

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073552.D
 Acq On : 21 Jul 2022 13:35
 Operator : JC\MD
 Sample : N3763-01ME
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1279-SLUDGEME

Quant Time: Jul 21 15:50:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

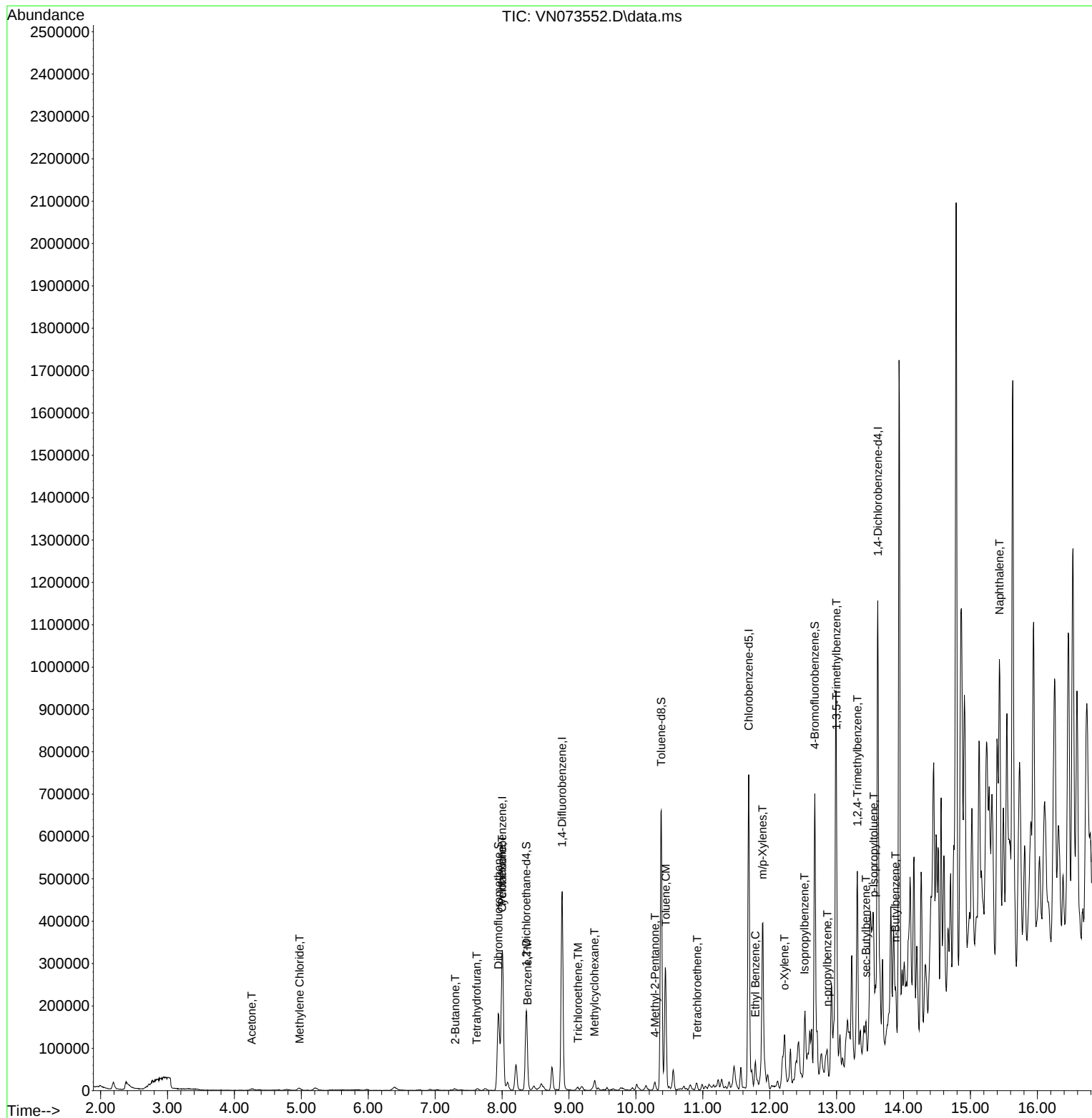
Internal Standards						
1) Pentafluorobenzene	8.004	168	257012	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	408858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	413076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	234033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	148652	40.065	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.140%		
35) Dibromofluoromethane	7.945	113	128932	47.398	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.800%		
50) Toluene-d8	10.380	98	448027	46.374	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.740%		
62) 4-Bromofluorobenzene	12.674	95	213699	57.558	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	115.120%		
Target Compounds					Qvalue	
16) Acetone	4.257	43	7254	3.483	ug/l	89
20) Methylene Chloride	4.975	84	3979	1.087	ug/l #	94
25) 2-Butanone	7.298	43	5168	1.559	ug/l #	79
29) Tetrahydrofuran	7.622	42	2981	1.313	ug/l #	85
31) Cyclohexane	7.998	56	14889	2.450	ug/l #	37
39) Methylcyclohexane	9.380	83	7765	1.490	ug/l #	81
40) Benzene	8.381	78	5708	0.442	ug/l	93
44) Trichloroethene	9.133	130	1001	0.305	ug/l	80
51) 4-Methyl-2-Pentanone	10.286	43	13357	2.317	ug/l #	86
52) Toluene	10.445	92	118931	14.898	ug/l	97
64) Tetrachloroethene	10.916	164	2823	0.837	ug/l	91
67) Ethyl Benzene	11.786	91	41112	2.424	ug/l	94
68) m/p-Xylenes	11.892	106	65308	10.203	ug/l	95
69) o-Xylene	12.221	106	25522	3.906	ug/l	93
73) Isopropylbenzene	12.521	105	18769	0.929	ug/l	82
78) n-propylbenzene	12.863	91	50515	2.250	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	66896	4.061	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	245512	14.928	ug/l	99
85) sec-Butylbenzene	13.439	105	33345	1.682	ug/l	82
86) p-Isopropyltoluene	13.557	119	79222	4.945	ug/l	95
89) n-Butylbenzene	13.880	91	60143	4.506	ug/l #	77
95) Naphthalene	15.433	128	502570	27.863	ug/l	97

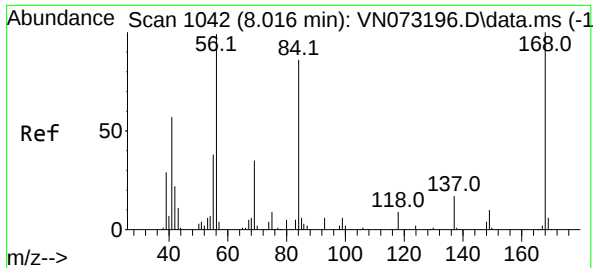
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

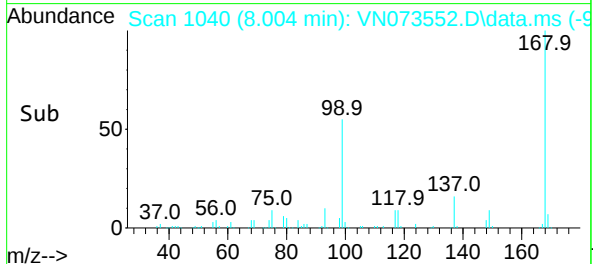
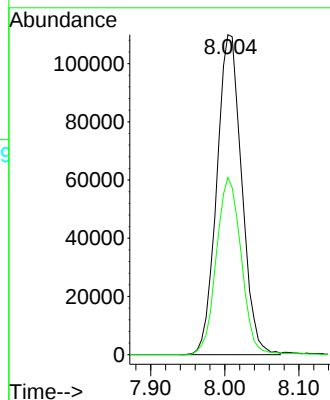
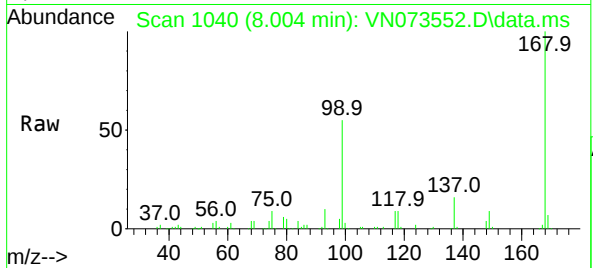




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN073552.D
Acq: 21 Jul 2022 13:35

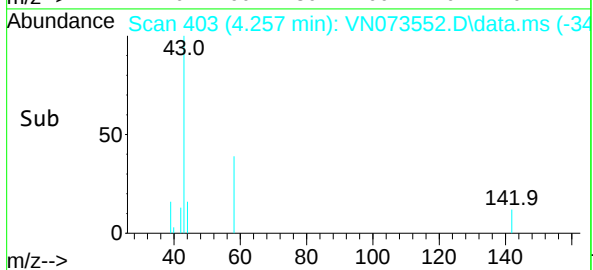
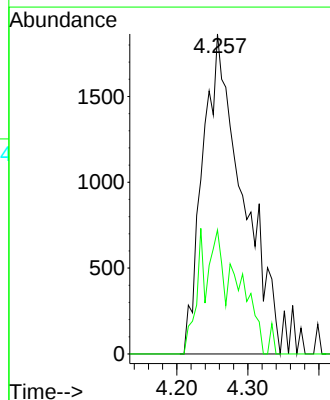
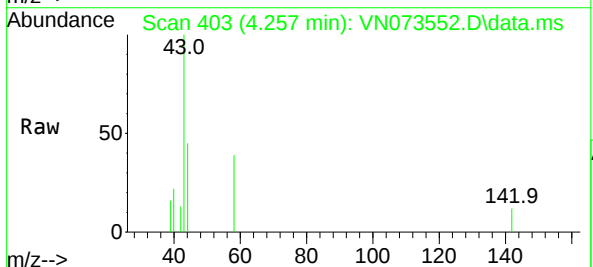
Instrument :
MSVOA_N
ClientSampleId :
TRE-1279-SLUDGE

