

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051123\
 Data File : VY013715.D
 Acq On : 11 May 2023 14:37
 Operator : KP/MD
 Sample : 02743-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUM-A-SLUDGE

Quant Time: May 12 04:42:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	61002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	92001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	88660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37490	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	42160	63.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.100%
35) Dibromofluoromethane	7.716	113	34042	58.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.660%
50) Toluene-d8	10.179	98	114327	55.540	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.080%
62) 4-Bromofluorobenzene	12.483	95	33728	48.602	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.200%

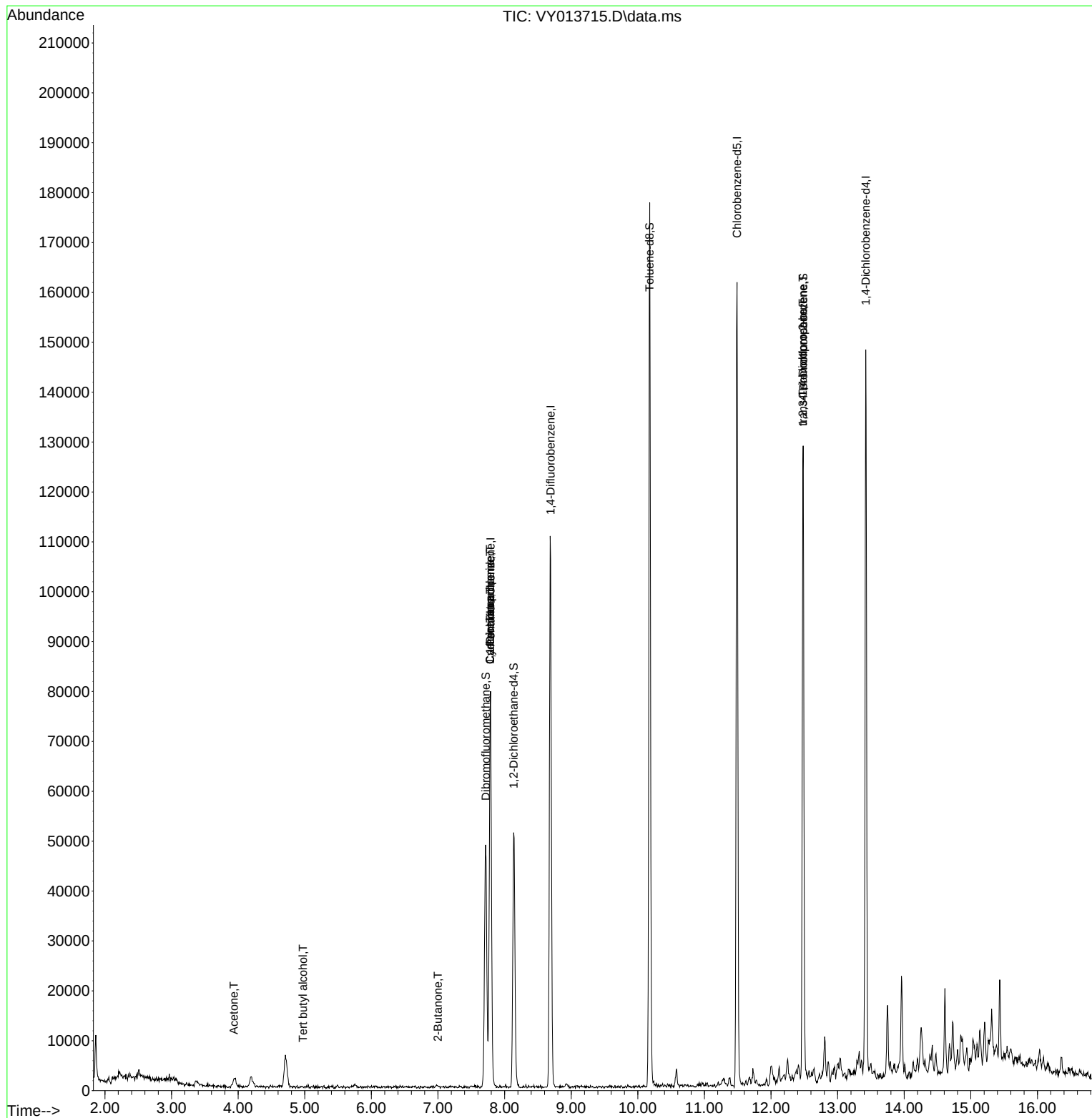
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.972	59	33	1.087	ug/l #	89
13) Acrolein	3.802	56	19	Below Cal	#	16
16) Acetone	3.936	43	3207	12.178	ug/l #	86
20) Methylene Chloride	4.710	84	4234	Below Cal	#	63
25) 2-Butanone	6.996	43	449	1.344	ug/l #	47
31) Cyclohexane	7.783	56	1327	1.108	ug/l #	48
36) 1,1-Dichloropropene	7.783	75	4689	4.883	ug/l #	48
38) Carbon Tetrachloride	7.783	117	5968	5.929	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	18138	35.874	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	18138	73.383	ug/l #	13

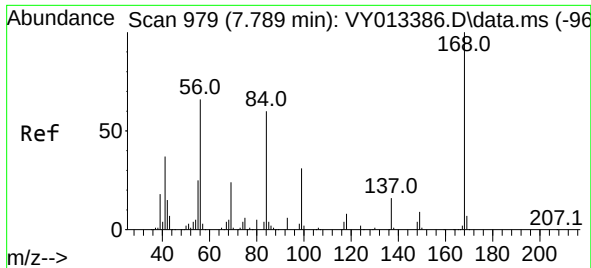
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 12 04:42:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

