

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016301.D
 Acq On : 10 Nov 2023 12:24
 Operator : SY/MD
 Sample : 05345-01
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 10 22:19:58 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)

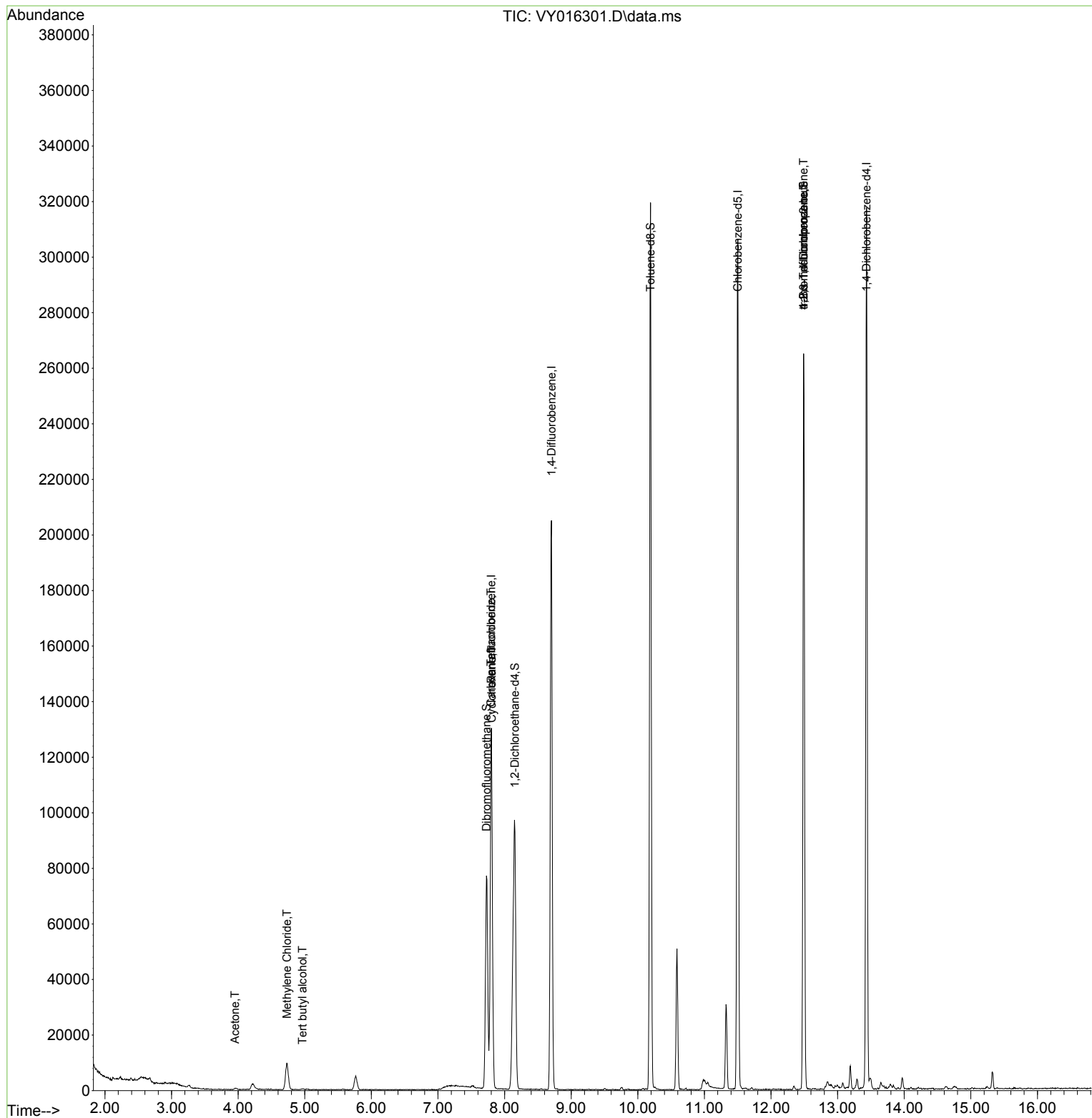
Internal Standards						
1) Pentafluorobenzene	7.801	168	100344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	180237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	175385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	82186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	64402	70.223	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.440%	
35) Dibromofluoromethane	7.728	113	55835	54.534	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.060%	
50) Toluene-d8	10.191	98	211598	50.963	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	12.489	95	76888	57.018	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	413	5.751	ug/l #	89
16) Acetone	3.954	43	927	6.111	ug/l	91
20) Methylene Chloride	4.734	84	7461	3.742	ug/l #	84
31) Cyclohexane	7.807	56	2023	1.120	ug/l #	1
38) Carbon Tetrachloride	7.795	117	9586	5.195	ug/l #	15
76) 1,2,3-Trichloropropane	12.489	75	39609	50.240	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	39609	109.049	ug/l #	11

