

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016302.D
 Acq On : 10 Nov 2023 12:48
 Operator : SY/MD
 Sample : 05345-08
 Misc : 5.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NEW-PARKING-LOT-STOCKPILE-B

Quant Time: Nov 10 22:20:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

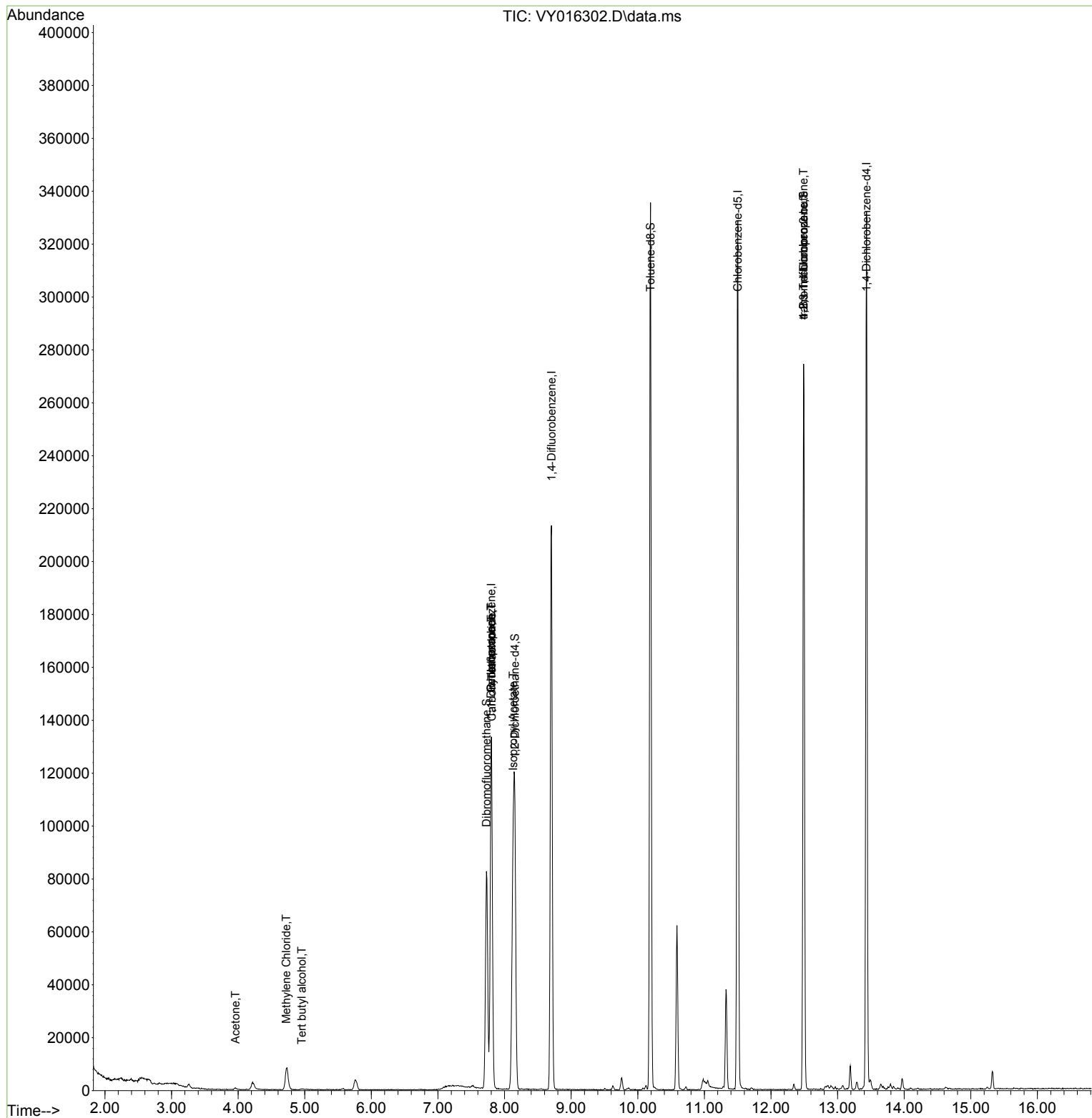
Internal Standards						
1) Pentafluorobenzene	7.801	168	105173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	189292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	182564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	84731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	67376	70.093	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 140.180%			
35) Dibromofluoromethane	7.728	113	59333	55.178	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.360%			
50) Toluene-d8	10.191	98	222007	50.913	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.820%			
62) 4-Bromofluorobenzene	12.489	95	78613	55.508	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.020%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	506	6.722	ug/l #	89
16) Acetone	3.961	43	1109	6.975	ug/l #	86
20) Methylene Chloride	4.723	84	6400	2.383	ug/l #	83
31) Cyclohexane	7.801	56	2007	1.060	ug/l #	16
36) 1,1-Dichloropropene	7.795	75	8536	4.572	ug/l #	50
38) Carbon Tetrachloride	7.807	117	10324	5.328	ug/l #	16
43) Isopropyl Acetate	8.130	43	1707	1.171	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	40618	49.972	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	40618	108.468	ug/l #	11

