

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073886.D
 Acq On : 20 Jul 2022 18:36
 Operator : VA/SY
 Sample : N3763-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRE-1279-SLUDGE

Quant Time: Jul 21 01:11:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	98098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	204294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	141426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	34843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	70714	60.367	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.740%
35) Dibromofluoromethane	7.908	113	73919	51.288	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.580%
50) Toluene-d8	10.326	98	211428	40.410	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.820%
62) 4-Bromofluorobenzene	12.620	95	60268	33.503	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	37222	41.206	ug/l	99
3) Chloromethane	2.209	50	1621	Below Cal	#	83
6) Chloroethane	2.915	64	19325	12.681	ug/l	93
11) Tert butyl alcohol	5.238	59	4502	39.609	ug/l	98
12) 1,1-Dichloroethene	4.056	96	2811	2.820	ug/l	98
13) Acrolein	3.862	56	60	1.103	ug/l	# 1
16) Acetone	4.156	43	26049	135.520	ug/l	90
17) Carbon Disulfide	4.391	76	25758	8.086	ug/l	96
18) Methyl Acetate	4.726	43	339	Below Cal	#	55
19) Methyl tert-butyl Ether	5.473	73	2636	1.104	ug/l	# 1
20) Methylene Chloride	4.956	84	16456	Below Cal		89
21) trans-1,2-Dichloroethene	5.473	96	1384	1.174	ug/l	# 71
22) Diisopropyl ether	6.362	45	3543	1.144	ug/l	# 13
25) 2-Butanone	7.209	43	16241	59.530	ug/l	91
26) 2,2-Dichloropropane	7.191	77	2810	1.547	ug/l	# 54
27) cis-1,2-Dichloroethene	7.203	96	3196	2.409	ug/l	93
29) Tetrahydrofuran	7.561	42	722	4.364	ug/l	# 38
31) Cyclohexane	7.950	56	83354	44.783	ug/l	# 55
36) 1,1-Dichloropropene	7.967	75	8966	4.312	ug/l	# 52
37) Ethyl Acetate	7.209	43	16241	21.723	ug/l	# 64
38) Carbon Tetrachloride	7.973	117	10271	4.326	ug/l	# 17
39) Methylcyclohexane	9.344	83	72226	29.801	ug/l	95
40) Benzene	8.344	78	96123	16.992	ug/l	99
41) Methacrylonitrile	7.556	41	710	1.528	ug/l	# 41
43) Isopropyl Acetate	8.438	43	34491	23.085	ug/l	# 54
44) Trichloroethene	9.103	130	8691	5.505	ug/l	99
48) Methyl methacrylate	9.391	41	6047	8.255	ug/l	# 49
49) 1,4-Dioxane	9.467	88	60	6.914	ug/l	# 21
51) 4-Methyl-2-Pentanone	10.220	43	126195	168.952	ug/l	96
52) Toluene	10.391	92	1368472	359.446	ug/l	97
53) t-1,3-Dichloropropene	10.391	75	16482	8.694	ug/l	# 1
55) 1,1,2-Trichloroethane	10.767	97	29792	28.240	ug/l	# 20
56) Ethyl methacrylate	10.661	69	5028	4.117	ug/l	# 15
59) 2-Hexanone	10.944	43	26929	52.763	ug/l	# 27
60) Dibromochloromethane	10.861	129	5082	3.556	ug/l	# 10
64) Tetrachloroethene	10.867	164	5732	6.077	ug/l	87

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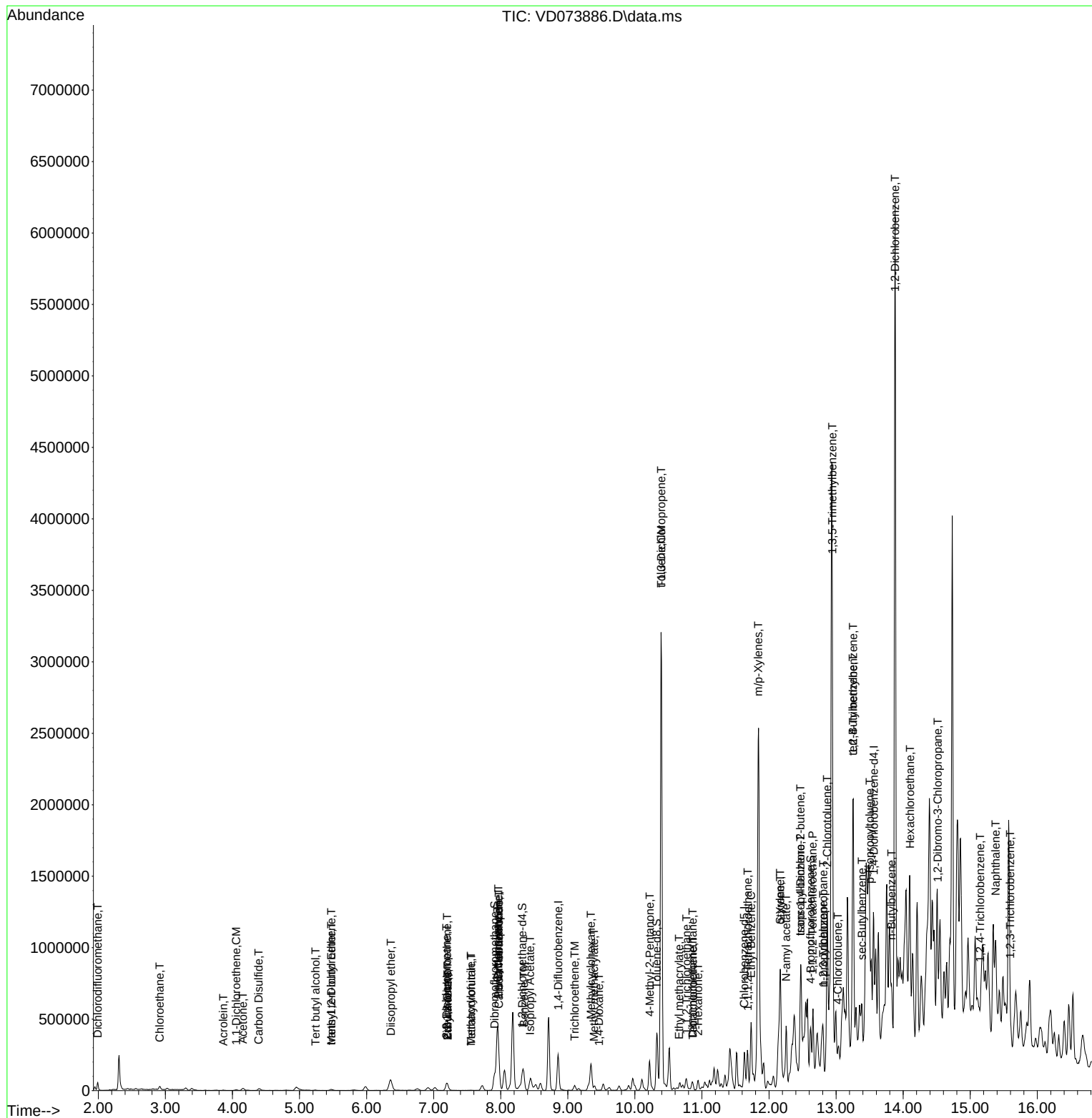
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 1,1,1,2-Tetrachloroethane	11.685	131	1759	1.589	ug/l #	33
67) Ethyl Benzene	11.732	91	292696	54.425	ug/l	95
68) m/p-Xylenes	11.838	106	510608	242.910	ug/l	97
69) o-Xylene	12.167	106	187981	95.518	ug/l	95
70) Styrene	12.167	104	11598	3.447	ug/l #	1
73) Isopropylbenzene	12.467	105	89939	34.080	ug/l	90
74) N-amyl acetate	12.255	43	94124	180.815	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.649	83	3293	7.219	ug/l #	1
76) 1,2,3-Trichloropropane	12.808	75	2473	6.615	ug/l #	100
78) n-propylbenzene	12.808	91	231146	71.798	ug/l	97
79) 2-Chlorotoluene	12.867	91	79408	43.969	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.944	105	295738	132.943	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.467	75	1928	13.916	ug/l #	1
82) 4-Chlorotoluene	13.026	91	19701	10.315	ug/l #	42
83) tert-Butylbenzene	13.249	119	125702	66.090	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.255	105	1021786	461.149	ug/l	98
85) sec-Butylbenzene	13.385	105	122324	42.651	ug/l	83
86) p-Isopropyltoluene	13.502	119	277201	114.783	ug/l	96
89) n-Butylbenzene	13.826	91	250327	109.174	ug/l #	73
90) Hexachloroethane	14.102	117	39251	82.250	ug/l #	17
91) 1,2-Dichlorobenzene	13.879	146	1105	1.041	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.514	75	2117	27.639	ug/l #	34
93) 1,2,4-Trichlorobenzene	15.149	180	1467	2.265	ug/l #	12
95) Naphthalene	15.379	128	524058	450.061	ug/l	96
96) 1,2,3-Trichlorobenzene	15.596	180	5575	10.122	ug/l #	20

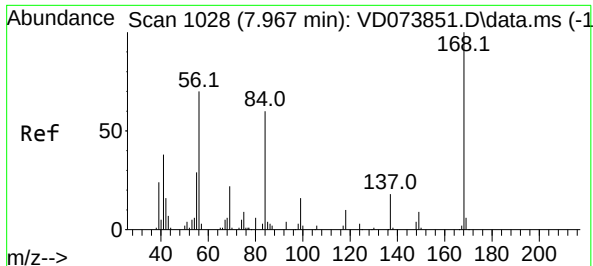
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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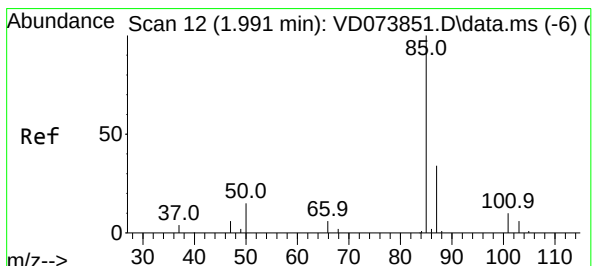
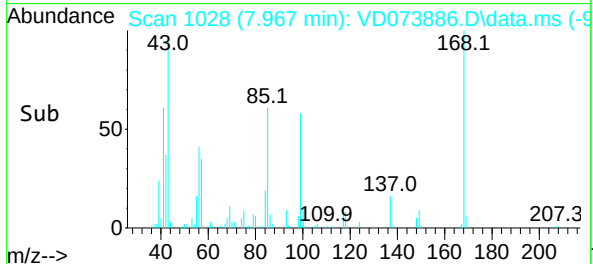
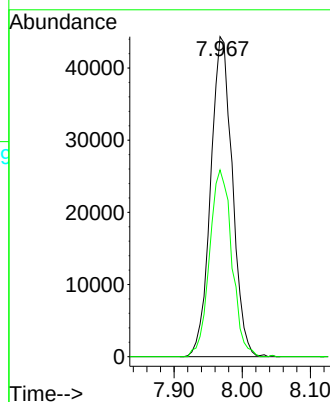
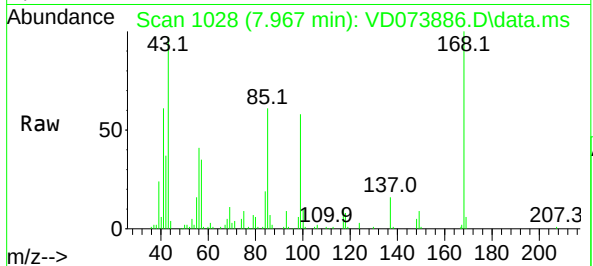




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

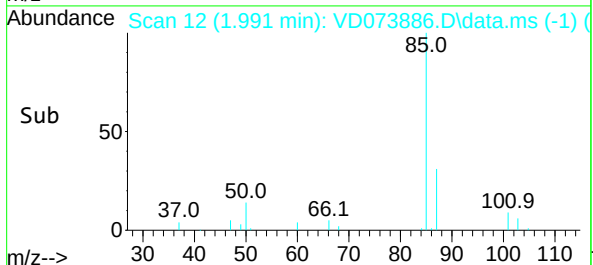
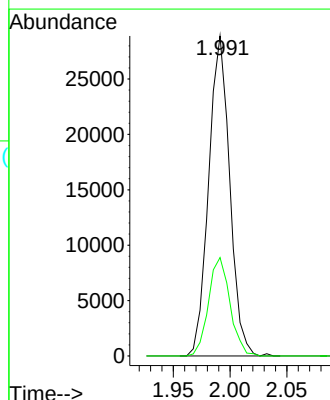
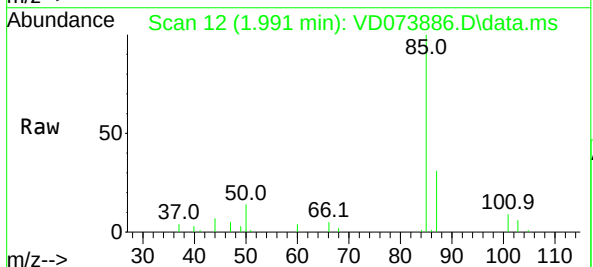
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MSVOA_D
ClientSampleId :
TRE-1279-SLUDGE

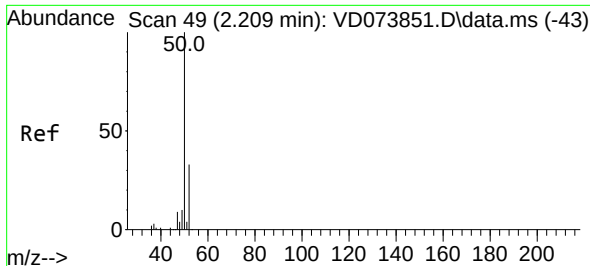
Tgt Ion:168 Resp: 98098
Ion Ratio Lower Upper
168 100
99 58.4 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 41.206 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

Tgt Ion: 85 Resp: 37222
Ion Ratio Lower Upper
85 100
87 30.7 15.7 47.0

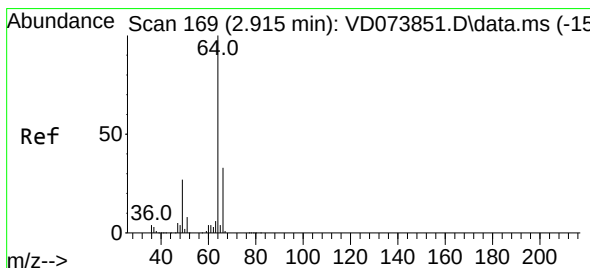
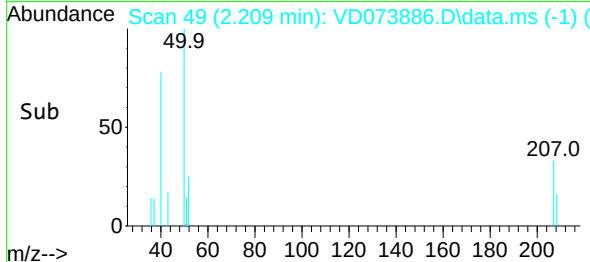
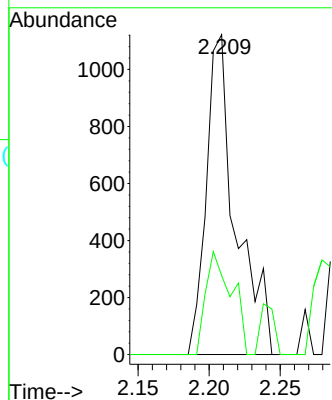
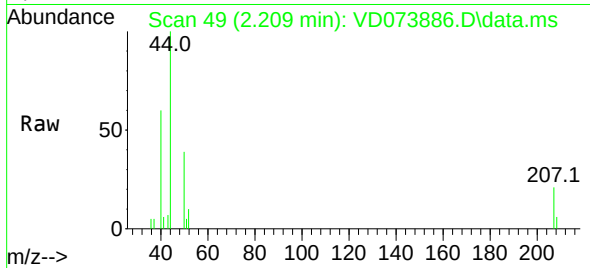




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

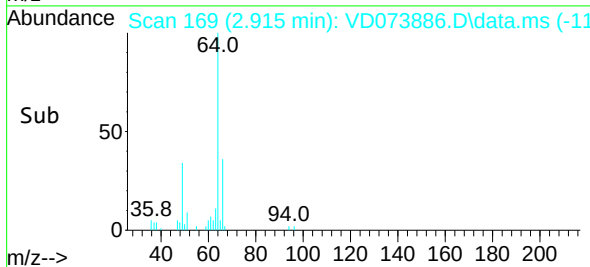
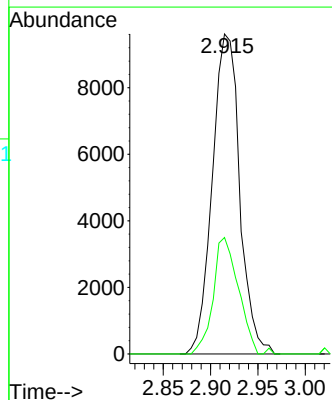
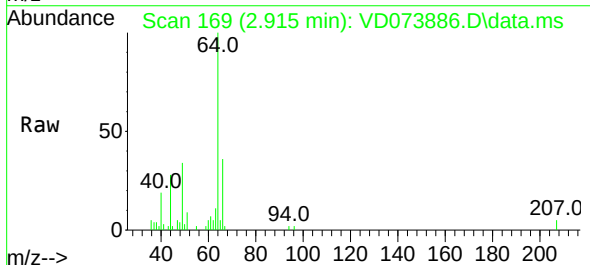
Instrument :
MSVOA_D
ClientSampleId :
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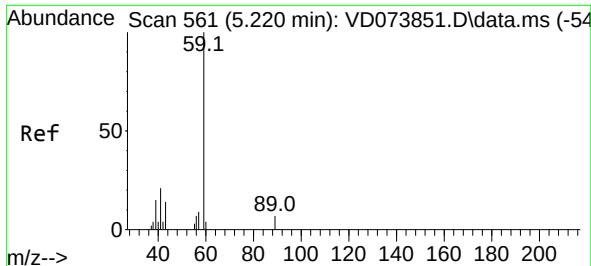
Tgt Ion: 50 Resp: 1621
Ion Ratio Lower Upper
50 100
52 24.7 27.4 41.0#



#6
Chloroethane
Concen: 12.681 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.000 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

Tgt Ion: 64 Resp: 19325
Ion Ratio Lower Upper
64 100
66 36.4 25.9 38.9





#11

Tert butyl alcohol

Concen: 39.609 ug/l

RT: 5.238 min Scan# 5

Delta R.T. 0.018 min

Lab File: VD073886.D

Acq: 20 Jul 2022 18:36

Instrument :

MSVOA_D

ClientSampleId :

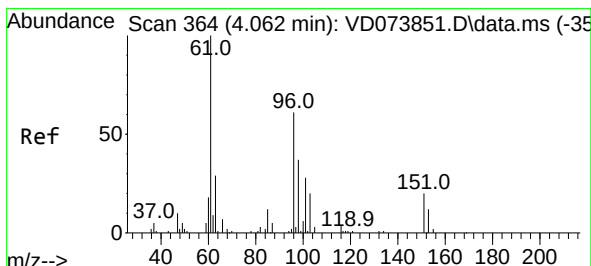
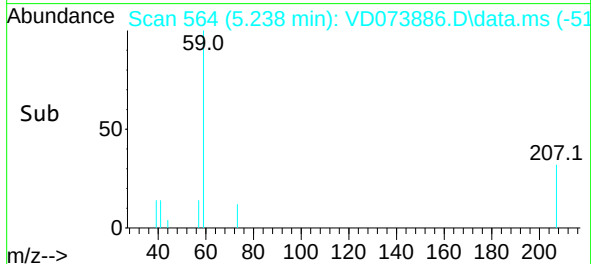
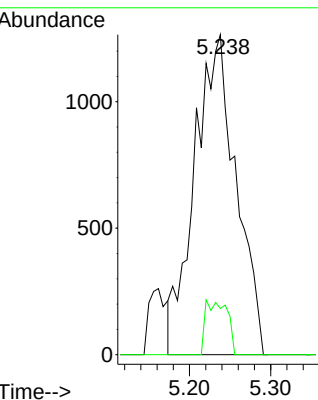
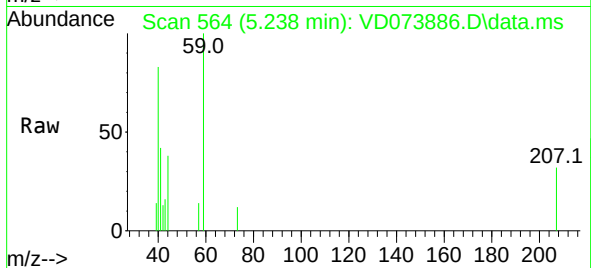
TRE-1279-SLUDGE

