

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022624\
 Data File : VY017483.D
 Acq On : 26 Feb 2024 15:51
 Operator : SY/MD
 Sample : P1564-13
 Misc : 3.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-15

Quant Time: Feb 27 01:53:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

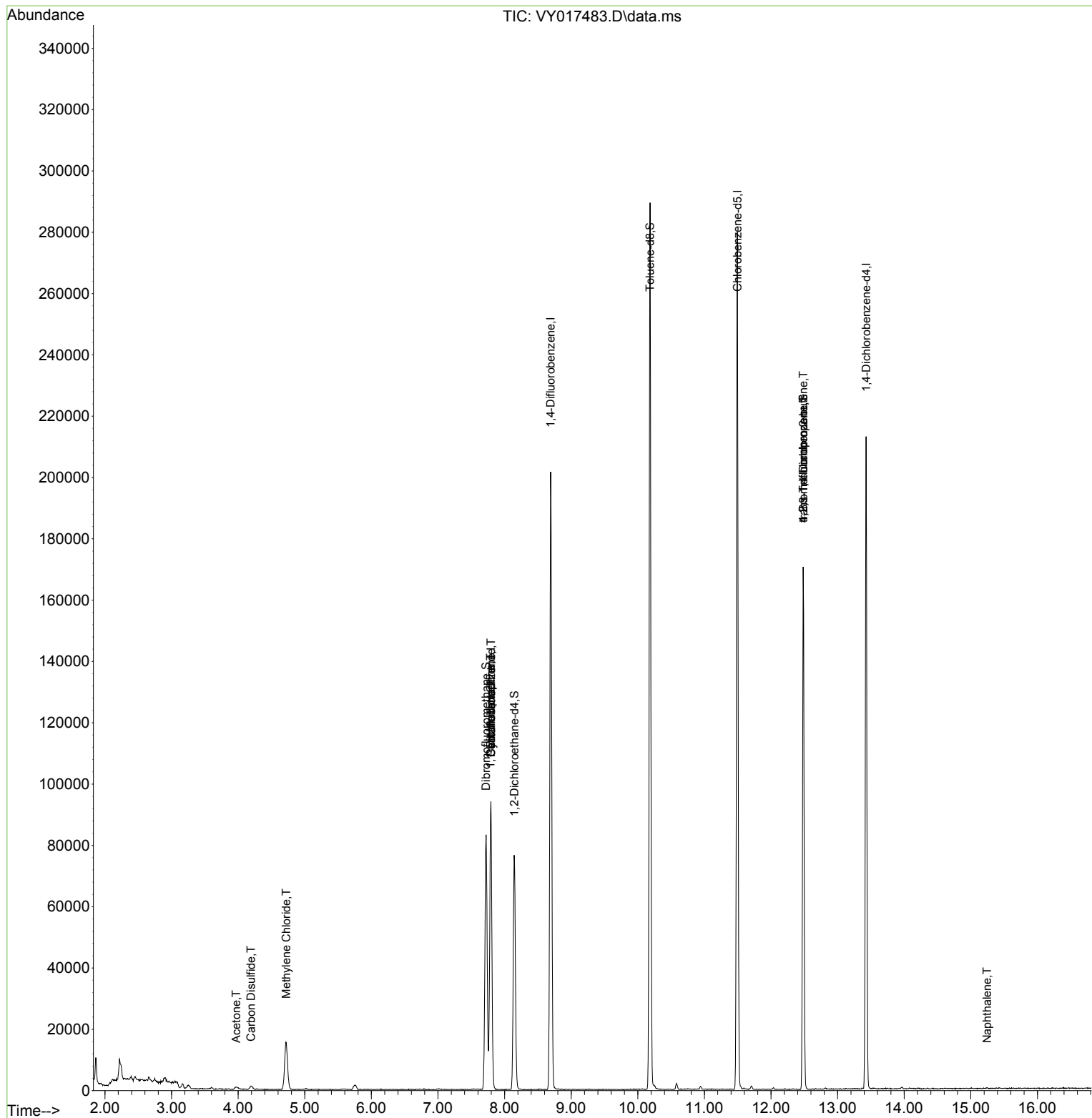
Internal Standards						
1) Pentafluorobenzene	7.795	168	76649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	184223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	165073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	57219	78.768	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.540%
35) Dibromofluoromethane	7.722	113	60498	47.127	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.260%
50) Toluene-d8	10.185	98	191850	42.744	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.480%
62) 4-Bromofluorobenzene	12.483	95	49494	35.088	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.180%
Target Compounds						
					Qvalue	
16) Acetone	3.972	43	1961	13.918	ug/l #	80
17) Carbon Disulfide	4.192	76	2822	1.298	ug/l #	76
20) Methylene Chloride	4.722	84	12774	11.178	ug/l	92
31) Cyclohexane	7.795	56	1361	1.151	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	5339	3.083	ug/l #	48
38) Carbon Tetrachloride	7.795	117	7194	4.144	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	24681	44.974	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	24681	103.341	ug/l #	16
95) Naphthalene	15.245	128	238	4.036	ug/l #	69

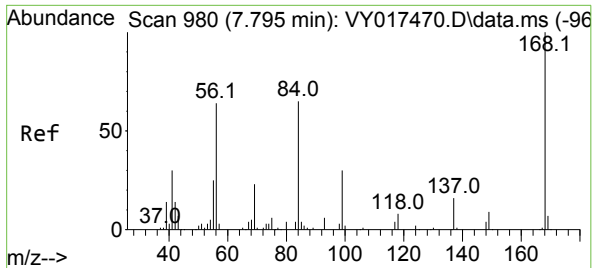
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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LKWD-BACKFILL-15