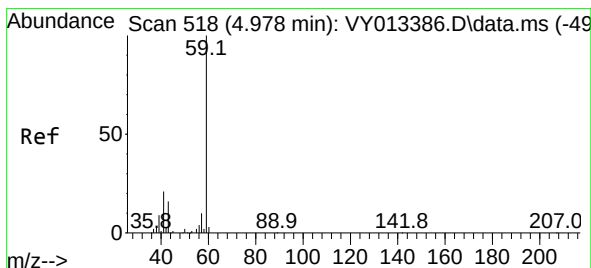
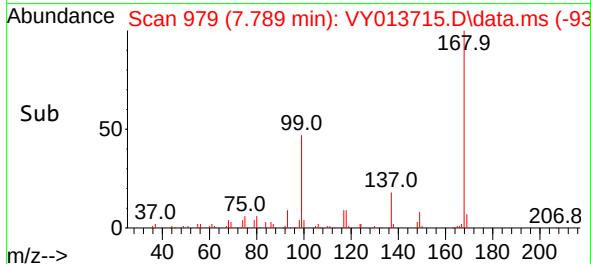
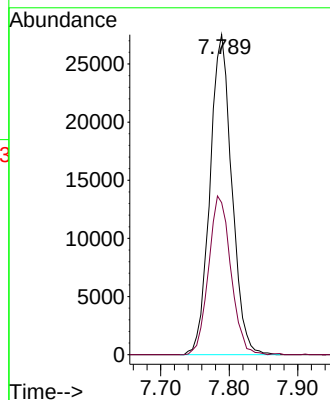
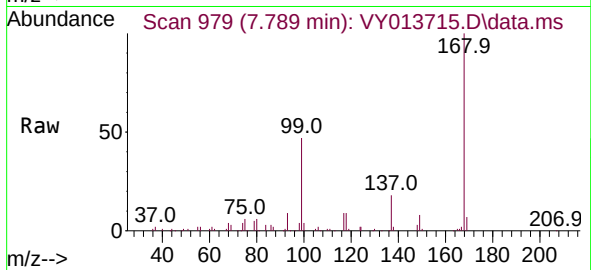




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013715.D
Acq: 11 May 2023 14:37

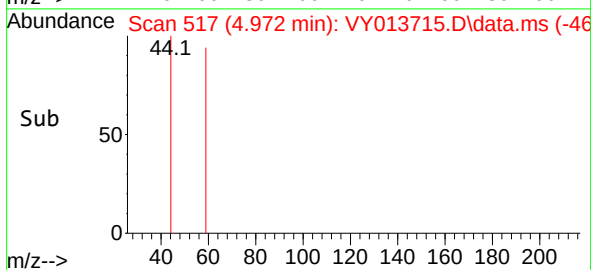
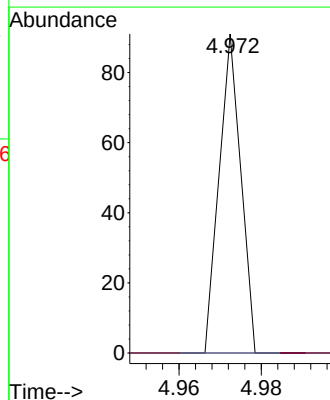
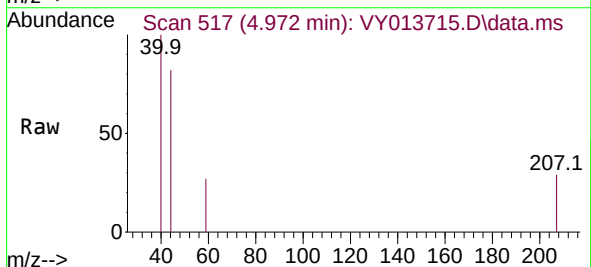
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

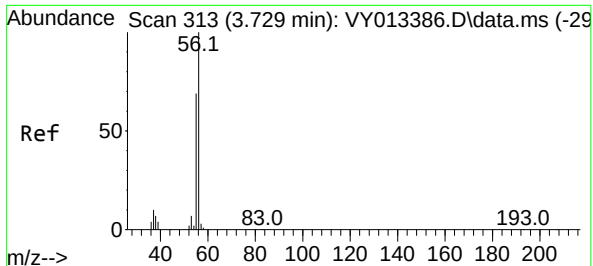
Tgt Ion:168 Resp: 61002
Ion Ratio Lower Upper
168 100
99 47.5 41.8 62.6



#11
Tert butyl alcohol
Concen: 1.087 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY013715.D
Acq: 11 May 2023 14:37

Tgt Ion: 59 Resp: 33
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

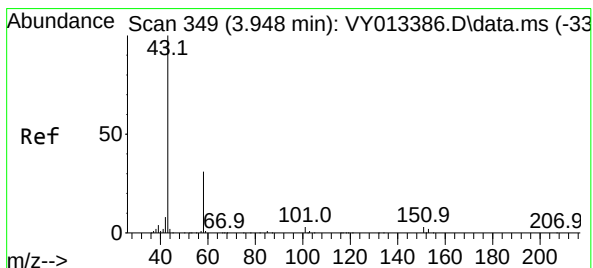
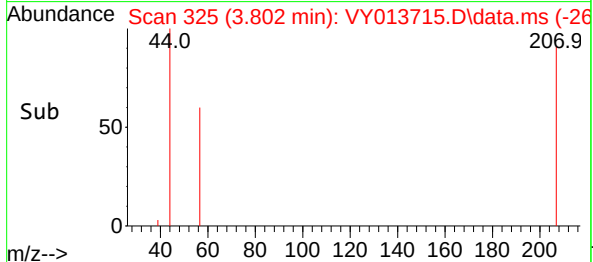
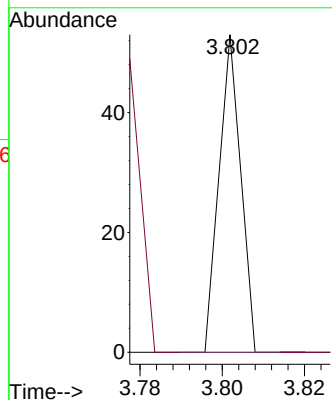
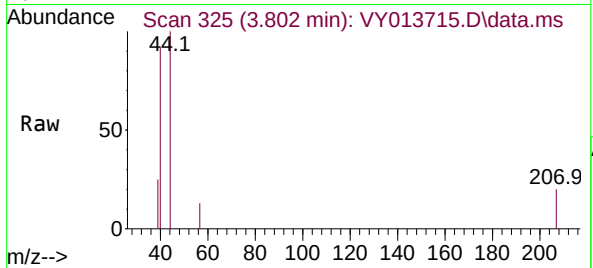




