

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020149.D
 Acq On : 19 Dec 2020 05:05
 Operator : JC/MD
 Sample : L5126-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20071-OILY-DEBRIS-TCLP

Quant Time: Dec 19 06:39:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

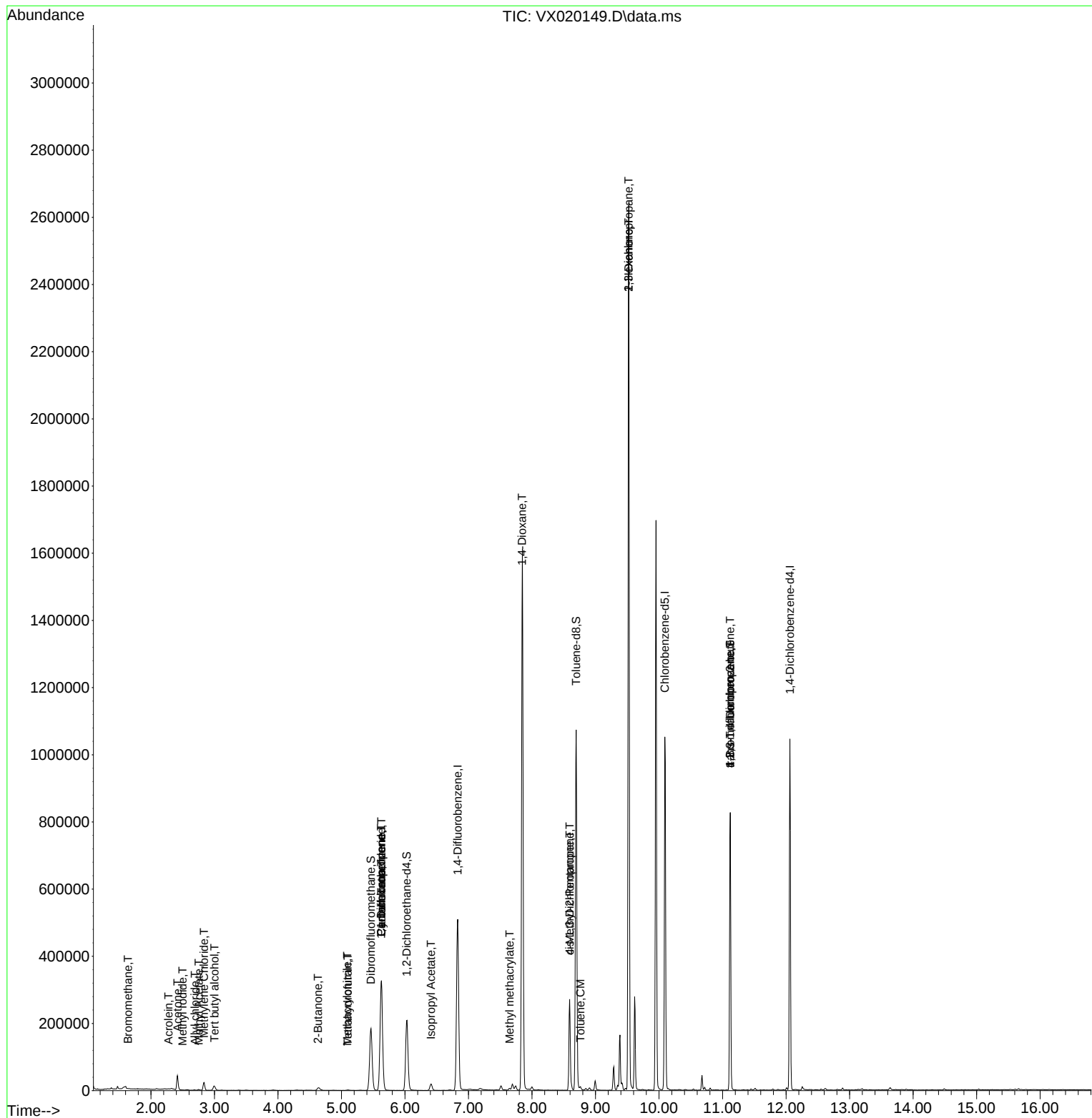
Internal Standards						
1) Pentafluorobenzene	5.629	168	312026	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	526244	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	487018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	211239	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	199631	47.73	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.46%		
35) Dibromofluoromethane	5.464	113	162043	48.14	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.28%		
50) Toluene-d8	8.695	98	642252	49.56	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.12%		
62) 4-Bromofluorobenzene	11.122	95	231074	46.59	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.18%		
Target Compounds						Qvalue
5) Bromomethane	1.636	94	767	0.56	ug/l #	79
10) Methyl Iodide	2.495	142	320	3.36	ug/l #	73
11) Tert butyl alcohol	3.001	59	10358	11.06	ug/l #	89
13) Acrolein	2.276	56	270	0.46	ug/l #	21
14) Allyl chloride	2.690	41	1319	0.23	ug/l #	51
16) Acetone	2.416	43	42622	22.35	ug/l	100
18) Methyl Acetate	2.751	43	3477	0.82	ug/l #	88
20) Methylene Chloride	2.837	84	10867	2.53	ug/l	98
25) 2-Butanone	4.629	43	10951	3.95	ug/l #	84
29) Tetrahydrofuran	5.099	42	1309	0.75	ug/l #	71
31) Cyclohexane	5.629	56	6309	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	23461	4.51	ug/l #	48
38) Carbon Tetrachloride	5.629	117	30856	6.24	ug/l #	16
41) Methacrylonitrile	5.092	41	933	0.32	ug/l #	41
43) Isopropyl Acetate	6.409	43	24724	2.90	ug/l	99
48) Methyl methacrylate	7.647	41	7361	1.76	ug/l #	10
49) 1,4-Dioxane	7.842	88	271	2.77	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	86667	16.41	ug/l #	48
52) Toluene	8.763	92	2415	0.24	ug/l	88
54) cis-1,3-Dichloropropene	8.592	75	44264	6.87	ug/l #	60
57) 1,3-Dichloropropane	9.519	76	23486	3.39	ug/l #	43
59) 2-Hexanone	9.519	43	286206	71.10	ug/l #	47
76) 1,2,3-Trichloropropane	11.122	75	109438	21.03	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	109438	62.40	ug/l #	12

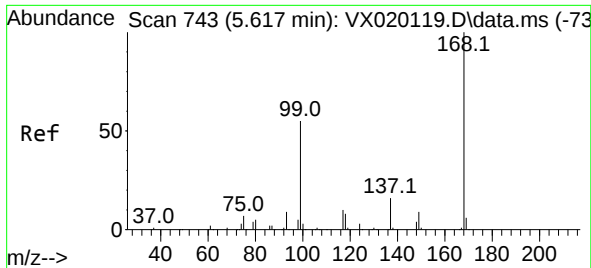
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
Data File : VX020149.D
Acq On : 19 Dec 2020 05:05
Operator : JC/MD
Sample : L5126-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
20071-OILY-DEBRIS-TCLP

Quant Time: Dec 19 06:39:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

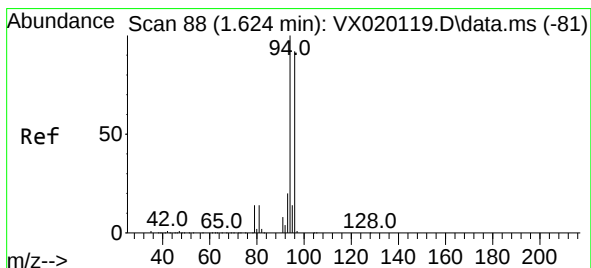
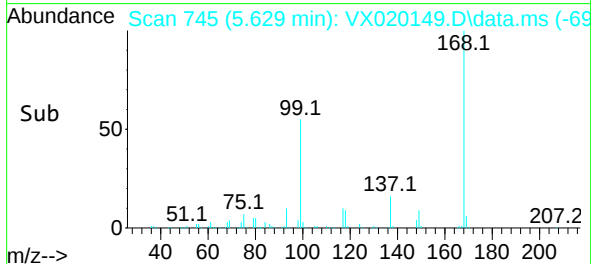
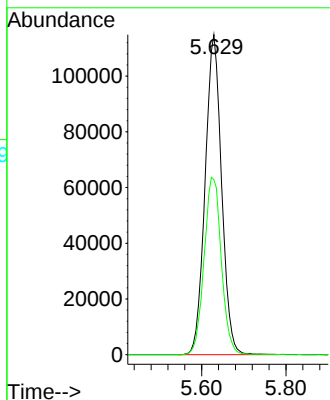
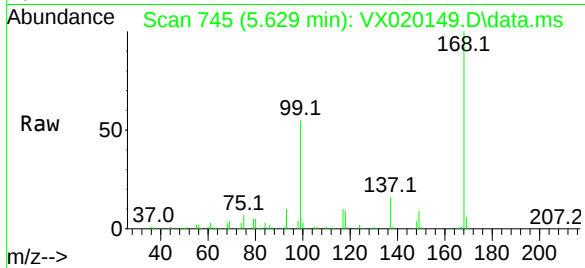