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Response via : Initial Calibration

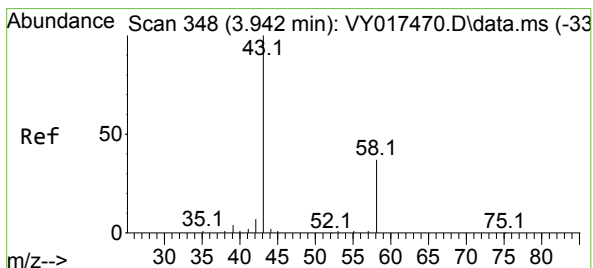
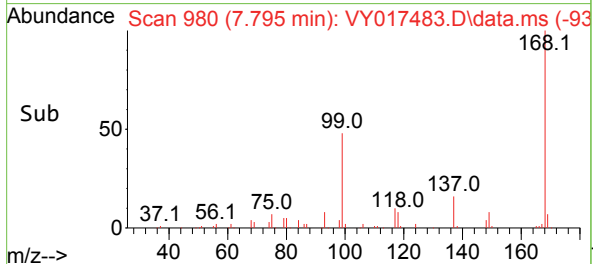
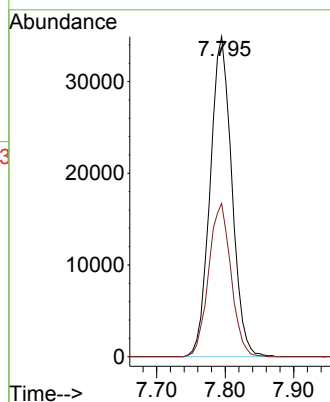
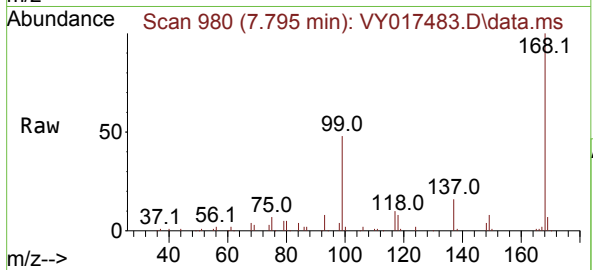




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017483.D
Acq: 26 Feb 2024 15:51

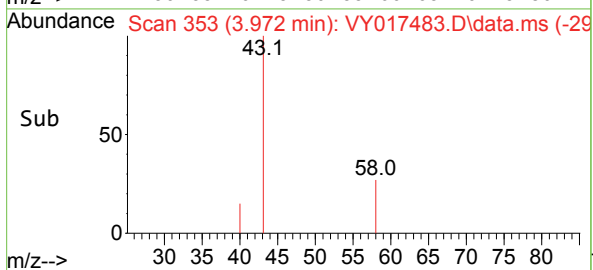
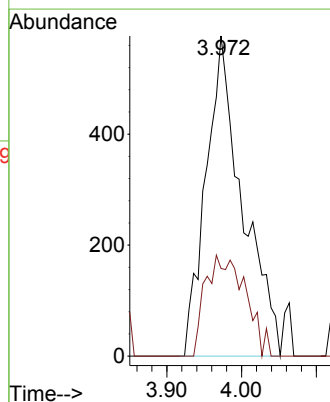
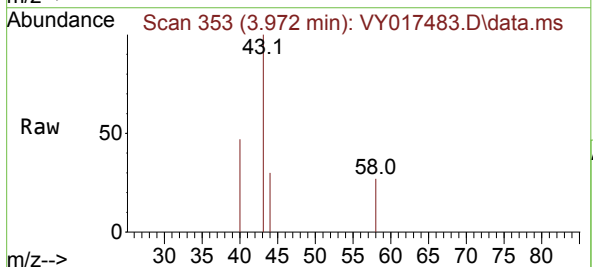
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-15

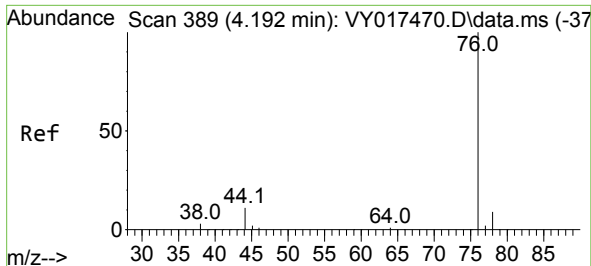
Tgt Ion:168 Resp: 76649
Ion Ratio Lower Upper
168 100
99 47.9 39.1 58.7



#16
Acetone
Concen: 13.918 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.030 min
Lab File: VY017483.D
Acq: 26 Feb 2024 15:51

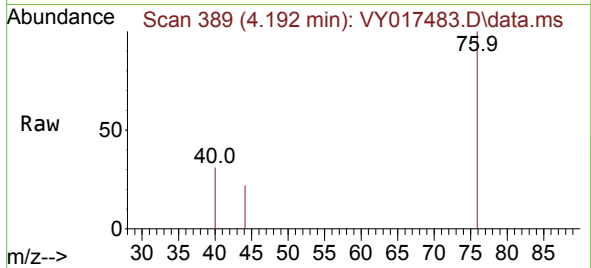
Tgt Ion: 43 Resp: 1961
Ion Ratio Lower Upper
43 100
58 27.4 31.7 47.5#