#13
Acrolein
Concen: Below Cal
RT: 3.802 min Scan# 313
Delta R.T. 0.073 min
Lab File: VY013715.D
Acq: 11 May 2023 14:37

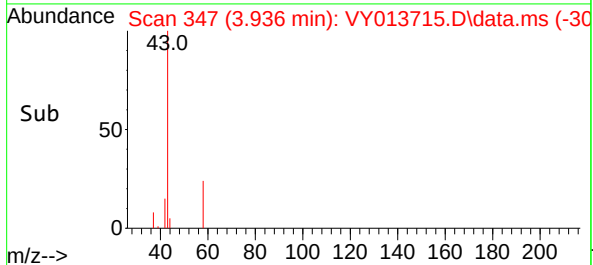
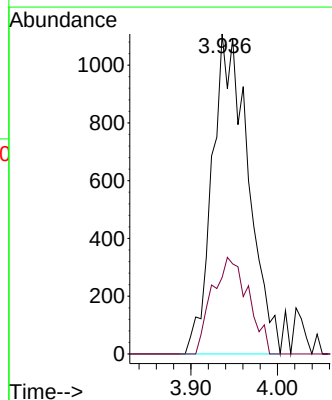
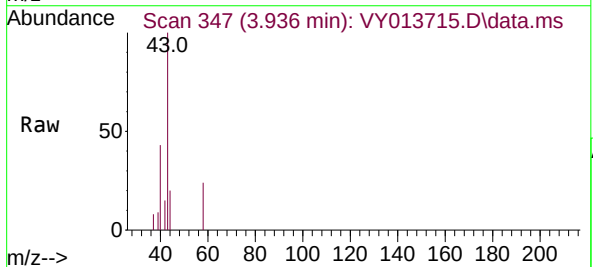
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

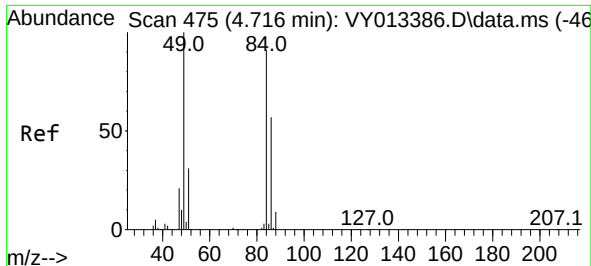
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#



#16
Acetone
Concen: 12.178 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY013715.D
Acq: 11 May 2023 14:37

Tgt Ion: 43 Resp: 3207
Ion Ratio Lower Upper
43 100
58 23.9 25.4 38.0#

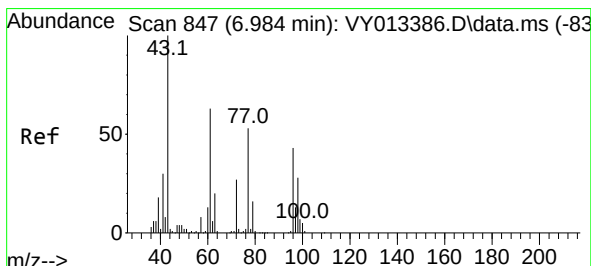
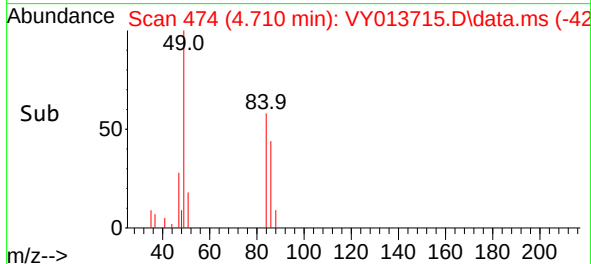
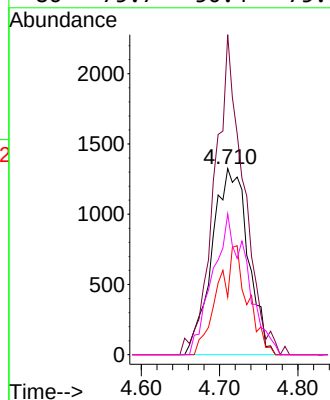
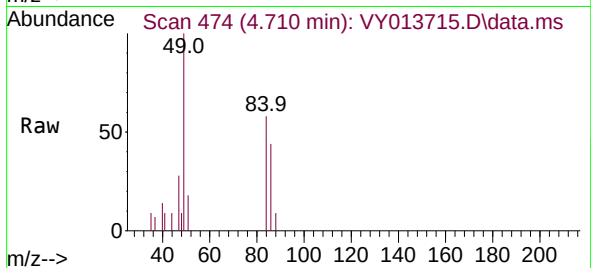




