

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013736.D
 Acq On : 15 May 2023 14:53
 Operator : KP/MD
 Sample : 02743-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUM-A-SLUDGE

Quant Time: May 16 01:31:29 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	7.783	168	4347	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	6922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2030	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2779	58.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.640%	
35) Dibromofluoromethane	7.703	113	2385	54.782	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.560%	
50) Toluene-d8	10.179	98	8734	56.393	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.780%	
62) 4-Bromofluorobenzene	12.477	95	2302	44.089	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.180%	

Target Compounds			Qvalue			
3) Chloromethane	2.113	50	338	6.102	ug/l	# 42
4) Vinyl Chloride	2.192	62	95	1.722	ug/l	# 1
5) Bromomethane	2.668	94	94	2.139	ug/l	85
14) Allyl chloride	4.485	41	95	1.133	ug/l	# 22
15) Acrylonitrile	5.289	53	19	1.192	ug/l	# 18
16) Acetone	3.966	43	926	49.344	ug/l	95
17) Carbon Disulfide	4.204	76	285	1.942	ug/l	# 75
20) Methylene Chloride	4.722	84	1588	22.574	ug/l	# 90
25) 2-Butanone	7.063	43	49	2.059	ug/l	# 47
29) Tetrahydrofuran	7.356	42	19	1.283	ug/l	# 24
36) 1,1-Dichloropropene	7.795	75	286	3.958	ug/l	# 40
38) Carbon Tetrachloride	7.789	117	556	7.342	ug/l	# 11
41) Methacrylonitrile	7.307	41	116	4.578	ug/l	# 36
46) Dibromomethane	9.282	93	48	1.507	ug/l	# 1
48) Methyl methacrylate	9.282	41	314	7.450	ug/l	# 31
51) 4-Methyl-2-Pentanone	10.057	43	136	2.659	ug/l	# 37
55) 1,1,2-Trichloroethane	10.642	97	144	3.415	ug/l	# 50
56) Ethyl methacrylate	10.483	69	160	2.735	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.831	63	51	2.325	ug/l	# 16
59) 2-Hexanone	10.825	43	247	6.644	ug/l	# 26
60) Dibromochloromethane	10.977	129	114	2.227	ug/l	# 11
61) 1,2-Dibromoethane	10.868	107	52	1.254	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.617	131	212	3.664	ug/l	# 38
68) m/p-Xylenes	11.697	106	189	1.830	ug/l	# 5
69) o-Xylene	12.105	106	173	1.771	ug/l	59
71) Bromoform	12.227	173	303	7.476	ug/l	# 41
73) Isopropylbenzene	12.343	105	255	1.661	ug/l	91
74) N-amyl acetate	12.160	43	440	8.053	ug/l	# 61
75) 1,1,2,2-Tetrachloroethane	12.575	83	157	4.183	ug/l	# 1
76) 1,2,3-Trichloropropane	12.550	75	60	2.192	ug/l	# 100
77) Bromobenzene	12.599	156	48	1.290	ug/l	# 73
79) 2-Chlorotoluene	12.855	91	140	1.326	ug/l	73
80) 1,3,5-Trimethylbenzene	12.806	105	127	1.013	ug/l	82
81) trans-1,4-Dichloro-2-b...	12.361	75	48	3.586	ug/l	# 32
82) 4-Chlorotoluene	12.855	91	140	1.272	ug/l	73
85) sec-Butylbenzene	13.184	105	299	1.835	ug/l	87

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

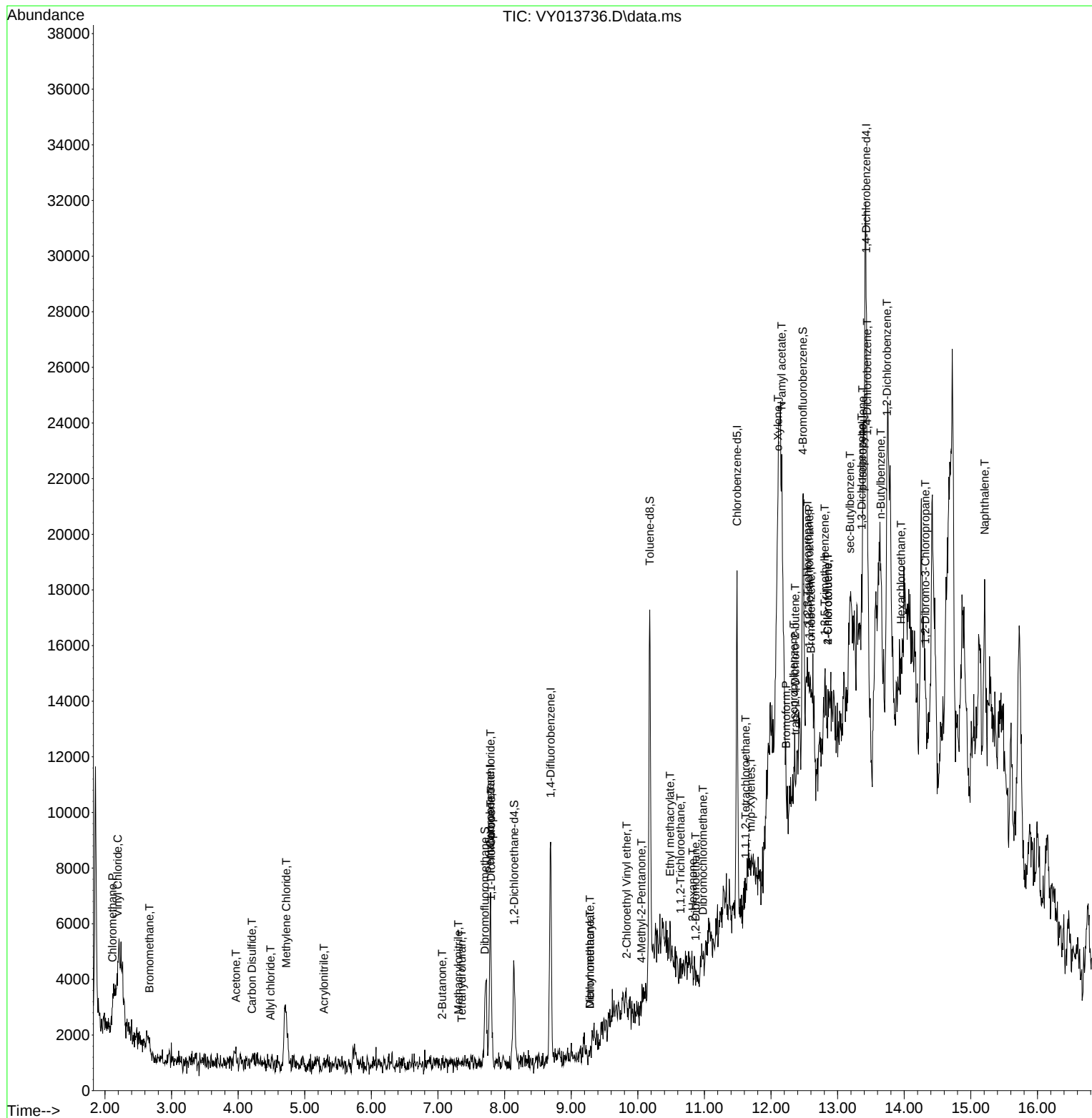
86) p-Isopropyltoluene	13.373	119	170	1.297	ug/l #	1
87) 1,3-Dichlorobenzene	13.361	146	83	1.171	ug/l #	25
88) 1,4-Dichlorobenzene	13.446	146	96	1.341	ug/l #	25
89) n-Butylbenzene	13.648	91	337	2.635	ug/l	77
90) Hexachloroethane	13.952	117	78	2.828	ug/l #	8
91) 1,2-Dichlorobenzene	13.739	146	214	3.343	ug/l #	25
92) 1,2-Dibromo-3-Chloropr...	14.318	75	62	9.354	ug/l #	1
95) Naphthalene	15.208	128	286	3.454	ug/l #	34

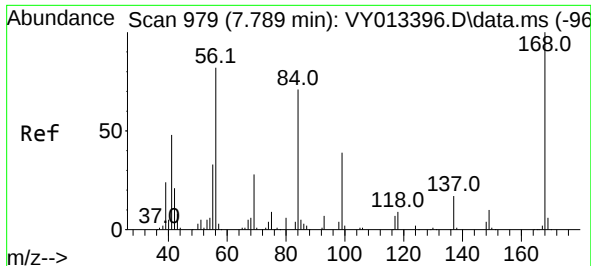
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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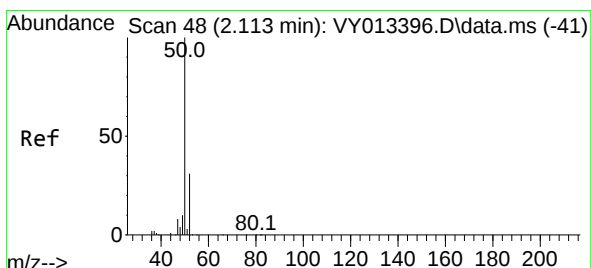
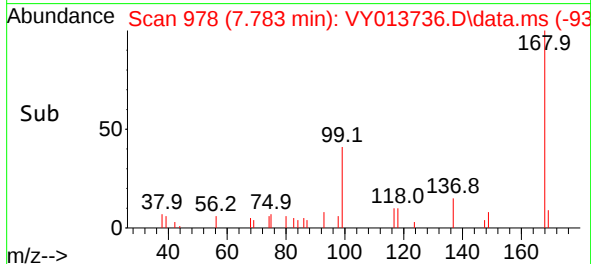
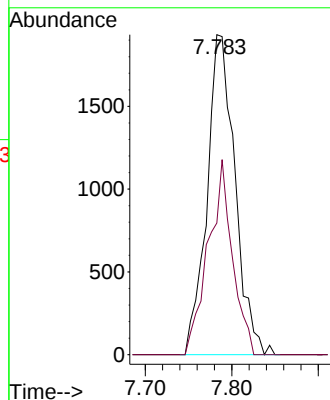
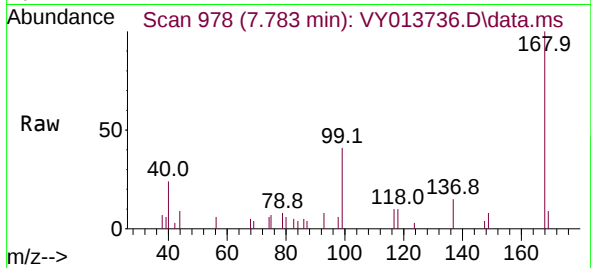




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

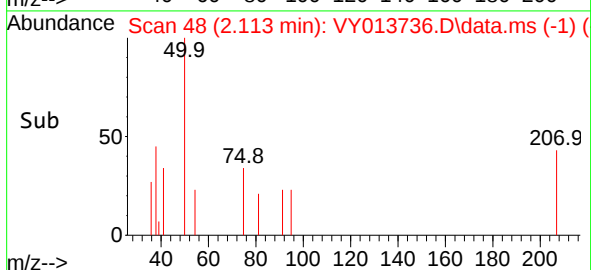
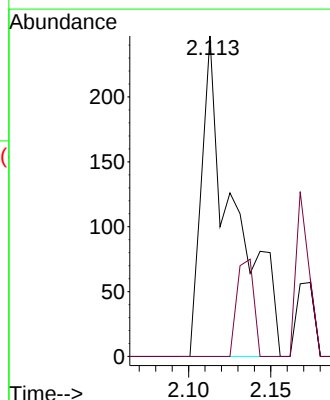
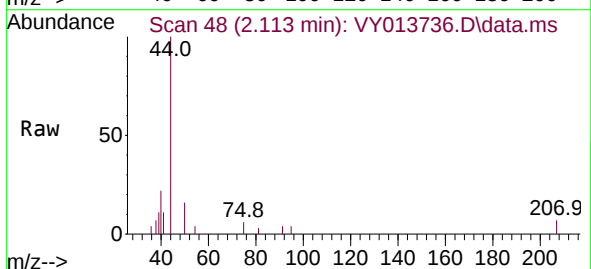
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

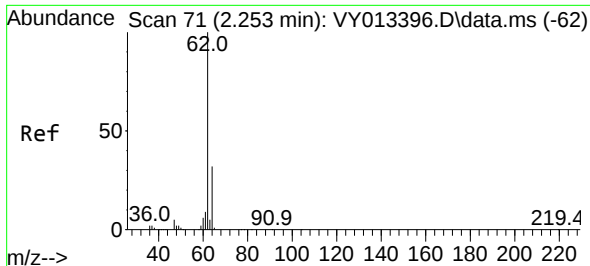
Tgt Ion:168 Resp: 4347
Ion Ratio Lower Upper
168 100
99 41.1 41.8 62.6#



#3
Chloromethane
Concen: 6.102 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

Tgt Ion: 50 Resp: 338
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

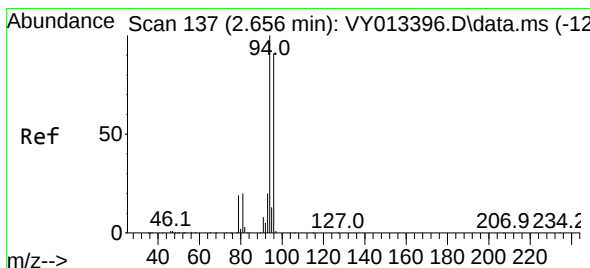
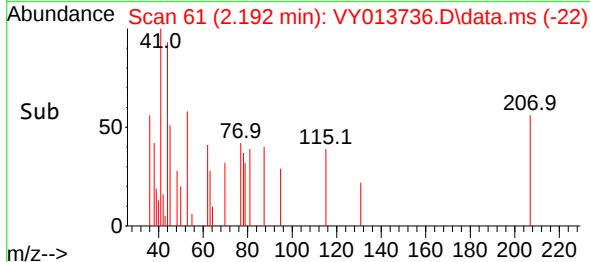
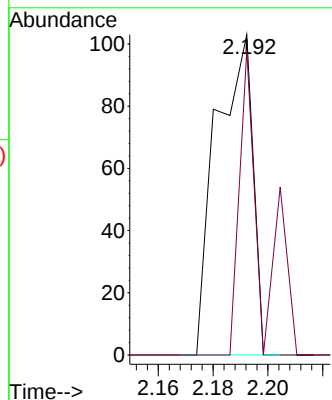
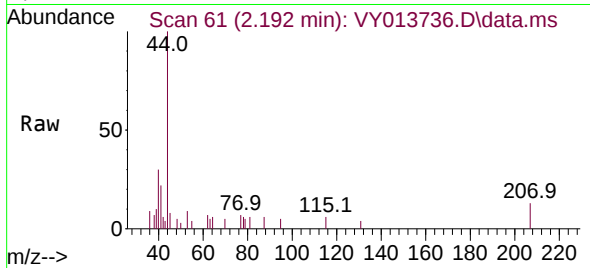




#4
 Vinyl Chloride
 Concen: 1.722 ug/l
 RT: 2.192 min Scan# 61
 Delta R.T. -0.061 min
 Lab File: VY013736.D
 Acq: 15 May 2023 14:53