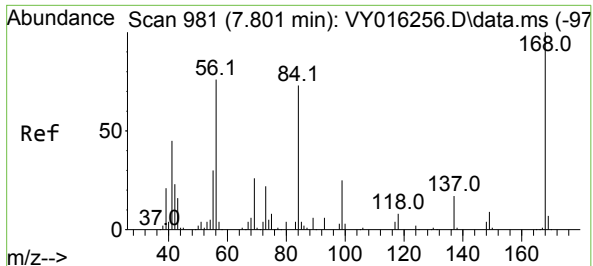
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
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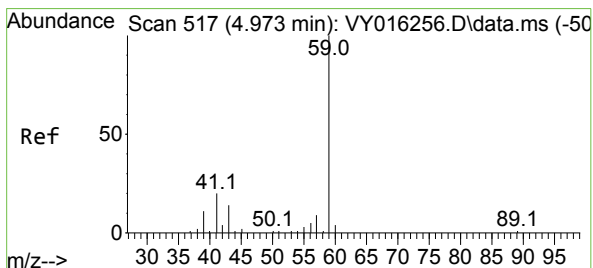
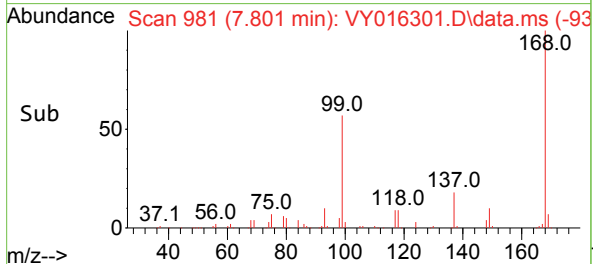
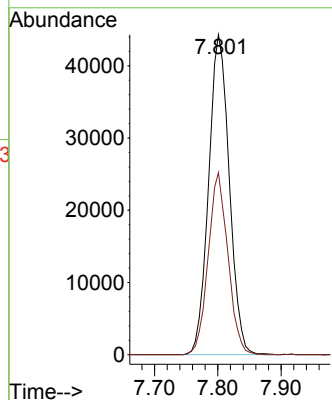
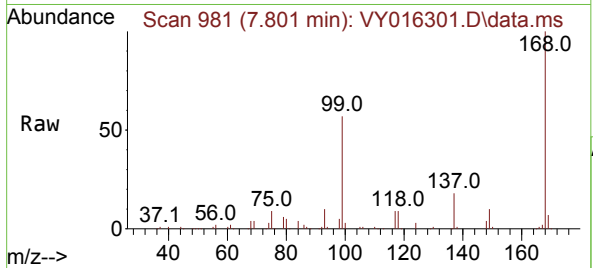




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016301.D
Acq: 10 Nov 2023 12:24

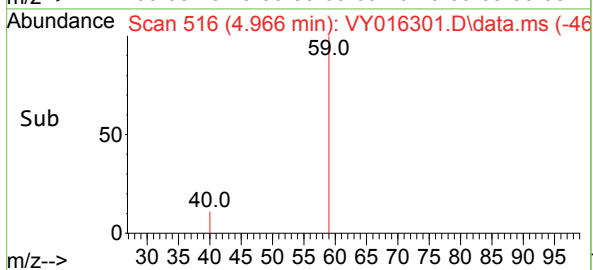
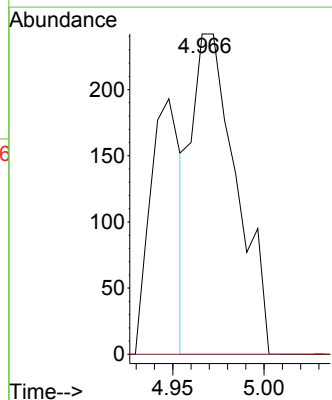
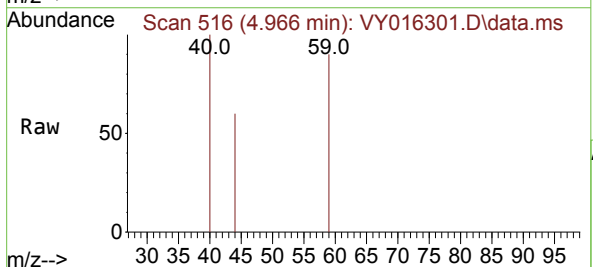
Instrument :
MSVOA_Y
ClientSampleId :
NEW-PARKING-LOT-STOCKPILE-A

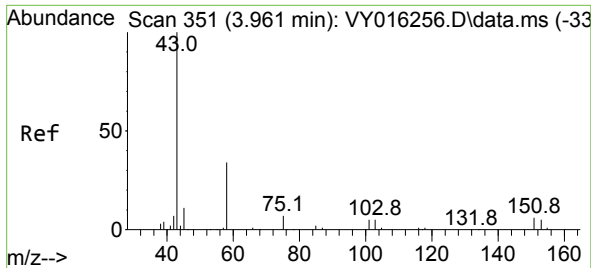
Tgt Ion:168 Resp: 100344
Ion Ratio Lower Upper
168 100
99 56.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 5.751 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY016301.D
Acq: 10 Nov 2023 12:24