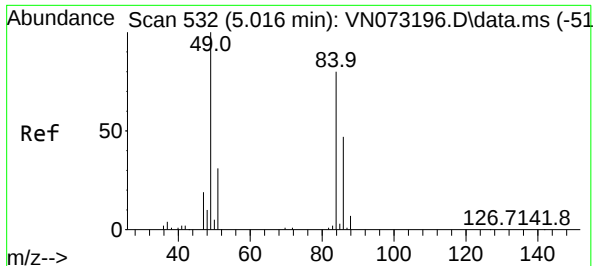
Tgt Ion:168 Resp: 257012
Ion Ratio Lower Upper
168 100
99 55.3 42.3 63.5



#16
Acetone
Concen: 3.483 ug/l
RT: 4.257 min Scan# 403
Delta R.T. 0.035 min
Lab File: VN073552.D
Acq: 21 Jul 2022 13:35

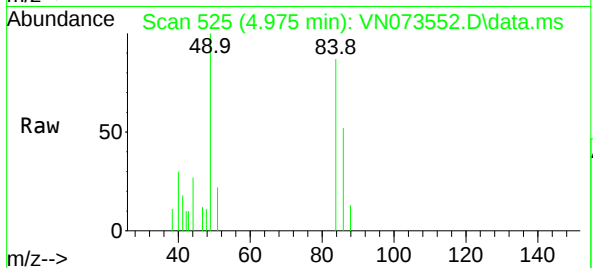
Tgt Ion: 43 Resp: 7254
Ion Ratio Lower Upper
43 100
58 38.7 26.0 39.0





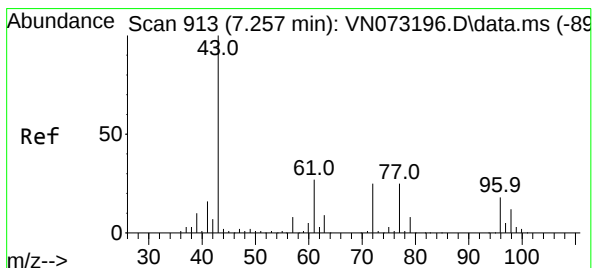
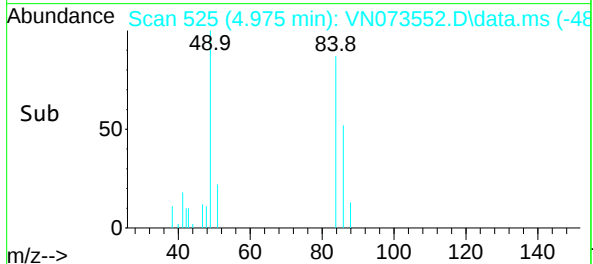
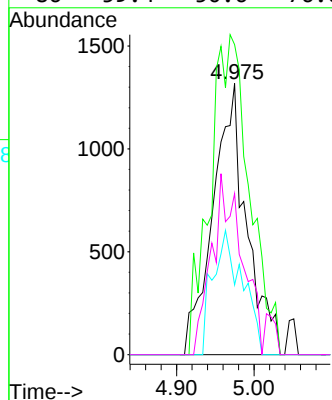
#20
Methylene Chloride
Concen: 1.087 ug/l
RT: 4.975 min Scan# 51
Delta R.T. -0.041 min
Lab File: VN073552.D
Acq: 21 Jul 2022 13:35

Instrument :
MSVOA_N
ClientSampleId :
TRE-1279-SLUDGEME



Tgt Ion: 84 Resp: 3979

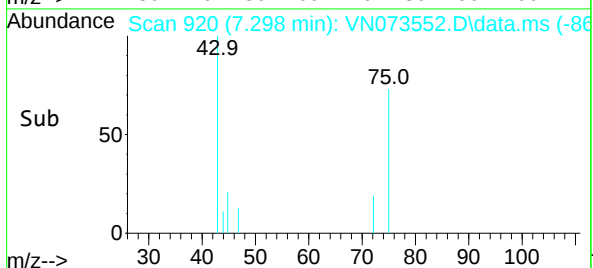
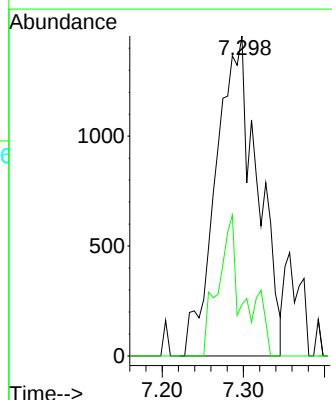
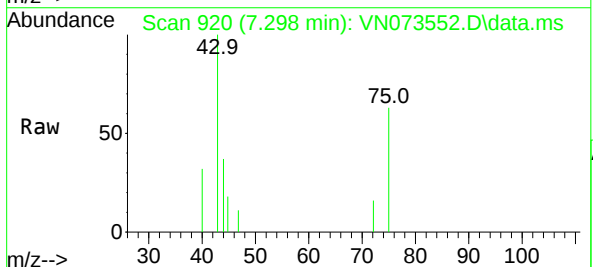
Ion	Ratio	Lower	Upper
84	100		
49	114.3	88.3	132.5
51	25.7	28.2	42.2#
86	59.4	50.6	76.0

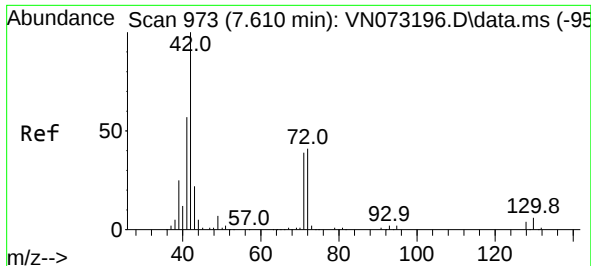


#25
2-Butanone
Concen: 1.559 ug/l
RT: 7.298 min Scan# 920
Delta R.T. 0.041 min
Lab File: VN073552.D
Acq: 21 Jul 2022 13:35

Tgt Ion: 43 Resp: 5168

Ion	Ratio	Lower	Upper
43	100		
72	18.3	23.7	35.5#





#29

Tetrahydrofuran

Concen: 1.313 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN073552.D

Acq: 21 Jul 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

TRE-1279-SLUDGEME

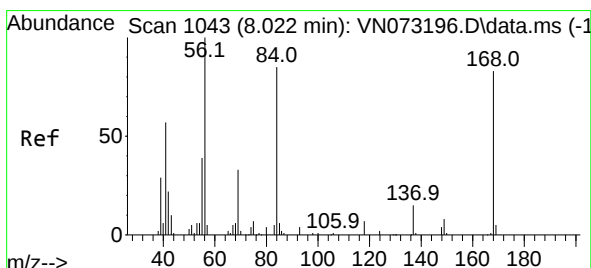
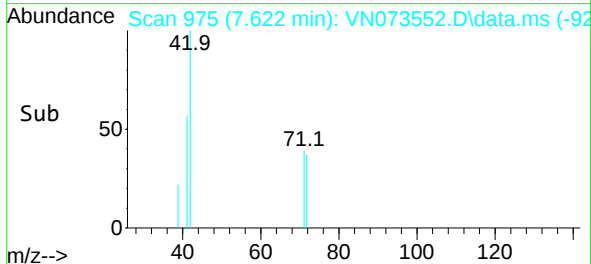
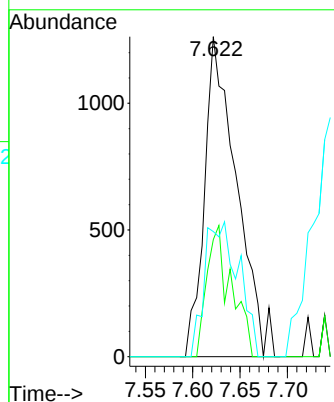
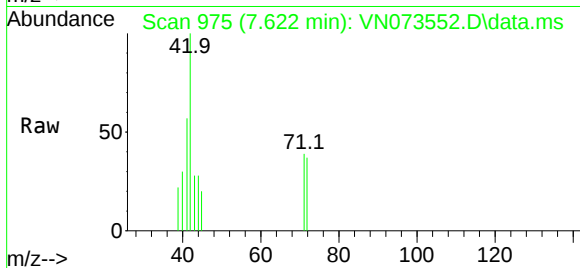
Tgt Ion: 42 Resp: 2981