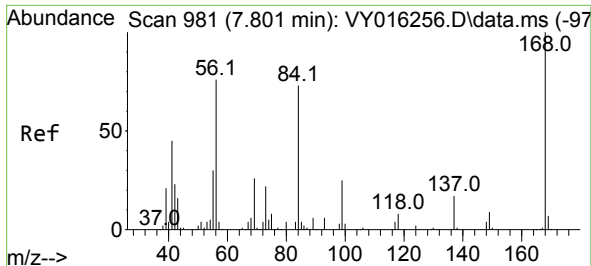
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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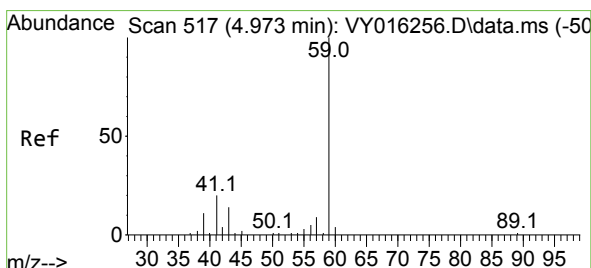
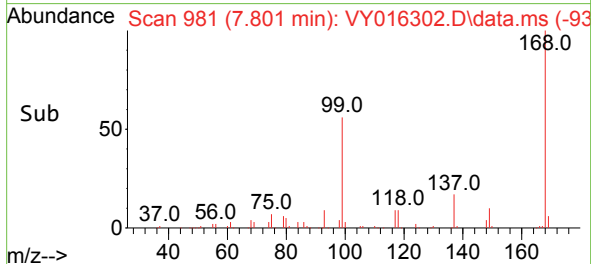
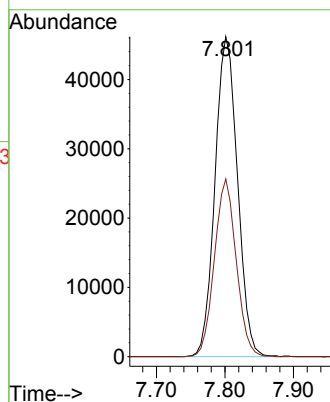
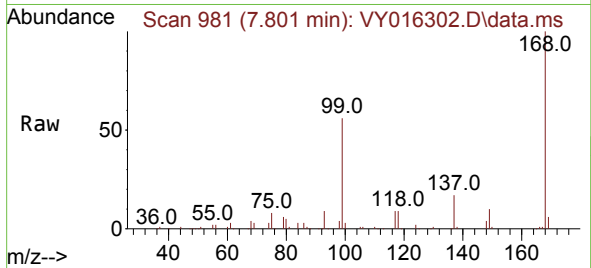




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016302.D
Acq: 10 Nov 2023 12:48

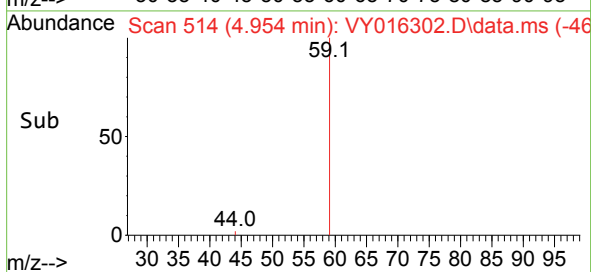
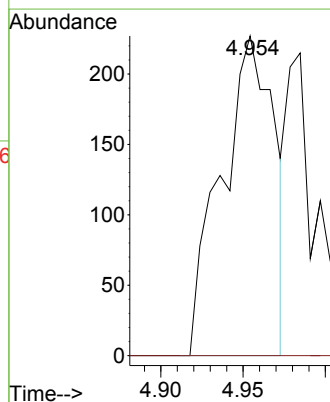
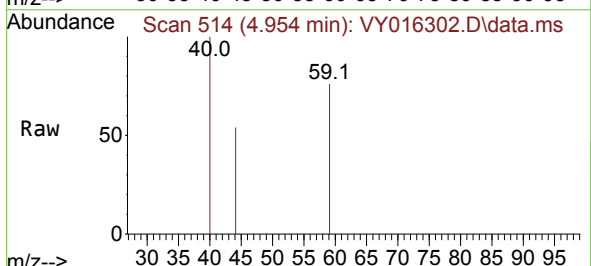
Instrument :
MSVOA_Y
ClientSampleId :
NEW-PARKING-LOT-STOCKPILE-B

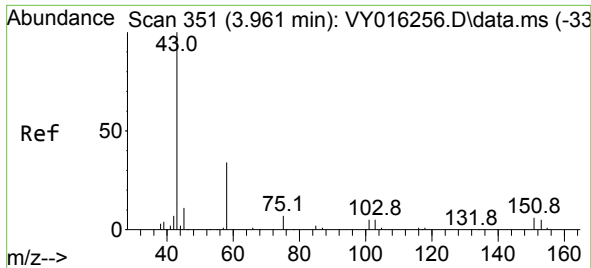
Tgt Ion:168 Resp: 105173
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#11
Tert butyl alcohol
Concen: 6.722 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY016302.D
Acq: 10 Nov 2023 12:48