Tgt Ion: 59 Resp: 413
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 6.111 ug/l

RT: 3.954 min Scan# 3

Delta R.T. -0.006 min

Lab File: VY016301.D

Acq: 10 Nov 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

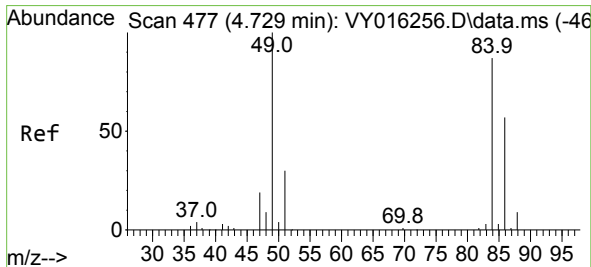
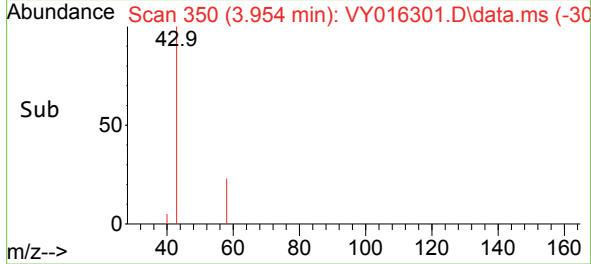
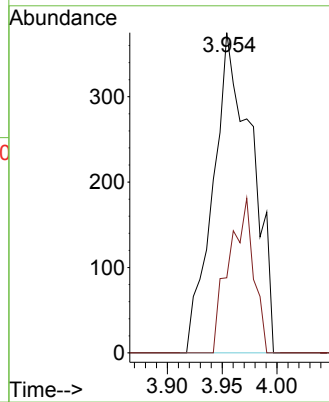
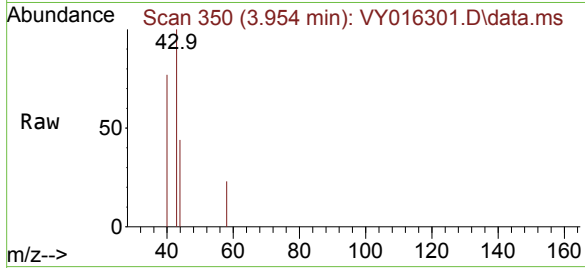
NEW-PARKING-LOT-STOCKPILE-A

Tgt Ion: 43 Resp: 927

Ion Ratio Lower Upper

43 100

58 23.5 22.7 34.1



#20

Methylene Chloride

Concen: 3.742 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.005 min

Lab File: VY016301.D

Acq: 10 Nov 2023 12:24

Tgt Ion: 84 Resp: 7461

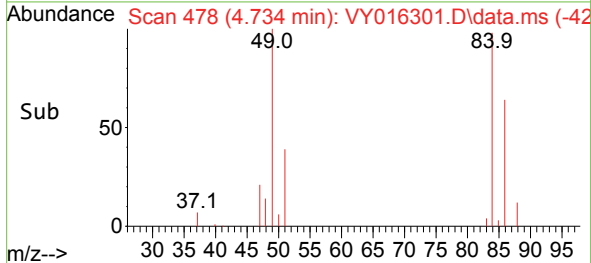
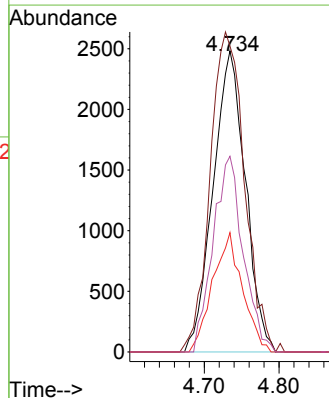
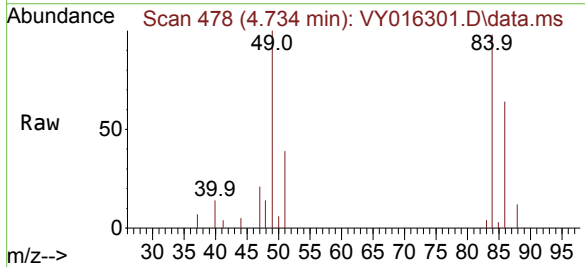
Ion Ratio Lower Upper