Ion Ratio Lower Upper

42 100

72 31.0 39.7 59.5#

71 44.4 36.6 55.0



#31

Cyclohexane

Concen: 2.450 ug/l

RT: 7.998 min Scan# 1039

Delta R.T. -0.024 min

Lab File: VN073552.D

Acq: 21 Jul 2022 13:35

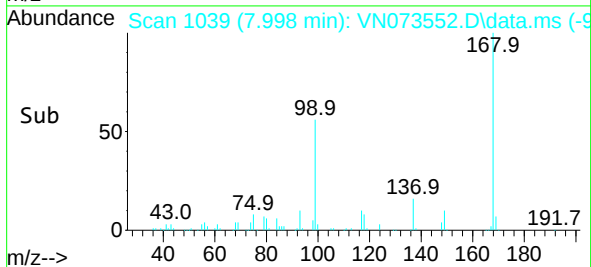
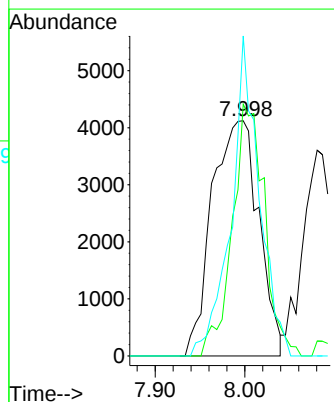
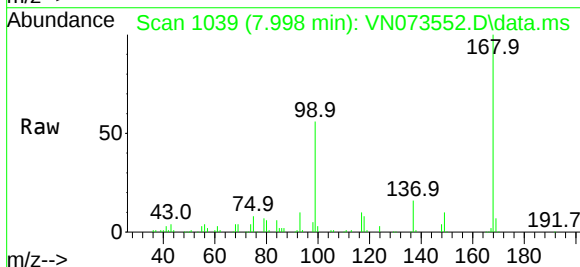
Tgt Ion: 56 Resp: 14889

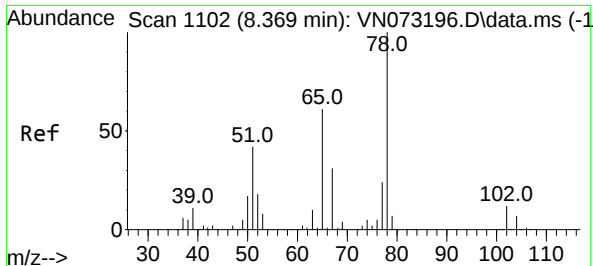
Ion Ratio Lower Upper

56 100

69 107.1 27.8 41.8#

84 136.1 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 40.065 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073552.D

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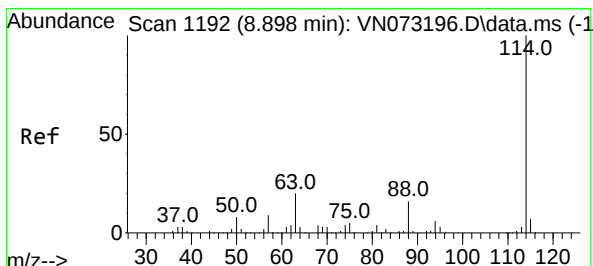
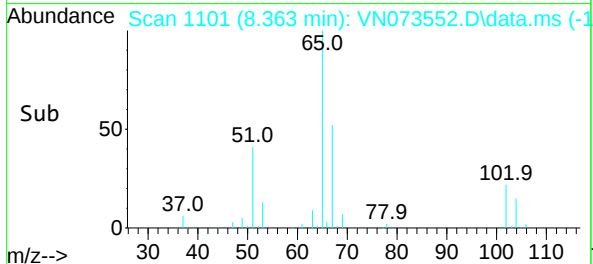
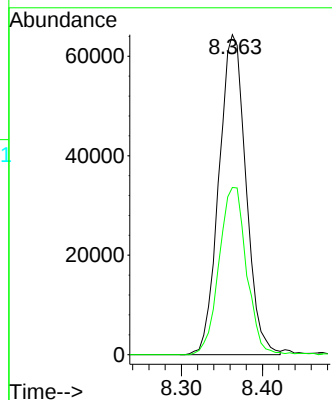
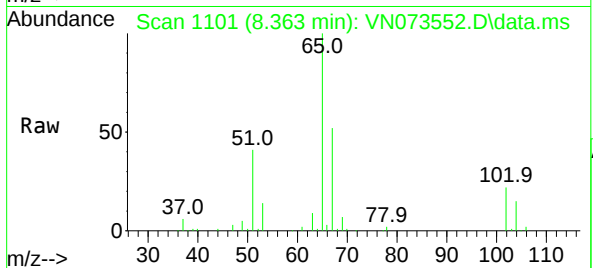
TRE-1279-SLUDGEME

Tgt Ion: 65 Resp: 148652

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073552.D

Acq: 21 Jul 2022 13:35

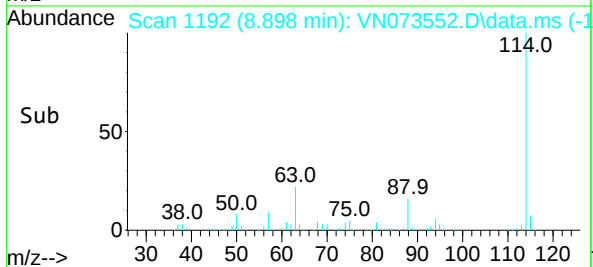
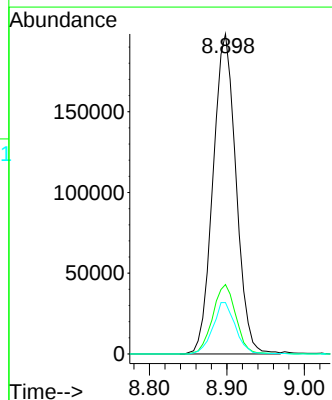
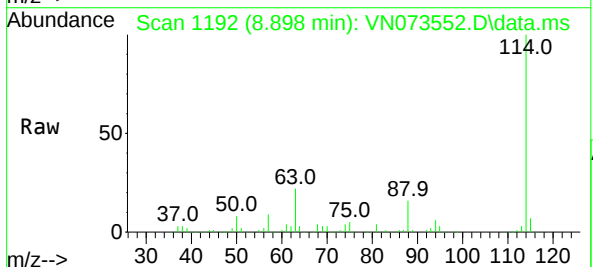
Tgt Ion:114 Resp: 408858

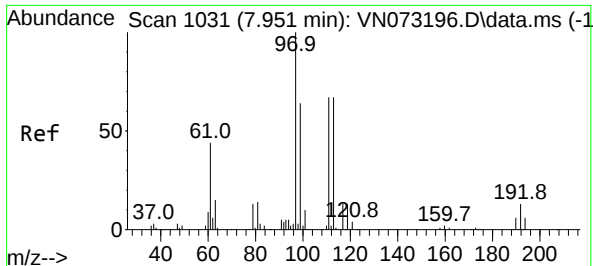
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 16.0 0.0 32.6

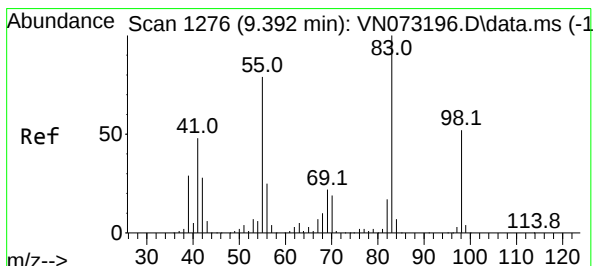
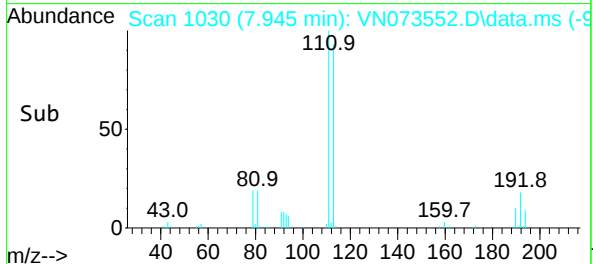
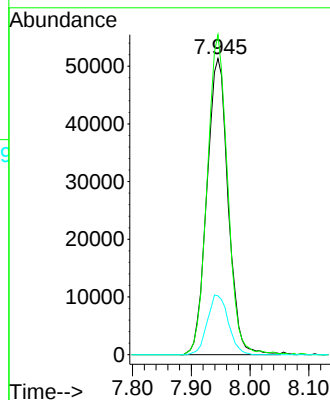
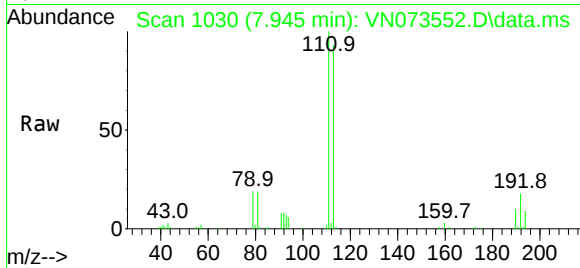




#35
Dibromofluoromethane
Concen: 47.398 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073552.D
Acq: 21 Jul 2022 13:35