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

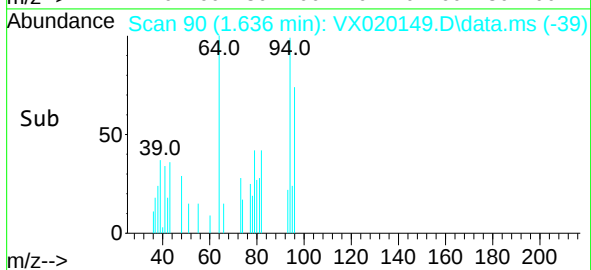
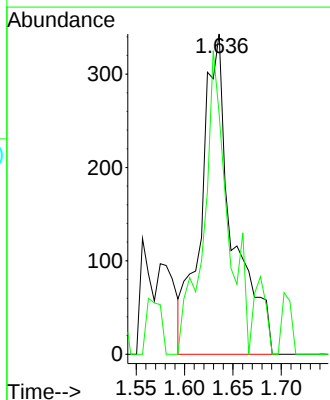
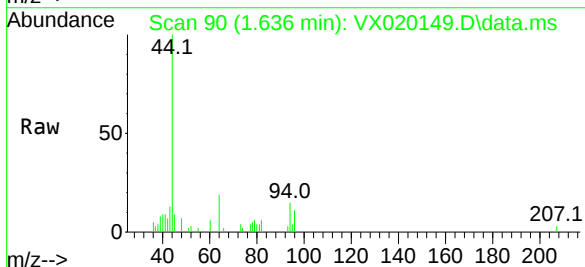
Instrument :
MSVOA_X
ClientSampleId :
20071-OILY-DEBRIS-TCLP

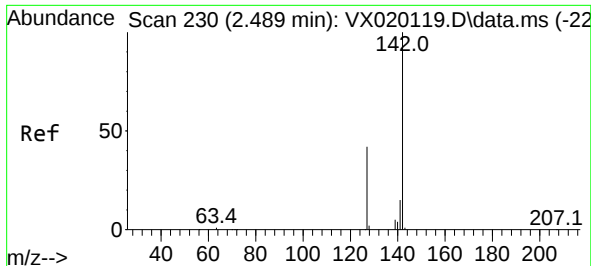
Tgt Ion:168 Resp: 312026
Ion Ratio Lower Upper
168 100
99 54.7 45.8 68.6



#5
Bromomethane
Concen: 0.56 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

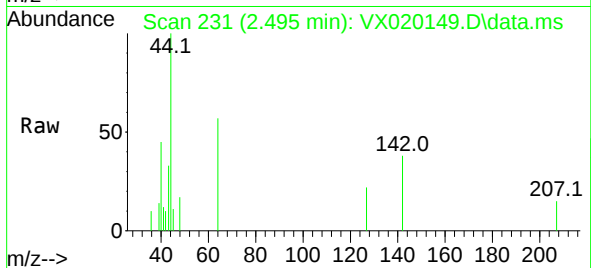
Tgt Ion: 94 Resp: 767
Ion Ratio Lower Upper
94 100
96 74.9 76.4 114.6#



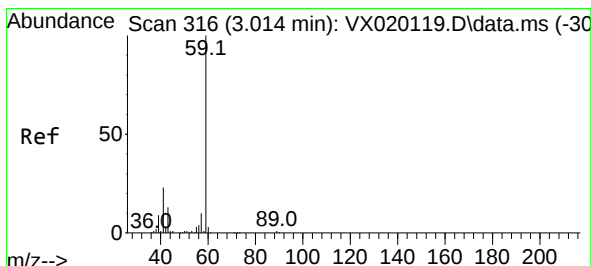
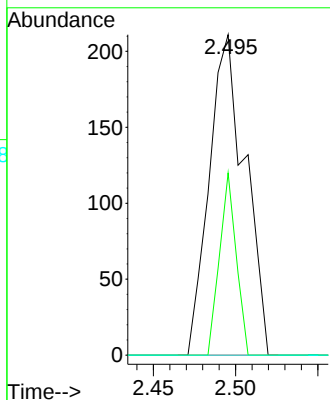
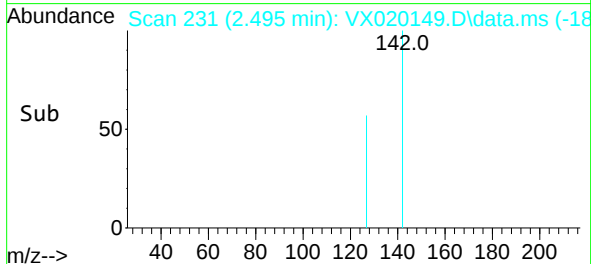


#10
Methyl Iodide
Concen: 3.36 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

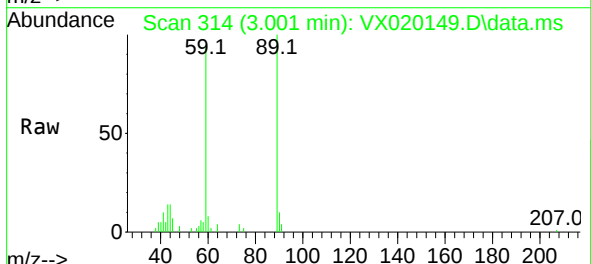
Instrument :
MSVOA_X
ClientSampleId :
20071-OILY-DEBRIS-TCLP



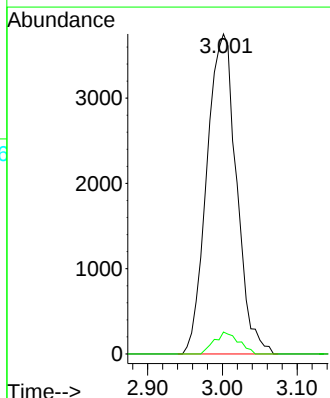
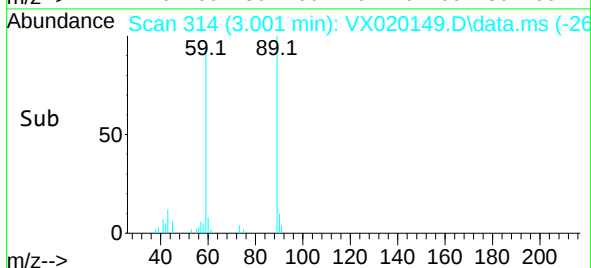
Tgt Ion:142 Resp: 320
Ion Ratio Lower Upper
142 100
127 26.3 33.3 49.9#
141 0.0 11.4 17.0#

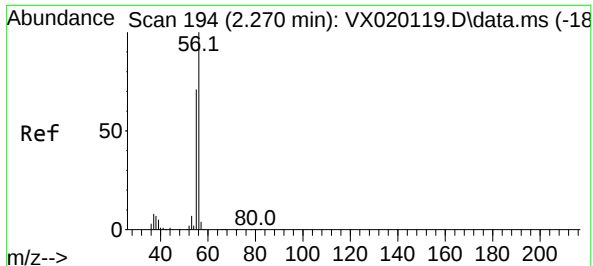


#11
Tert butyl alcohol
Concen: 11.06 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05



Tgt Ion: 59 Resp: 10358
Ion Ratio Lower Upper
59 100
57 5.6 7.8 11.8#

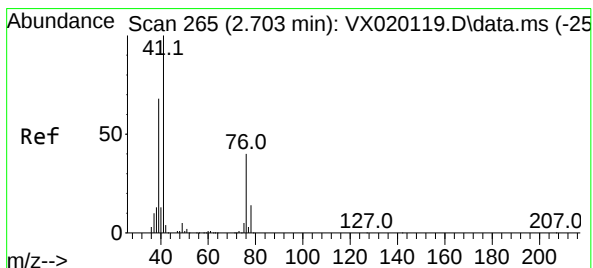
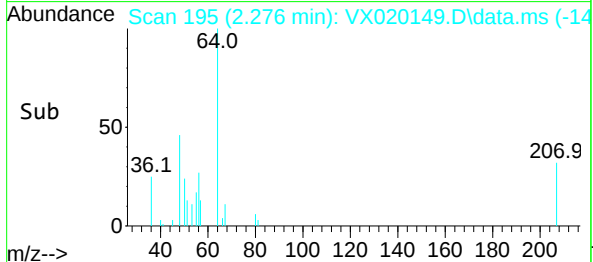
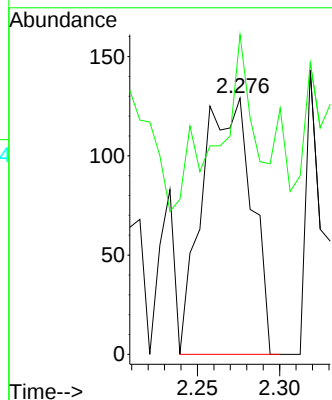
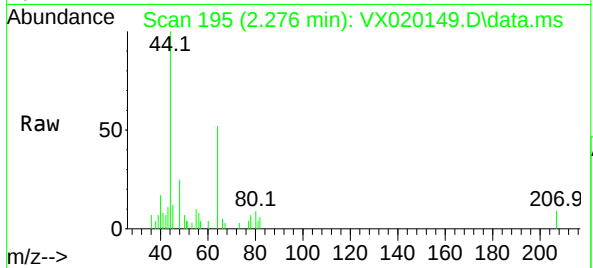




#13
Acrolein
Concen: 0.46 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

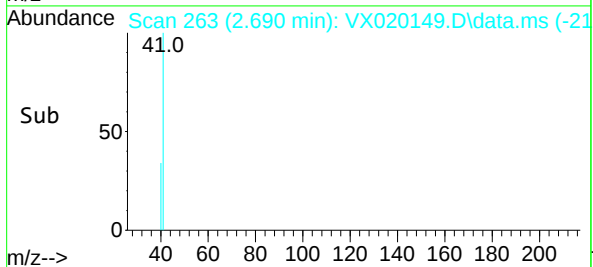
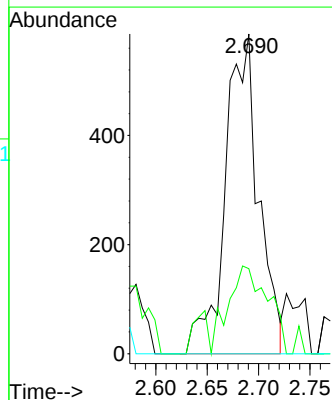
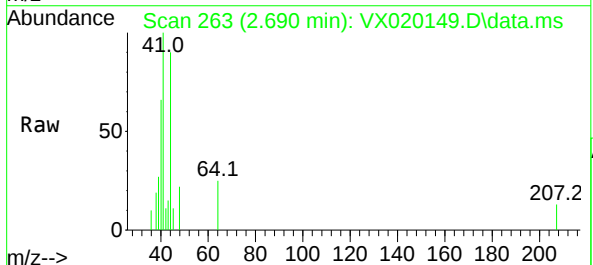
Instrument :
MSVOA_X
ClientSampleId :
20071-OILY-DEBRIS-TCLP