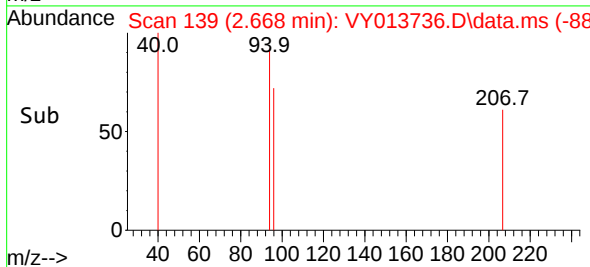
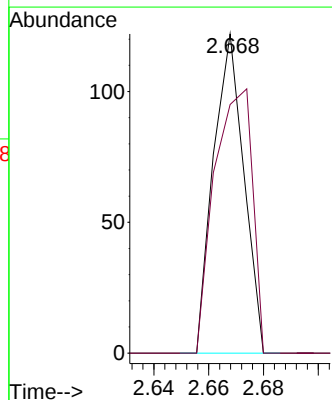
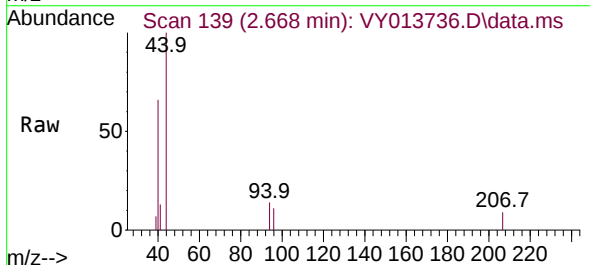
Instrument :
 MSVOA_Y
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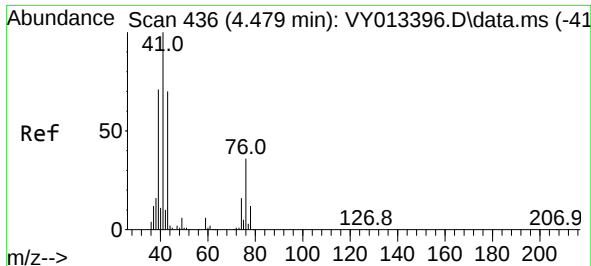
Tgt Ion: 62 Resp: 95
 Ion Ratio Lower Upper
 62 100
 64 95.1 25.4 38.0#



#5
 Bromomethane
 Concen: 2.139 ug/l
 RT: 2.668 min Scan# 139
 Delta R.T. 0.012 min
 Lab File: VY013736.D
 Acq: 15 May 2023 14:53

Tgt Ion: 94 Resp: 94
 Ion Ratio Lower Upper
 94 100
 96 77.9 74.2 111.2





#14

Allyl chloride

Concen: 1.133 ug/l

RT: 4.485 min Scan# 41

Delta R.T. 0.007 min

Lab File: VY013736.D

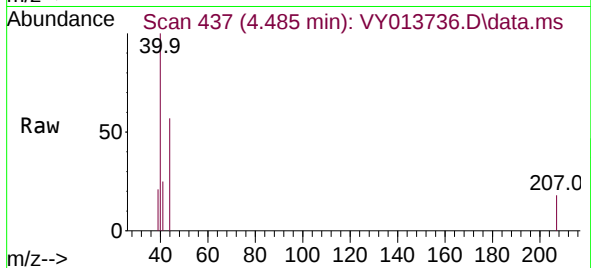
Acq: 15 May 2023 14:53

Instrument :

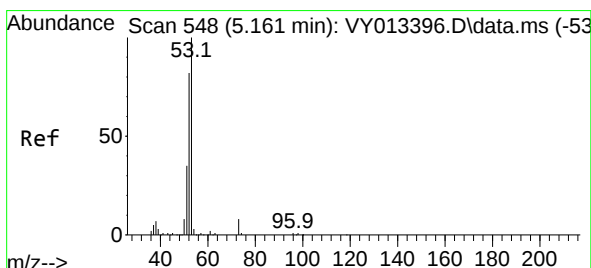
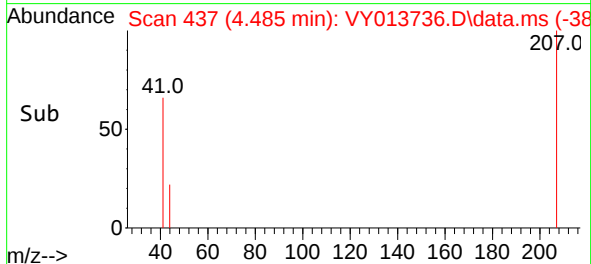
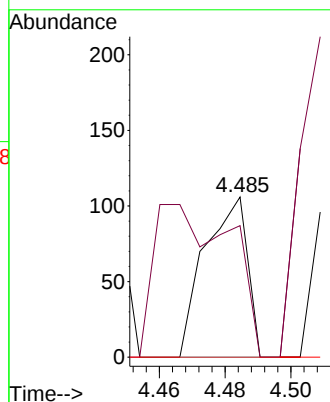
MSVOA_Y

ClientSampleId :

DRUM-A-SLUDGE



Tgt Ion: 41	Resp:	95
Ion	Ratio	Lower Upper
41	100	
39	0.0	56.6 85.0#
76	0.0	30.5 45.7#



#15

Acrylonitrile

Concen: 1.192 ug/l

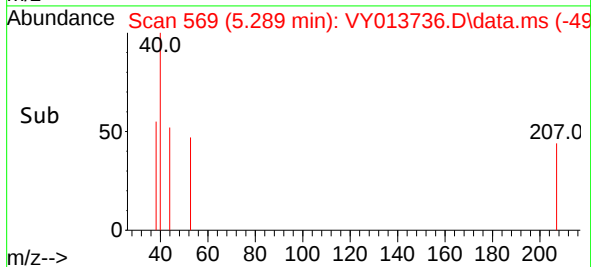
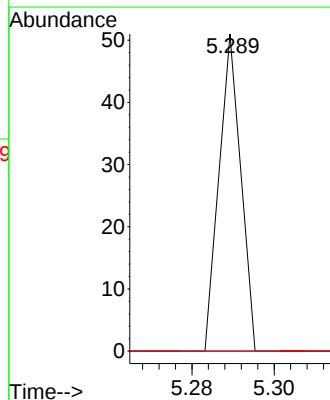
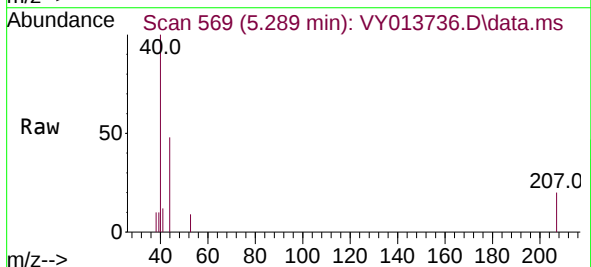
RT: 5.289 min Scan# 569

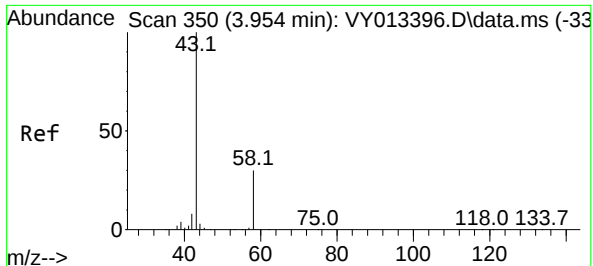
Delta R.T. 0.128 min

Lab File: VY013736.D

Acq: 15 May 2023 14:53

Tgt Ion: 53	Resp:	19
Ion	Ratio	Lower Upper
53	100	
52	0.0	65.4 98.0#
51	0.0	29.3 43.9#

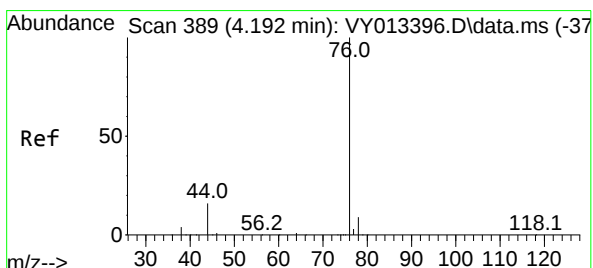
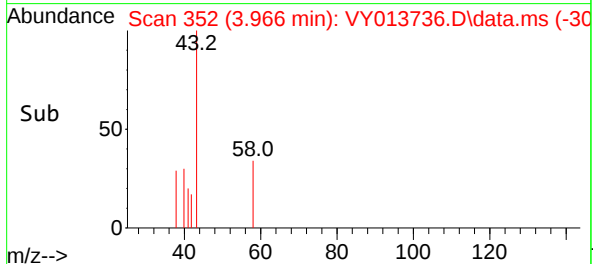
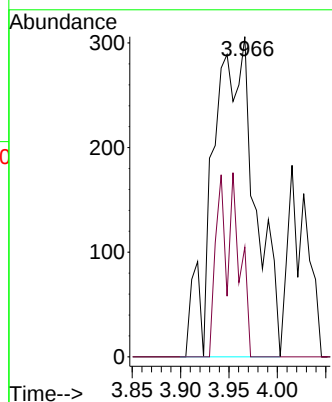
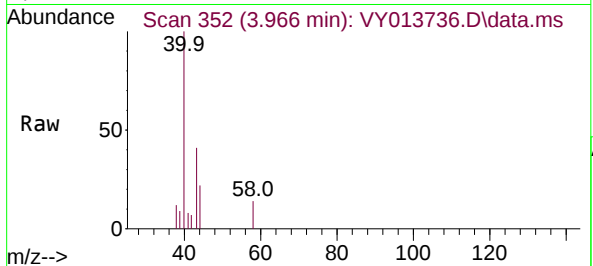




#16
Acetone
Concen: 49.344 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

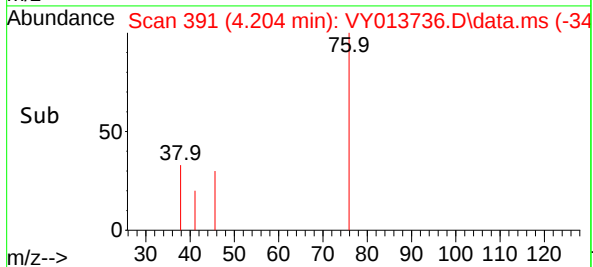
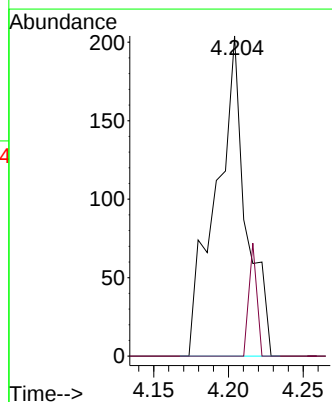
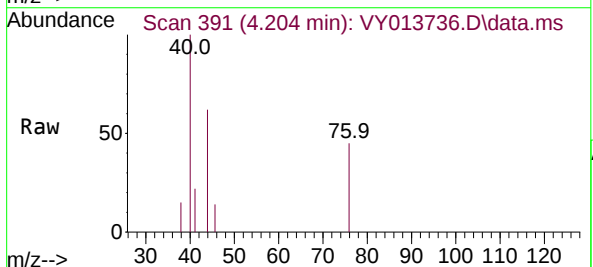
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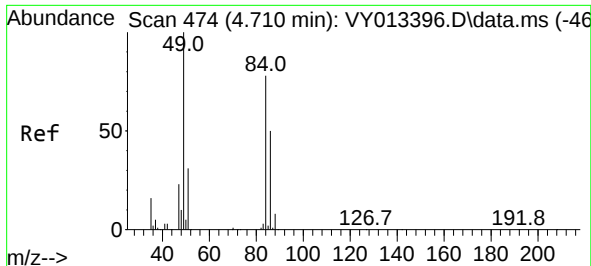
Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
58 34.3 25.4 38.0



#17
Carbon Disulfide
Concen: 1.942 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

Tgt Ion: 76 Resp: 285
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

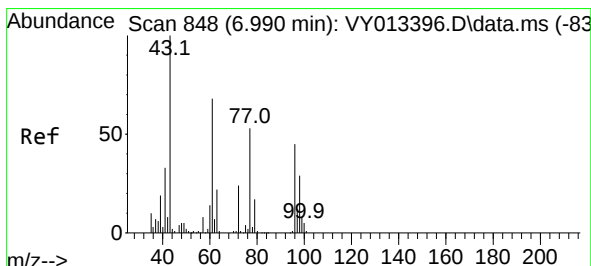
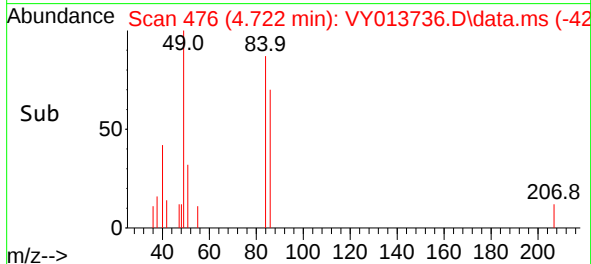
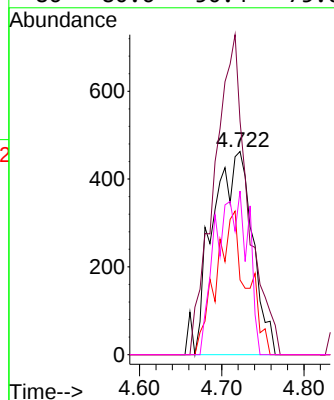
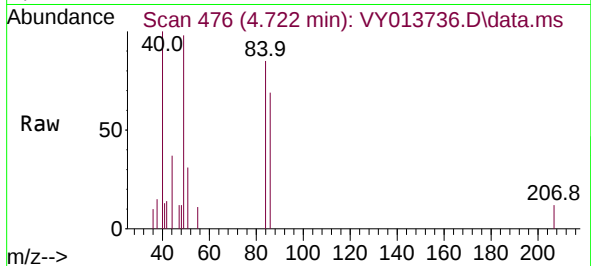




#20
Methylene Chloride
Concen: 22.574 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

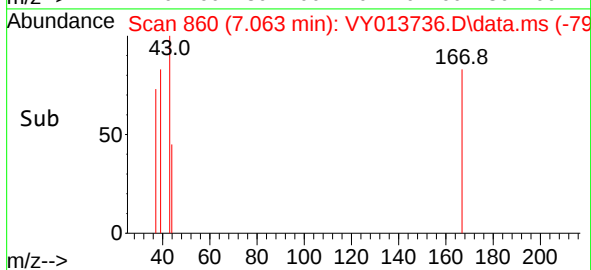
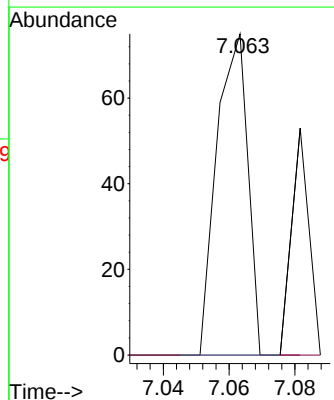
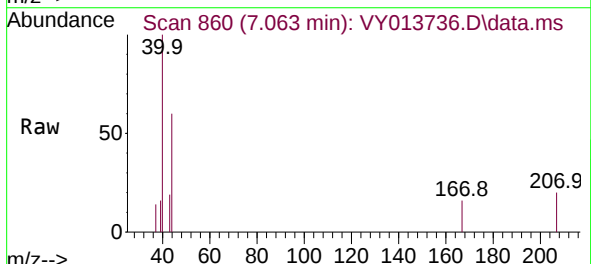
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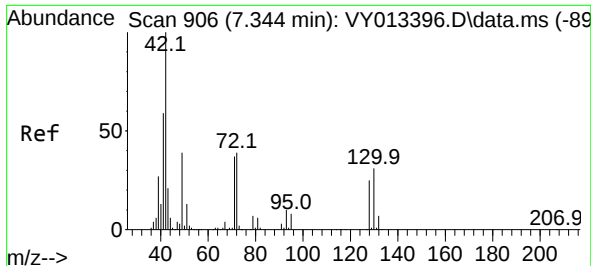
Tgt Ion:	84	Resp:	1588
Ion	Ratio	Lower	Upper
84	100		
49	114.9	88.0	132.0
51	36.7	27.4	41.0
86	80.6	50.4	75.6



#25
2-Butanone
Concen: 2.059 ug/l
RT: 7.063 min Scan# 860
Delta R.T. 0.079 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

Tgt Ion:	43	Resp:	49
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.9	32.9