Tgt Ion: 59 Resp: 4502

Ion Ratio Lower Upper

59 100

57 8.9 7.8 11.6



#12

1,1-Dichloroethene

Concen: 2.820 ug/l

RT: 4.056 min Scan# 363

Delta R.T. -0.006 min

Lab File: VD073886.D

Acq: 20 Jul 2022 18:36

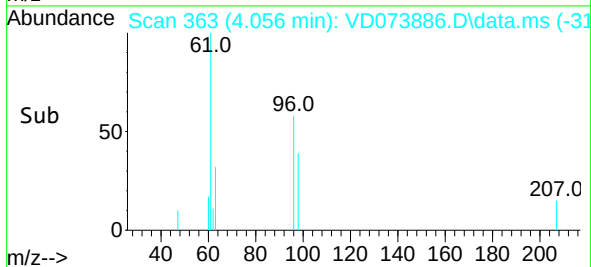
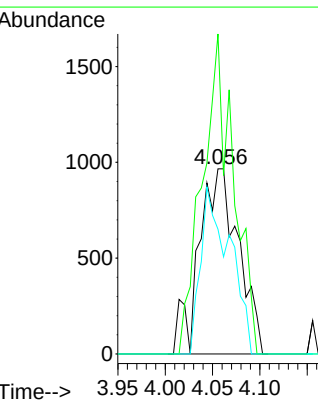
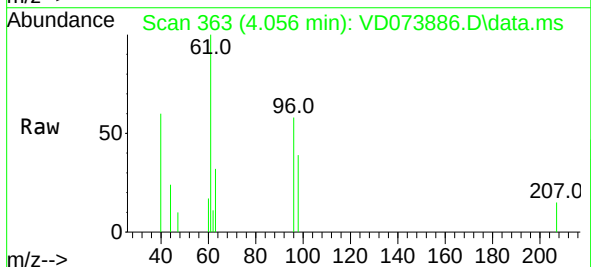
Tgt Ion: 96 Resp: 2811

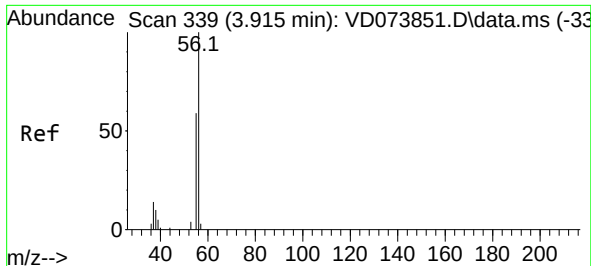
Ion Ratio Lower Upper

96 100

61 172.9 138.5 207.7

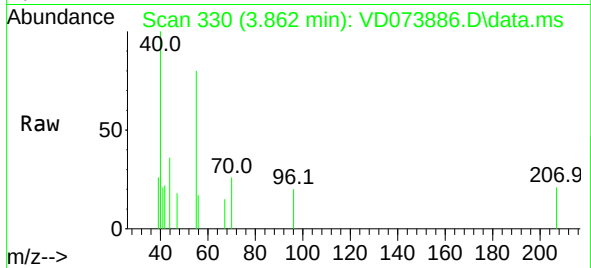
98 67.4 48.6 73.0



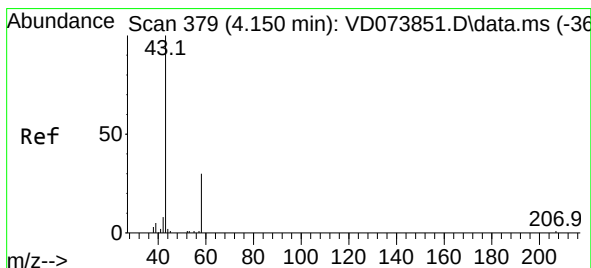
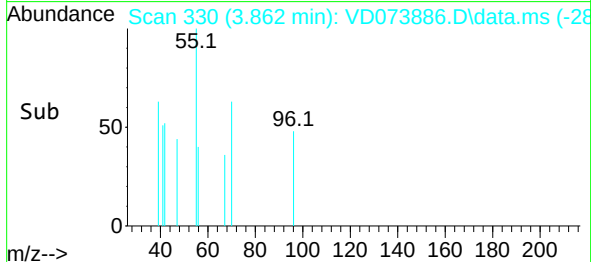
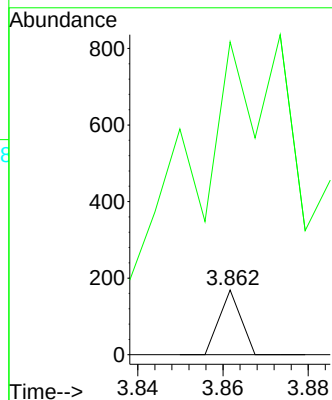


#13
Acrolein
Concen: 1.103 ug/l
RT: 3.862 min Scan# 31
Delta R.T. -0.053 min
Lab File: VD073886.D
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TRE-1279-SLUDGE

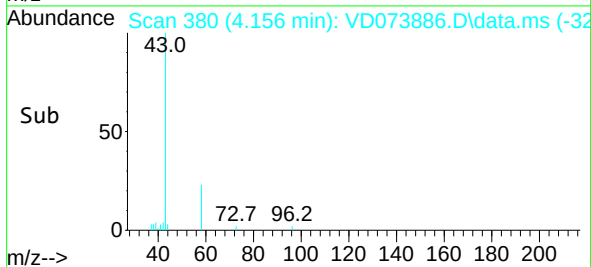
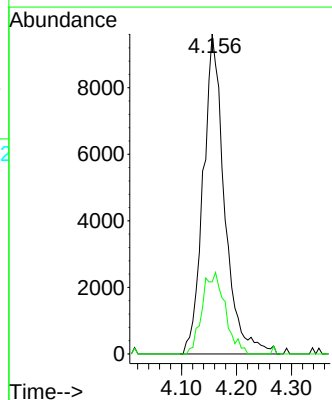
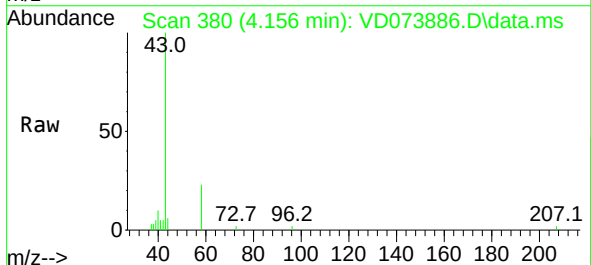


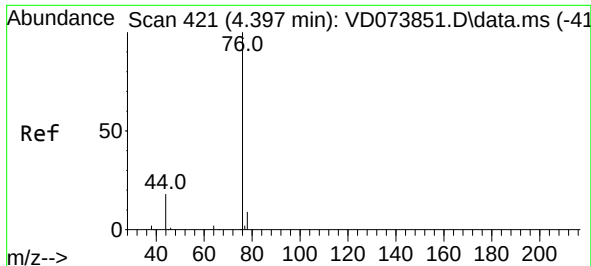
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 3015.0 57.1 85.7#



#16
Acetone
Concen: 135.520 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

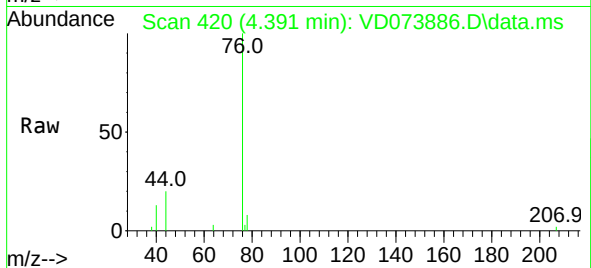
Tgt Ion: 43 Resp: 26049
Ion Ratio Lower Upper
43 100
58 22.5 22.1 33.1



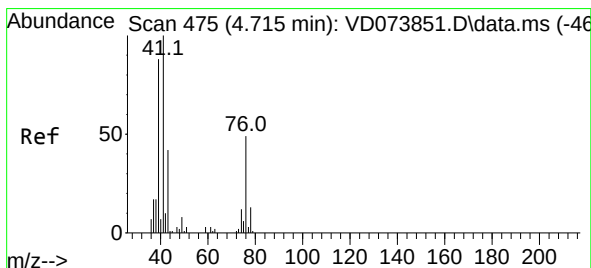
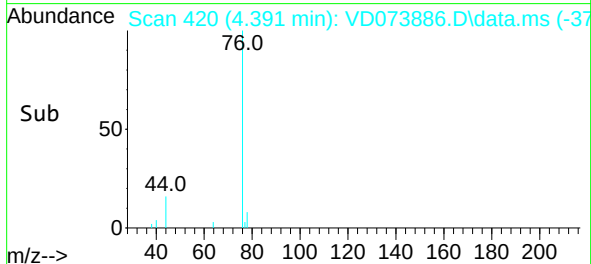
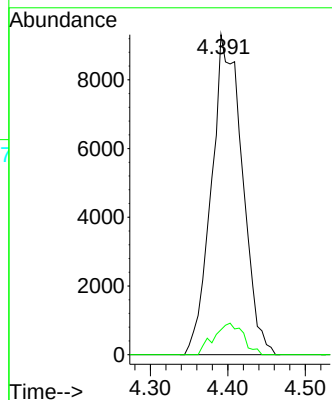


#17
Carbon Disulfide
Concen: 8.086 ug/l
RT: 4.391 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

Instrument :
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ClientSampleId :
TRE-1279-SLUDGE

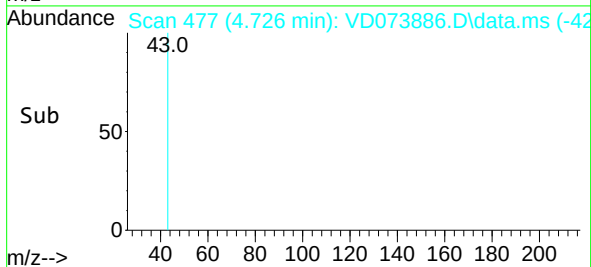
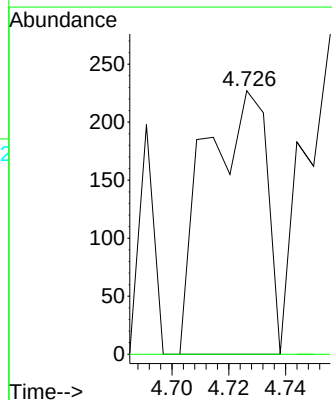
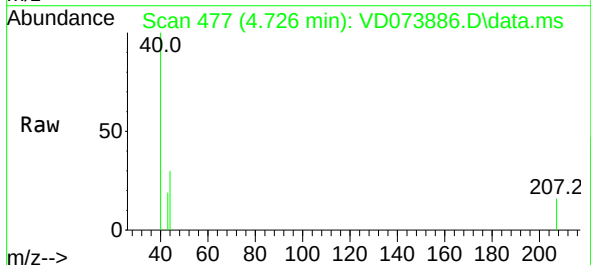


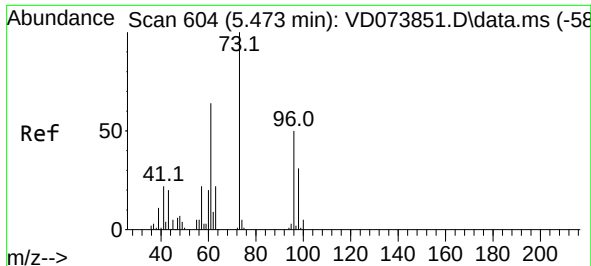
Tgt Ion: 76 Resp: 25758
Ion Ratio Lower Upper
76 100
78 7.8 7.5 11.3



#18
Methyl Acetate
Concen: Below Cal
RT: 4.726 min Scan# 477
Delta R.T. 0.011 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

Tgt Ion: 43 Resp: 339
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

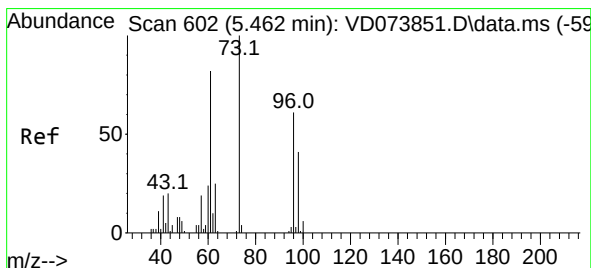
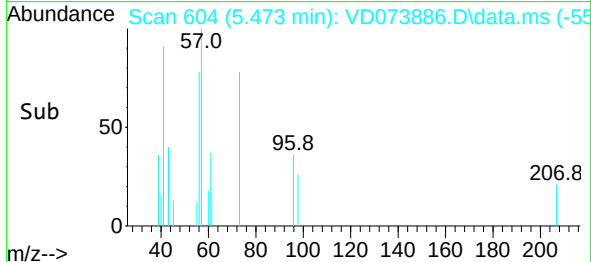
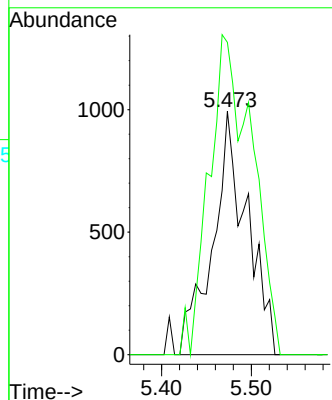
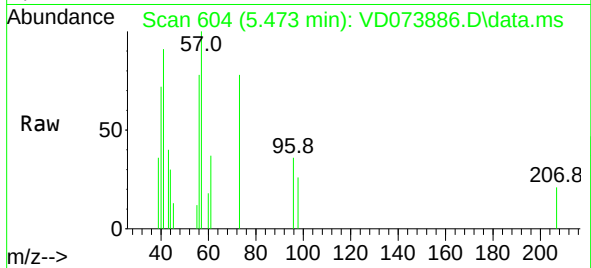




#19
Methyl tert-butyl Ether
Concen: 1.104 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD073886.D
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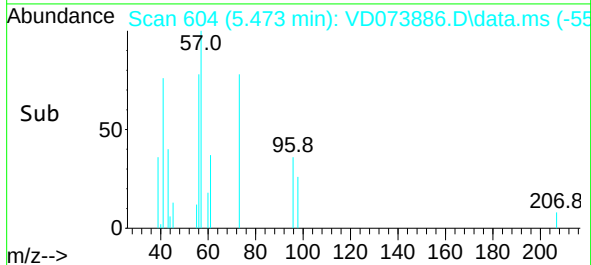
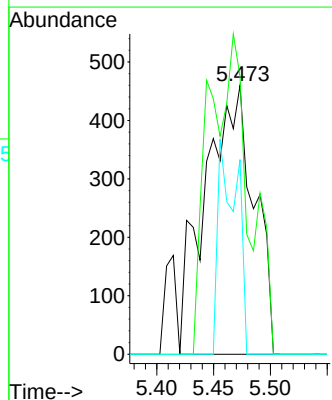
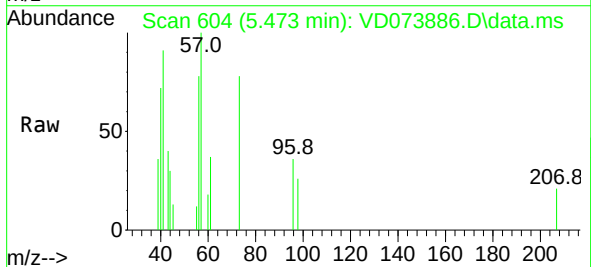
Instrument :
MSVOA_D
ClientSampleId :
TRE-1279-SLUDGE

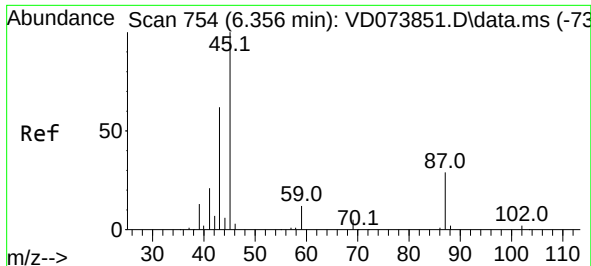
Tgt Ion: 73 Resp: 2636
Ion Ratio Lower Upper
73 100
57 128.4 18.0 27.0#



#21
trans-1,2-Dichloroethene
Concen: 1.174 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.012 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

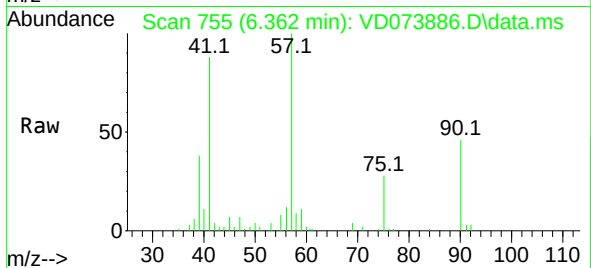
Tgt Ion: 96 Resp: 1384
Ion Ratio Lower Upper
96 100
61 103.3 117.9 176.9#
98 72.4 49.4 74.2



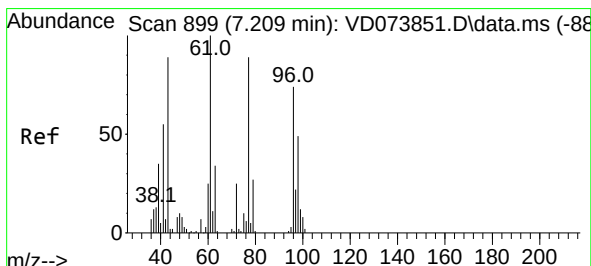
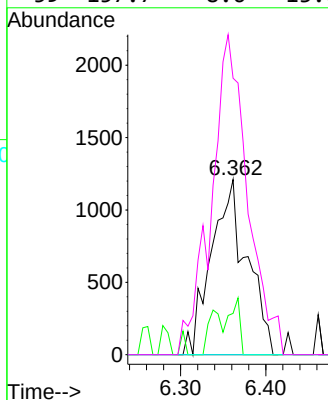
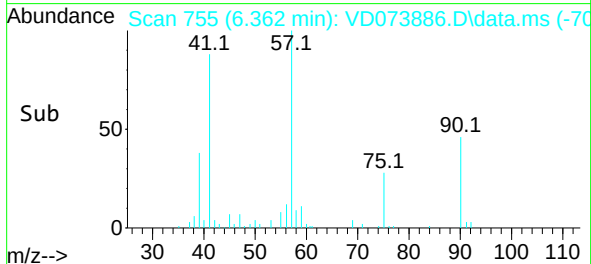


#22
Diisopropyl ether
Concen: 1.144 ug/l
RT: 6.362 min Scan# 71
Delta R.T. 0.006 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

Instrument :
MSVOA_D
ClientSampleId :
TRE-1279-SLUDGE

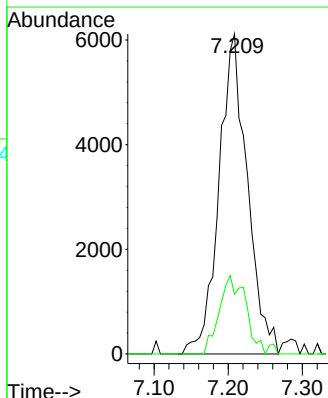
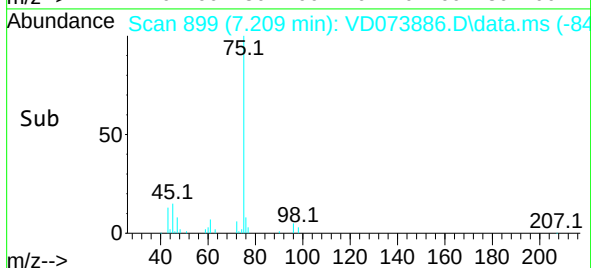
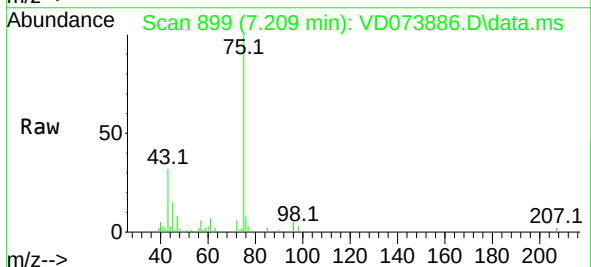


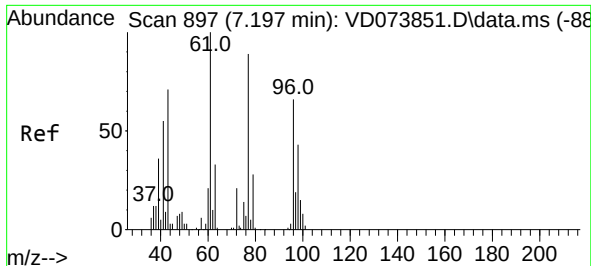
Tgt Ion:	45	Resp:	3543
Ion Ratio	100	Lower	Upper
43	23.5	46.6	70.0#
87	0.0	18.4	27.6#
59	157.7	8.6	13.0#