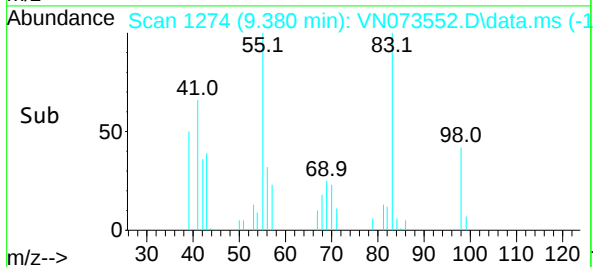
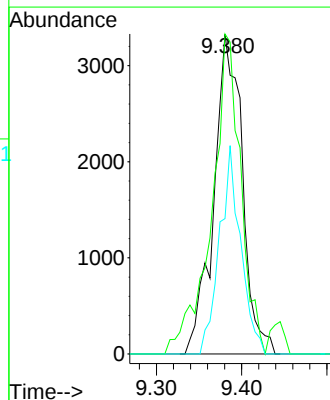
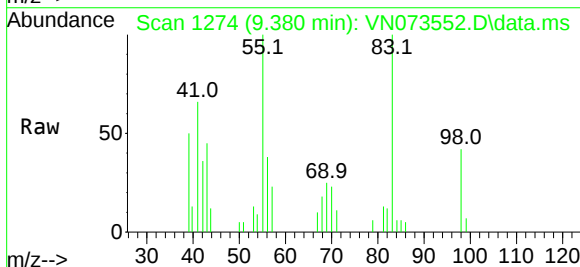
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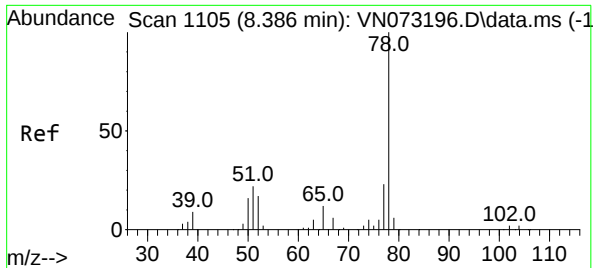
Tgt Ion:113 Resp: 128932
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 19.9 17.0 25.6



#39
Methylcyclohexane
Concen: 1.490 ug/l
RT: 9.380 min Scan# 1274
Delta R.T. -0.012 min
Lab File: VN073552.D
Acq: 21 Jul 2022 13:35

Tgt Ion: 83 Resp: 7765
Ion Ratio Lower Upper
83 100
55 93.3 57.8 86.8#
98 42.4 39.4 59.2

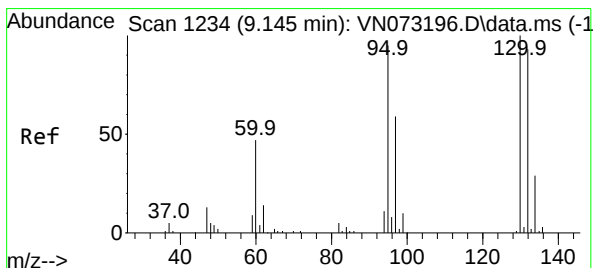
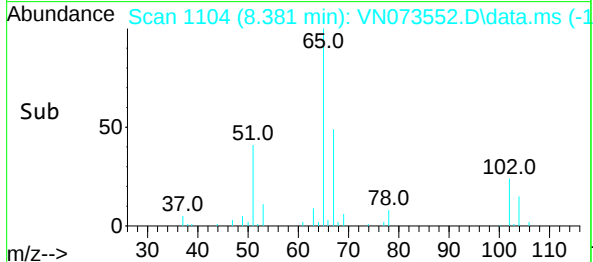
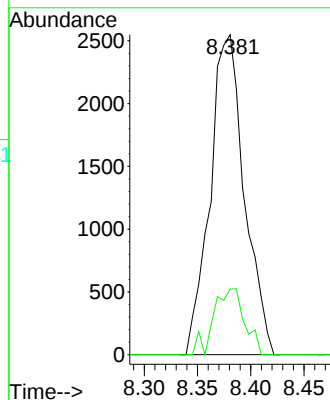
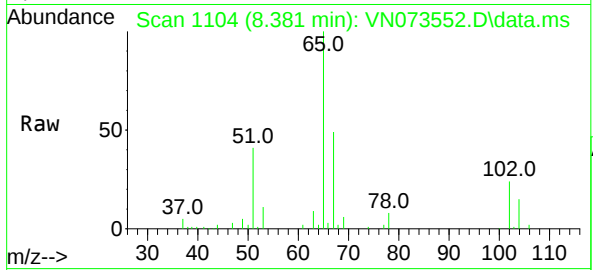




#40
Benzene
Concen: 0.442 ug/l
RT: 8.381 min Scan# 1105
Delta R.T. -0.005 min
Lab File: VN073552.D
Acq: 21 Jul 2022 13:35

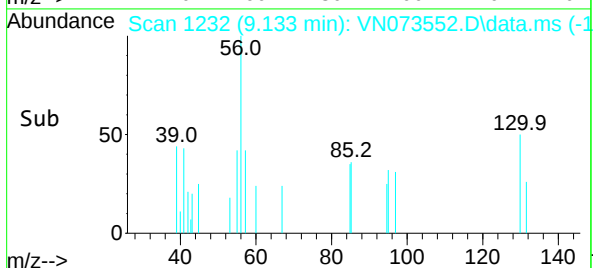
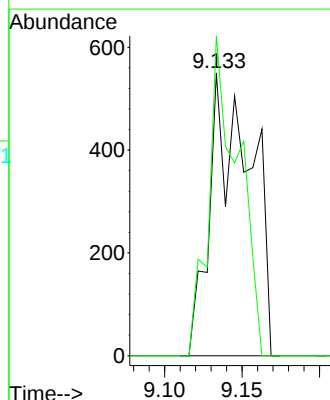
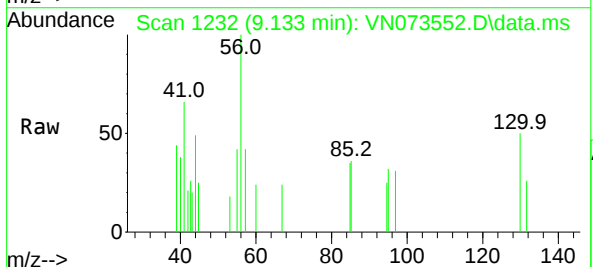
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TRE-1279-SLUDGE

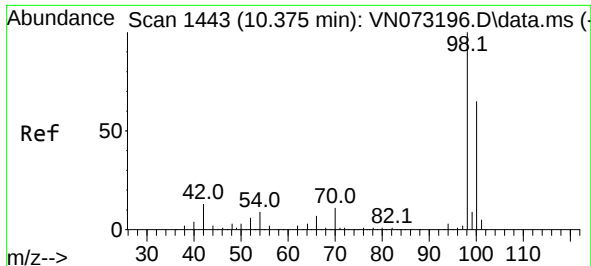
Tgt Ion: 78 Resp: 5708
Ion Ratio Lower Upper
78 100
77 20.5 19.4 29.0



#44
Trichloroethene
Concen: 0.305 ug/l
RT: 9.133 min Scan# 1232
Delta R.T. -0.012 min
Lab File: VN073552.D
Acq: 21 Jul 2022 13:35

Tgt Ion: 130 Resp: 1001
Ion Ratio Lower Upper
130 100
95 113.1 0.0 186.8

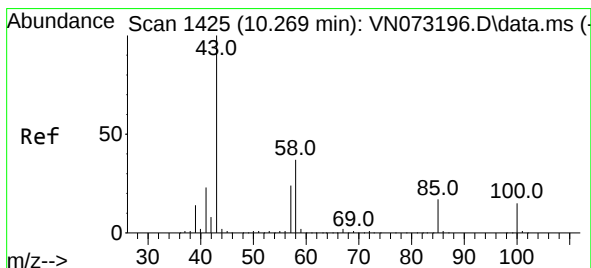
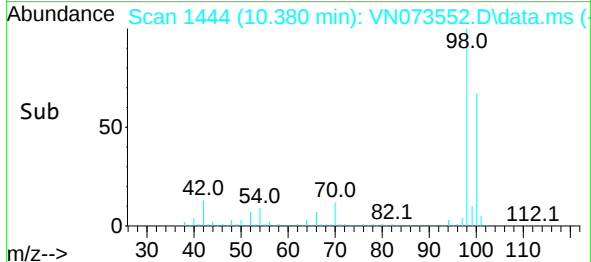
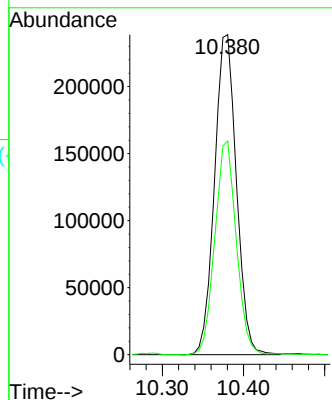
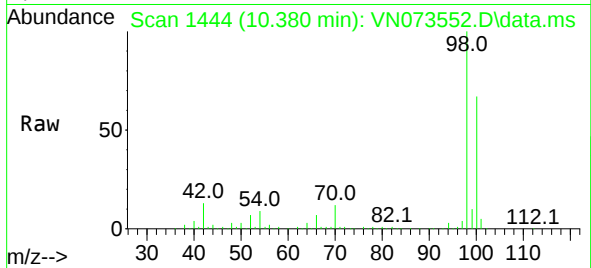




#50
Toluene-d8
Concen: 46.374 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073552.D
Acq: 21 Jul 2022 13:35

