

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014275.D
 Acq On : 20 Jun 2023 12:01
 Operator : KP/MD
 Sample : VY0620SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0620SBL01

Quant Time: Jun 21 02:06:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

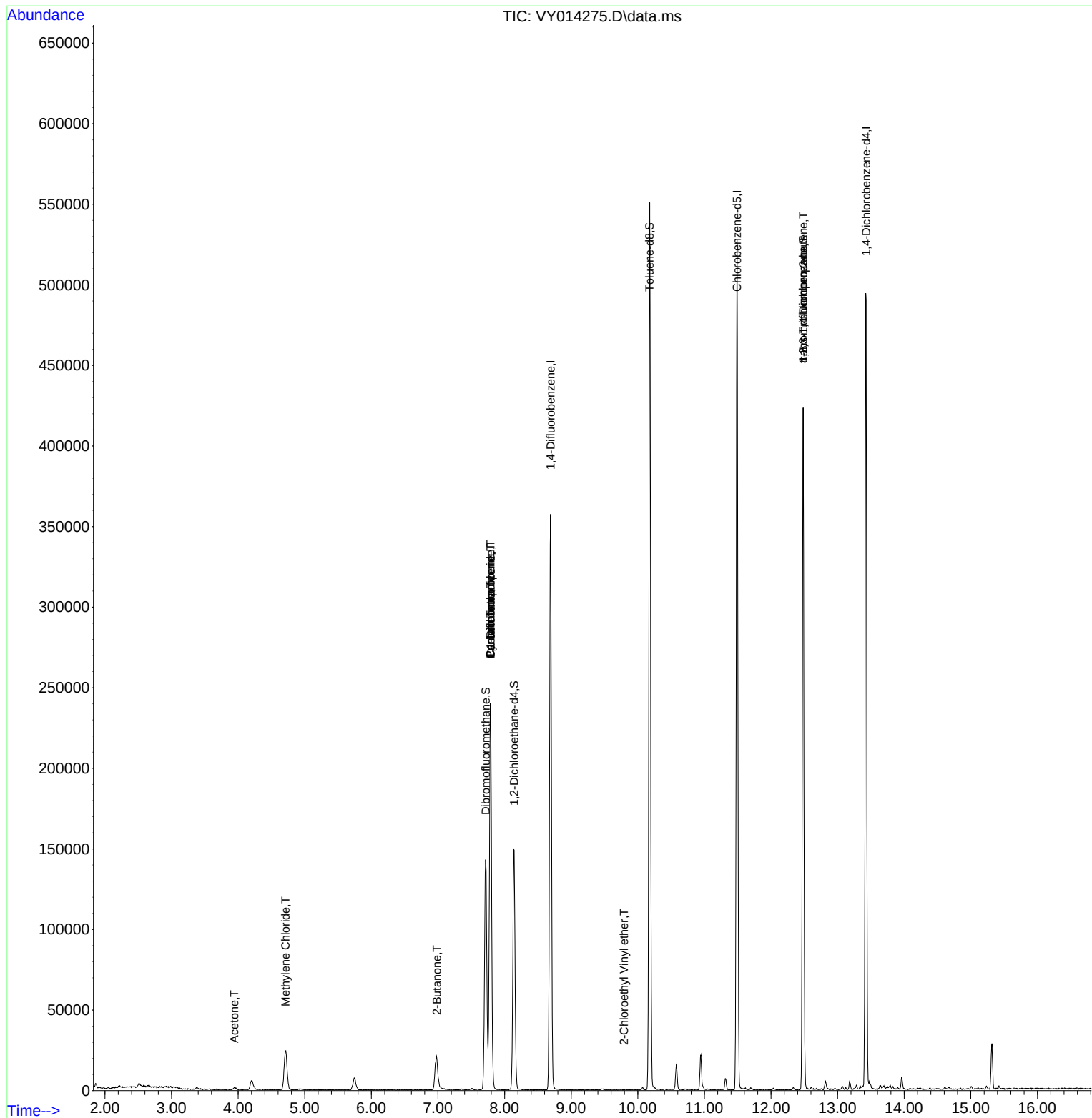
Internal Standards						
1) Pentafluorobenzene	7.789	168	187103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	297055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	276820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	126063	48.385	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.760%
35) Dibromofluoromethane	7.716	113	97446	46.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.520%
50) Toluene-d8	10.179	98	355610	45.152	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.300%
62) 4-Bromofluorobenzene	12.483	95	111942	40.011	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	107	Below Cal	#	89
13) Acrolein	3.729	56	57	Below Cal	#	14
16) Acetone	3.942	43	2585	3.291	ug/l	93
20) Methylene Chloride	4.710	84	18129	3.927	ug/l	95
25) 2-Butanone	6.984	43	1692	1.750	ug/l #	74
31) Cyclohexane	7.789	56	4111	1.178	ug/l #	8
36) 1,1-Dichloropropene	7.789	75	13924	4.240	ug/l #	51
38) Carbon Tetrachloride	7.789	117	18222	4.808	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.795	63	45	28.651	ug/l #	48
76) 1,2,3-Trichloropropane	12.483	75	61709	35.909	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61709	77.621	ug/l #	11

