

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
 Data File : VY012413.D
 Acq On : 31 Jan 2023 12:29
 Operator : KP/MD
 Sample : VY0131SBL07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBL07

Quant Time: Feb 01 01:22:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

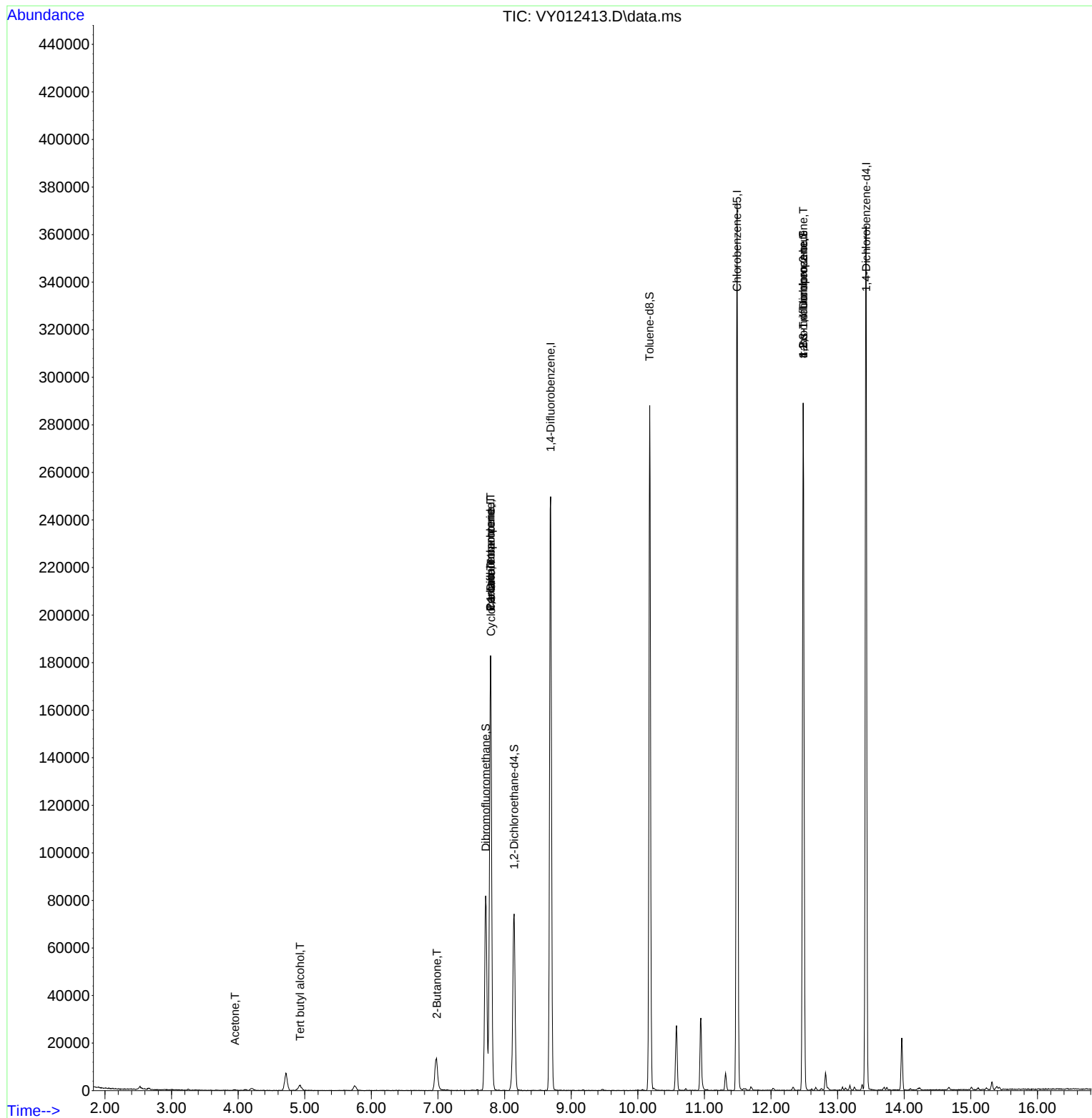
Internal Standards						
1) Pentafluorobenzene	7.789	168	145528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	207218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62311	51.798	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.600%			
35) Dibromofluoromethane	7.716	113	56455	46.952	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.900%			
50) Toluene-d8	10.179	98	190873	45.419	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.840%			
62) 4-Bromofluorobenzene	12.483	95	68475	40.398	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 80.800%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	2276	3.773	ug/l #	74
16) Acetone	3.954	43	640	1.579	ug/l	99
20) Methylene Chloride	4.723	84	5991	Below Cal	#	80
25) 2-Butanone	6.984	43	670	1.498	ug/l #	46
31) Cyclohexane	7.795	56	2662	1.255	ug/l #	29
36) 1,1-Dichloropropene	7.789	75	10039	4.913	ug/l #	50
38) Carbon Tetrachloride	7.789	117	14167	5.368	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	37604	40.365	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37604	83.169	ug/l #	13

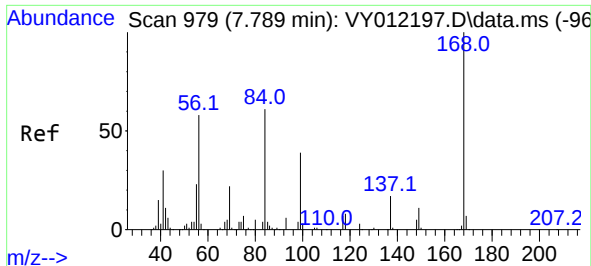
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