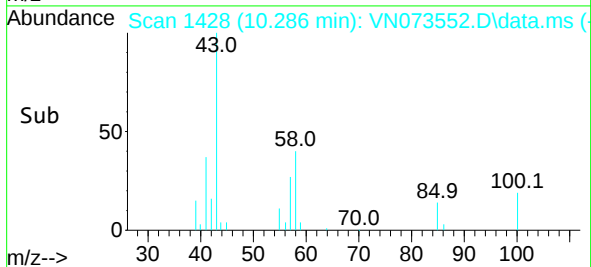
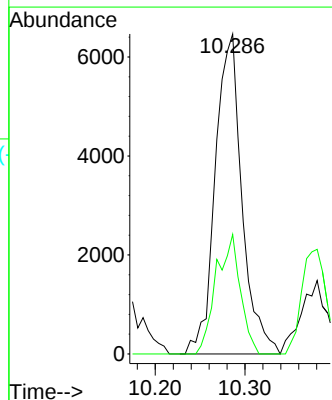
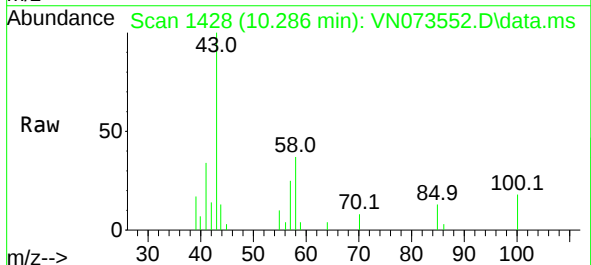
Instrument :
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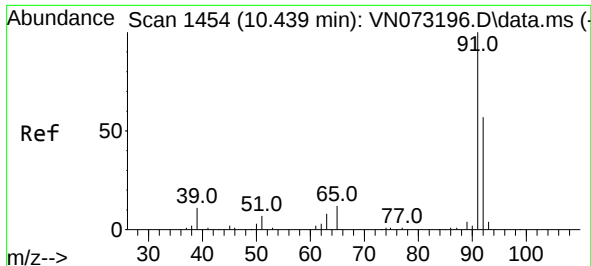
Tgt Ion: 98 Resp: 448027
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 2.317 ug/l
RT: 10.286 min Scan# 1428
Delta R.T. 0.017 min
Lab File: VN073552.D
Acq: 21 Jul 2022 13:35

Tgt Ion: 43 Resp: 13357
Ion Ratio Lower Upper
43 100
58 33.8 34.1 51.1#

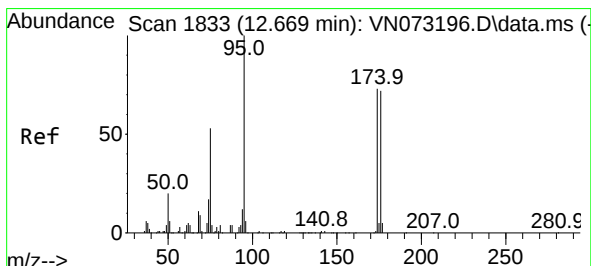
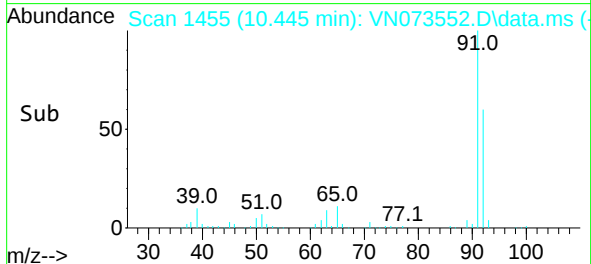
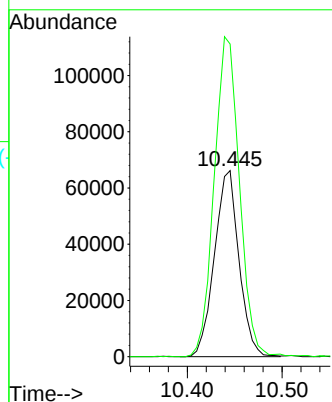
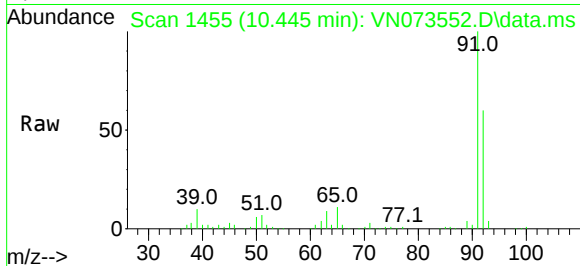




#52
Toluene
Concen: 14.898 ug/l
RT: 10.445 min Scan# 1454
Delta R.T. 0.006 min
Lab File: VN073552.D
Acq: 21 Jul 2022 13:35

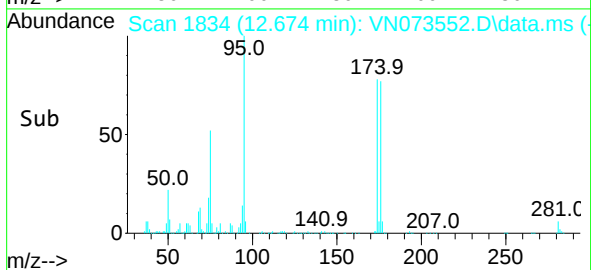
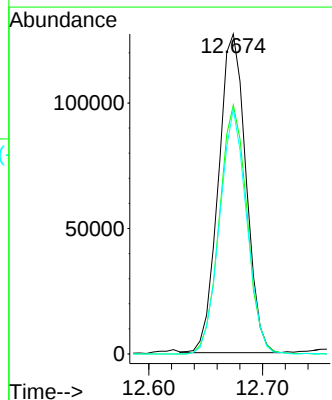
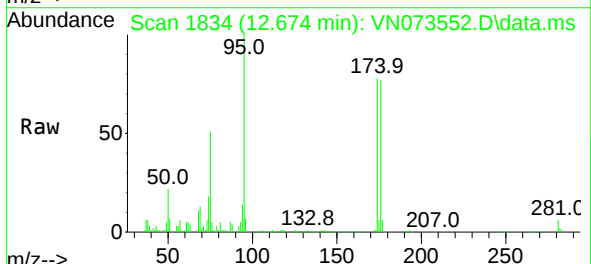
Instrument :
MSVOA_N
ClientSampleId :
TRE-1279-SLUDGE

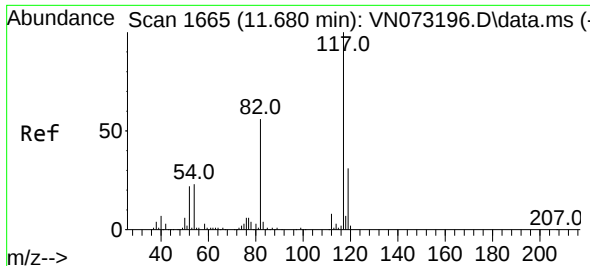
Tgt Ion: 92 Resp: 118931
Ion Ratio Lower Upper
92 100
91 177.4 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 57.558 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073552.D
Acq: 21 Jul 2022 13:35

Tgt Ion: 95 Resp: 213699
Ion Ratio Lower Upper
95 100
174 78.2 0.0 167.6
176 75.4 0.0 163.4

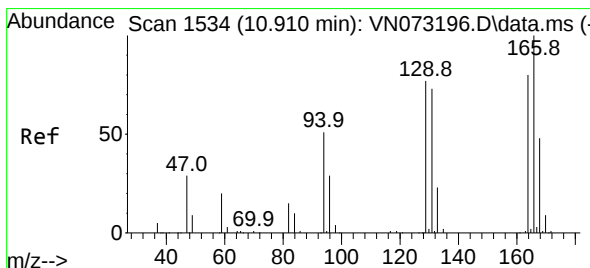
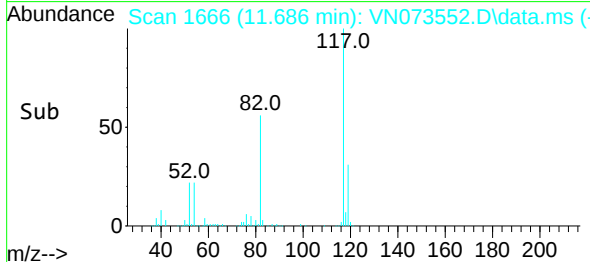
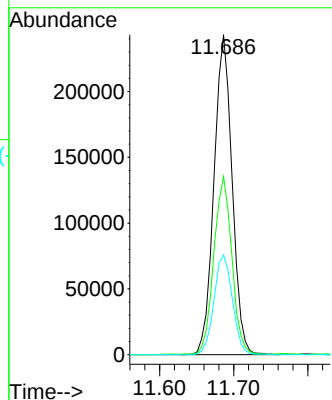
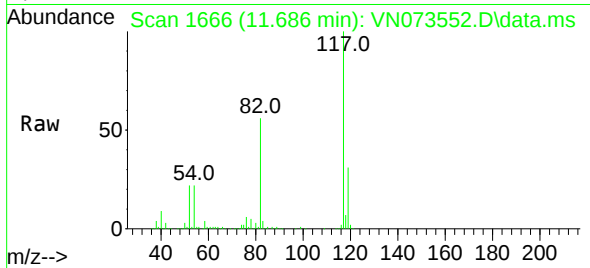




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN073552.D
Acq: 21 Jul 2022 13:35