Tgt Ion: 56 Resp: 270
Ion Ratio Lower Upper
56 100
55 135.6 56.4 84.6#



#14
Allyl chloride
Concen: 0.23 ug/l
RT: 2.690 min Scan# 263
Delta R.T. -0.013 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

Tgt Ion: 41 Resp: 1319
Ion Ratio Lower Upper
41 100
39 32.8 51.6 77.4#
76 0.0 30.5 45.7#

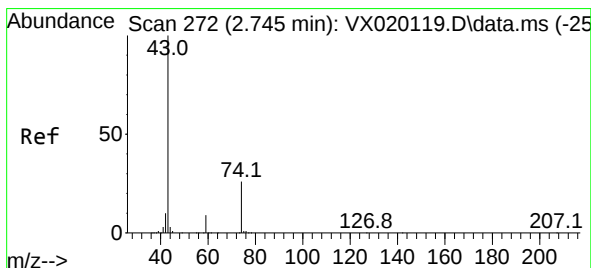
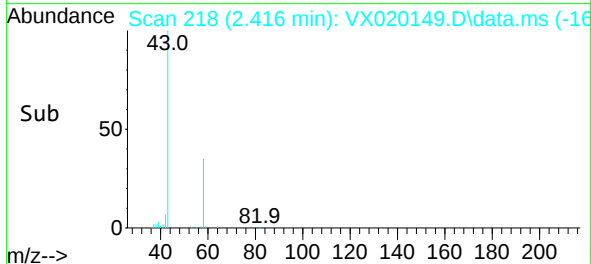
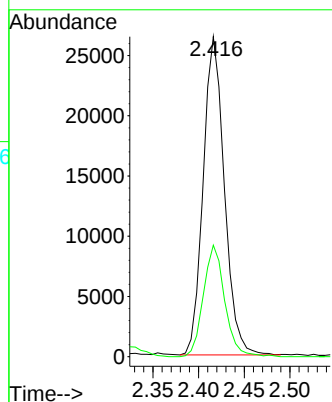
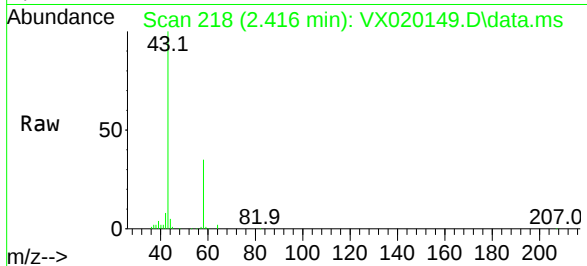




#16
Acetone
Concen: 22.35 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

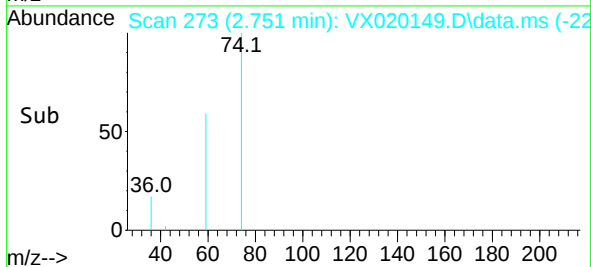
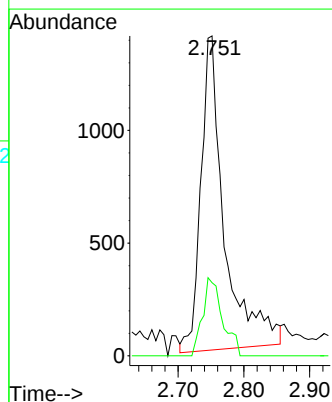
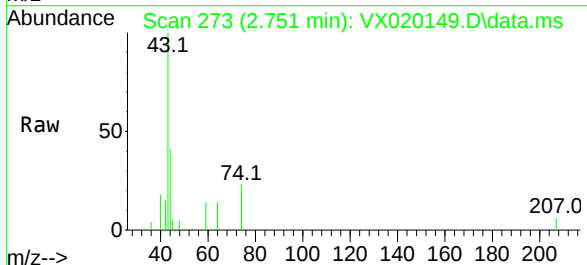
Instrument :
MSVOA_X
ClientSampleId :
20071-OILY-DEBRIS-TCLP

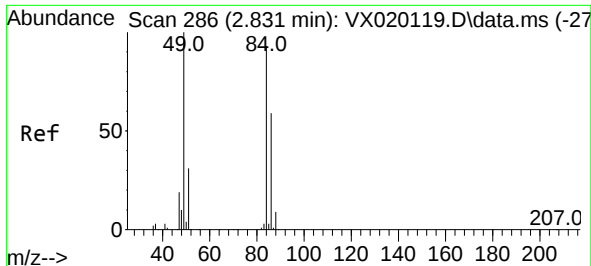
Tgt Ion: 43 Resp: 42622
Ion Ratio Lower Upper
43 100
58 35.0 27.8 41.8



#18
Methyl Acetate
Concen: 0.82 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

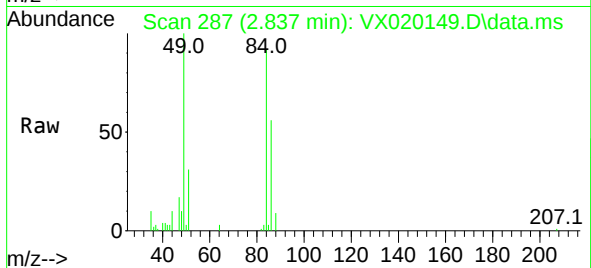
Tgt Ion: 43 Resp: 3477
Ion Ratio Lower Upper
43 100
74 21.0 21.9 32.9#



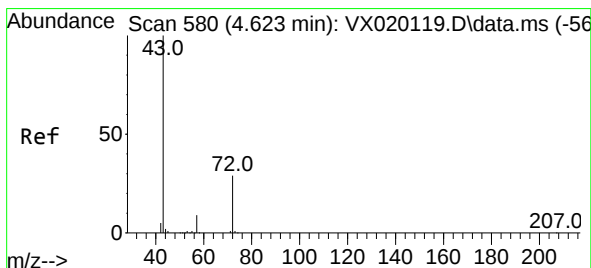
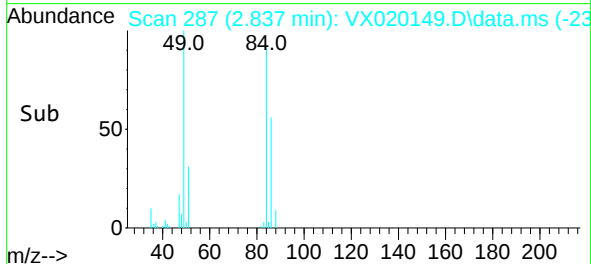
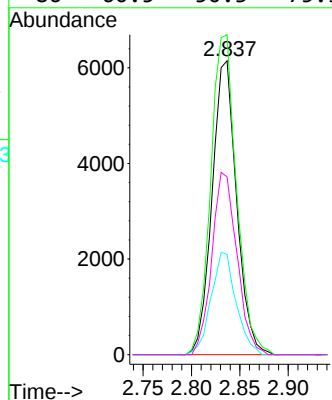


#20
Methylene Chloride
Concen: 2.53 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

Instrument :
MSVOA_X
ClientSampleId :
20071-OILY-DEBRIS-TCLP

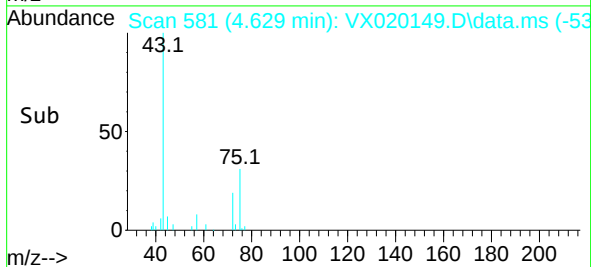
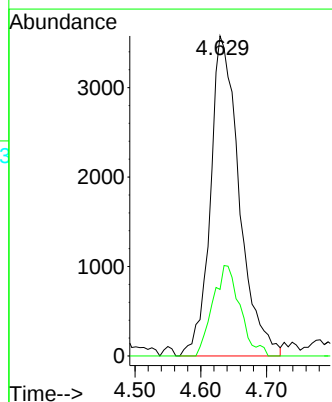
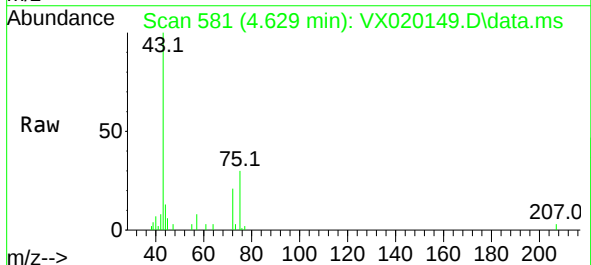