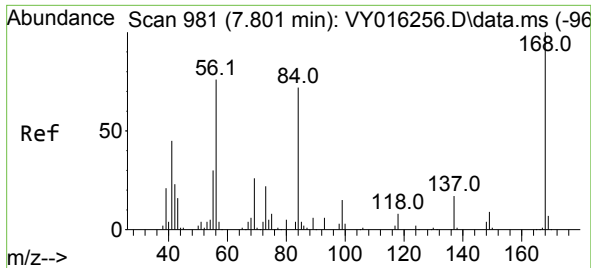
84 100

49 101.6 106.9 160.3#

51 39.7 33.2 49.8

86 65.0 51.0 76.6

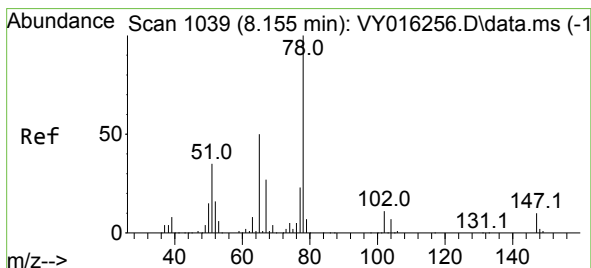
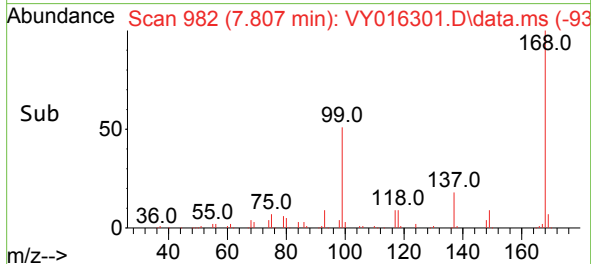
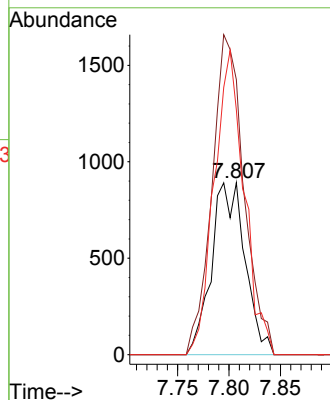
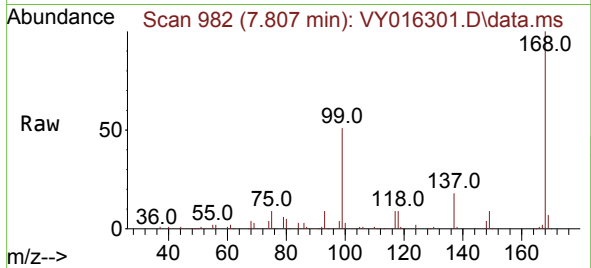




#31
Cyclohexane
Concen: 1.120 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016301.D
Acq: 10 Nov 2023 12:24

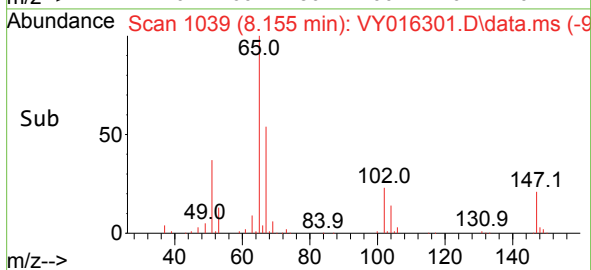
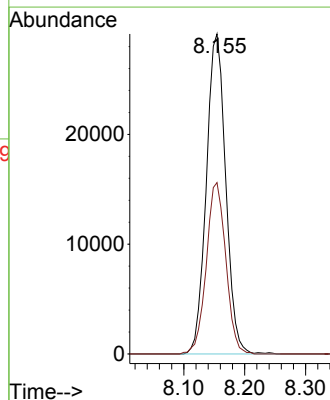
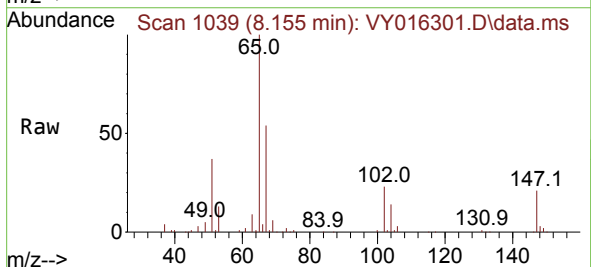
Instrument :
MSVOA_Y
ClientSampleId :
NEW-PARKING-LOT-STOCKPILE-A

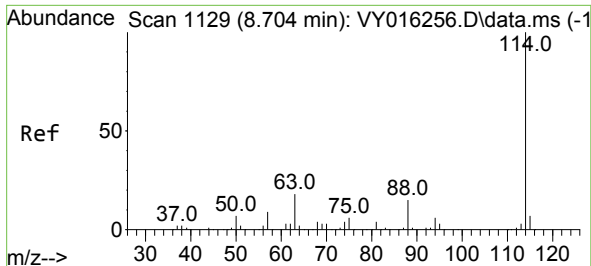
Tgt Ion: 56 Resp: 2023
Ion Ratio Lower Upper
56 100
69 159.9 27.8 41.6#
84 142.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 70.223 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016301.D
Acq: 10 Nov 2023 12:24