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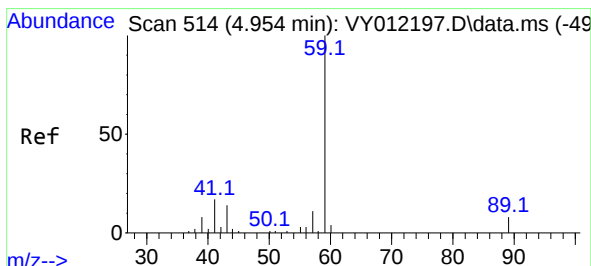
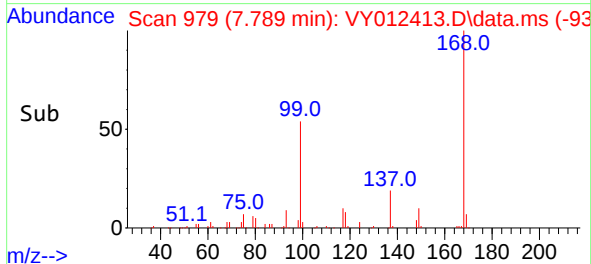
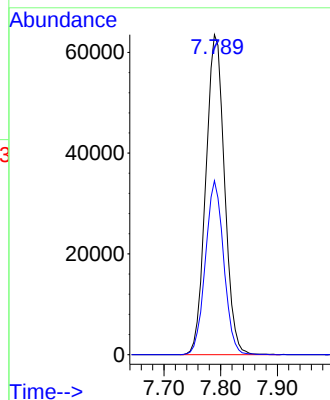
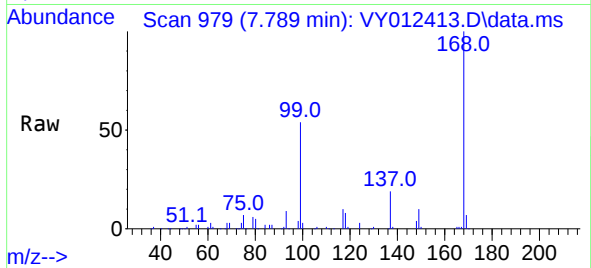




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012413.D
Acq: 31 Jan 2023 12:29

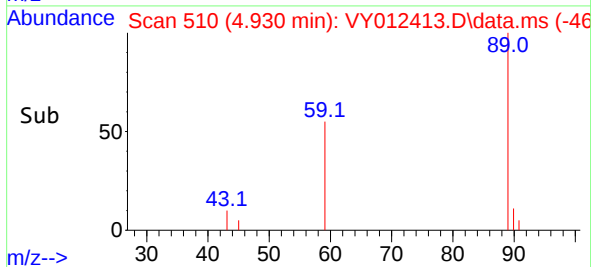
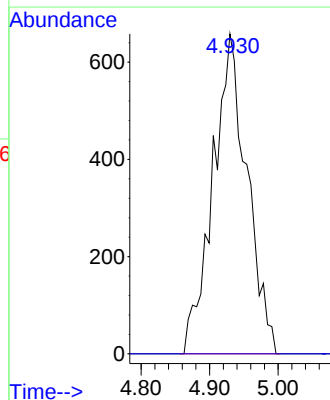
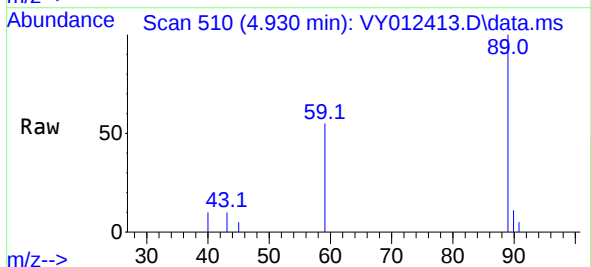
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBL07

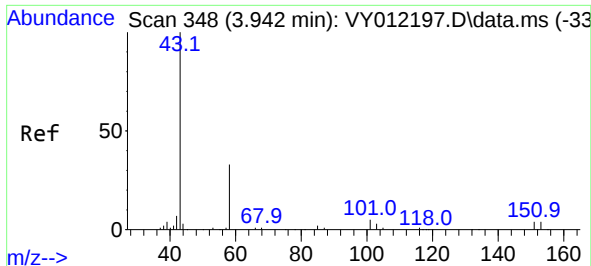
Tgt Ion:168 Resp: 145528
Ion Ratio Lower Upper
168 100
99 54.3 44.0 66.0



#11
Tert butyl alcohol
Concen: 3.773 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY012413.D
Acq: 31 Jan 2023 12:29