#25
2-Butanone
Concen: 59.530 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

Tgt Ion:	43	Resp:	16241
Ion Ratio	100	Lower	Upper
72	18.6	18.6	27.8

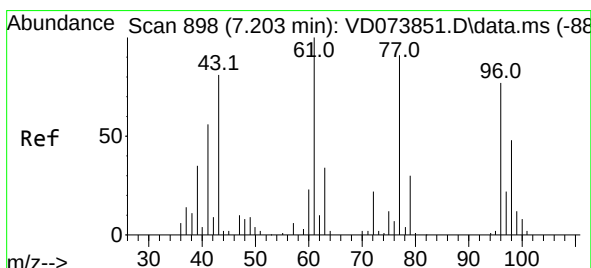
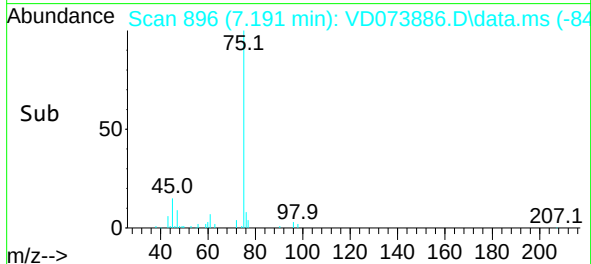
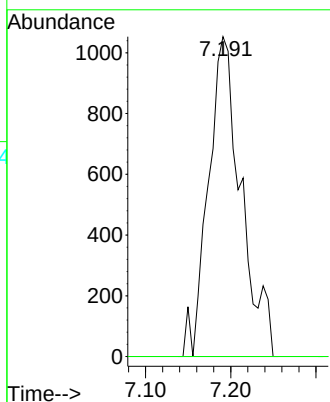
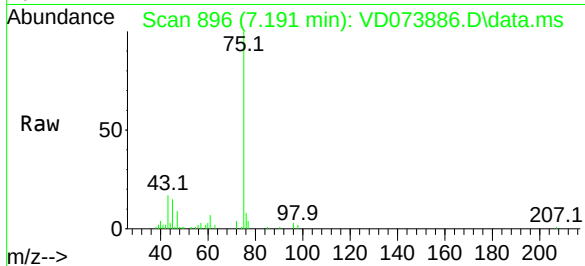




#26
2,2-Dichloropropane
Concen: 1.547 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.006 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

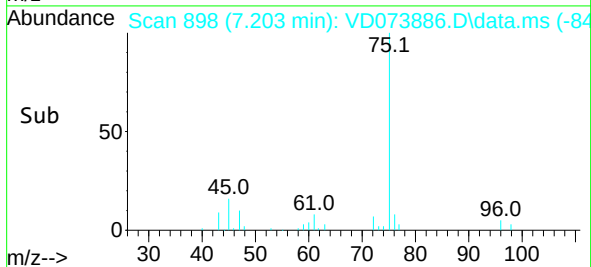
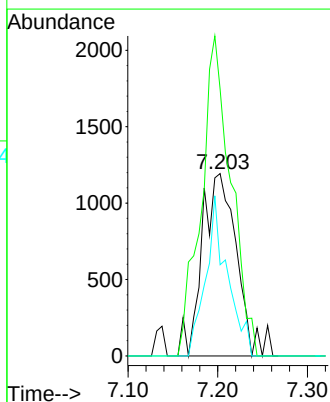
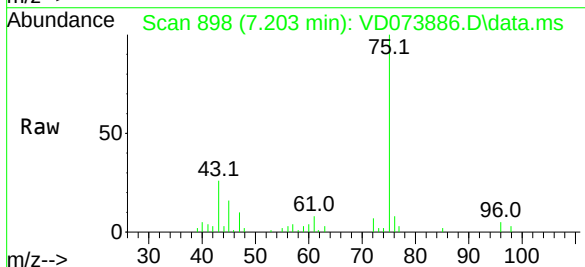
Instrument :
MSVOA_D
ClientSampleId :
TRE-1279-SLUDGE

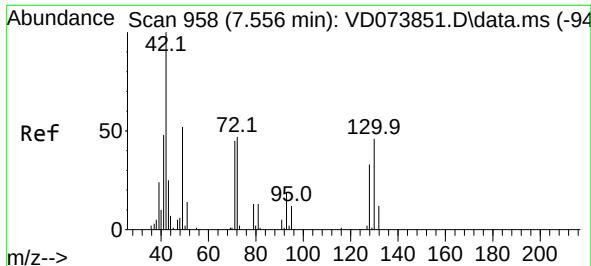
Tgt Ion: 77 Resp: 2810
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.4#



#27
cis-1,2-Dichloroethene
Concen: 2.409 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

Tgt Ion: 96 Resp: 3196
Ion Ratio Lower Upper
96 100
61 151.3 0.0 313.8
98 54.9 0.0 128.8





#29

Tetrahydrofuran

Concen: 4.364 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073886.D

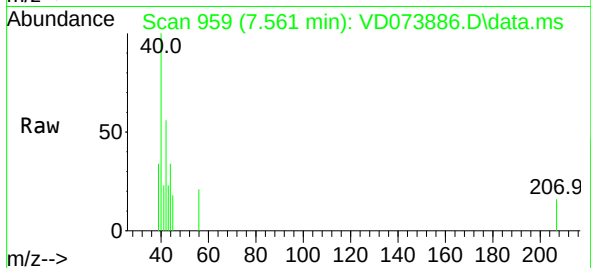
Acq: 20 Jul 2022 18:36

Instrument :

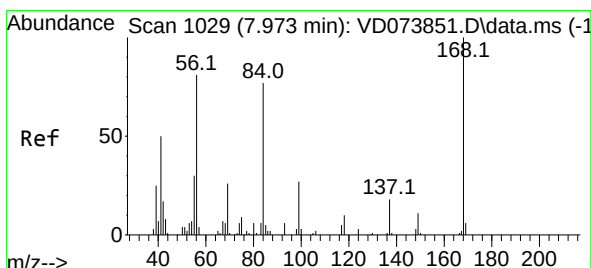
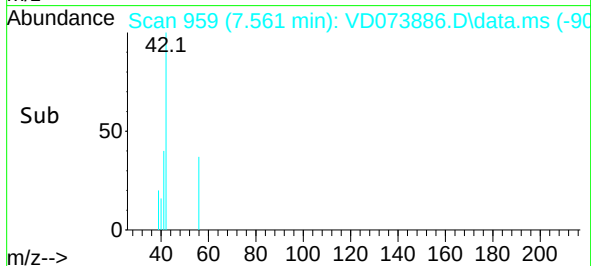
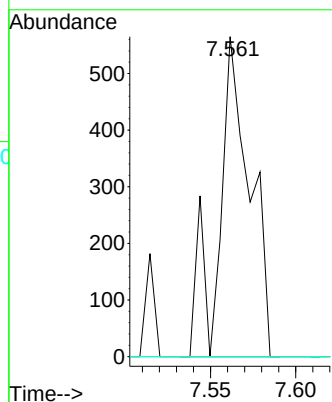
MSVOA_D

ClientSampleId :

TRE-1279-SLUDGE



Tgt Ion:	42	Resp:	722
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.7	46.1#
71	0.0	28.6	43.0#



#31

Cyclohexane

Concen: 44.783 ug/l

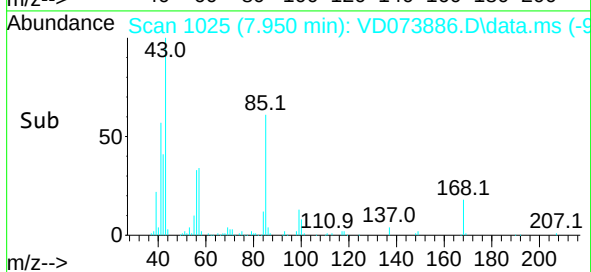
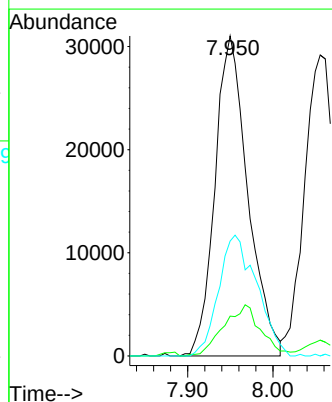
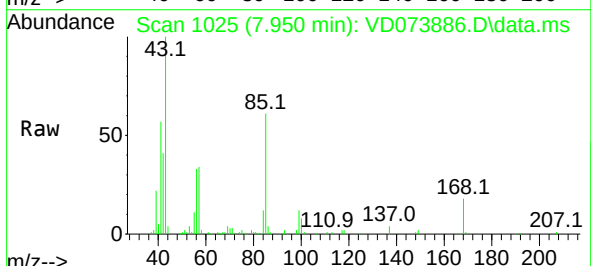
RT: 7.950 min Scan# 1025

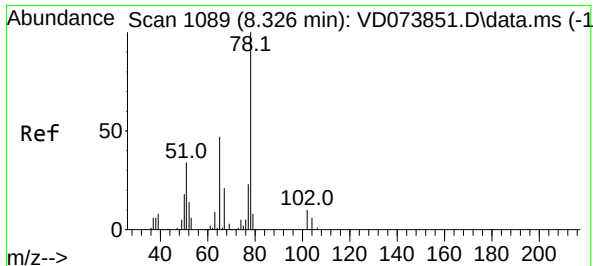
Delta R.T. -0.024 min

Lab File: VD073886.D

Acq: 20 Jul 2022 18:36

Tgt Ion:	56	Resp:	83354
Ion	Ratio	Lower	Upper
56	100		
69	12.5	25.4	38.2#
84	35.9	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 60.367 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073886.D

Acq: 20 Jul 2022 18:36

Instrument :

MSVOA_D

ClientSampleId :

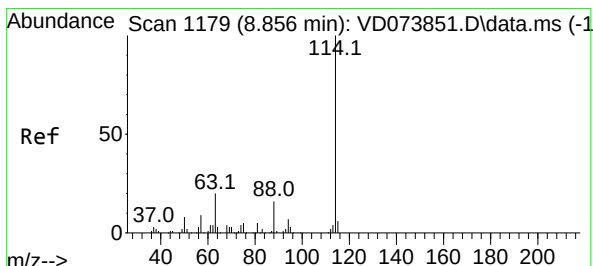
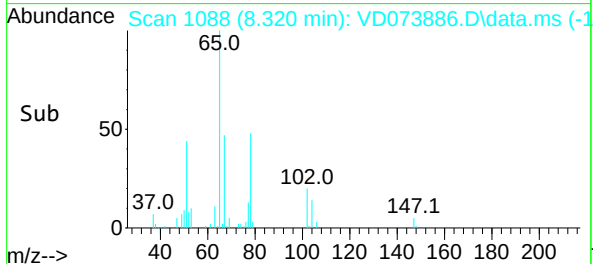
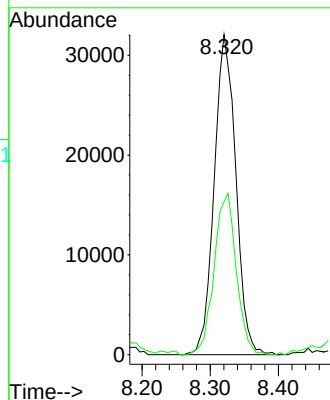
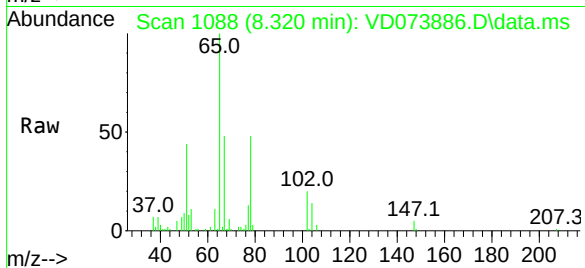
TRE-1279-SLUDGE

Tgt Ion: 65 Resp: 70714

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073886.D

Acq: 20 Jul 2022 18:36

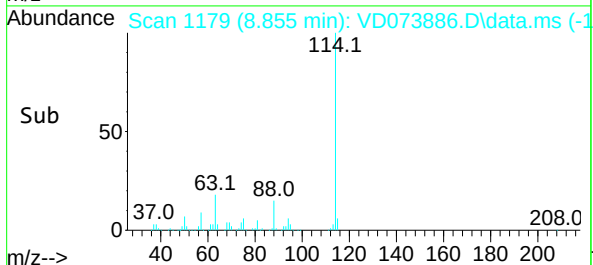
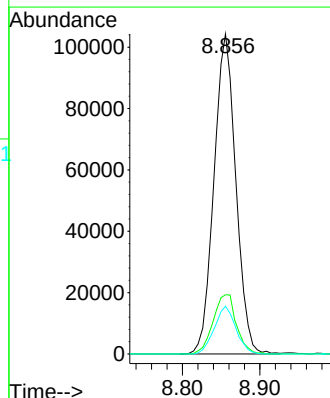
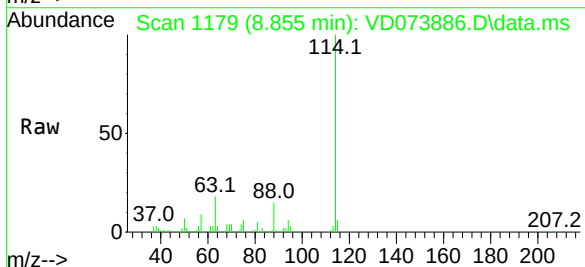
Tgt Ion: 114 Resp: 204294

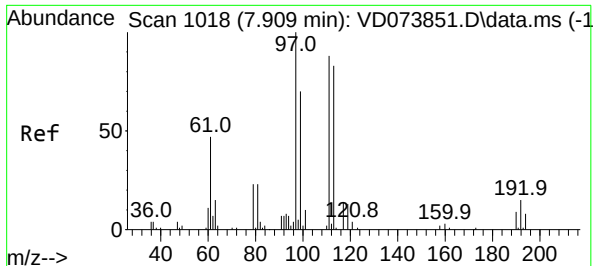
Ion Ratio Lower Upper

114 100

63 18.5 0.0 46.6

88 14.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.288 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073886.D

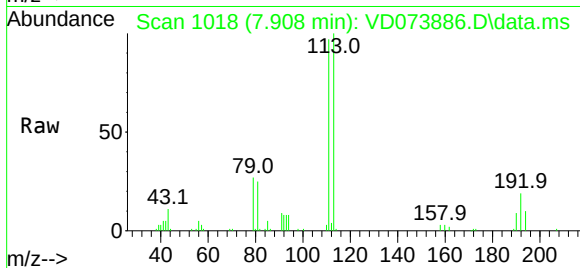
Acq: 20 Jul 2022 18:36

Instrument :

MSVOA_D

ClientSampleId :

TRE-1279-SLUDGE



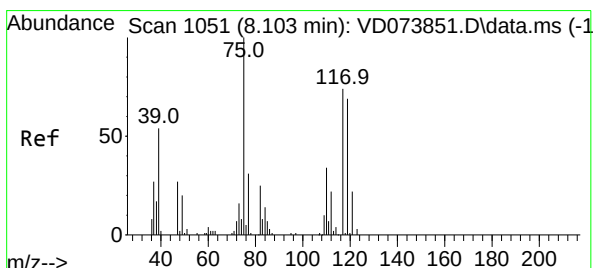
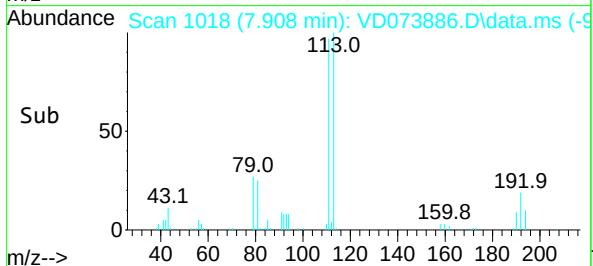
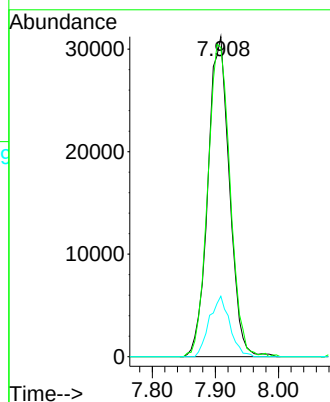
Tgt Ion:113 Resp: 73919

Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 18.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.312 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.135 min

Lab File: VD073886.D

Acq: 20 Jul 2022 18:36

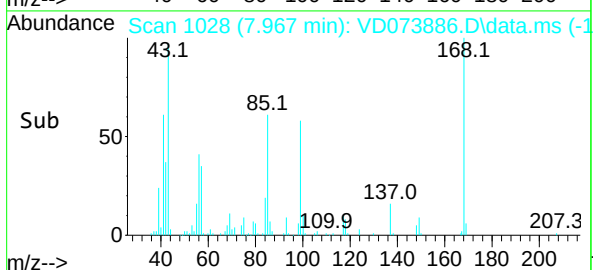
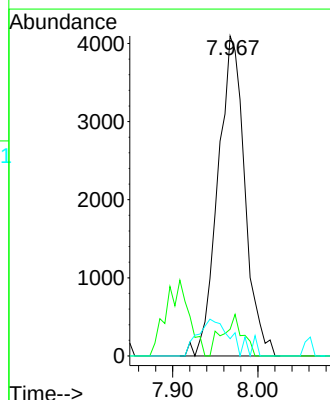
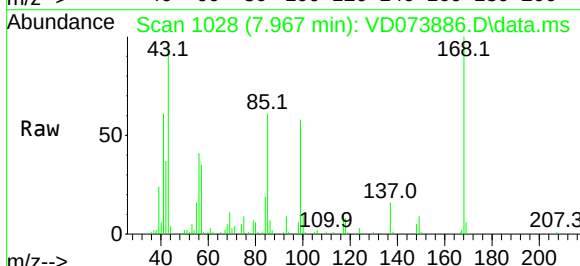
Tgt Ion: 75 Resp: 8966

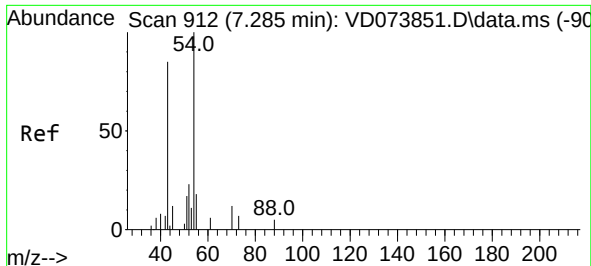
Ion Ratio Lower Upper

75 100

110 9.6 16.4 49.1#

77 0.0 24.2 36.2#





#37

Ethyl Acetate

Concen: 21.723 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.077 min

Lab File: VD073886.D

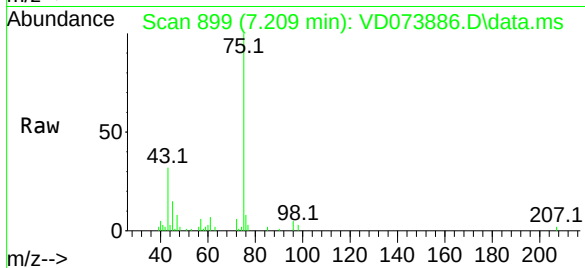
Acq: 20 Jul 2022 18:36

Instrument :

MSVOA_D

ClientSampleId :

TRE-1279-SLUDGE



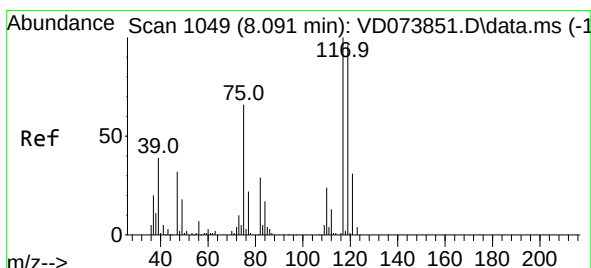
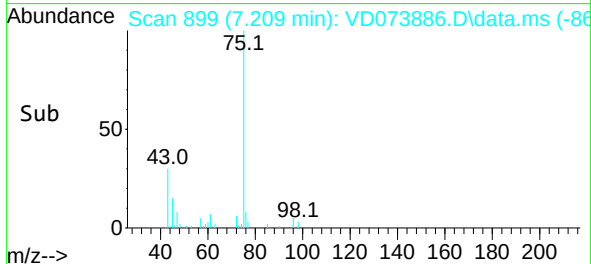
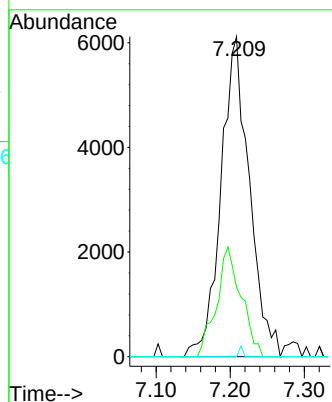
Tgt Ion: 43 Resp: 16241

