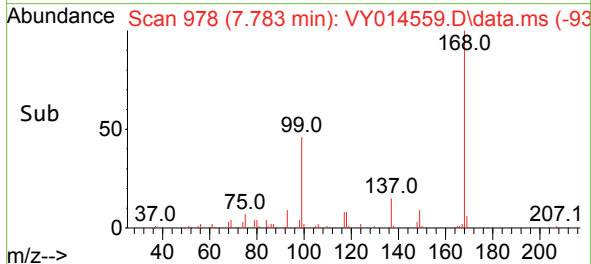
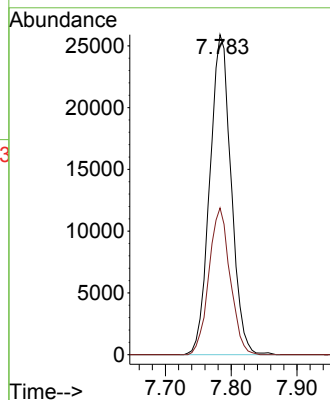
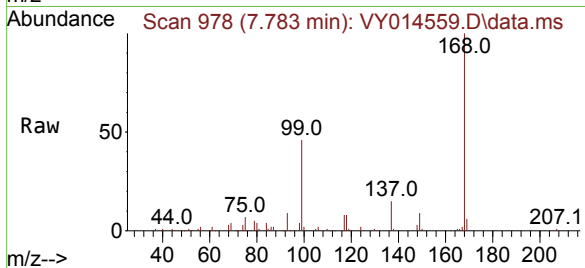




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014559.D
Acq: 05 Jul 2023 15:33

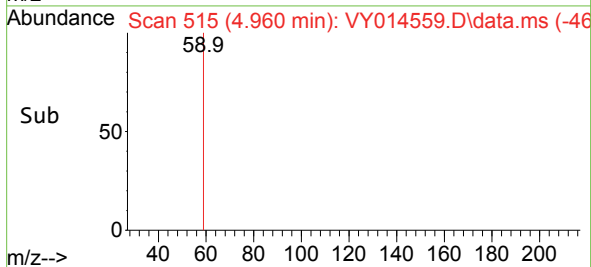
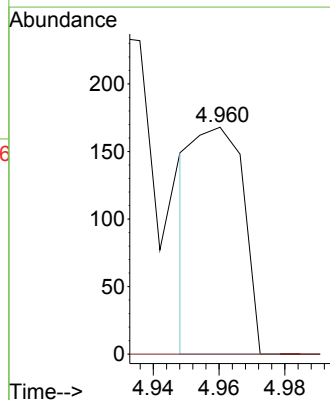
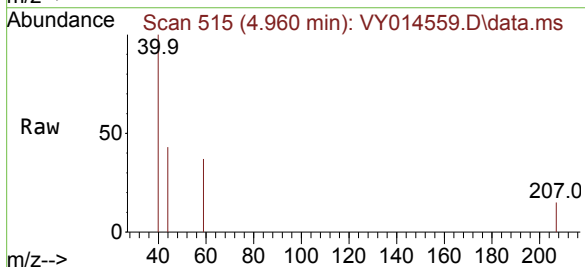
Instrument :
MSVOA_Y
ClientSampleId :
OK-2-063023RE

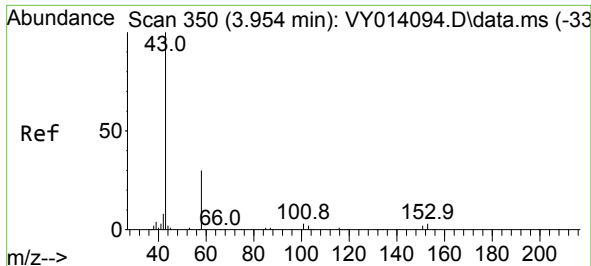
Tgt Ion:168 Resp: 58423
Ion Ratio Lower Upper
168 100
99 45.9 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY014559.D
Acq: 05 Jul 2023 15:33