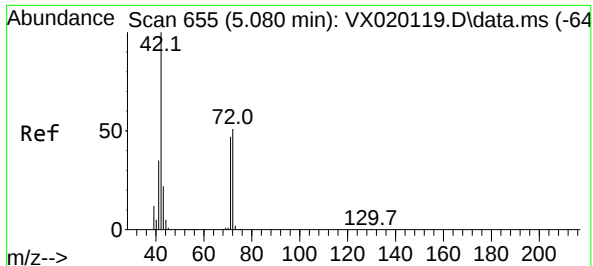
Tgt Ion: 84 Resp: 10867
Ion Ratio Lower Upper
84 100
49 108.9 88.6 132.8
51 34.1 27.0 40.6
86 60.5 50.3 75.5



#25
2-Butanone
Concen: 3.95 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.006 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

Tgt Ion: 43 Resp: 10951
Ion Ratio Lower Upper
43 100
72 20.8 23.7 35.5#

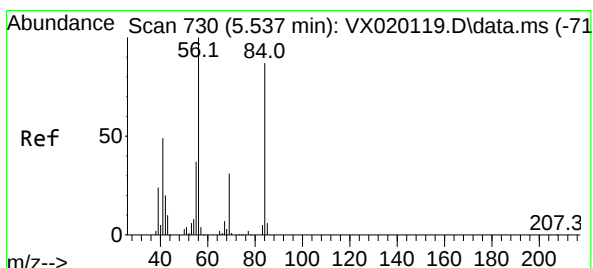
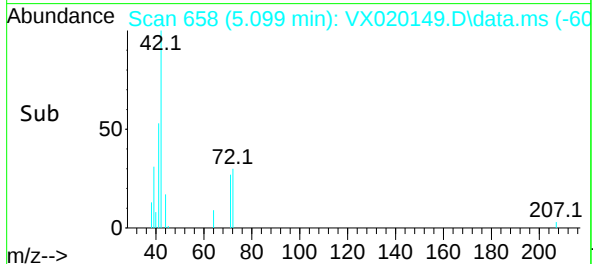
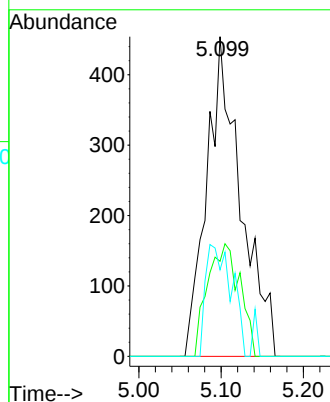
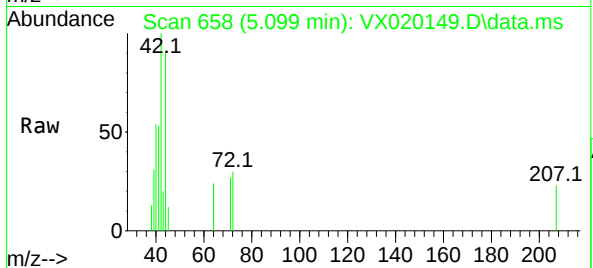




#29
Tetrahydrofuran
Concen: 0.75 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.019 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

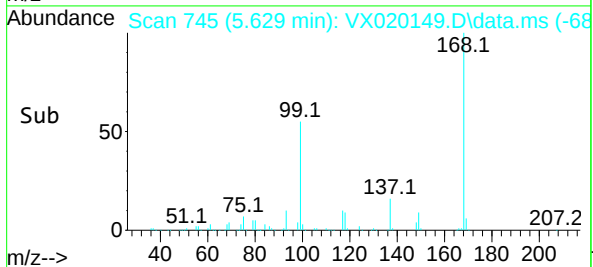
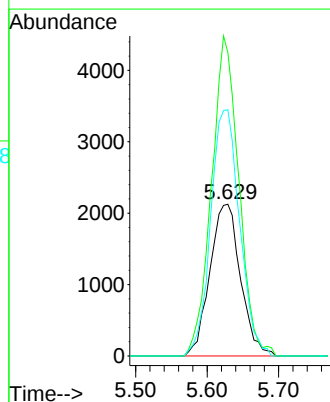
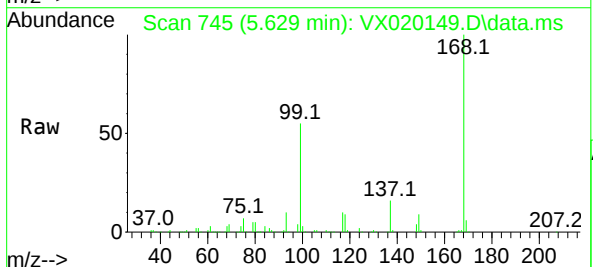
Instrument :
MSVOA_X
ClientSampleId :
20071-OILY-DEBRIS-TCLP

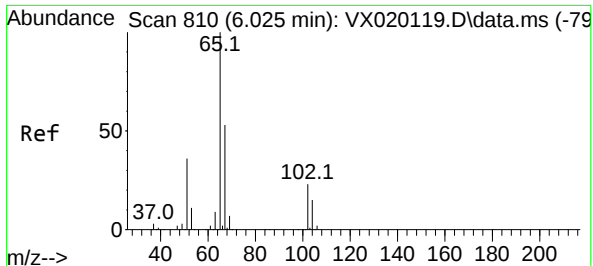
Tgt Ion:	42	Resp:	1309
Ion	Ratio	Lower	Upper
42	100		
72	33.3	41.7	62.5#
71	26.7	38.4	57.6#



#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

Tgt Ion:	56	Resp:	6309
Ion	Ratio	Lower	Upper
56	100		
69	200.1	25.3	37.9#
84	162.4	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 47.73 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020149.D

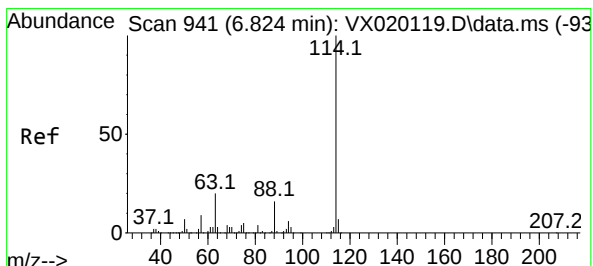
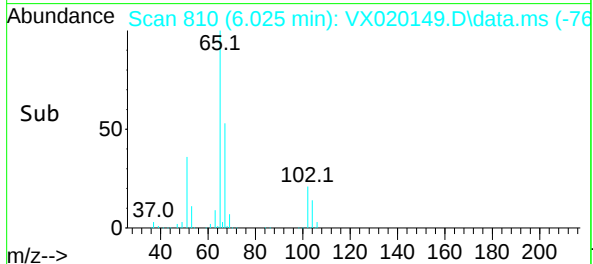
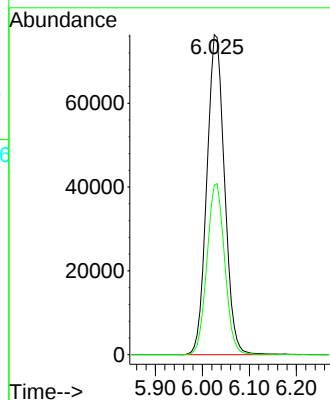
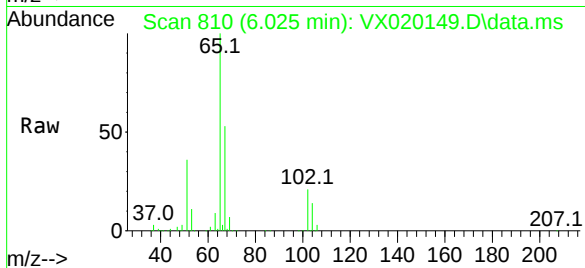
Acq: 19 Dec 2020 05:05

Tgt Ion: 65 Resp: 199631

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020149.D

Acq: 19 Dec 2020 05:05

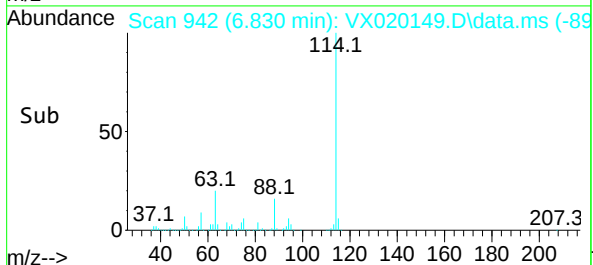
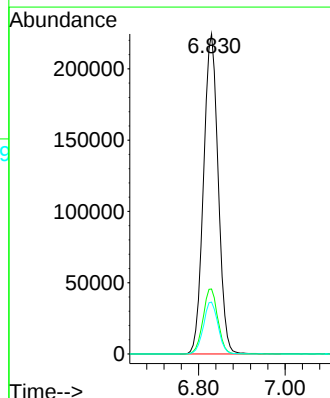
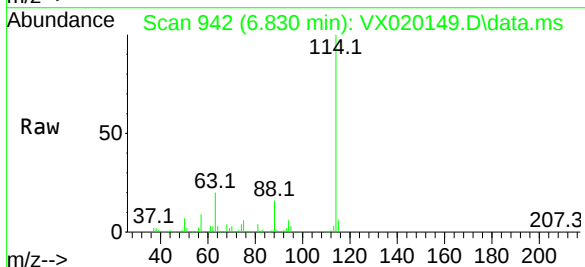
Tgt Ion: 114 Resp: 526244

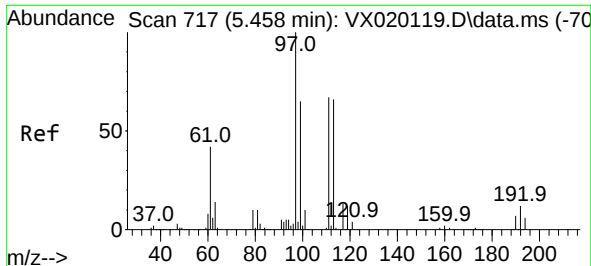
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 16.2 0.0 32.8