Ion Ratio Lower Upper

43 100

61 29.8 9.8 14.8#

70 0.4 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 4.326 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073886.D

Acq: 20 Jul 2022 18:36

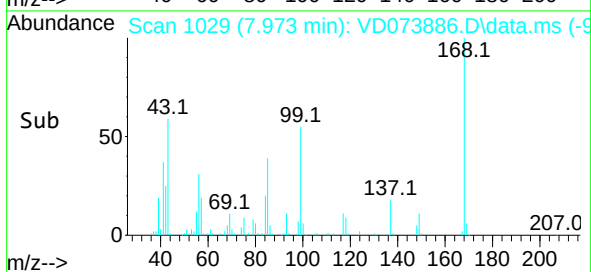
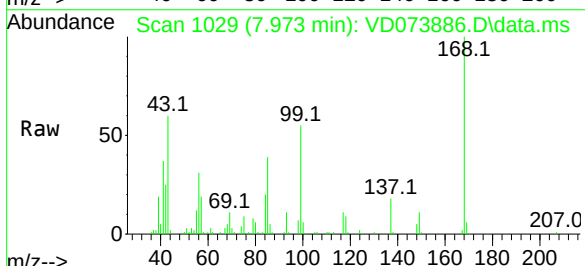
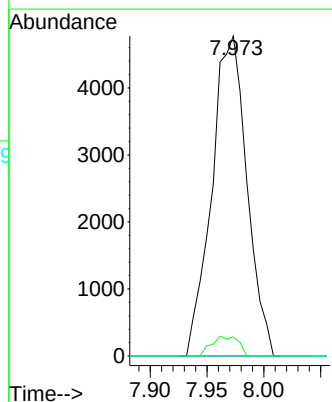
Tgt Ion: 117 Resp: 10271

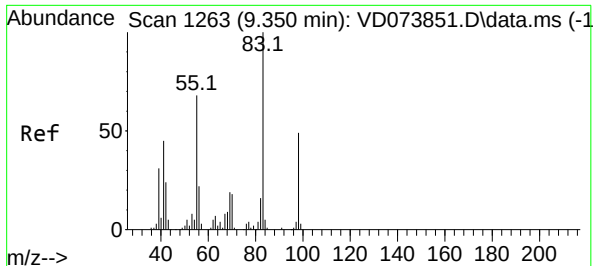
Ion Ratio Lower Upper

117 100

119 6.0 75.8 113.6#

121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 29.801 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073886.D

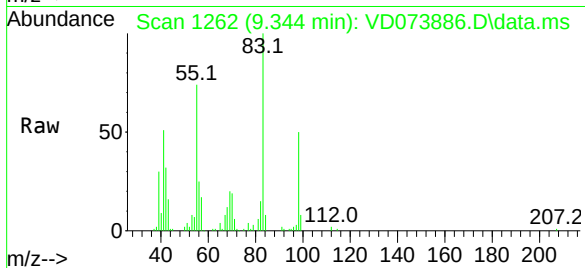
Acq: 20 Jul 2022 18:36

Instrument :

MSVOA_D

ClientSampleId :

TRE-1279-SLUDGE



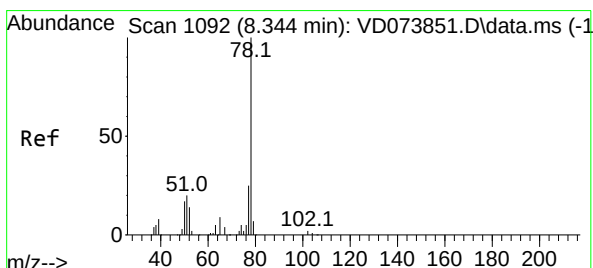
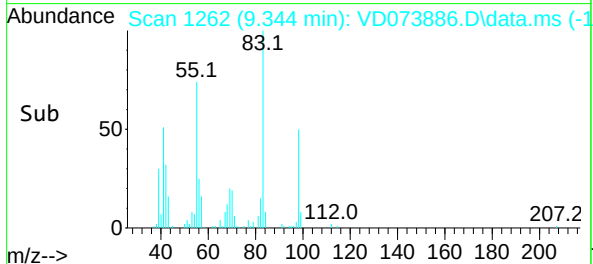
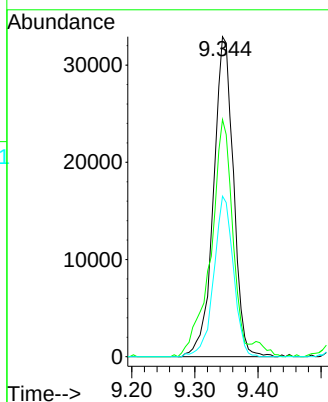
Tgt Ion: 83 Resp: 72226

Ion Ratio Lower Upper

83 100

55 74.1 63.2 94.8

98 50.1 38.2 57.4



#40

Benzene

Concen: 16.992 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073886.D

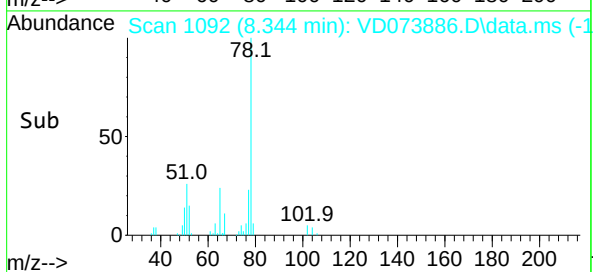
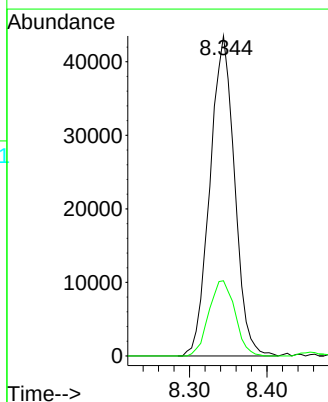
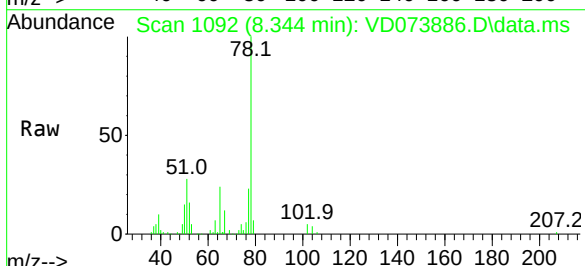
Acq: 20 Jul 2022 18:36

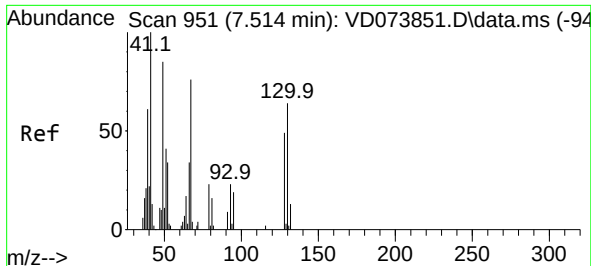
Tgt Ion: 78 Resp: 96123

Ion Ratio Lower Upper

78 100

77 23.5 19.1 28.7

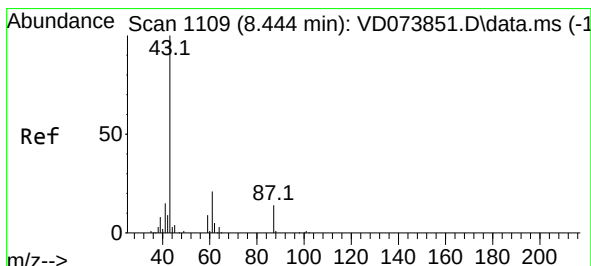
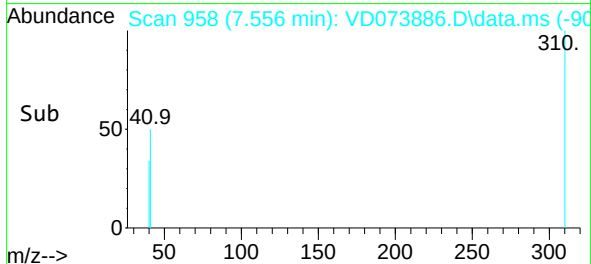
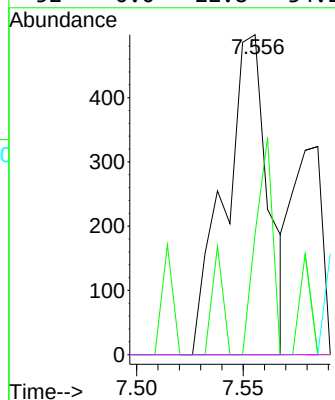
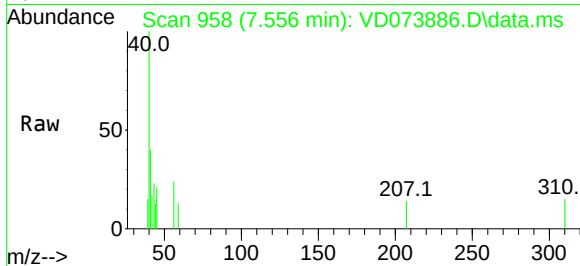




#41
Methacrylonitrile
Concen: 1.528 ug/l
RT: 7.556 min Scan# 91
Delta R.T. 0.041 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

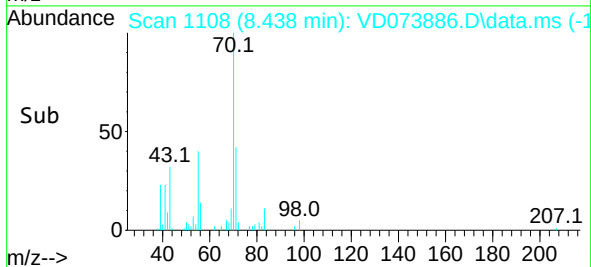
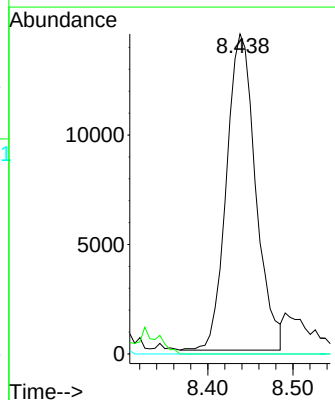
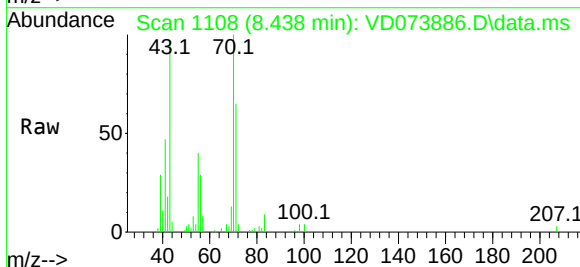
Instrument :
MSVOA_D
ClientSampleId :
TRE-1279-SLUDGE

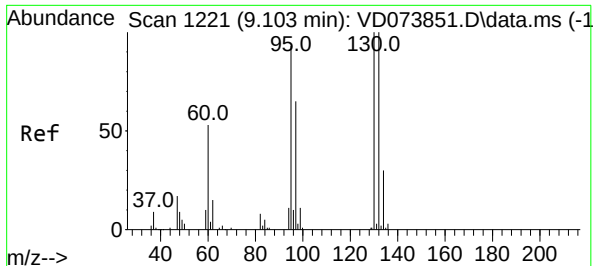
Tgt Ion: 41	Resp: 710
Ion Ratio	Lower Upper
41 100	
39 26.2	44.6 67.0#
67 0.0	48.2 72.4#
52 0.0	22.8 34.2#



#43
Isopropyl Acetate
Concen: 23.085 ug/l
RT: 8.438 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

Tgt Ion: 43	Resp:	34491	
Ion Ratio	Lower	Upper	
43 100			
61 0.0	22.4	33.6#	
87 0.0	8.7	13.1#	

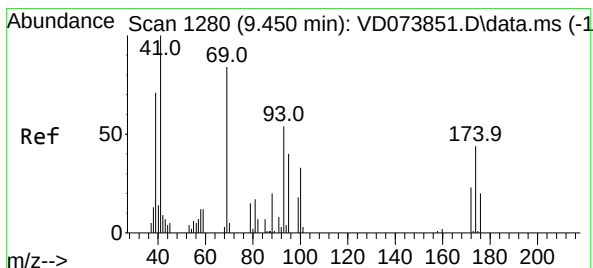
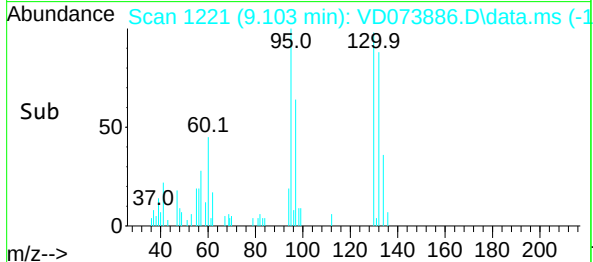
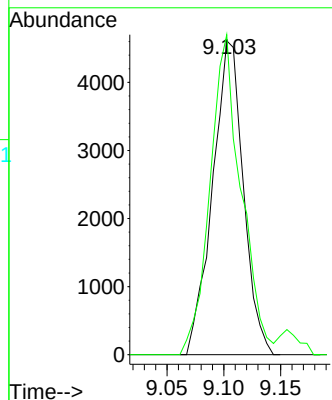
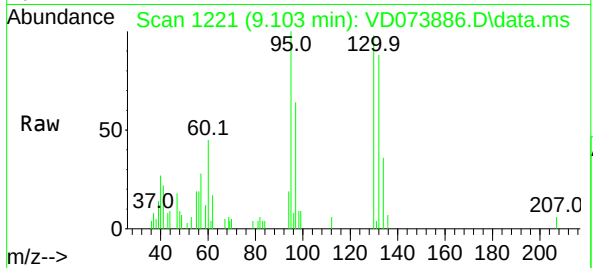




#44
Trichloroethene
Concen: 5.505 ug/l
RT: 9.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

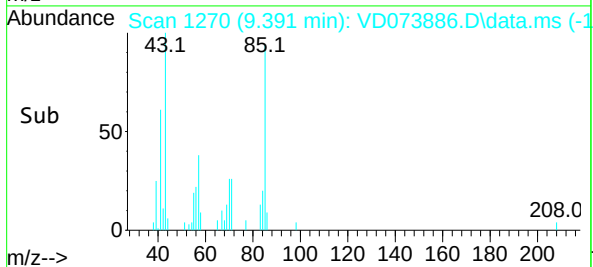
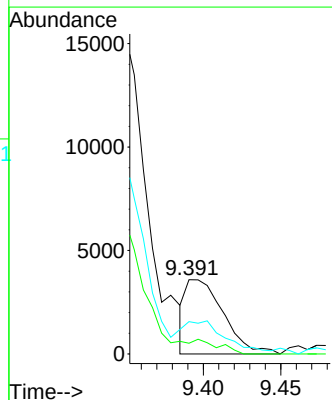
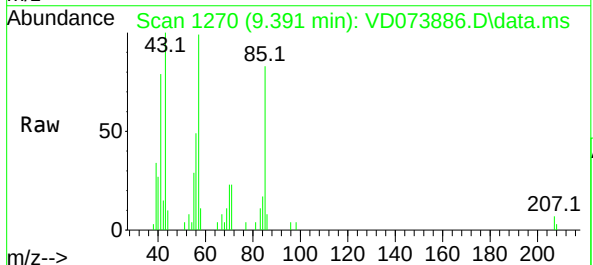
Instrument :
MSVOA_D
ClientSampleId :
TRE-1279-SLUDGE

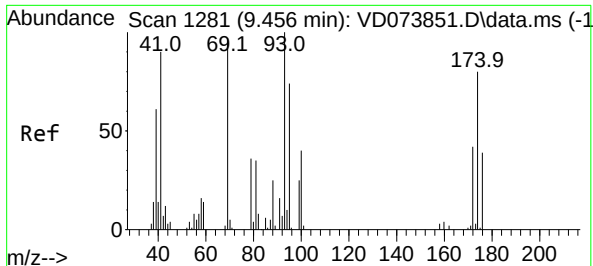
Tgt Ion:130 Resp: 8691
Ion Ratio Lower Upper
130 100
95 102.0 0.0 205.4



#48
Methyl methacrylate
Concen: 8.255 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. -0.059 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

Tgt Ion: 41 Resp: 6047
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 56.5 42.7 64.1





#49

1,4-Dioxane

Concen: 6.914 ug/l

RT: 9.467 min Scan# 1

Delta R.T. 0.012 min

Lab File: VD073886.D

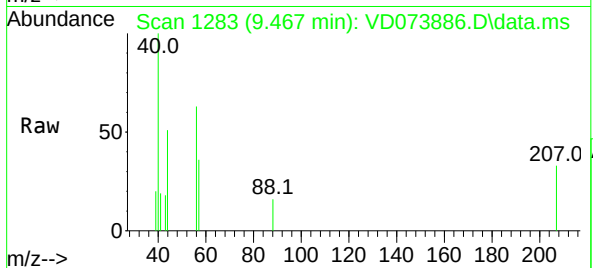
Acq: 20 Jul 2022 18:36

Instrument :

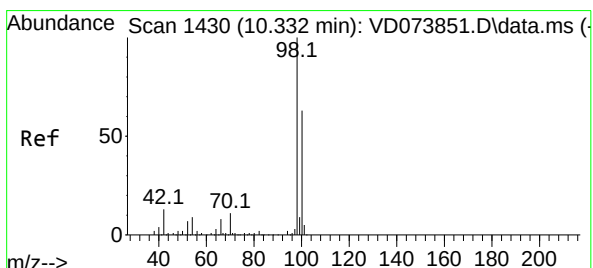
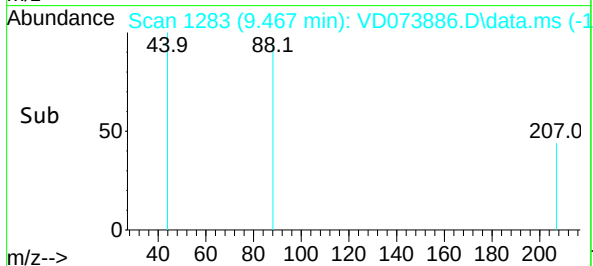
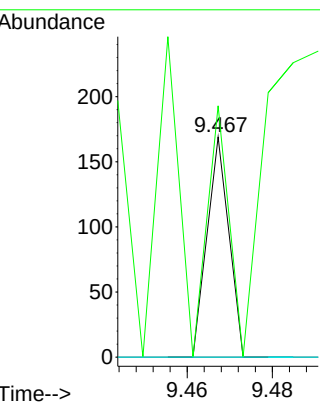
MSVOA_D

ClientSampleId :

TRE-1279-SLUDGE



Tgt Ion:	88	Resp:	60
Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.0	46.4#
58	0.0	58.1	87.1#



#50

Toluene-d8

Concen: 40.410 ug/l

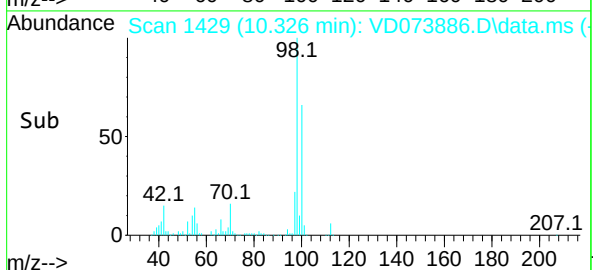
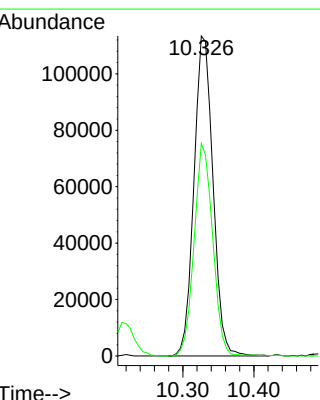
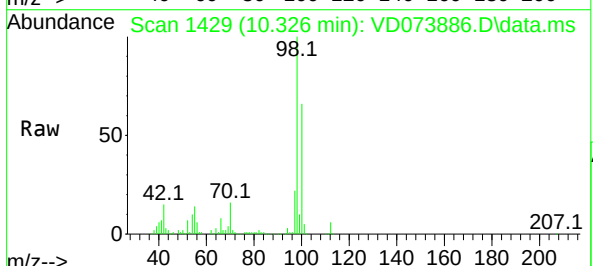
RT: 10.326 min Scan# 1429