Tgt Ion: 59 Resp: 175
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

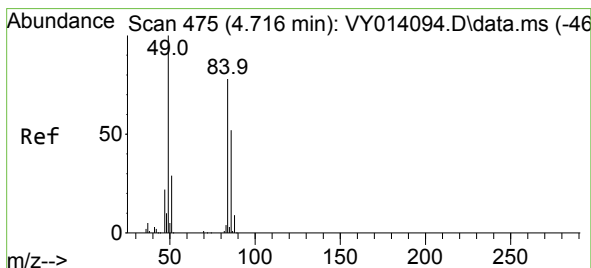
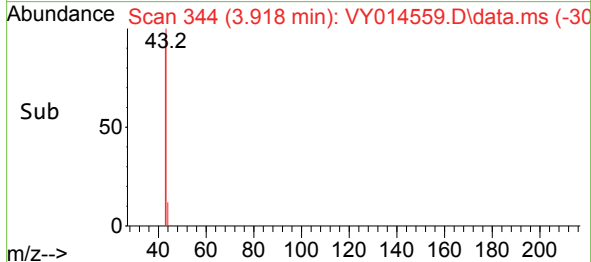
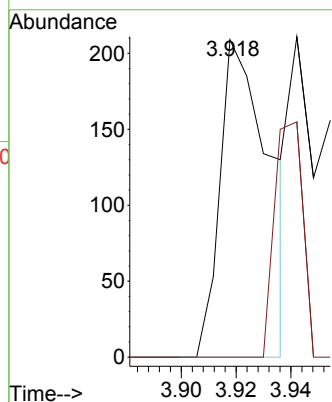
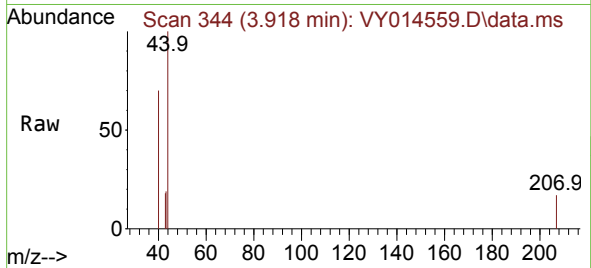




#16
Acetone
Concen: 1.433 ug/l
RT: 3.918 min Scan# 34
Delta R.T. -0.036 min
Lab File: VY014559.D
Acq: 05 Jul 2023 15:33

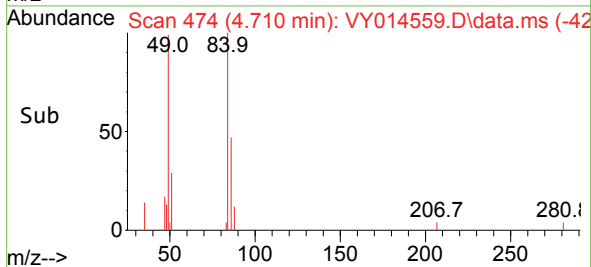
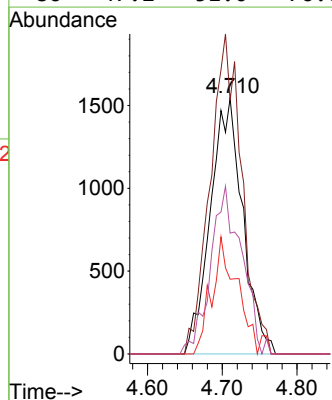
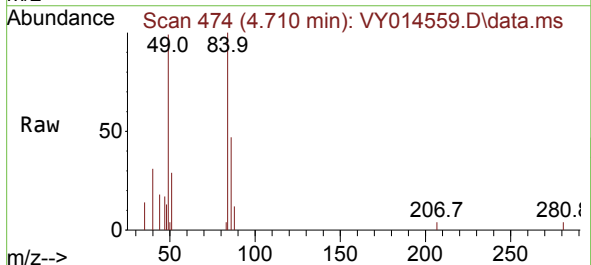
Instrument :
MSVOA_Y
ClientSampleId :
OK-2-063023RE

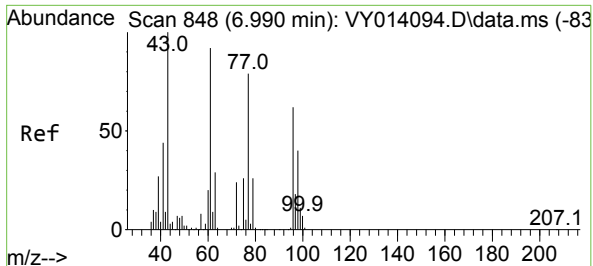
Tgt Ion: 43 Resp: 260
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#20
Methylene Chloride
Concen: 2.144 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014559.D
Acq: 05 Jul 2023 15:33

Tgt Ion: 84 Resp: 4653
Ion Ratio Lower Upper
84 100
49 99.1 106.9 160.3#
51 29.2 33.2 49.8#
86 47.2 51.0 76.6#





#25

2-Butanone

Concen: 1.522 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.024 min

Lab File: VY014559.D

Acq: 05 Jul 2023 15:33

Instrument :

MSVOA_Y

ClientSampleId :

