

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)

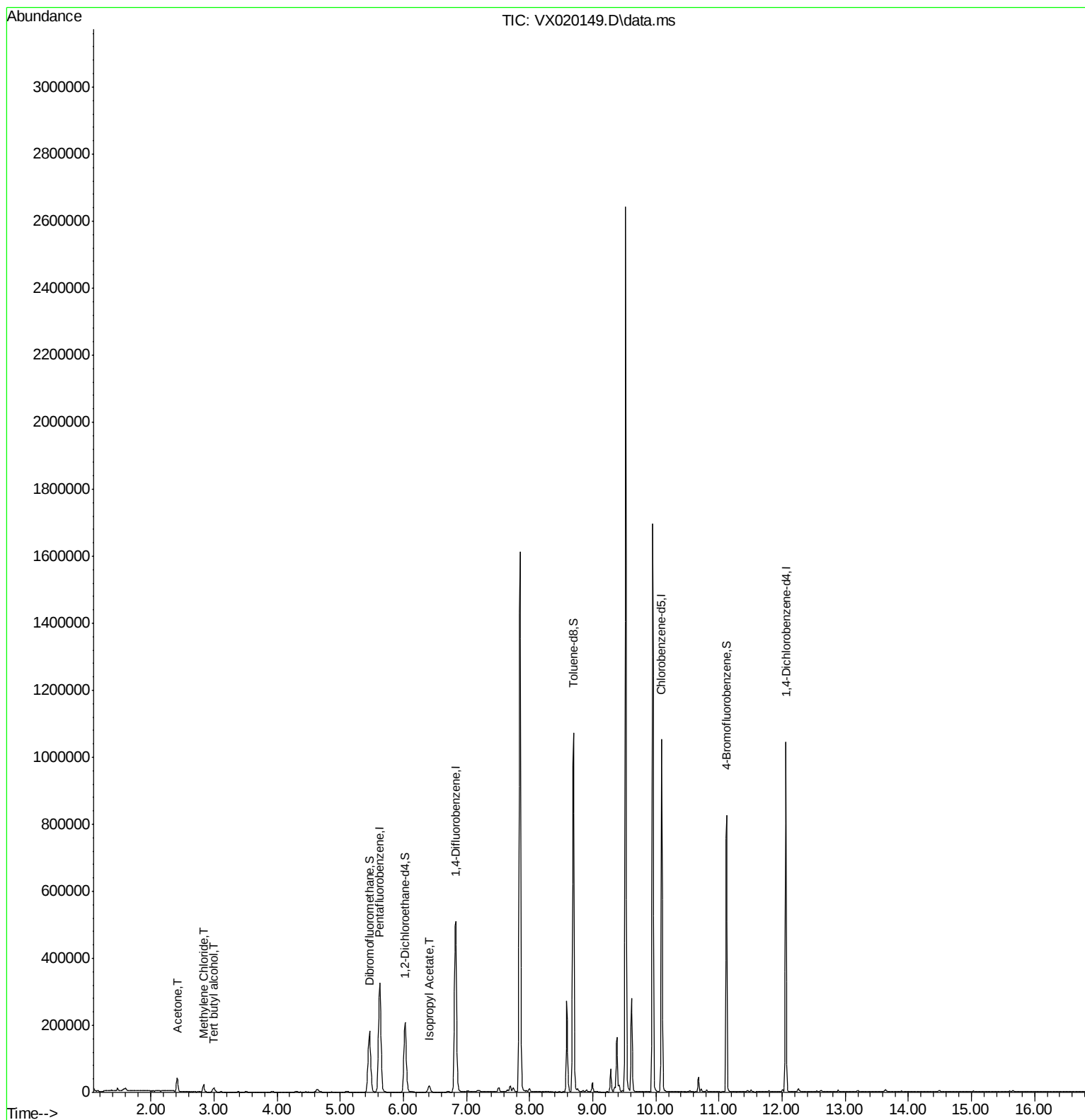
Internal Standards						
1) Pentafluorobenzene	5.629	168	312026	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	526244	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	487018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	211239	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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						
11) Tert butyl alcohol	3.001	59	10358	11.06	ug/l	Qvalue # 89
16) Acetone	2.416	43	42622	22.35	ug/l	100
20) Methylene Chloride	2.837	84	10867	2.53	ug/l	98
43) Isopropyl Acetate	6.409	43	24724	2.90	ug/l	99