Tgt Ion: 65 Resp: 64402
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016301.D

Acq: 10 Nov 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

NEW-PARKING-LOT-STOCKPILE-A

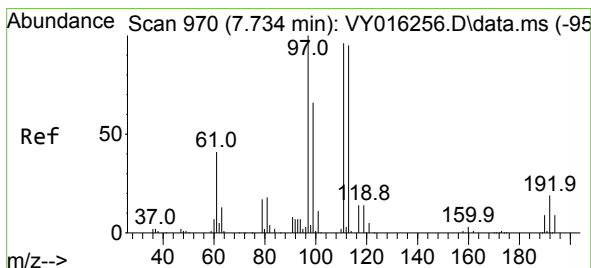
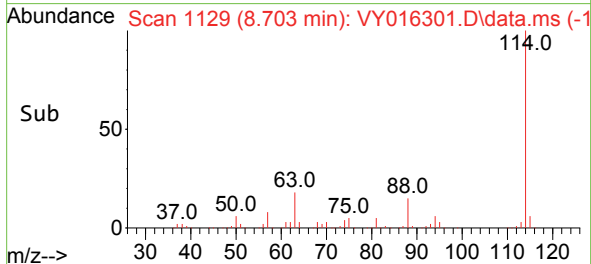
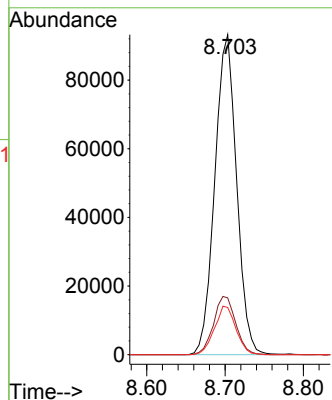
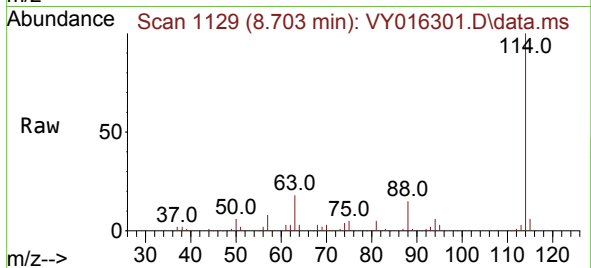
Tgt Ion:114 Resp: 180237

Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.534 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016301.D

Acq: 10 Nov 2023 12:24

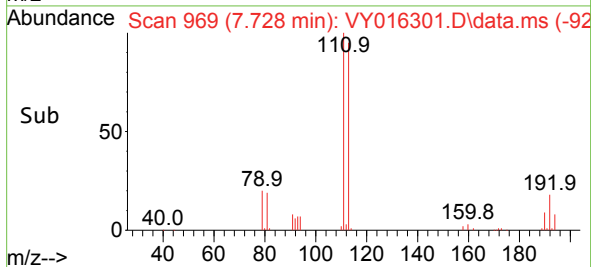
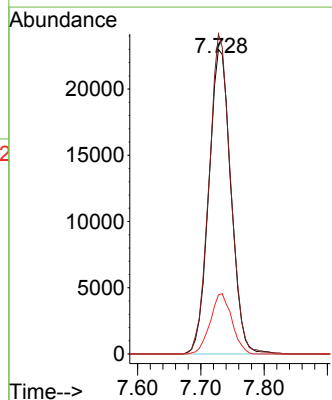
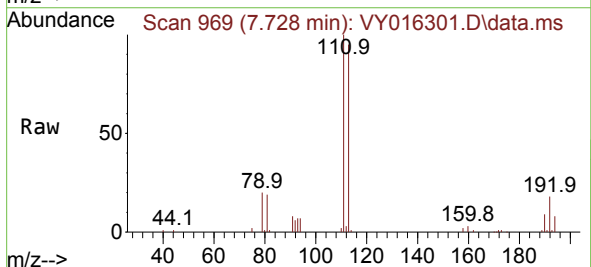
Tgt Ion:113 Resp: 55835

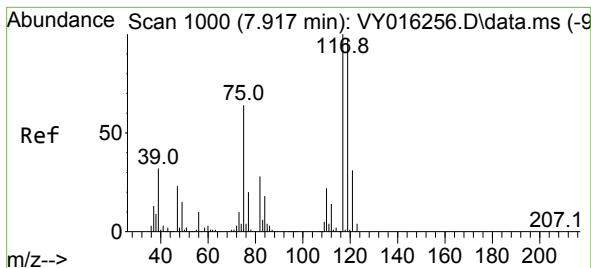
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 19.3 16.9 25.3