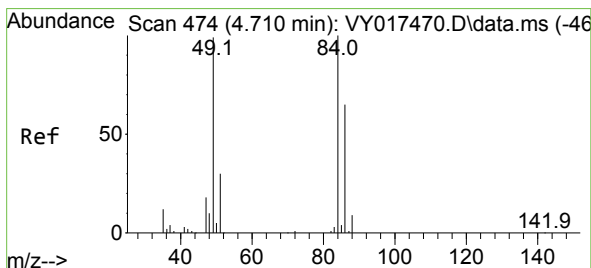
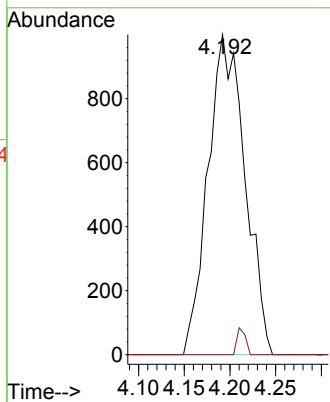
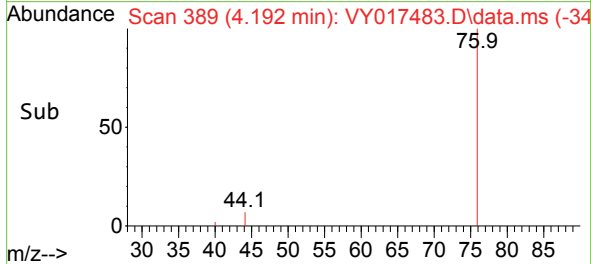


#17
Carbon Disulfide
Concen: 1.298 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY017483.D
Acq: 26 Feb 2024 15:51

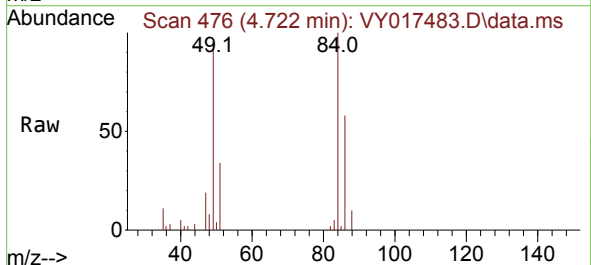
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-15



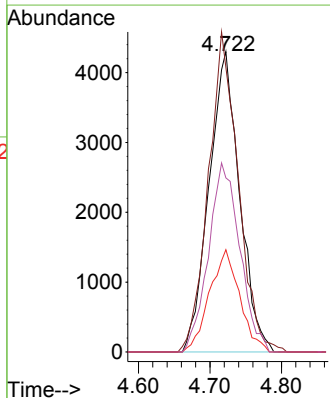
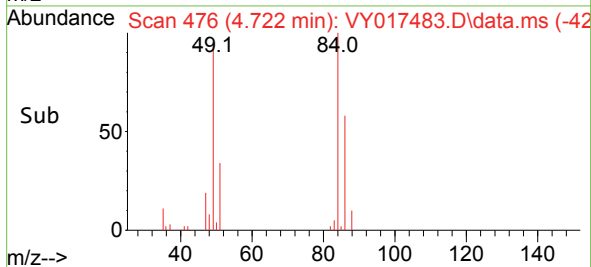
Tgt Ion: 76 Resp: 2822
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#

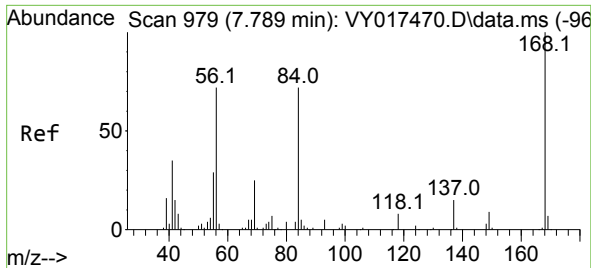


#20
Methylene Chloride
Concen: 11.178 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY017483.D
Acq: 26 Feb 2024 15:51



Tgt Ion: 84 Resp: 12774
Ion Ratio Lower Upper
84 100
49 94.7 84.4 126.6
51 34.0 26.0 39.0
86 58.0 49.5 74.3

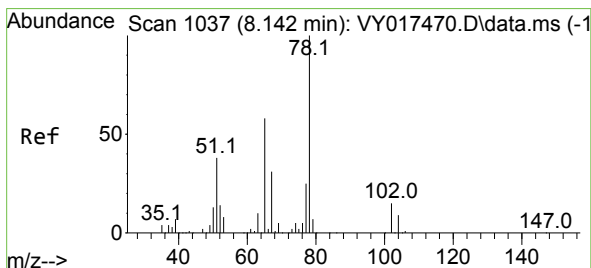
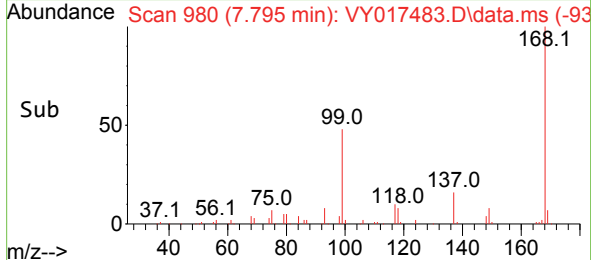
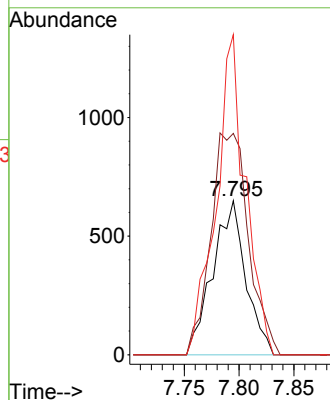
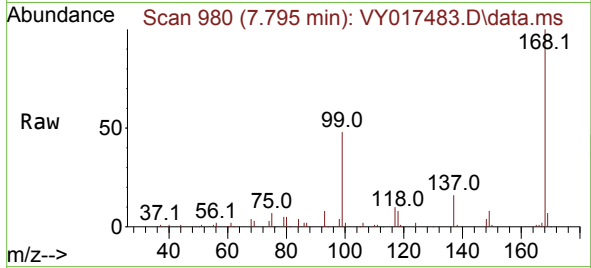