#29

Tetrahydrofuran

Concen: 1.283 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY013736.D

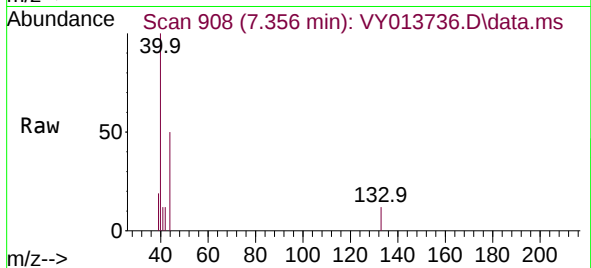
Acq: 15 May 2023 14:53

Instrument :

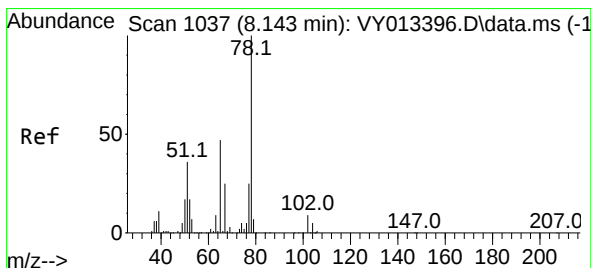
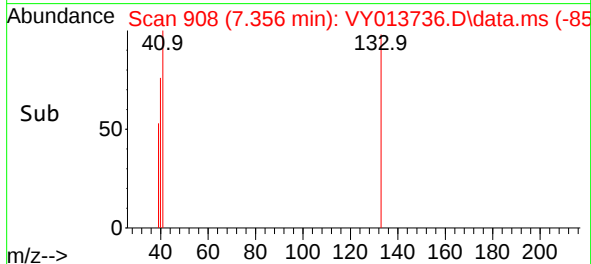
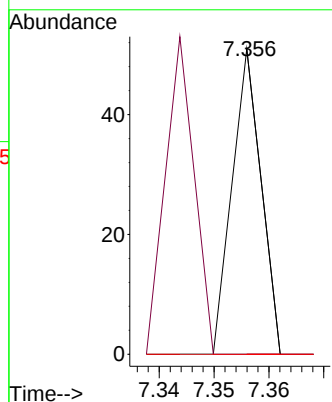
MSVOA_Y

ClientSampleId :

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Tgt Ion:	42	Resp:	19
Ion	Ratio	Lower	Upper
42	100		
72	100.0	35.9	53.9#
71	0.0	34.3	51.5#



#33

1,2-Dichloroethane-d4

Concen: 58.318 ug/l

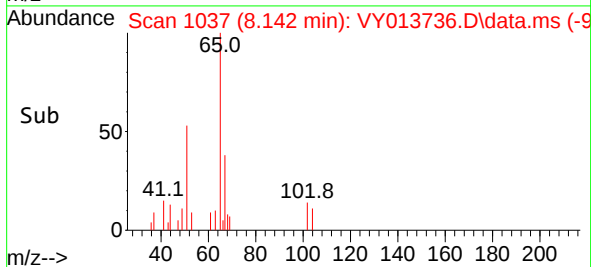
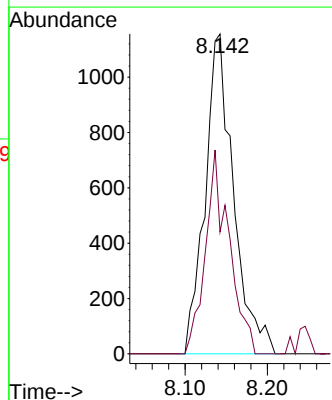
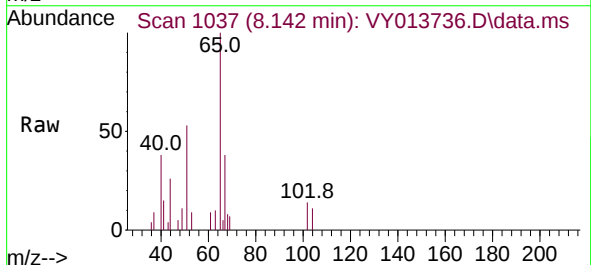
RT: 8.142 min Scan# 1037

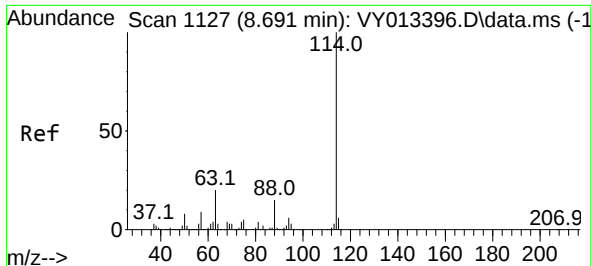
Delta R.T. 0.006 min

Lab File: VY013736.D

Acq: 15 May 2023 14:53

Tgt Ion:	65	Resp:	2779
Ion	Ratio	Lower	Upper
65	100		
67	52.9	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: VY013736.D

Acq: 15 May 2023 14:53

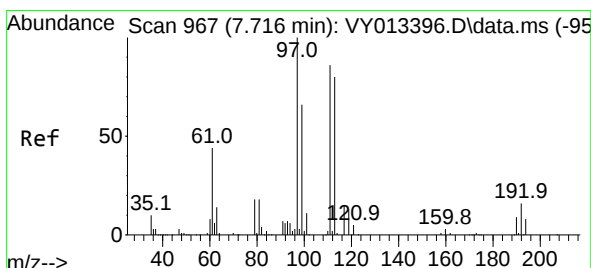
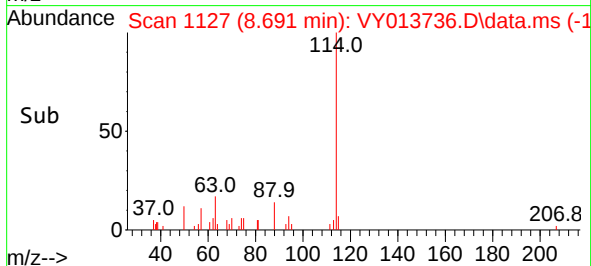
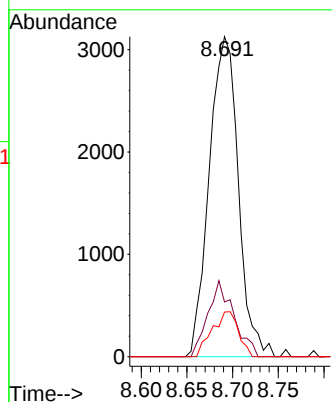
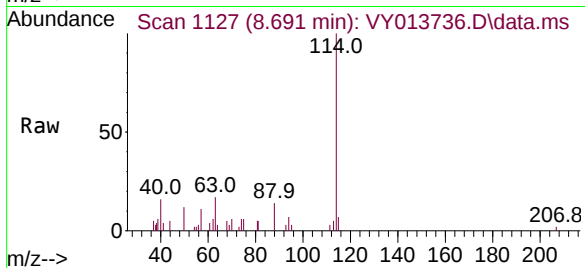
Instrument :

MSVOA_Y

ClientSampleId :

DRUM-A-SLUDGE

Tgt Ion:114	Resp:	6922
Ion	Ratio	Lower Upper
114	100	
63	17.1	0.0 36.6
88	13.9	0.0 28.8



#35

Dibromofluoromethane

Concen: 54.782 ug/l

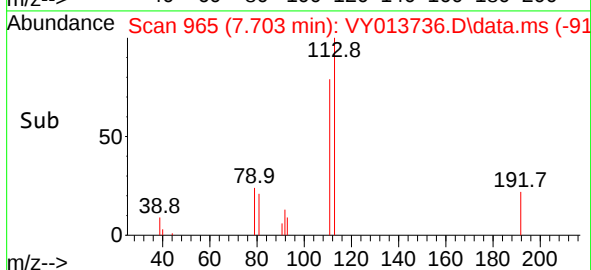
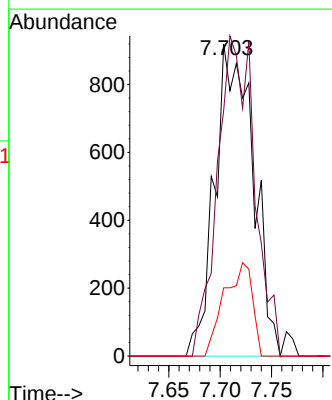
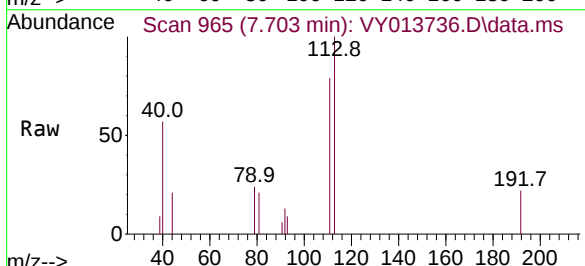
RT: 7.703 min Scan# 965

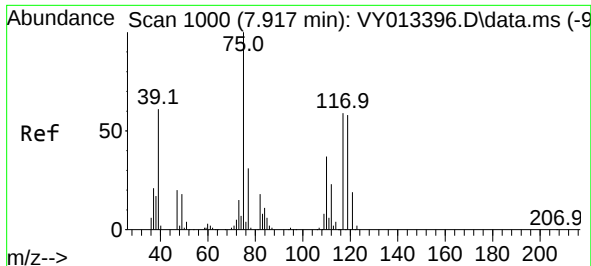
Delta R.T. -0.013 min

Lab File: VY013736.D

Acq: 15 May 2023 14:53

Tgt Ion:113	Resp:	2385
Ion	Ratio	Lower Upper
113	100	
111	99.0	82.2 123.2
192	21.9	16.7 25.1





#36

1,1-Dichloropropene

Concen: 3.958 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY013736.D

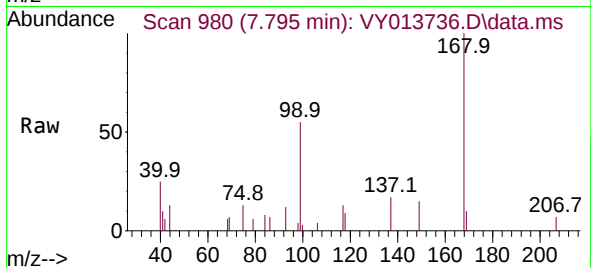
Acq: 15 May 2023 14:53

Instrument :

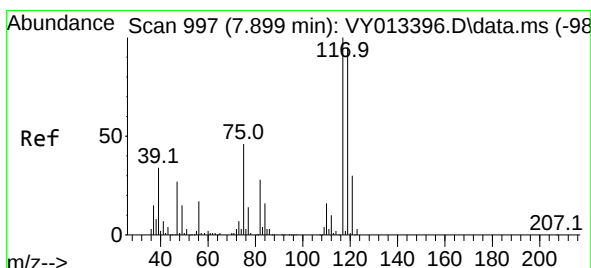
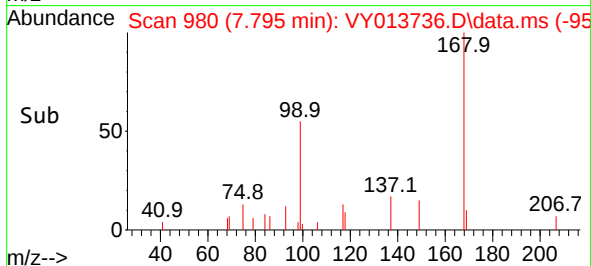
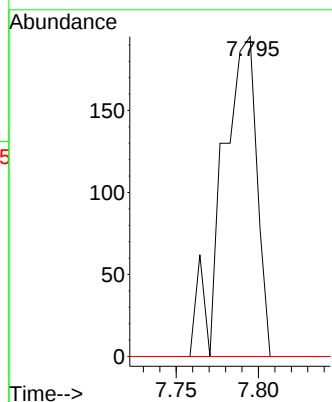
MSVOA_Y

ClientSampleId :

DRUM-A-SLUDGE



Tgt Ion: 75	Resp:	286
Ion Ratio	Lower	Upper
75	100	
110	0.0	18.7 56.1#
77	0.0	24.6 37.0#



#38

Carbon Tetrachloride

Concen: 7.342 ug/l

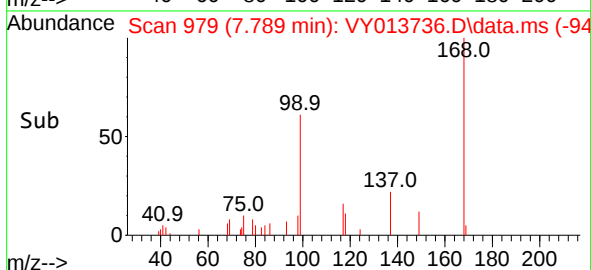
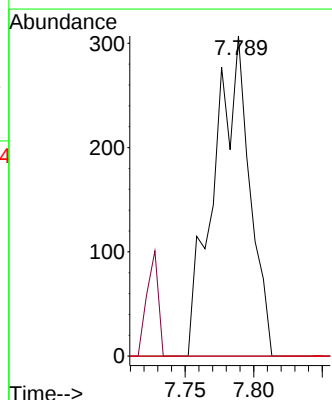
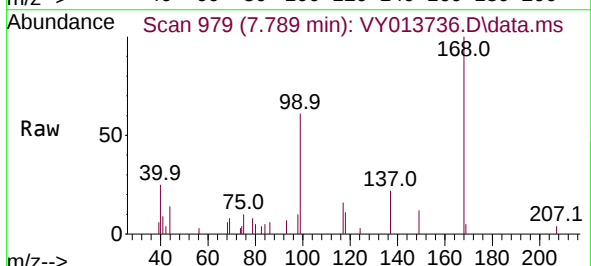
RT: 7.789 min Scan# 979

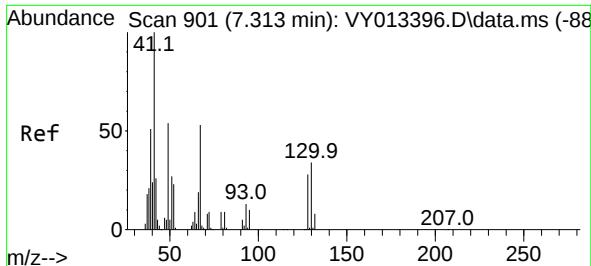
Delta R.T. -0.110 min

Lab File: VY013736.D

Acq: 15 May 2023 14:53

Tgt Ion: 117	Resp:	556
Ion Ratio	Lower	Upper
117	100	
119	0.0	79.0 118.6#
121	0.0	26.6 40.0#

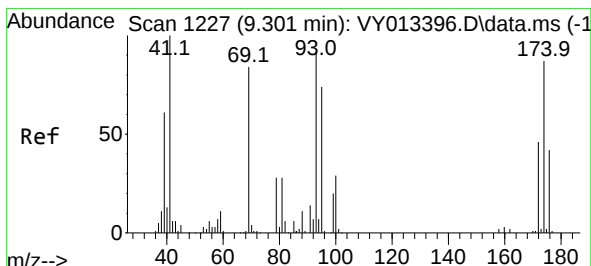
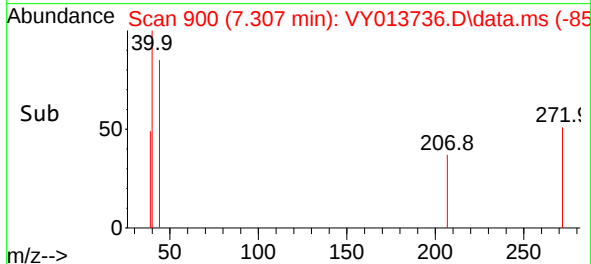
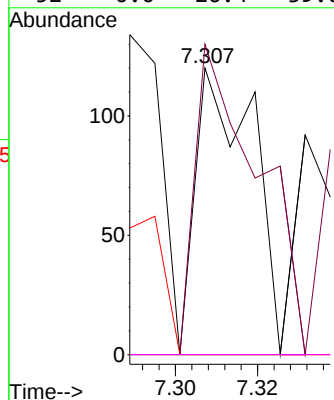
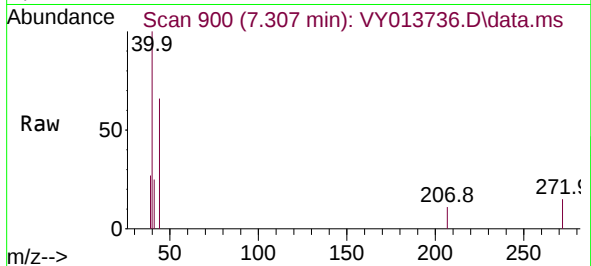