Tgt Ion: 59 Resp: 2276
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

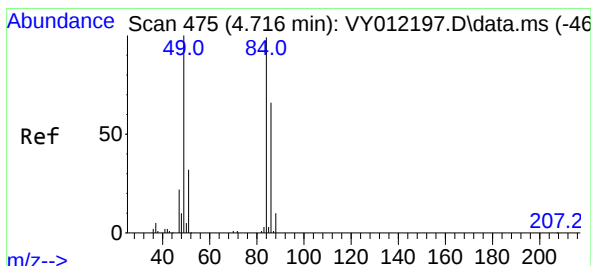
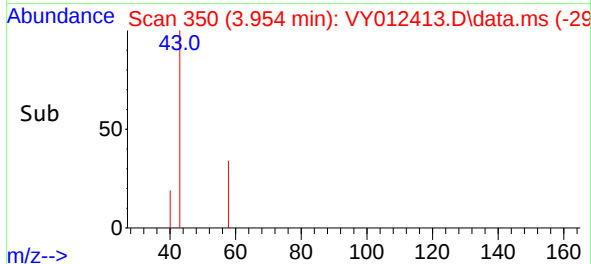
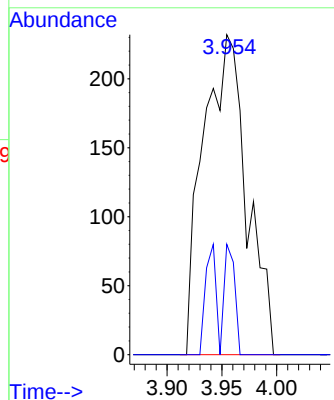
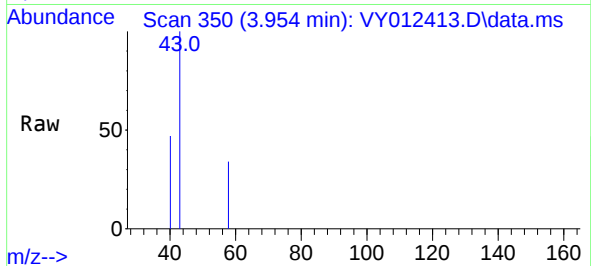




#16
Acetone
Concen: 1.579 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012413.D
Acq: 31 Jan 2023 12:29

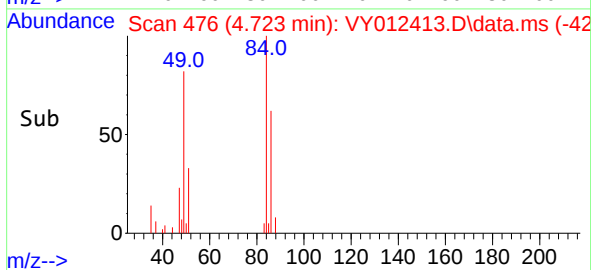
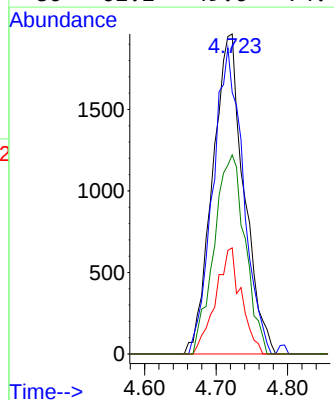
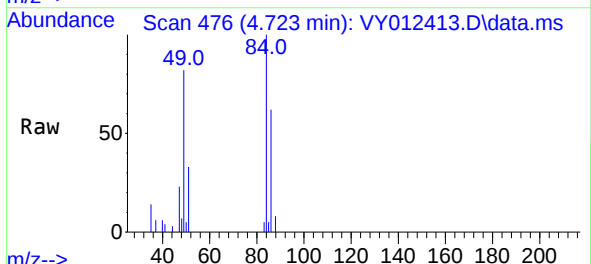
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBL07

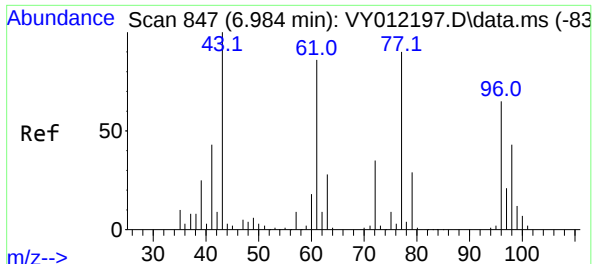
Tgt Ion: 43 Resp: 640
Ion Ratio Lower Upper
43 100
58 34.5 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012413.D
Acq: 31 Jan 2023 12:29

Tgt Ion: 84 Resp: 5991
Ion Ratio Lower Upper
84 100
49 81.8 95.4 143.2#
51 33.2 29.9 44.9
86 62.2 49.6 74.4





#25

2-Butanone

Concen: 1.498 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012413.D

Acq: 31 Jan 2023 12:29

Instrument :

MSVOA_Y

ClientSampleId :

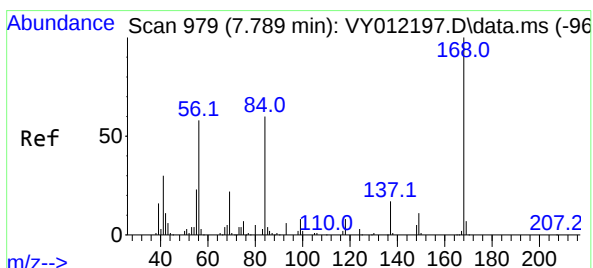
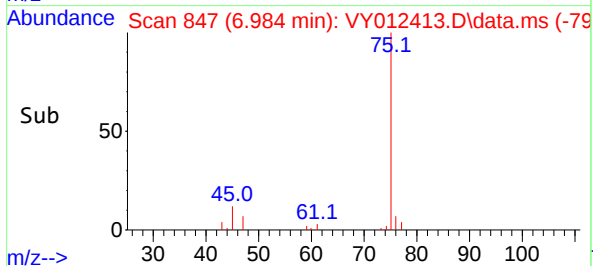
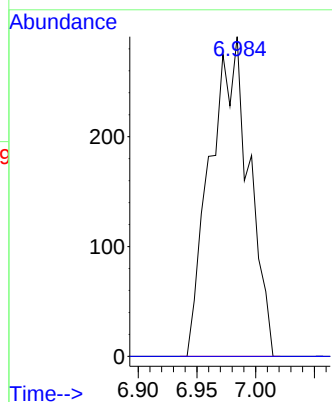
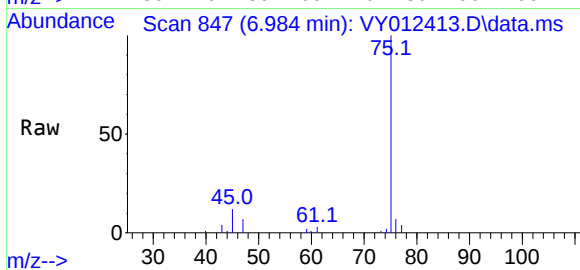
VY0131SBL07