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013715.D
Acq: 11 May 2023 14:37

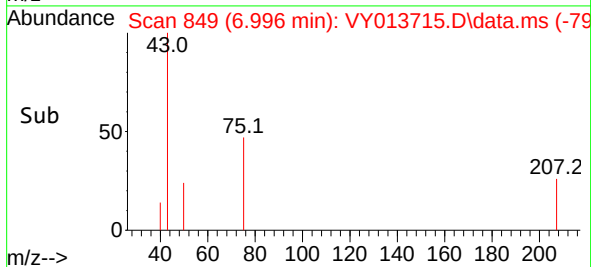
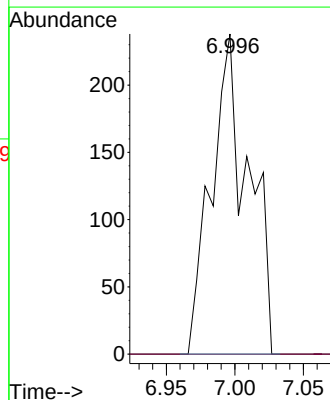
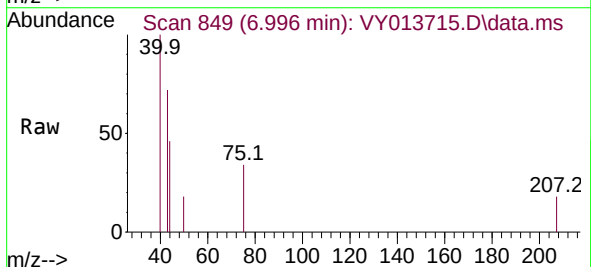
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

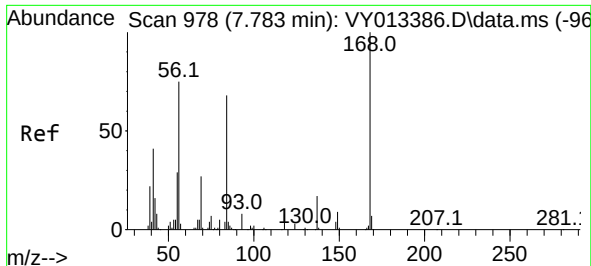
Tgt Ion: 84 Resp: 4234
Ion Ratio Lower Upper
84 100
49 171.9 88.0 132.0#
51 30.9 27.4 41.0
86 75.7 50.4 75.6#



#25
2-Butanone
Concen: 1.344 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY013715.D
Acq: 11 May 2023 14:37

Tgt Ion: 43 Resp: 449
Ion Ratio Lower Upper
43 100
72 0.0 21.9 32.9#

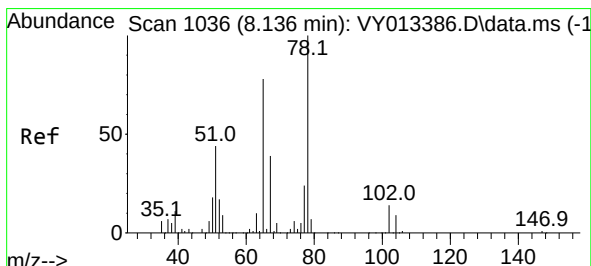
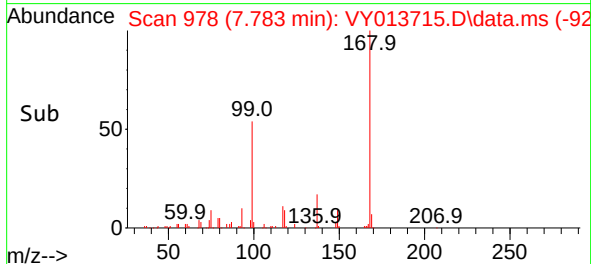
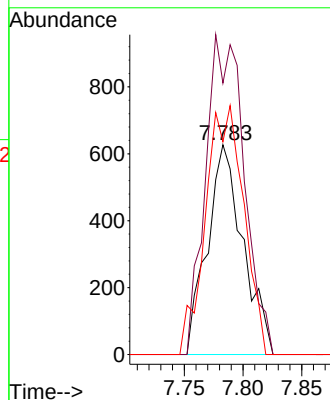
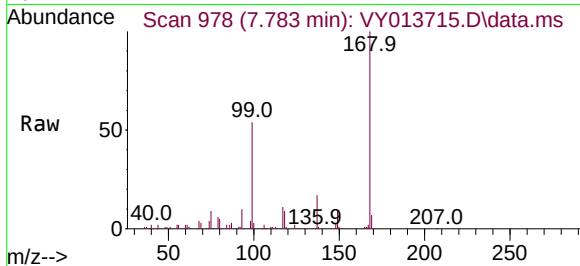




#31
Cyclohexane
Concen: 1.108 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013715.D
Acq: 11 May 2023 14:37

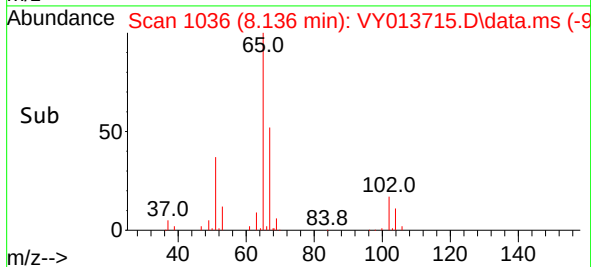
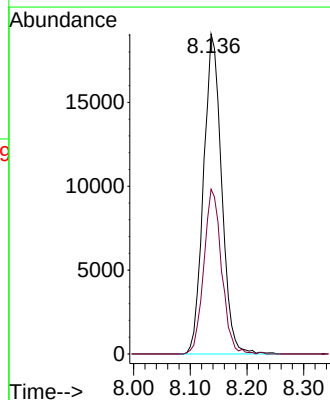
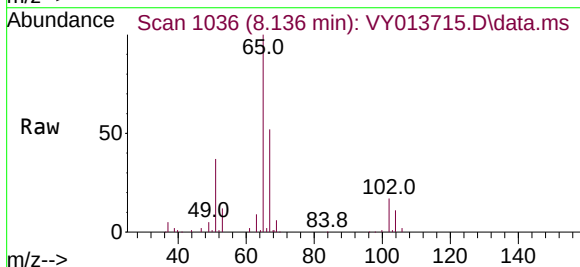
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