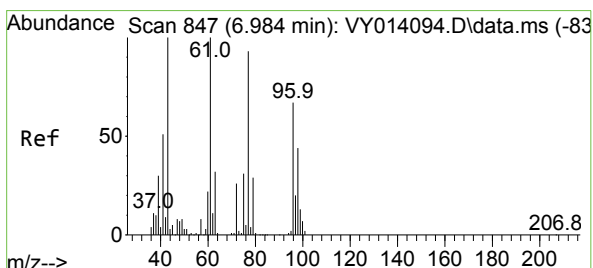
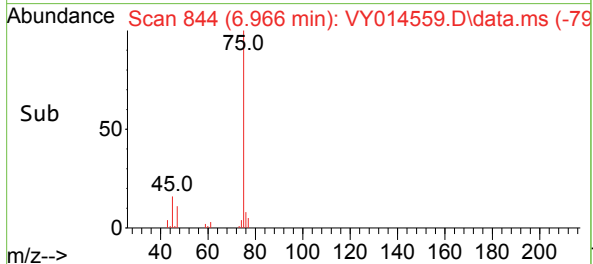
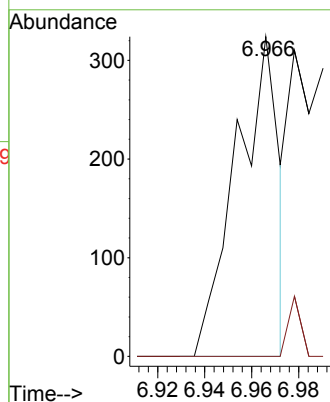
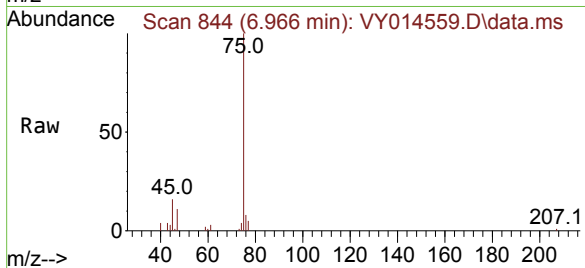
OK-2-063023RE

Tgt Ion: 43 Resp: 409

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.260 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.018 min

Lab File: VY014559.D

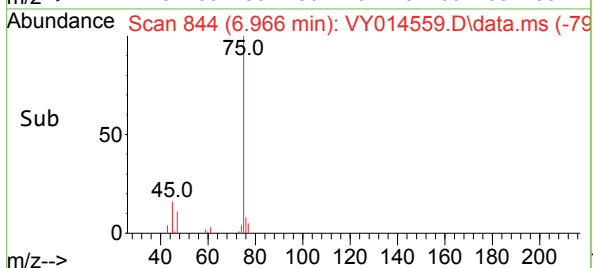
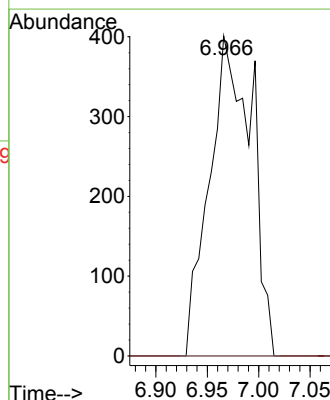
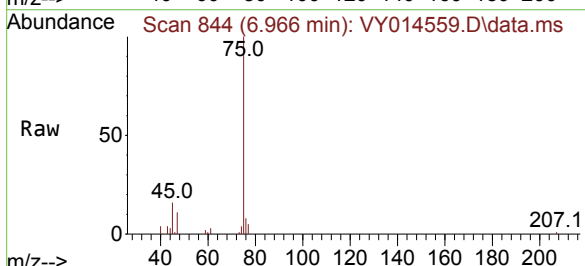
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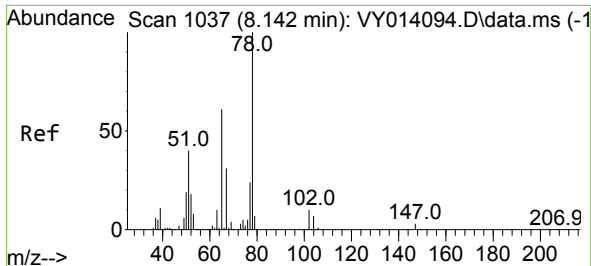
Tgt Ion: 77 Resp: 1147