Tgt Ion: 59 Resp: 506
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

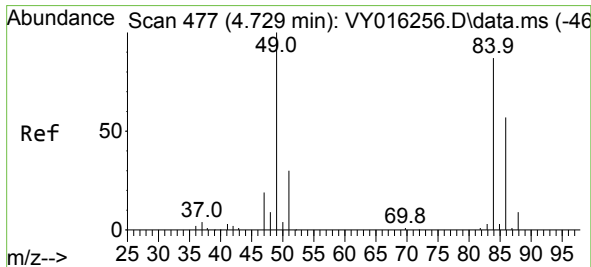
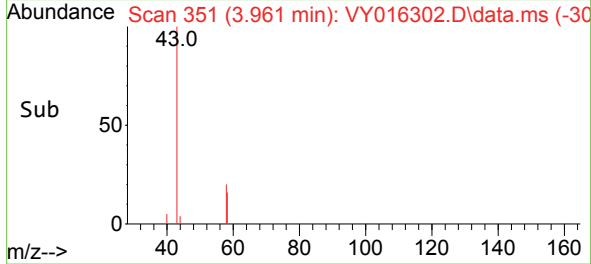
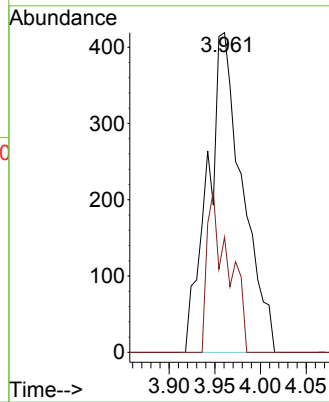
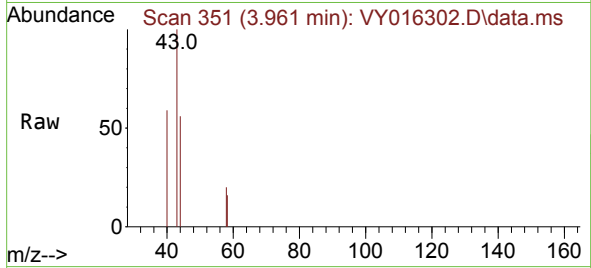




#16
Acetone
Concen: 6.975 ug/l
RT: 3.961 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY016302.D
Acq: 10 Nov 2023 12:48

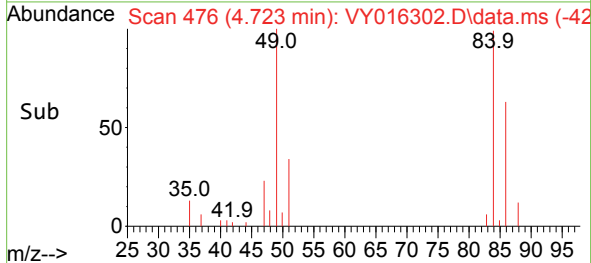
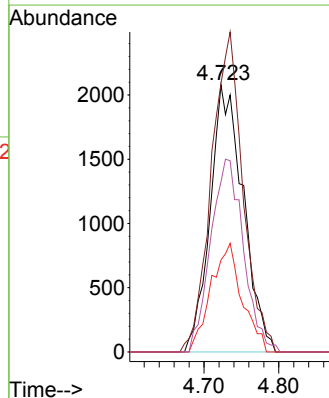
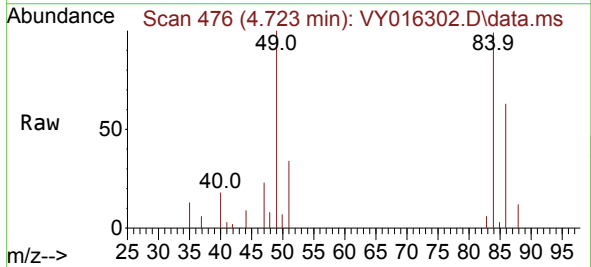
Instrument : MSVOA_Y
ClientSampleId : NEW-PARKING-LOT-STOCKPILE-B

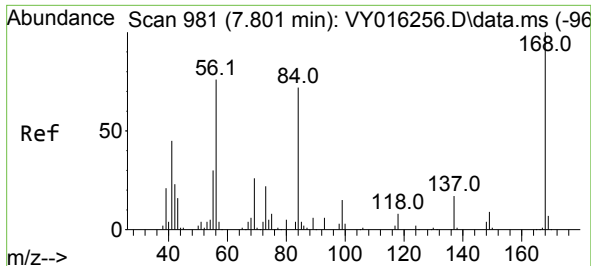
Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
58 36.0 22.7 34.1#



#20
Methylene Chloride
Concen: 2.383 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY016302.D
Acq: 10 Nov 2023 12:48

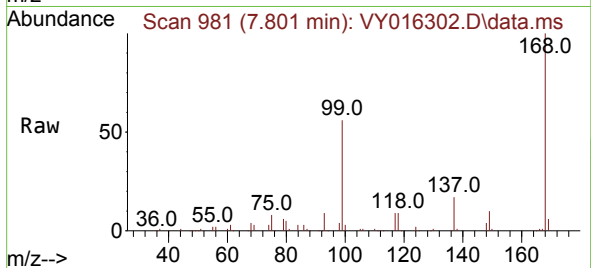
Tgt Ion: 84 Resp: 6400
Ion Ratio Lower Upper
84 100
49 100.8 106.9 160.3#
51 34.5 33.2 49.8
86 63.8 51.0 76.6



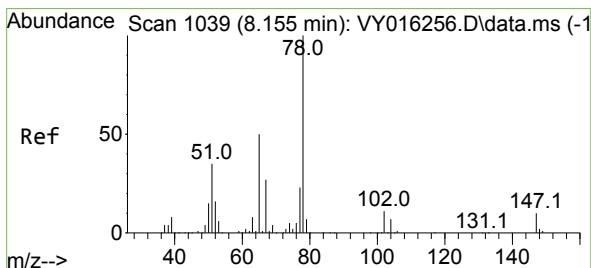
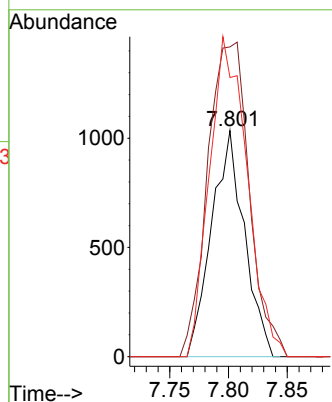
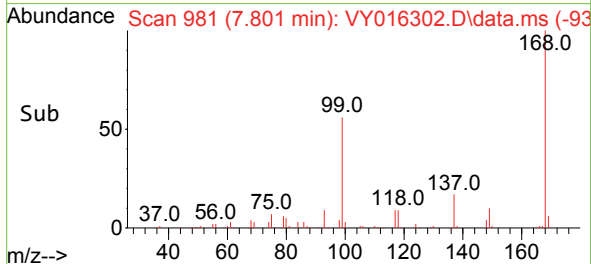