#31
Cyclohexane
Concen: 1.151 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017483.D
Acq: 26 Feb 2024 15:51

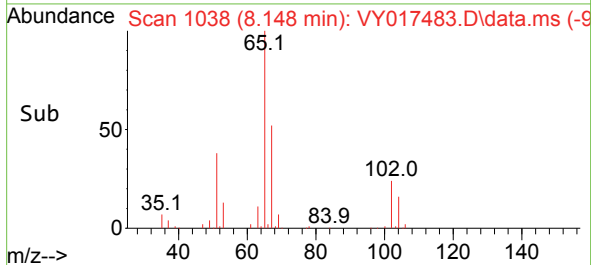
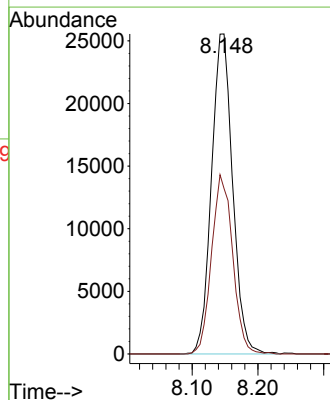
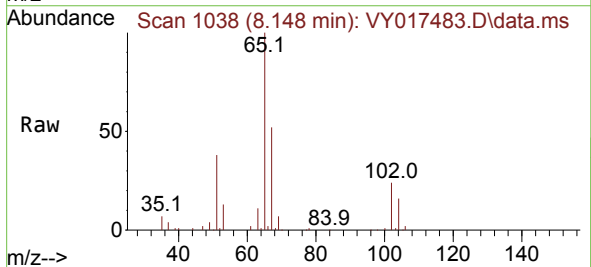
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-15

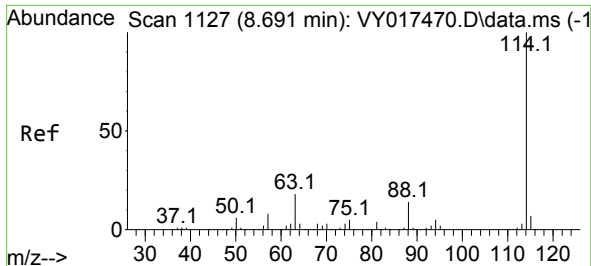
Tgt Ion: 56 Resp: 1361
Ion Ratio Lower Upper
56 100
69 143.8 28.7 43.1#
84 207.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 78.768 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017483.D
Acq: 26 Feb 2024 15:51

Tgt Ion: 65 Resp: 57219
Ion Ratio Lower Upper
65 100
67 55.9 0.0 109.6

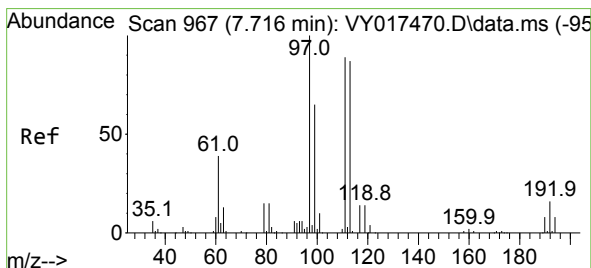
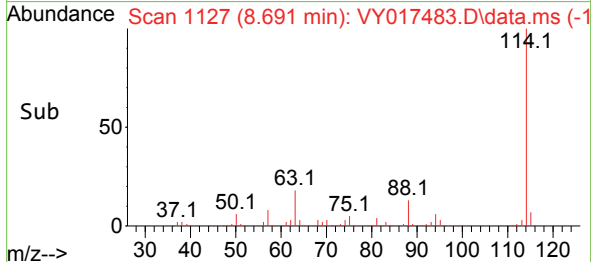
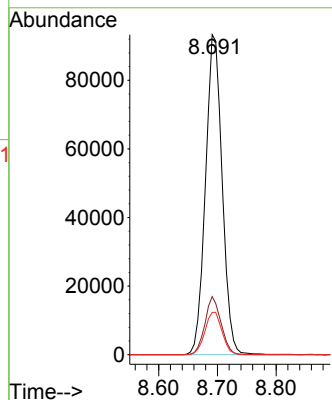
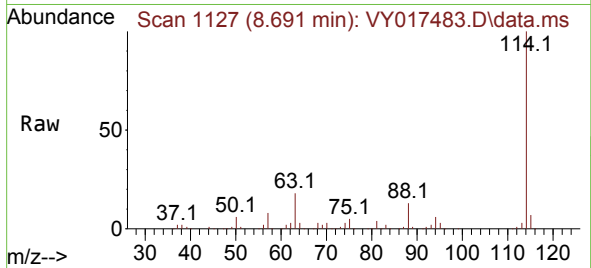




