

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010721\
 Data File : VX020530.D
 Acq On : 07 Jan 2021 16:55
 Operator : JC/MD
 Sample : L5214-05
 Misc : 5.0g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT1-2021-01

Quant Time: Jan 08 00:56:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXML010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 00:55:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.830	114	369252	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.092	117	350623	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	158389	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.386	65	132955	44.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.64%
7) Chloroethane-d5	1.697	69	109128	47.07	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.14%
11) 1,1-Dichloroethene-d2	2.343	63	195754	35.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.66%
21) 2-Butanone-d5	4.532	46	186867	102.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.80%
24) Chloroform-d	5.135	84	260489	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.06%
26) 1,2-Dichloroethane-d4	6.031	65	166772	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
32) Benzene-d6	6.044	84	534194	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
36) 1,2-Dichloropropane-d6	7.366	67	166233	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.94%
41) Toluene-d8	8.695	98	450868	47.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.32%
43) trans-1,3-Dichloroprop...	8.994	79	74542	46.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.96%
47) 2-Hexanone-d5	9.427	63	141139	97.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.98%
56) 1,1,2,2-Tetrachloroeth...	11.232	84	216807	47.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.72%
66) 1,2-Dichlorobenzene-d4	12.359	152	167765	54.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.06%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	8260	2.30	ug/L	99
3) Chloromethane	1.313	50	7825	2.42	ug/L	97
5) Vinyl chloride	1.392	62	8433	2.45	ug/L #	76
6) Bromomethane	1.642	94	4808	2.77	ug/L	98
8) Chloroethane	1.715	64	4968	2.41	ug/L	95
9) Trichlorofluoromethane	1.916	101	10241	2.37	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.367	101	8213	3.05	ug/L #	82
12) 1,1-Dichloroethene	2.355	96	7649	2.91	ug/L #	1
13) Acetone	2.428	43	7689	5.16	ug/L	100
14) Carbon disulfide	2.550	76	18212	2.16	ug/L	97
15) Methyl Acetate	2.751	43	6794	2.29	ug/L	99
16) Methylene chloride	2.831	84	13563	4.31	ug/L	98
17) trans-1,2-Dichloroethene	3.142	96	6426	2.27	ug/L	93
18) Methyl tert-butyl Ether	3.160	73	18035	2.11	ug/L	98
19) 1,1-Dichloroethane	3.666	63	11822	2.31	ug/L	98
20) cis-1,2-Dichloroethene	4.568	96	6942	2.24	ug/L	95
22) 2-Butanone	4.641	43	10240	4.65	ug/L	99
23) Bromochloromethane	4.983	128	3670	2.29	ug/L	94
25) Chloroform	5.172	83	13619	2.44	ug/L	99

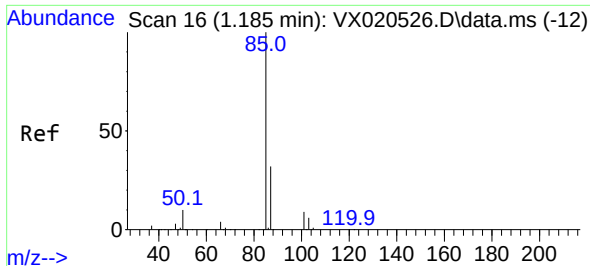
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010721\
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Quant Time: Jan 08 00:56:59 2021
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 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 00:55:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.159	62	9737	2.36	ug/L	97
29) Cyclohexane	5.544	56	8799	2.04	ug/L	96
30) 1,1,1-Trichloroethane	5.458	97	10259	2.29	ug/L	99
31) Carbon tetrachloride	5.757	117	8539	2.25	ug/L	99
33) Benzene	6.111	78	27513	2.37	ug/L	100
34) Trichloroethene	7.184	95	6855	2.32	ug/L	94
35) Methylcyclohexane	7.440	83	9292	2.09	ug/L	97
37) 1,2-Dichloropropane	7.488	63	7053	2.40	ug/L	98
38) Bromodichloromethane	7.872	83	8687	2.30	ug/L	93
39) cis-1,3-Dichloropropene	8.415	75	9395	2.13	ug/L	98
40) 4-Methyl-2-pentanone	8.616	43	15420	3.99	ug/L	98
42) Toluene	8.763	91	27507	2.27	ug/L	99
44) trans-1,3-Dichloropropene	9.019	75	9711	2.25	ug/L	97
45) 1,1,2-Trichloroethane	9.195	97	6833	2.35	ug/L	97
46) Tetrachloroethene	9.317	164	5189	2.27	ug/L	92
48) 2-Hexanone	9.470	43	14703	4.82	ug/L	97
49) Dibromochloromethane	9.561	129	6312	2.12	ug/L	98
50) 1,2-Dibromoethane	9.653	107	6663	2.21	ug/L #	99
51) Chlorobenzene	10.122	112	17424	2.27	ug/L	97
52) Ethylbenzene	10.232	91	26408	2.03	ug/L	98
53) m,p-Xylene	10.342	106	9177	1.89	ug/L	96
54) o-Xylene	10.683	106	8979	1.91	ug/L	94
55) Styrene	10.695	104	14049	1.76	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.250	83	10947	2.37	ug/L #	97
59) Bromoform	10.841	173	4349	2.20	ug/L	100
60) Isopropylbenzene	11.000	105	22378	2.00	ug/L	99
61) 1,2,3-Trichloropropane	11.280	75	8441	2.44	ug/L	97
62) 1,3,5-Trimethylbenzene	11.488	105	16441	1.81	ug/L	98
63) 1,2,4-Trimethylbenzene	11.792	105	16372	1.78	ug/L	99
64) 1,3-Dichlorobenzene	12.006	146	11632	2.23	ug/L	97
65) 1,4-Dichlorobenzene	12.079	146	12370	2.35	ug/L	96
67) 1,2-Dichlorobenzene	12.372	146	13190	2.54	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.981	75	1949	2.23	ug/L	96
69) 1,3,5-Trichlorobenzene	13.152	180	7831	2.19	ug/L	94
70) 1,2,4-trichlorobenzene	13.628	180	6467	2.10	ug/L	95
71) Naphthalene	13.817	128	17130	1.68	ug/L	99
72) 1,2,3-Trichlorobenzene	13.999	180	6711	2.12	ug/L	98

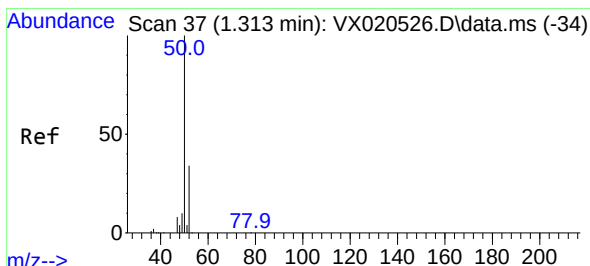
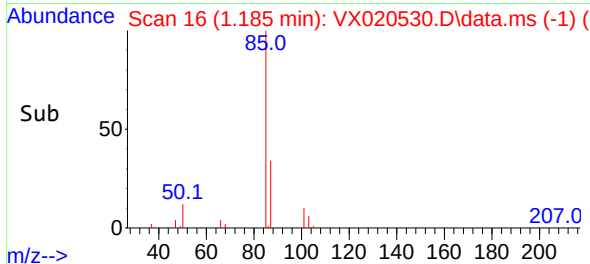
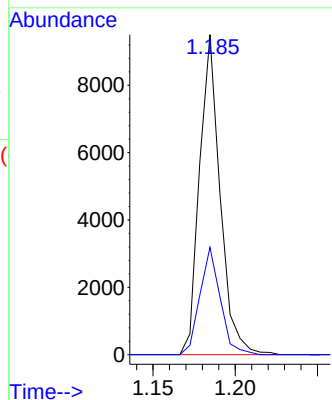
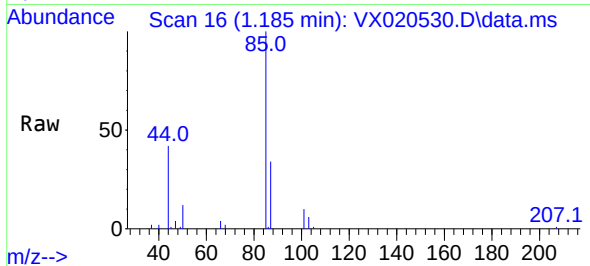
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#2
 Dichlorodifluoromethane
 Concen: 2.30 ug/L
 RT: 1.185 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: VX020530.D
 Acq: 07 Jan 2021 16:55

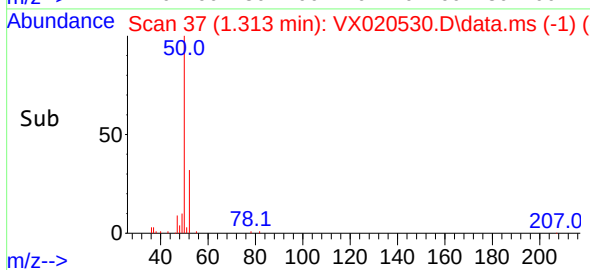
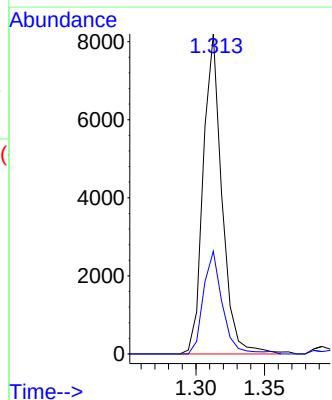
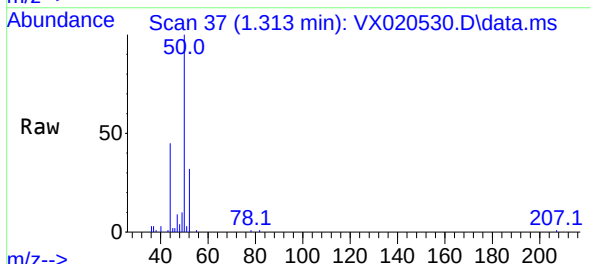
Instrument :
 MSVOA_X
 ClientSampleId :
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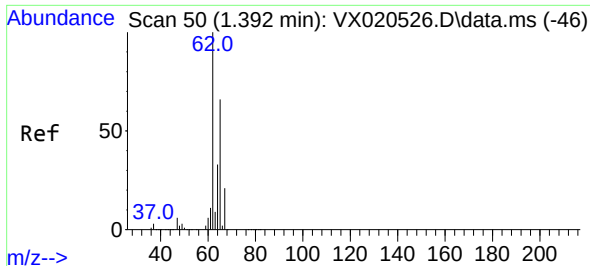
Tgt Ion: 85 Resp: 8260
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.9 38.9



#3
 Chloromethane
 Concen: 2.42 ug/L
 RT: 1.313 min Scan# 37
 Delta R.T. -0.000 min
 Lab File: VX020530.D
 Acq: 07 Jan 2021 16:55

Tgt Ion: 50 Resp: 7825
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.7 43.9

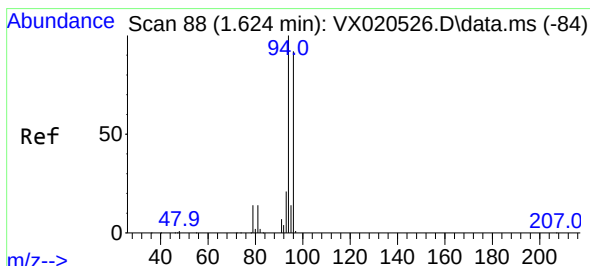
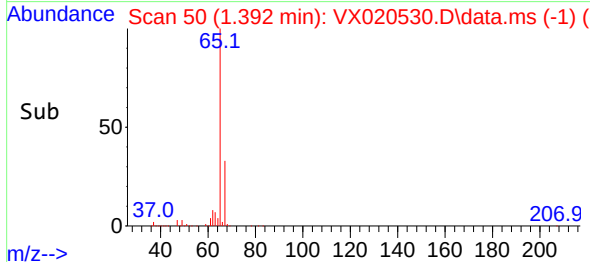
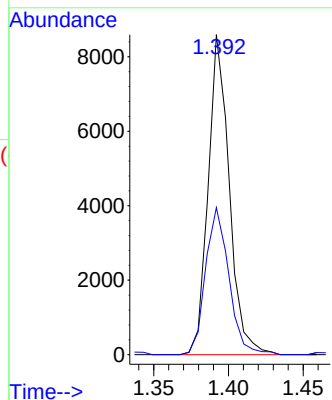
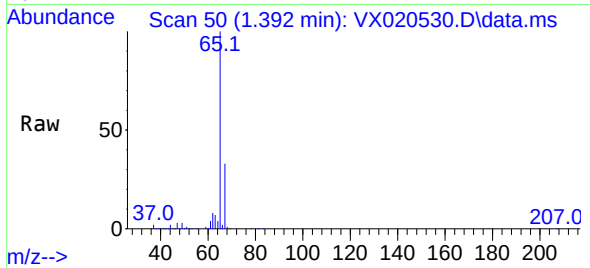