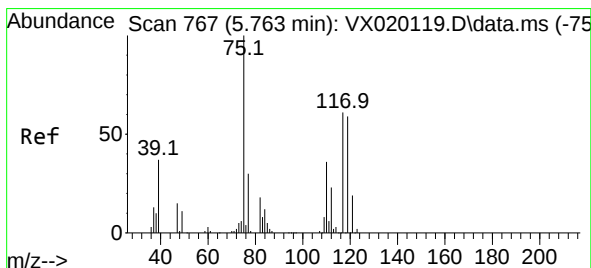
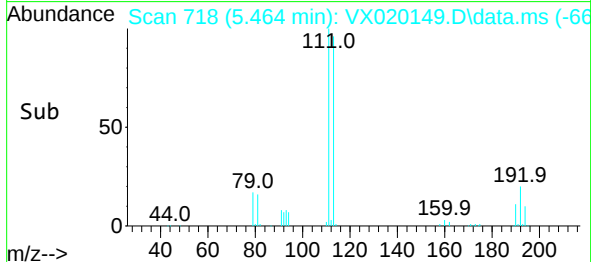
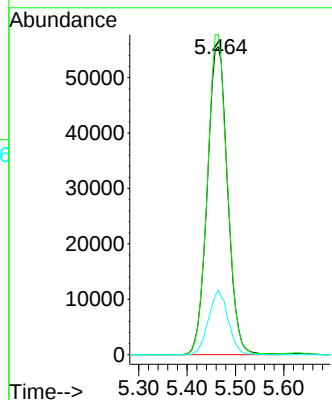
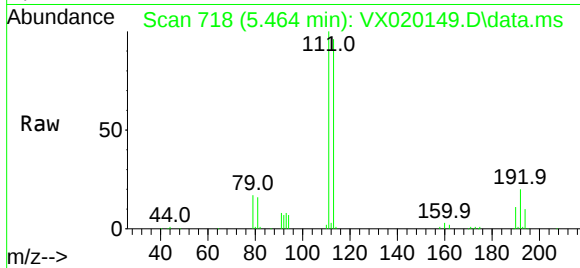




#35
Dibromofluoromethane
Concen: 48.14 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

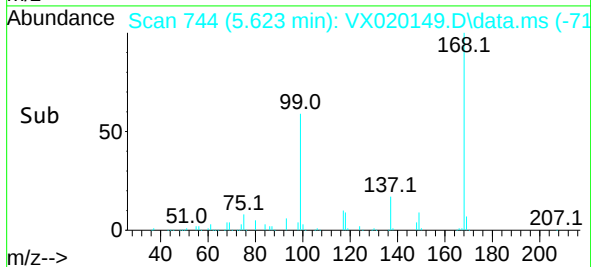
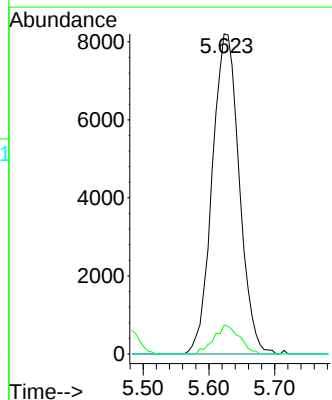
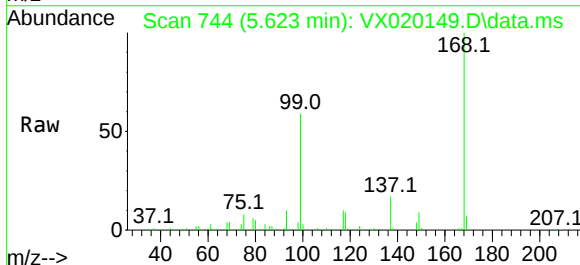
Instrument :
MSVOA_X
ClientSampleId :
20071-OILY-DEBRIS-TCLP

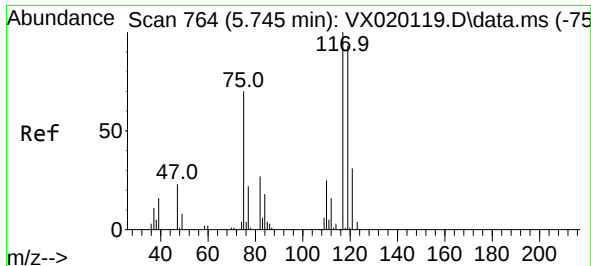
Tgt Ion:113 Resp: 162043
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 20.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

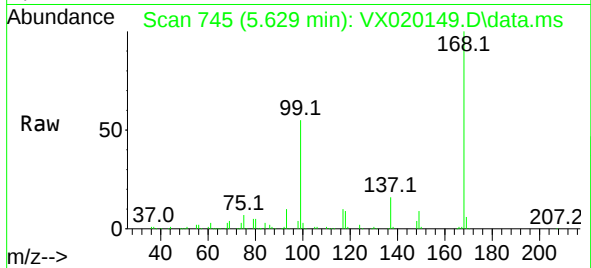
Tgt Ion: 75 Resp: 23461
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



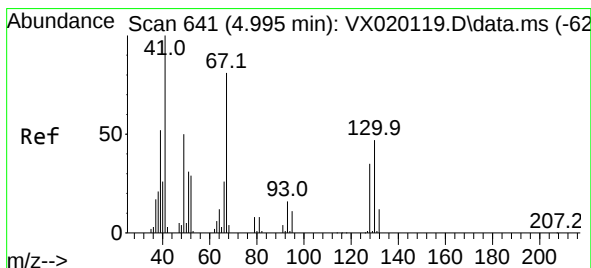
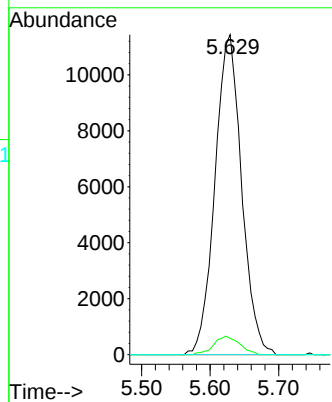
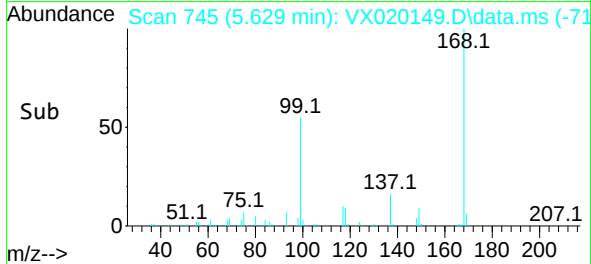


#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

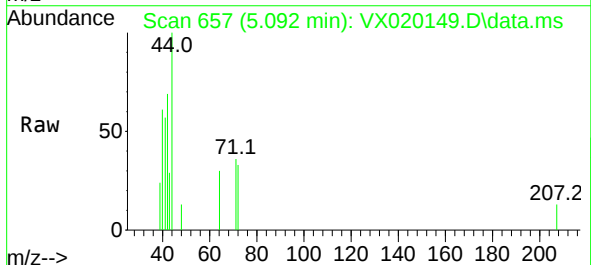
Instrument :
MSVOA_X
ClientSampleId :
20071-OILY-DEBRIS-TCLP



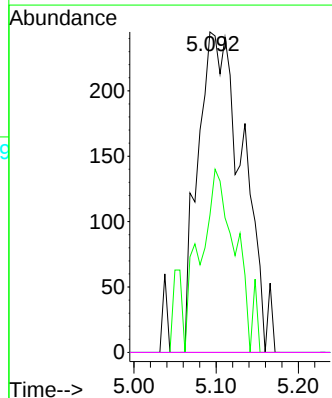
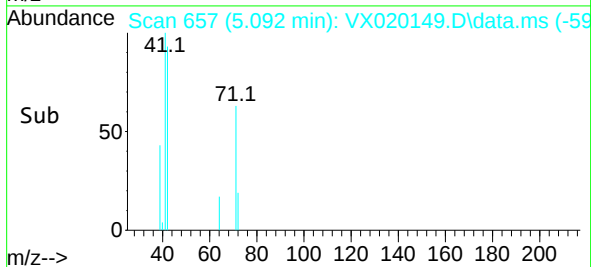
Tgt Ion:117 Resp: 30856
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

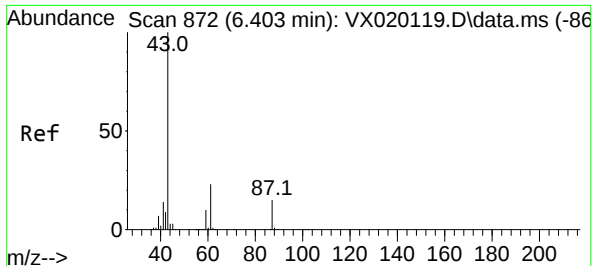


#41
Methacrylonitrile
Concen: 0.32 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.097 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05



Tgt Ion: 41 Resp: 933
Ion Ratio Lower Upper
41 100
39 45.2 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