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#

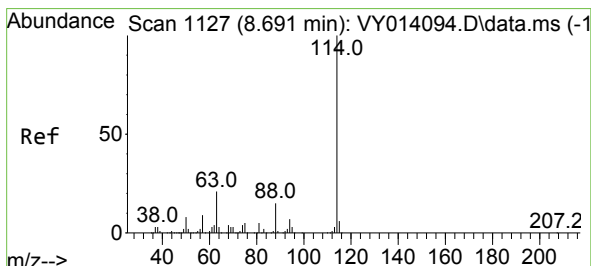
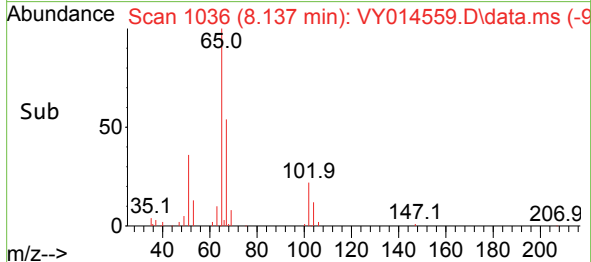
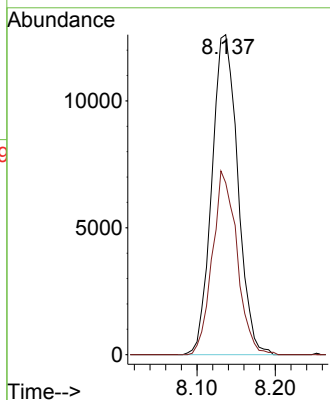
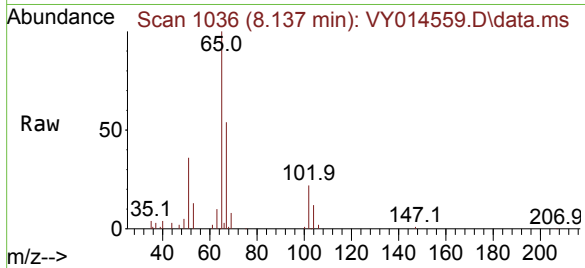




#33
1,2-Dichloroethane-d4
Concen: 49.910 ug/l
RT: 8.137 min Scan# 1103
Delta R.T. -0.005 min
Lab File: VY014559.D
Acq: 05 Jul 2023 15:33

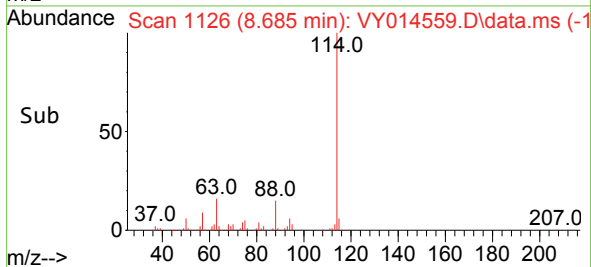
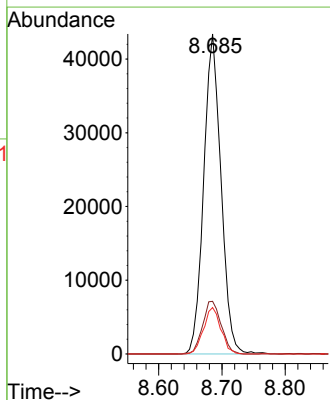
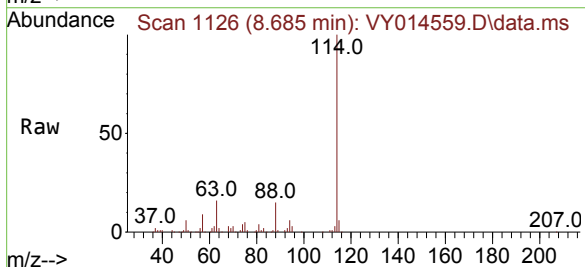
Instrument :
MSVOA_Y
ClientSampleId :
OK-2-063023RE

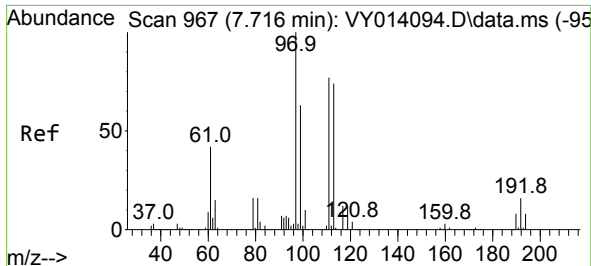
Tgt Ion: 65 Resp: 29007
Ion Ratio Lower Upper
65 100
67 54.4 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014559.D
Acq: 05 Jul 2023 15:33

Tgt Ion: 114 Resp: 82562
Ion Ratio Lower Upper
114 100
63 16.4 0.0 42.4
88 14.5 0.0 30.6