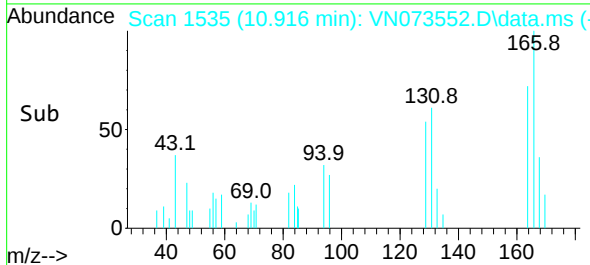
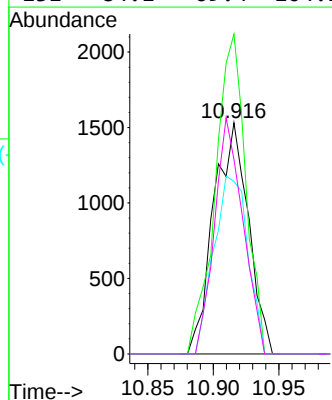
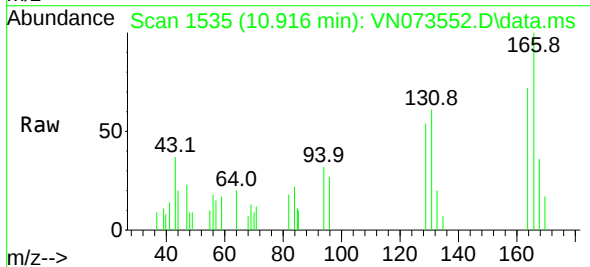
Instrument :
MSVOA_N
ClientSampleId :
TRE-1279-SLUDGEME

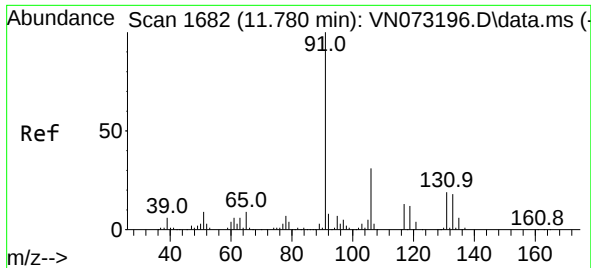
Tgt Ion:117 Resp: 413076
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 31.2 25.4 38.0



#64
Tetrachloroethene
Concen: 0.837 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VN073552.D
Acq: 21 Jul 2022 13:35

Tgt Ion:164 Resp: 2823
Ion Ratio Lower Upper
164 100
166 138.4 104.2 156.2
129 74.6 73.9 110.9
131 84.1 69.4 104.2

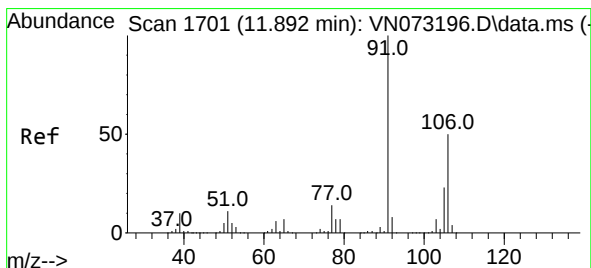
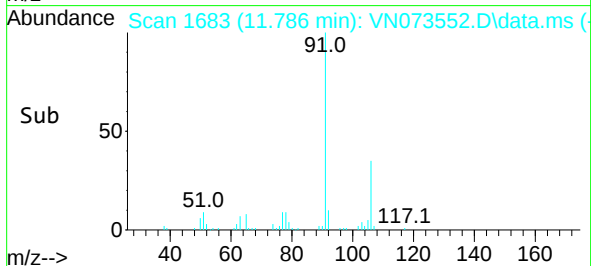
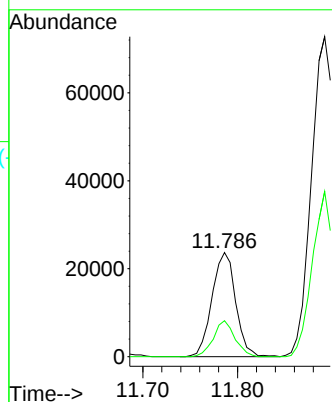
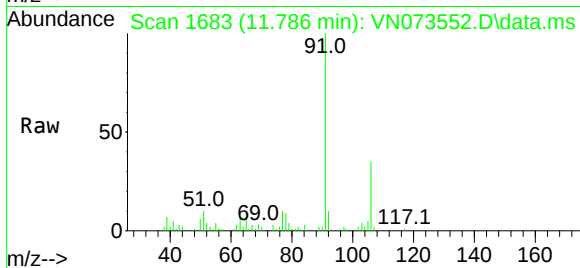




#67
Ethyl Benzene
Concen: 2.424 ug/l
RT: 11.786 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN073552.D
Acq: 21 Jul 2022 13:35

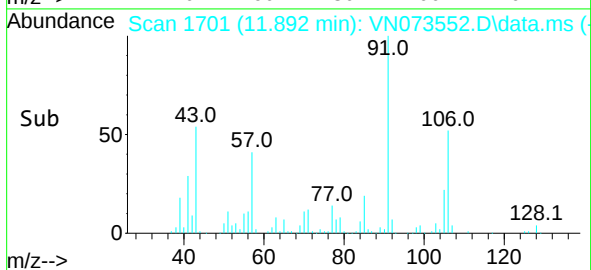
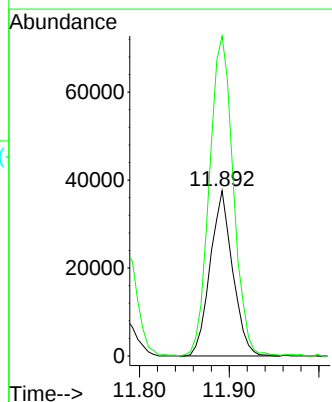
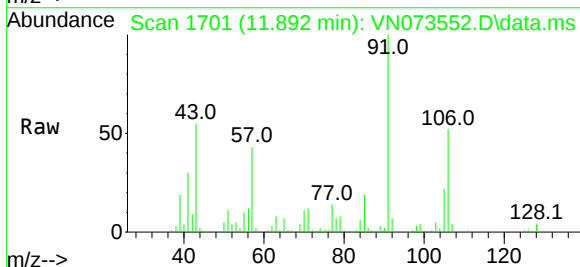
Instrument :
MSVOA_N
ClientSampleId :
TRE-1279-SLUDGEME

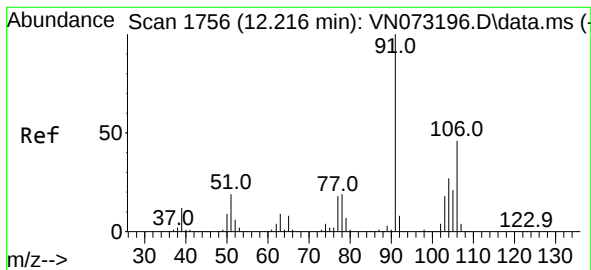
Tgt Ion: 91 Resp: 41112
Ion Ratio Lower Upper
91 100
106 34.6 24.9 37.3



#68
m/p-Xylenes
Concen: 10.203 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073552.D
Acq: 21 Jul 2022 13:35

Tgt Ion:106 Resp: 65308
Ion Ratio Lower Upper
106 100
91 206.0 158.9 238.3





#69

o-Xylene

Concen: 3.906 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN073552.D

Acq: 21 Jul 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

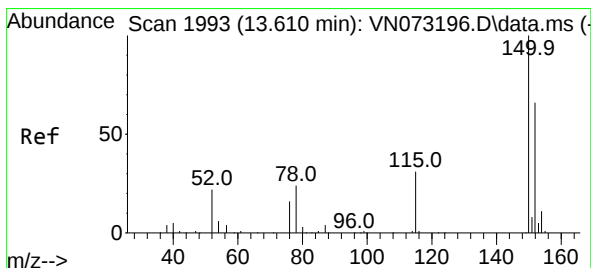
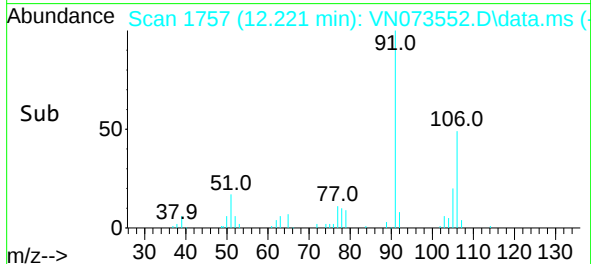
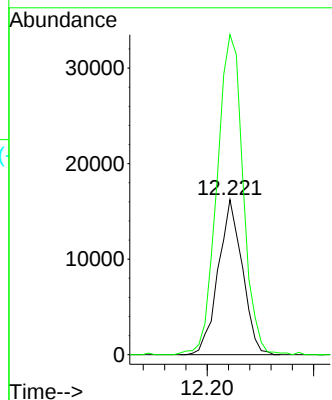
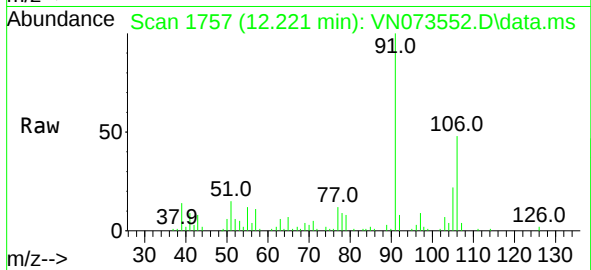
TRE-1279-SLUDGEME