#41
Methacrylonitrile
Concen: 4.578 ug/l
RT: 7.307 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

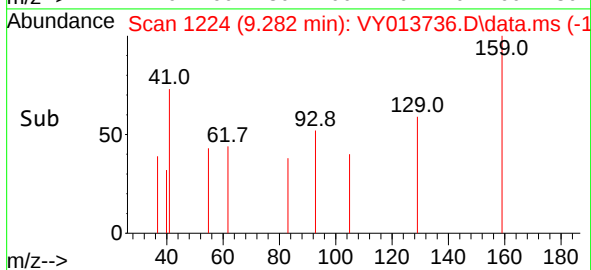
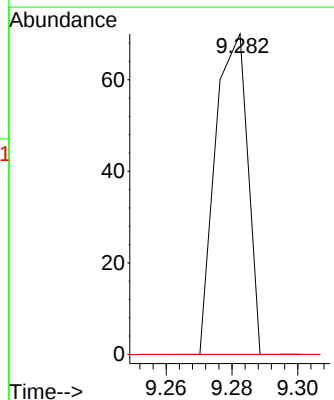
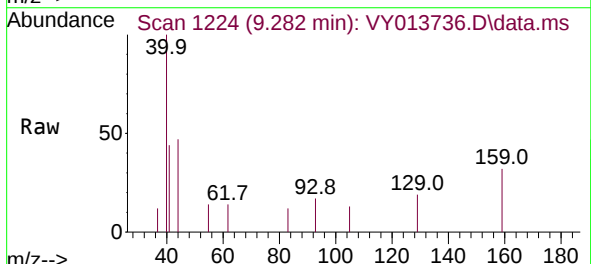
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

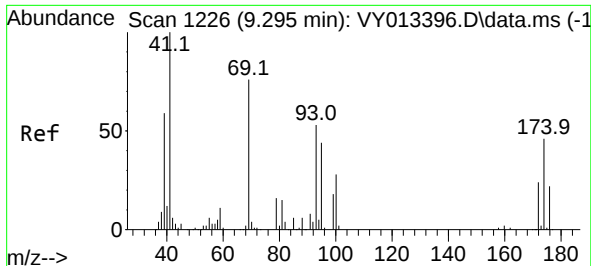
Tgt Ion:	41	Resp:	116
Ion	Ratio	Lower	Upper
41	100		
39	119.8	44.2	66.4#
67	35.3	62.9	94.3#
52	0.0	26.4	39.6#



#46
Dibromomethane
Concen: 1.507 ug/l
RT: 9.282 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

Tgt Ion:	93	Resp:	48
Ion	Ratio	Lower	Upper
93	100		
95	0.0	67.1	100.7#
174	0.0	87.0	130.4#

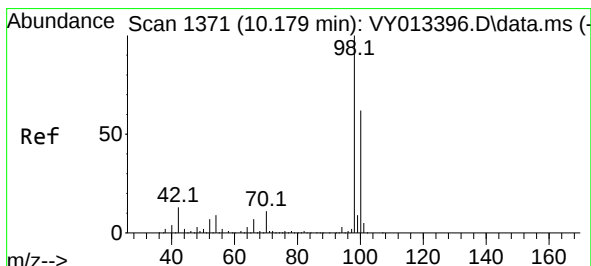
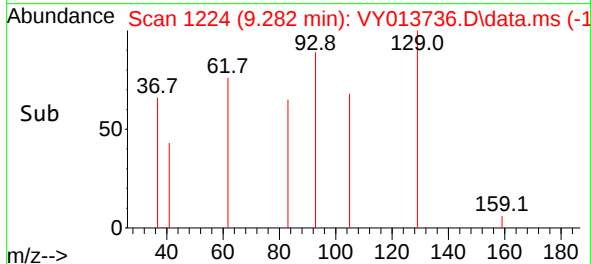
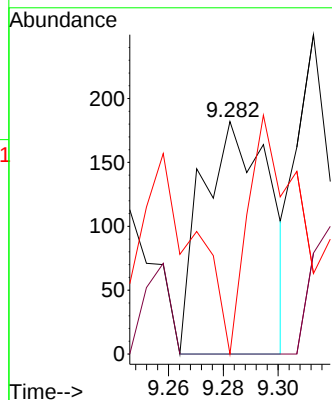
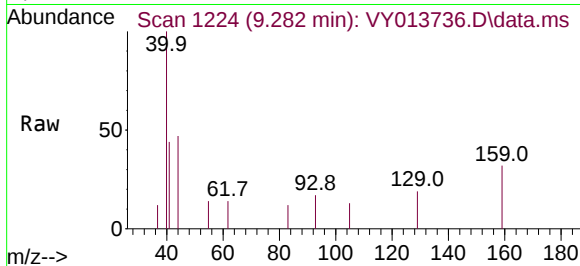




#48
Methyl methacrylate
Concen: 7.450 ug/l
RT: 9.282 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

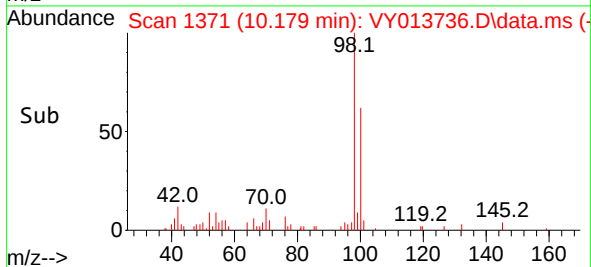
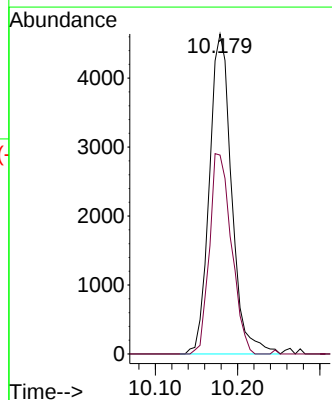
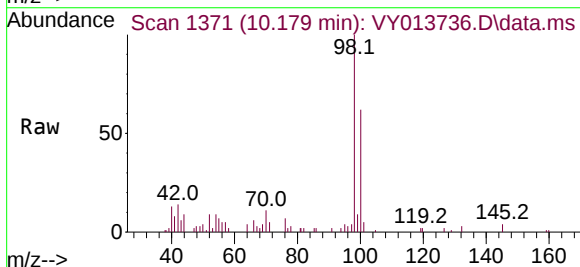
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

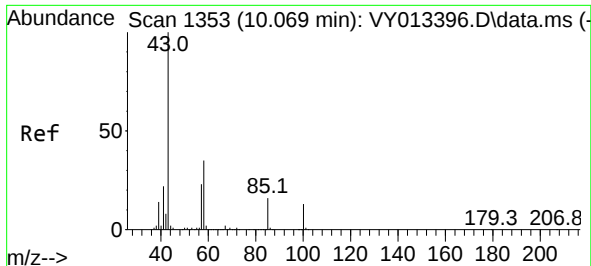
Tgt Ion: 41 Resp: 314
Ion Ratio Lower Upper
41 100
69 0.0 70.2 105.4#
39 83.4 47.9 71.9#



#50
Toluene-d8
Concen: 56.393 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

Tgt Ion: 98 Resp: 8734
Ion Ratio Lower Upper
98 100
100 61.6 50.5 75.7

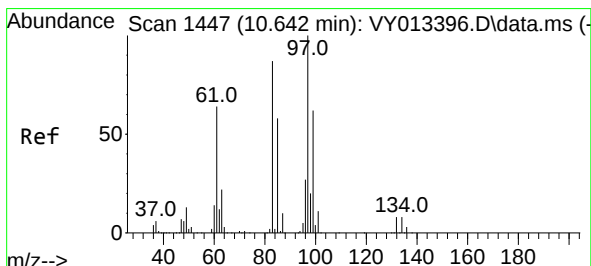
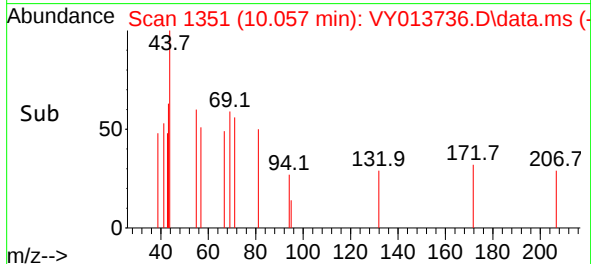
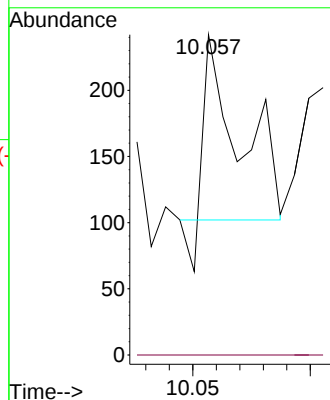
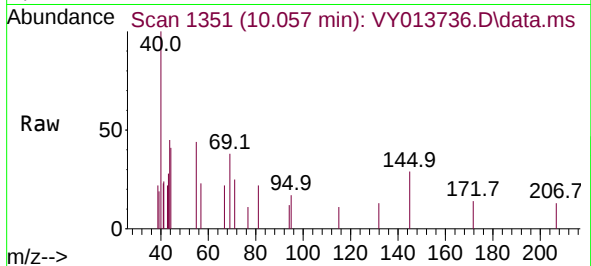




#51
4-Methyl-2-Pentanone
Concen: 2.659 ug/l
RT: 10.057 min Scan# 1351
Delta R.T. -0.012 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

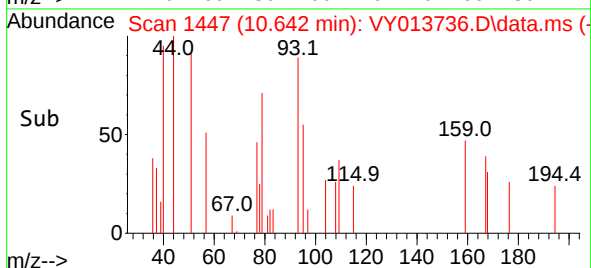
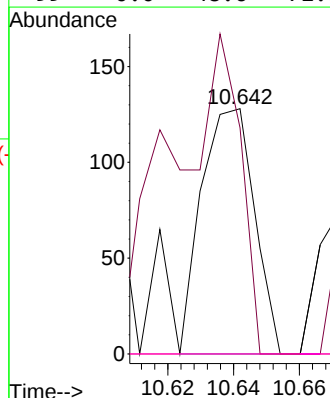
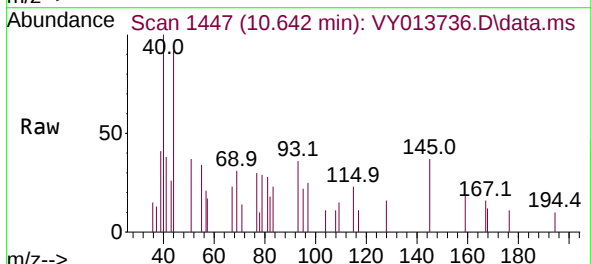
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

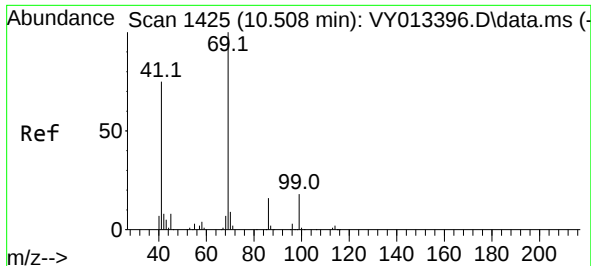
Tgt Ion: 43 Resp: 136
Ion Ratio Lower Upper
43 100
58 0.0 30.6 46.0#



#55
1,1,2-Trichloroethane
Concen: 3.415 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

Tgt Ion: 97 Resp: 144
Ion Ratio Lower Upper
97 100
83 92.2 66.4 99.6
85 0.0 45.6 68.4#
99 0.0 48.6 72.8#

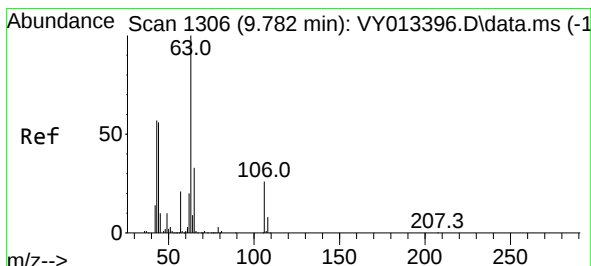
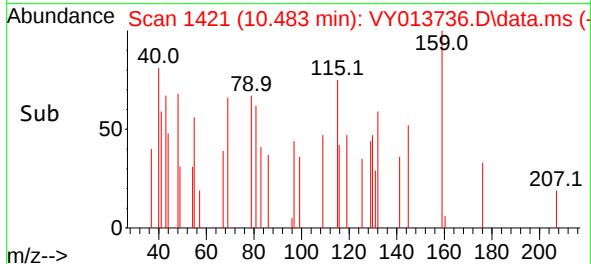
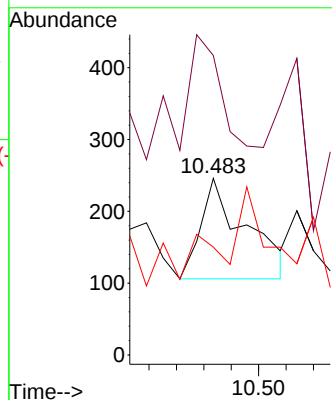
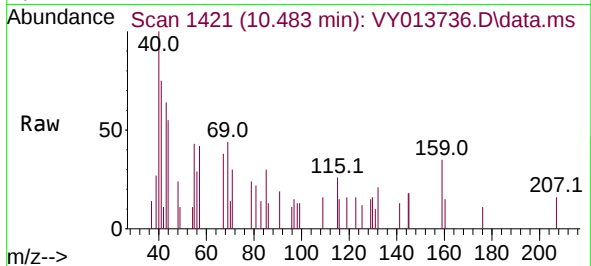




#56
Ethyl methacrylate
Concen: 2.735 ug/l
RT: 10.483 min Scan# 1425
Delta R.T. -0.025 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

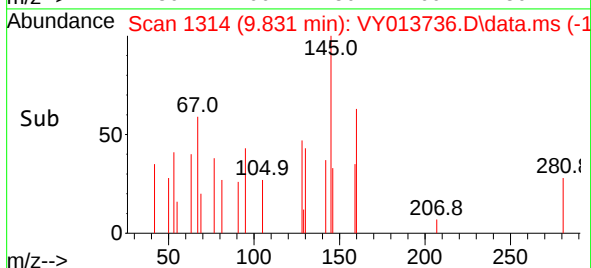
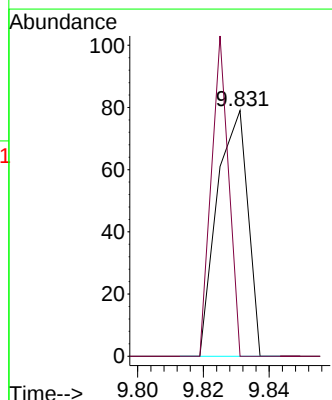
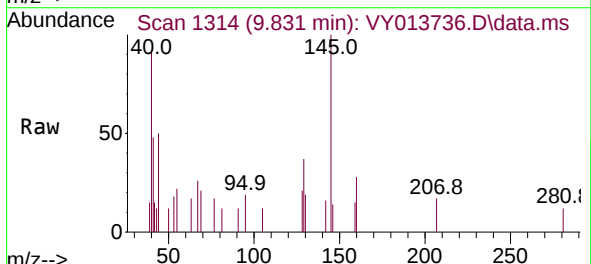
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