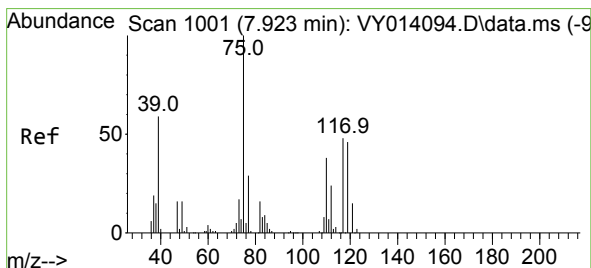
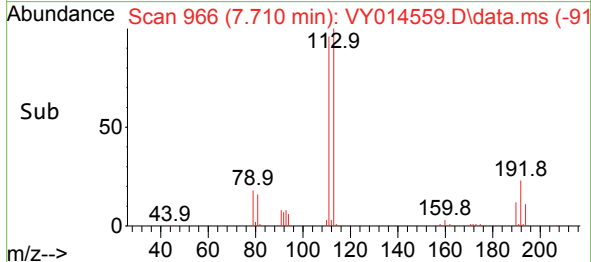
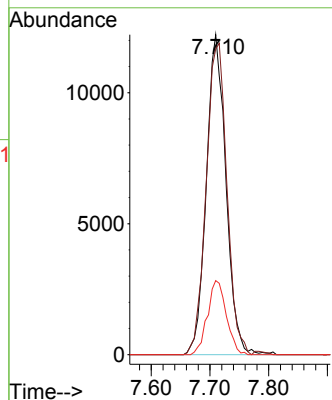
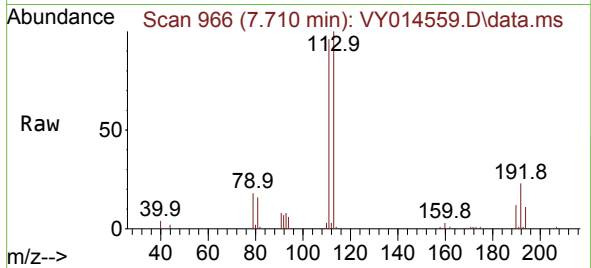




#35
Dibromofluoromethane
Concen: 55.822 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014559.D
Acq: 05 Jul 2023 15:33

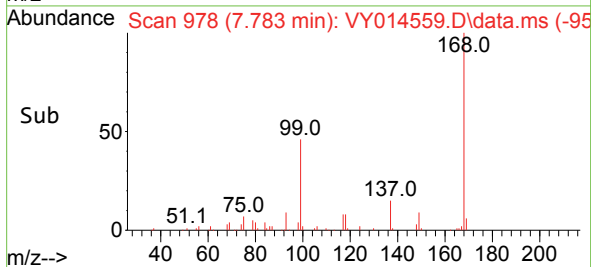
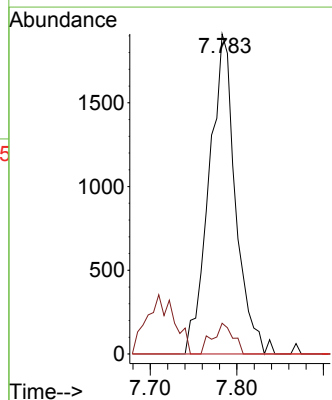
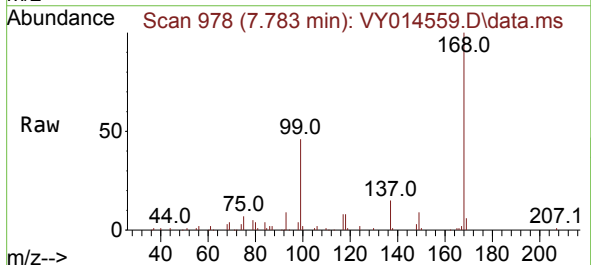
Instrument :
MSVOA_Y
ClientSampleId :
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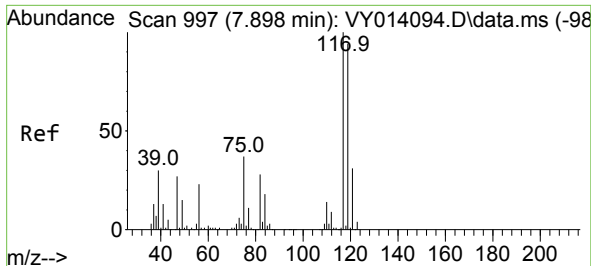
Tgt Ion:113 Resp: 28381
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 22.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.209 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY014559.D
Acq: 05 Jul 2023 15:33

Tgt Ion: 75 Resp: 4056
Ion Ratio Lower Upper
75 100
110 7.5 17.8 53.5#
77 0.0 24.4 36.6#