#31
Cyclohexane
Concen: 1.060 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016302.D
Acq: 10 Nov 2023 12:48

Instrument :
MSVOA_Y
ClientSampleId :
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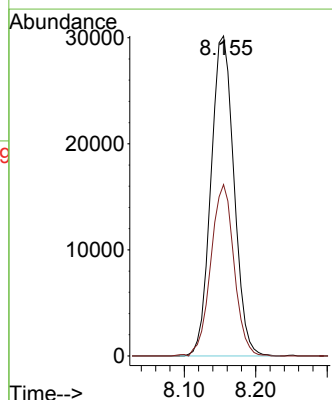
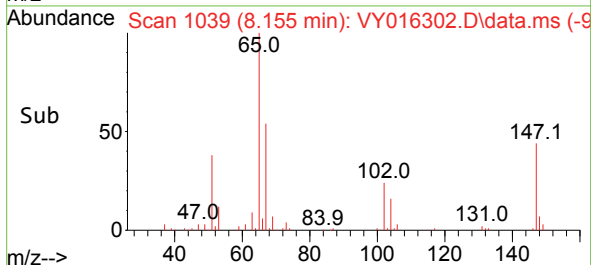
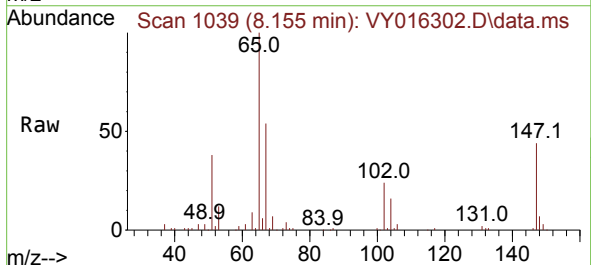


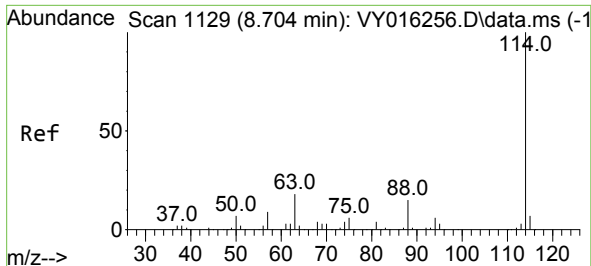
Tgt Ion: 56 Resp: 2007
Ion Ratio Lower Upper
56 100
69 137.0 27.8 41.6#
84 123.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 70.093 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016302.D
Acq: 10 Nov 2023 12:48

Tgt Ion: 65 Resp: 67376
Ion Ratio Lower Upper
65 100
67 54.0 0.0 101.8

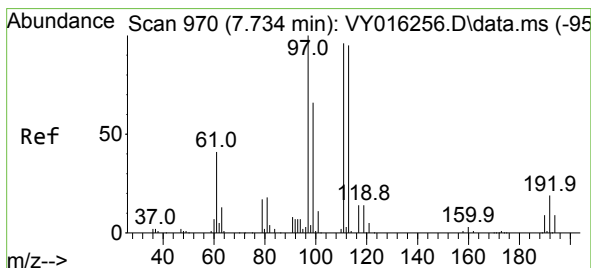
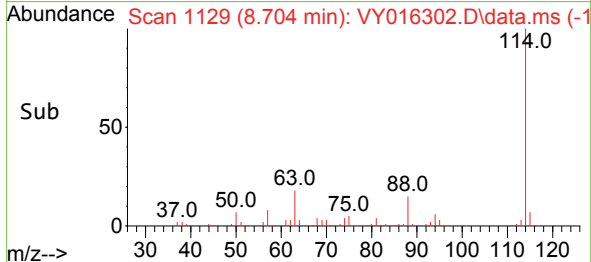
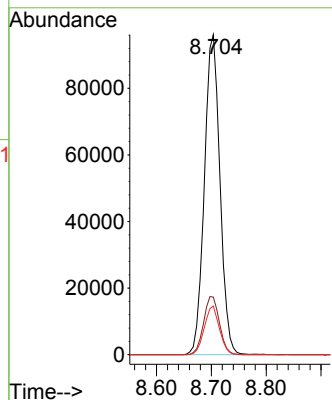
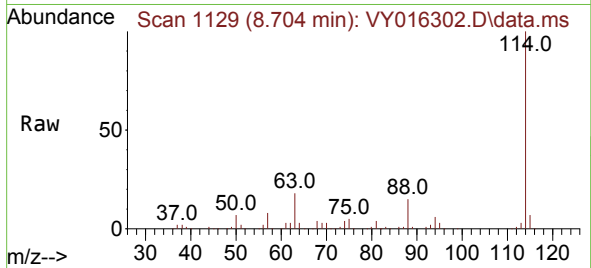




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.704 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016302.D
Acq: 10 Nov 2023 12:48