Tgt Ion: 43 Resp: 670

Ion Ratio Lower Upper

43 100

72 0.0 22.6 34.0#



#31

Cyclohexane

Concen: 1.255 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.012 min

Lab File: VY012413.D

Acq: 31 Jan 2023 12:29

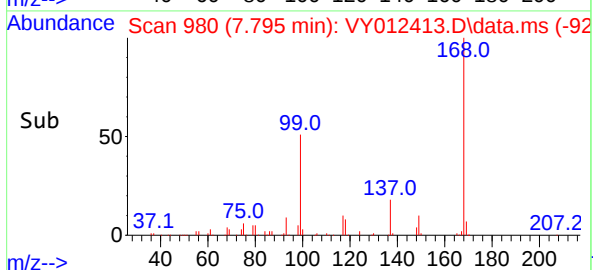
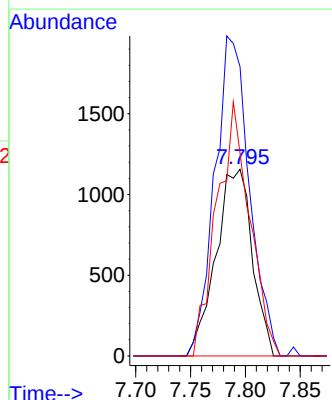
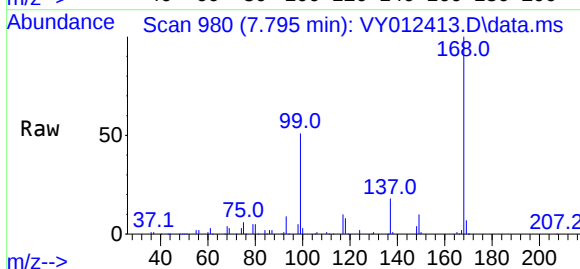
Tgt Ion: 56 Resp: 2662

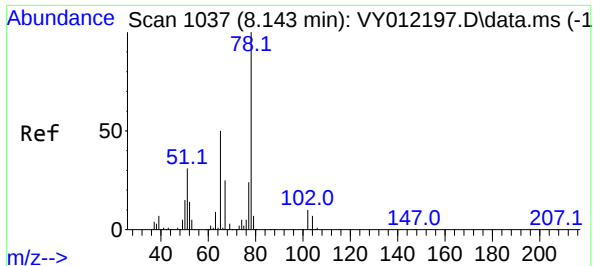
Ion Ratio Lower Upper

56 100

69 154.9 29.2 43.8#

84 108.6 72.6 108.8





#33

1,2-Dichloroethane-d4

Concen: 51.798 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012413.D

Acq: 31 Jan 2023 12:29

Instrument :

MSVOA_Y

ClientSampleId :

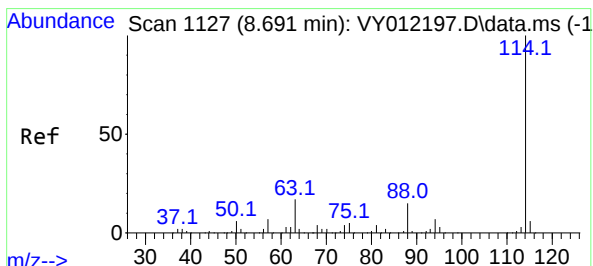
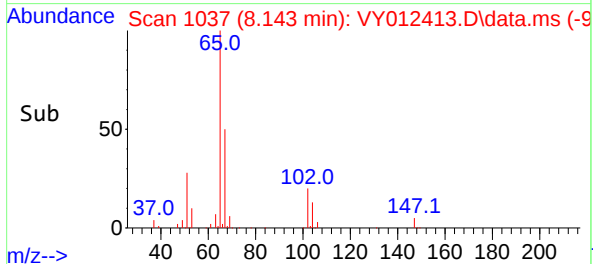
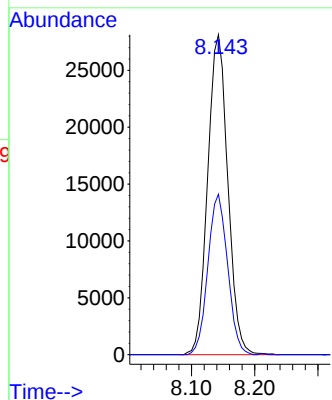
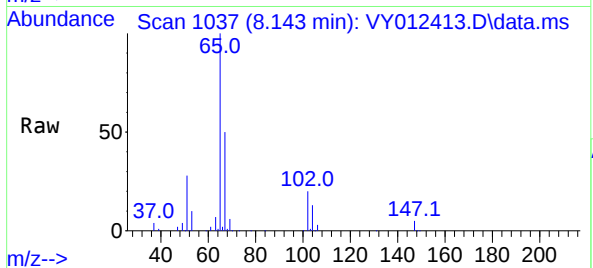
VY0131SBL07