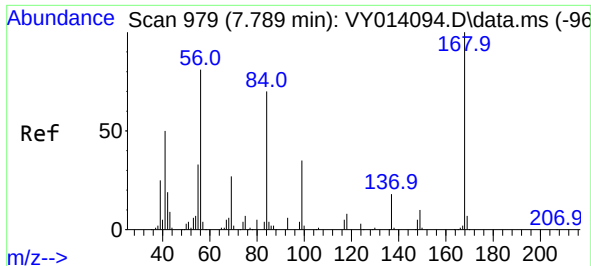
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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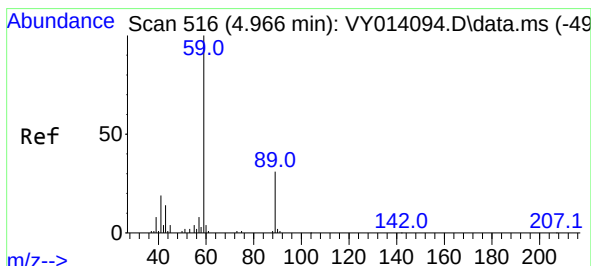
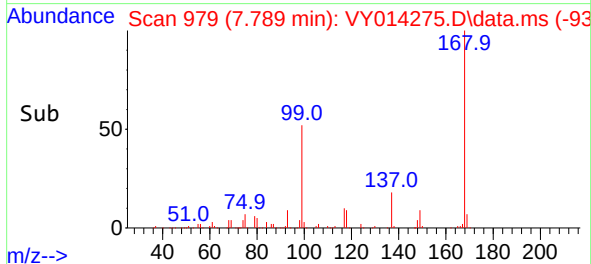
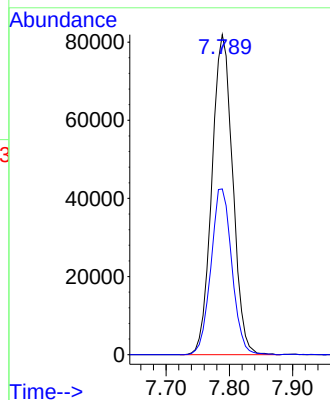
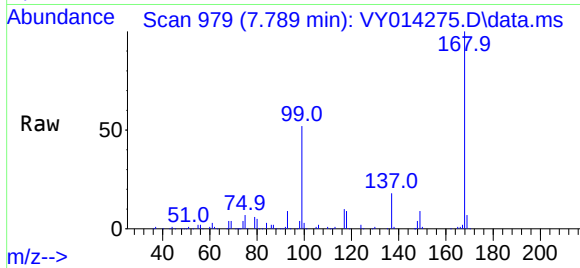




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

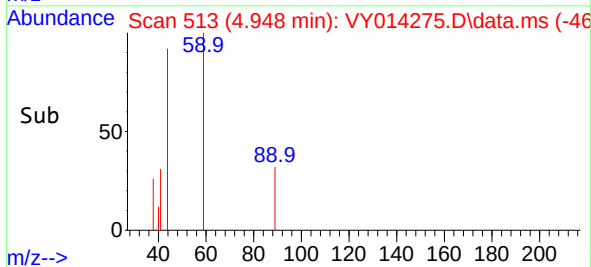
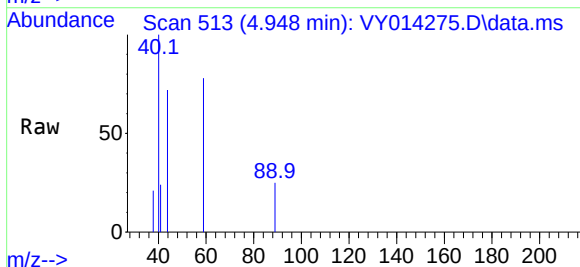
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL01

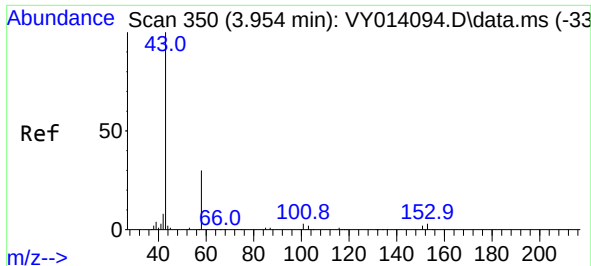
Tgt Ion:168 Resp: 187103
Ion Ratio Lower Upper
168 100
99 51.8 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

Tgt Ion: 59 Resp: 107
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

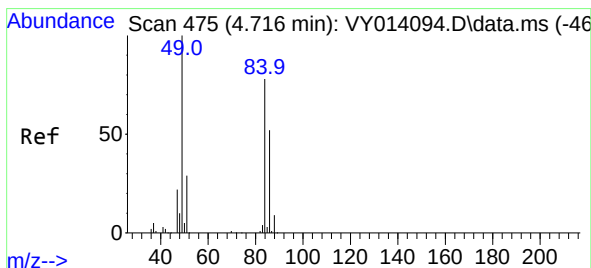
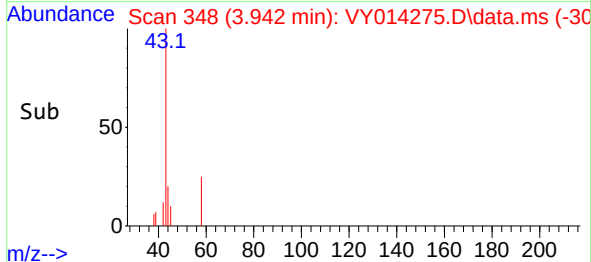
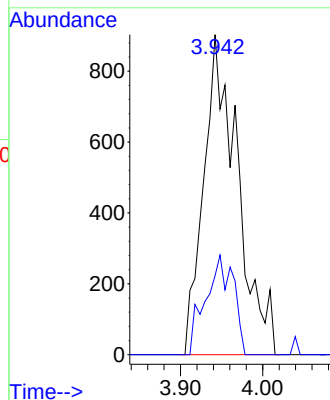
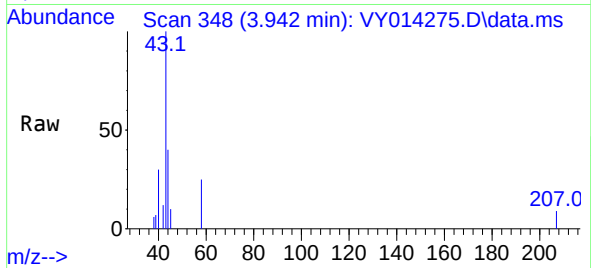