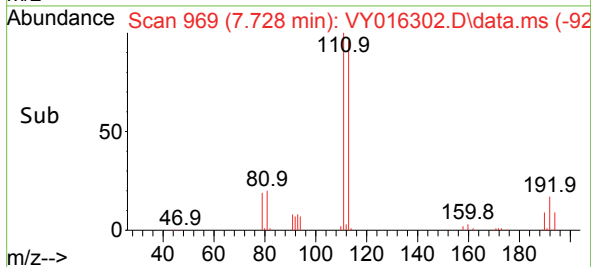
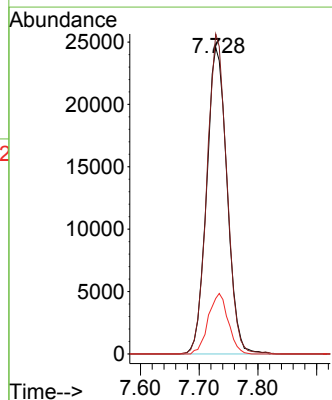
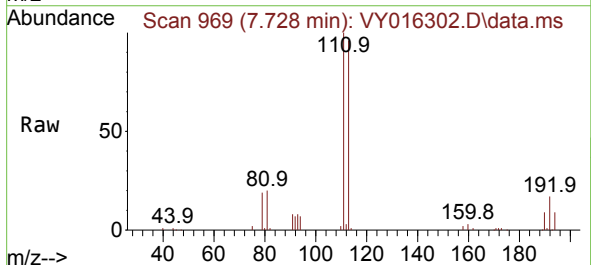
Instrument : MSVOA_Y
ClientSampleId : NEW-PARKING-LOT-STOCKPILE-B

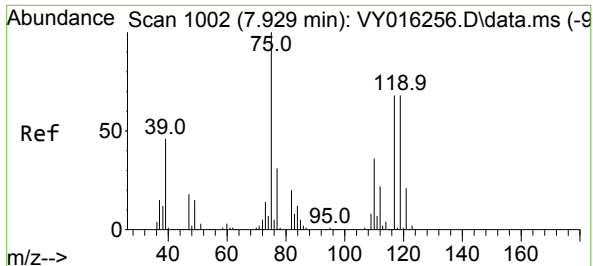
Tgt Ion:114 Resp: 189292
Ion Ratio Lower Upper
114 100
63 18.0 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.178 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY016302.D
Acq: 10 Nov 2023 12:48

Tgt Ion:113 Resp: 59333
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 19.2 16.9 25.3

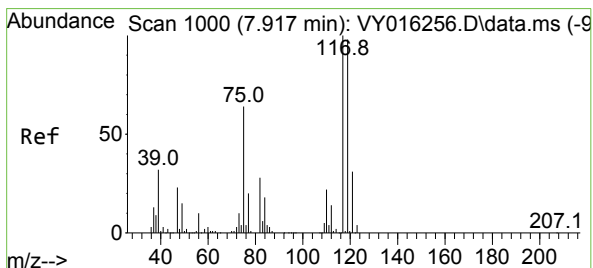
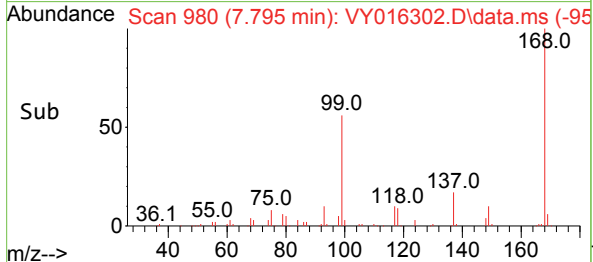
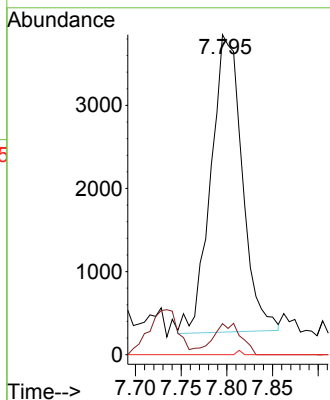
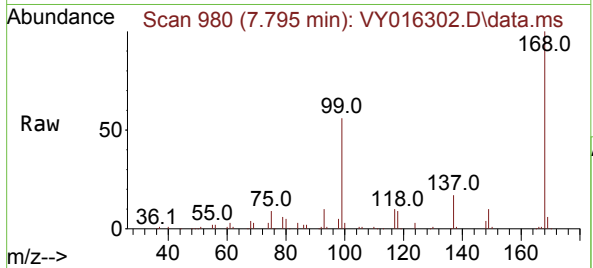




#36
1,1-Dichloropropene
Concen: 4.572 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY016302.D
Acq: 10 Nov 2023 12:48