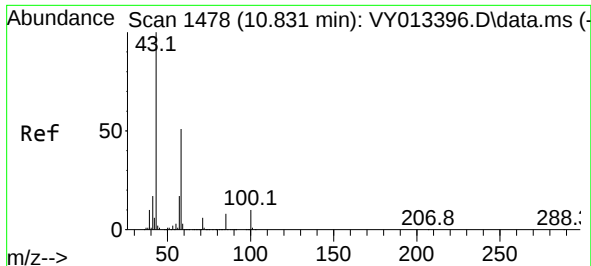
Tgt Ion: 69 Resp: 160
Ion Ratio Lower Upper
69 100
41 181.3 51.4 77.0#
39 372.5 29.0 43.6#



#58
2-Chloroethyl Vinyl ether
Concen: 2.325 ug/l
RT: 9.831 min Scan# 1314
Delta R.T. 0.049 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

Tgt Ion: 63 Resp: 51
Ion Ratio Lower Upper
63 100
106 74.5 23.5 35.3#

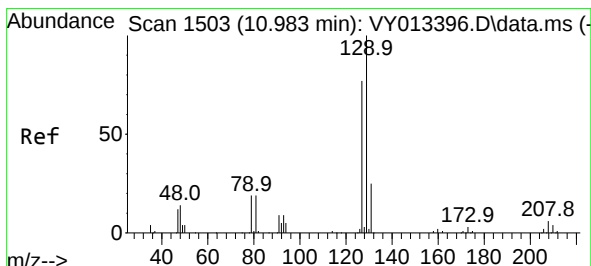
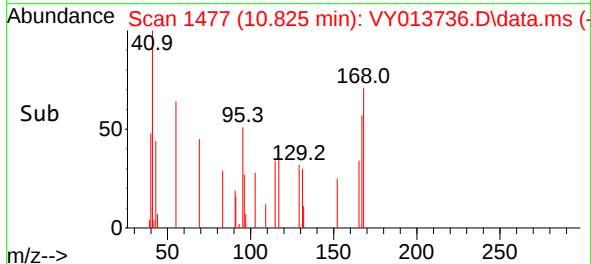
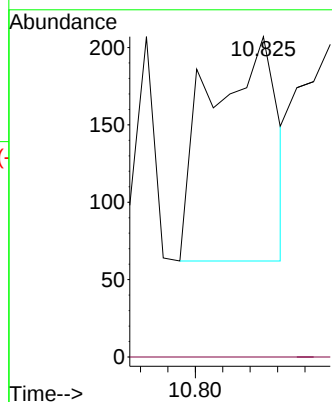
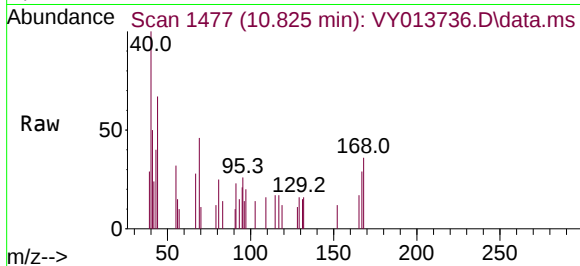




#59
2-Hexanone
Concen: 6.644 ug/l
RT: 10.825 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

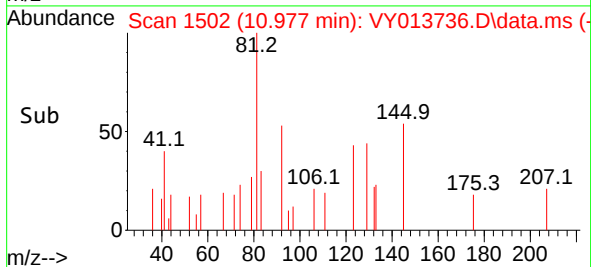
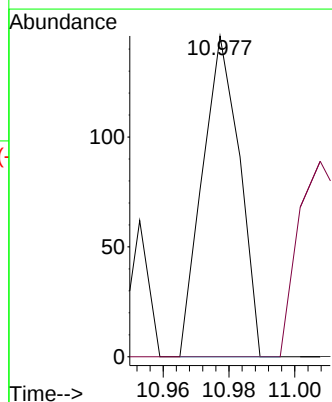
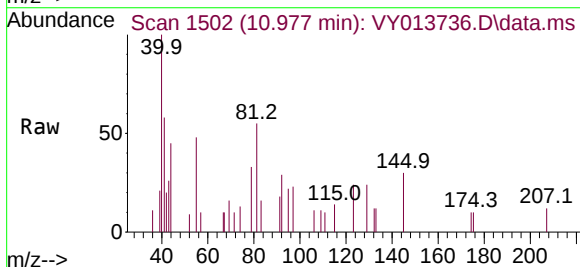
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

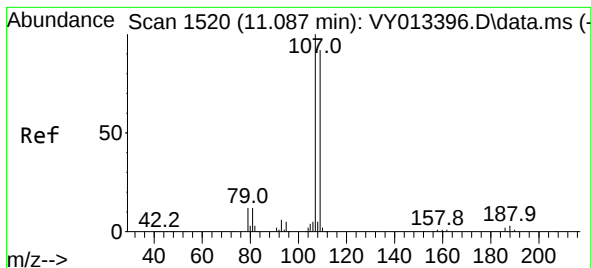
Tgt Ion: 43 Resp: 247
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.8#



#60
Dibromochloromethane
Concen: 2.227 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

Tgt Ion: 129 Resp: 114
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

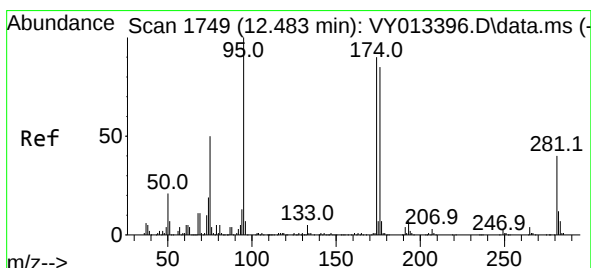
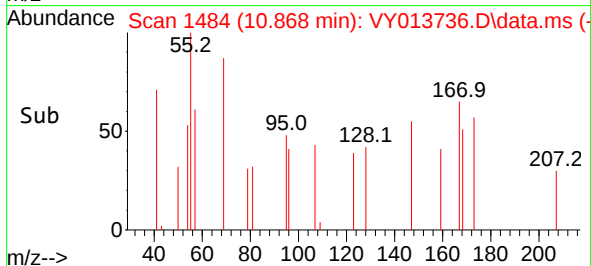
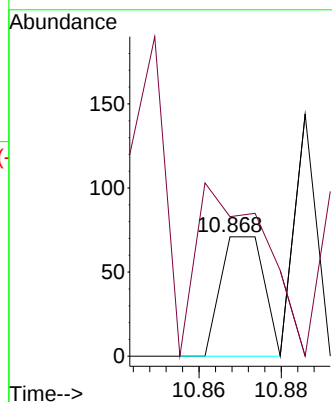
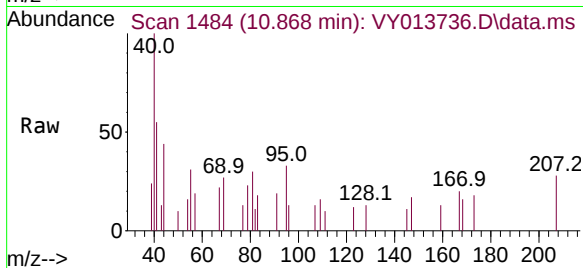




#61
1,2-Dibromoethane
Concen: 1.254 ug/l
RT: 10.868 min Scan# 14
Delta R.T. -0.219 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

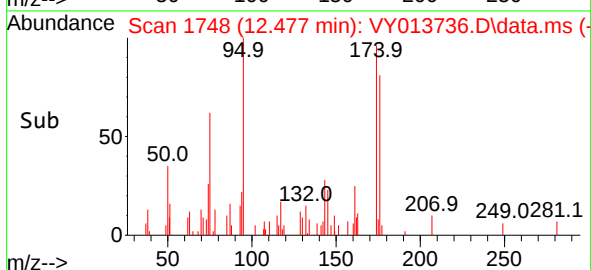
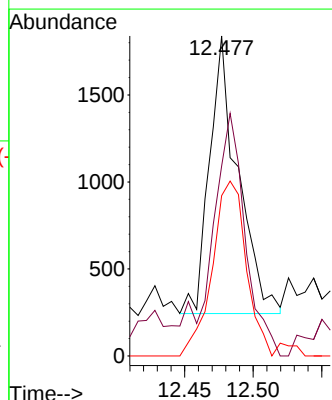
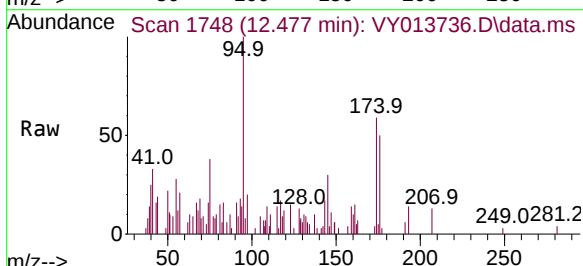
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

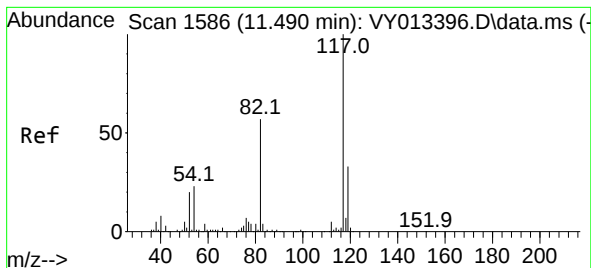
Tgt Ion:107 Resp: 52
Ion Ratio Lower Upper
107 100
109 96.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 44.089 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

Tgt Ion: 95 Resp: 2302
Ion Ratio Lower Upper
95 100
174 100.9 0.0 182.0
176 74.9 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013736.D

Acq: 15 May 2023 14:53

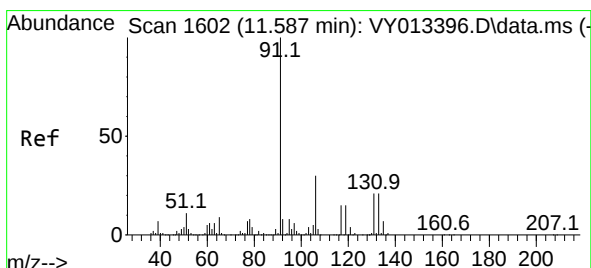
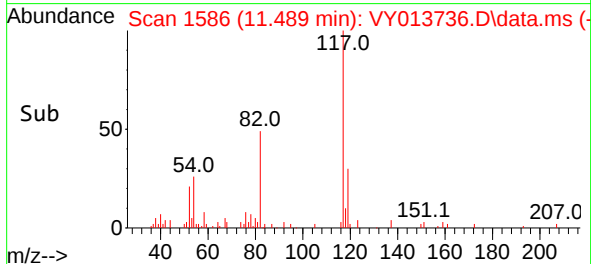
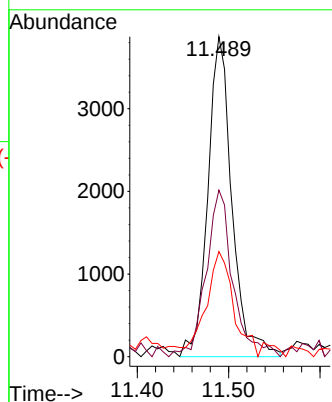
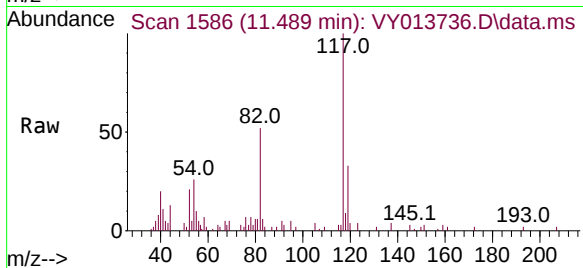
Instrument :

MSVOA_Y

ClientSampleId :

DRUM-A-SLUDGE

Tgt Ion:	117	Resp:	7102
Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.0	64.6
119	30.9	25.5	38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 3.664 ug/l

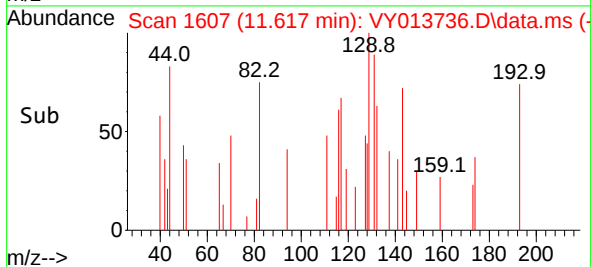
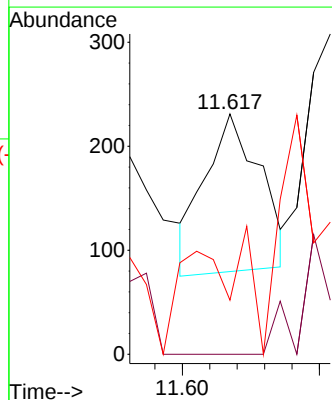
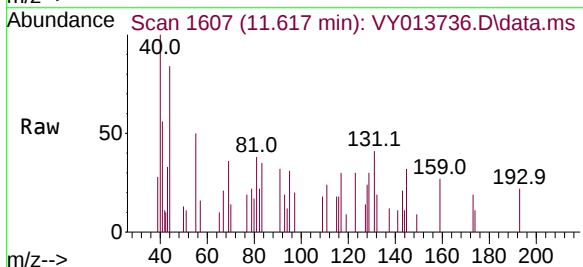
RT: 11.617 min Scan# 1607

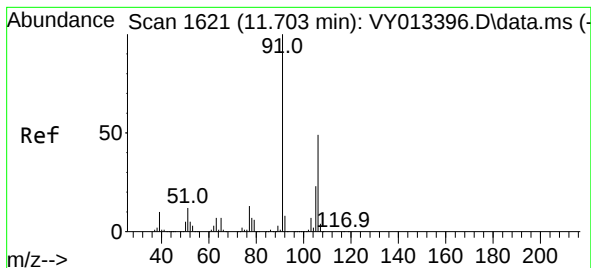
Delta R.T. 0.030 min

Lab File: VY013736.D

Acq: 15 May 2023 14:53

Tgt Ion:	131	Resp:	212
Ion	Ratio	Lower	Upper
131	100		
133	0.0	47.7	143.1#
119	57.1	32.6	98.0

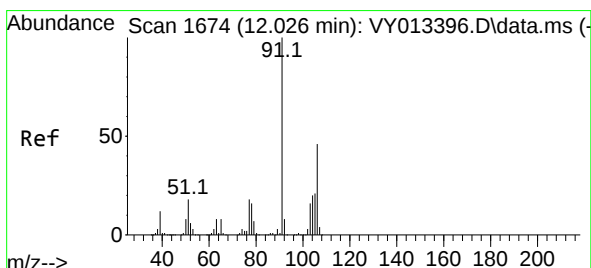
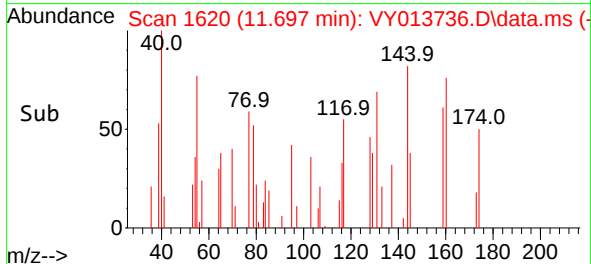
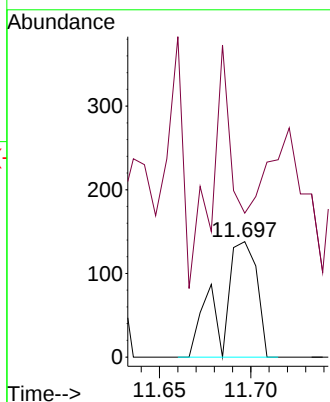
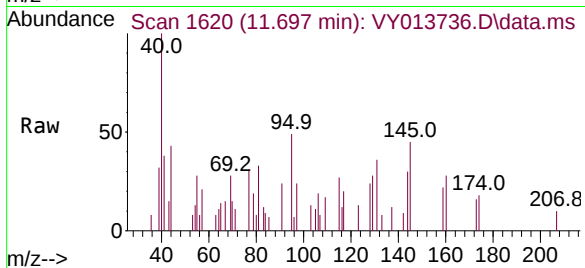