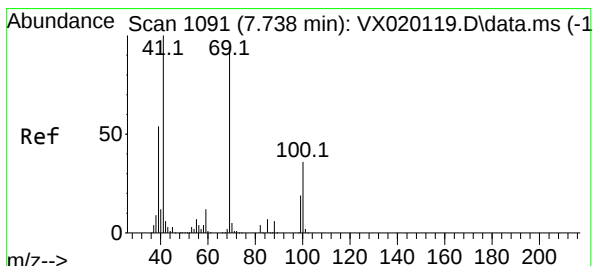
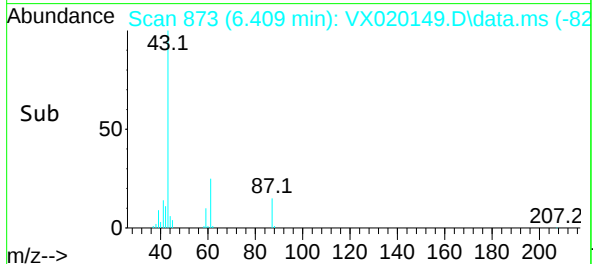
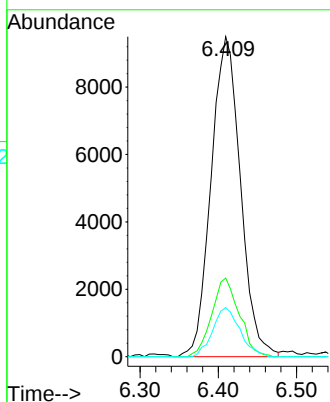
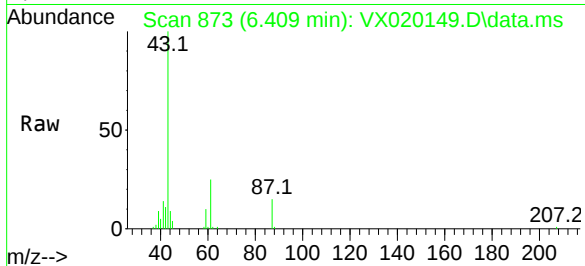




#43
Isopropyl Acetate
Concen: 2.90 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

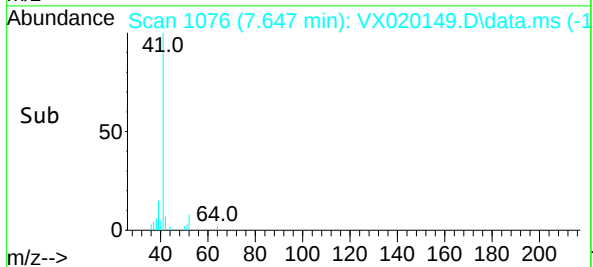
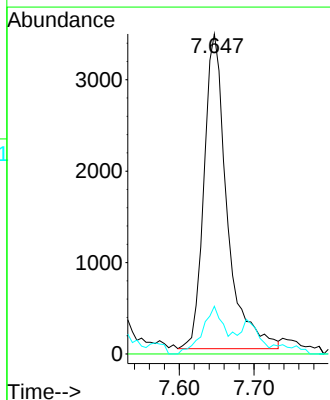
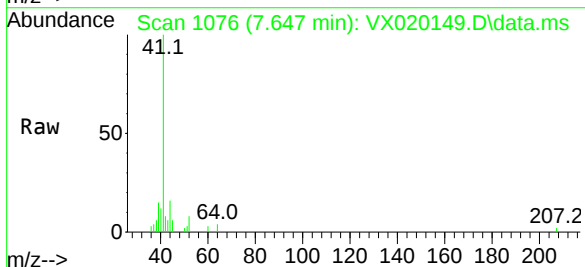
Instrument :
MSVOA_X
ClientSampleId :
20071-OILY-DEBRIS-TCLP

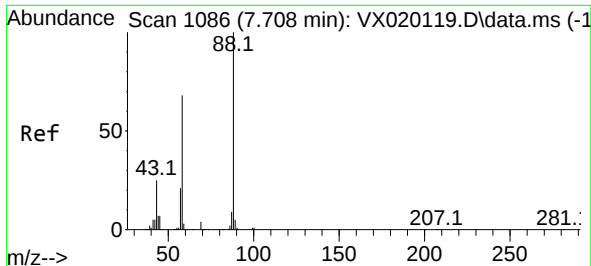
Tgt Ion:	43	Resp:	24724
Ion	Ratio	Lower	Upper
43	100		
61	23.0	18.2	27.4
87	14.2	12.5	18.7



#48
Methyl methacrylate
Concen: 1.76 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.091 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

Tgt Ion:	41	Resp:	7361
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

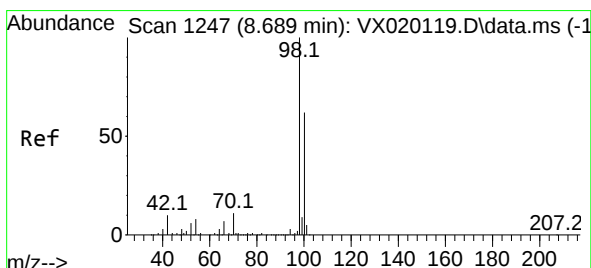
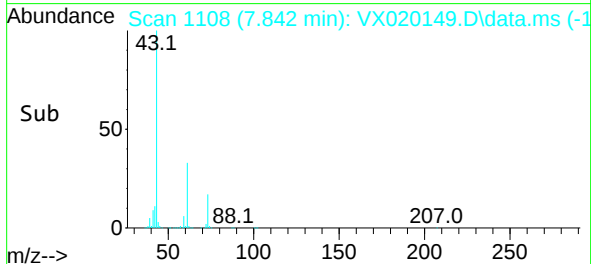
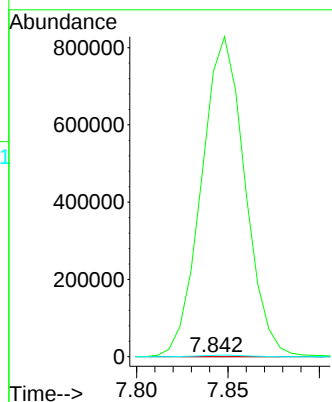
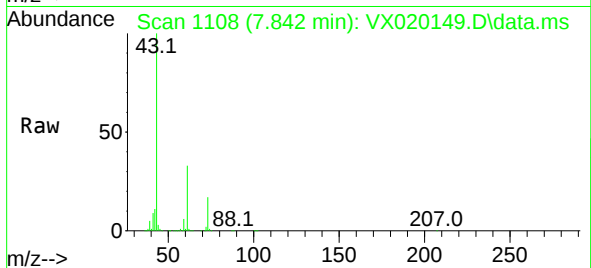




#49
1,4-Dioxane
Concen: 2.77 ug/l
RT: 7.842 min Scan# 1108
Delta R.T. 0.134 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

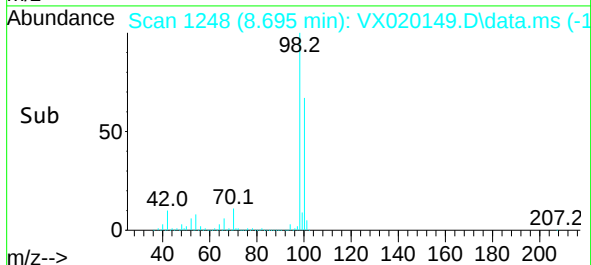
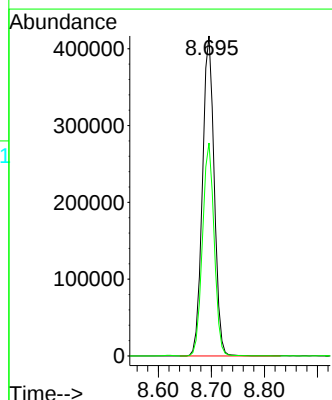
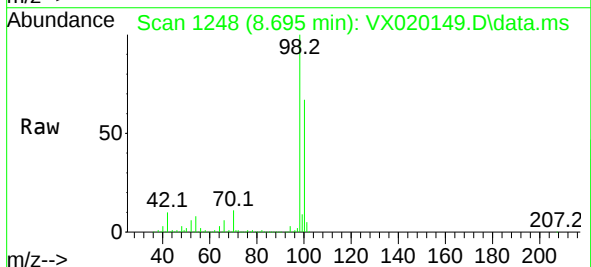
Instrument :
MSVOA_X
ClientSampleId :
20071-OILY-DEBRIS-TCLP

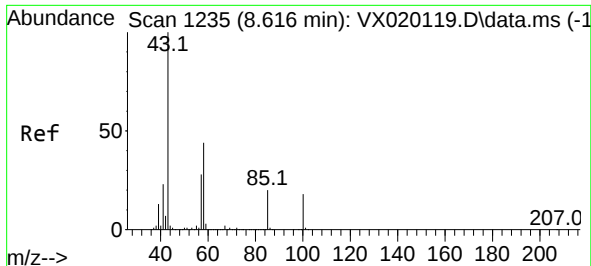
Tgt Ion: 88 Resp: 271
Ion Ratio Lower Upper
88 100
43 508803.0 23.2 34.8#
58 2611.4 55.0 82.4#



#50
Toluene-d8
Concen: 49.56 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

Tgt Ion: 98 Resp: 642252
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

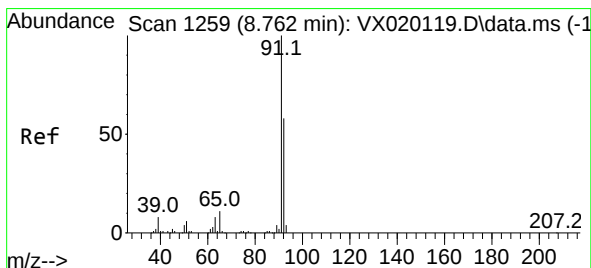
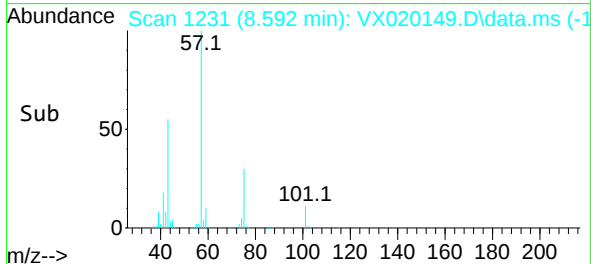
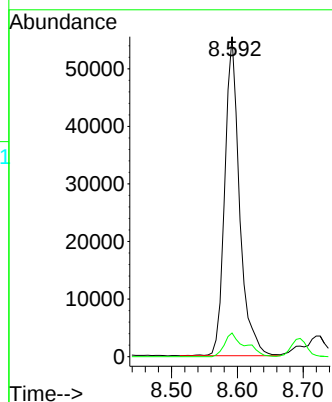
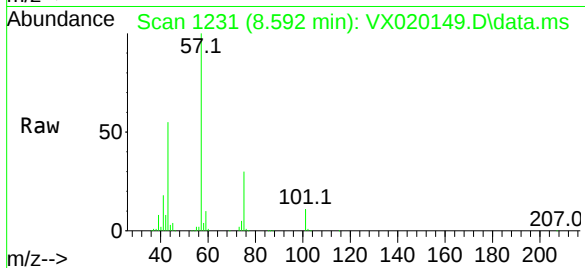