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY017483.D
Acq: 26 Feb 2024 15:51

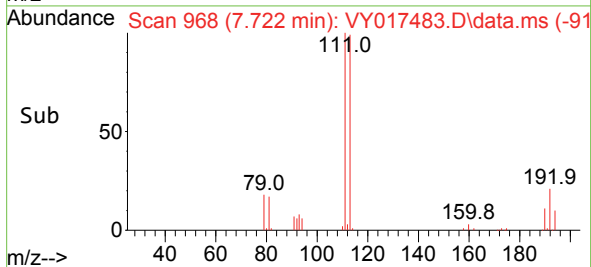
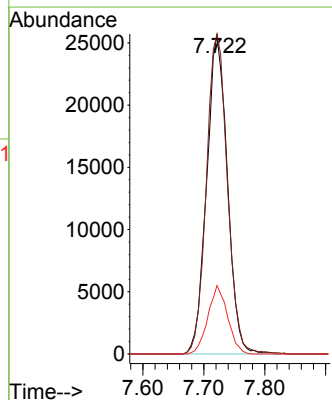
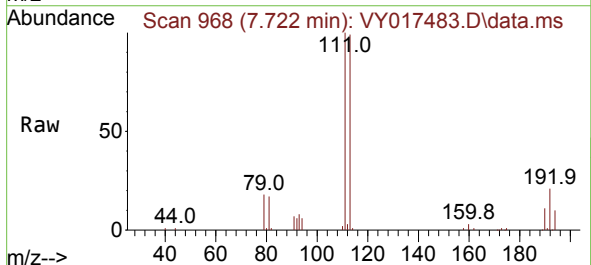
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-15

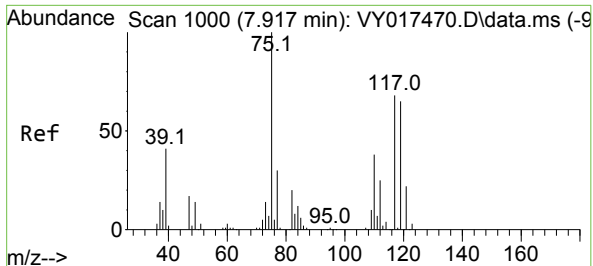
Tgt Ion:114 Resp: 184223
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.0
88 13.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 47.127 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017483.D
Acq: 26 Feb 2024 15:51

Tgt Ion:113 Resp: 60498
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 20.4 15.9 23.9

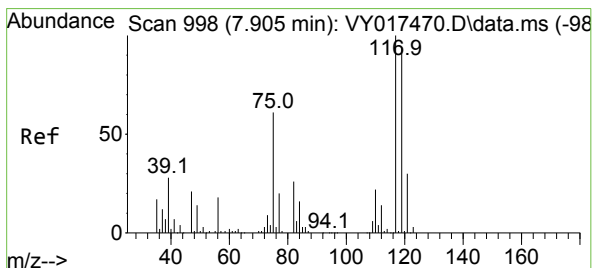
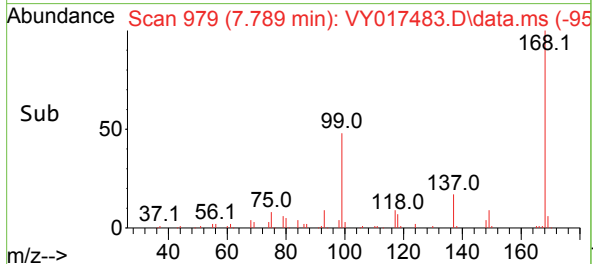
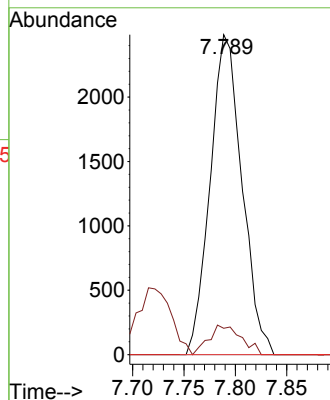
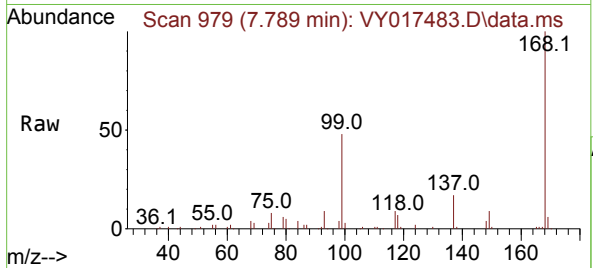




#36
1,1-Dichloropropene
Concen: 3.083 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY017483.D
Acq: 26 Feb 2024 15:51