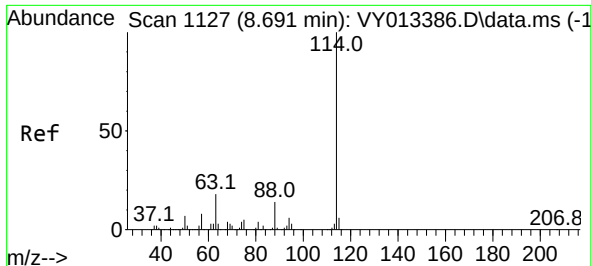
Tgt Ion: 56 Resp: 1327
Ion Ratio Lower Upper
56 100
69 129.3 29.2 43.8#
84 101.4 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 63.046 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013715.D
Acq: 11 May 2023 14:37

Tgt Ion: 65 Resp: 42160
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013715.D

Acq: 11 May 2023 14:37

Instrument :

MSVOA_Y

ClientSampleId :

DRUM-A-SLUDGE

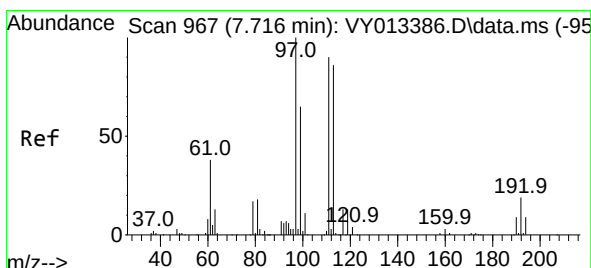
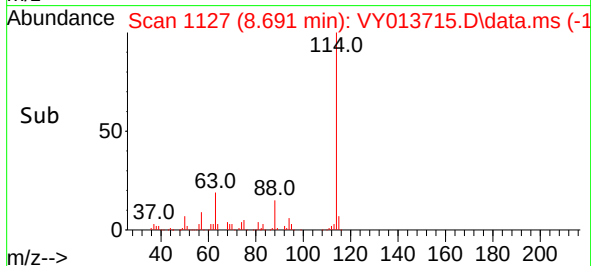
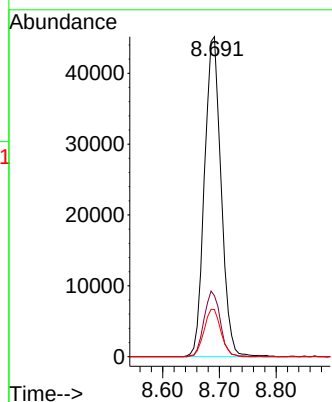
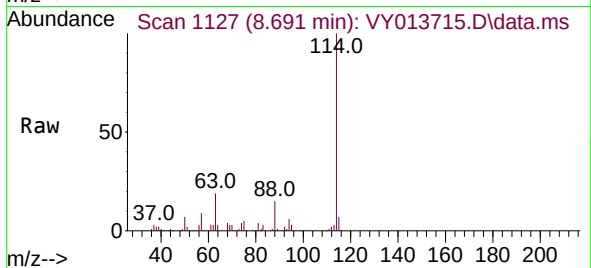
Tgt Ion:114 Resp: 92001

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.6

88 14.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 58.831 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013715.D

Acq: 11 May 2023 14:37

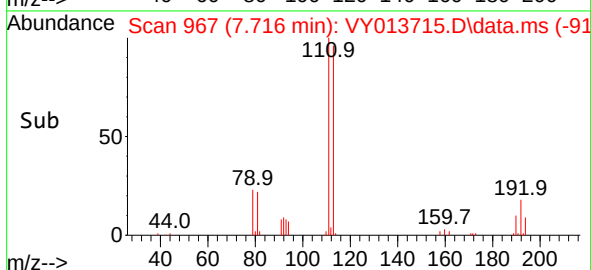
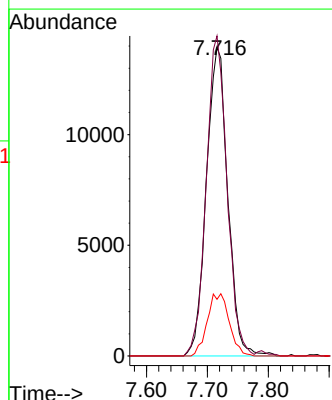
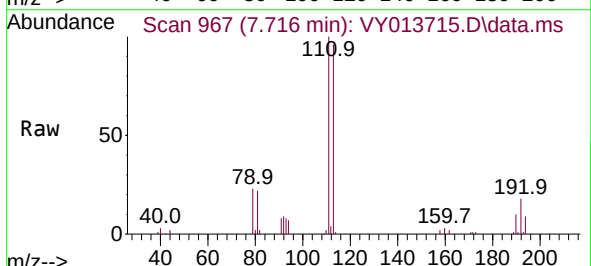
Tgt Ion:113 Resp: 34042