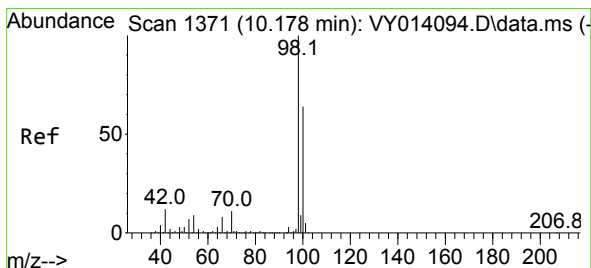
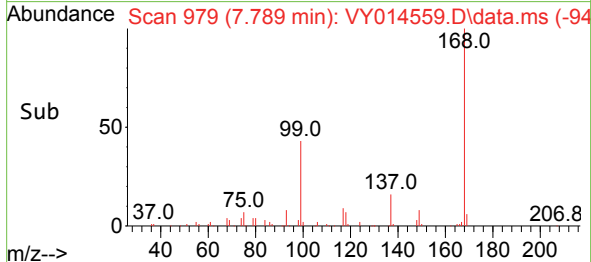
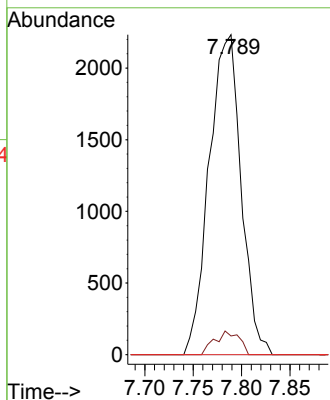
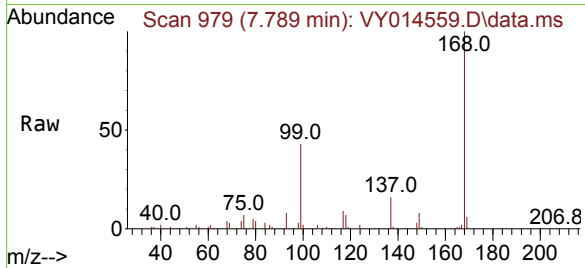




#38
Carbon Tetrachloride
Concen: 6.317 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014559.D
Acq: 05 Jul 2023 15:33

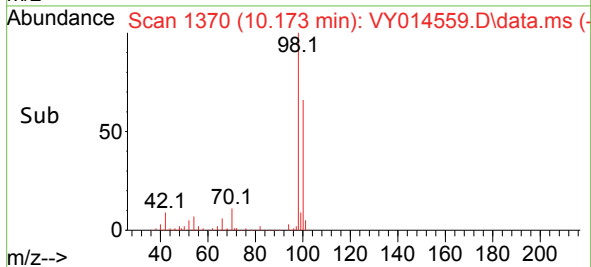
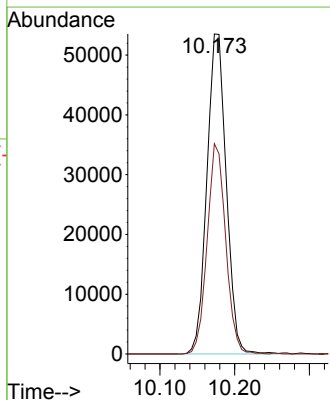
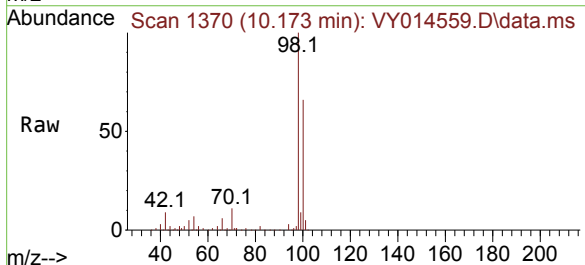
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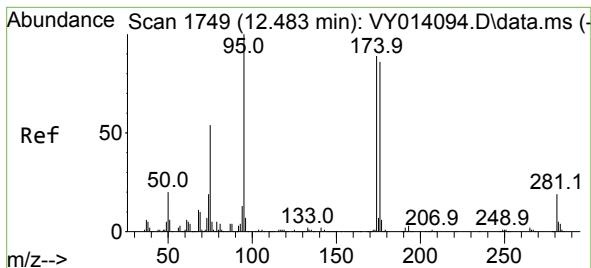
Tgt Ion:117 Resp: 5134
Ion Ratio Lower Upper
117 100
119 5.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.991 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.005 min
Lab File: VY014559.D
Acq: 05 Jul 2023 15:33