#5
 Vinyl chloride
 Concen: 2.45 ug/L
 RT: 1.392 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VX020530.D
 Acq: 07 Jan 2021 16:55

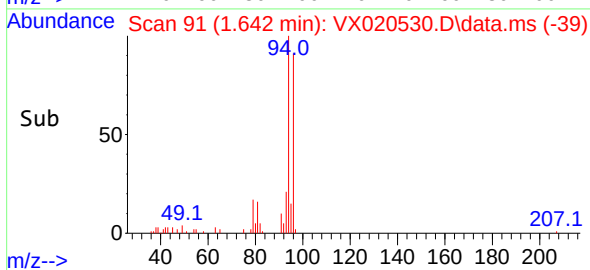
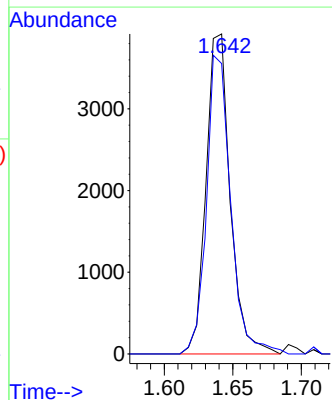
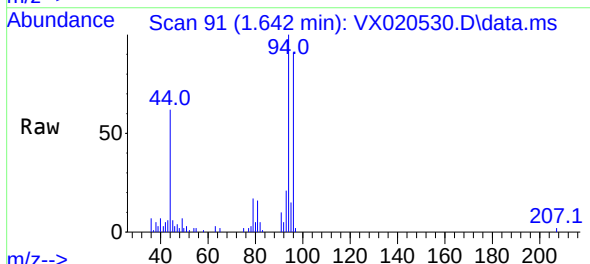
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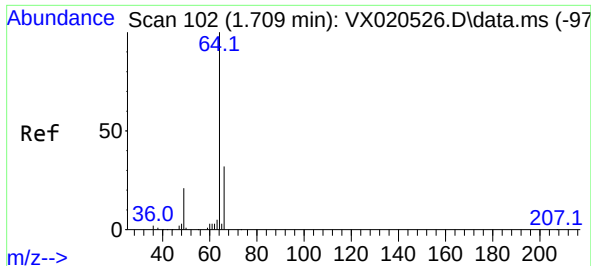
Tgt Ion: 62 Resp: 8433
 Ion Ratio Lower Upper
 62 100
 64 45.9 22.7 42.3#



#6
 Bromomethane
 Concen: 2.77 ug/L
 RT: 1.642 min Scan# 91
 Delta R.T. 0.018 min
 Lab File: VX020530.D
 Acq: 07 Jan 2021 16:55

Tgt Ion: 94 Resp: 4808
 Ion Ratio Lower Upper
 94 100
 96 90.8 64.8 120.3

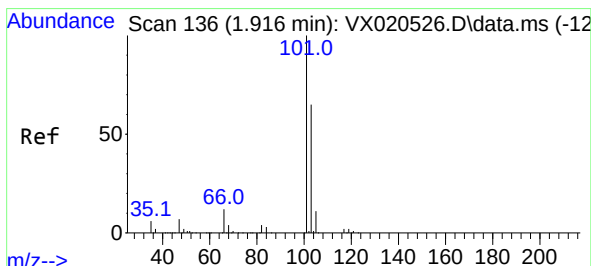
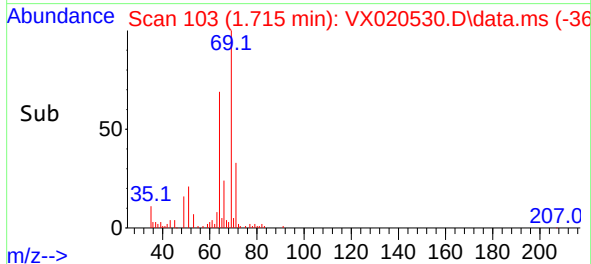
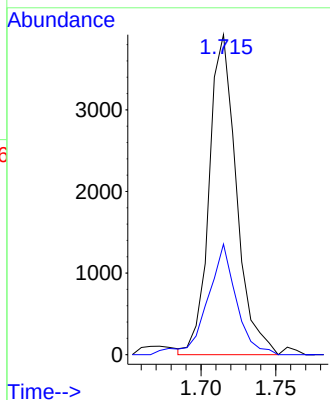
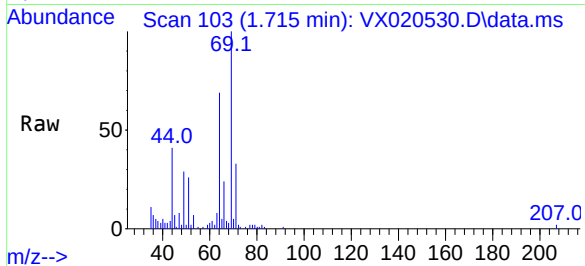




#8
Chloroethane
Concen: 2.41 ug/L
RT: 1.715 min Scan# 103
Delta R.T. 0.006 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

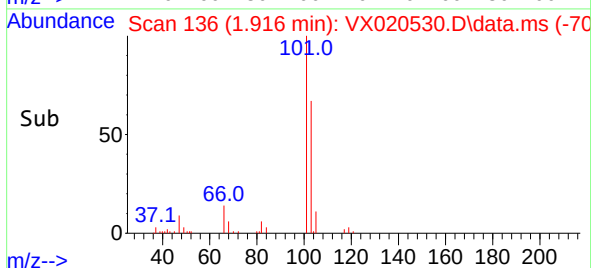
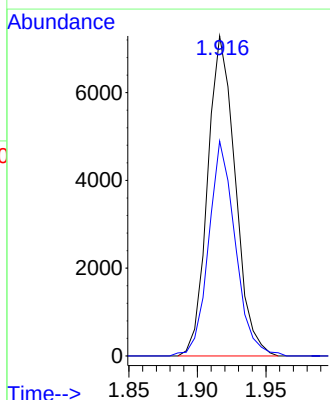
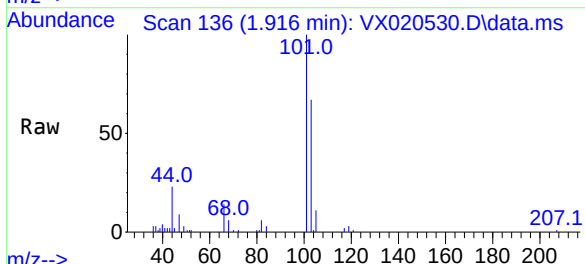
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

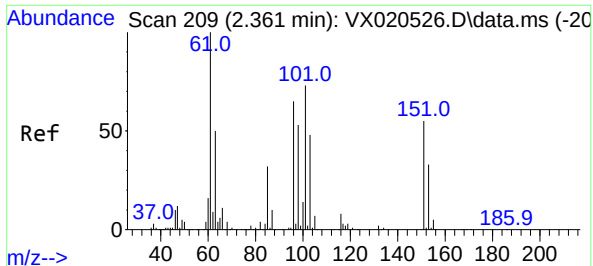
Tgt Ion: 64 Resp: 4968
Ion Ratio Lower Upper
64 100
66 34.5 22.0 41.0



#9
Trichlorofluoromethane
Concen: 2.37 ug/L
RT: 1.916 min Scan# 136
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion: 101 Resp: 10241
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.05 ug/L

RT: 2.367 min Scan# 210

Delta R.T. 0.006 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

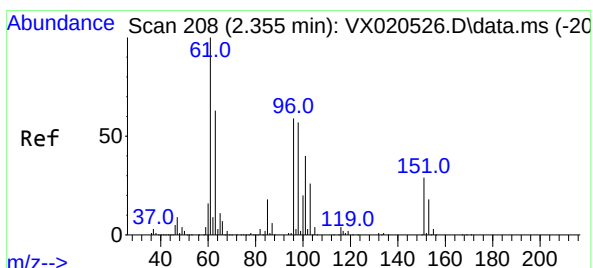
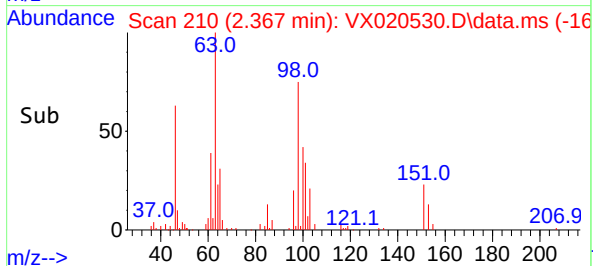
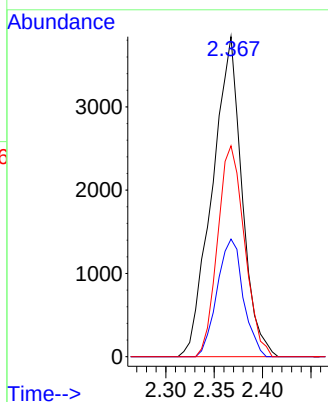
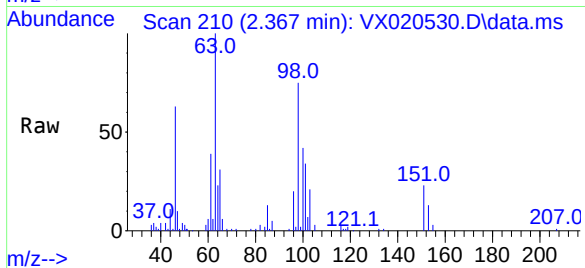
Tgt Ion:	101	Resp:	8213
Ion	Ratio	Lower	Upper
101	100		
85	32.3	34.3	51.5#
151	59.5	60.7	91.1#

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT1-2021-01



#12

1,1-Dichloroethene

Concen: 2.91 ug/L

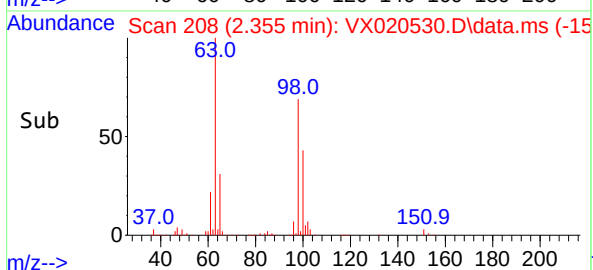
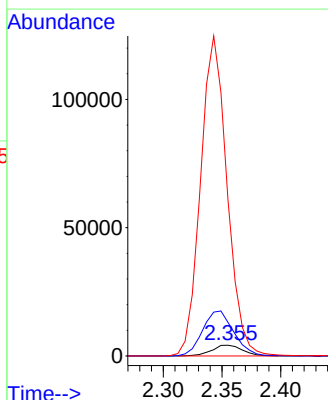
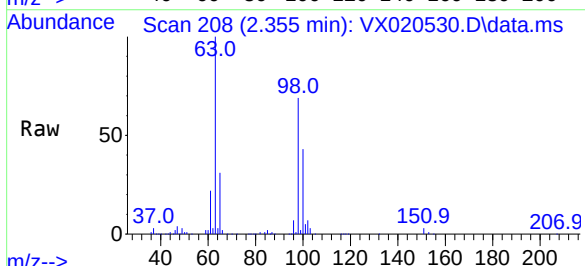
RT: 2.355 min Scan# 208

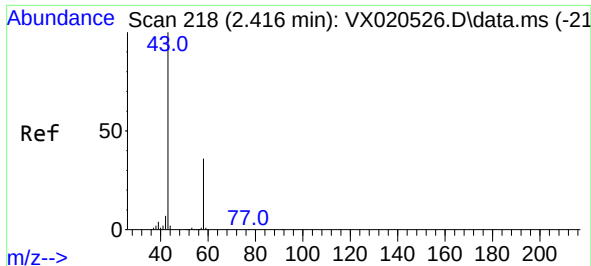
Delta R.T. -0.000 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

Tgt Ion:	96	Resp:	7649
Ion	Ratio	Lower	Upper
96	100		
61	313.9	115.5	214.5#
63	1459.2	77.3	143.7#