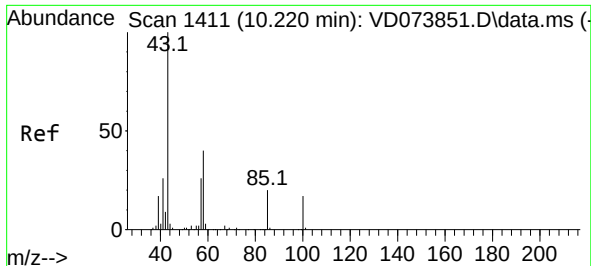
Delta R.T. -0.006 min

Lab File: VD073886.D

Acq: 20 Jul 2022 18:36

Tgt Ion:	98	Resp:	211428
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.4	78.6

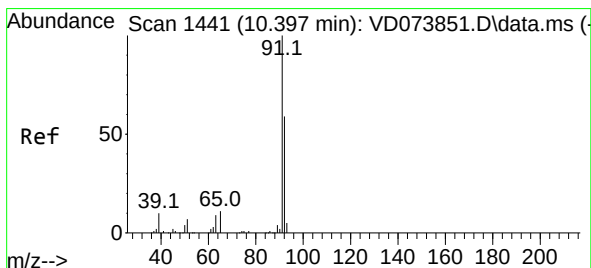
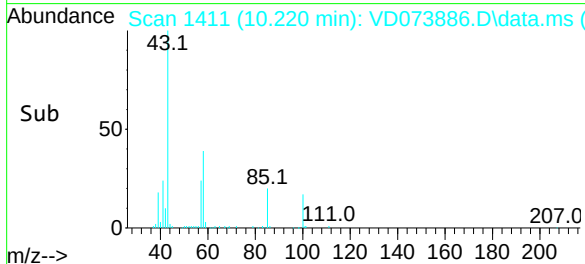
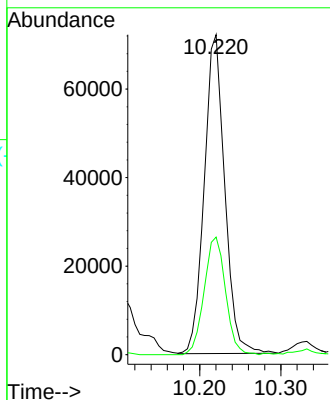
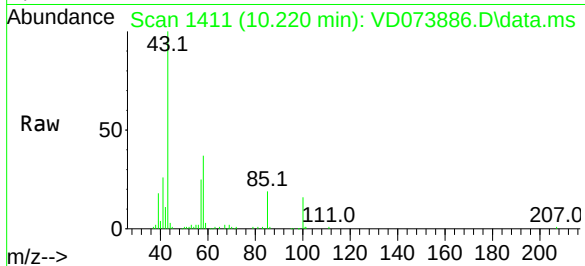




#51
4-Methyl-2-Pentanone
Concen: 168.952 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

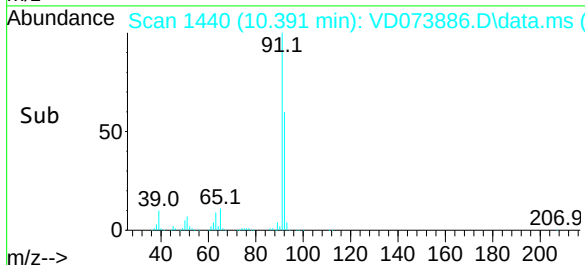
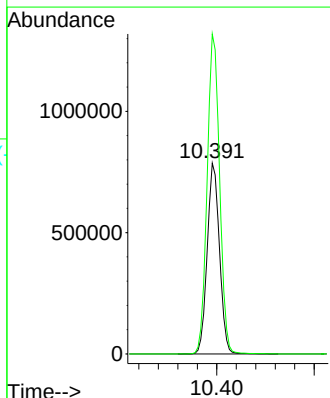
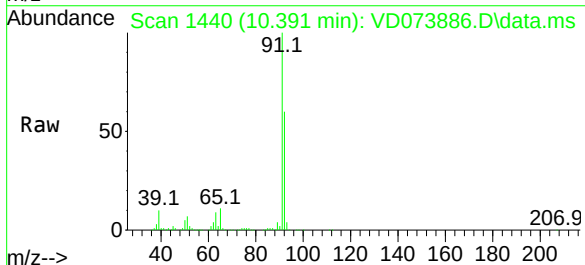
Instrument :
MSVOA_D
ClientSampleId :
TRE-1279-SLUDGE

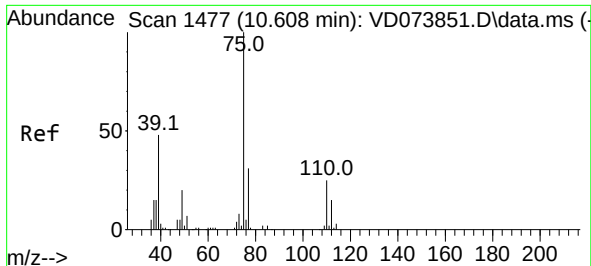
Tgt Ion: 43 Resp: 126195
Ion Ratio Lower Upper
43 100
58 38.4 28.6 43.0



#52
Toluene
Concen: 359.446 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

Tgt Ion: 92 Resp: 1368472
Ion Ratio Lower Upper
92 100
91 170.5 139.6 209.4

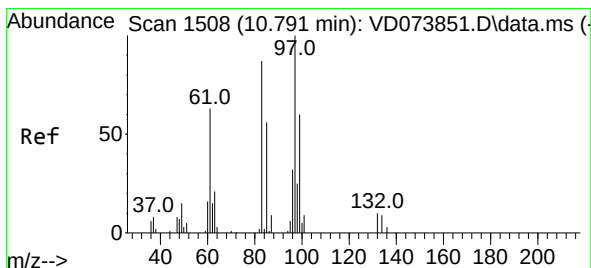
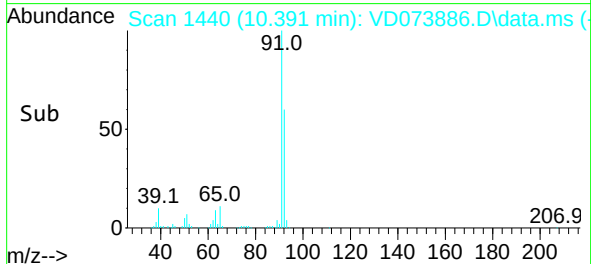
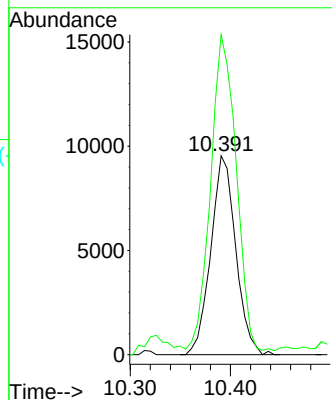
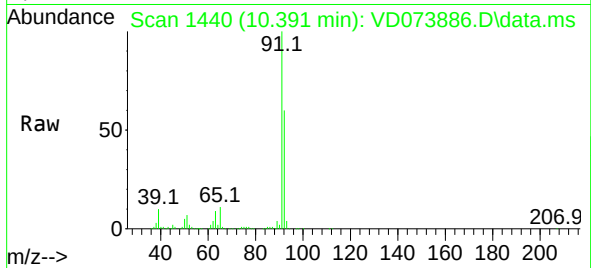




#53
t-1,3-Dichloropropene
Concen: 8.694 ug/l
RT: 10.391 min Scan# 1477
Delta R.T. -0.218 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

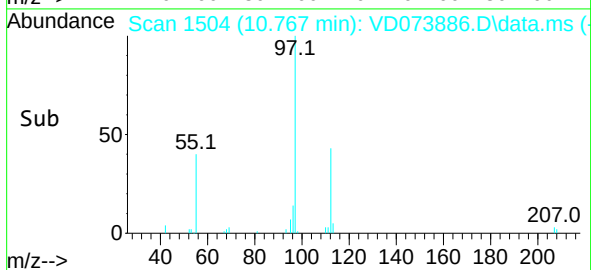
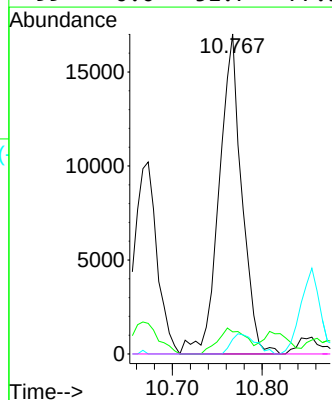
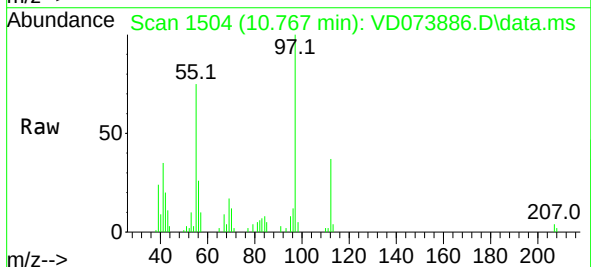
Instrument :
MSVOA_D
ClientSampleId :
TRE-1279-SLUDGE

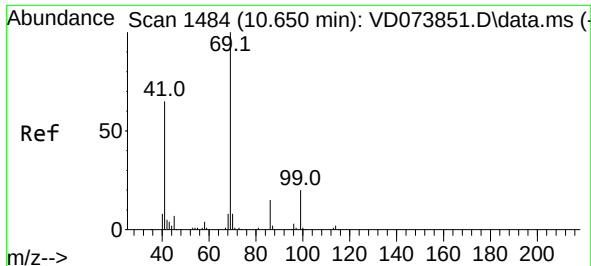
Tgt Ion: 75 Resp: 16482
Ion Ratio Lower Upper
75 100
77 157.4 24.5 36.7#



#55
1,1,2-Trichloroethane
Concen: 28.240 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.024 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

Tgt Ion: 97 Resp: 29792
Ion Ratio Lower Upper
97 100
83 6.9 69.0 103.4#
85 4.6 42.6 63.8#
99 0.0 51.7 77.5#

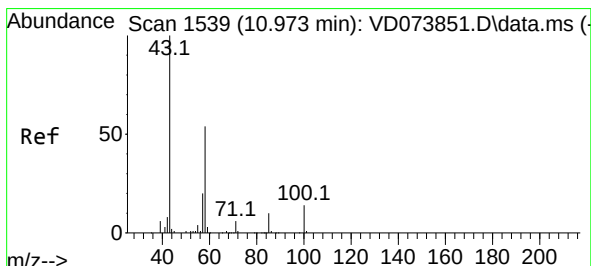
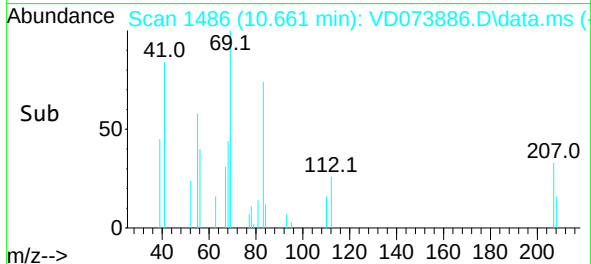
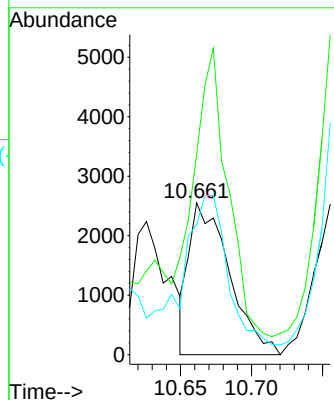
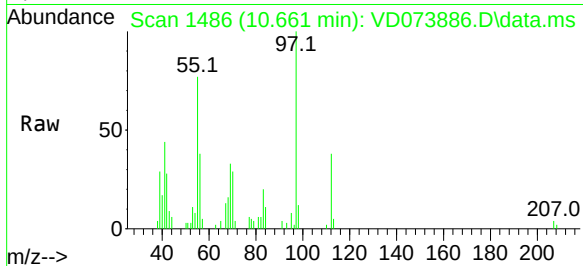




#56
Ethyl methacrylate
Concen: 4.117 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.012 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

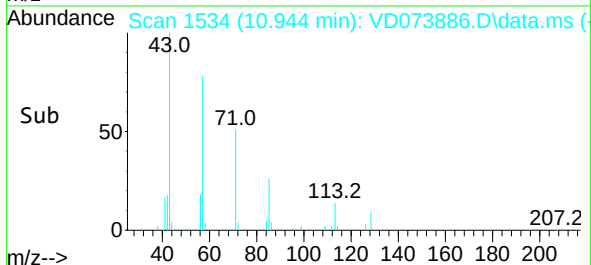
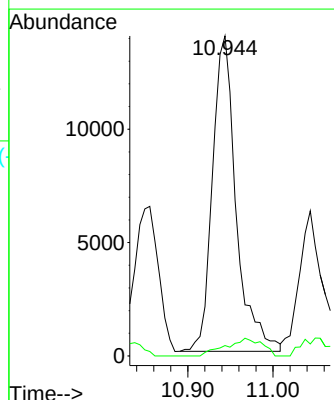
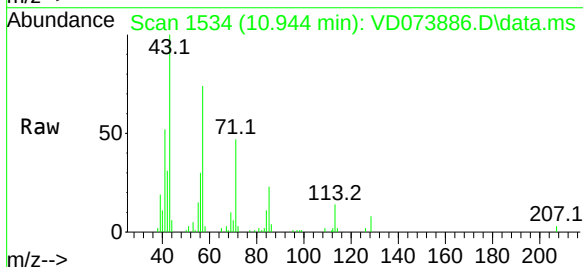
Instrument :
MSVOA_D
ClientSampleId :
TRE-1279-SLUDGE

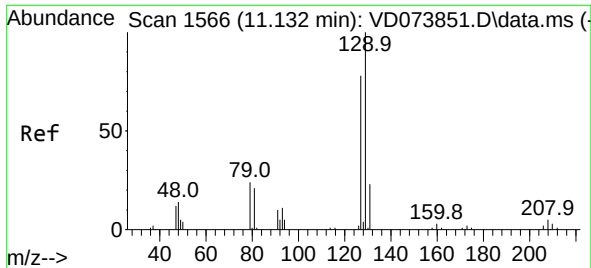
Tgt Ion: 69 Resp: 5028
Ion Ratio Lower Upper
69 100
41 161.2 63.0 94.6#
39 0.0 33.8 50.8#



#59
2-Hexanone
Concen: 52.763 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.029 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

Tgt Ion: 43 Resp: 26929
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

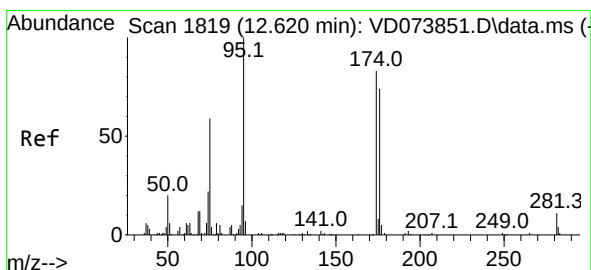
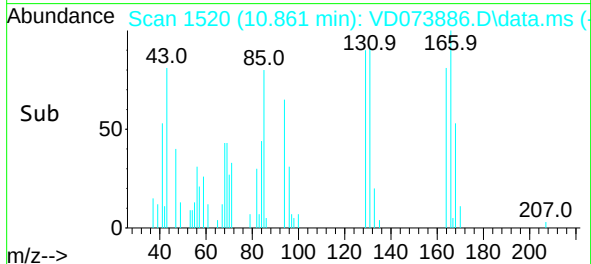
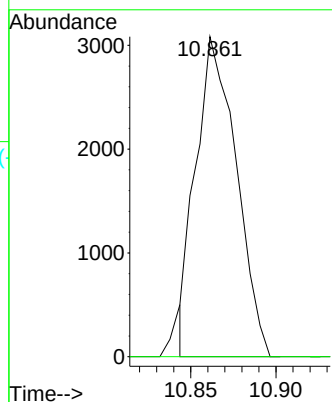
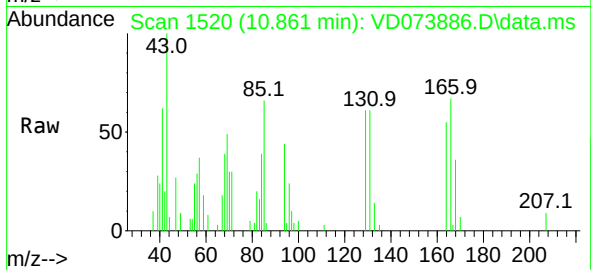




#60
Dibromochloromethane
Concen: 3.556 ug/l
RT: 10.861 min Scan# 11
Delta R.T. -0.271 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

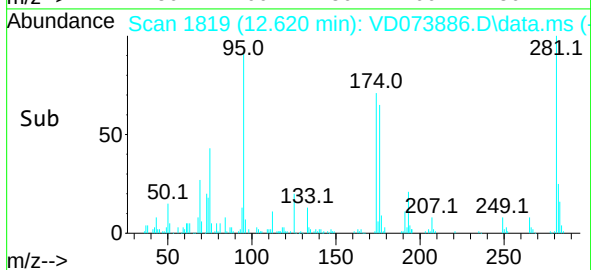
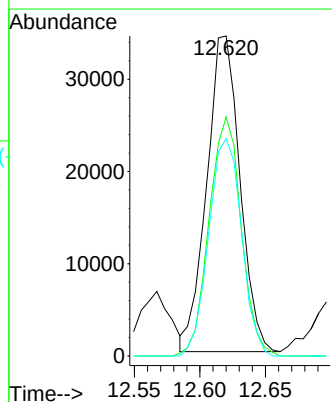
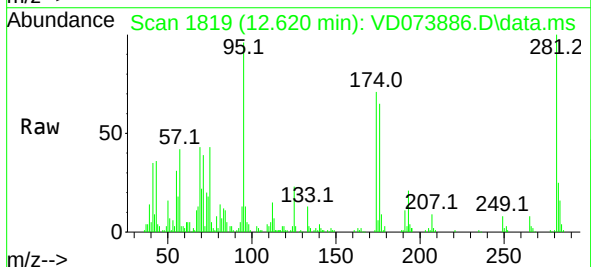
Instrument :
MSVOA_D
ClientSampleId :
TRE-1279-SLUDGE

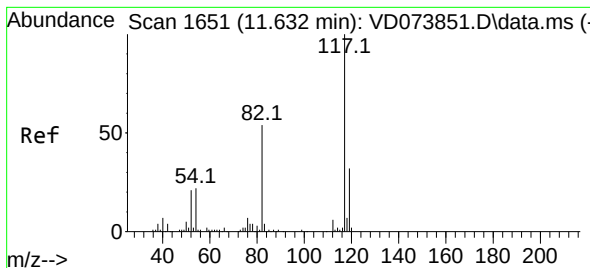
Tgt Ion:129 Resp: 5082
Ion Ratio Lower Upper
129 100
127 0.0 39.2 117.6#



#62
4-Bromofluorobenzene
Concen: 33.503 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

Tgt Ion: 95 Resp: 60268
Ion Ratio Lower Upper
95 100
174 73.0 0.0 152.8
176 68.0 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073886.D

Acq: 20 Jul 2022 18:36

Instrument :

MSVOA_D

ClientSampleId :

TRE-1279-SLUDGE

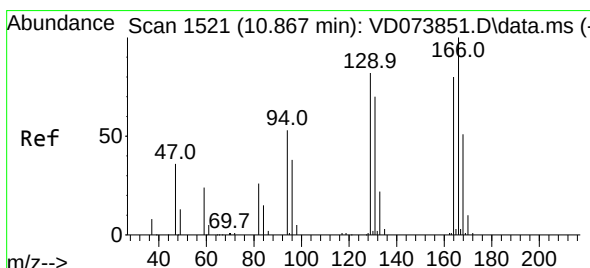
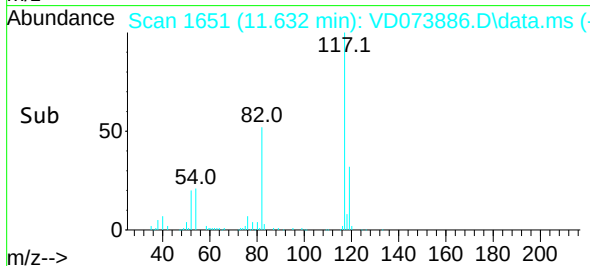
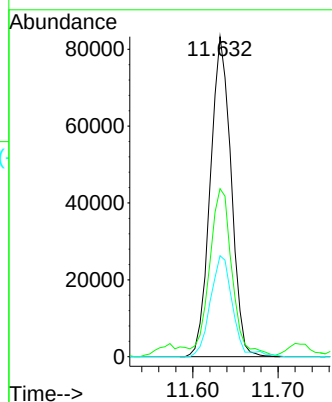
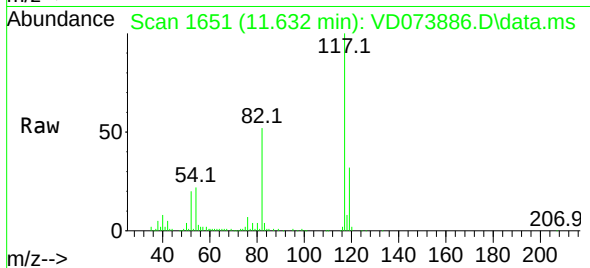
Tgt Ion:117 Resp: 141426