#68
m/p-Xylenes
Concen: 1.830 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

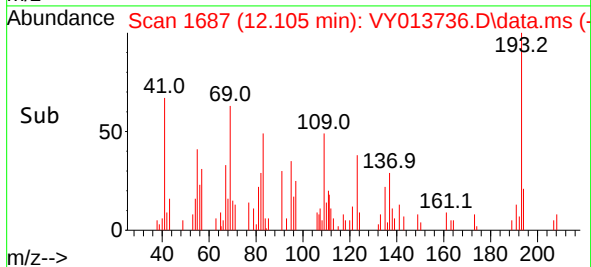
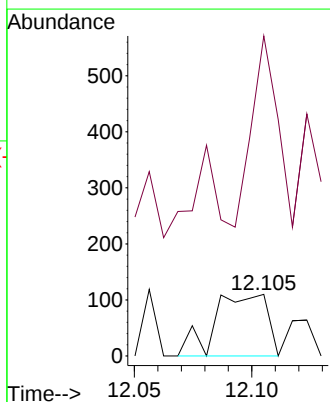
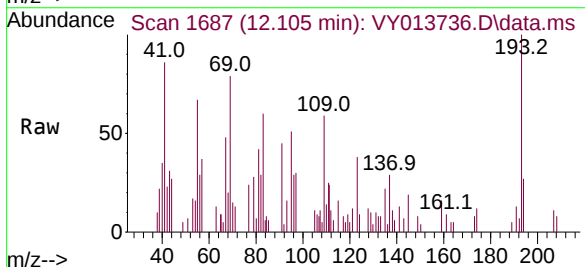
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

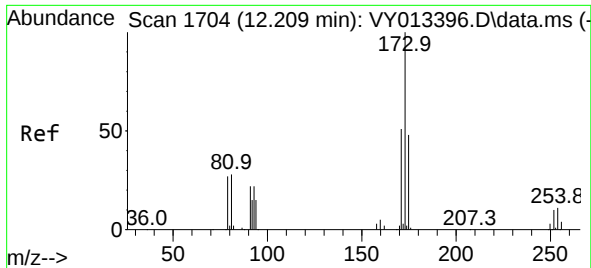
Tgt Ion:106 Resp: 189
Ion Ratio Lower Upper
106 100
91 57.1 160.9 241.3#



#69
o-Xylene
Concen: 1.771 ug/l
RT: 12.105 min Scan# 1687
Delta R.T. 0.079 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

Tgt Ion:106 Resp: 173
Ion Ratio Lower Upper
106 100
91 146.2 105.5 316.4

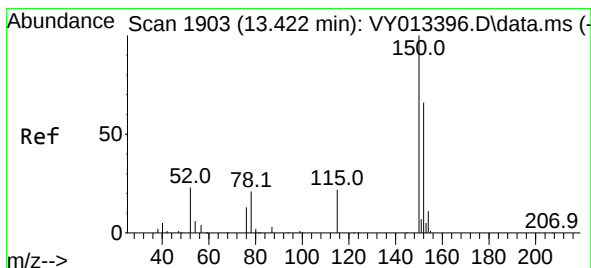
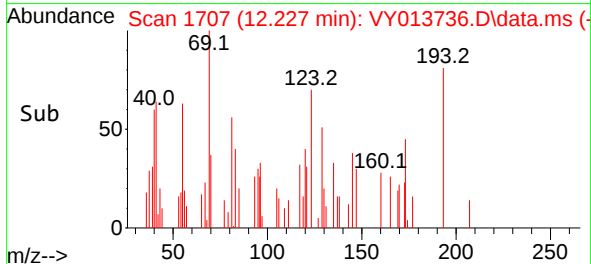
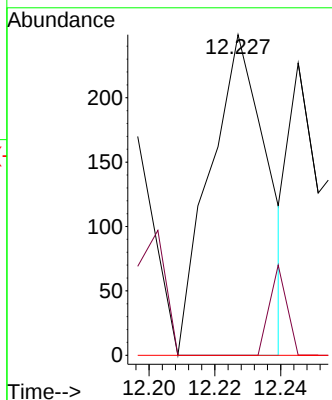
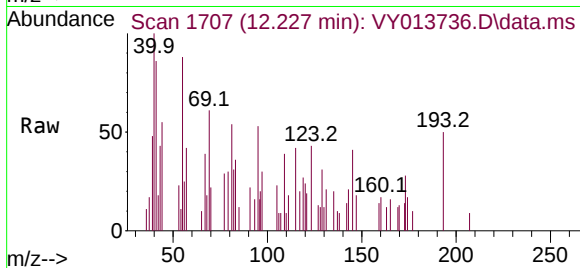




#71
Bromoform
Concen: 7.476 ug/l
RT: 12.227 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

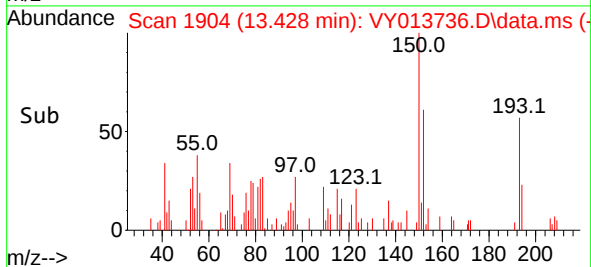
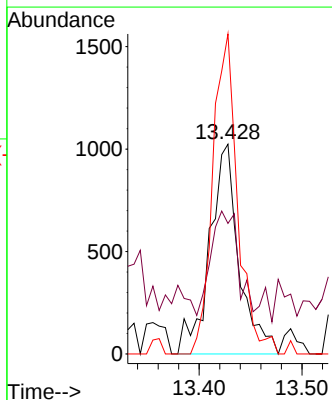
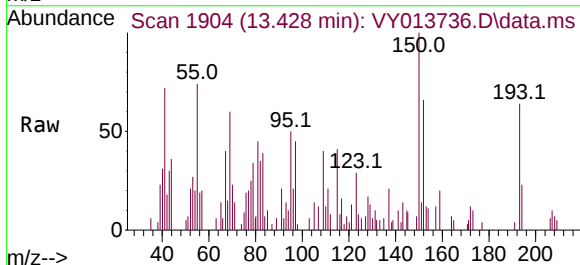
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

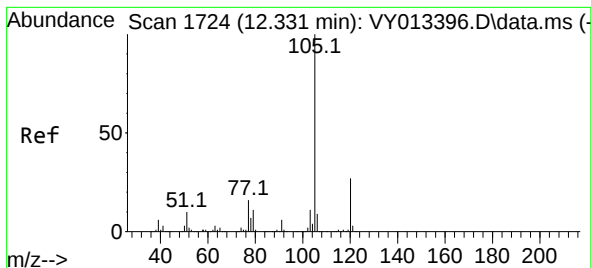
Tgt Ion:173 Resp: 303
Ion Ratio Lower Upper
173 100
175 8.6 24.3 72.8#
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

Tgt Ion:152 Resp: 2030
Ion Ratio Lower Upper
152 100
115 46.0 28.1 84.2
150 129.6 0.0 352.0





#73

Isopropylbenzene

Concen: 1.661 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY013736.D

Acq: 15 May 2023 14:53

Instrument :

MSVOA_Y

ClientSampleId :

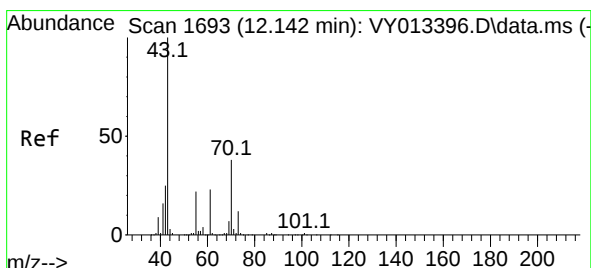
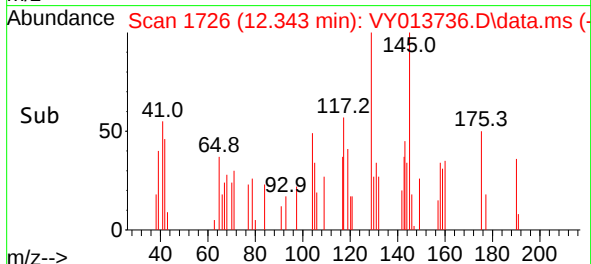
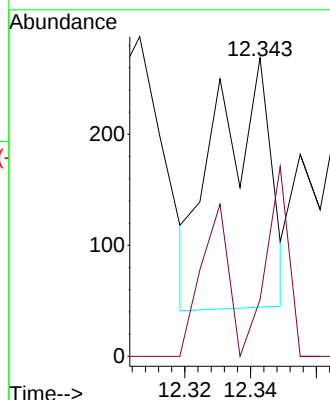
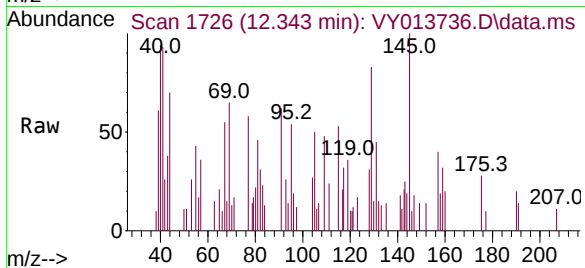
DRUM-A-SLUDGE

Tgt Ion:105 Resp: 255

Ion Ratio Lower Upper

105 100

120 31.8 13.7 41.0



#74

N-ethyl acetate

Concen: 8.053 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.018 min

Lab File: VY013736.D

Acq: 15 May 2023 14:53

Tgt Ion: 43 Resp: 440

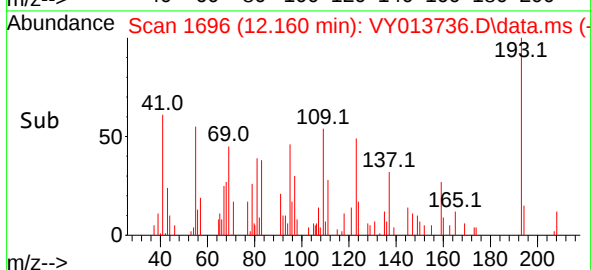
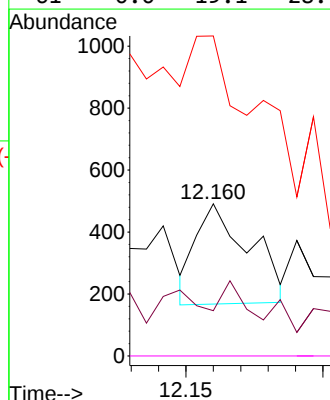
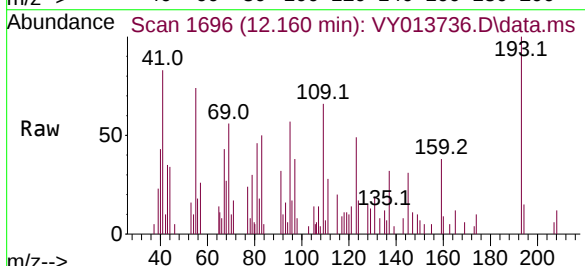
Ion Ratio Lower Upper

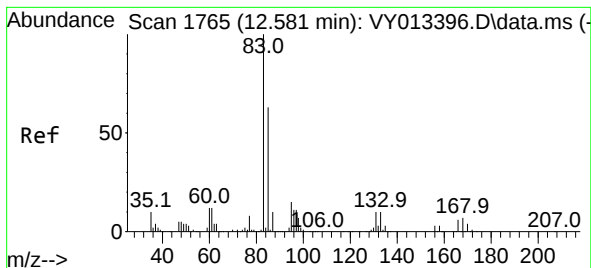
43 100

70 24.1 33.0 49.4#

55 0.0 19.8 29.6#

61 0.0 19.1 28.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 4.183 ug/l

RT: 12.575 min Scan# 1760

Delta R.T. -0.006 min

Lab File: VY013736.D

Acq: 15 May 2023 14:53

Instrument :

MSVOA_Y

ClientSampleId :

DRUM-A-SLUDGE

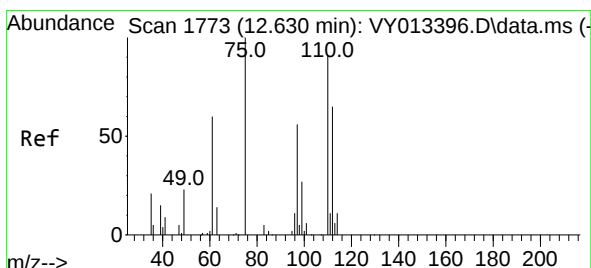
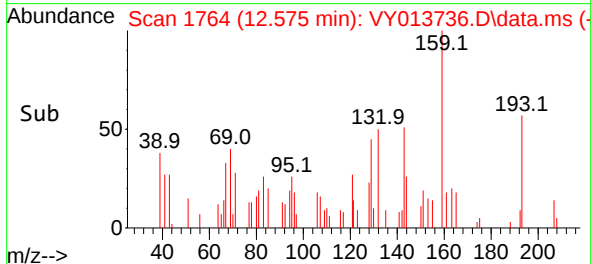
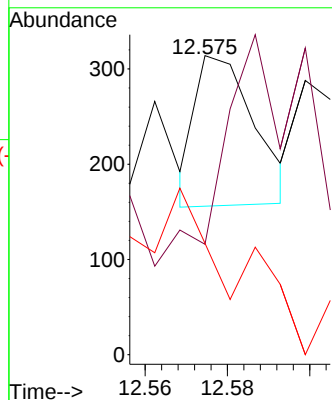
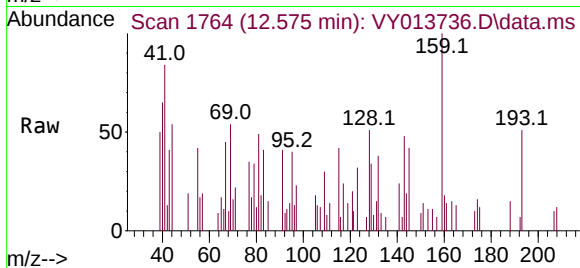
Tgt Ion: 83 Resp: 157

Ion Ratio Lower Upper

83 100

131 366.2 5.7 17.0#

85 226.8 31.8 95.4#



#76

1,2,3-Trichloropropane

Concen: 2.192 ug/l

RT: 12.550 min Scan# 1760

Delta R.T. -0.079 min

Lab File: VY013736.D

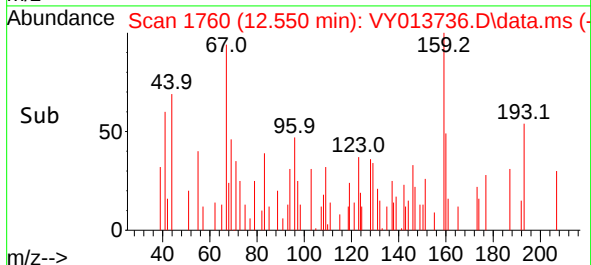
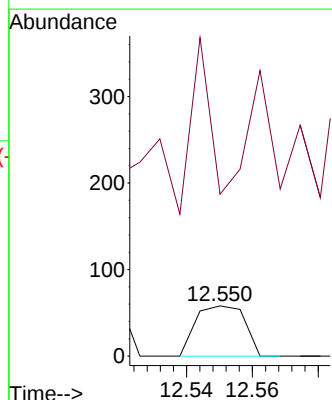
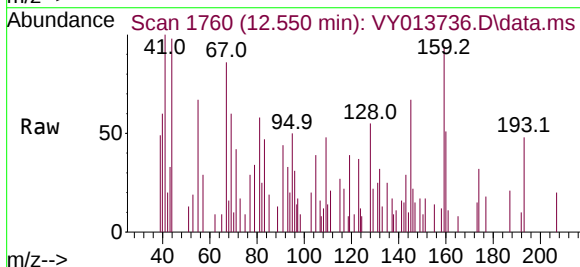
Acq: 15 May 2023 14:53