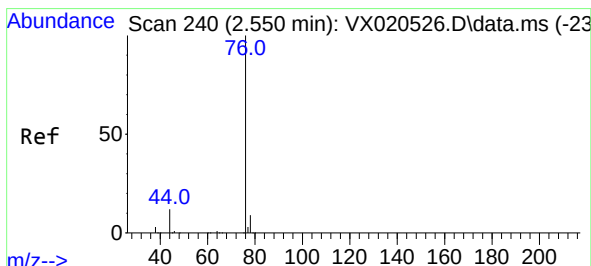
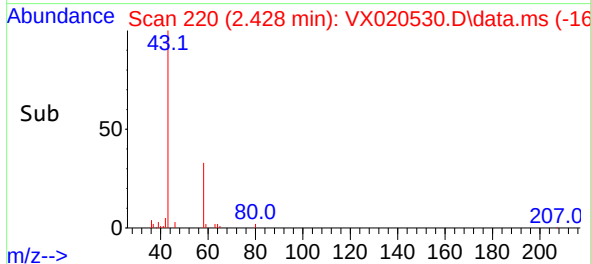
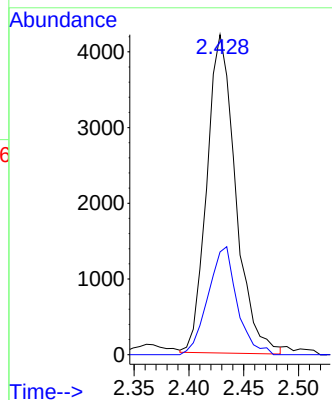
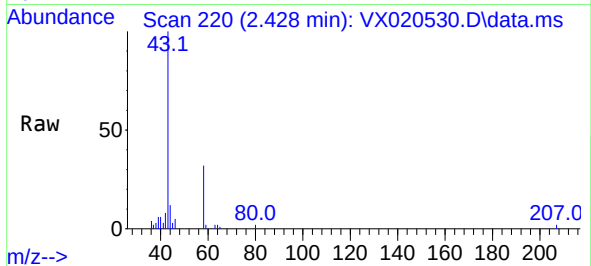




#13
Acetone
Concen: 5.16 ug/L
RT: 2.428 min Scan# 220
Delta R.T. 0.012 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

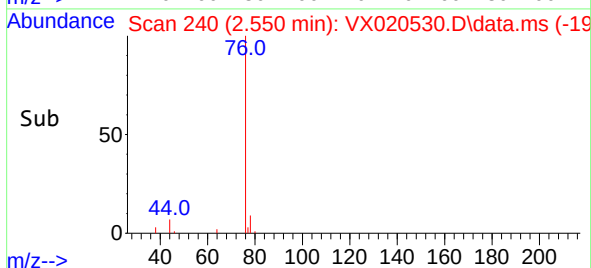
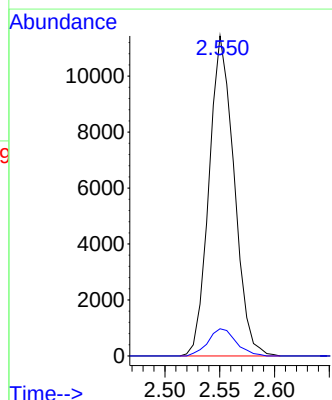
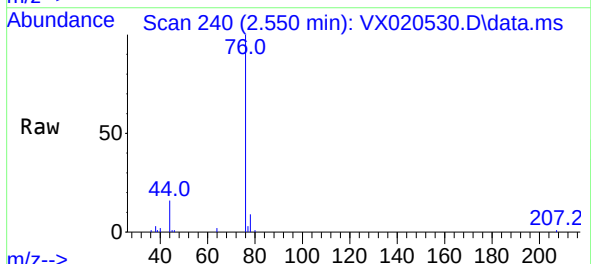
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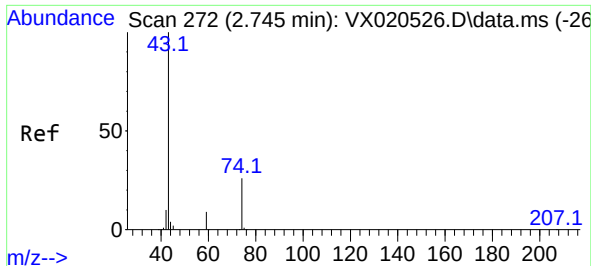
Tgt Ion: 43 Resp: 7689
Ion Ratio Lower Upper
43 100
58 34.0 0.0 68.2



#14
Carbon disulfide
Concen: 2.16 ug/L
RT: 2.550 min Scan# 240
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion: 76 Resp: 18212
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4

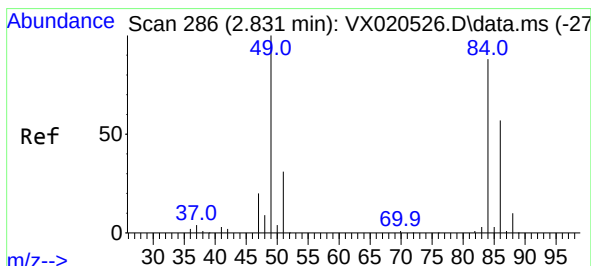
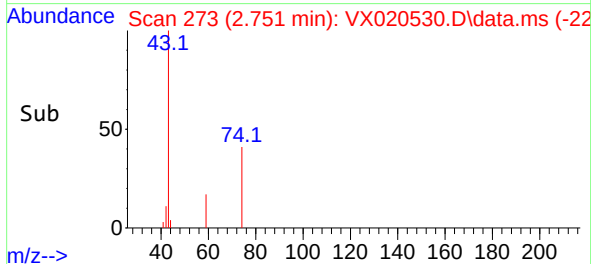
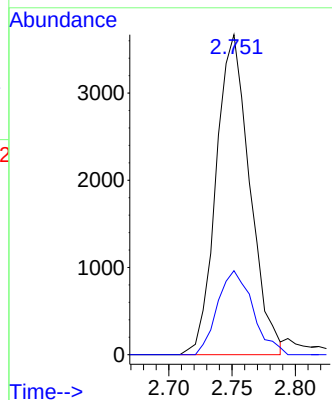
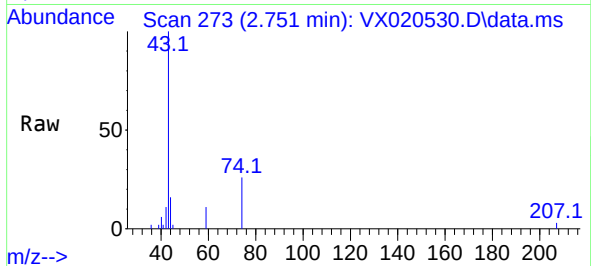




#15
Methyl Acetate
Concen: 2.29 ug/L
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

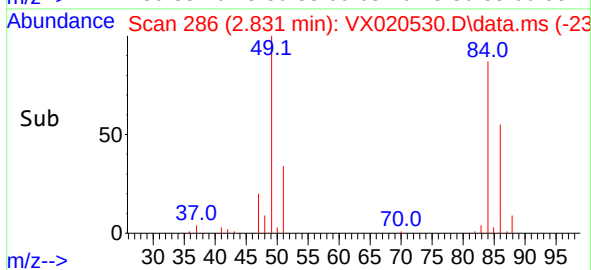
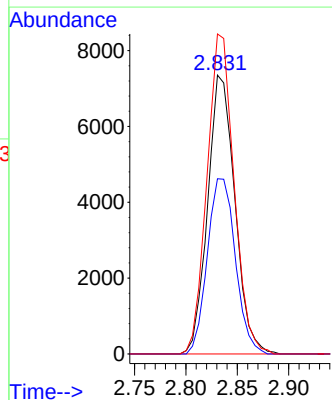
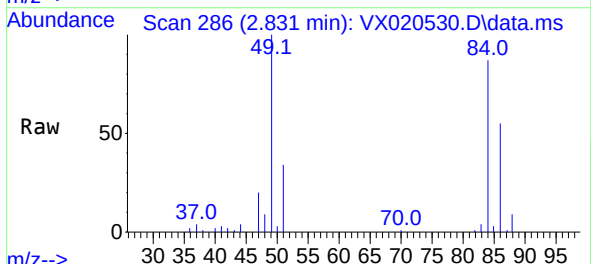
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

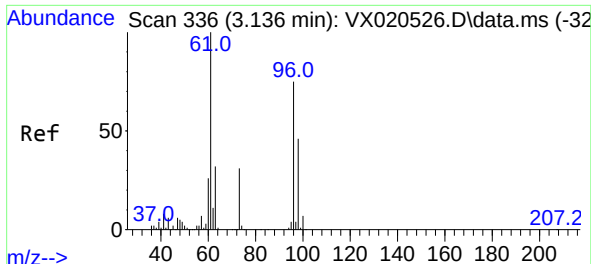
Tgt Ion: 43 Resp: 6794
Ion Ratio Lower Upper
43 100
74 27.6 21.7 32.5



#16
Methylene chloride
Concen: 4.31 ug/L
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

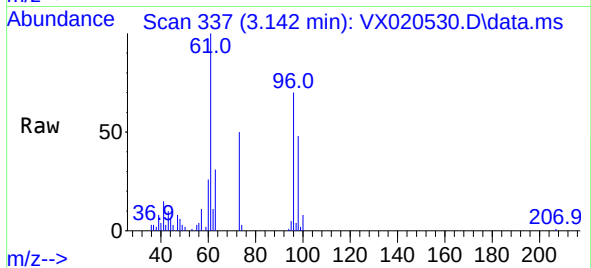
Tgt Ion: 84 Resp: 13563
Ion Ratio Lower Upper
84 100
86 62.8 44.2 82.0
49 114.8 77.8 144.6



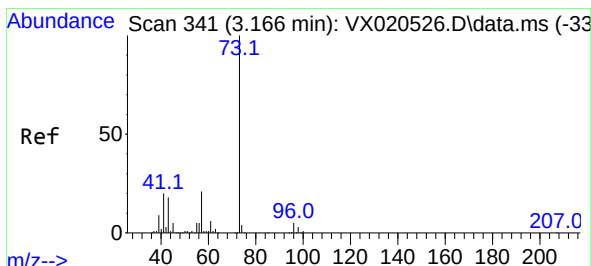
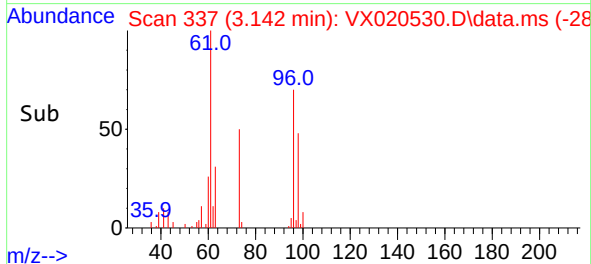
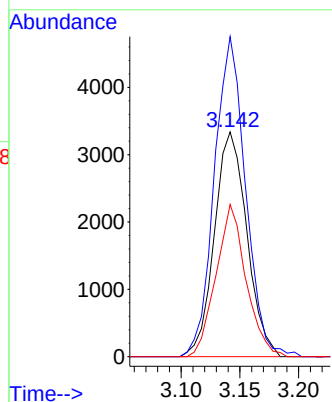


#17
trans-1,2-Dichloroethene
Concen: 2.27 ug/L
RT: 3.142 min Scan# 337
Delta R.T. 0.006 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

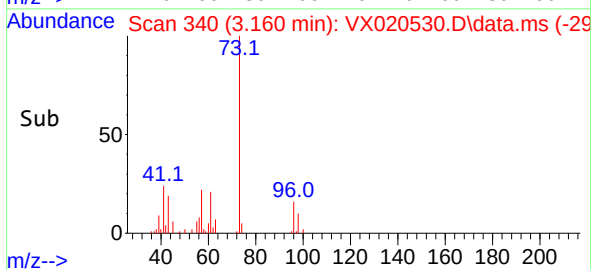
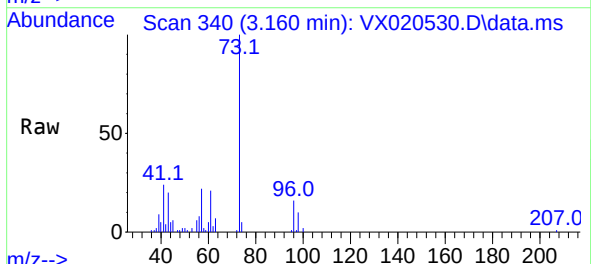
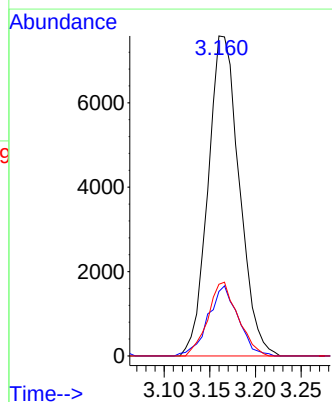