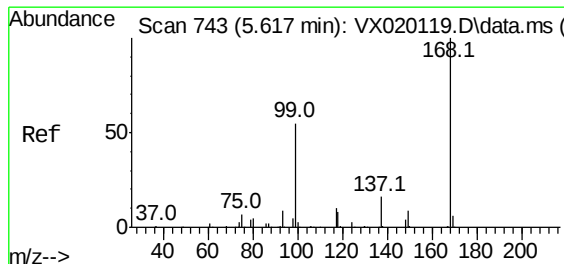
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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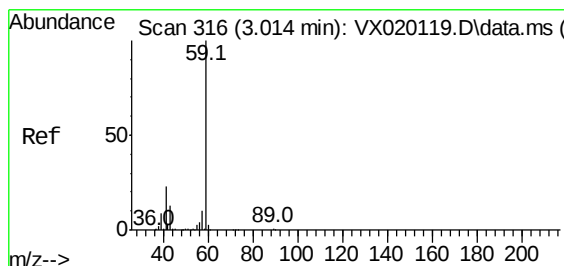
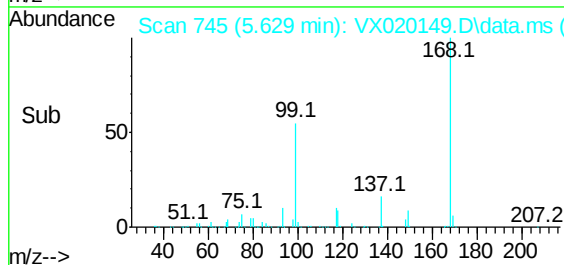
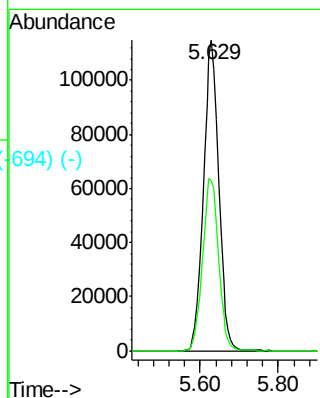
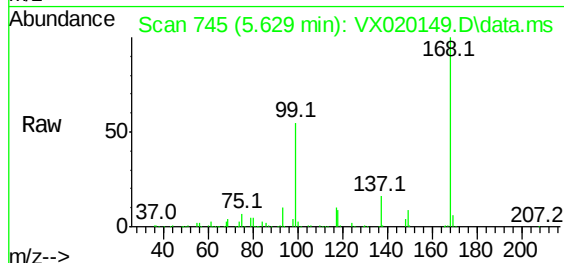




Scan 743 (5.617 min): VX020119.D\data.ms (-743) (-)
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020149.D
 Acq: 19 Dec 2020 05:05

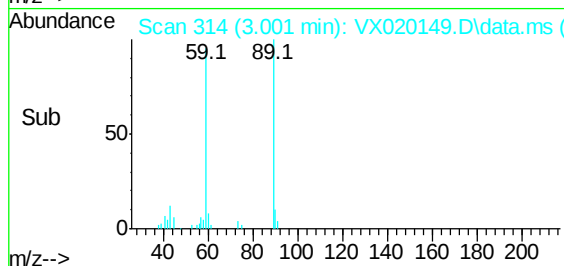
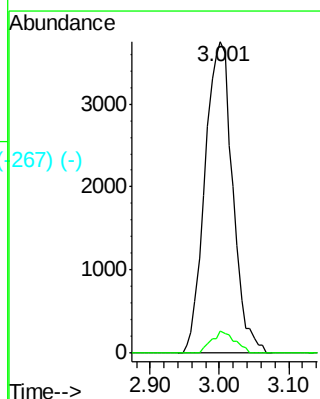
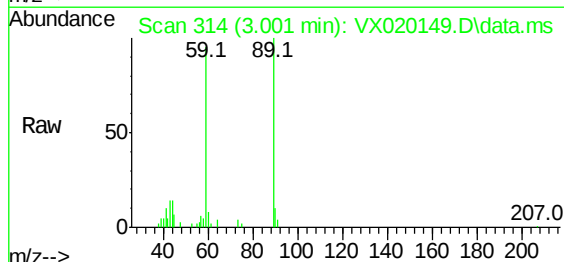
Instrument :
 MSVOA_X
 ClientSampleId :
 20071-OILY-DEBRIS-TCLP