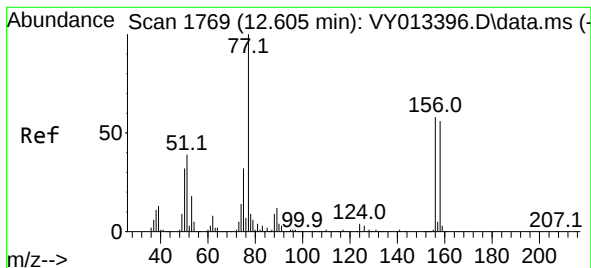
Tgt Ion: 75 Resp: 60

Ion Ratio Lower Upper

75 100

77 170.0 0.0 0.0#





#77

Bromobenzene

Concen: 1.290 ug/l

RT: 12.599 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY013736.D

Acq: 15 May 2023 14:53

Instrument :

MSVOA_Y

ClientSampleId :

DRUM-A-SLUDGE

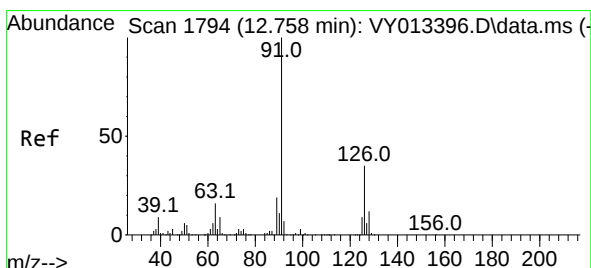
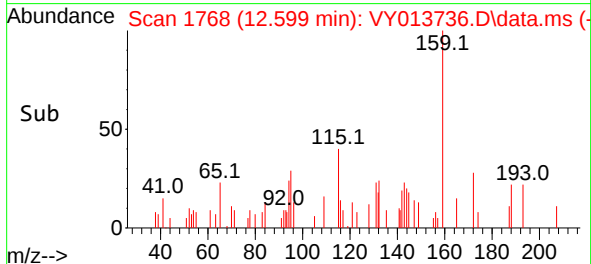
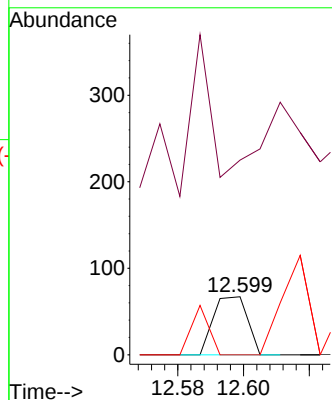
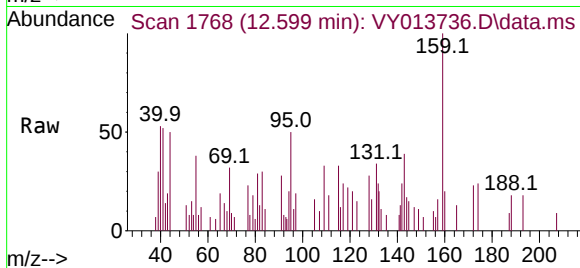
Tgt Ion:156 Resp: 48

Ion Ratio Lower Upper

156 100

77 191.7 87.6 262.9

158 43.8 48.5 145.5#



#79

2-Chlorotoluene

Concen: 1.326 ug/l

RT: 12.855 min Scan# 1810

Delta R.T. 0.098 min

Lab File: VY013736.D

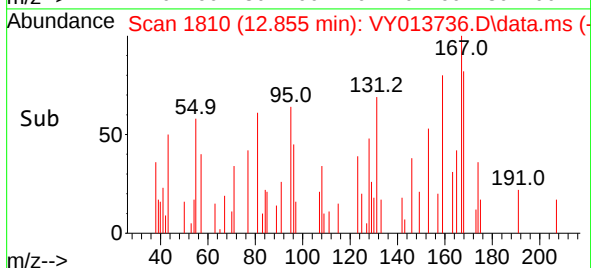
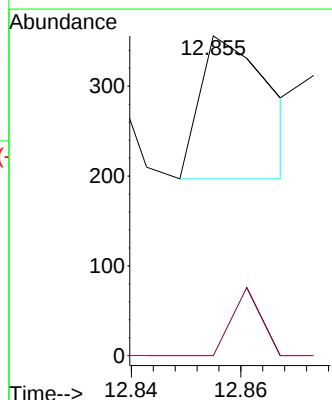
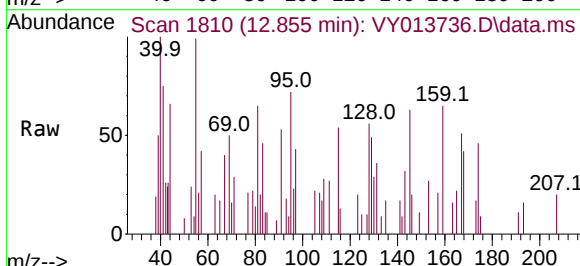
Acq: 15 May 2023 14:53

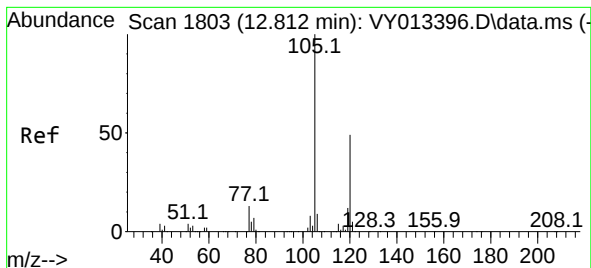
Tgt Ion: 91 Resp: 140

Ion Ratio Lower Upper

91 100

126 20.0 17.8 53.4





#80

1,3,5-Trimethylbenzene

Concen: 1.013 ug/l

RT: 12.806 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013736.D

Acq: 15 May 2023 14:53

Instrument :

MSVOA_Y

ClientSampleId :

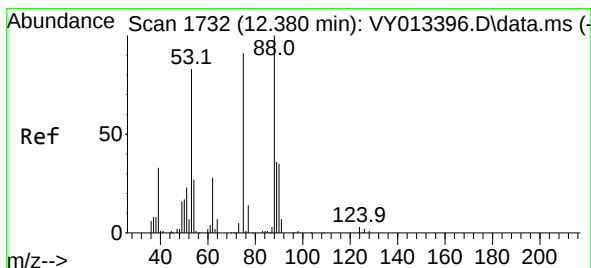
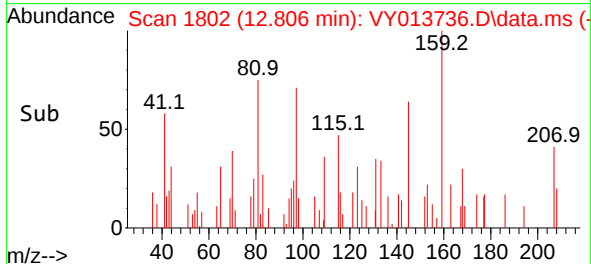
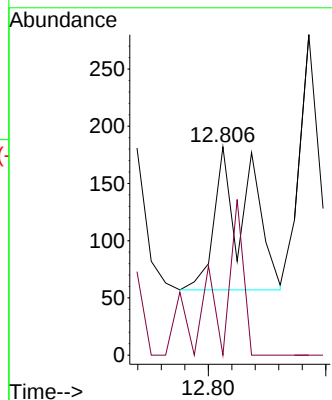
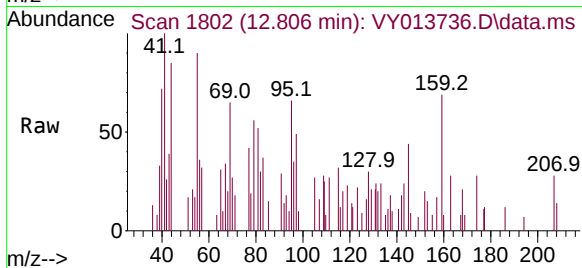
DRUM-A-SLUDGE

Tgt Ion:105 Resp: 127

Ion Ratio Lower Upper

105 100

120 61.4 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 3.586 ug/l

RT: 12.361 min Scan# 1729

Delta R.T. -0.018 min

Lab File: VY013736.D

Acq: 15 May 2023 14:53

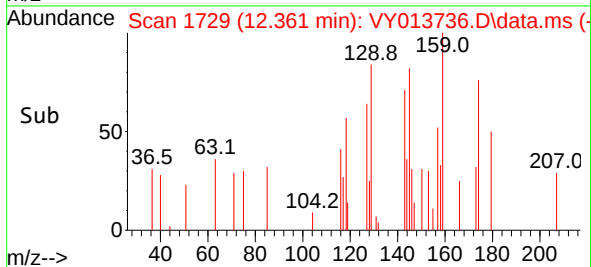
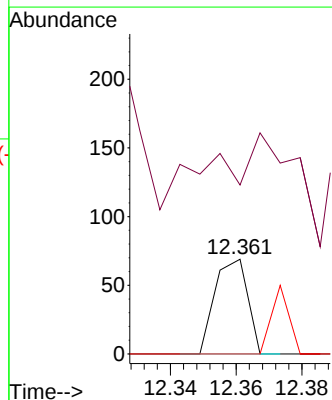
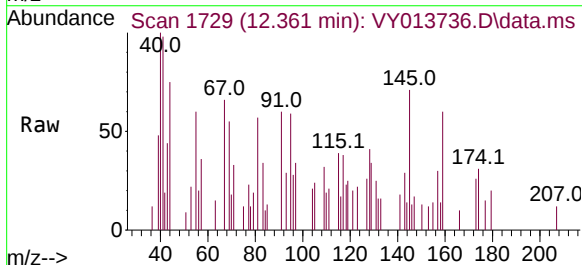
Tgt Ion: 75 Resp: 48

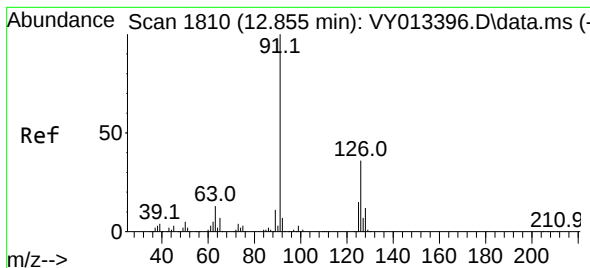
Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 37.5 38.0 57.0#

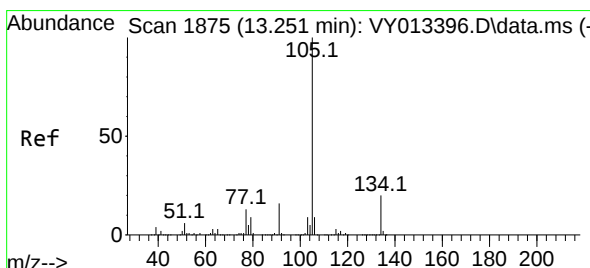
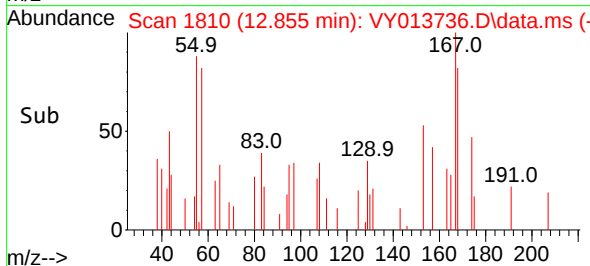
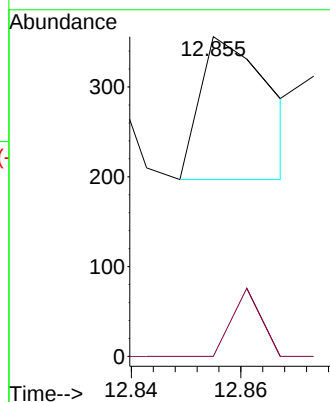
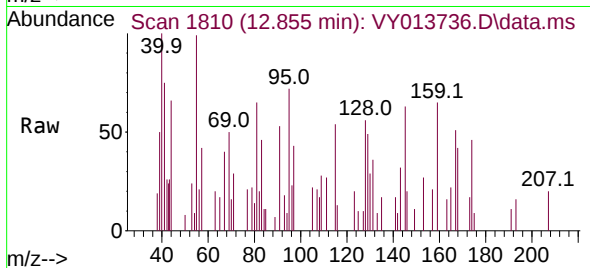




#82
4-Chlorotoluene
Concen: 1.272 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

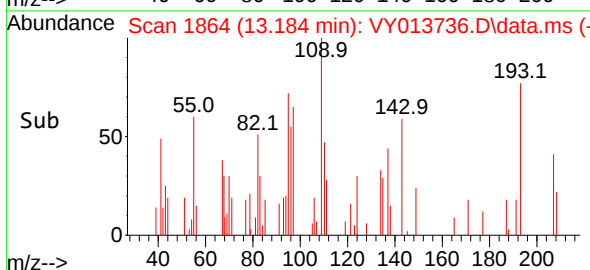
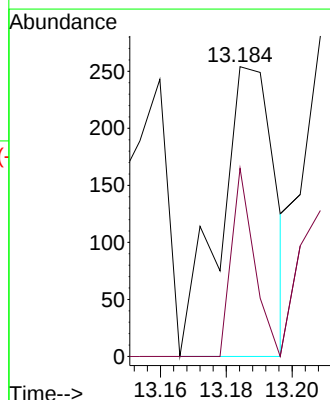
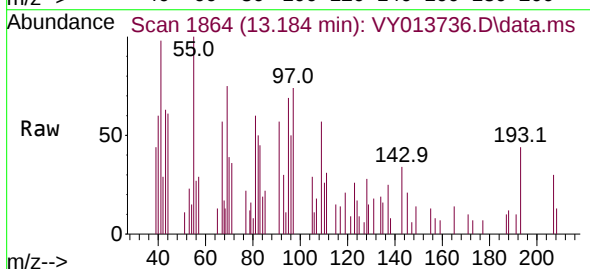
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

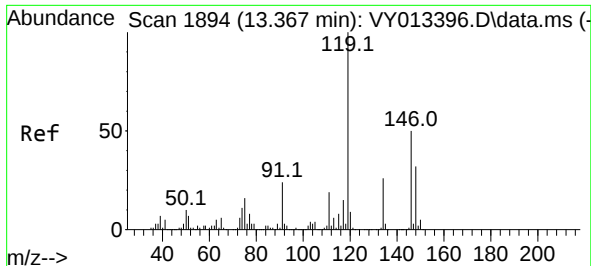
Tgt Ion: 91 Resp: 140
Ion Ratio Lower Upper
91 100
126 20.0 17.9 53.8



#85
sec-Butylbenzene
Concen: 1.835 ug/l
RT: 13.184 min Scan# 1864
Delta R.T. -0.067 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