Tgt Ion:106 Resp: 25522

Ion Ratio Lower Upper

106 100

91 223.1 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN073552.D

Acq: 21 Jul 2022 13:35

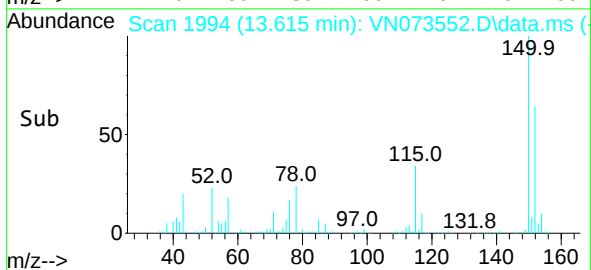
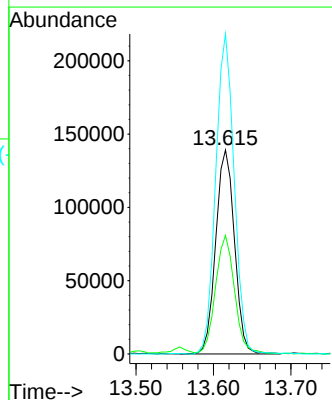
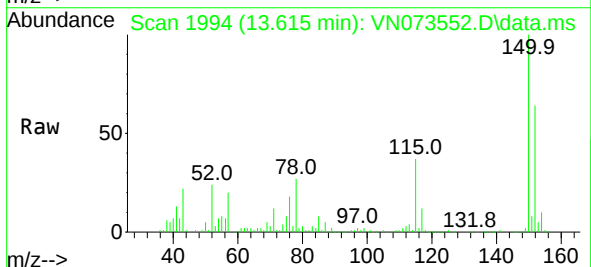
Tgt Ion:152 Resp: 234033

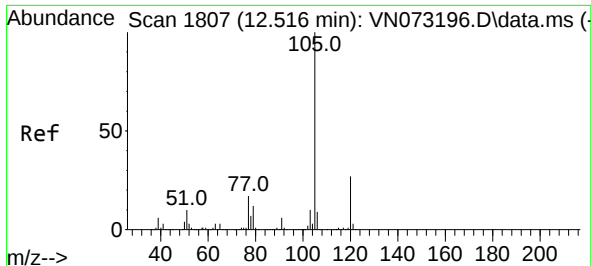
Ion Ratio Lower Upper

152 100

115 58.8 28.9 86.7

150 154.4 0.0 356.2

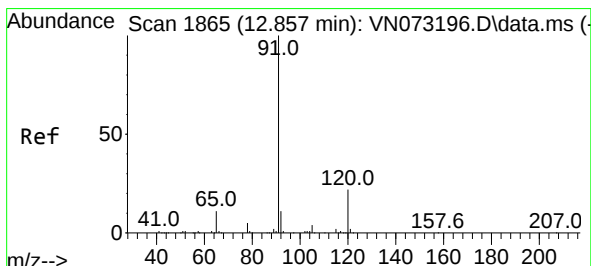
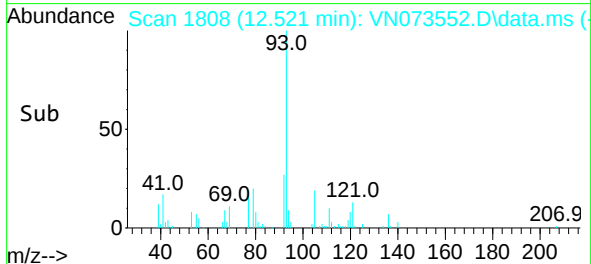
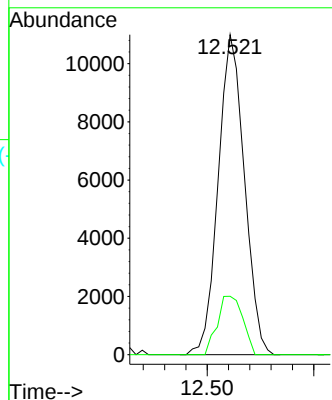
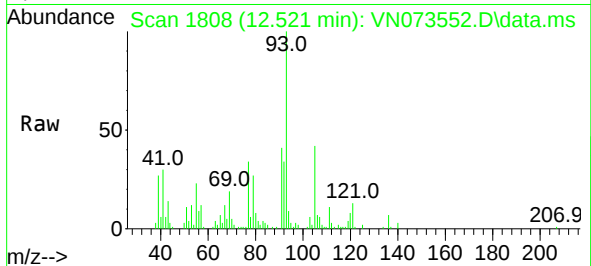




#73
Isopropylbenzene
Concen: 0.929 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.005 min
Lab File: VN073552.D
Acq: 21 Jul 2022 13:35

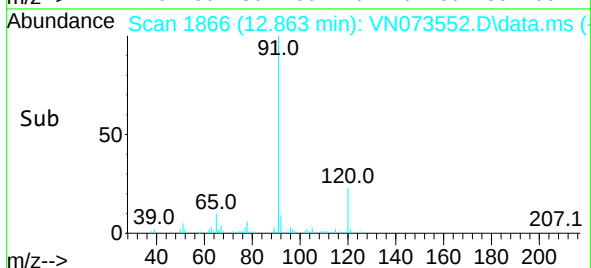
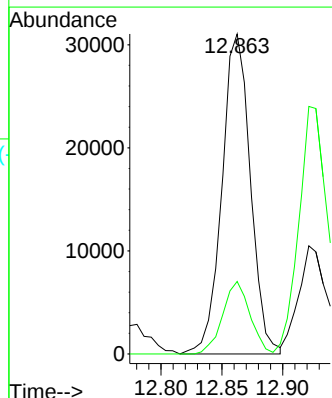
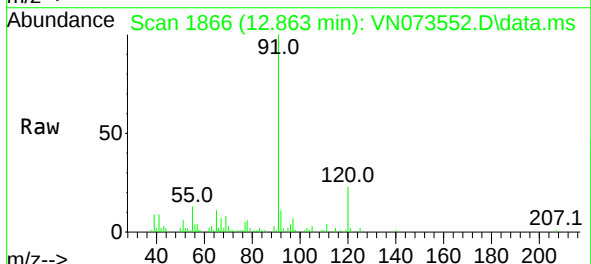
Instrument :
MSVOA_N
ClientSampleId :
TRE-1279-SLUDGEME

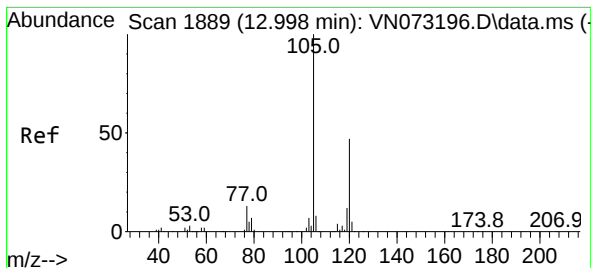
Tgt Ion:105 Resp: 18769
Ion Ratio Lower Upper
105 100
120 17.7 13.5 40.4



#78
n-propylbenzene
Concen: 2.250 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VN073552.D
Acq: 21 Jul 2022 13:35

Tgt Ion: 91 Resp: 50515
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 4.061 ug/l

RT: 12.998 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN073552.D

Acq: 21 Jul 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

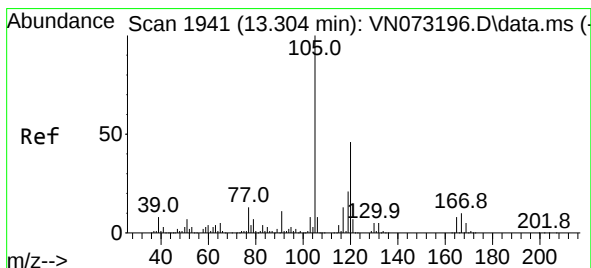
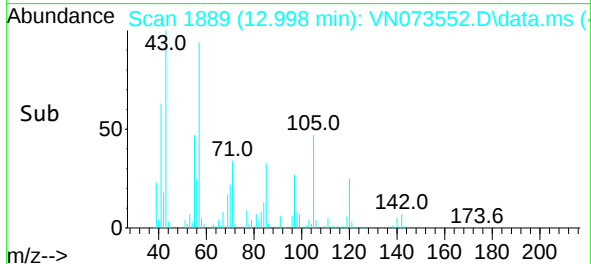
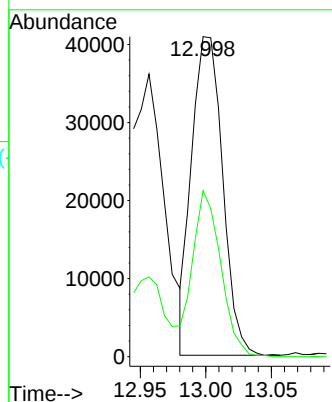
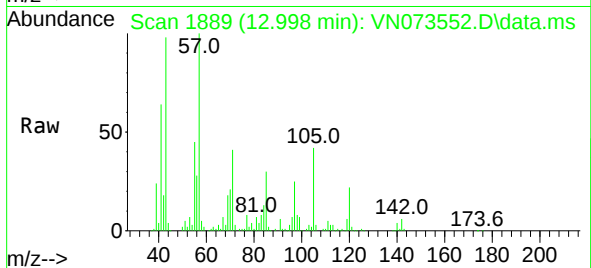
TRE-1279-SLUDGEME