#16
Acetone
Concen: 3.291 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

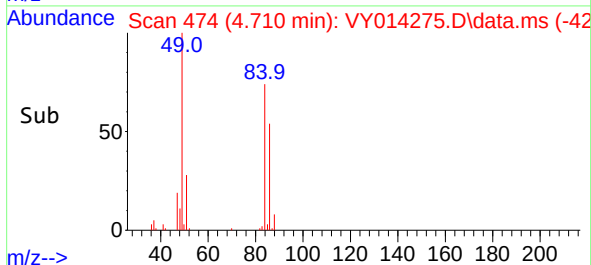
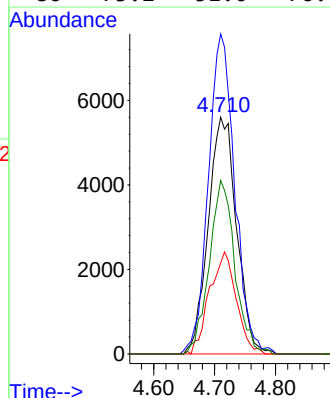
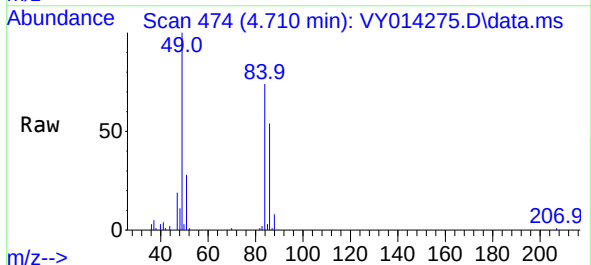
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL01

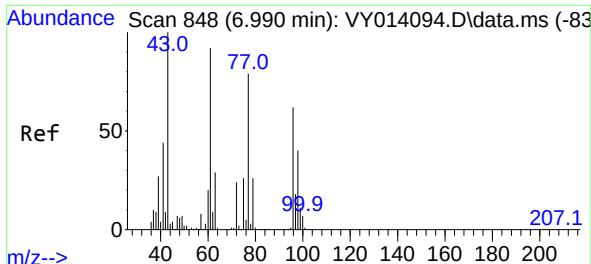
Tgt Ion: 43 Resp: 2585
Ion Ratio Lower Upper
43 100
58 24.7 22.7 34.1



#20
Methylene Chloride
Concen: 3.927 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

Tgt Ion: 84 Resp: 18129
Ion Ratio Lower Upper
84 100
49 135.1 106.9 160.3
51 38.4 33.2 49.8
86 73.2 51.0 76.6

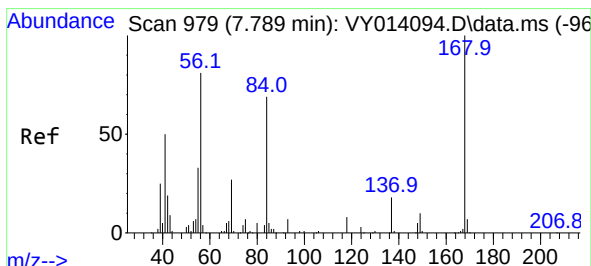
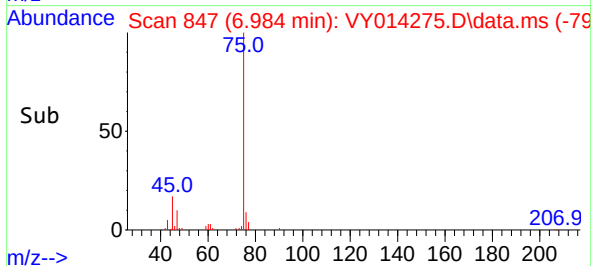
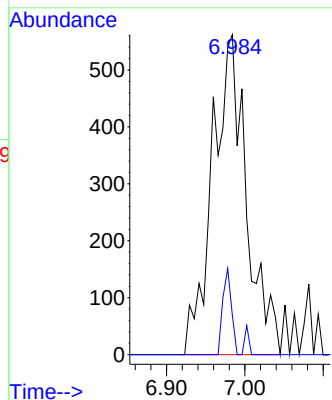
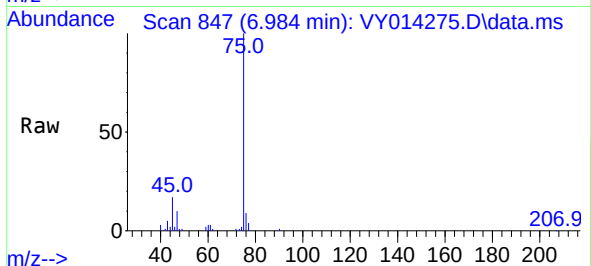




#25
2-Butanone
Concen: 1.750 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