Tgt Ion: 105 Resp: 299
Ion Ratio Lower Upper
105 100
134 26.4 10.3 30.9

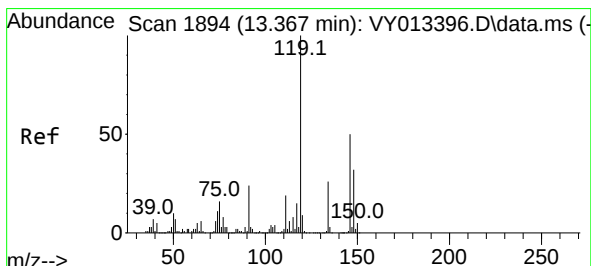
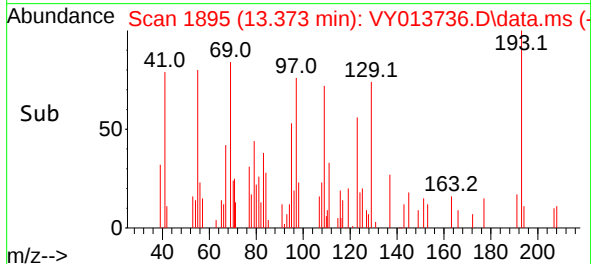
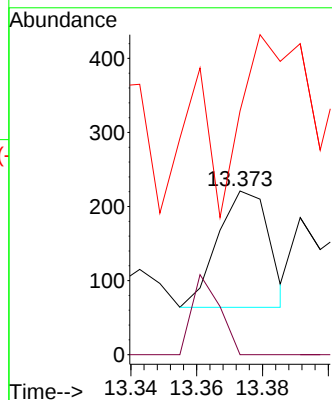
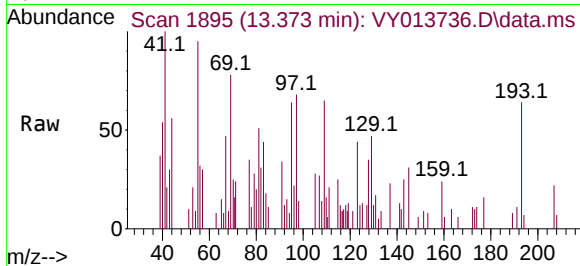




#86
p-Isopropyltoluene
Concen: 1.297 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

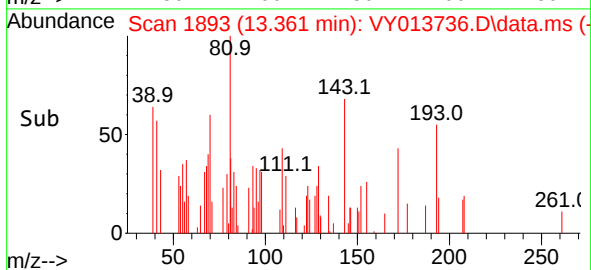
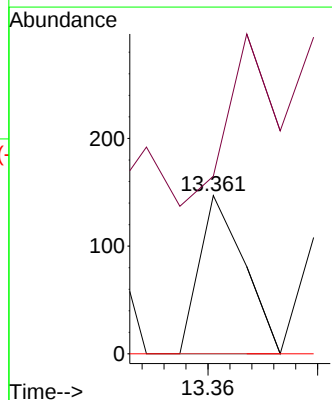
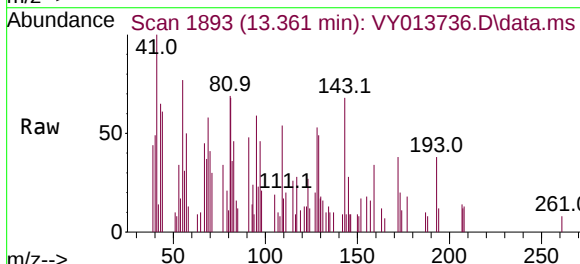
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

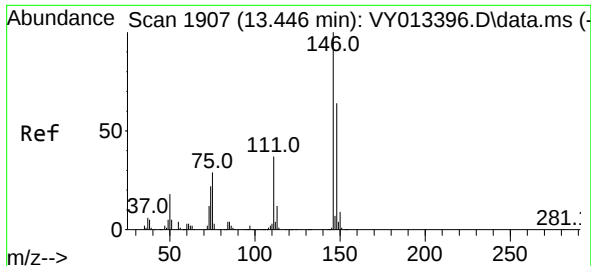
Tgt Ion:119 Resp: 170
Ion Ratio Lower Upper
119 100
134 0.0 13.4 40.2#
91 199.4 12.1 36.3#



#87
1,3-Dichlorobenzene
Concen: 1.171 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

Tgt Ion:146 Resp: 83
Ion Ratio Lower Upper
146 100
111 0.0 19.3 57.9#
148 0.0 31.9 95.7#

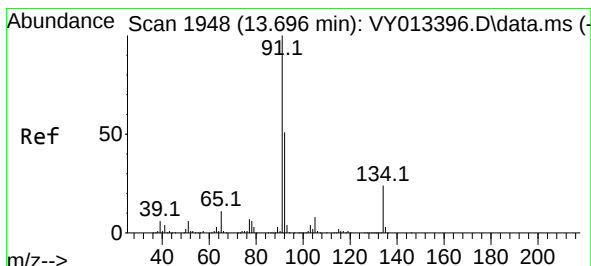
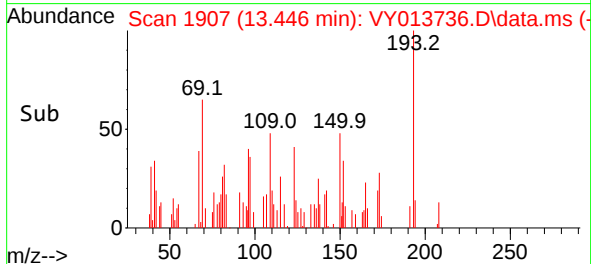
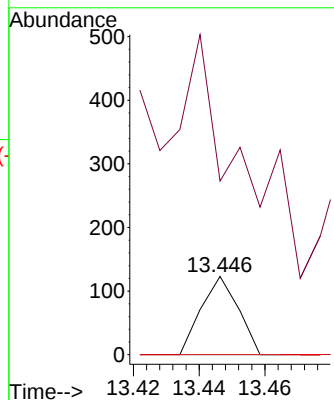
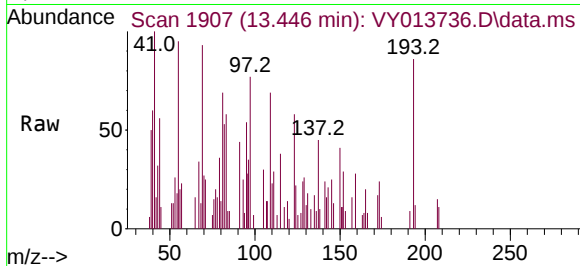




#88
1,4-Dichlorobenzene
Concen: 1.341 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

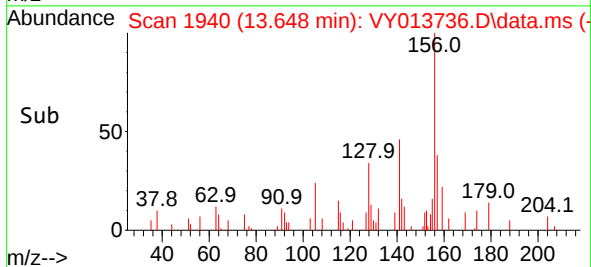
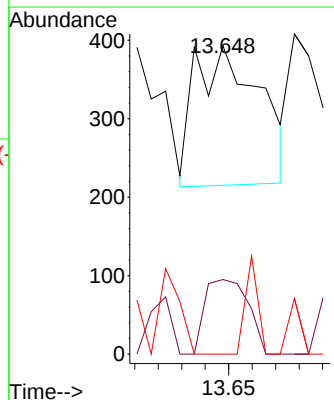
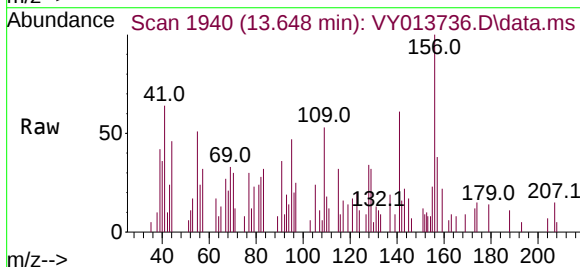
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

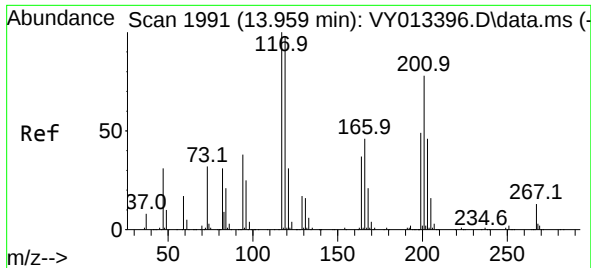
Tgt Ion:	146	Resp:	96
Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.9	56.5#
148	0.0	31.9	95.5#



#89
n-Butylbenzene
Concen: 2.635 ug/l
RT: 13.648 min Scan# 1940
Delta R.T. -0.048 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

Tgt Ion:	91	Resp:	337
Ion	Ratio	Lower	Upper
91	100		
92	36.2	25.8	77.3
134	13.6	13.5	40.4

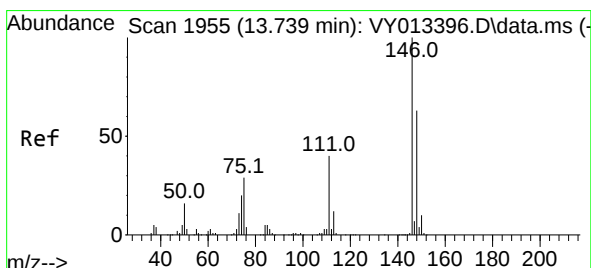
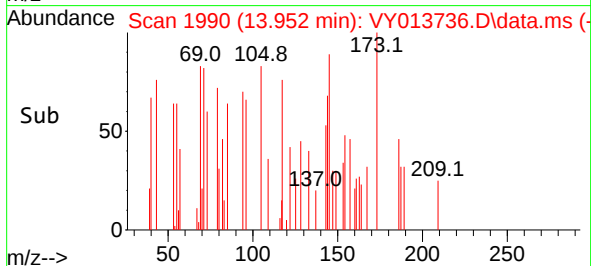
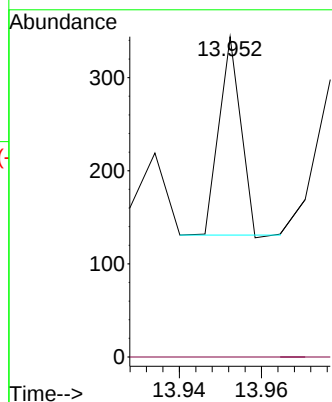
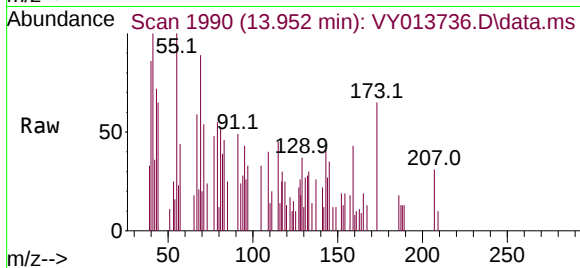




#90
Hexachloroethane
Concen: 2.828 ug/l
RT: 13.952 min Scan# 1990
Delta R.T. -0.006 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

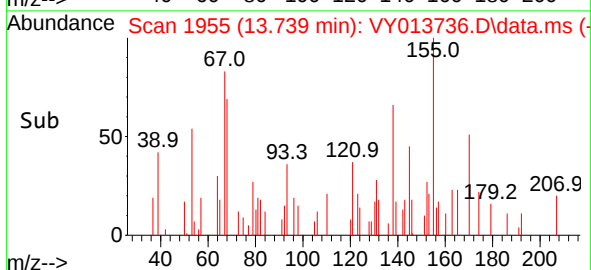
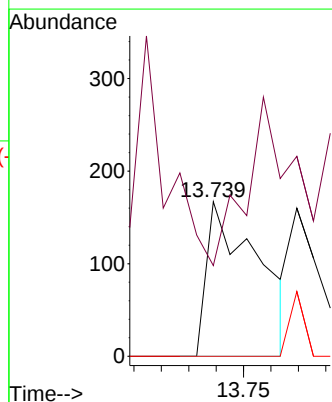
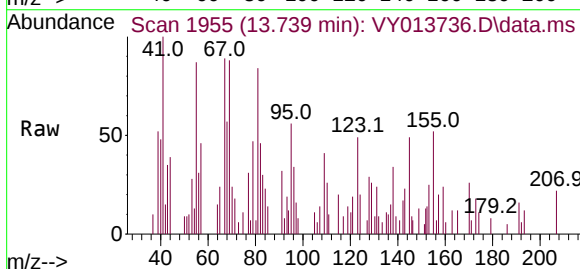
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

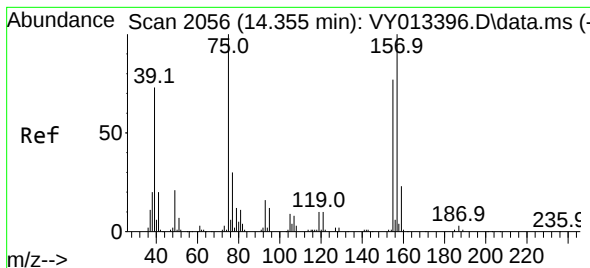
Tgt Ion:117 Resp: 78
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#



#91
1,2-Dichlorobenzene
Concen: 3.343 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

Tgt Ion:146 Resp: 214
Ion Ratio Lower Upper
146 100
111 0.0 19.8 59.4#
148 0.0 31.8 95.4#

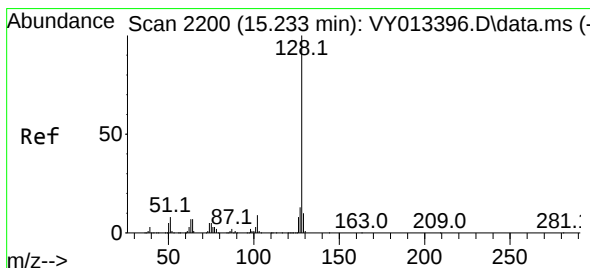
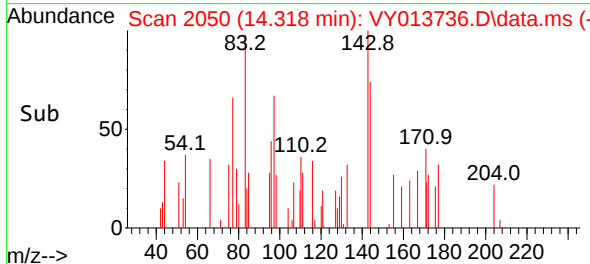
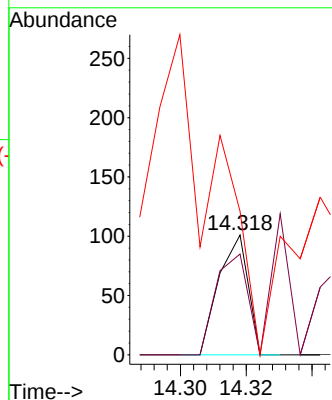
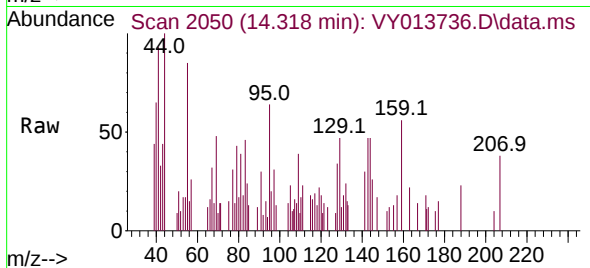




#92
1,2-Dibromo-3-Chloropropane
Concen: 9.354 ug/l
RT: 14.318 min Scan# 2050
Delta R.T. -0.037 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

Tgt Ion: 75 Resp: 62
Ion Ratio Lower Upper
75 100
155 91.9 44.6 134.0
157 516.1 57.6 172.7#



#95
Naphthalene
Concen: 3.454 ug/l
RT: 15.208 min Scan# 2196
Delta R.T. -0.025 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

Tgt Ion: 128 Resp: 286
Ion Ratio Lower Upper
128 100
127 52.1 10.7 16.1#
129 0.0 8.8 13.2#