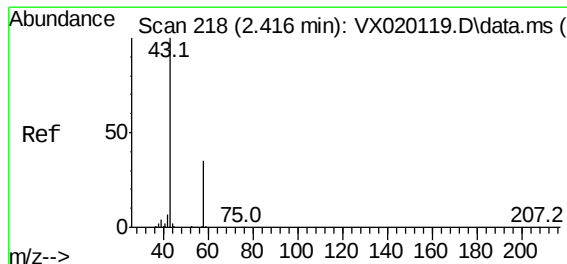
Tgt Ion:168 Resp: 312026
 Ion Ratio Lower Upper
 168 100
 99 54.7 45.8 68.6



Scan 316 (3.014 min): VX020119.D\data.ms (-316) (-)
 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#

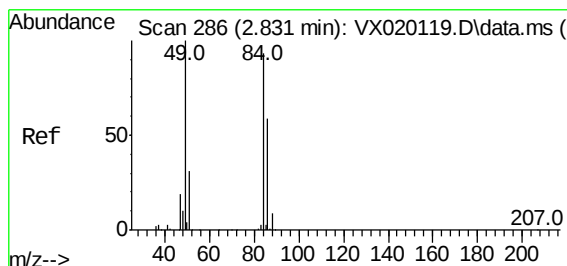
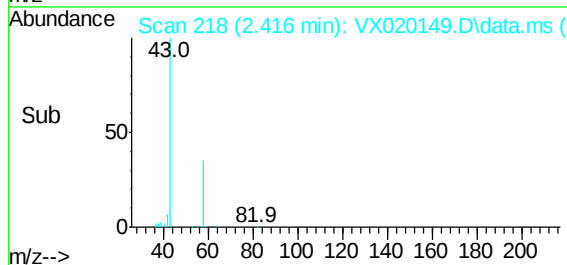
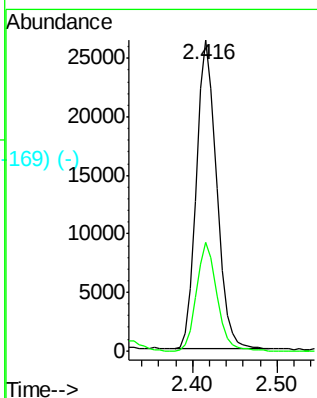
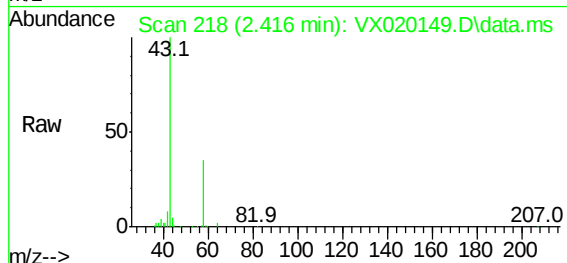




Acetone
Concen: 22.35 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

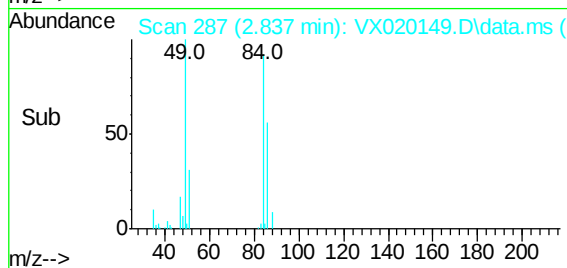
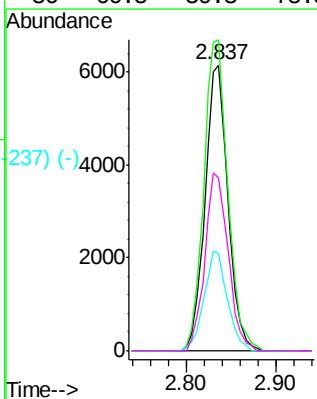
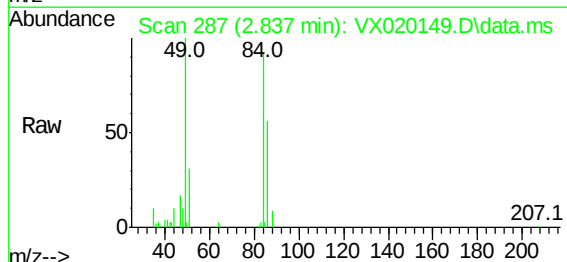
Instrument :
MSVOA_X
ClientSampleId :
20071-OILY-DEBRIS-TCLP