#38

Carbon Tetrachloride

Concen: 5.195 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.122 min

Lab File: VY016301.D

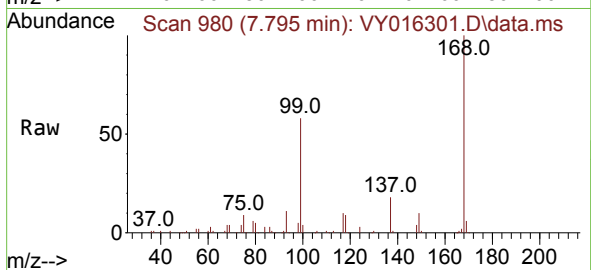
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Instrument :

MSVOA_Y

ClientSampleId :

NEW-PARKING-LOT-STOCKPILE-A



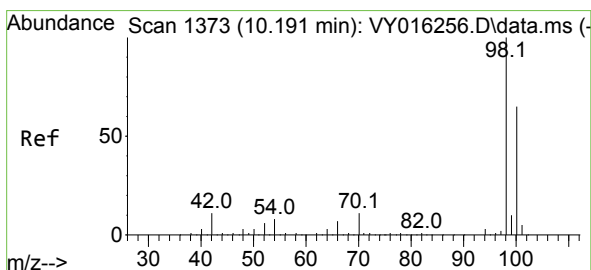
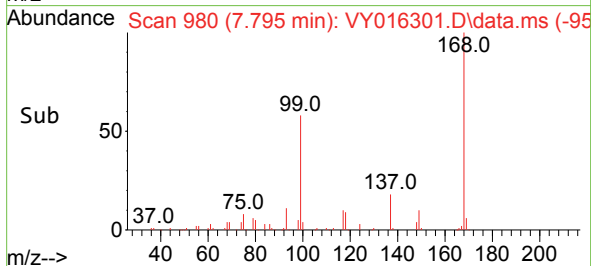
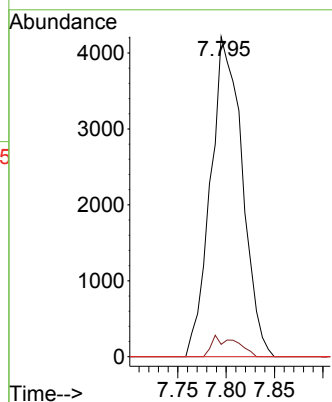
Tgt Ion:117 Resp: 9586

Ion Ratio Lower Upper

117 100

119 3.8 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 50.963 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016301.D

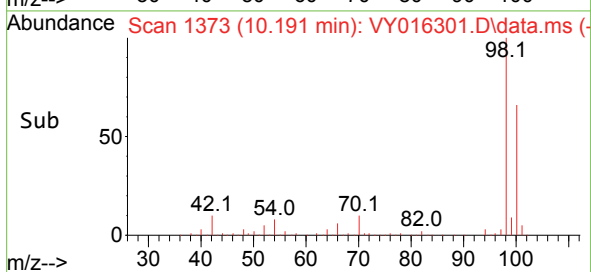
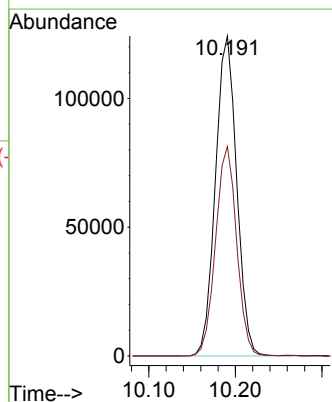
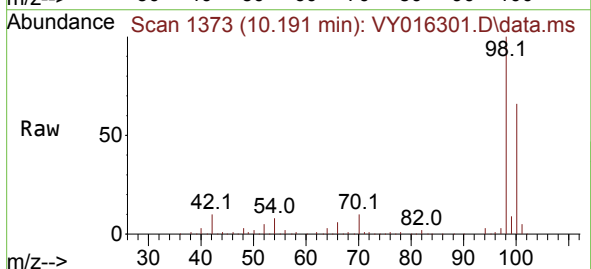
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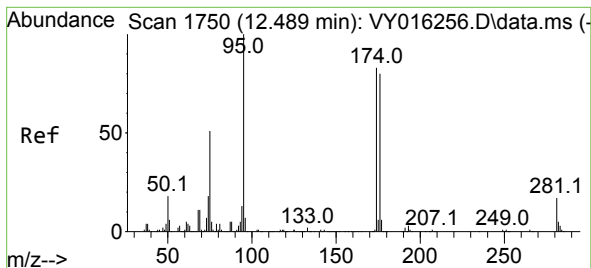
Tgt Ion: 98 Resp: 211598