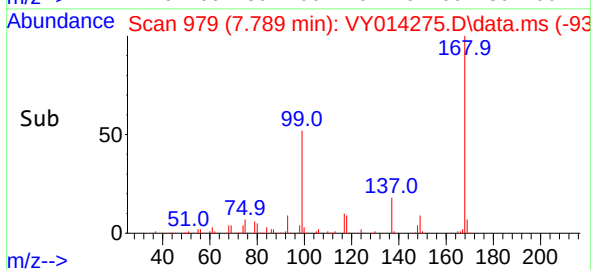
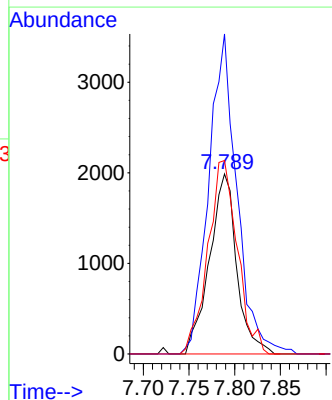
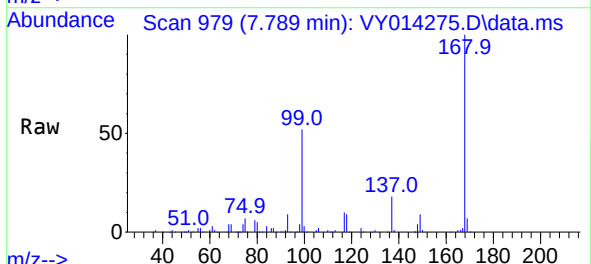
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL01

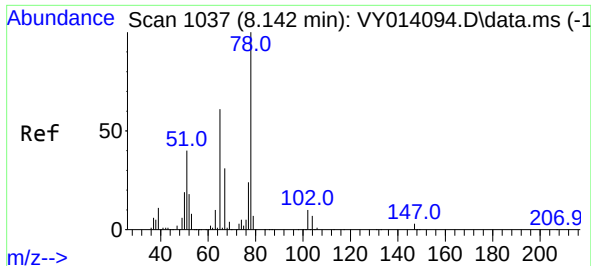
Tgt Ion: 43 Resp: 1692
Ion Ratio Lower Upper
43 100
72 12.3 20.5 30.7#



#31
Cyclohexane
Concen: 1.178 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

Tgt Ion: 56 Resp: 4111
Ion Ratio Lower Upper
56 100
69 177.8 27.8 41.6#
84 107.5 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 48.385 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014275.D

Acq: 20 Jun 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

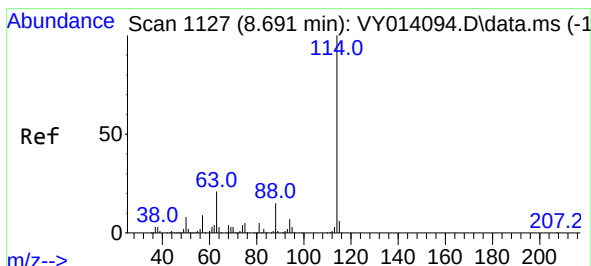
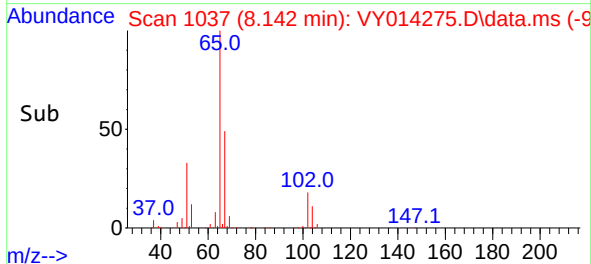
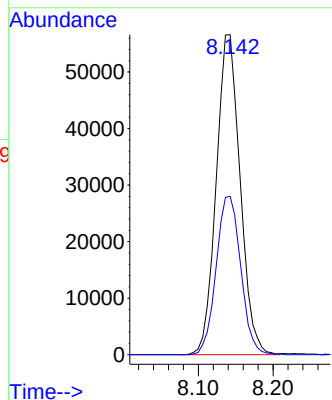
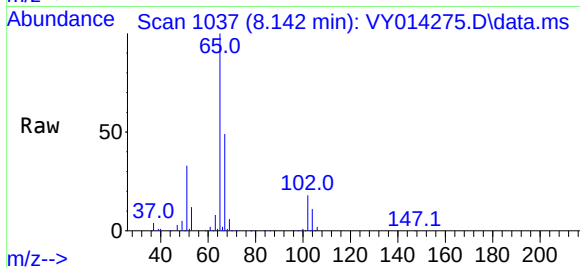
VY0620SBL01

Tgt Ion: 65 Resp: 126063

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014275.D

Acq: 20 Jun 2023 12:01

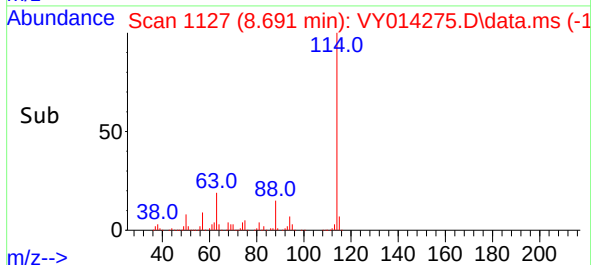
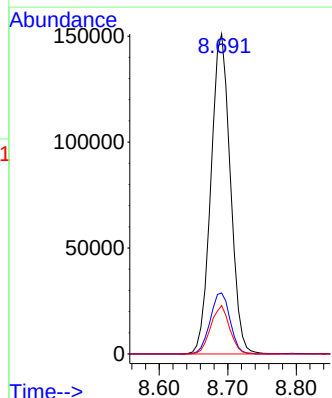
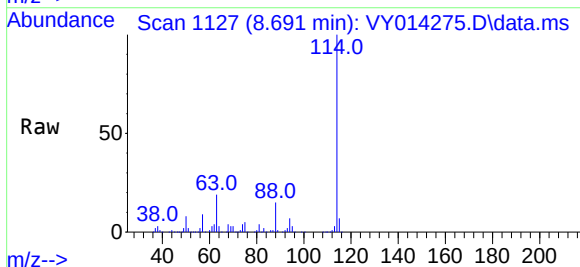
Tgt Ion: 114 Resp: 297055