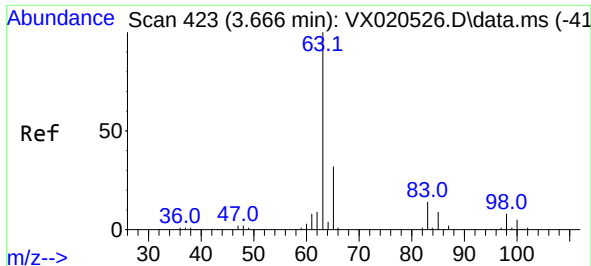
Tgt Ion: 96 Resp: 6426
Ion Ratio Lower Upper
96 100
61 142.3 92.3 171.3
98 67.7 46.3 85.9



#18
Methyl tert-butyl Ether
Concen: 2.11 ug/L
RT: 3.160 min Scan# 340
Delta R.T. -0.006 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion: 73 Resp: 18035
Ion Ratio Lower Upper
73 100
43 21.0 15.1 22.7
57 22.0 17.4 26.2



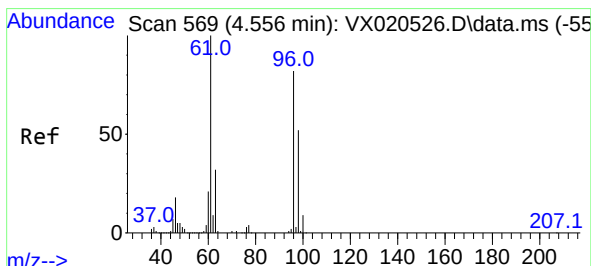
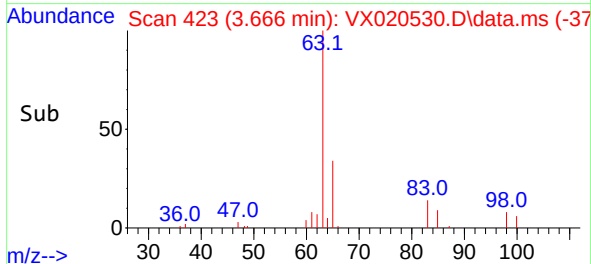
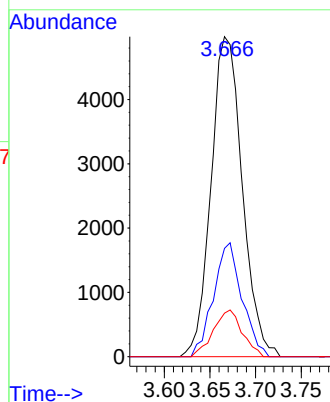
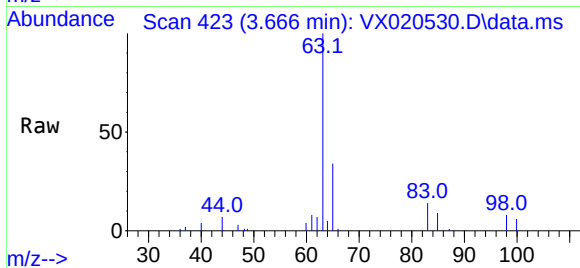


#19

1,1-Dichloroethane
Concen: 2.31 ug/L
RT: 3.666 min Scan# 423
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

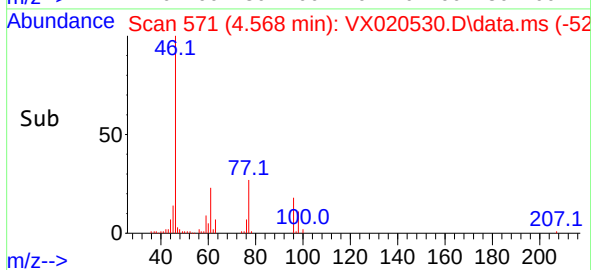
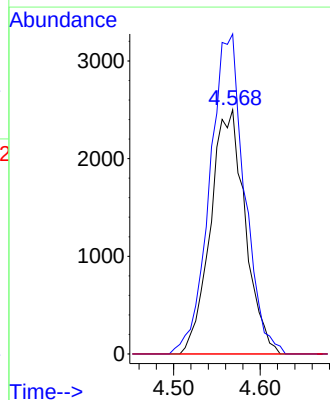
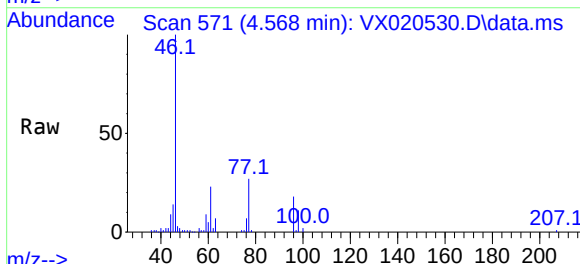
Tgt Ion:	63	Resp:	11822
Ion	Ratio	Lower	Upper
63	100		
65	33.9	22.4	41.6
83	13.6	9.5	17.7

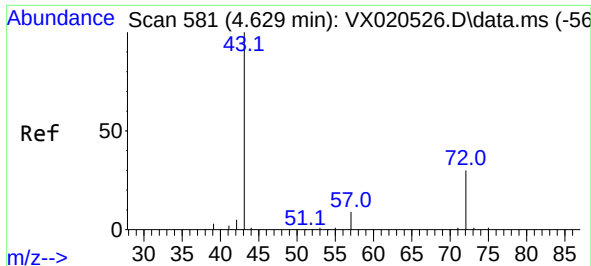


#20

cis-1,2-Dichloroethene
Concen: 2.24 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion:	96	Resp:	6942
Ion	Ratio	Lower	Upper
96	100		
61	131.1	87.8	163.0
68	0.0	0.0	0.0

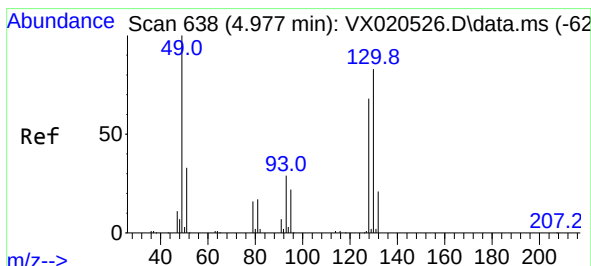
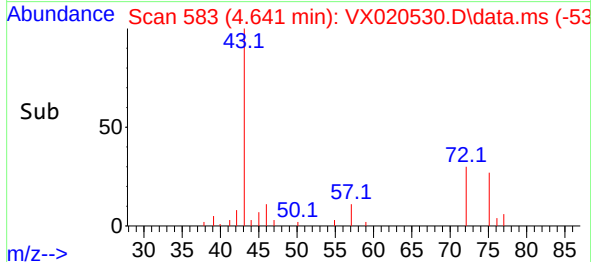
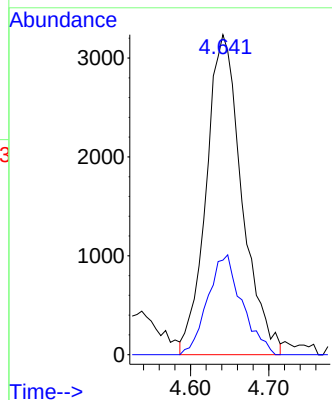
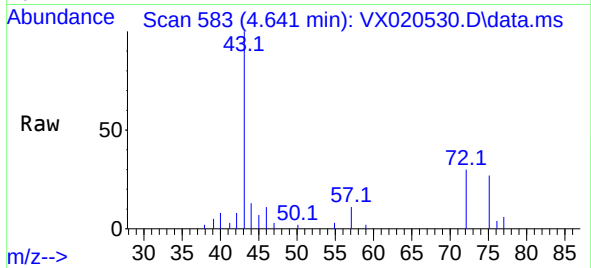




#22
2-Butanone
Concen: 4.65 ug/L
RT: 4.641 min Scan# 583
Delta R.T. 0.012 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

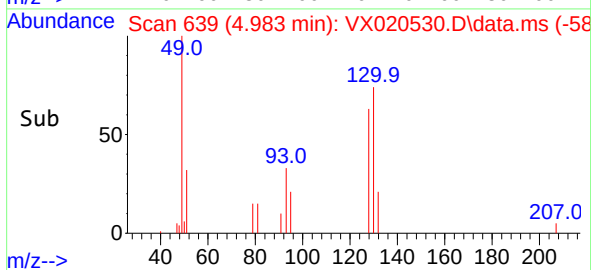
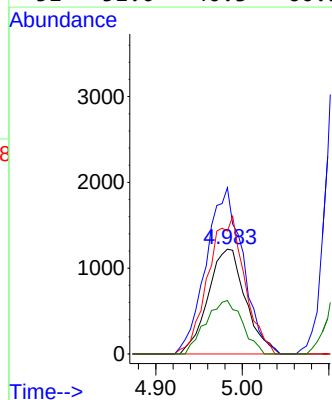
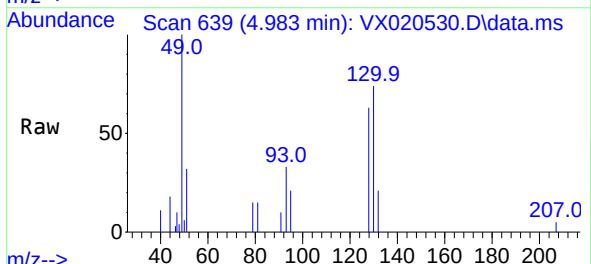
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

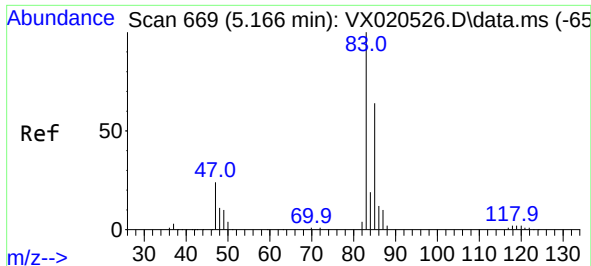
Tgt Ion: 43 Resp: 10240
Ion Ratio Lower Upper
43 100
72 30.0 15.3 45.8



#23
Bromochloromethane
Concen: 2.29 ug/L
RT: 4.983 min Scan# 639
Delta R.T. 0.006 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion: 128 Resp: 3670
Ion Ratio Lower Upper
128 100
49 158.6 107.5 199.7
130 117.4 91.1 169.3
51 51.0 40.3 60.5





#25

Chloroform

Concen: 2.44 ug/L

RT: 5.172 min Scan# 670

Delta R.T. 0.006 min

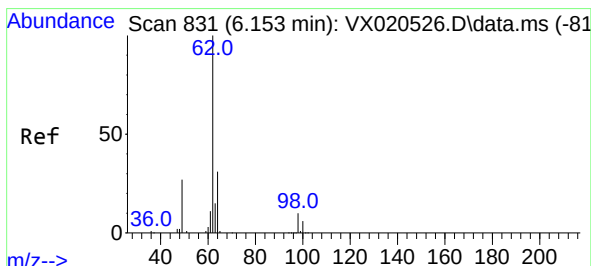
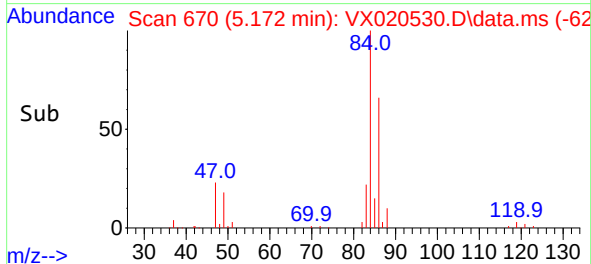
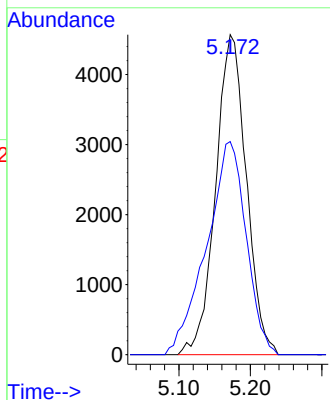
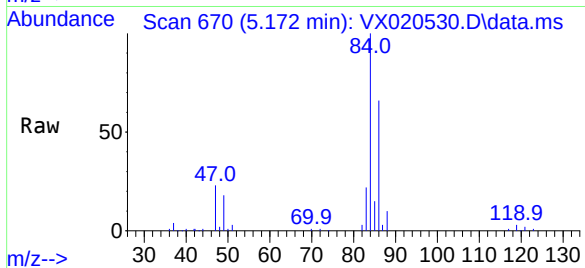
Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