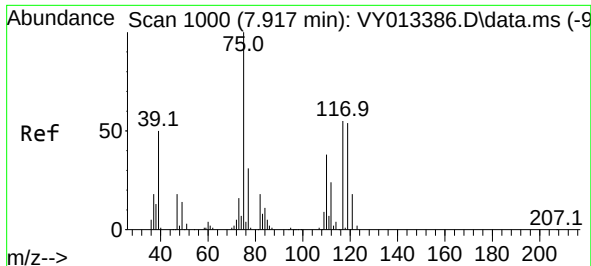
Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.2

192 20.7 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.883 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY013715.D

Acq: 11 May 2023 14:37

Instrument :

MSVOA_Y

ClientSampleId :

DRUM-A-SLUDGE

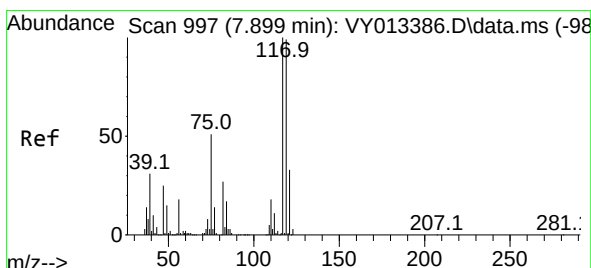
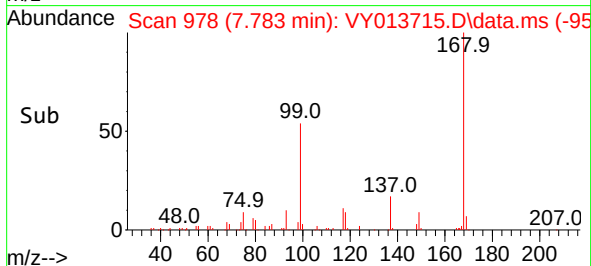
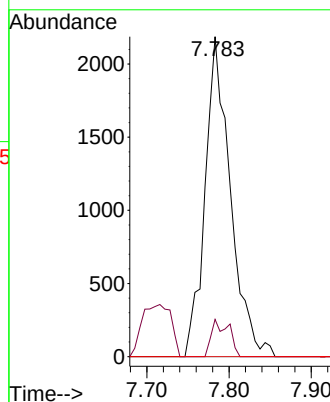
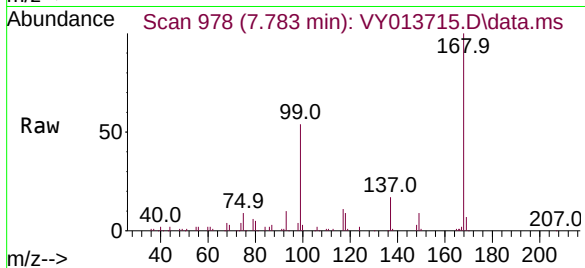
Tgt Ion: 75 Resp: 4689

Ion Ratio Lower Upper

75 100

110 7.9 18.7 56.1#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.929 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY013715.D

Acq: 11 May 2023 14:37

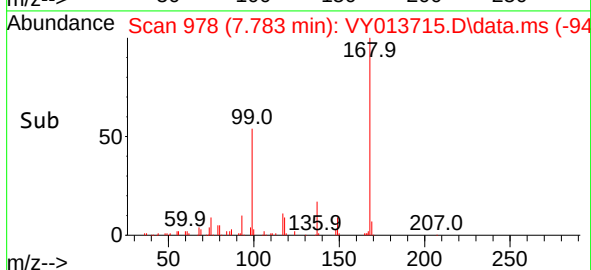
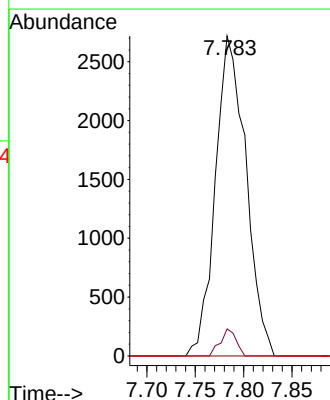
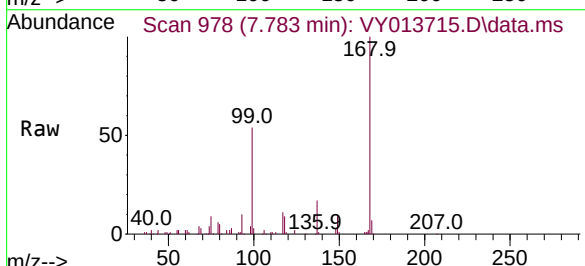
Tgt Ion: 117 Resp: 5968