Tgt Ion: 65 Resp: 62311

Ion Ratio Lower Upper

65 100

67 49.0 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012413.D

Acq: 31 Jan 2023 12:29

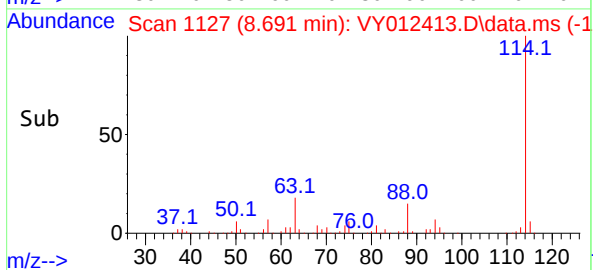
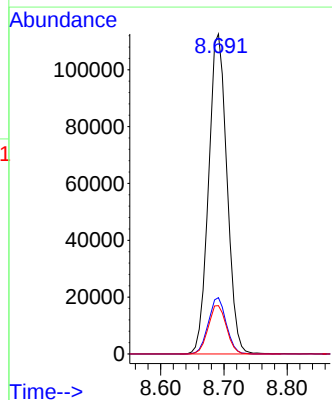
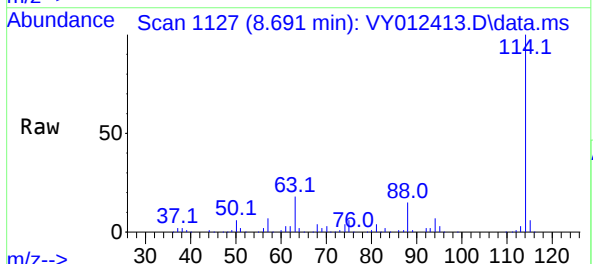
Tgt Ion:114 Resp: 227083

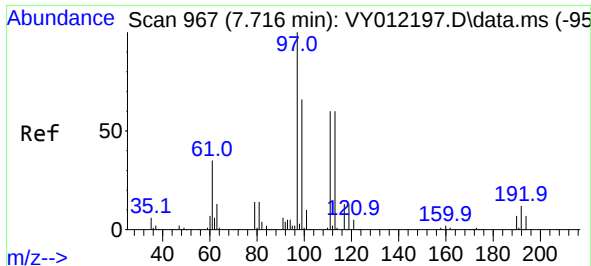
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 15.1 0.0 32.2

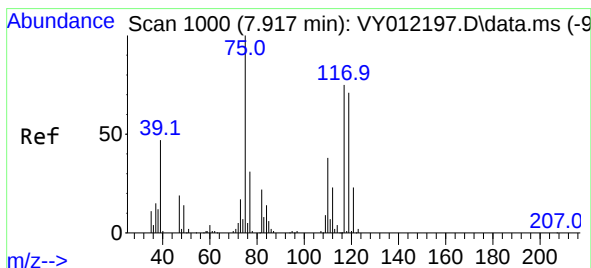
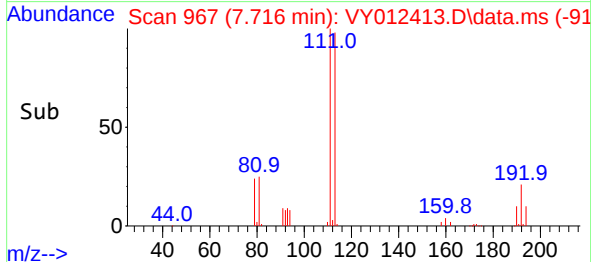
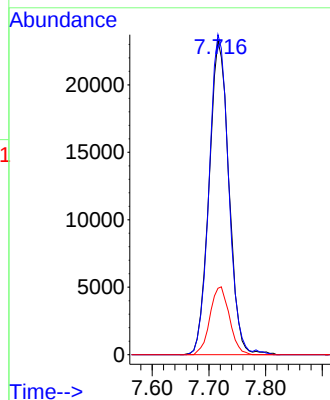
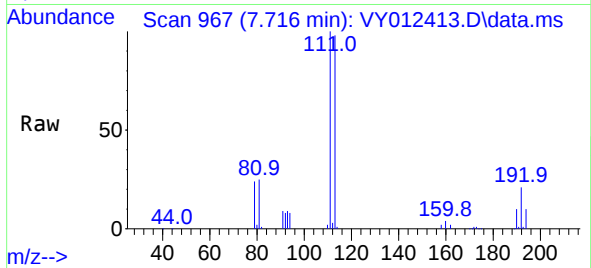




#35
Dibromofluoromethane
Concen: 46.952 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012413.D
Acq: 31 Jan 2023 12:29