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1

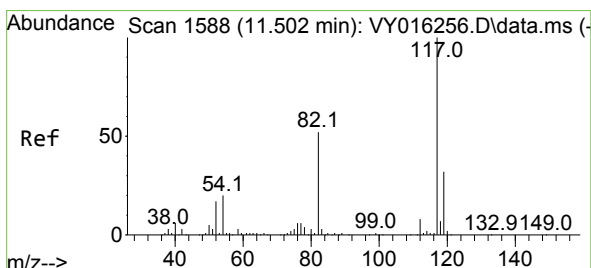
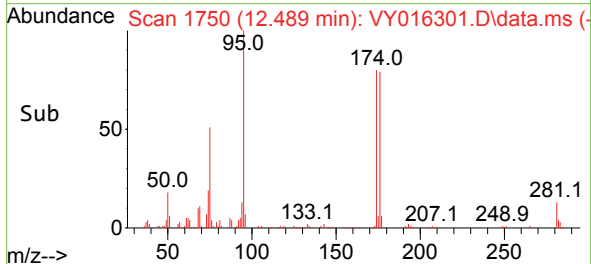
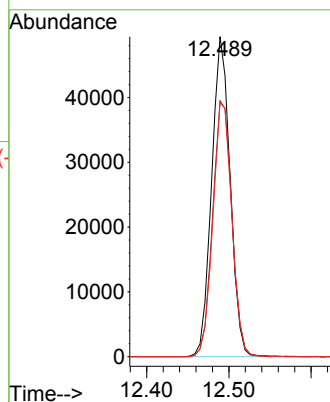
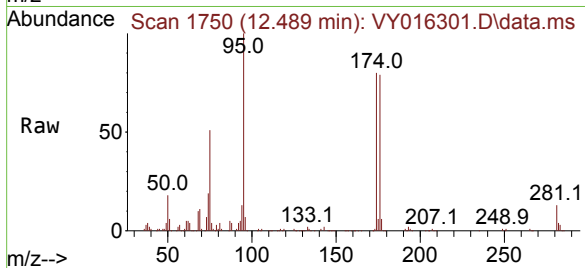




#62
4-Bromofluorobenzene
Concen: 57.018 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016301.D
Acq: 10 Nov 2023 12:24

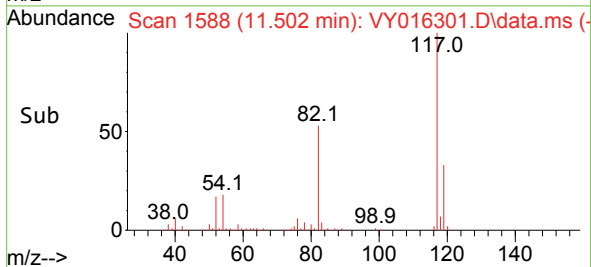
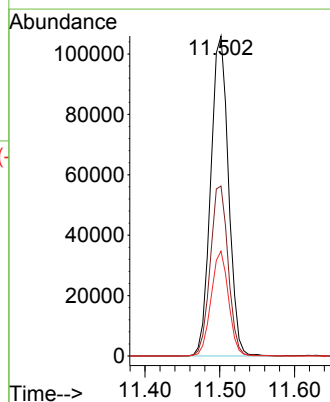
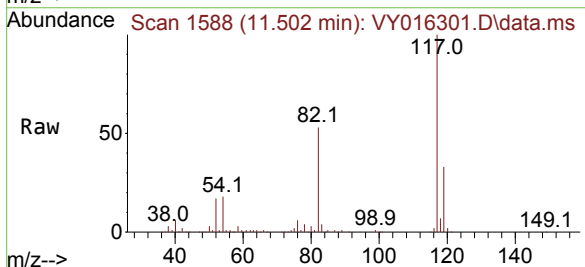
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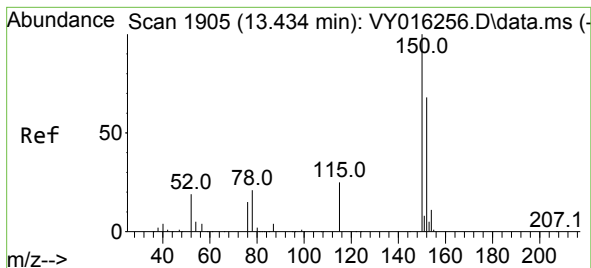
Tgt Ion: 95 Resp: 76888
Ion Ratio Lower Upper
95 100
174 83.6 0.0 178.2
176 81.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016301.D
Acq: 10 Nov 2023 12:24

Tgt Ion: 117 Resp: 175385
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.8 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: VY016301.D