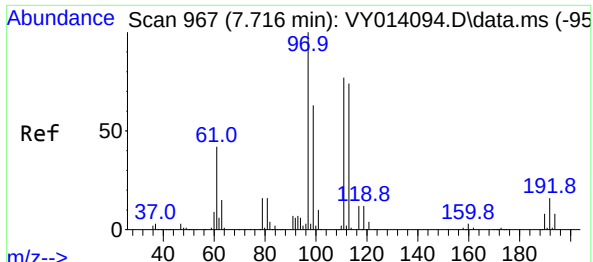
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

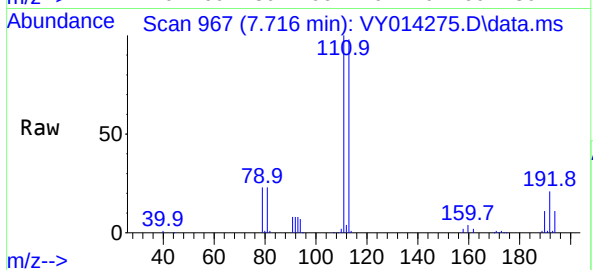
88 15.1 0.0 30.6



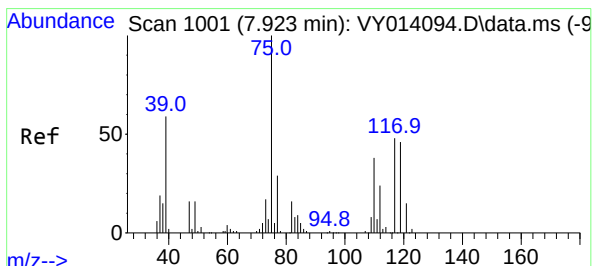
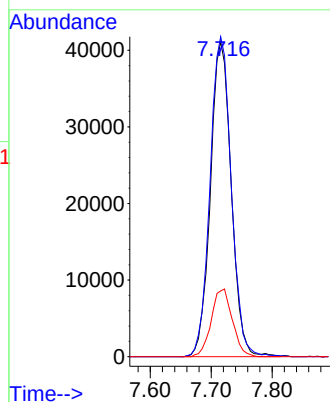
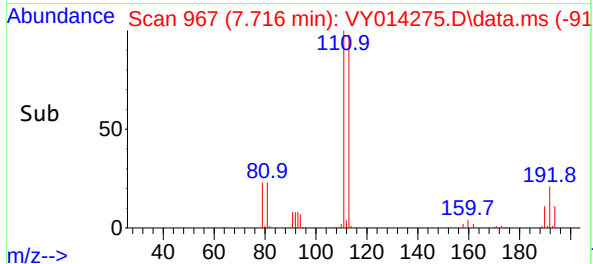


#35
Dibromofluoromethane
Concen: 46.256 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

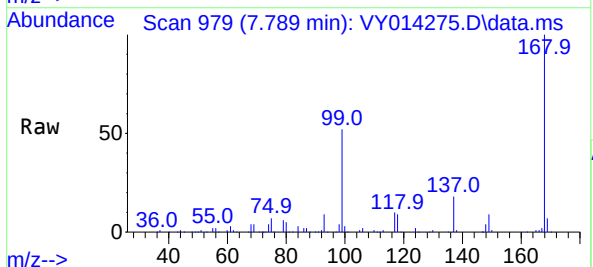
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL01



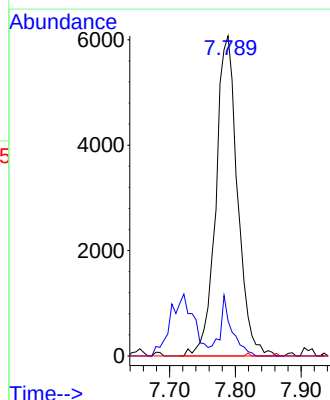
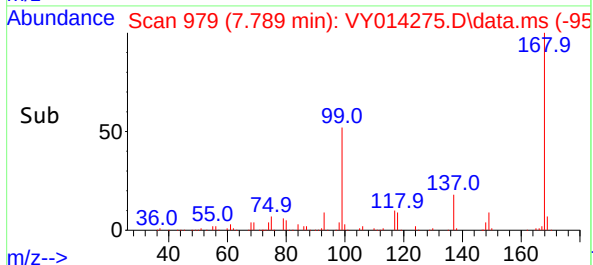
Tgt Ion:113 Resp: 97446
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 21.8 16.9 25.3

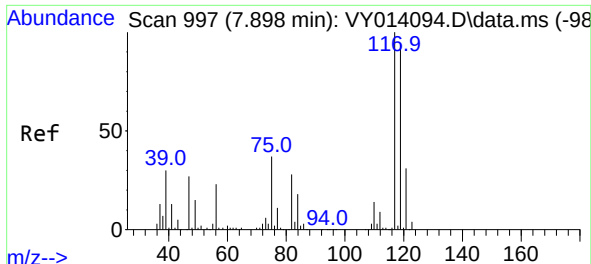


#36
1,1-Dichloropropene
Concen: 4.240 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01