Tgt Ion: 98 Resp: 96455
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1

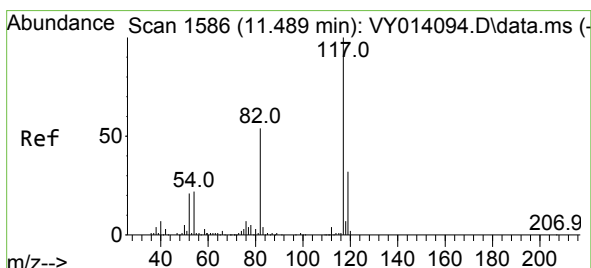
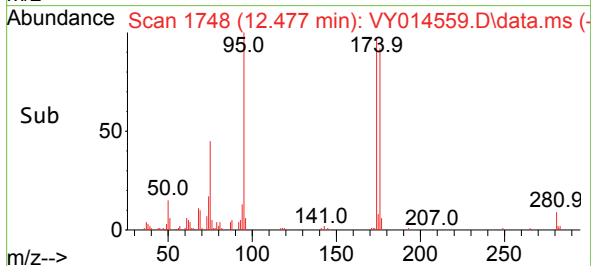
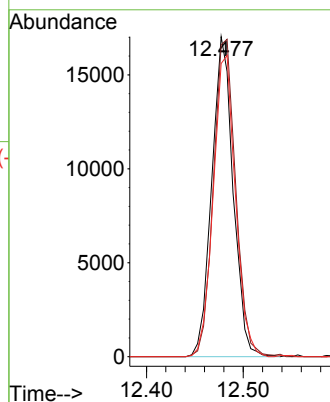
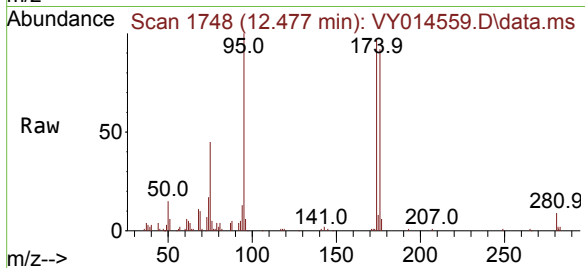




#62
4-Bromofluorobenzene
Concen: 37.436 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014559.D
Acq: 05 Jul 2023 15:33

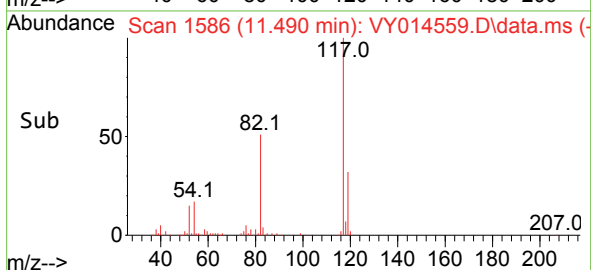
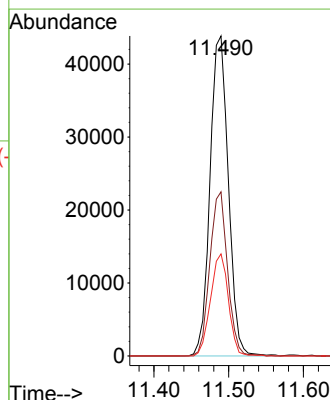
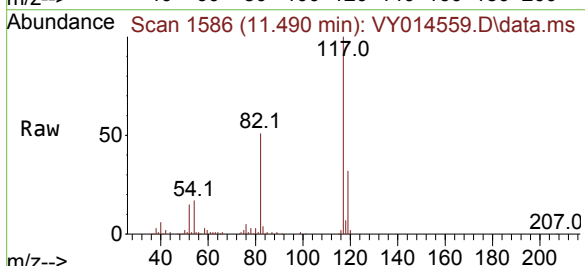
Instrument :
MSVOA_Y
ClientSampleId :
OK-2-063023RE

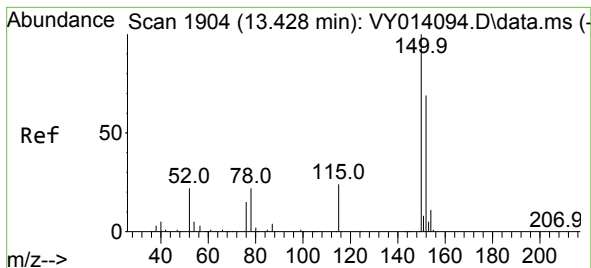
Tgt Ion: 95 Resp: 26127
Ion Ratio Lower Upper
95 100
174 103.5 0.0 178.2
176 97.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014559.D
Acq: 05 Jul 2023 15:33

Tgt Ion: 117 Resp: 74539
Ion Ratio Lower Upper
117 100
82 51.3 43.4 65.0
119 31.9 26.3 39.5