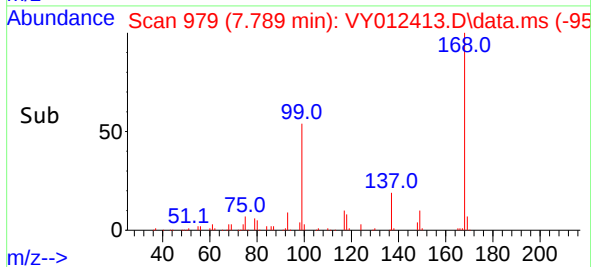
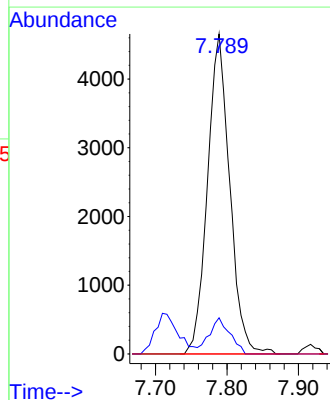
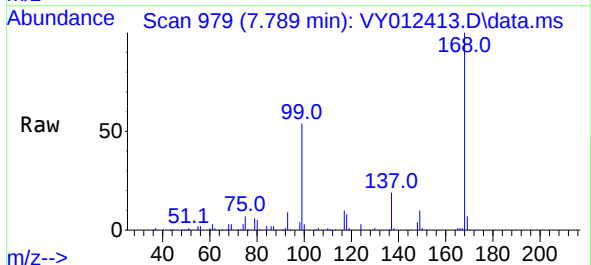
Instrument :
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ClientSampleId :
VY0131SBL07

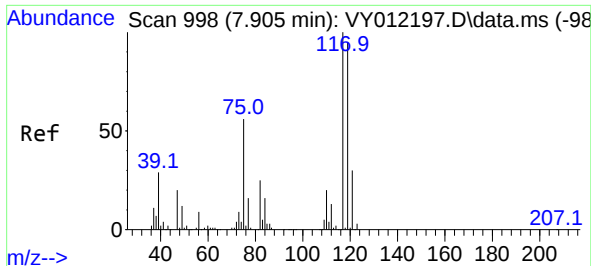
Tgt Ion:	113	Resp:	56455
Ion	Ratio	Lower	Upper
113	100		
111	100.1	83.0	124.4
192	21.2	16.0	24.0



#36
1,1-Dichloropropene
Concen: 4.913 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012413.D
Acq: 31 Jan 2023 12:29

Tgt Ion:	75	Resp:	10039
Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.1	54.1#
77	0.0	25.1	37.7#

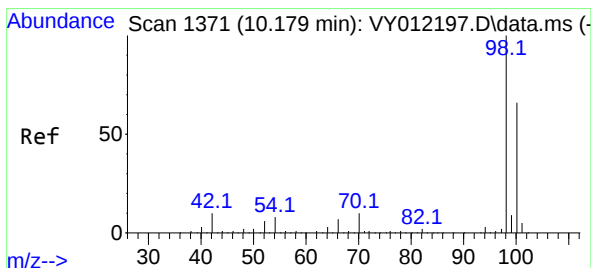
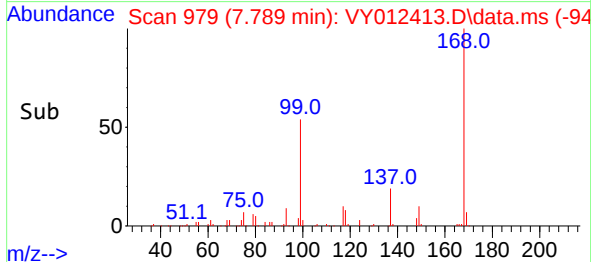
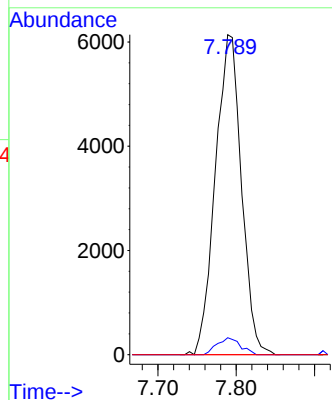
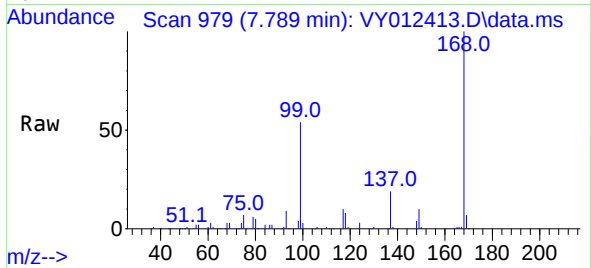




#38
Carbon Tetrachloride
Concen: 5.368 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012413.D
Acq: 31 Jan 2023 12:29