Tgt Ion: 75 Resp: 13924
Ion Ratio Lower Upper
75 100
110 10.5 17.8 53.5#
77 0.0 24.4 36.6#

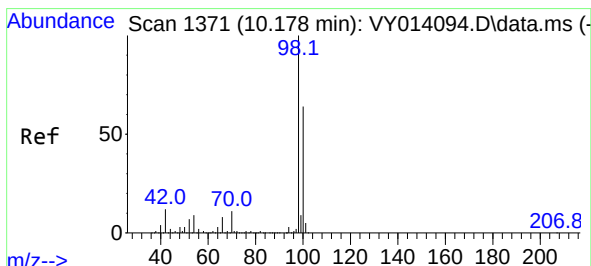
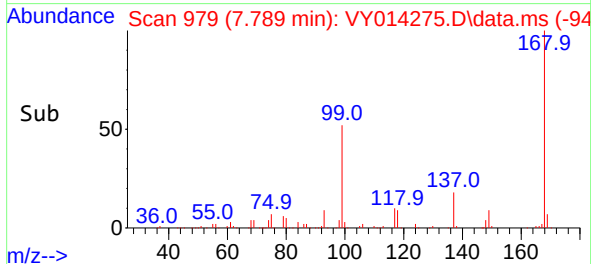
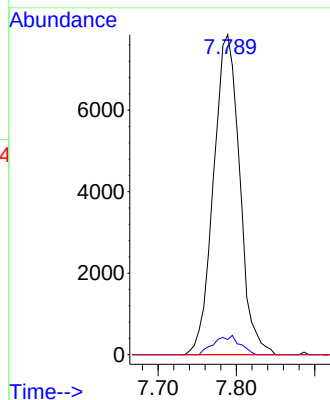
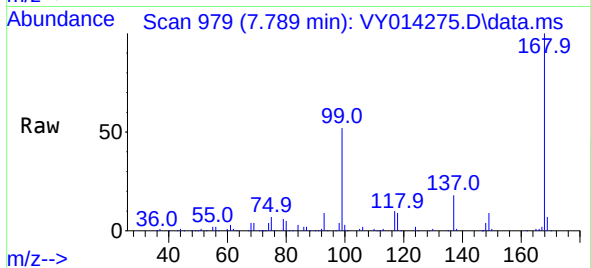




#38
Carbon Tetrachloride
Concen: 4.808 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

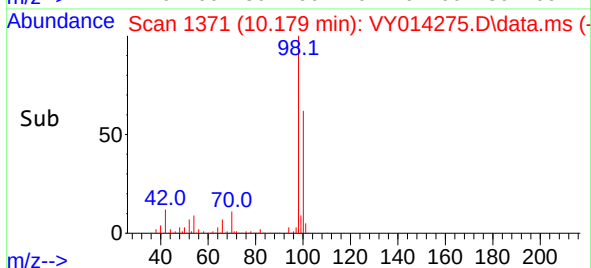
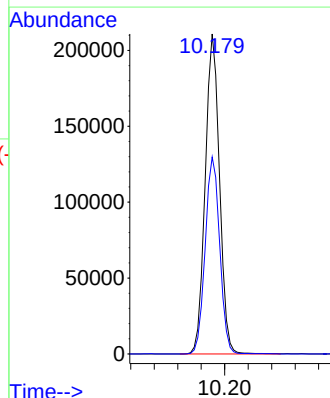
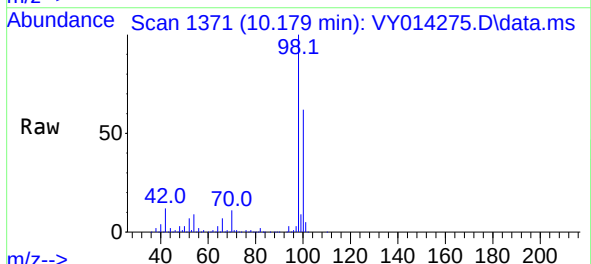
Instrument :
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VY0620SBL01

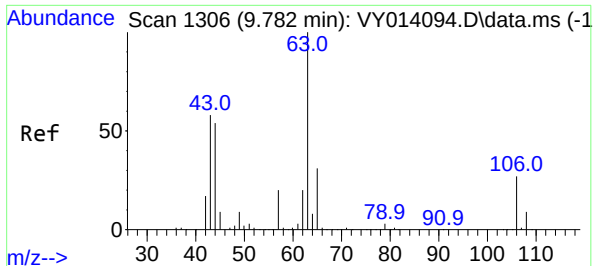
Tgt Ion:117 Resp: 18222
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 45.152 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