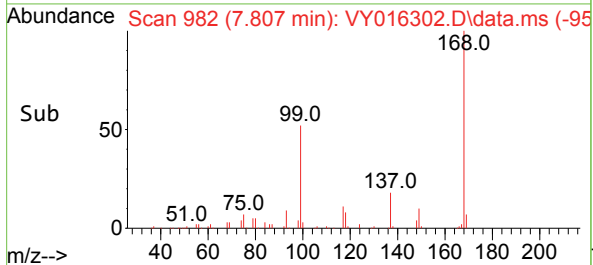
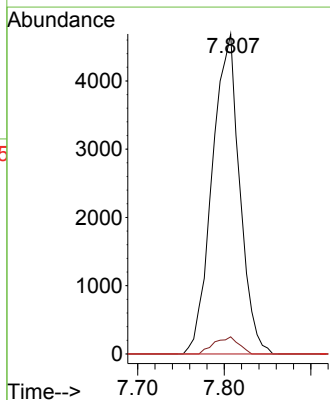
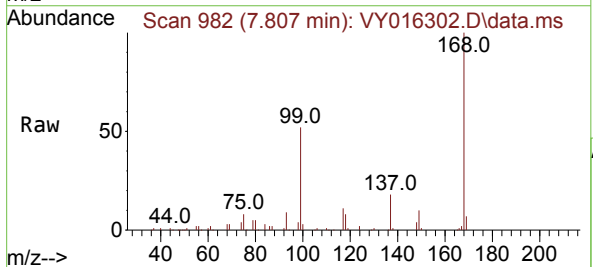
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ClientSampleId :
NEW-PARKING-LOT-STOCKPILE-B

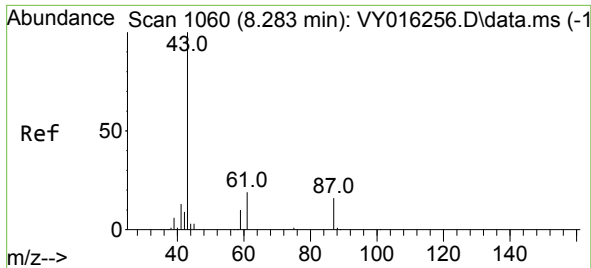
Tgt Ion: 75 Resp: 8536
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.2 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.328 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY016302.D
Acq: 10 Nov 2023 12:48

Tgt Ion: 117 Resp: 10324
Ion Ratio Lower Upper
117 100
119 5.3 76.4 114.6#
121 0.0 25.8 38.6#

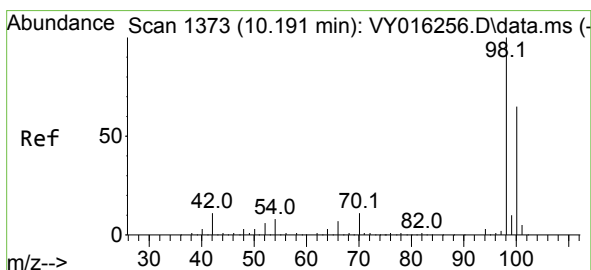
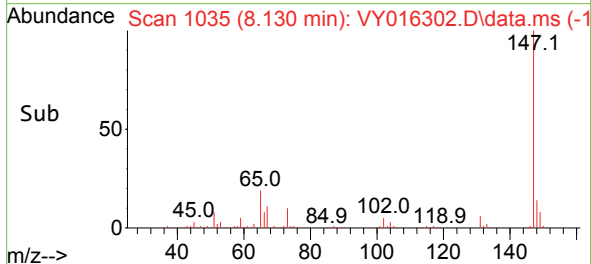
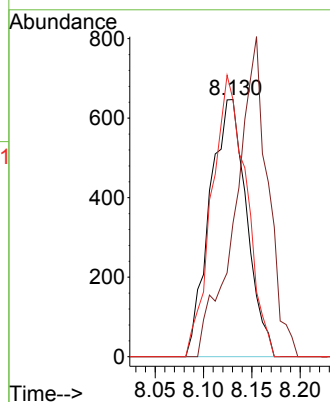
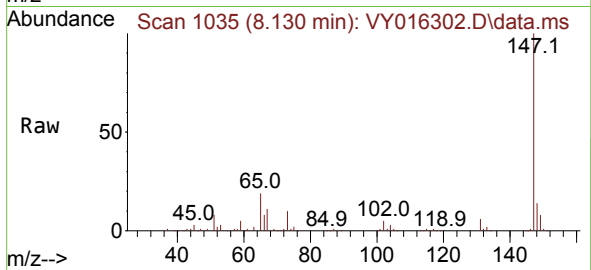




#43
Isopropyl Acetate
Concen: 1.171 ug/l
RT: 8.130 min Scan# 1060
Delta R.T. -0.152 min
Lab File: VY016302.D
Acq: 10 Nov 2023 12:48

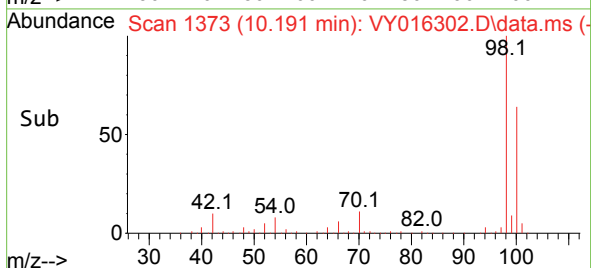
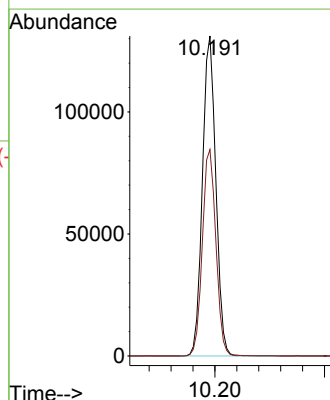
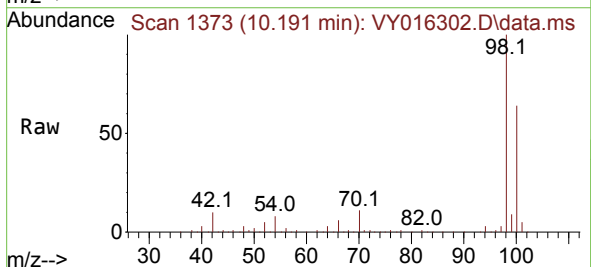
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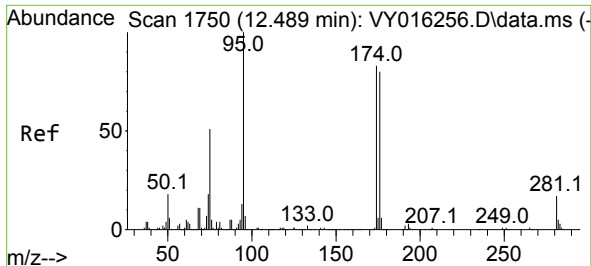
Tgt Ion: 43 Resp: 1707
Ion Ratio Lower Upper
43 100
61 0.0 21.1 31.7#
87 103.0 9.8 14.8#