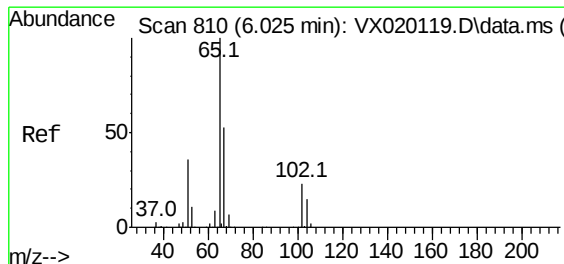
Tgt Ion: 43 Resp: 42622
Ion Ratio Lower Upper
43 100
58 35.0 27.8 41.8



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

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



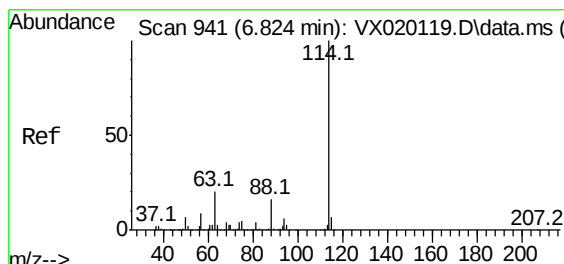
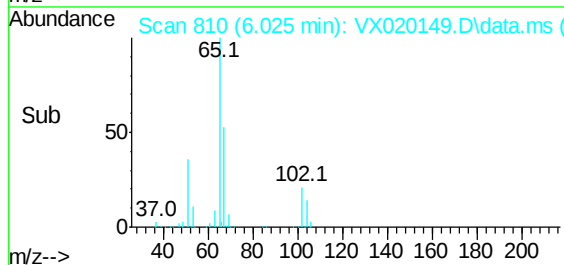
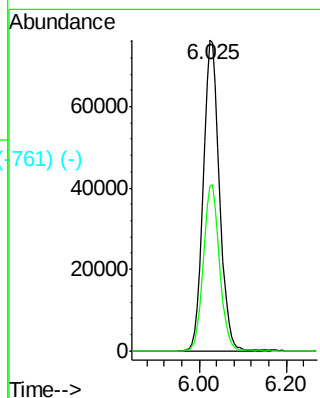
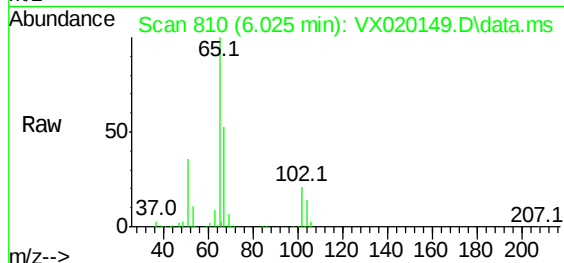


1,2-Dichloroethane-d4
 Concen: 47.73 ug/l
 RT: 6.025 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: VX020149.D
 Acq: 19 Dec 2020 05:05