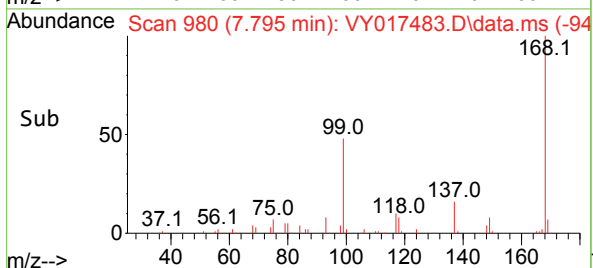
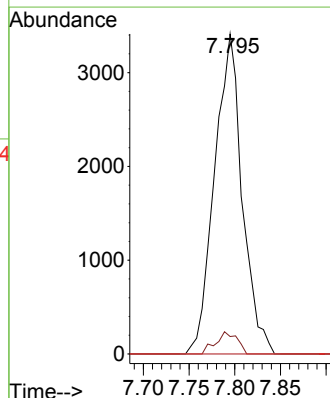
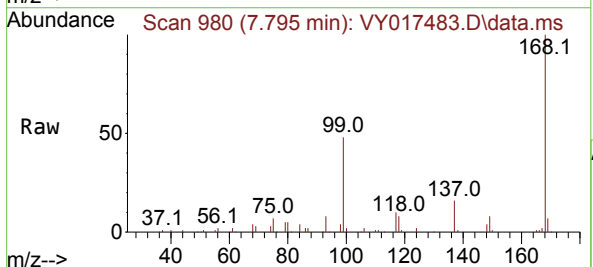
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-15

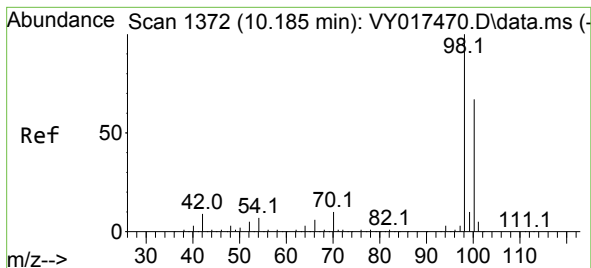
Tgt Ion: 75 Resp: 5339
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 4.144 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY017483.D
Acq: 26 Feb 2024 15:51

Tgt Ion: 117 Resp: 7194
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 42.744 ug/l

RT: 10.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017483.D

Acq: 26 Feb 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

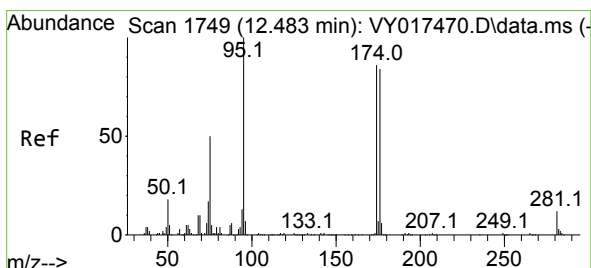
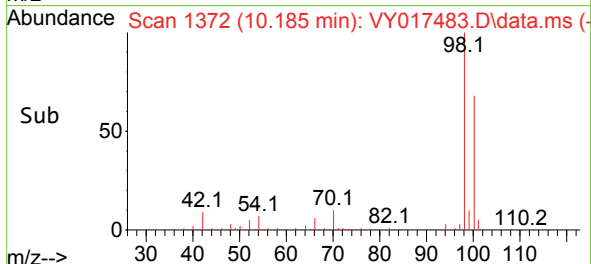
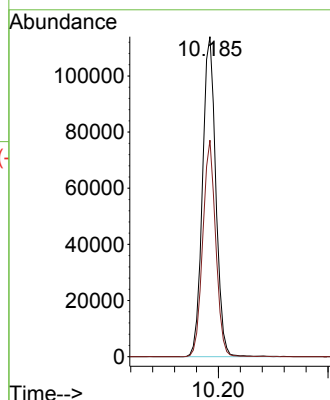
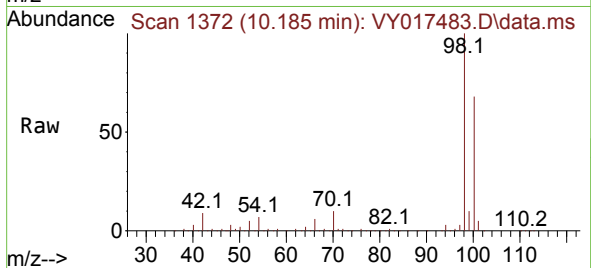
LKWD-BACKFILL-15

Tgt Ion: 98 Resp: 191850

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 35.088 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY017483.D

Acq: 26 Feb 2024 15:51

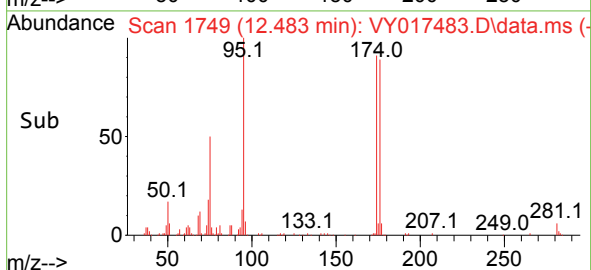
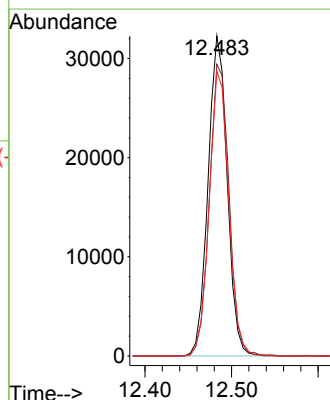
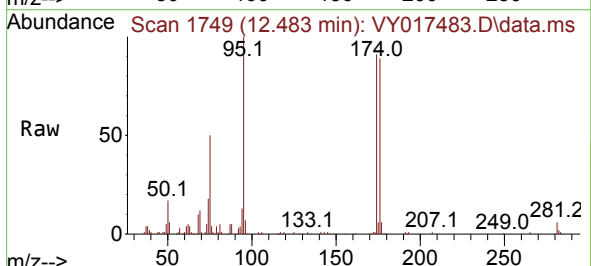
Tgt Ion: 95 Resp: 49494