#50
Toluene-d8
Concen: 50.913 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016302.D
Acq: 10 Nov 2023 12:48

Tgt Ion: 98 Resp: 222007
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

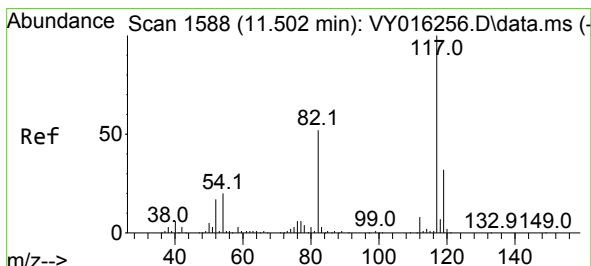
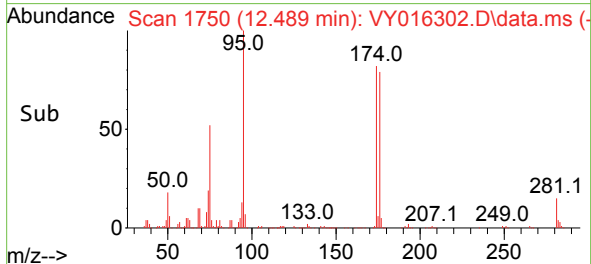
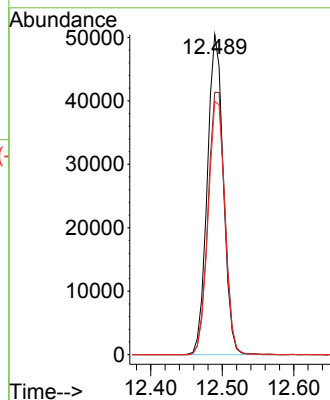
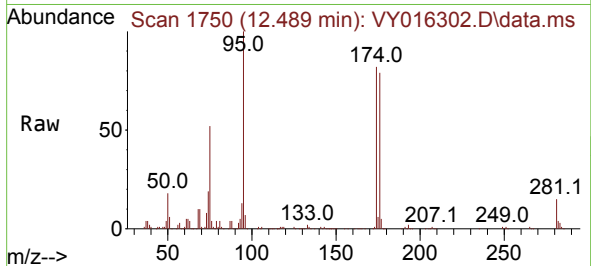




#62
4-Bromofluorobenzene
Concen: 55.508 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016302.D
Acq: 10 Nov 2023 12:48

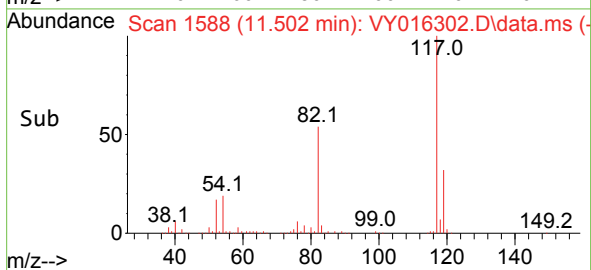
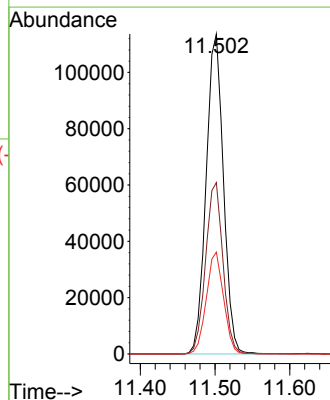
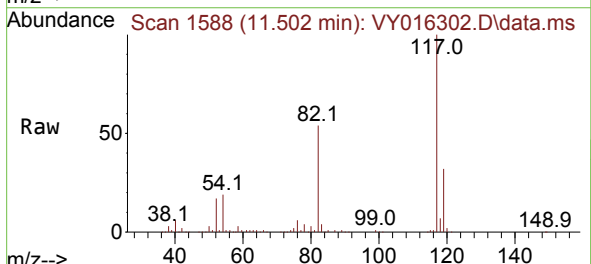
Instrument :
MSVOA_Y
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NEW-PARKING-LOT-STOCKPILE-B

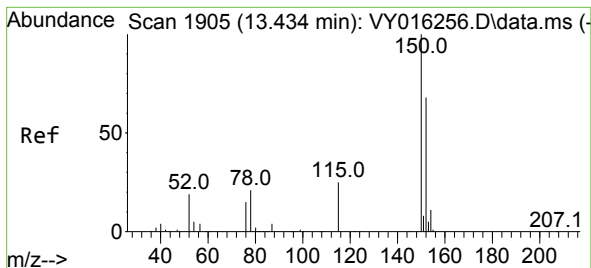
Tgt Ion: 95 Resp: 78613
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 82.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016302.D
Acq: 10 Nov 2023 12:48