Ion Ratio Lower Upper

117 100

82 51.5 45.3 67.9

119 31.5 26.6 40.0



#64

Tetrachloroethene

Concen: 6.077 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. -0.000 min

Lab File: VD073886.D

Acq: 20 Jul 2022 18:36

Tgt Ion:164 Resp: 5732

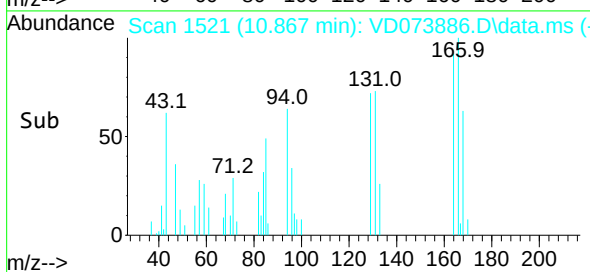
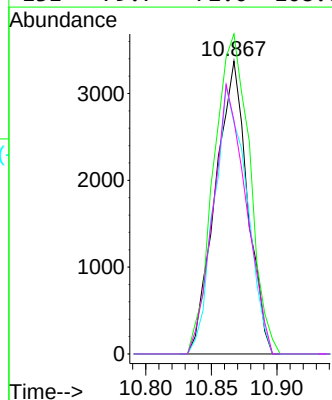
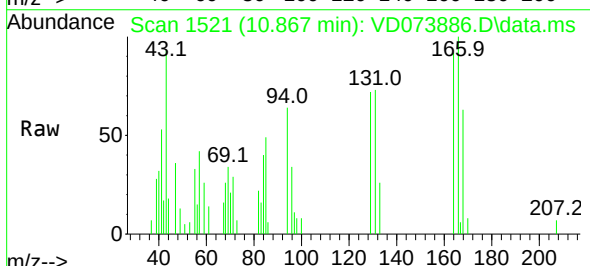
Ion Ratio Lower Upper

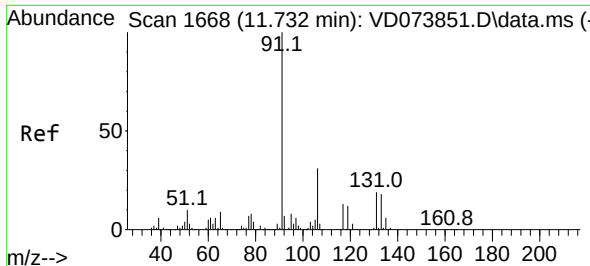
164 100

166 109.3 98.5 147.7

129 79.0 74.6 111.8

131 79.7 72.0 108.0

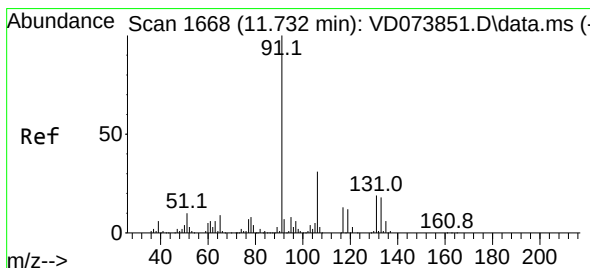
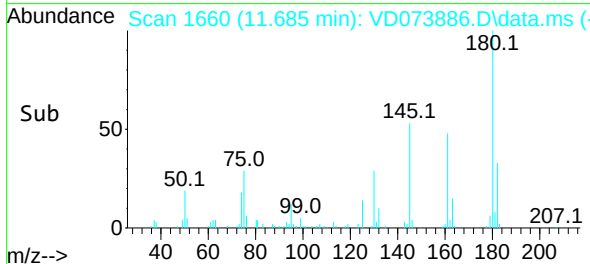
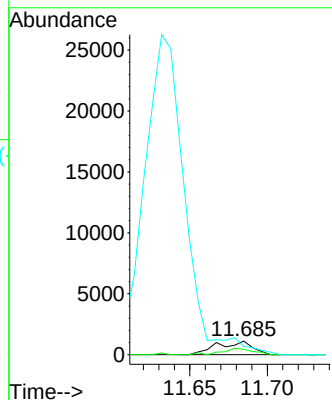
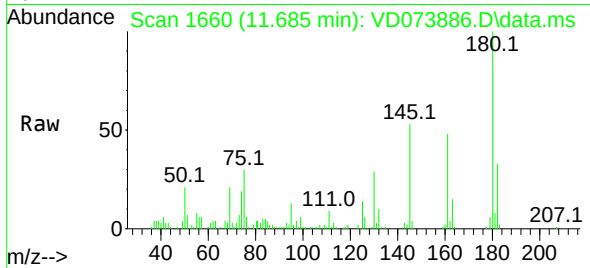




#66
1,1,1,2-Tetrachloroethane
Concen: 1.589 ug/l
RT: 11.685 min Scan# 1660
Delta R.T. -0.047 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

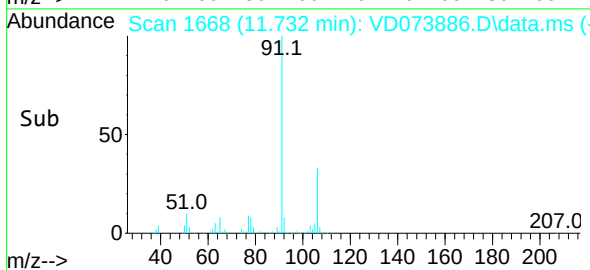
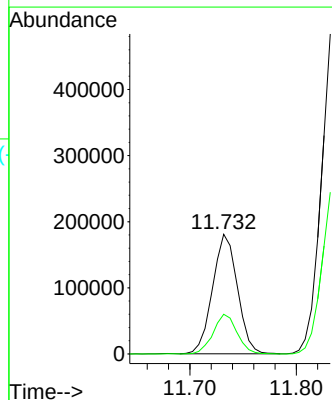
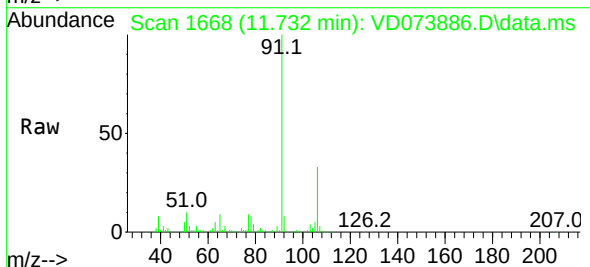
Instrument :
MSVOA_D
ClientSampleId :
TRE-1279-SLUDGE

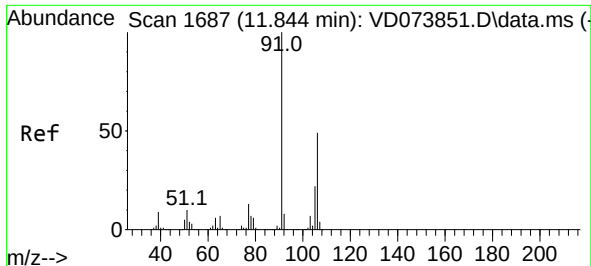
Tgt Ion:131 Resp: 1759
Ion Ratio Lower Upper
131 100
133 40.6 48.1 144.3#
119 0.0 31.9 95.9#



#67
Ethyl Benzene
Concen: 54.425 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

Tgt Ion: 91 Resp: 292696
Ion Ratio Lower Upper
91 100
106 33.3 24.2 36.4

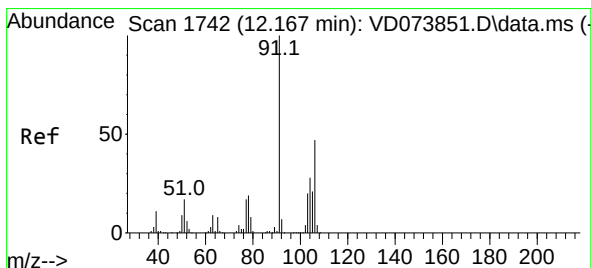
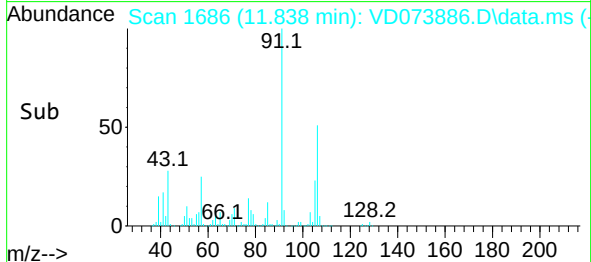
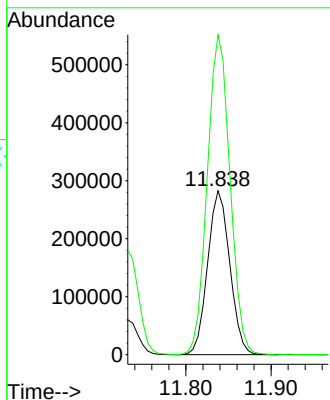
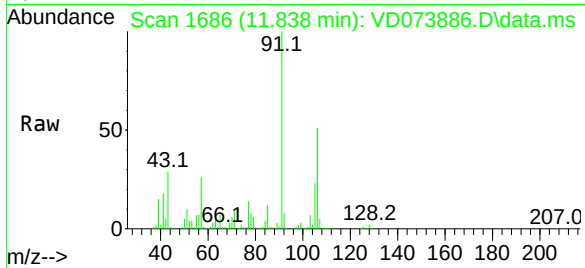




#68
m/p-Xylenes
Concen: 242.910 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

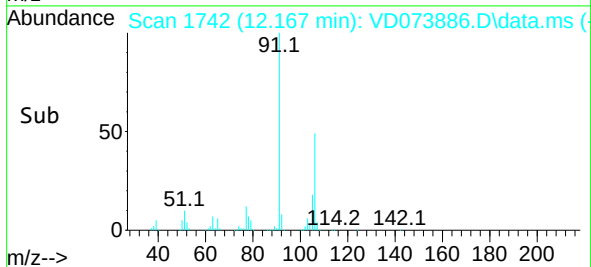
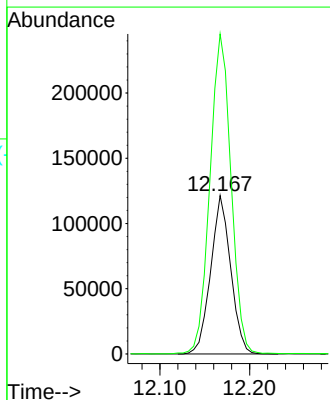
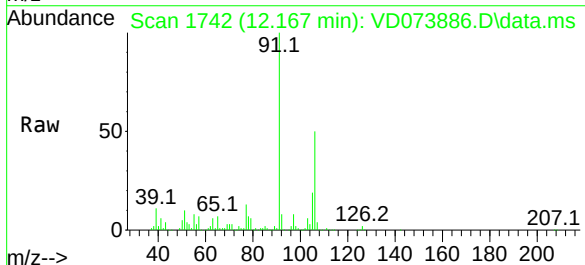
Instrument :
MSVOA_D
ClientSampleId :
TRE-1279-SLUDGE

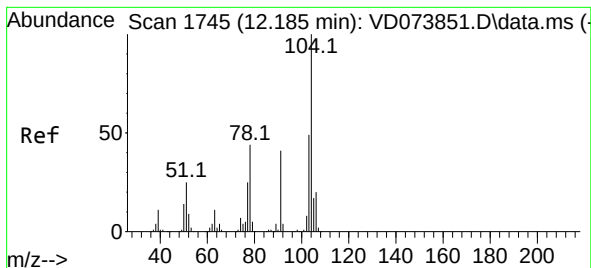
Tgt Ion:106 Resp: 510608
Ion Ratio Lower Upper
106 100
91 199.9 163.7 245.5



#69
o-Xylene
Concen: 95.518 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

Tgt Ion:106 Resp: 187981
Ion Ratio Lower Upper
106 100
91 213.3 110.4 331.2





#70

Styrene

Concen: 3.447 ug/l

RT: 12.167 min Scan# 11

Delta R.T. -0.018 min

Lab File: VD073886.D

Acq: 20 Jul 2022 18:36

Instrument :

MSVOA_D

ClientSampleId :

TRE-1279-SLUDGE

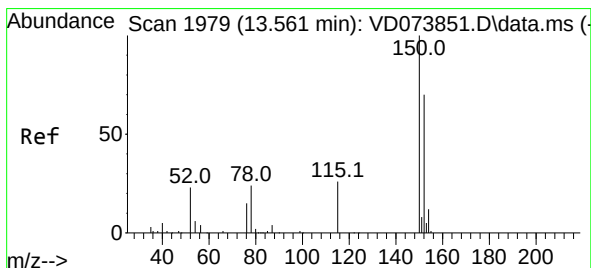
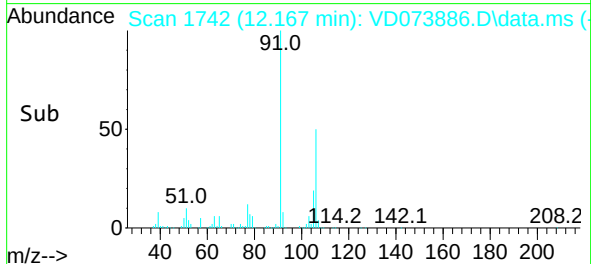
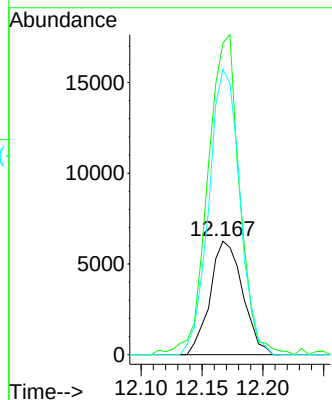
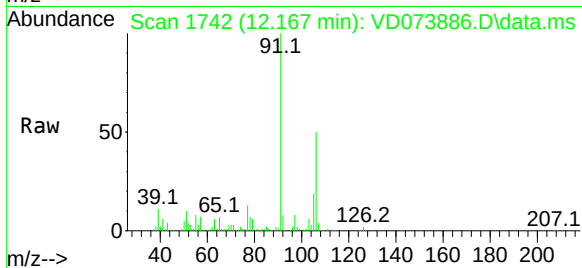
Tgt Ion:104 Resp: 11598

Ion Ratio Lower Upper

104 100

78 275.6 41.8 62.8#

103 240.5 44.2 66.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VD073886.D

Acq: 20 Jul 2022 18:36

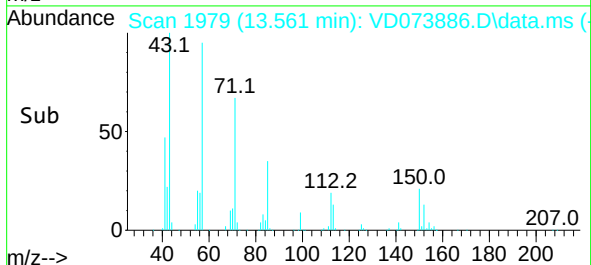
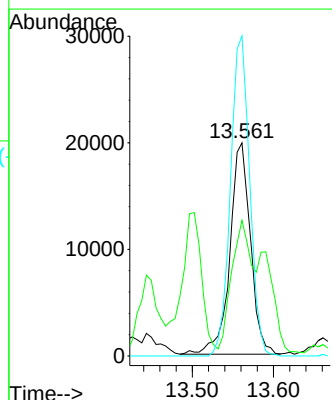
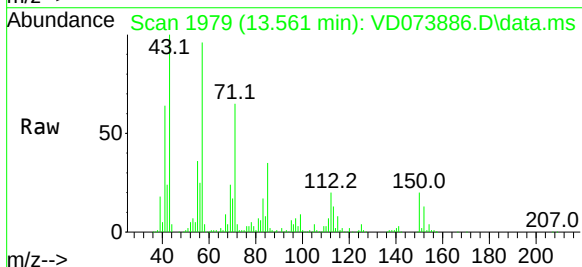
Tgt Ion:152 Resp: 34843

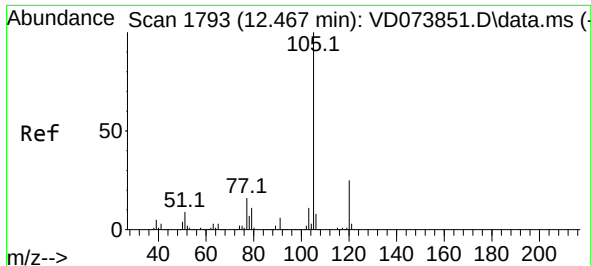
Ion Ratio Lower Upper

152 100

115 61.7 31.3 93.8

150 141.2 0.0 348.6

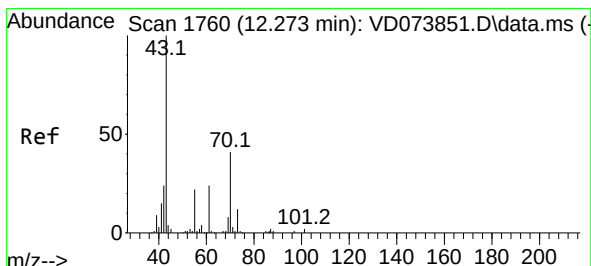
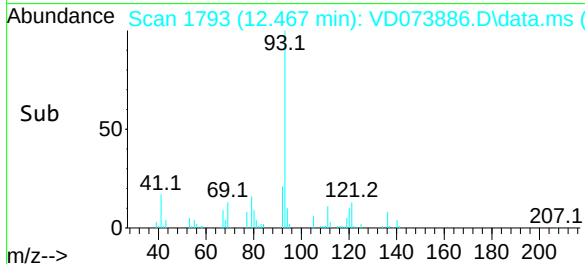
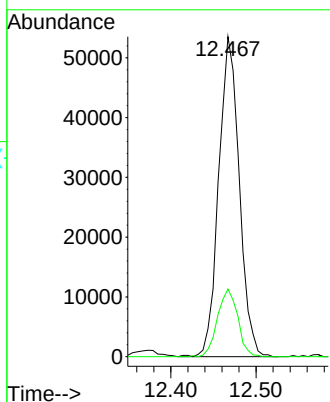
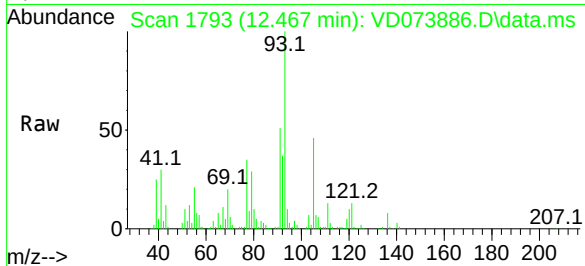




#73
Isopropylbenzene
Concen: 34.080 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

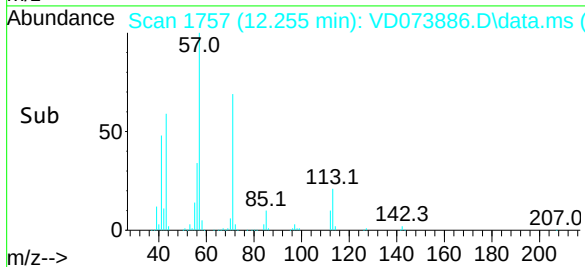
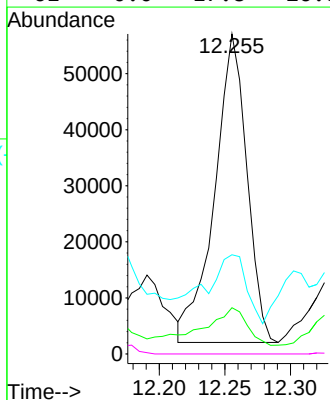
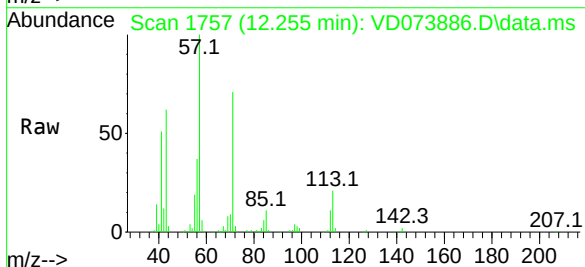
Instrument :
MSVOA_D
ClientSampleId :
TRE-1279-SLUDGE