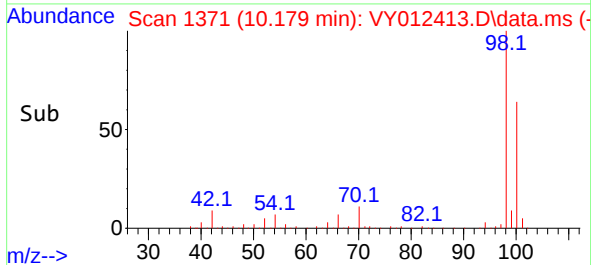
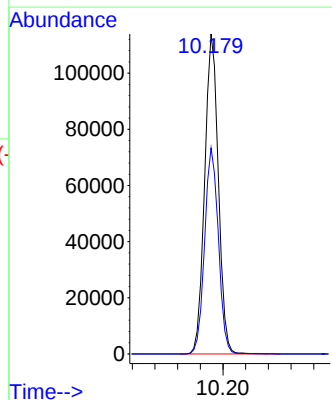
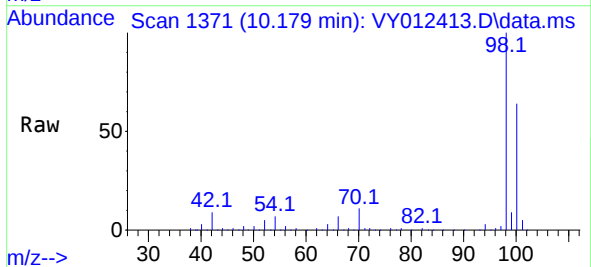
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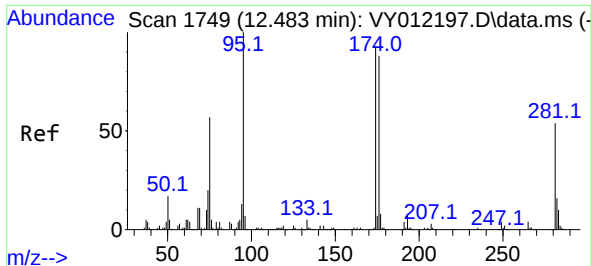
Tgt Ion:117 Resp: 14167
Ion Ratio Lower Upper
117 100
119 5.3 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 45.419 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012413.D
Acq: 31 Jan 2023 12:29

Tgt Ion: 98 Resp: 190873
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

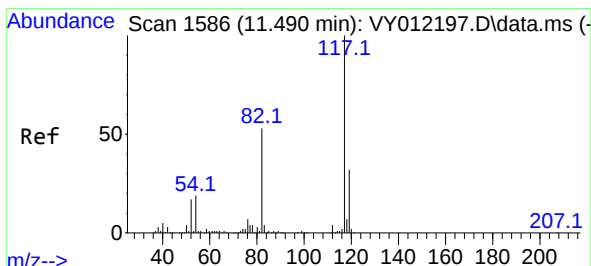
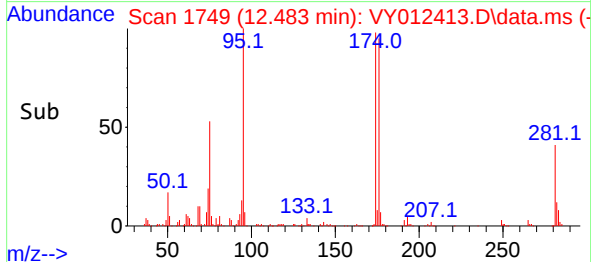
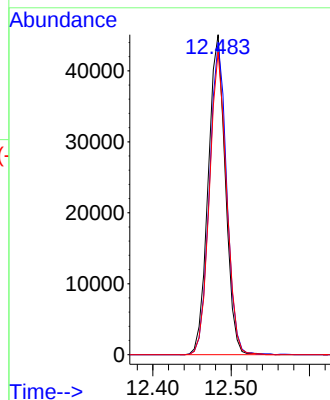
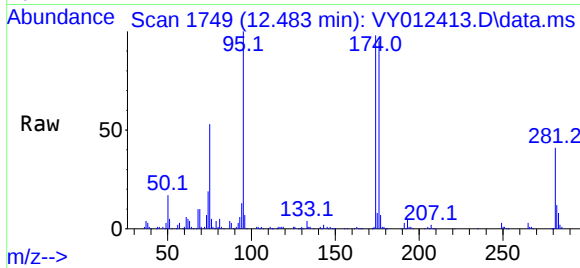




#62
4-Bromofluorobenzene
Concen: 40.398 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012413.D
Acq: 31 Jan 2023 12:29

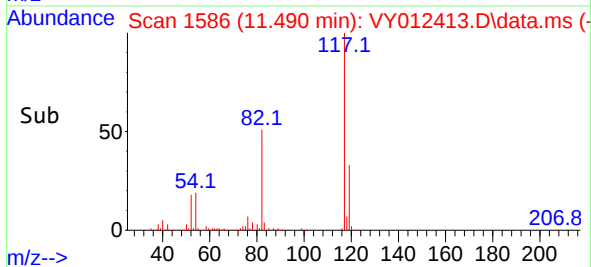
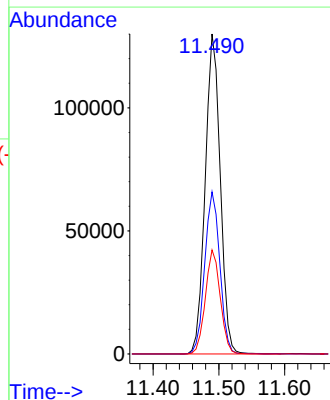
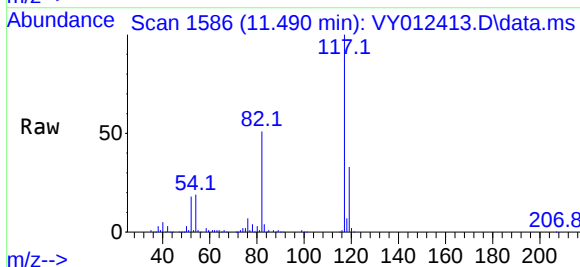
Instrument :
MSVOA_Y
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VY0131SBL07