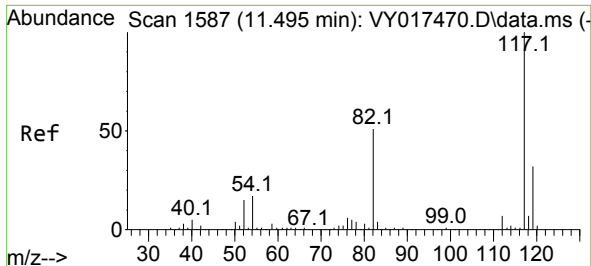
Ion Ratio Lower Upper

95 100

174 94.0 0.0 175.6

176 90.2 0.0 171.4

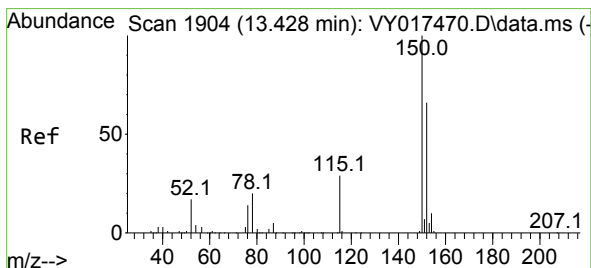
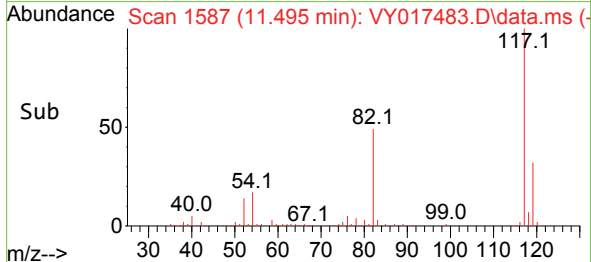
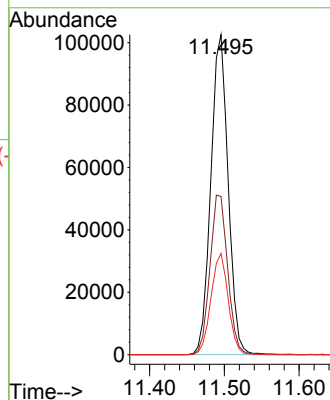
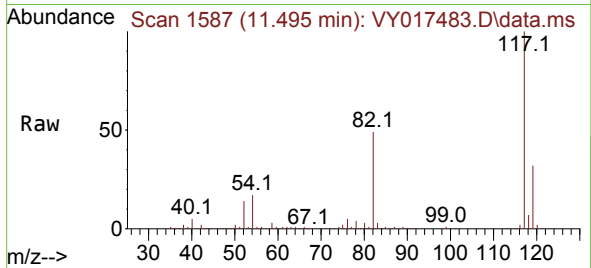




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017483.D
Acq: 26 Feb 2024 15:51

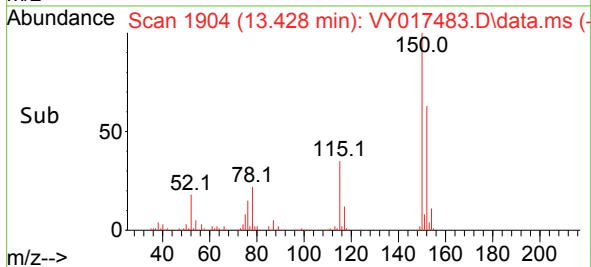
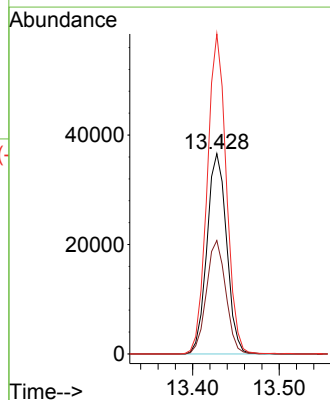
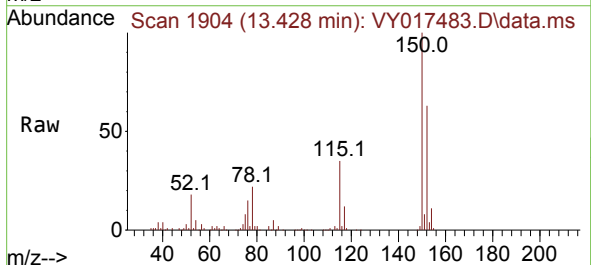
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-15

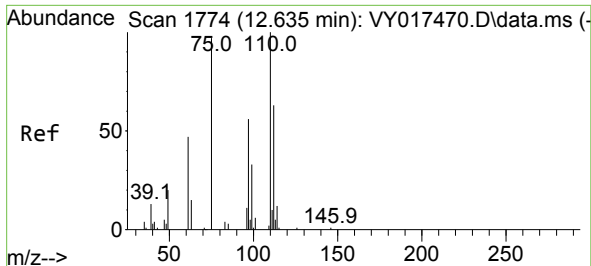
Tgt Ion:117 Resp: 165073
Ion Ratio Lower Upper
117 100
82 49.5 42.4 63.6
119 31.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY017483.D
Acq: 26 Feb 2024 15:51