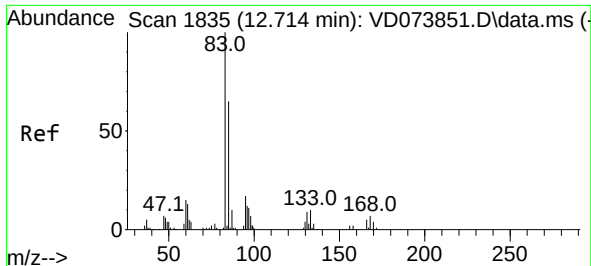
Tgt Ion:105 Resp: 89939
Ion Ratio Lower Upper
105 100
120 20.8 13.0 38.9



#74
N-ethyl acetate
Concen: 180.815 ug/l
RT: 12.255 min Scan# 1757
Delta R.T. -0.018 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

Tgt Ion: 43 Resp: 94124
Ion Ratio Lower Upper
43 100
70 16.6 31.3 46.9#
55 28.5 20.0 30.0
61 0.0 17.8 26.8#

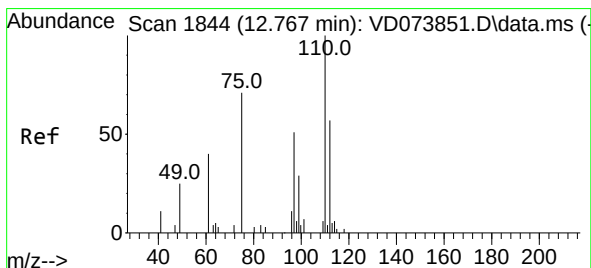
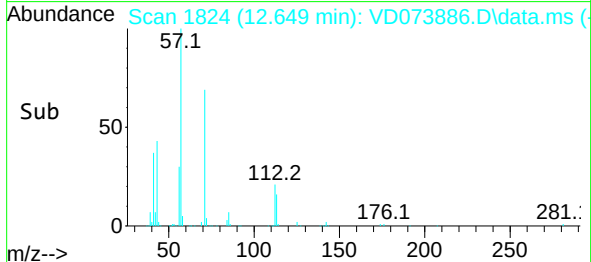
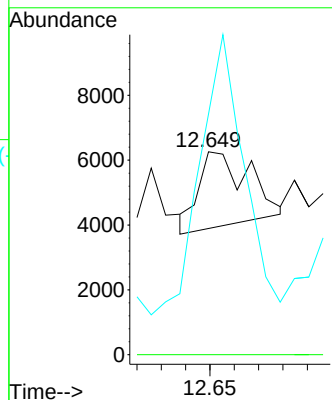
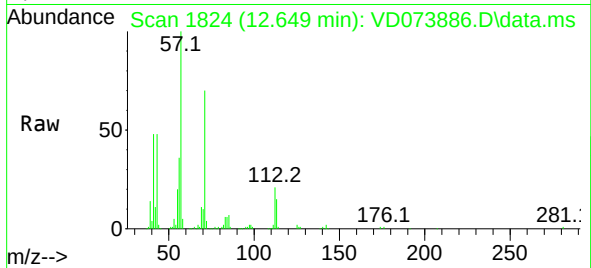




#75
 1,1,2,2-Tetrachloroethane
 Concen: 7.219 ug/l
 RT: 12.649 min Scan# 1824
 Delta R.T. -0.065 min
 Lab File: VD073886.D
 Acq: 20 Jul 2022 18:36

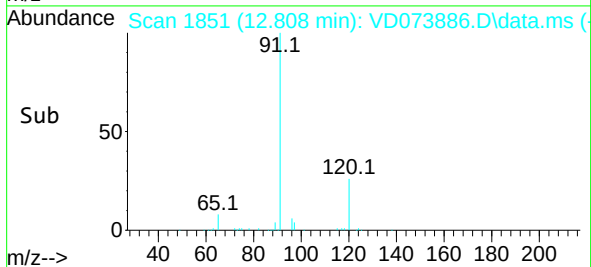
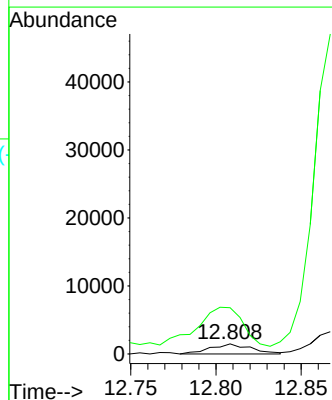
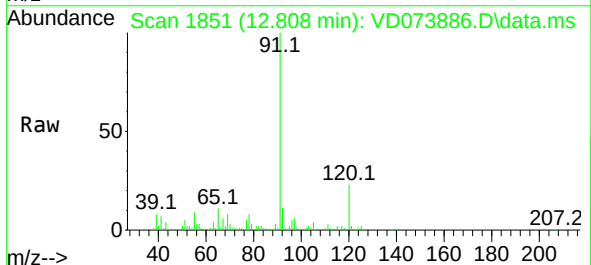
Instrument :
 MSVOA_D
 ClientSampleId :
 TRE-1279-SLUDGE

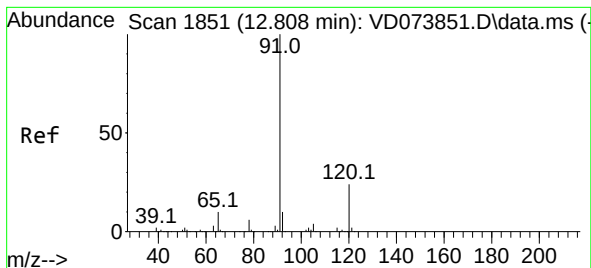
Tgt Ion: 83 Resp: 3293
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 14.9#
 85 349.0 32.6 98.0#



#76
 1,2,3-Trichloropropane
 Concen: 6.615 ug/l
 RT: 12.808 min Scan# 1851
 Delta R.T. 0.041 min
 Lab File: VD073886.D
 Acq: 20 Jul 2022 18:36

Tgt Ion: 75 Resp: 2473
 Ion Ratio Lower Upper
 75 100
 77 432.4 0.0 0.0#





#78

n-propylbenzene

Concen: 71.798 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VD073886.D

Acq: 20 Jul 2022 18:36

Instrument :

MSVOA_D

ClientSampleId :

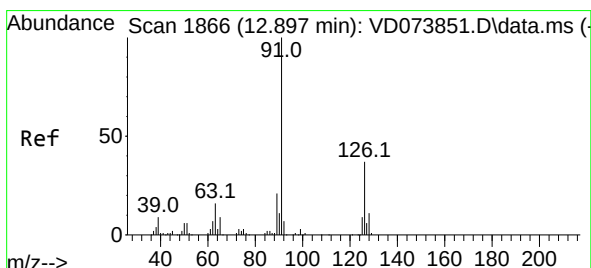
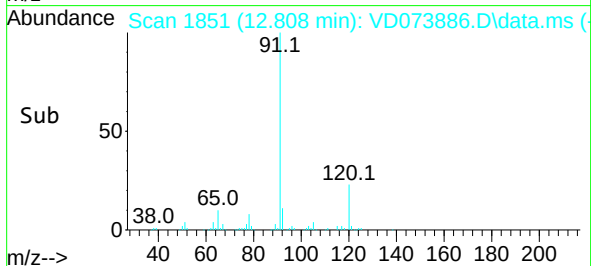
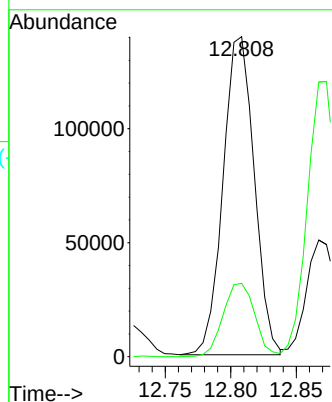
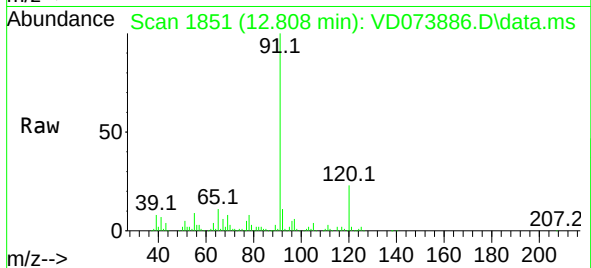
TRE-1279-SLUDGE

Tgt Ion: 91 Resp: 231146

Ion Ratio Lower Upper

91 100

120 23.5 10.9 32.9



#79

2-Chlorotoluene

Concen: 43.969 ug/l

RT: 12.867 min Scan# 1861

Delta R.T. -0.029 min

Lab File: VD073886.D

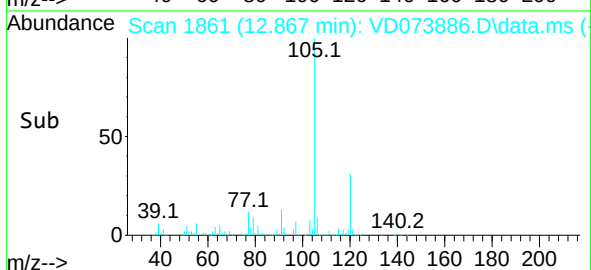
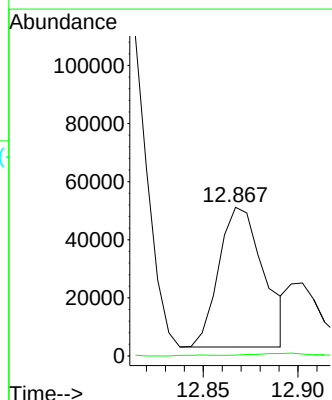
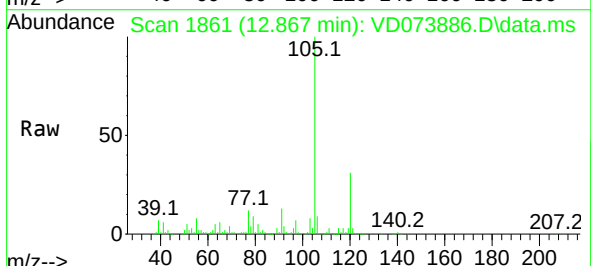
Acq: 20 Jul 2022 18:36

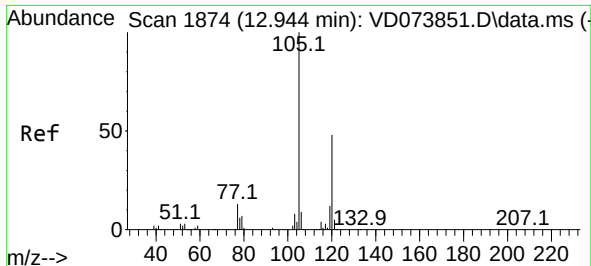
Tgt Ion: 91 Resp: 79408

Ion Ratio Lower Upper

91 100

126 0.6 16.2 48.6#

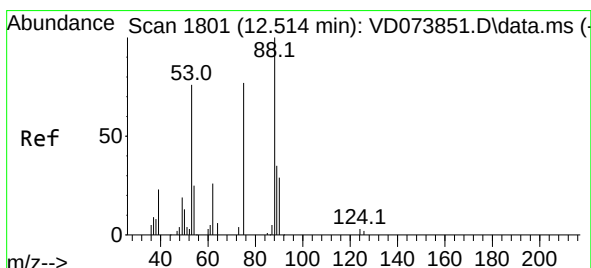
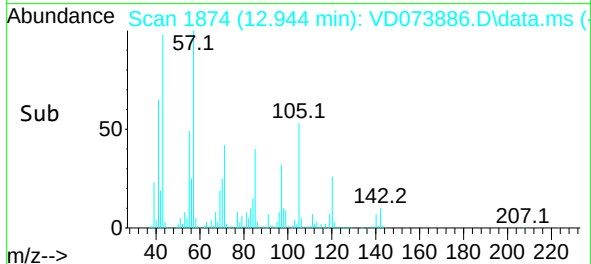
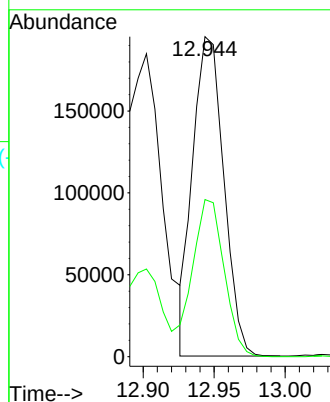
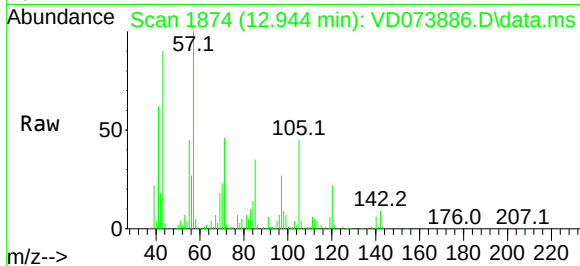




#80
 1,3,5-Trimethylbenzene
 Concen: 132.943 ug/l
 RT: 12.944 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD073886.D
 Acq: 20 Jul 2022 18:36

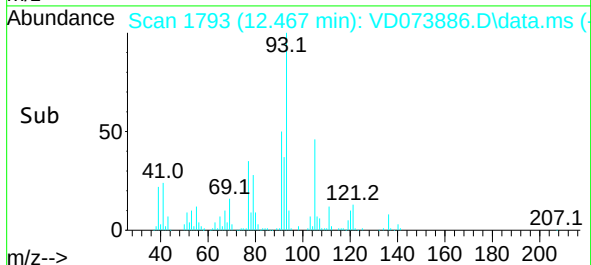
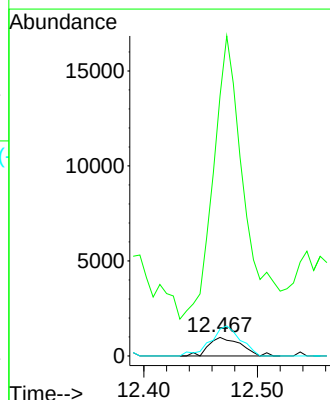
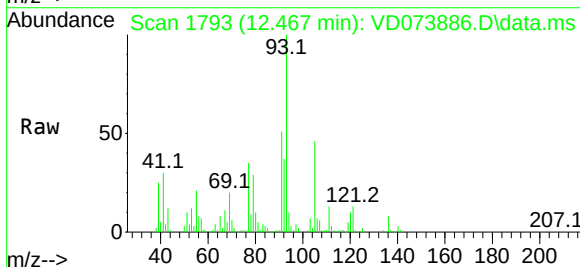
Instrument :
 MSVOA_D
 ClientSampleId :
 TRE-1279-SLUDGE

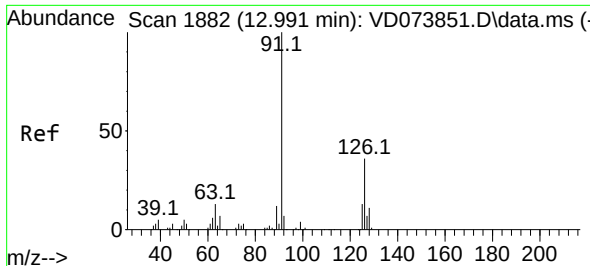
Tgt Ion:105 Resp: 295738
 Ion Ratio Lower Upper
 105 100
 120 51.0 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 13.916 ug/l
 RT: 12.467 min Scan# 1793
 Delta R.T. -0.047 min
 Lab File: VD073886.D
 Acq: 20 Jul 2022 18:36

Tgt Ion: 75 Resp: 1928
 Ion Ratio Lower Upper
 75 100
 53 1438.2 86.5 129.7#
 89 149.4 33.9 50.9#

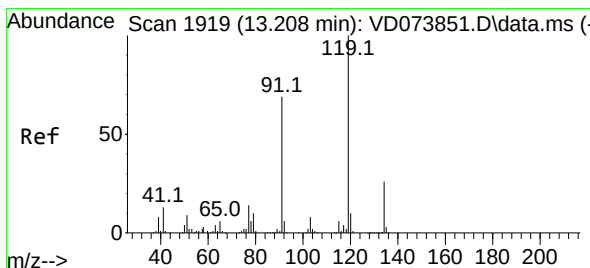
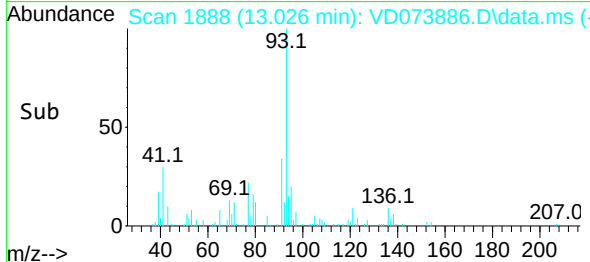
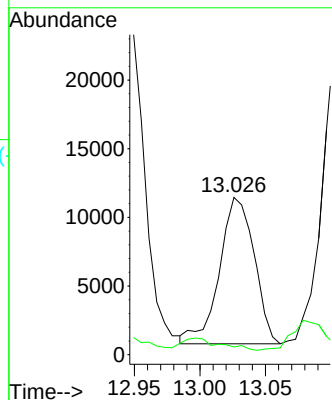
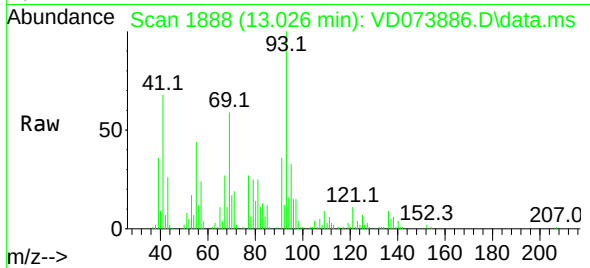




#82
4-Chlorotoluene
Concen: 10.315 ug/l
RT: 13.026 min Scan# 1888
Delta R.T. 0.035 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

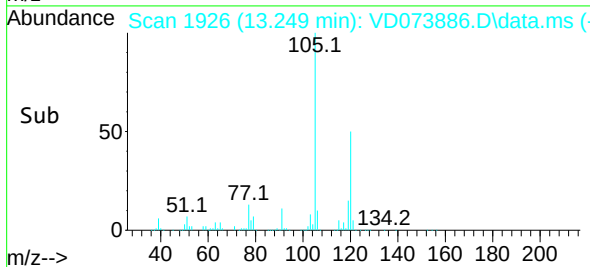
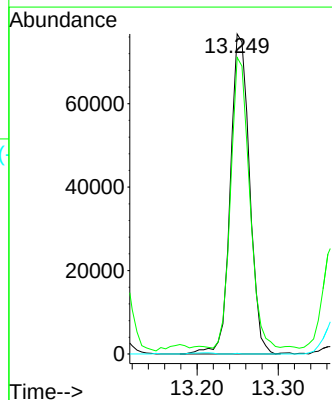
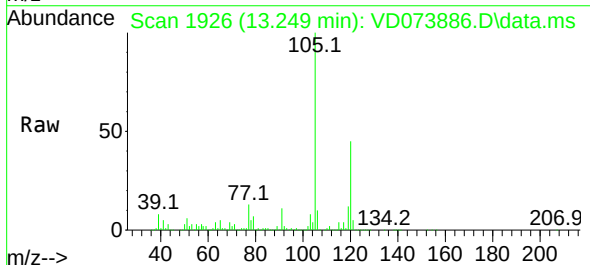
Instrument :
MSVOA_D
ClientSampleId :
TRE-1279-SLUDGE

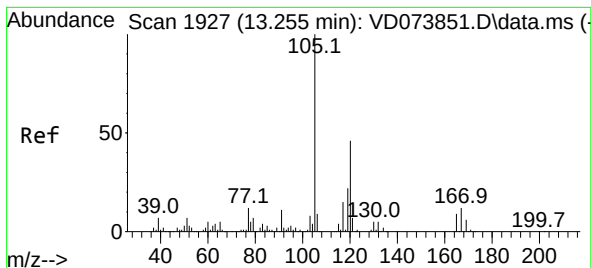
Tgt Ion: 91 Resp: 19701
Ion Ratio Lower Upper
91 100
126 0.0 16.5 49.5#



#83
tert-Butylbenzene
Concen: 66.090 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. 0.041 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

Tgt Ion: 119 Resp: 125702
Ion Ratio Lower Upper
119 100
91 88.9 34.8 104.5
134 0.0 13.3 39.9#





#84

1,2,4-Trimethylbenzene

Concen: 461.149 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VD073886.D

Acq: 20 Jul 2022 18:36

Instrument :

MSVOA_D

ClientSampleId :