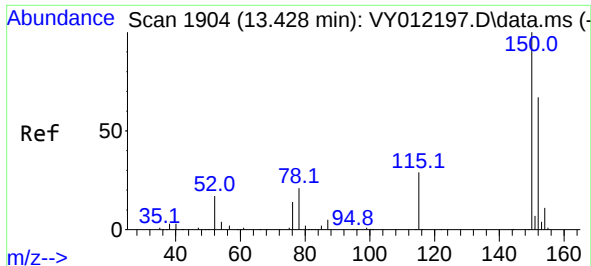
Tgt Ion: 95 Resp: 68475
Ion Ratio Lower Upper
95 100
174 97.7 0.0 172.0
176 94.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012413.D
Acq: 31 Jan 2023 12:29

Tgt Ion: 117 Resp: 207218
Ion Ratio Lower Upper
117 100
82 50.7 44.8 67.2
119 32.5 25.4 38.2

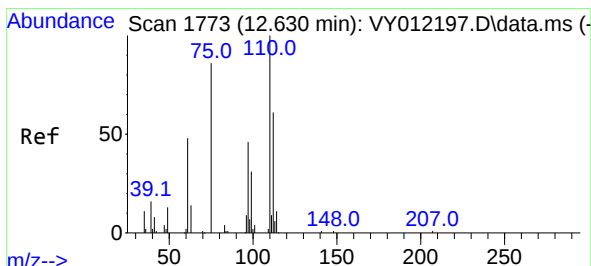
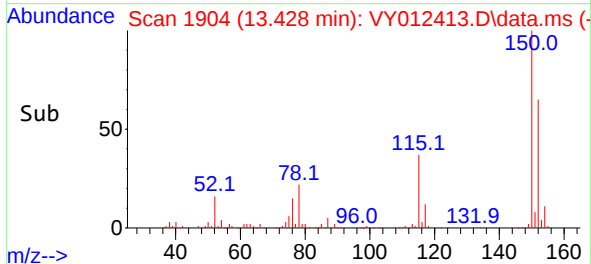
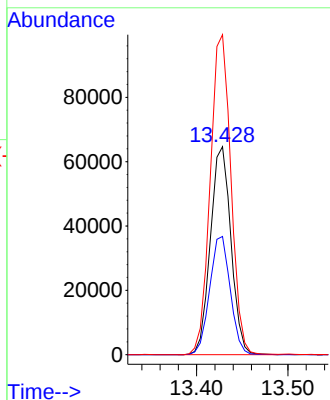
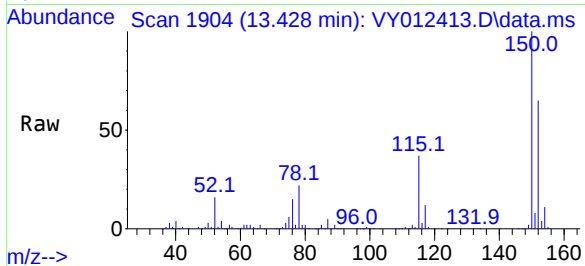




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012413.D
 Acq: 31 Jan 2023 12:29

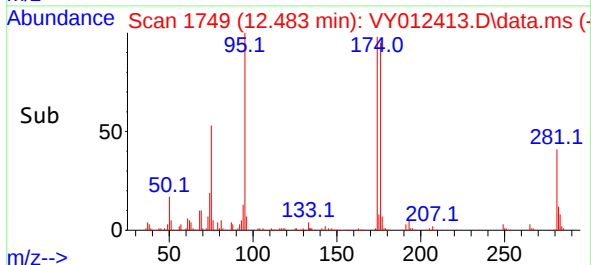
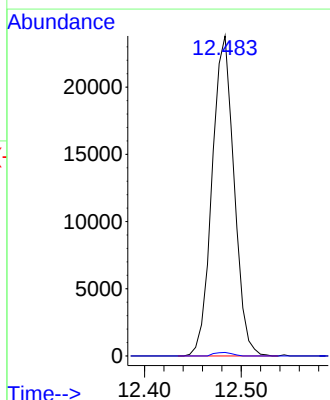
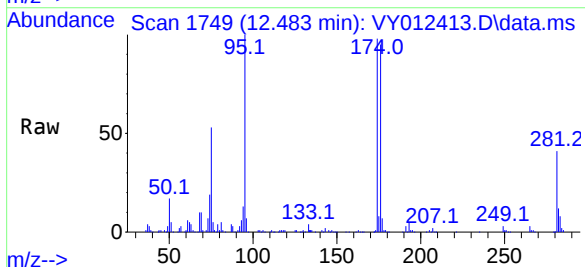
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBL07

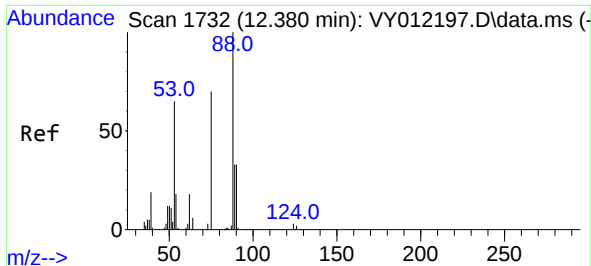
Tgt Ion:152 Resp: 101313
 Ion Ratio Lower Upper
 152 100
 115 57.1 29.1 87.3
 150 154.5 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 40.365 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY012413.D
 Acq: 31 Jan 2023 12:29

Tgt Ion: 75 Resp: 37604
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 83.169 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY012413.D
Acq: 31 Jan 2023 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBL07

Tgt Ion: 75 Resp: 37604
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.5 37.0 55.4#