Tgt Ion:105 Resp: 66896

Ion Ratio Lower Upper

105 100

120 49.3 24.9 74.7



#84

1,2,4-Trimethylbenzene

Concen: 14.928 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.006 min

Lab File: VN073552.D

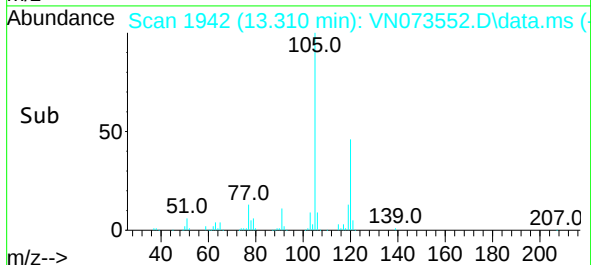
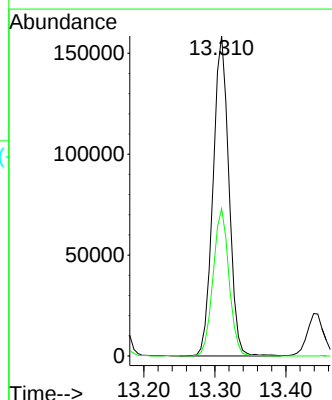
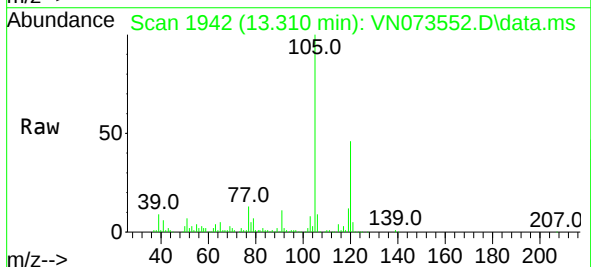
Acq: 21 Jul 2022 13:35

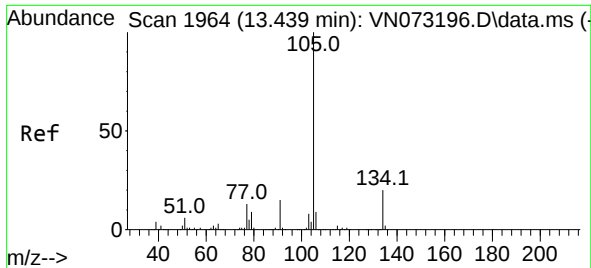
Tgt Ion:105 Resp: 245512

Ion Ratio Lower Upper

105 100

120 46.0 23.3 69.8

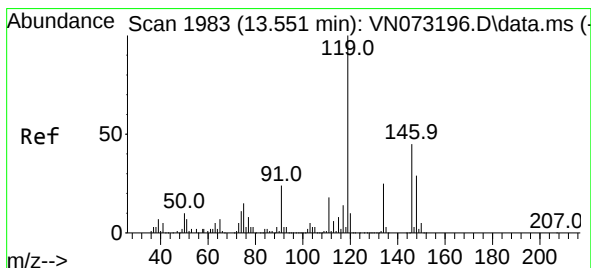
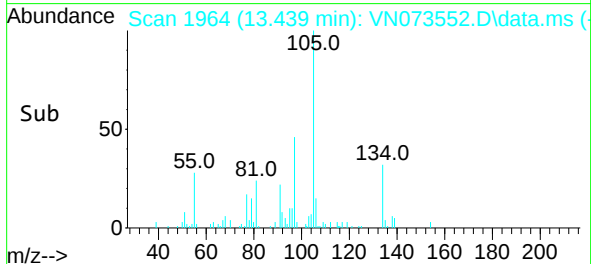
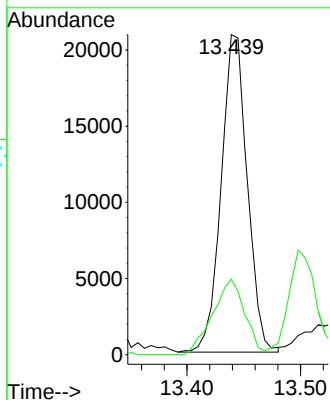
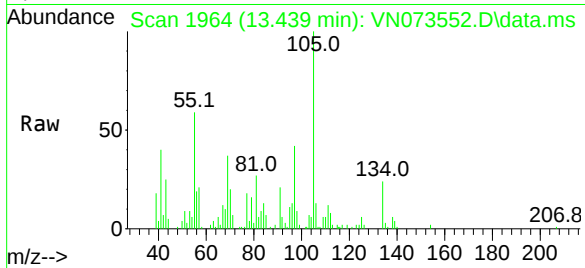




#85
 sec-Butylbenzene
 Concen: 1.682 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073552.D
 Acq: 21 Jul 2022 13:35

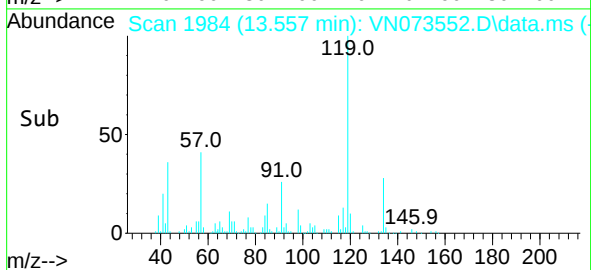
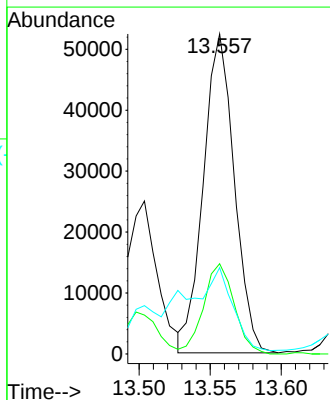
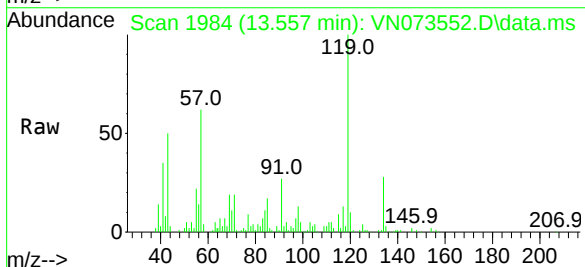
Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1279-SLUDGEME

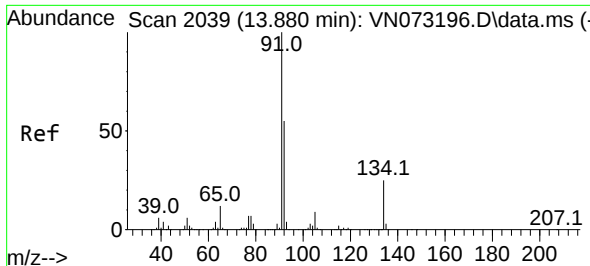
Tgt Ion:105 Resp: 33345
 Ion Ratio Lower Upper
 105 100
 134 29.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 4.945 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073552.D
 Acq: 21 Jul 2022 13:35

Tgt Ion:119 Resp: 79222
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.3 39.8
 91 19.2 11.3 33.9

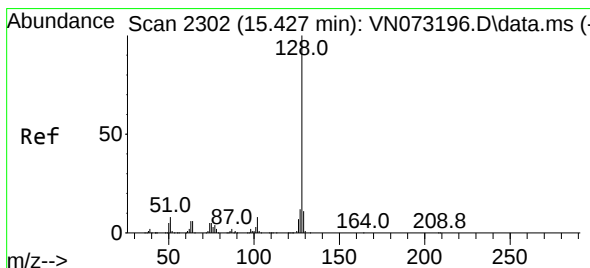
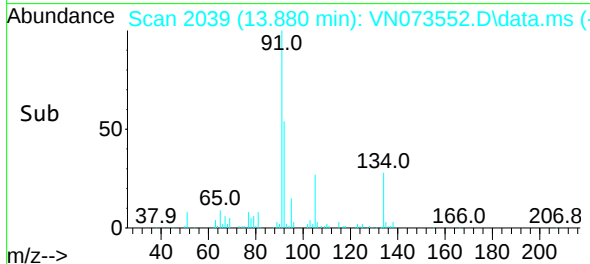
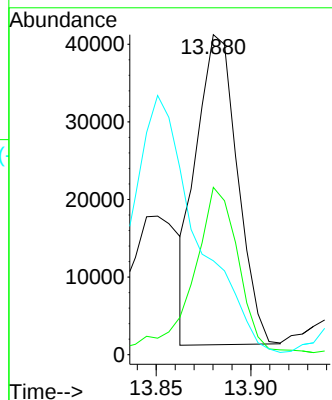
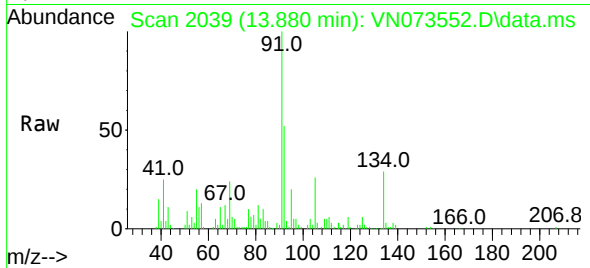




#89
n-Butylbenzene
Concen: 4.506 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073552.D
Acq: 21 Jul 2022 13:35

Instrument :
MSVOA_N
ClientSampleId :
TRE-1279-SLUDGEME

Tgt Ion: 91 Resp: 60143
Ion Ratio Lower Upper
91 100
92 59.3 26.9 80.7
134 0.0 13.6 40.8#



#95
Naphthalene
Concen: 27.863 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073552.D
Acq: 21 Jul 2022 13:35

Tgt Ion:128 Resp: 502570
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 11.7 8.6 13.0