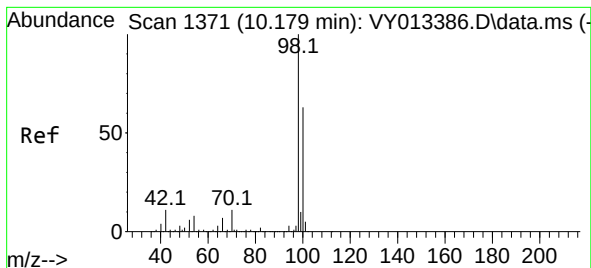
Ion Ratio Lower Upper

117 100

119 8.4 79.0 118.6#

121 0.0 26.6 40.0#

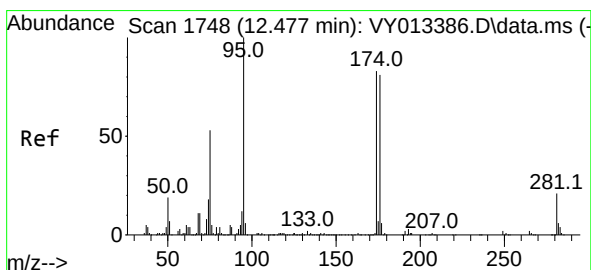
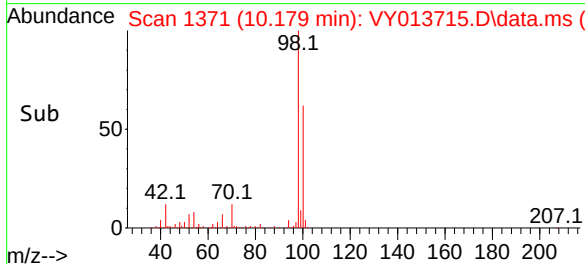
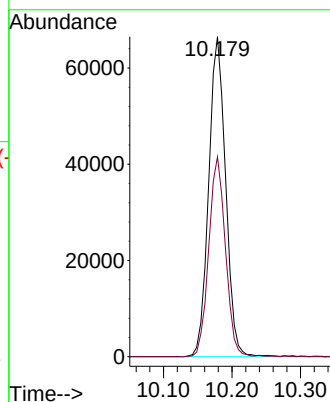
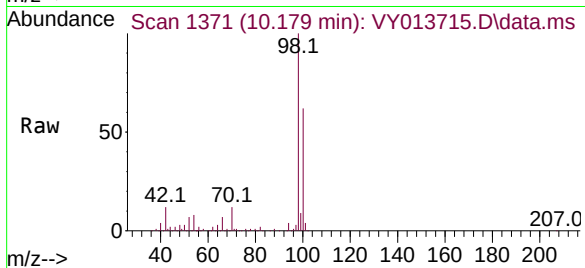




#50
Toluene-d8
Concen: 55.540 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013715.D
Acq: 11 May 2023 14:37

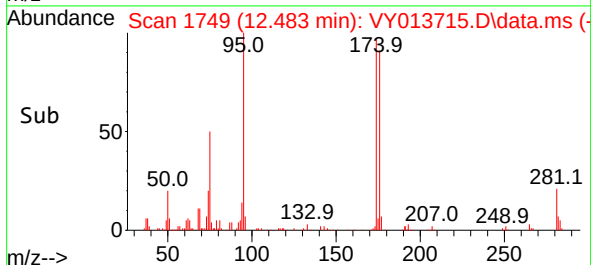
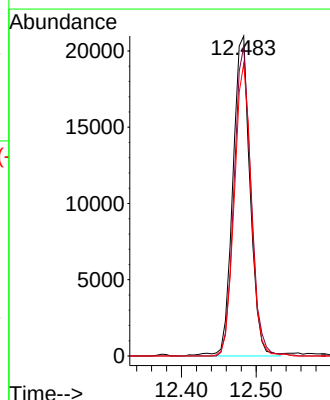
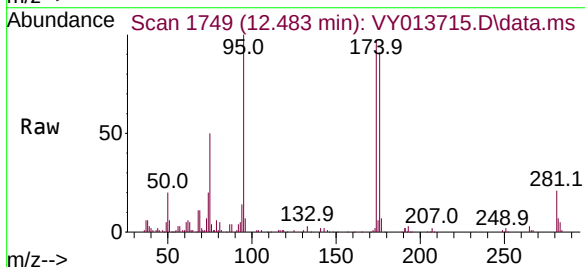
Instrument :
MSVOA_Y
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DRUM-A-SLUDGE

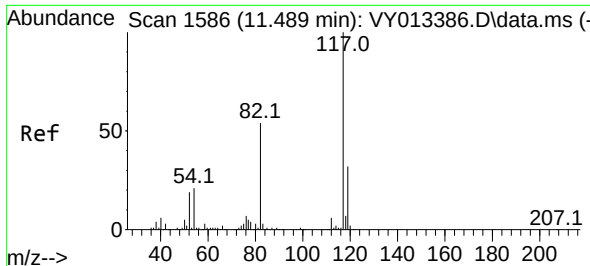
Tgt Ion: 98 Resp: 114327
Ion Ratio Lower Upper
98 100
100 61.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 48.602 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013715.D
Acq: 11 May 2023 14:37

Tgt Ion: 95 Resp: 33728
Ion Ratio Lower Upper
95 100
174 95.2 0.0 182.0
176 89.5 0.0 175.4

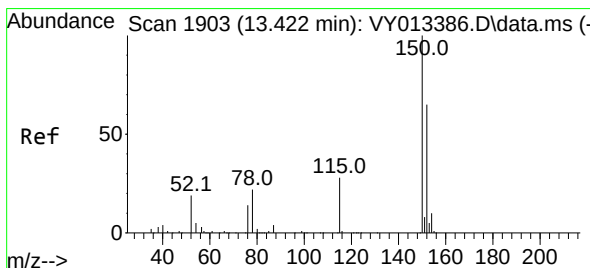
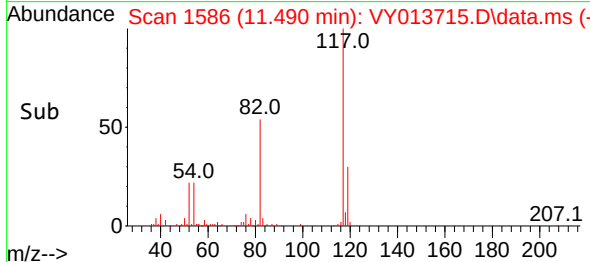
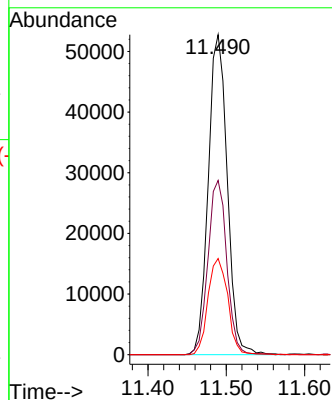
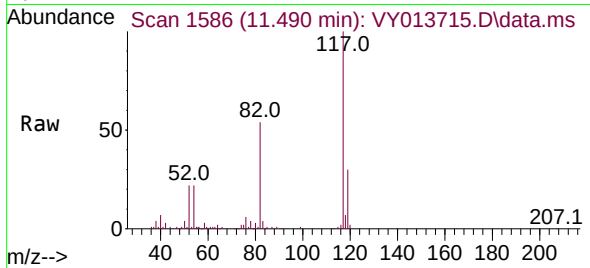