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

Tgt Ion: 65 Resp: 199631

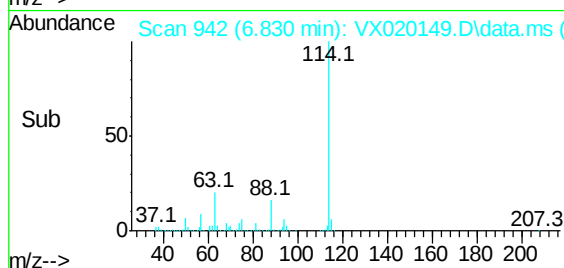
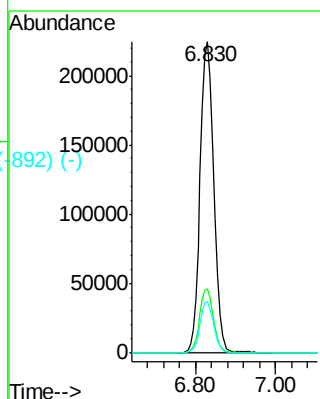
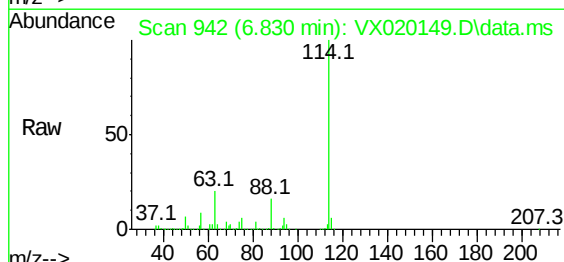
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.4

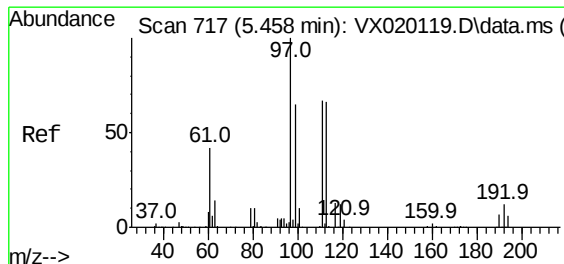


1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020149.D
 Acq: 19 Dec 2020 05:05

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

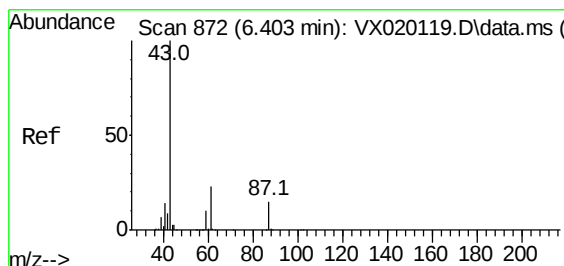
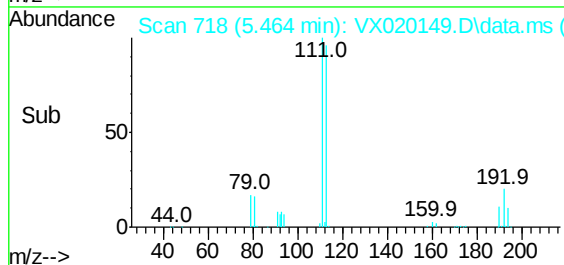
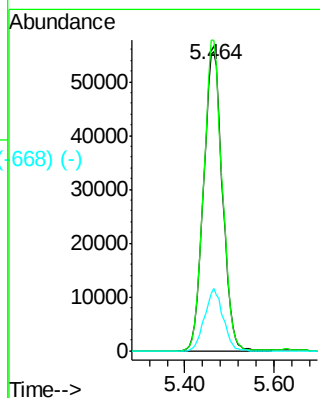
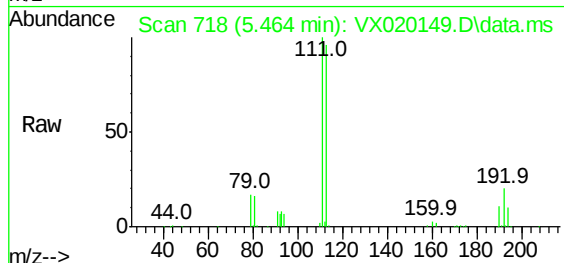




#35 (-)
 Dibromofluoromethane
 Concen: 48.14 ug/l
 RT: 5.464 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VX020149.D
 Acq: 19 Dec 2020 05:05