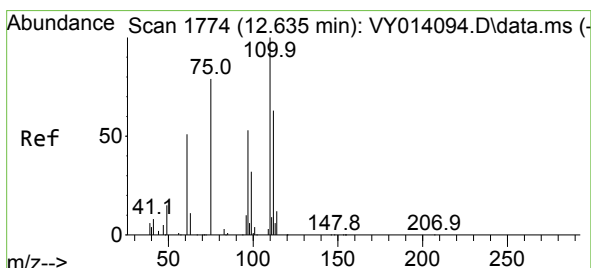
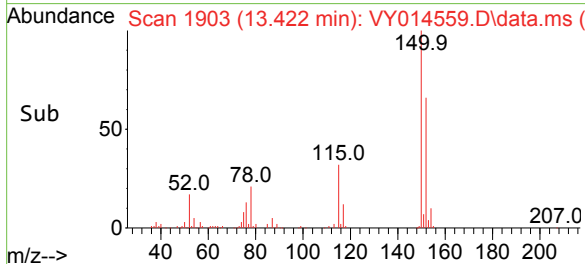
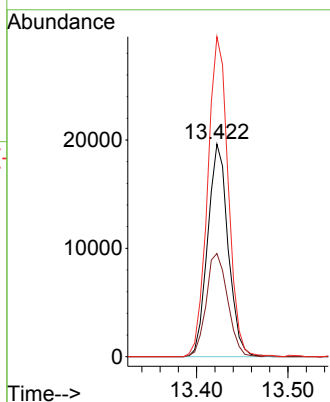
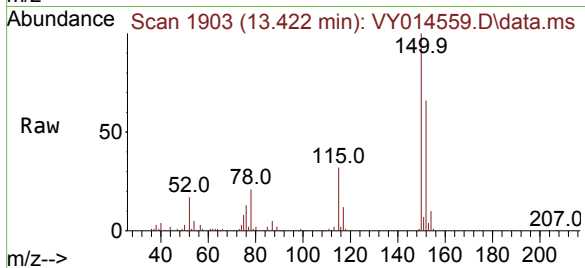




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY014559.D
 Acq: 05 Jul 2023 15:33

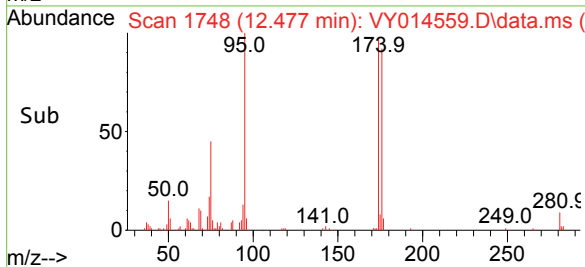
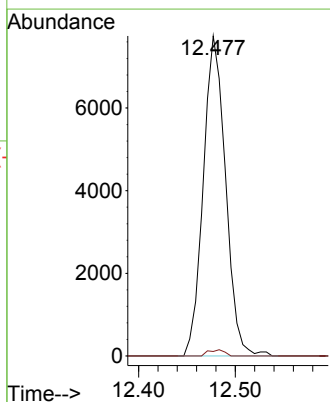
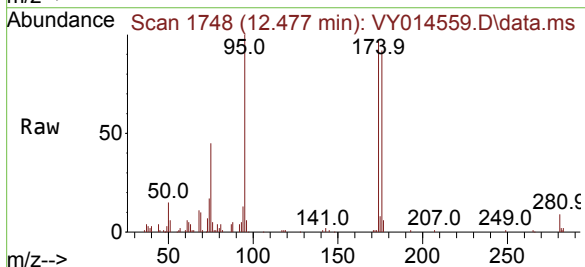
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-2-063023RE

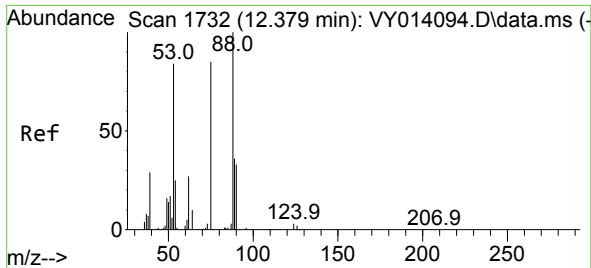
Tgt Ion:152 Resp: 30456
 Ion Ratio Lower Upper
 152 100
 115 51.0 28.8 86.5
 150 151.2 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 34.819 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY014559.D
 Acq: 05 Jul 2023 15:33

Tgt Ion: 75 Resp: 12444
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.772 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014559.D
 Acq: 05 Jul 2023 15:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-2-063023RE

Tgt Ion: 75 Resp: 12444
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