Acq: 10 Nov 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

NEW-PARKING-LOT-STOCKPILE-A

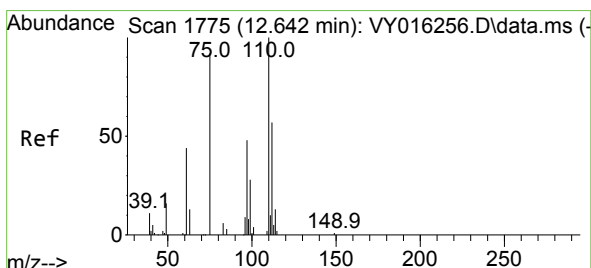
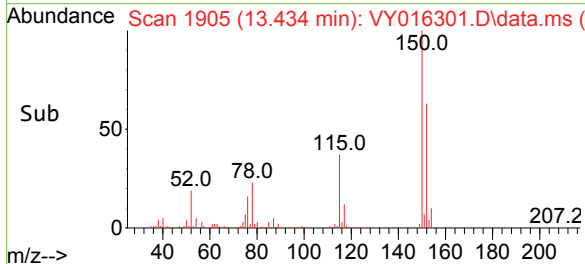
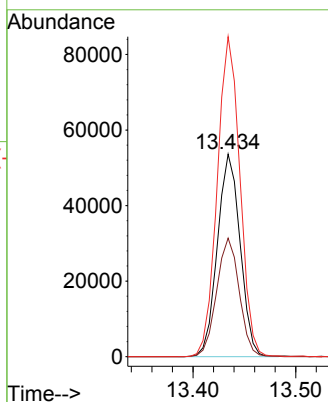
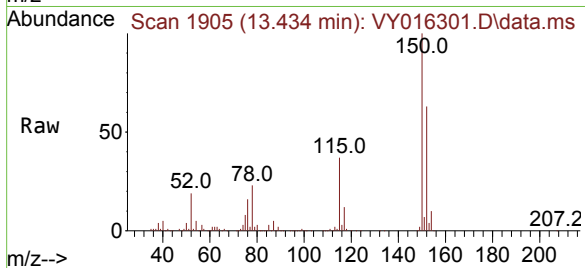
Tgt Ion:152 Resp: 82186

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 158.0 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 50.240 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY016301.D

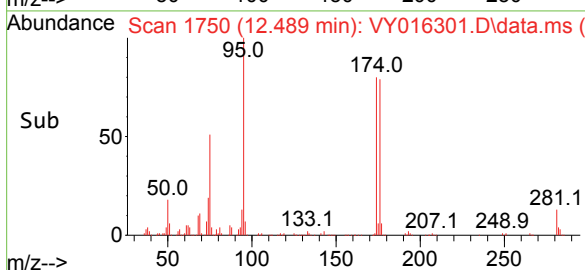
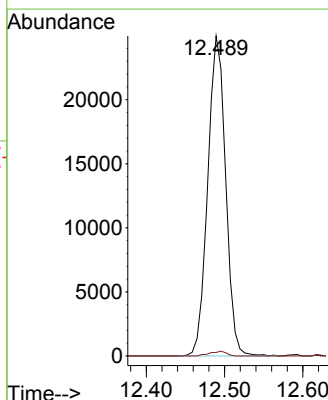
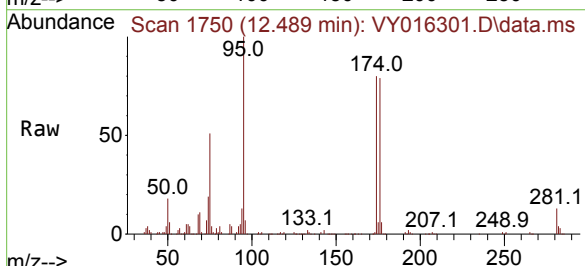
Acq: 10 Nov 2023 12:24

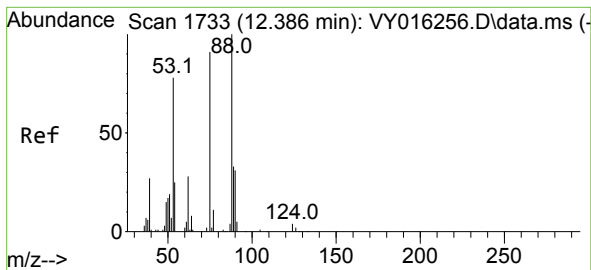
Tgt Ion: 75 Resp: 39609

Ion Ratio Lower Upper

75 100

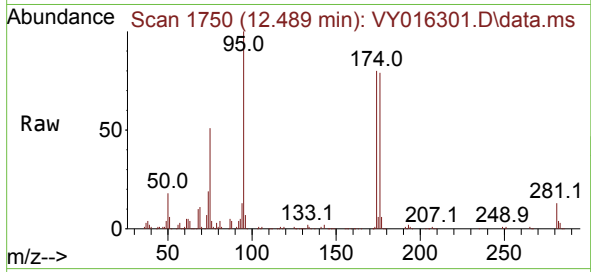
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.049 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY016301.D
 Acq: 10 Nov 2023 12:24

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



Tgt Ion: 75 Resp: 39609
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.4 37.4 56.0#