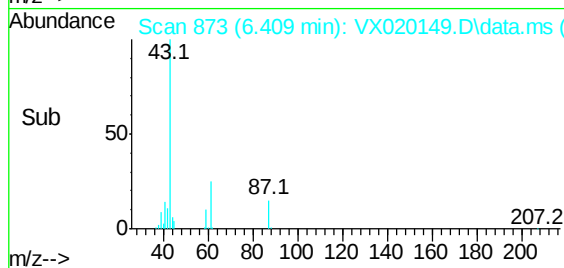
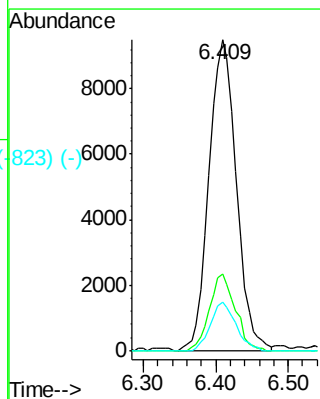
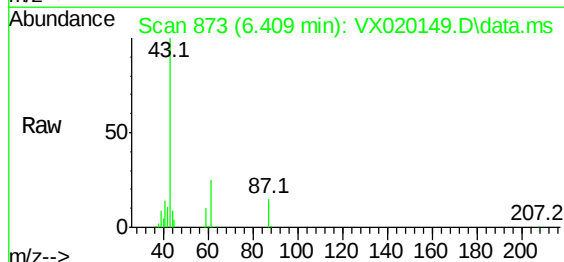
Instrument :
 MSVOA_X
 ClientSampleId :
 20071-OILY-DEBRIS-TCLP

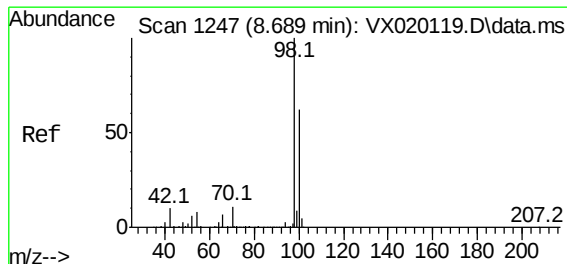
Tgt Ion:	113	Resp:	162043
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	20.1	16.7	25.1



#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

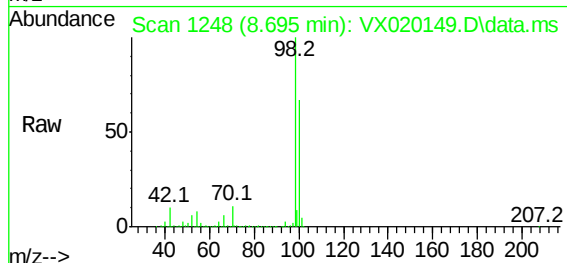
Tgt Ion:	43	Resp:	24724
Ion	Ratio	Lower	Upper
43	100		
61	23.0	18.2	27.4
87	14.2	12.5	18.7



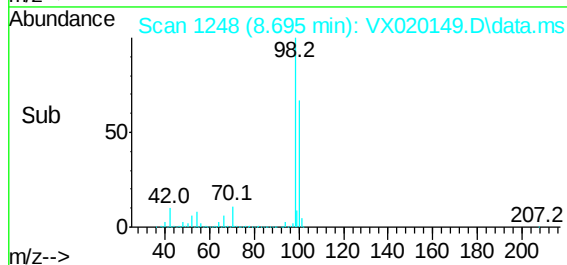
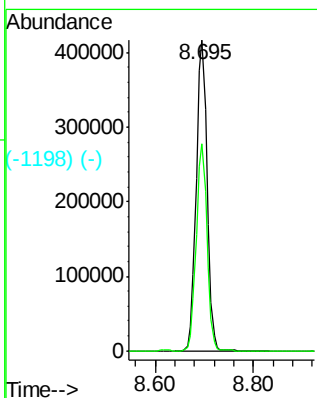


#599 (-)
Toluene-d8
Concen: 49.56 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

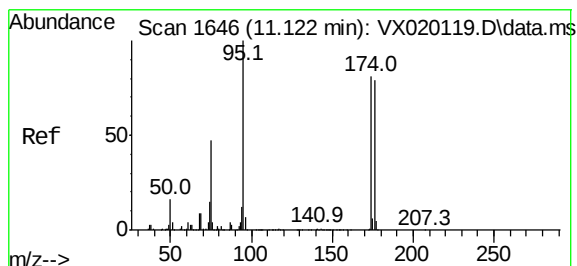
Instrument :
MSVOA_X
ClientSampleId :
20071-OILY-DEBRIS-TCLP