Tgt Ion: 83 Resp: 13619

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
83	100		
85	66.6	46.3	85.9



#27

1,2-Dichloroethane

Concen: 2.36 ug/L

RT: 6.159 min Scan# 832

Delta R.T. 0.006 min

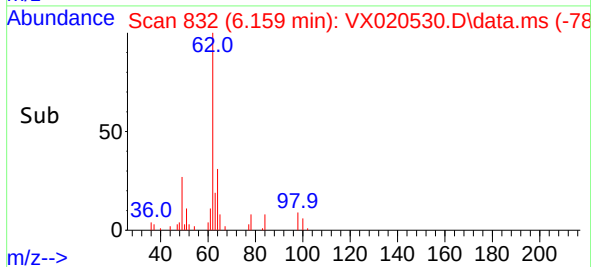
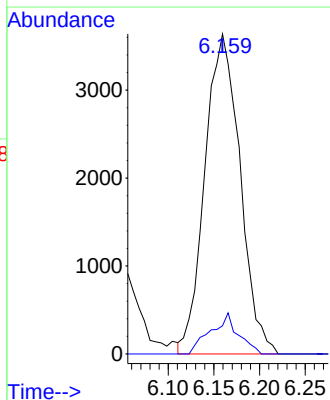
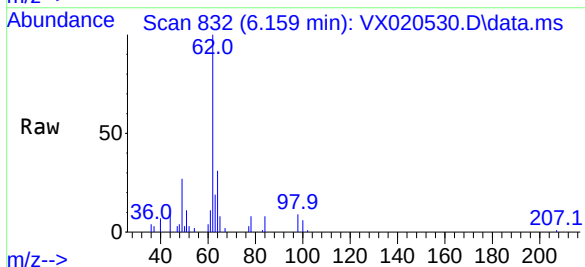
Lab File: VX020530.D

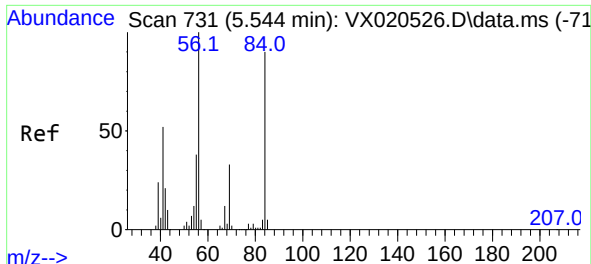
Acq: 07 Jan 2021 16:55

Tgt Ion: 62 Resp: 9737

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
62	100		
98	8.8	7.9	11.9





#29

Cyclohexane

Concen: 2.04 ug/L

RT: 5.544 min Scan# 731

Delta R.T. -0.000 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

Instrument :

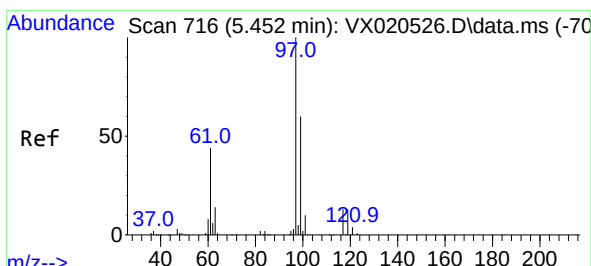
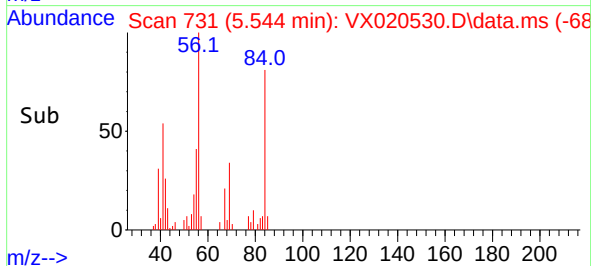
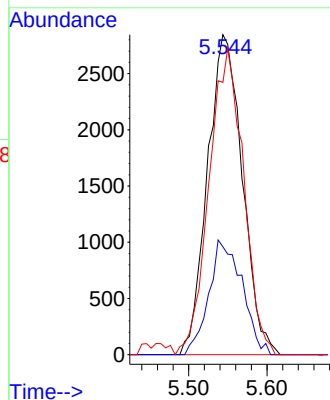
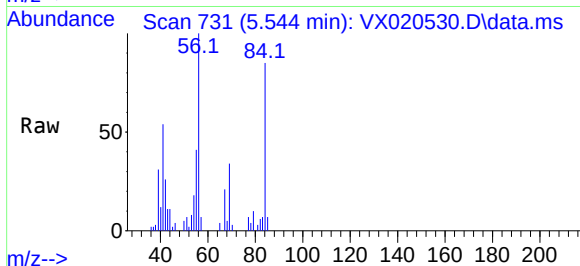
MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT1-2021-01

Tgt Ion: 56 Resp: 8799

Ion	Ratio	Lower	Upper
56	100		
69	34.2	25.7	38.5
84	94.3	72.4	108.6



#30

1,1,1-Trichloroethane

Concen: 2.29 ug/L

RT: 5.458 min Scan# 717

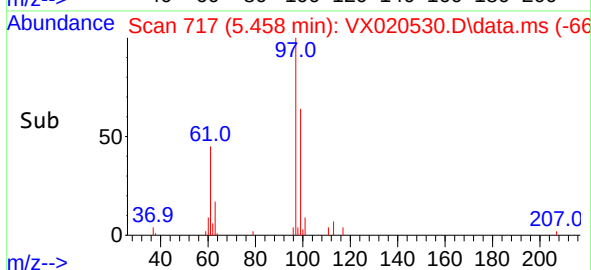
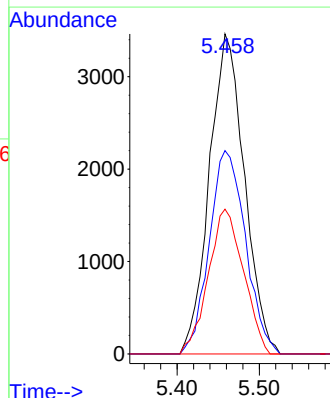
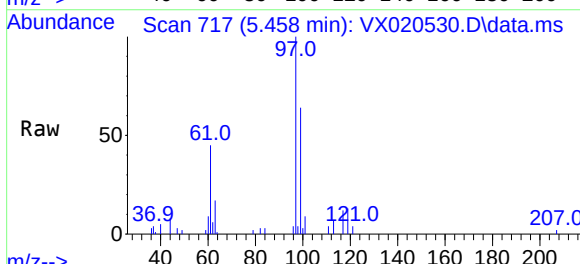
Delta R.T. 0.006 min

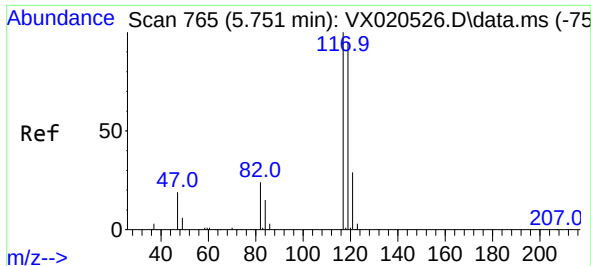
Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

Tgt Ion: 97 Resp: 10259

Ion	Ratio	Lower	Upper
97	100		
99	65.8	52.1	78.1
61	45.4	35.3	52.9

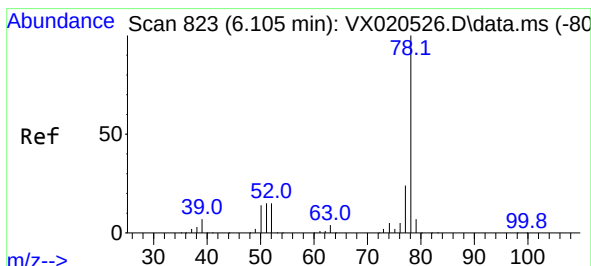
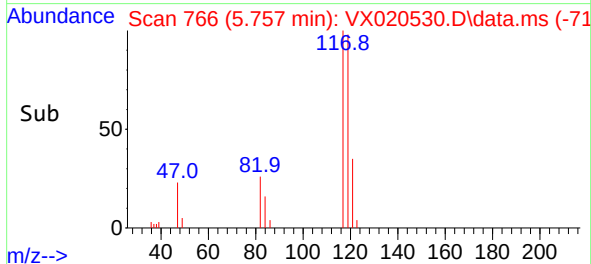
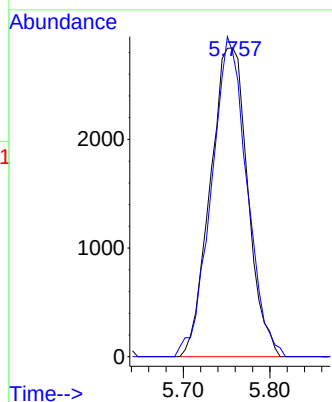
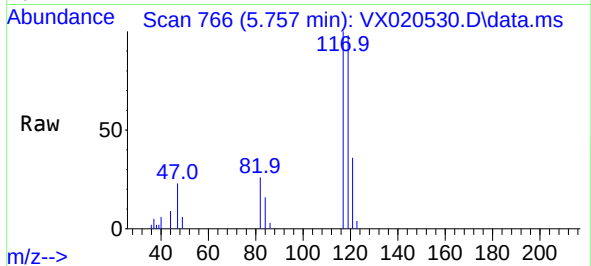




#31
Carbon tetrachloride
Concen: 2.25 ug/L
RT: 5.757 min Scan# 766
Delta R.T. 0.006 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

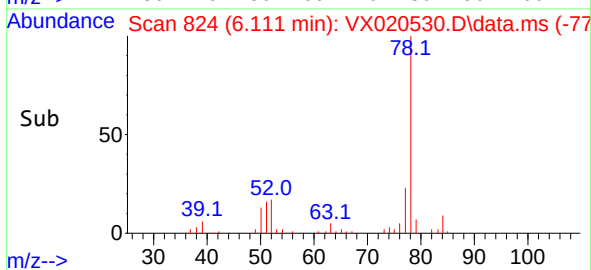
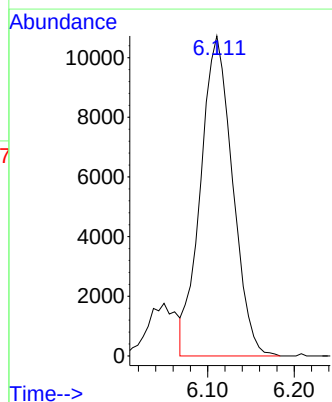
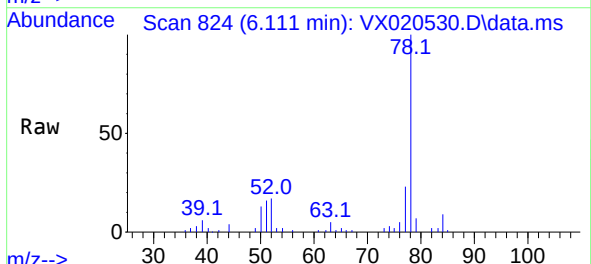
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

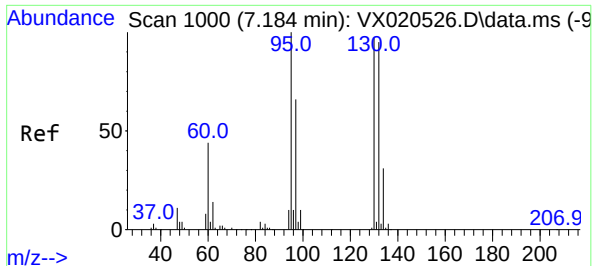
Tgt Ion:117 Resp: 8539
Ion Ratio Lower Upper
117 100
119 98.2 77.5 116.3



#33
Benzene
Concen: 2.37 ug/L
RT: 6.111 min Scan# 824
Delta R.T. 0.006 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion: 78 Resp: 27513