Tgt Ion: 98 Resp: 355610
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1

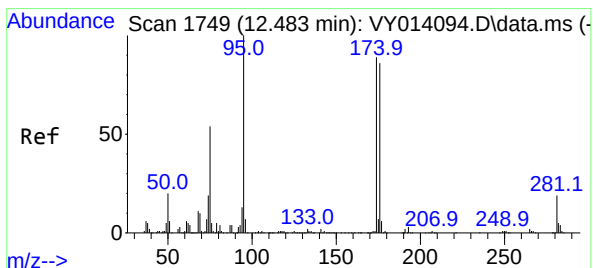
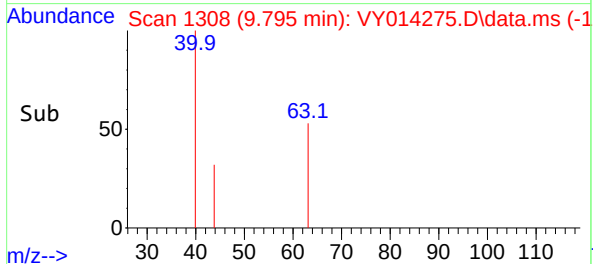
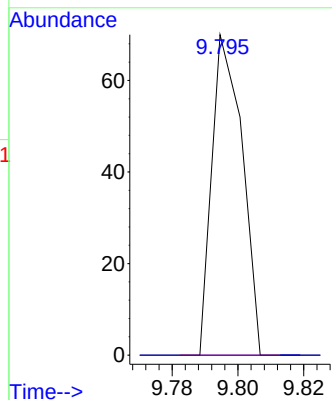
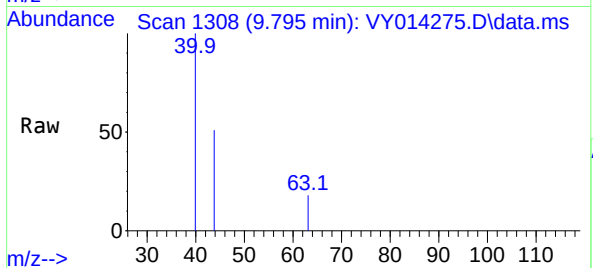




#58
2-Chloroethyl Vinyl ether
Concen: 28.651 ug/l
RT: 9.795 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

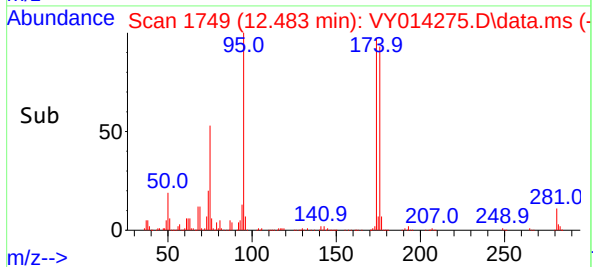
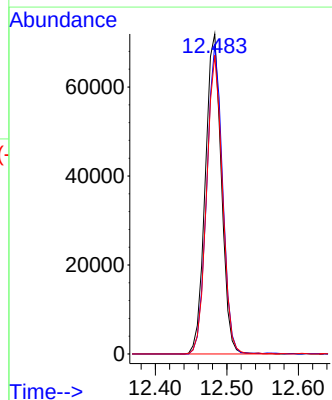
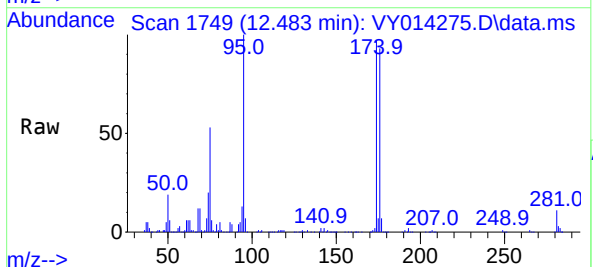
Instrument :
MSVOA_Y
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VY0620SBL01

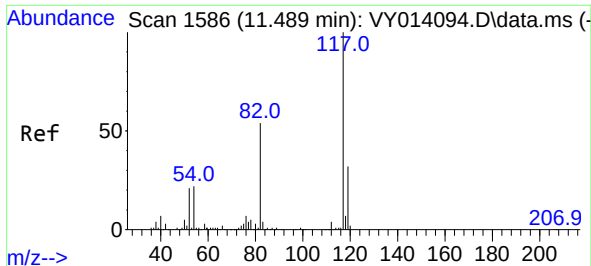
Tgt Ion: 63 Resp: 45
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#



#62
4-Bromofluorobenzene
Concen: 40.011 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

Tgt Ion: 95 Resp: 111942
Ion Ratio Lower Upper
95 100
174 95.1 0.0 178.2
176 92.2 0.0 173.8

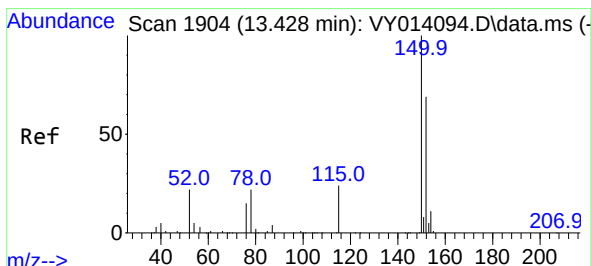
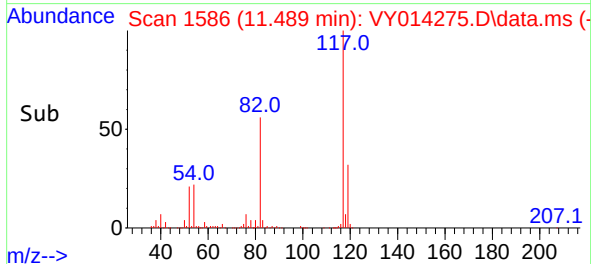
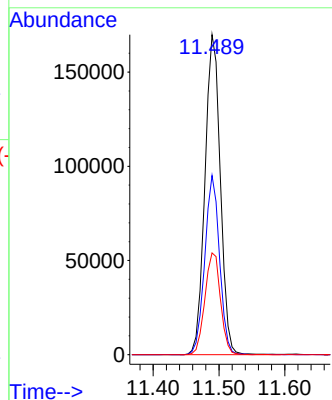
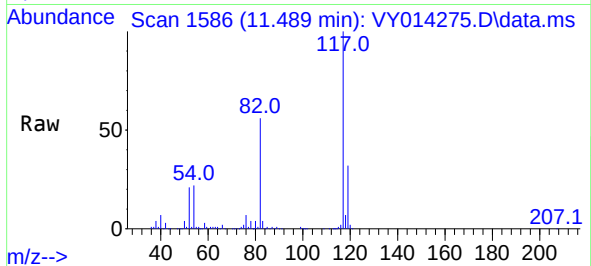