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

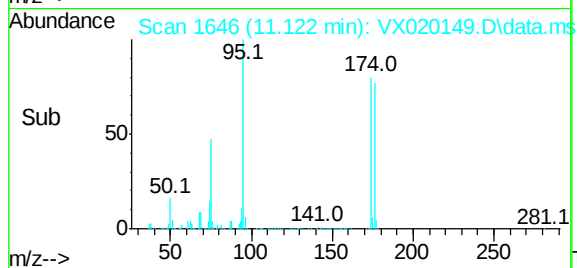
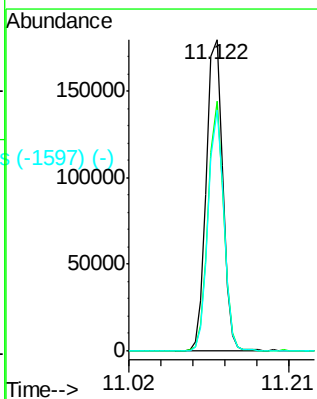
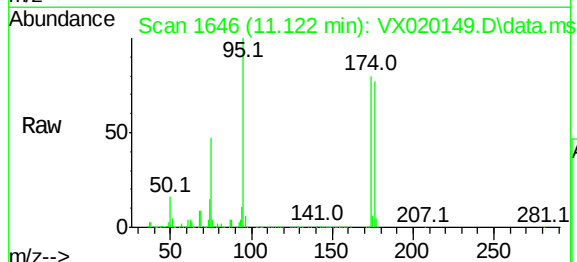


#1198 (-)

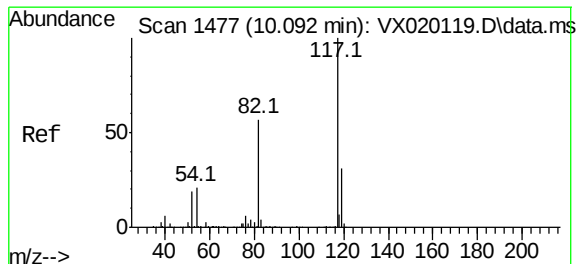


#639 (-)
4-Bromofluorobenzene
Concen: 46.59 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020149.D
Acq: 19 Dec 2020 05:05

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



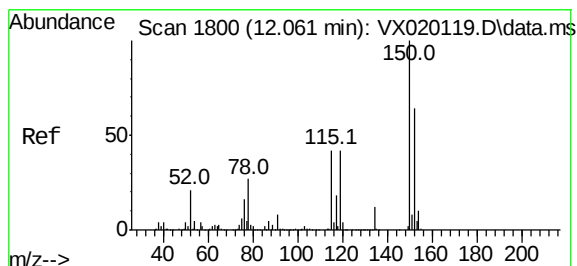
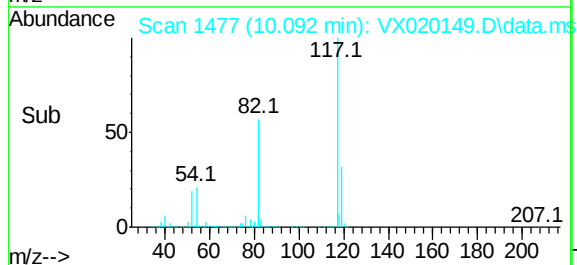
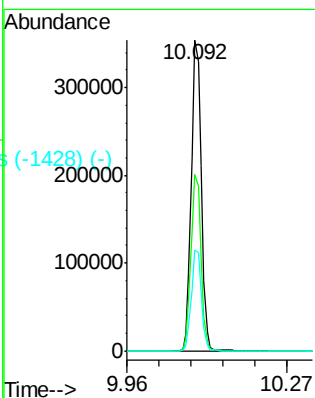
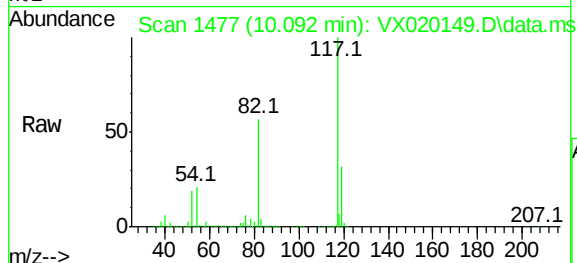
#1597 (-)



#6270 (-)
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

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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



#17294 (-)
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