Tgt Ion: 117 Resp: 182564
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 31.8 26.3 39.5

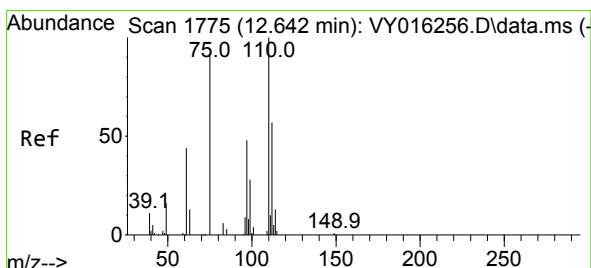
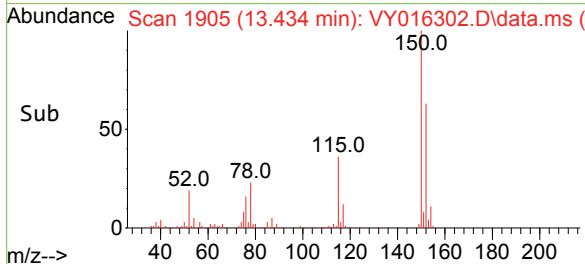
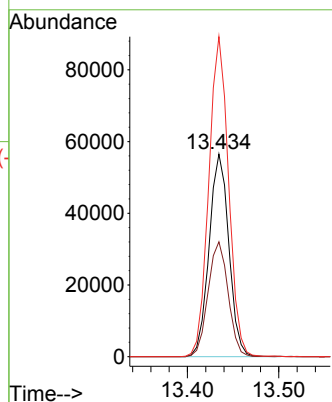
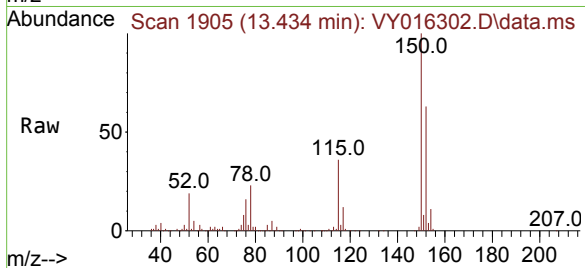




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016302.D
Acq: 10 Nov 2023 12:48

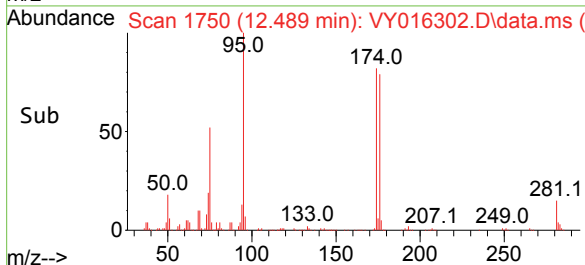
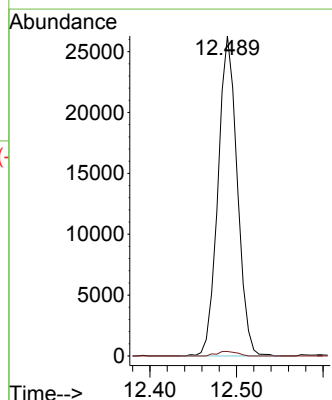
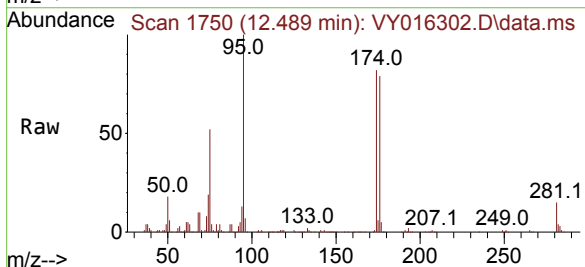
Instrument :
MSVOA_Y
ClientSampleId :
NEW-PARKING-LOT-STOCKPILE-B

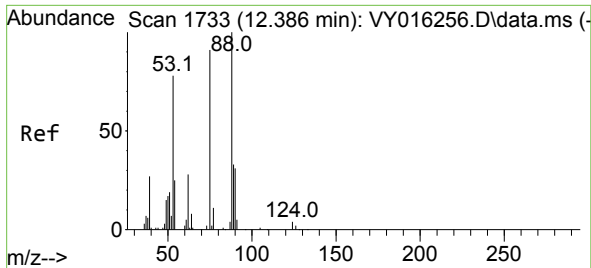
Tgt Ion:152 Resp: 84731
Ion Ratio Lower Upper
152 100
115 57.6 28.8 86.5
150 157.9 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 49.972 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY016302.D
Acq: 10 Nov 2023 12:48

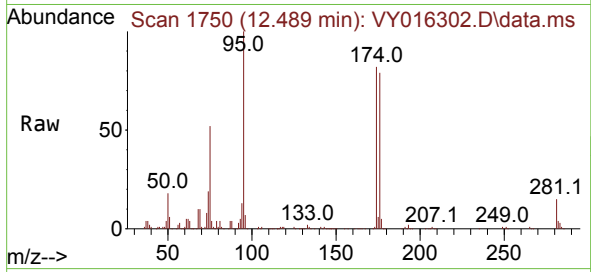
Tgt Ion: 75 Resp: 40618
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.468 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY016302.D
 Acq: 10 Nov 2023 12:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 NEW-PARKING-LOT-STOCKPILE-B



Tgt Ion: 75 Resp: 40618
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.2 37.4 56.0#