#51
4-Methyl-2-Pentanone
Concen: 16.41 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.024 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

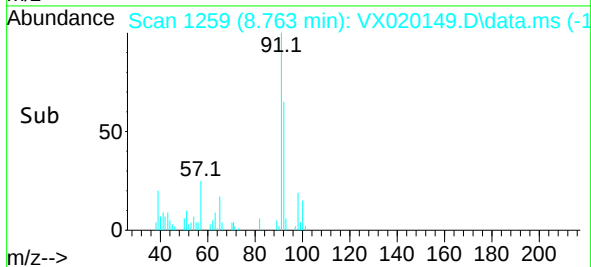
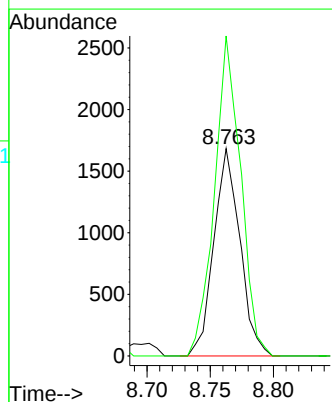
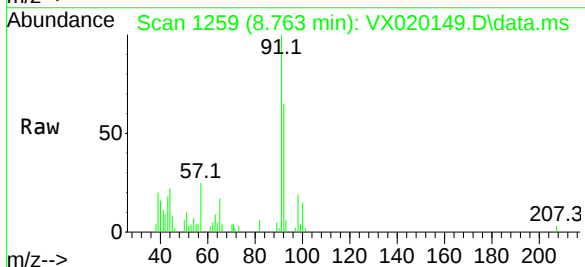
Instrument :
MSVOA_X
ClientSampleId :
20071-OILY-DEBRIS-TCLP

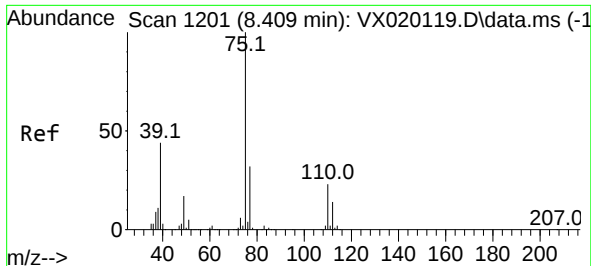
Tgt Ion: 43 Resp: 86667
Ion Ratio Lower Upper
43 100
58 10.3 35.4 53.0#



#52
Toluene
Concen: 0.24 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

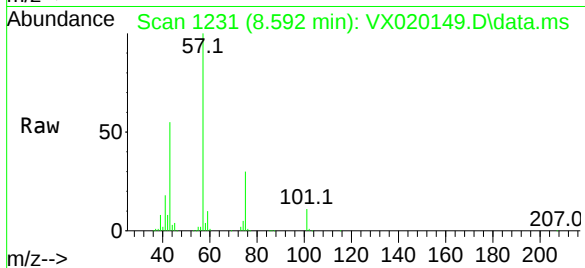
Tgt Ion: 92 Resp: 2415
Ion Ratio Lower Upper
92 100
91 154.8 137.1 205.7



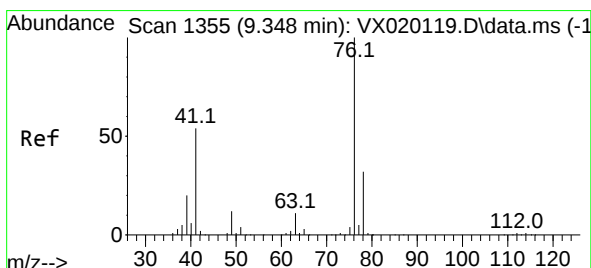
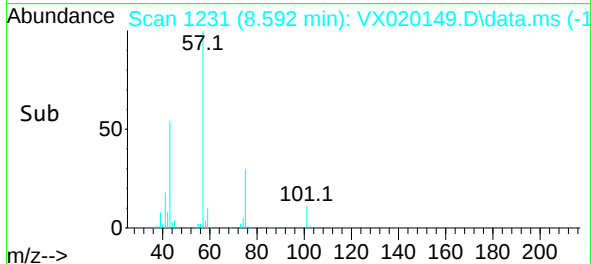
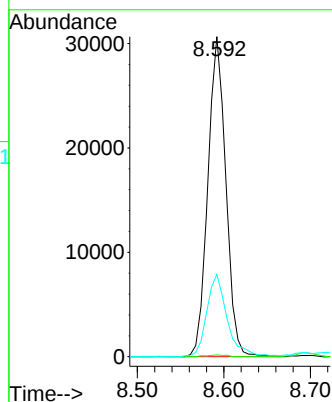


#54
cis-1,3-Dichloropropene
Concen: 6.87 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.183 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

Instrument :
MSVOA_X
ClientSampleId :
20071-OILY-DEBRIS-TCLP

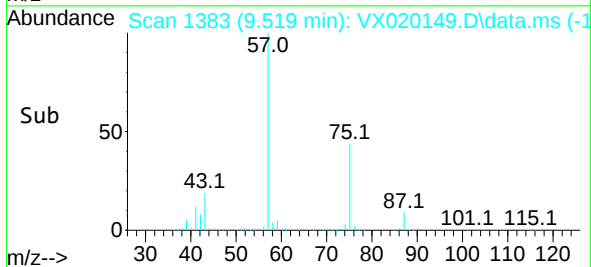
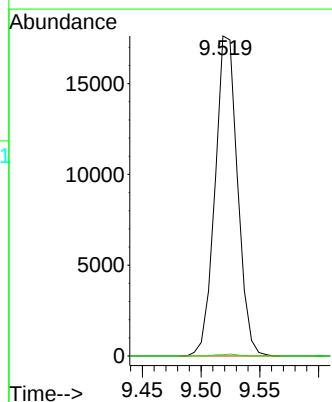
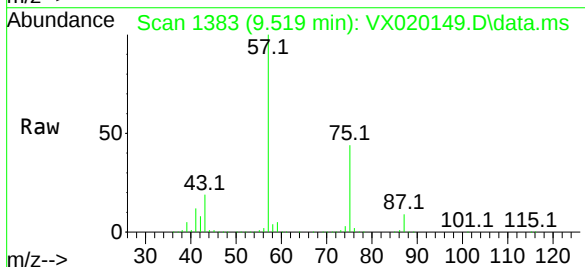


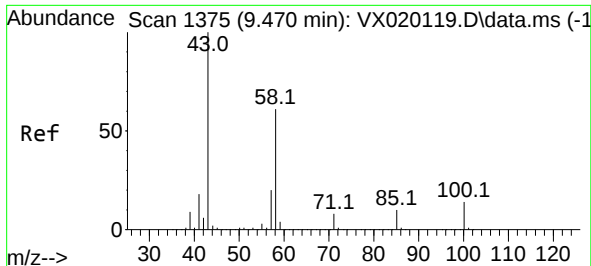
Tgt Ion: 75 Resp: 44264
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 25.7 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 3.39 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.171 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

Tgt Ion: 76 Resp: 23486
Ion Ratio Lower Upper
76 100
78 0.5 26.2 39.2#

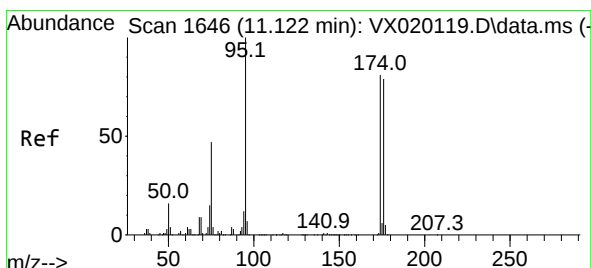
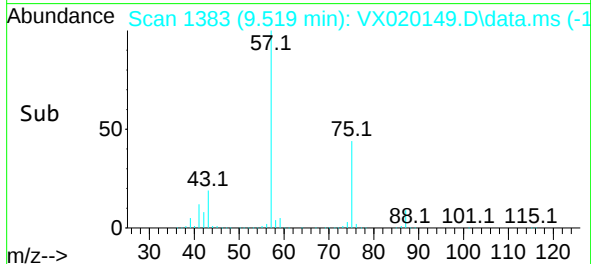
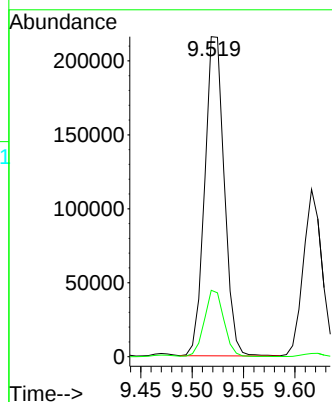
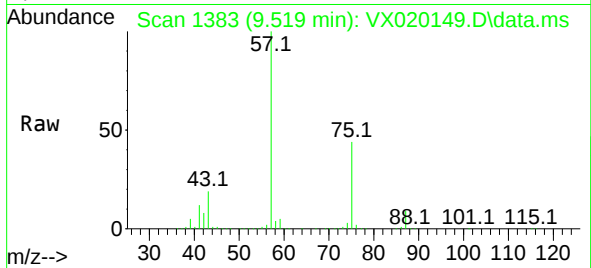