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

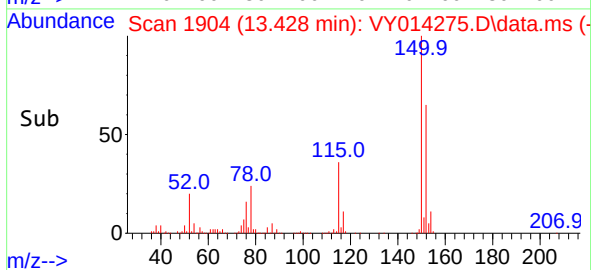
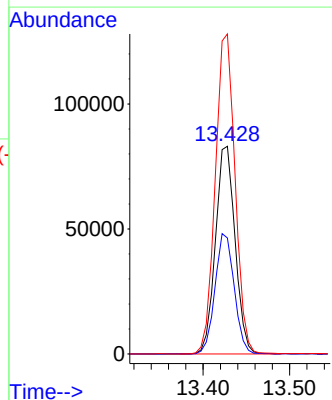
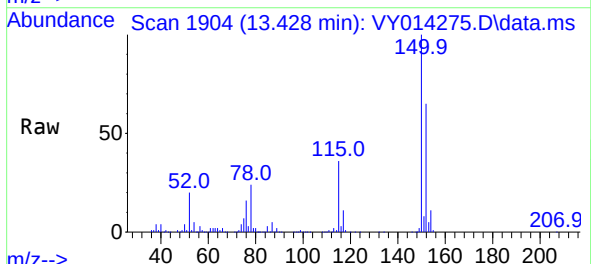
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL01

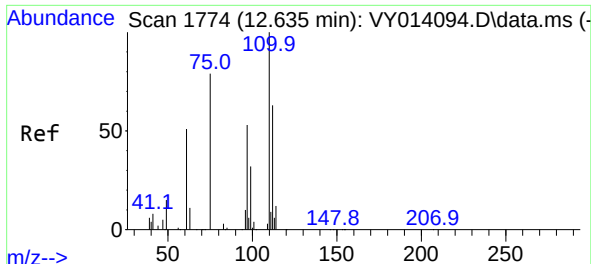
Tgt Ion:117 Resp: 276820
Ion Ratio Lower Upper
117 100
82 56.0 43.4 65.0
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

Tgt Ion:152 Resp: 130985
Ion Ratio Lower Upper
152 100
115 56.8 28.8 86.5
150 155.1 0.0 348.8

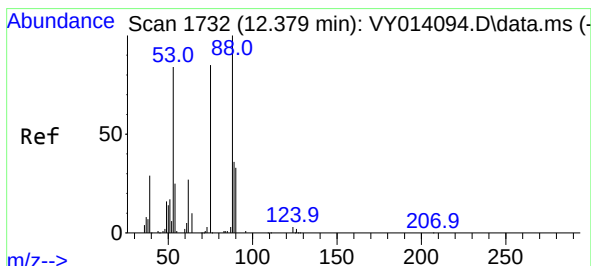
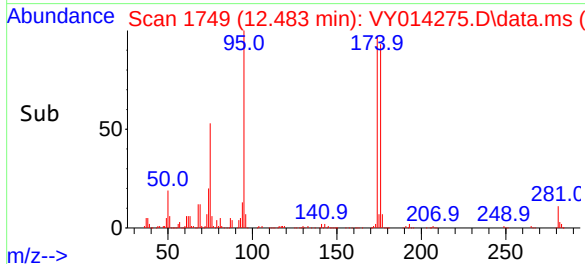
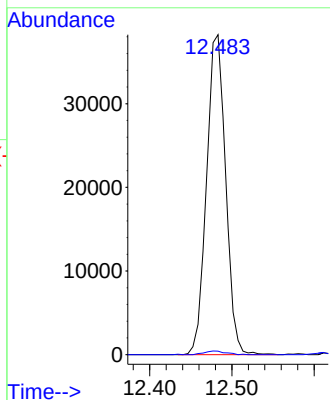
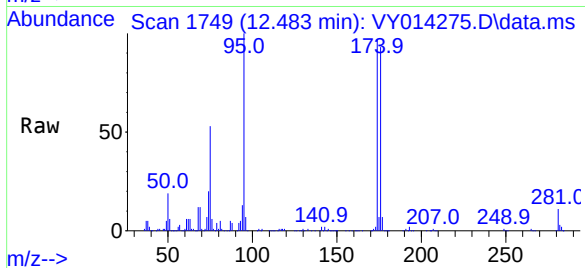




#76
1,2,3-Trichloropropane
Concen: 35.909 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL01

Tgt Ion: 75 Resp: 61709
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.621 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

Tgt Ion: 75 Resp: 61709
Ion Ratio Lower Upper
75 100
53 0.3 77.8 116.8#
89 0.1 37.4 56.0#