Tgt Ion:152 Resp: 57757
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 155.1 0.0 345.6

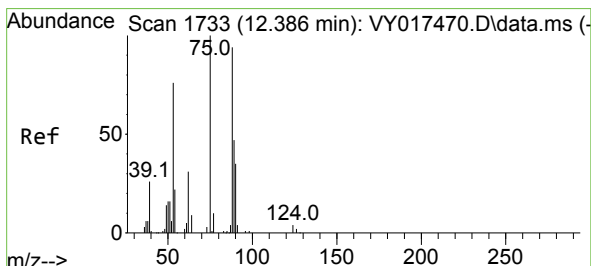
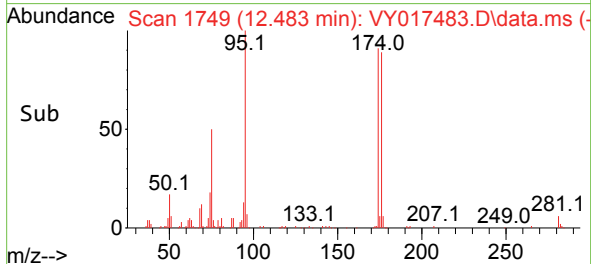
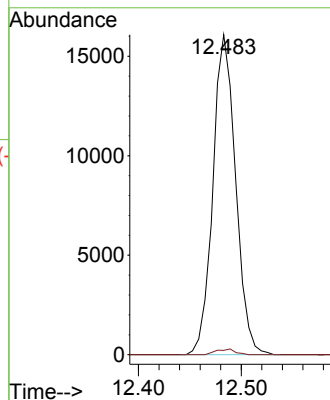
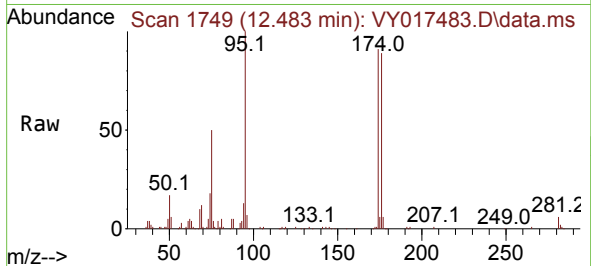




#76
1,2,3-Trichloropropane
Concen: 44.974 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017483.D
Acq: 26 Feb 2024 15:51

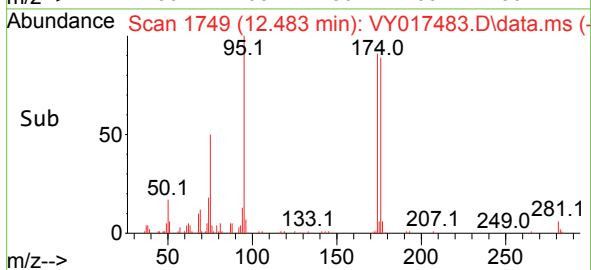
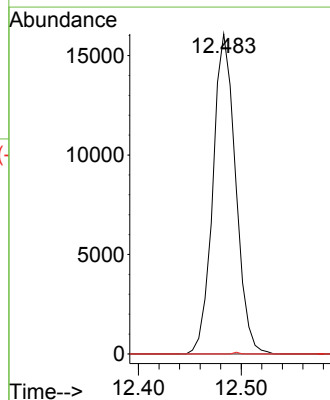
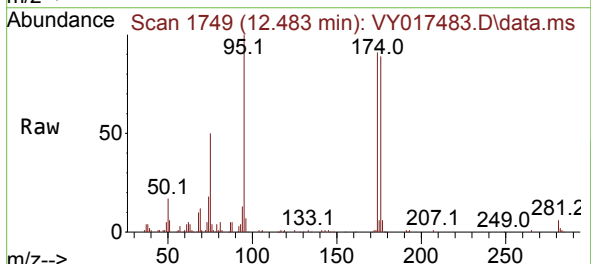
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-15

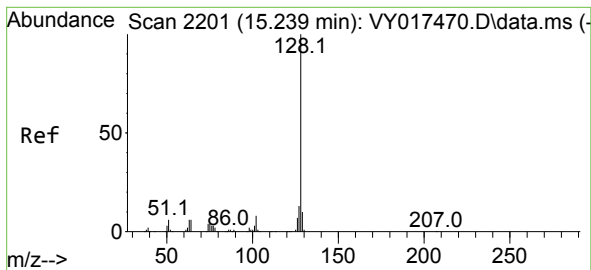
Tgt Ion: 75 Resp: 24681
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.341 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY017483.D
Acq: 26 Feb 2024 15:51

Tgt Ion: 75 Resp: 24681
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#





#95

Naphthalene

Concen: 4.036 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017483.D

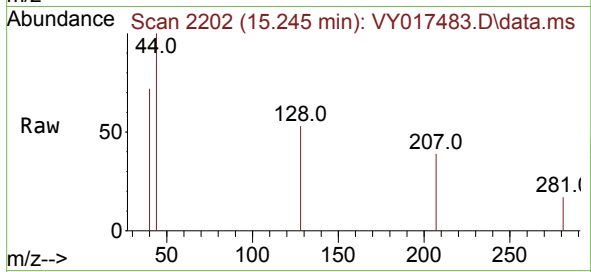
Acq: 26 Feb 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-15



Tgt Ion:128 Resp: 238

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#