#34

Trichloroethene

Concen: 2.32 ug/L

RT: 7.184 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT1-2021-01

Tgt Ion: 95 Resp: 6855

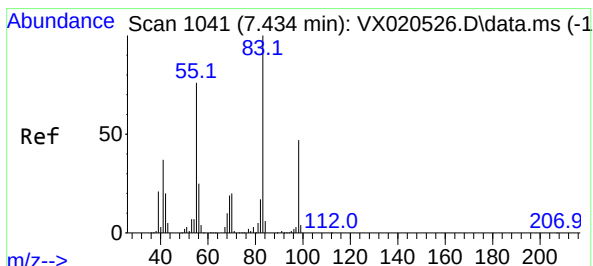
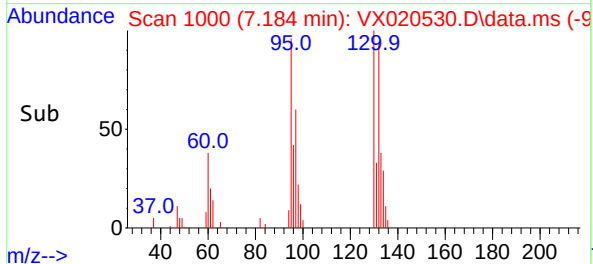
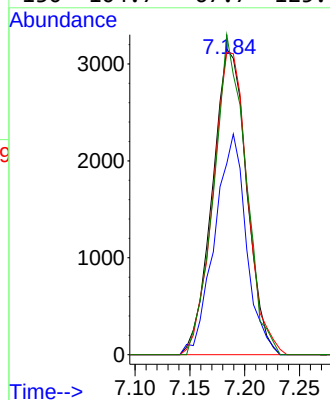
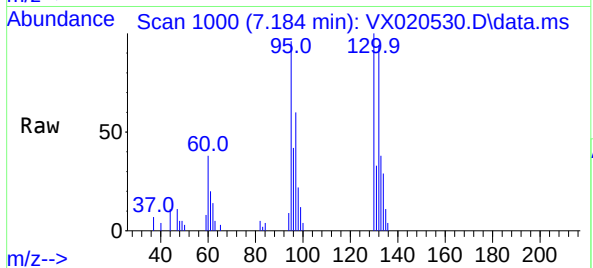
Ion Ratio Lower Upper

95 100

97 62.5 44.5 82.7

132 98.9 65.2 121.0

130 104.7 67.7 125.7



#35

Methylcyclohexane

Concen: 2.09 ug/L

RT: 7.440 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

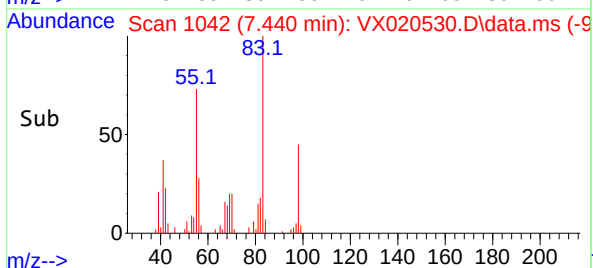
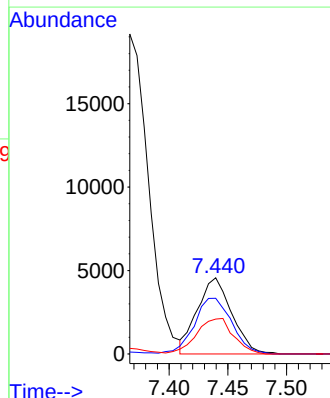
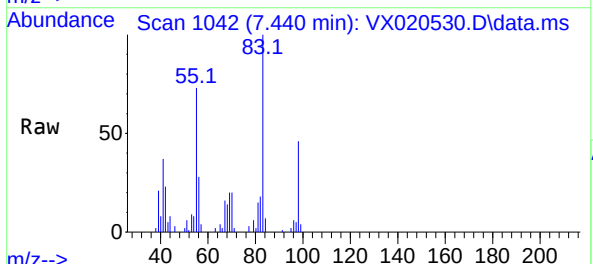
Tgt Ion: 83 Resp: 9292

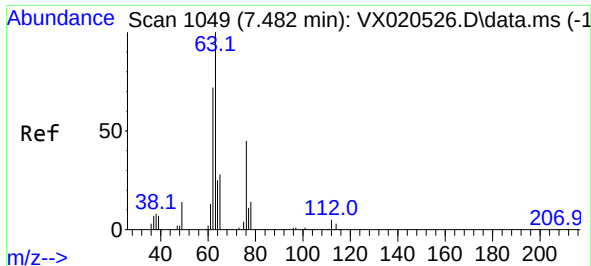
Ion Ratio Lower Upper

83 100

55 79.9 61.2 91.8

98 49.9 38.7 58.1

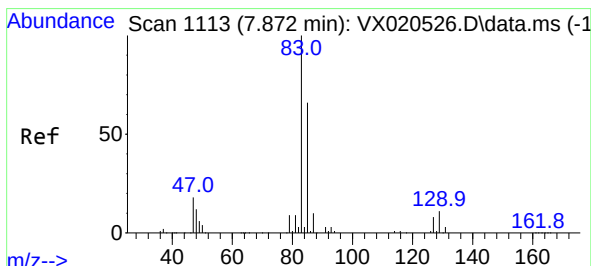
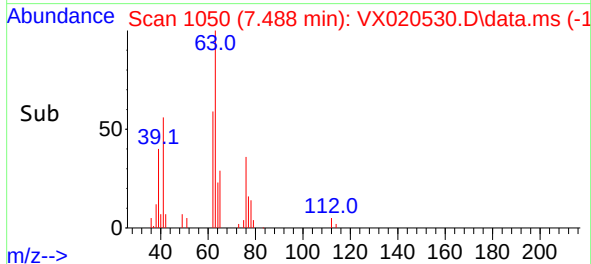
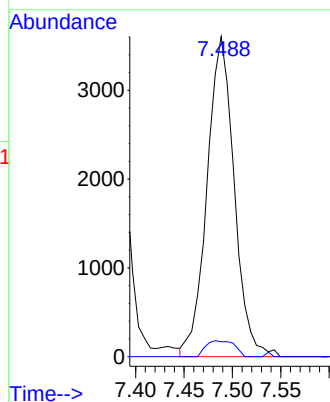
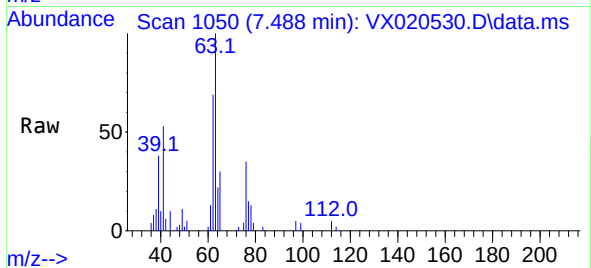




#37
1,2-Dichloropropane
Concen: 2.40 ug/L
RT: 7.488 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

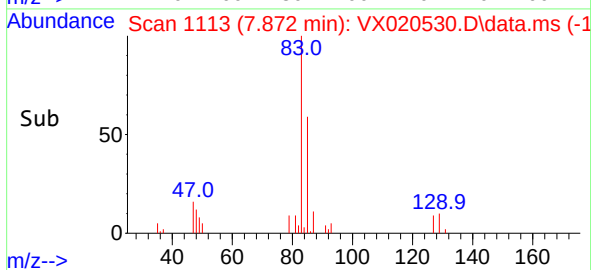
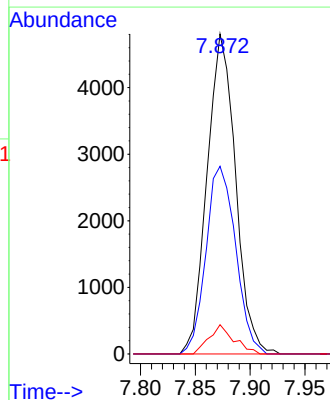
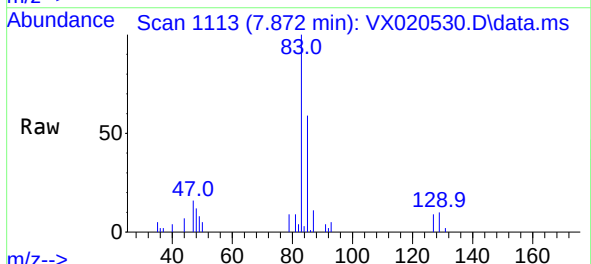
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

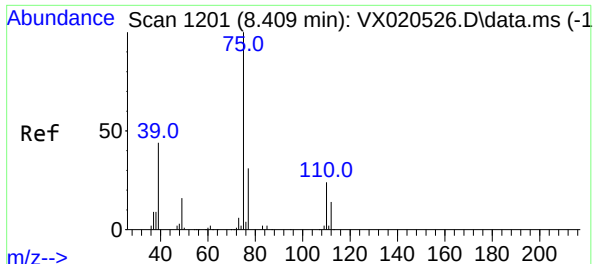
Tgt Ion: 63 Resp: 7053
Ion Ratio Lower Upper
63 100
112 5.2 3.6 5.4



#38
Bromodichloromethane
Concen: 2.30 ug/L
RT: 7.872 min Scan# 1113
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion: 83 Resp: 8687
Ion Ratio Lower Upper
83 100
85 58.6 45.1 83.7
127 9.2 6.6 10.0

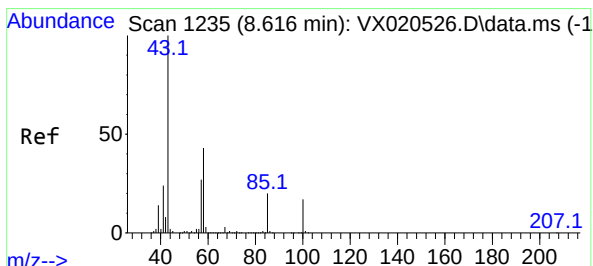
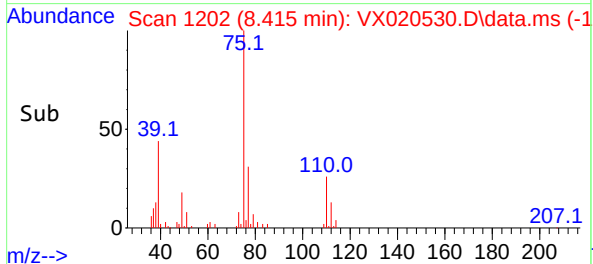
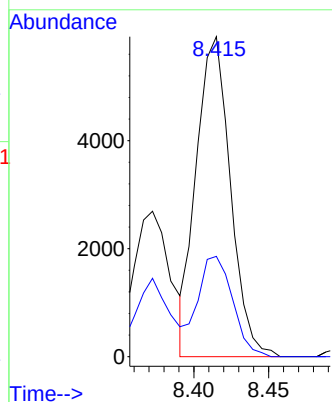
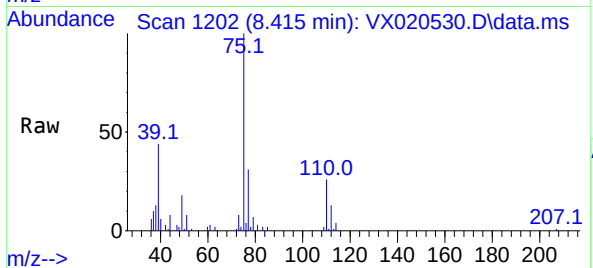




#39
cis-1,3-Dichloropropene
Concen: 2.13 ug/L
RT: 8.415 min Scan# 1202
Delta R.T. 0.006 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

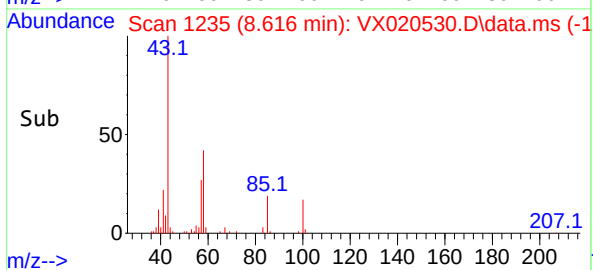
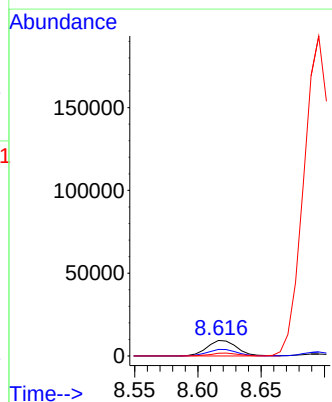
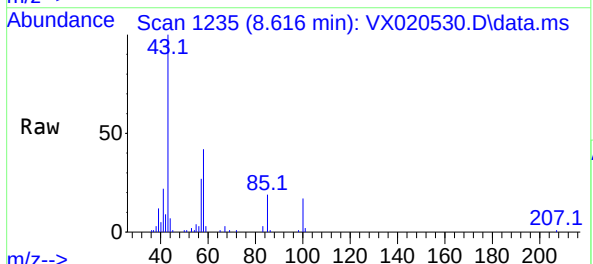
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