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013715.D
Acq: 11 May 2023 14:37

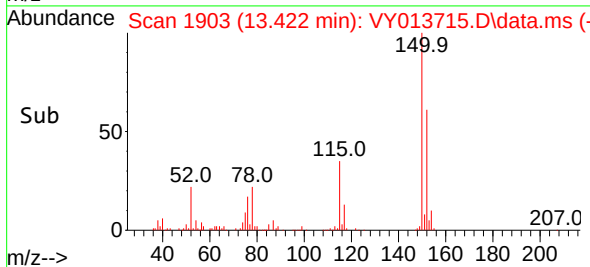
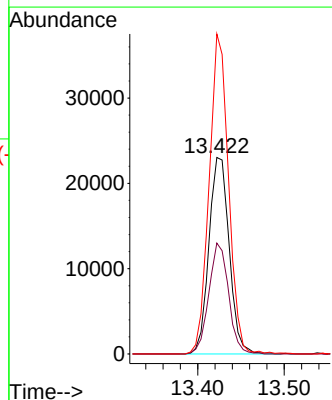
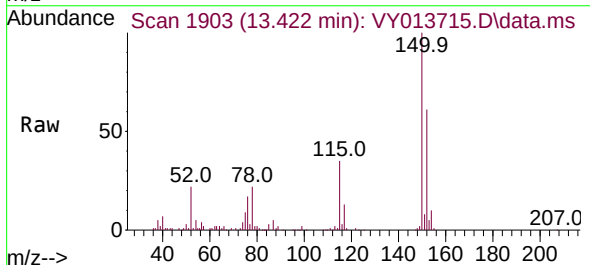
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MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

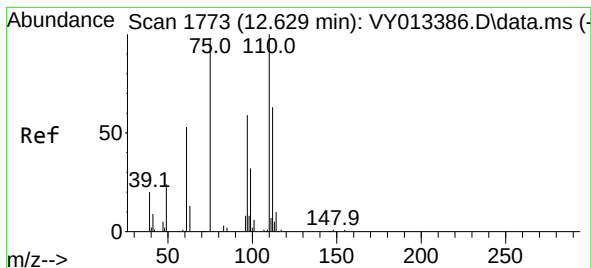
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.0	64.6
119	30.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013715.D
Acq: 11 May 2023 14:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.1	84.2
150	155.4	0.0	352.0





#76

1,2,3-Trichloropropane

Concen: 35.874 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY013715.D

Acq: 11 May 2023 14:37

Instrument :

MSVOA_Y

ClientSampleId :

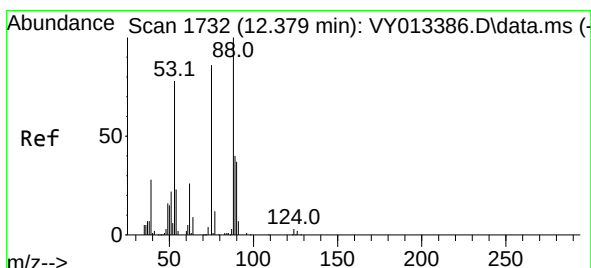
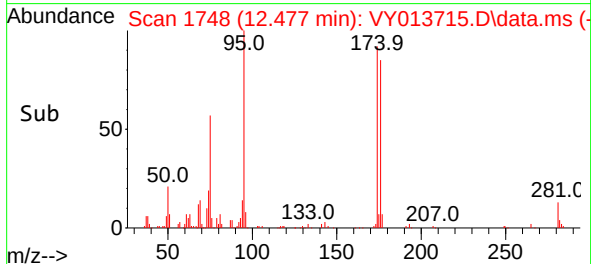
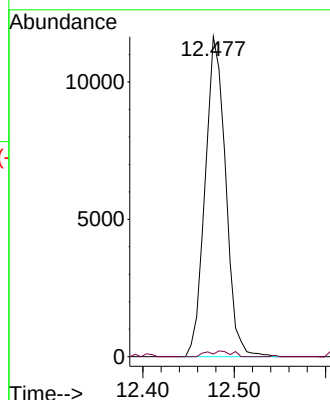
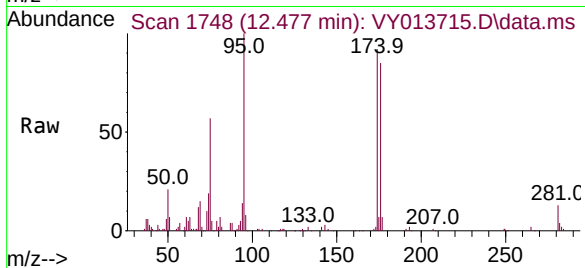
DRUM-A-SLUDGE

Tgt Ion: 75 Resp: 18138

Ion Ratio Lower Upper

75 100

77 2.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.383 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY013715.D

Acq: 11 May 2023 14:37

Tgt Ion: 75 Resp: 18138

Ion Ratio Lower Upper

75 100

53 0.7 73.2 109.8#

89 0.2 38.0 57.0#