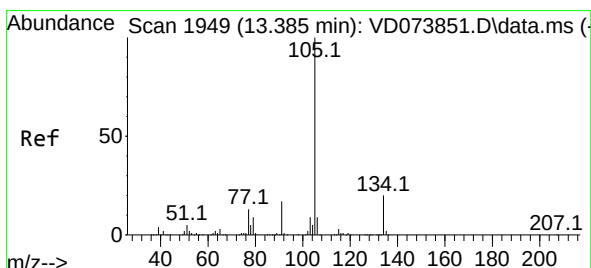
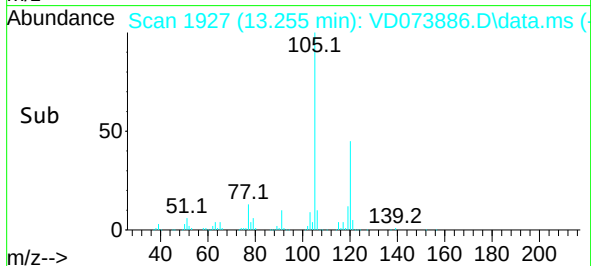
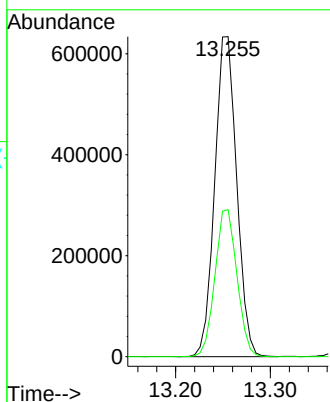
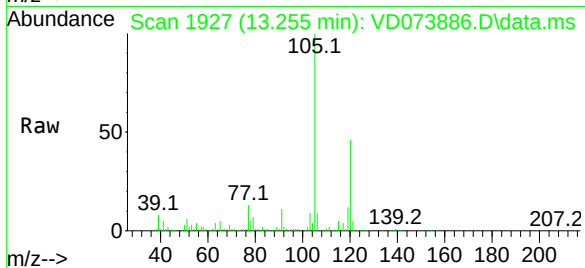
TRE-1279-SLUDGE

Tgt Ion:105 Resp: 1021786

Ion Ratio Lower Upper

105 100

120 46.0 22.3 66.8



#85

sec-Butylbenzene

Concen: 42.651 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VD073886.D

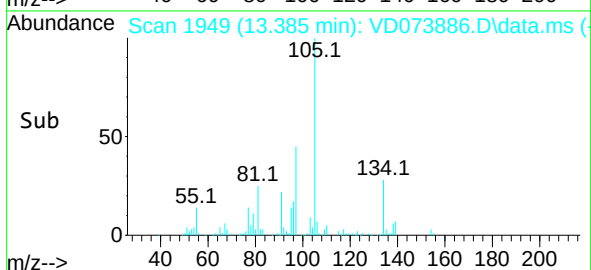
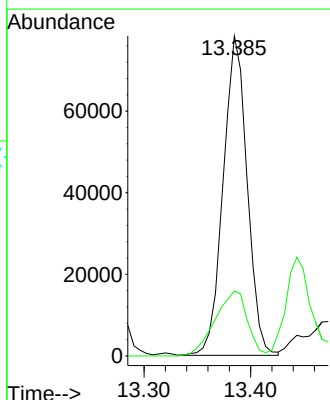
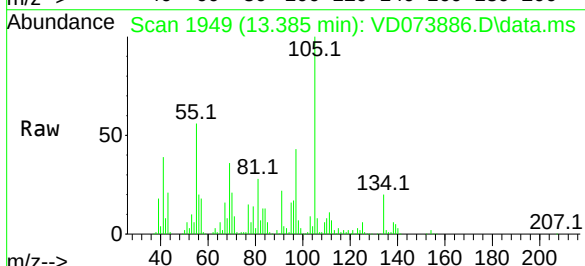
Acq: 20 Jul 2022 18:36

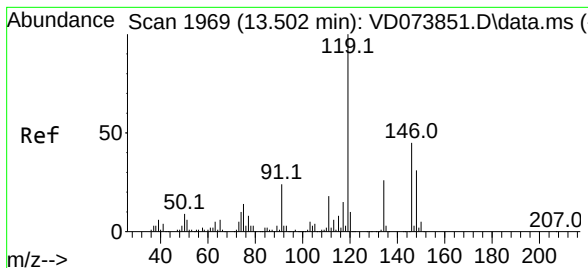
Tgt Ion:105 Resp: 122324

Ion Ratio Lower Upper

105 100

134 27.4 9.8 29.3

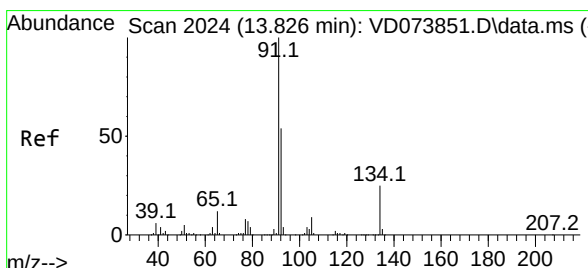
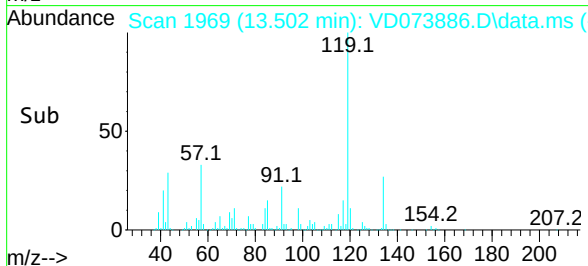
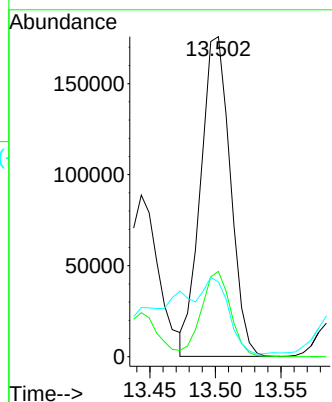
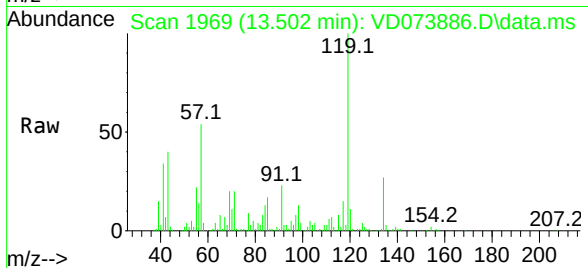




#86
p-Isopropyltoluene
Concen: 114.783 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

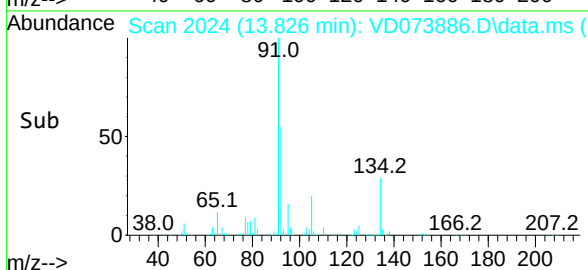
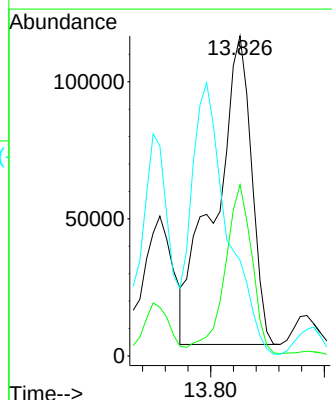
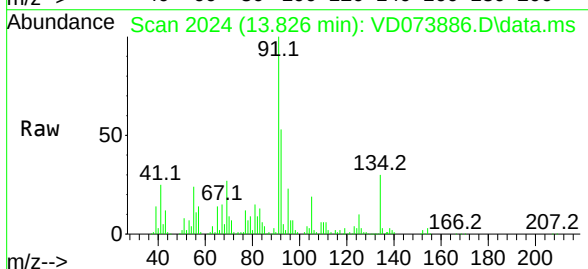
Instrument :
MSVOA_D
ClientSampleId :
TRE-1279-SLUDGE

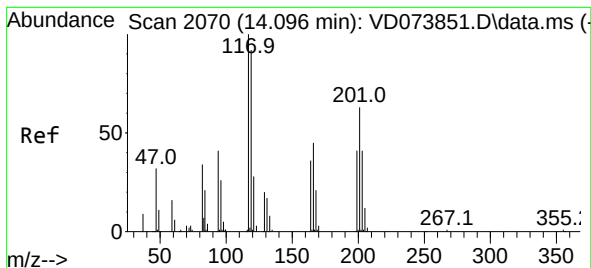
Tgt Ion:119 Resp: 277201
Ion Ratio Lower Upper
119 100
134 26.1 12.9 38.6
91 21.0 12.1 36.3



#89
n-Butylbenzene
Concen: 109.174 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

Tgt Ion: 91 Resp: 250327
Ion Ratio Lower Upper
91 100
92 41.0 26.6 79.8
134 0.0 12.3 36.9#





#90

Hexachloroethane

Concen: 82.250 ug/l

RT: 14.102 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VD073886.D

Acq: 20 Jul 2022 18:36

Instrument :

MSVOA_D

ClientSampleId :

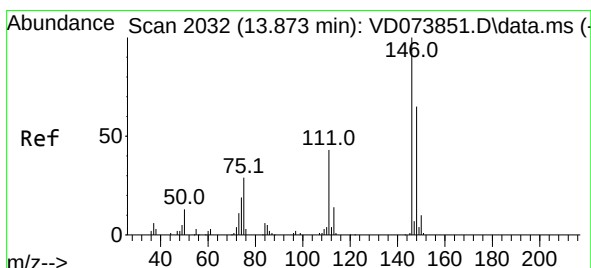
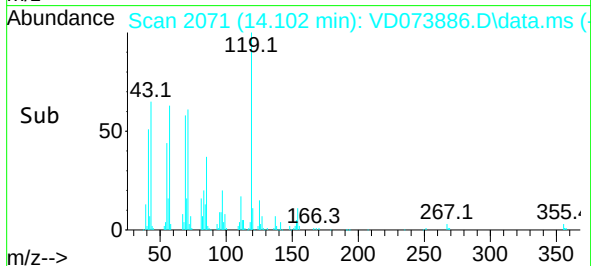
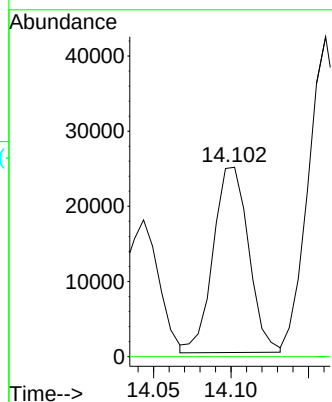
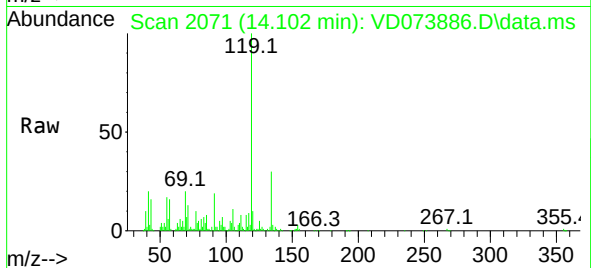
TRE-1279-SLUDGE

Tgt Ion:117 Resp: 39251

Ion Ratio Lower Upper

117 100

201 0.0 33.4 100.2#



#91

1,2-Dichlorobenzene

Concen: 1.041 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.006 min

Lab File: VD073886.D

Acq: 20 Jul 2022 18:36

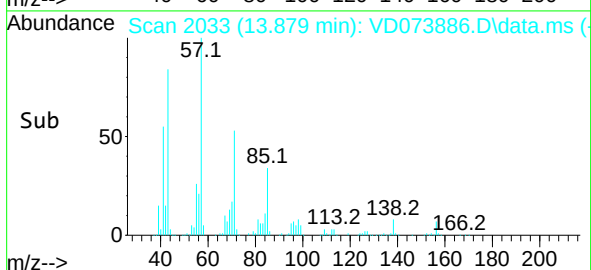
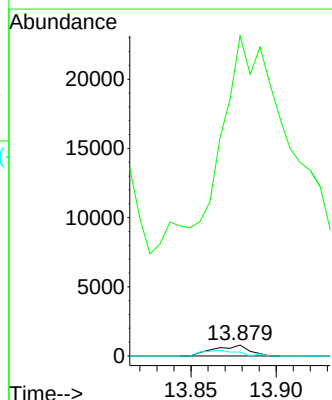
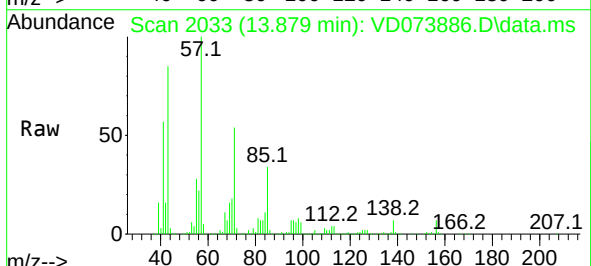
Tgt Ion:146 Resp: 1105

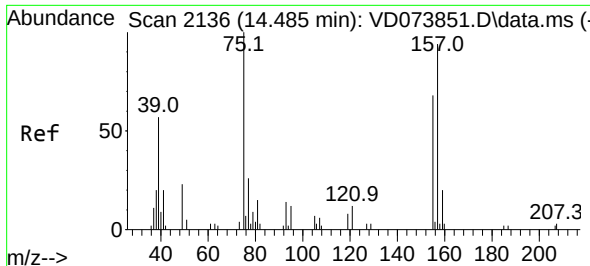
Ion Ratio Lower Upper

146 100

111 5366.8 21.1 63.3#

148 56.7 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 27.639 ug/l

RT: 14.514 min Scan# 2136

Delta R.T. 0.029 min

Lab File: VD073886.D

Acq: 20 Jul 2022 18:36

Instrument :

MSVOA_D

ClientSampleId :

TRE-1279-SLUDGE

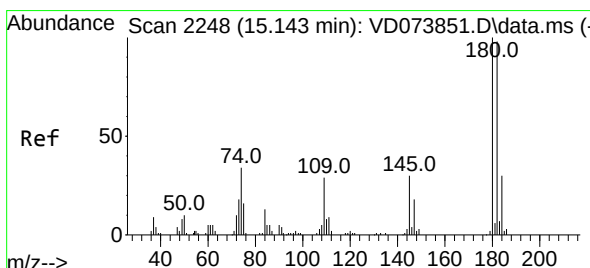
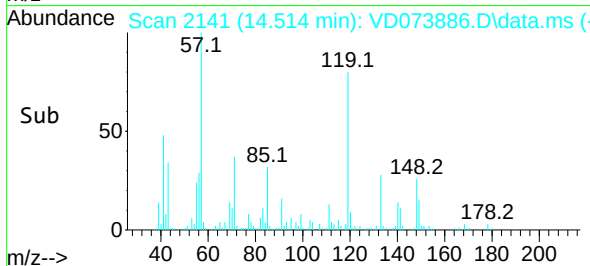
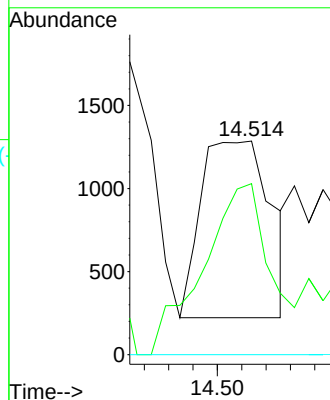
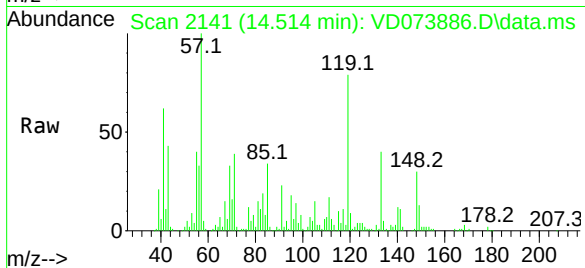
Tgt Ion: 75 Resp: 2117

Ion Ratio Lower Upper

75 100

155 93.6 36.8 110.3

157 0.0 48.4 145.0#



#93

1,2,4-Trichlorobenzene

Concen: 2.265 ug/l

RT: 15.149 min Scan# 2249

Delta R.T. 0.006 min

Lab File: VD073886.D

Acq: 20 Jul 2022 18:36

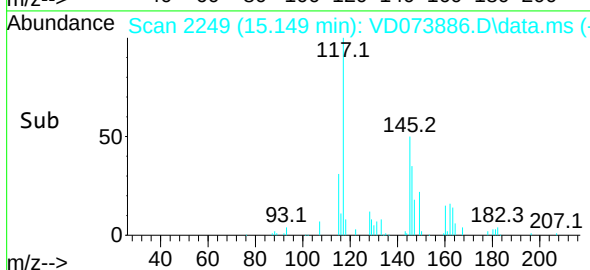
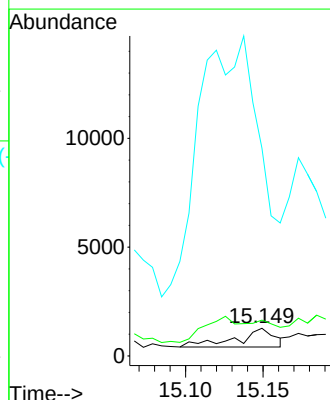
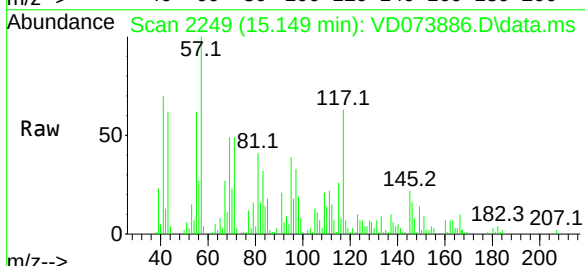
Tgt Ion:180 Resp: 1467

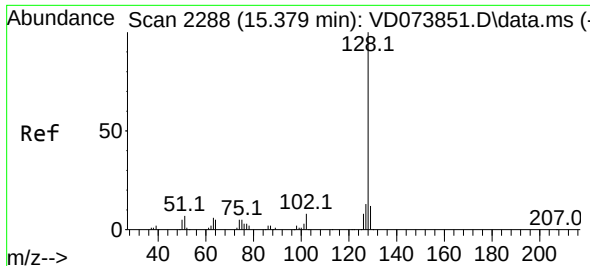
Ion Ratio Lower Upper

180 100

182 0.0 47.3 142.0#

145 0.0 16.2 48.5#

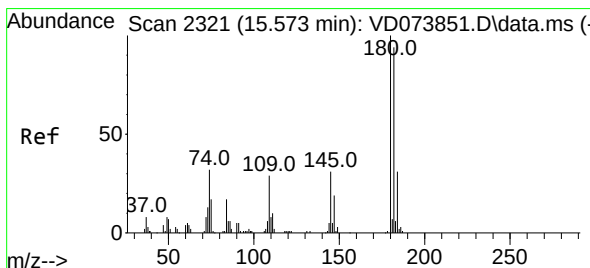
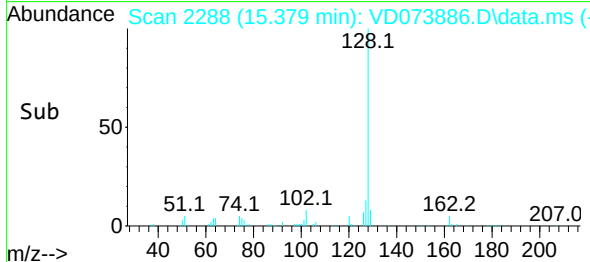
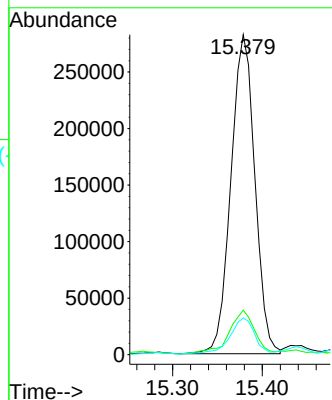
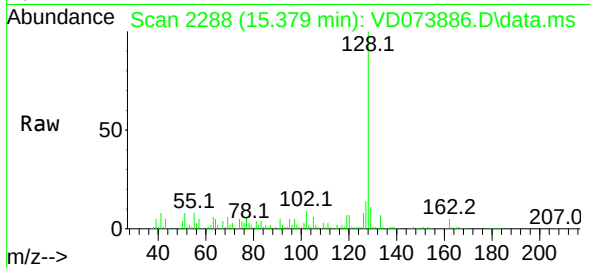




#95
Naphthalene
Concen: 450.061 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

Instrument :
MSVOA_D
ClientSampleId :
TRE-1279-SLUDGE

Tgt Ion:128 Resp: 524058
Ion Ratio Lower Upper
128 100
127 14.5 10.3 15.5
129 11.7 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 10.122 ug/l
RT: 15.596 min Scan# 2325
Delta R.T. 0.024 min
Lab File: VD073886.D
Acq: 20 Jul 2022 18:36

Tgt Ion:180 Resp: 5575
Ion Ratio Lower Upper
180 100
182 10.5 47.6 142.9#
145 0.0 17.1 51.3#