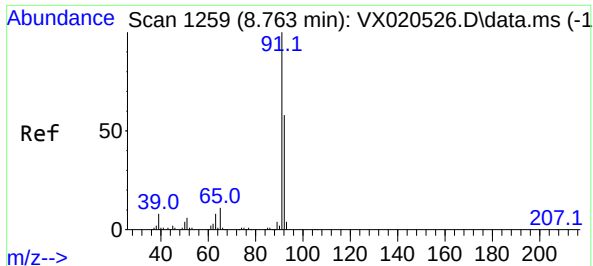
Tgt Ion: 75 Resp: 9395
Ion Ratio Lower Upper
75 100
77 31.3 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 3.99 ug/L
RT: 8.616 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion: 43 Resp: 15420
Ion Ratio Lower Upper
43 100
58 41.7 35.0 52.4
100 17.7 14.2 21.4

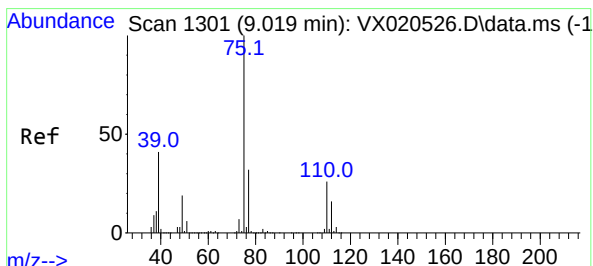
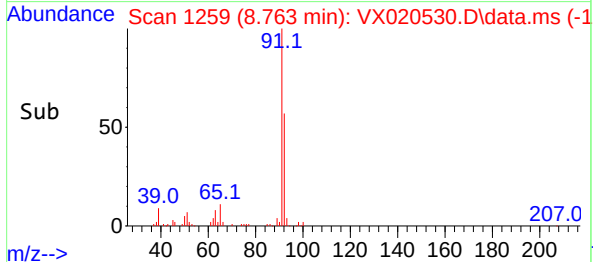
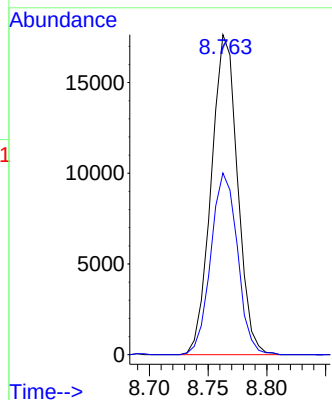
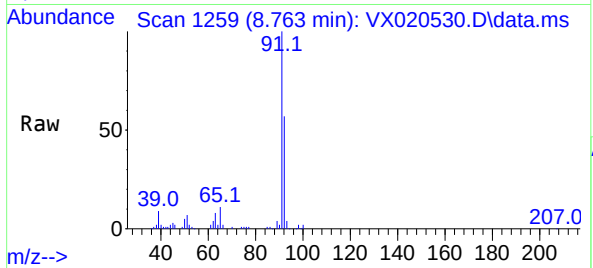




#42
Toluene
Concen: 2.27 ug/L
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

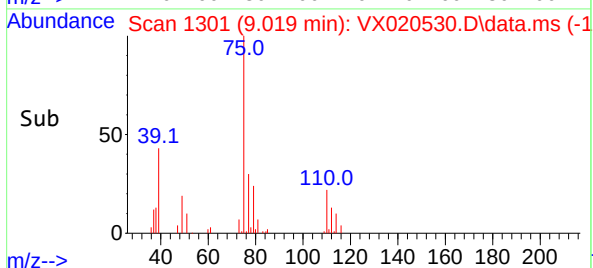
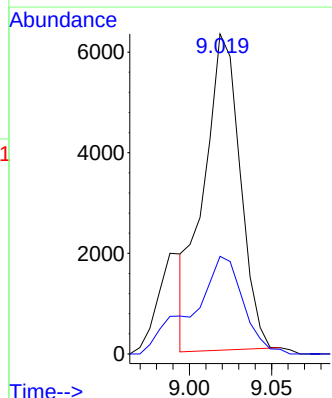
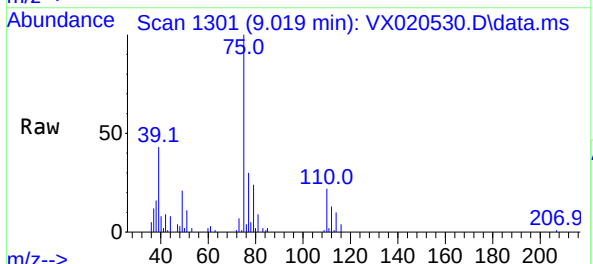
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

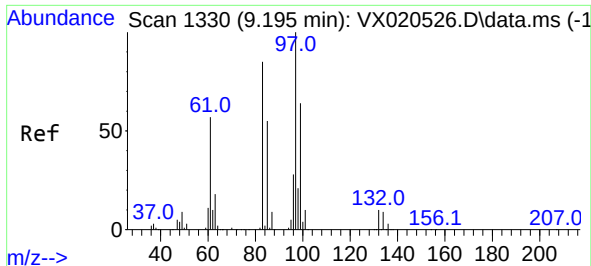
Tgt Ion: 91 Resp: 27507
Ion Ratio Lower Upper
91 100
92 56.8 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 2.25 ug/L
RT: 9.019 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

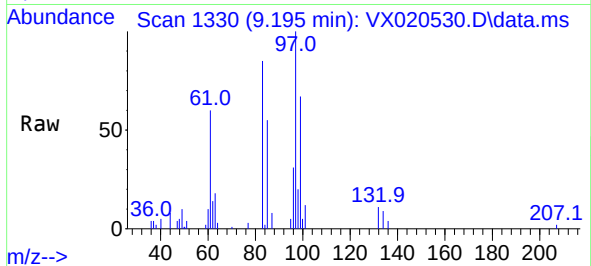
Tgt Ion: 75 Resp: 9711
Ion Ratio Lower Upper
75 100
77 30.5 22.4 41.6





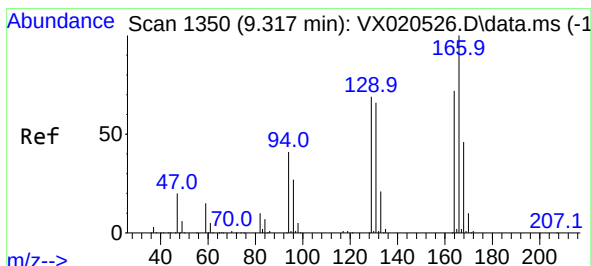
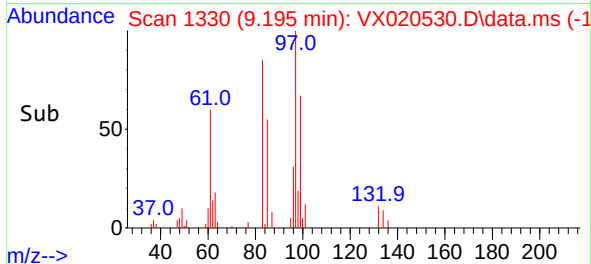
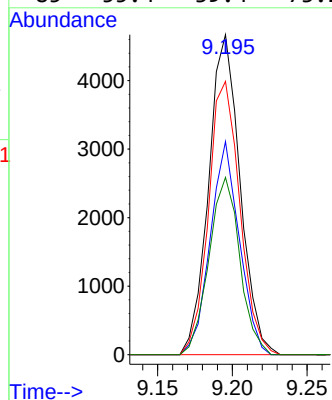
#45
1,1,2-Trichloroethane
Concen: 2.35 ug/L
RT: 9.195 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01



Tgt Ion: 97 Resp: 6833

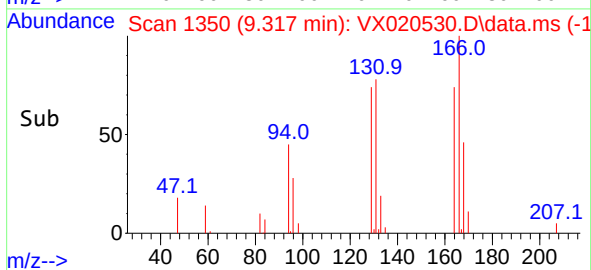
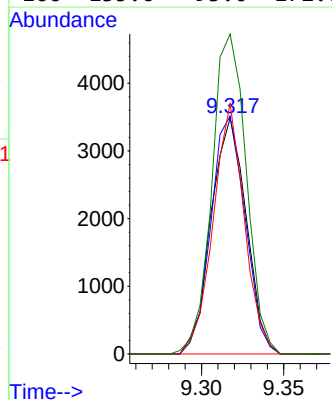
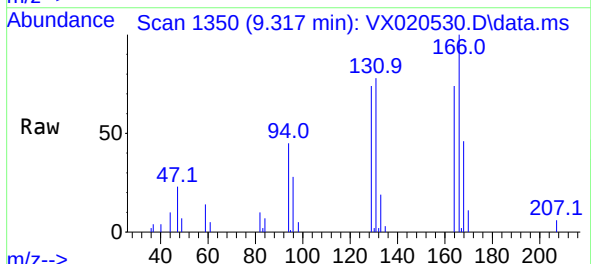
Ion	Ratio	Lower	Upper
97	100		
99	66.6	44.0	81.6
83	85.4	60.8	113.0
85	55.4	39.4	73.2

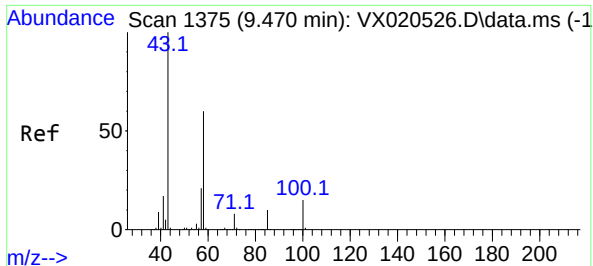


#46
Tetrachloroethene
Concen: 2.27 ug/L
RT: 9.317 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion: 164 Resp: 5189

Ion	Ratio	Lower	Upper
164	100		
129	100.8	65.6	121.8
131	106.0	63.7	118.3
166	135.6	93.0	172.6

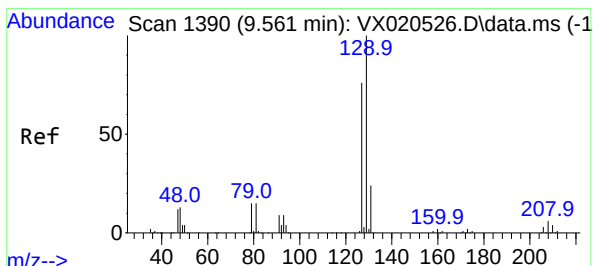
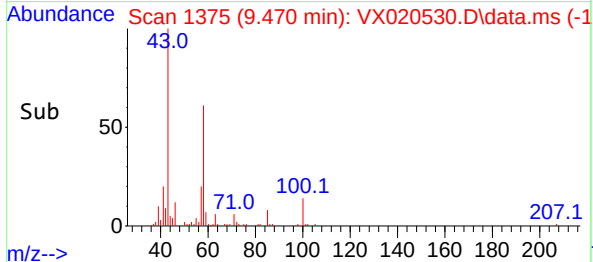
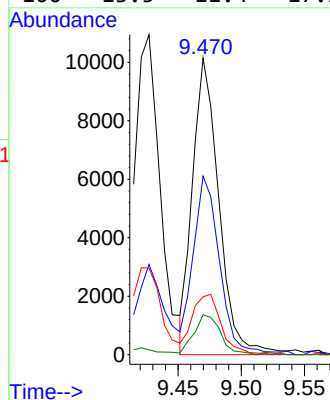
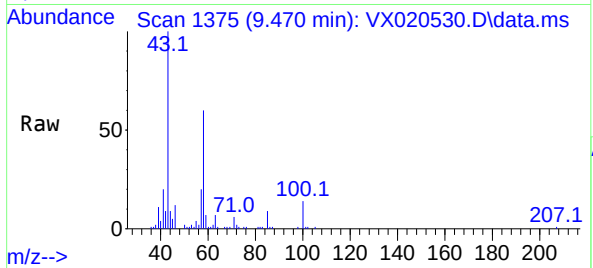