#59
2-Hexanone
Concen: 71.10 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.049 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

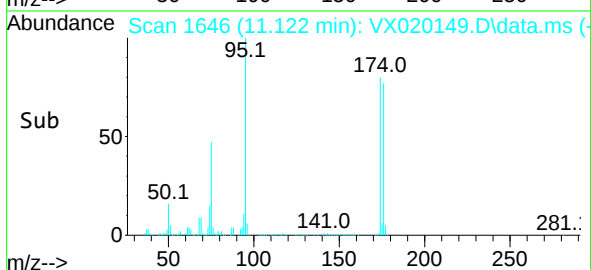
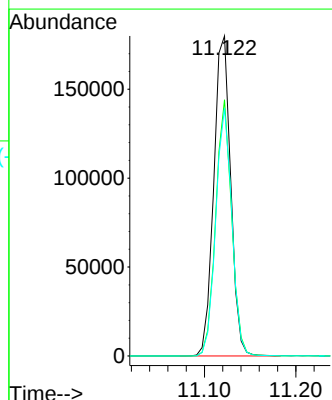
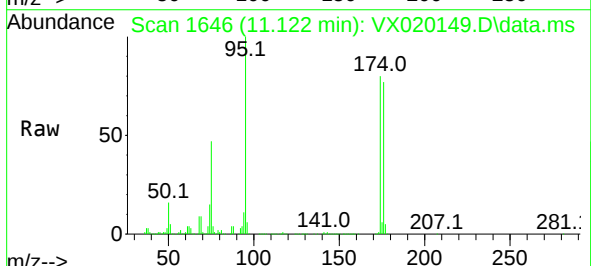
Instrument :
MSVOA_X
ClientSampleId :
20071-OILY-DEBRIS-TCLP

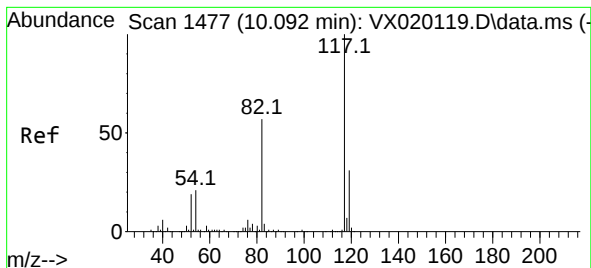
Tgt Ion: 43 Resp: 286206
Ion Ratio Lower Upper
43 100
58 21.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.59 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

Tgt Ion: 95 Resp: 231074
Ion Ratio Lower Upper
95 100
174 75.5 0.0 154.6
176 74.1 0.0 155.8

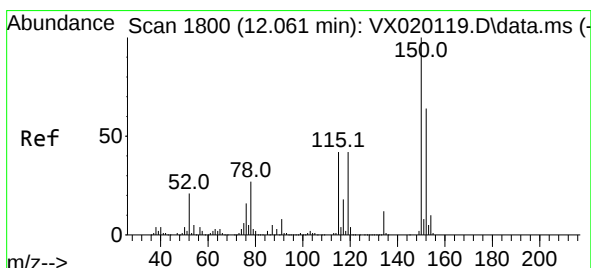
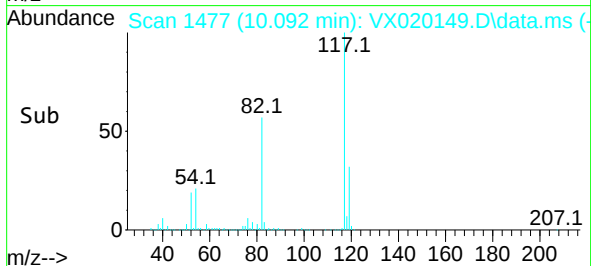
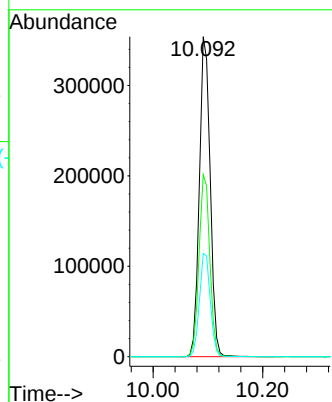
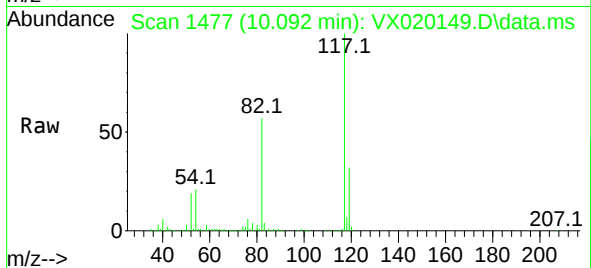




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

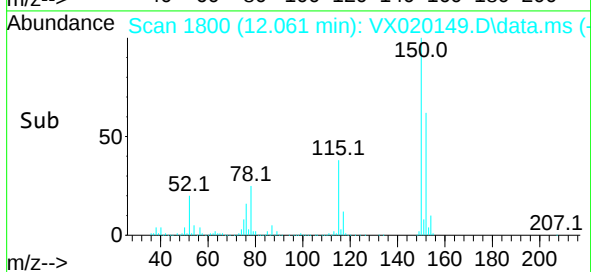
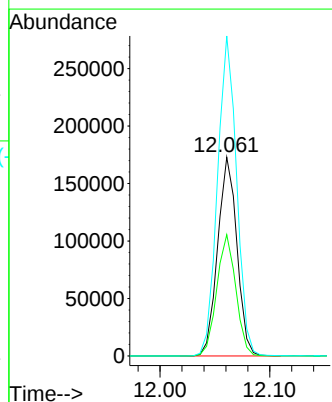
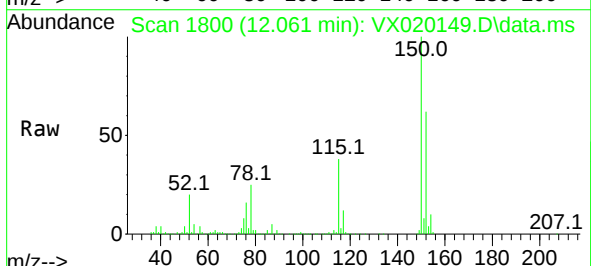
Instrument :
MSVOA_X
ClientSampleId :
20071-OILY-DEBRIS-TCLP

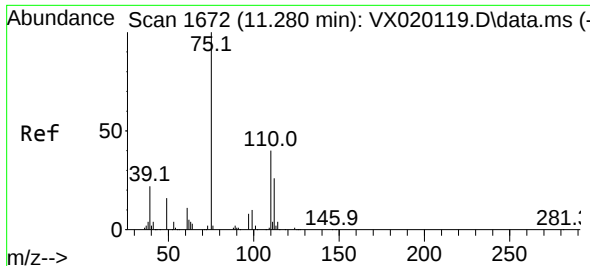
Tgt Ion:117 Resp: 487018
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

Tgt Ion:152 Resp: 211239
Ion Ratio Lower Upper
152 100
115 60.5 41.1 123.3
150 160.2 0.0 349.0

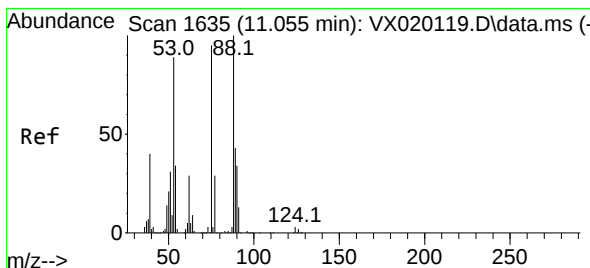
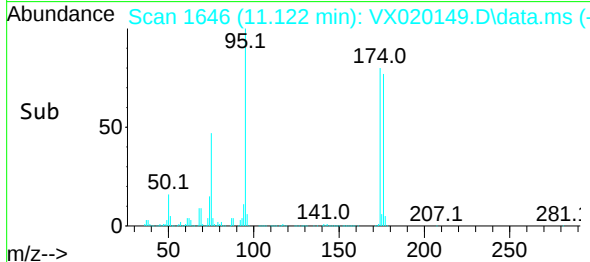
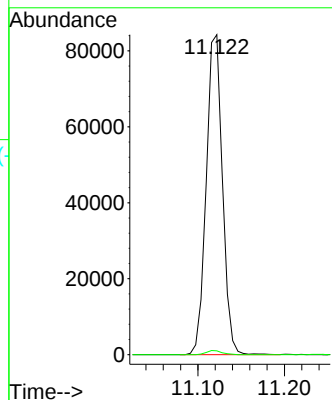
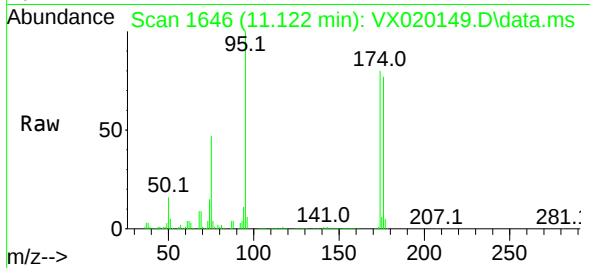




#76
1,2,3-Trichloropropane
Concen: 21.03 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

Instrument :
MSVOA_X
ClientSampleId :
20071-OILY-DEBRIS-TCLP

Tgt Ion: 75 Resp: 109438
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.40 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

Tgt Ion: 75 Resp: 109438
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