#48
2-Hexanone
Concen: 4.82 ug/L
RT: 9.470 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

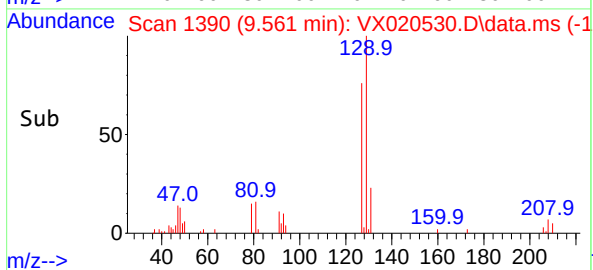
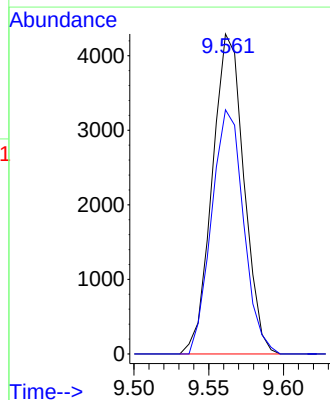
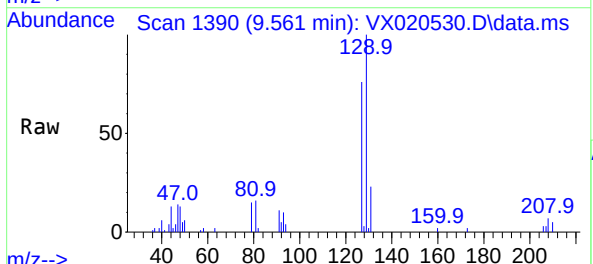
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

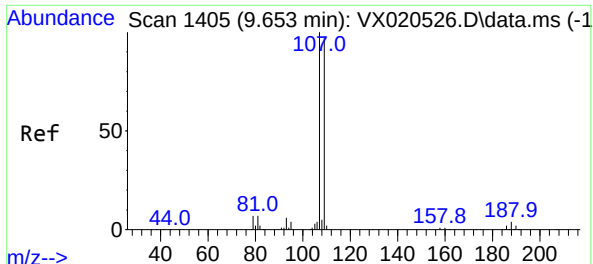
Tgt Ion:	43	Resp:	14703
Ion	Ratio	Lower	Upper
43	100		
58	60.2	50.1	75.1
57	22.3	17.3	25.9
100	13.5	11.4	17.2



#49
Dibromochloromethane
Concen: 2.12 ug/L
RT: 9.561 min Scan# 1390
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion:	129	Resp:	6312
Ion	Ratio	Lower	Upper
129	100		
127	76.3	52.5	97.5

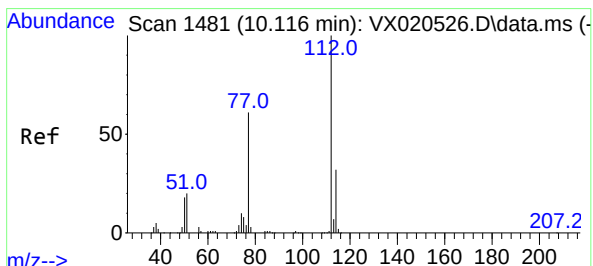
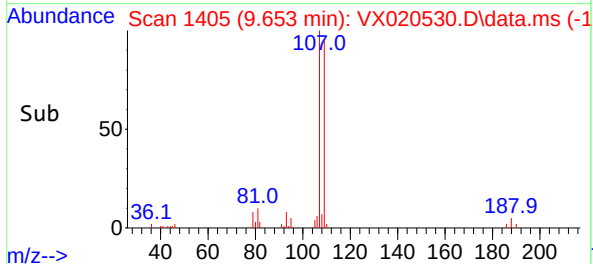
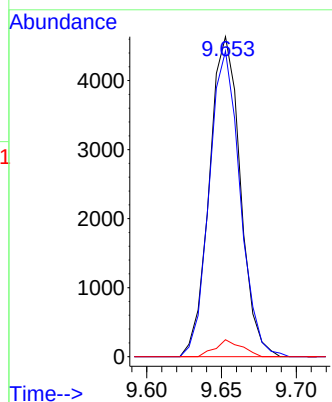
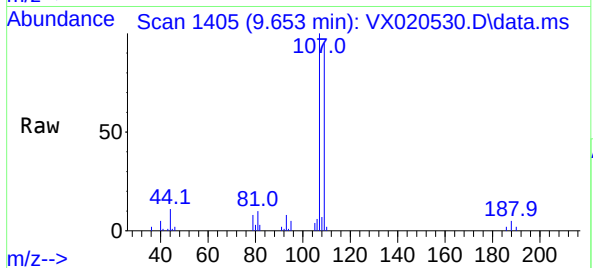




#50
1,2-Dibromoethane
Concen: 2.21 ug/L
RT: 9.653 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

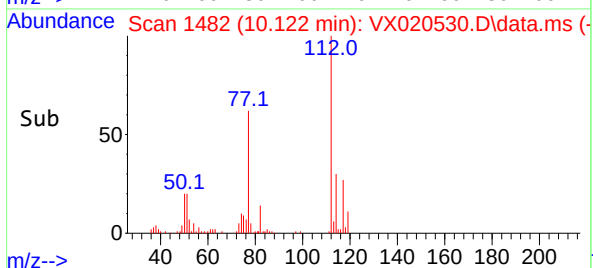
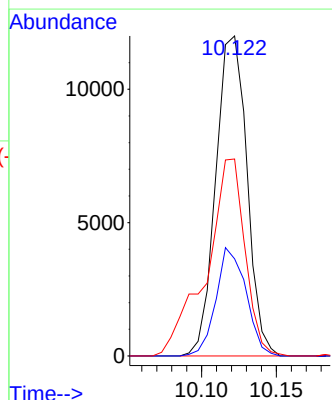
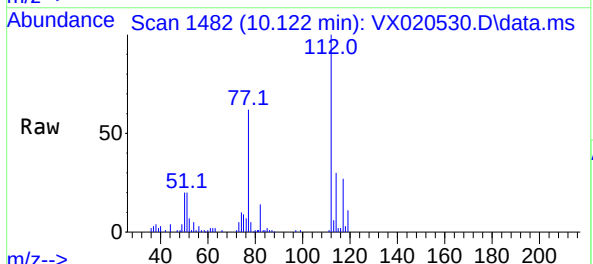
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

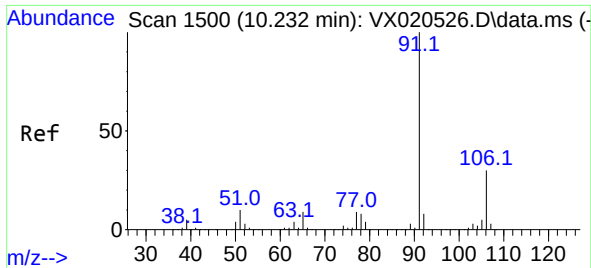
Tgt Ion:	107	Resp:	6663
Ion	Ratio	Lower	Upper
107	100		
109	95.5	66.4	123.4
188	5.3	3.2	4.8#



#51
Chlorobenzene
Concen: 2.27 ug/L
RT: 10.122 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion:	112	Resp:	17424
Ion	Ratio	Lower	Upper
112	100		
114	30.4	23.2	43.2
77	61.6	48.4	72.6

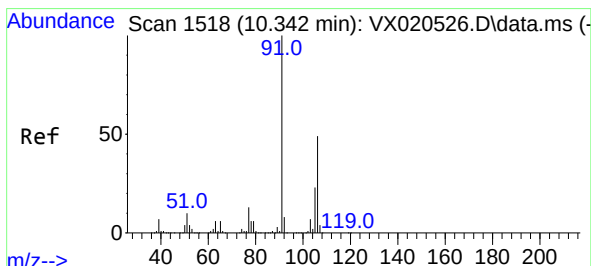
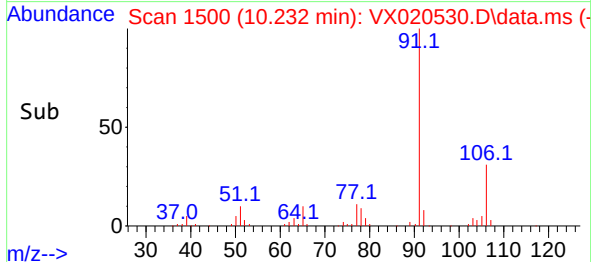
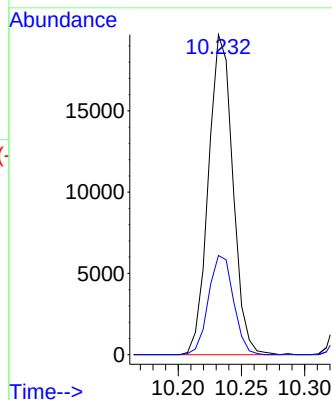
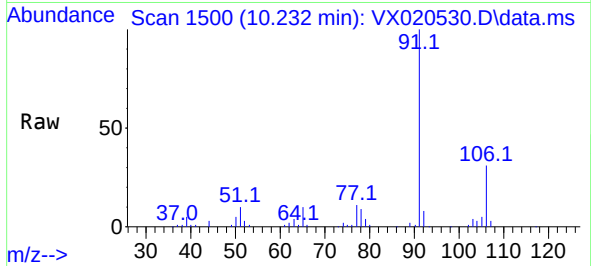




#52
Ethylbenzene
Concen: 2.03 ug/L
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

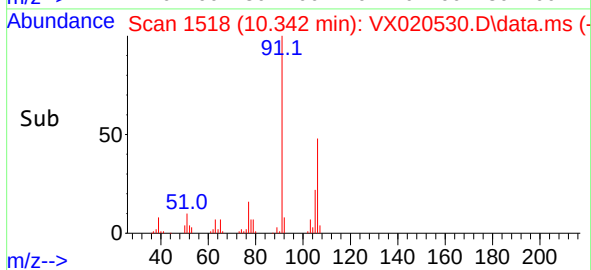
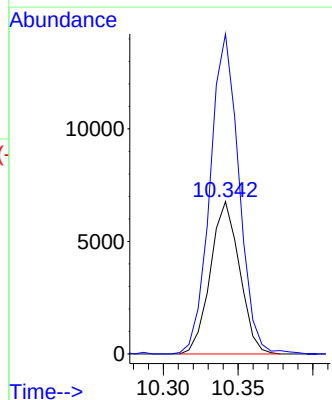
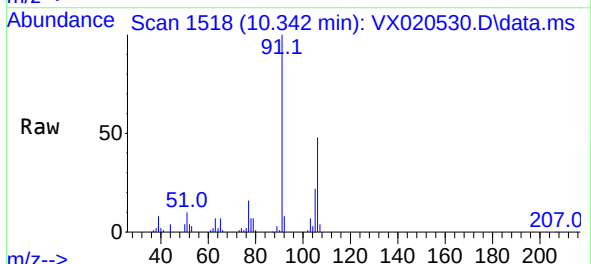
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

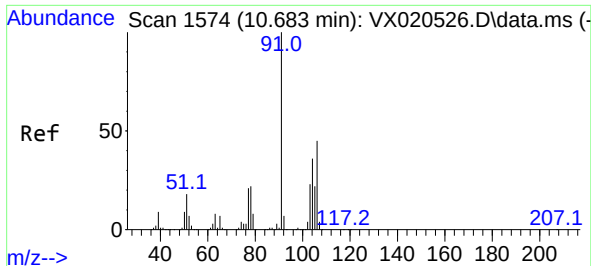
Tgt Ion: 91 Resp: 26408
Ion Ratio Lower Upper
91 100
106 31.0 21.0 39.0



#53
m,p-Xylene
Concen: 1.89 ug/L
RT: 10.342 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion:106 Resp: 9177
Ion Ratio Lower Upper
106 100
91 210.1 142.5 264.6

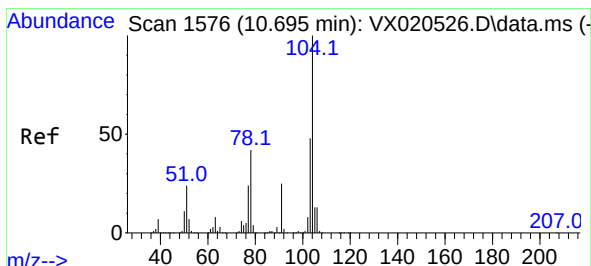
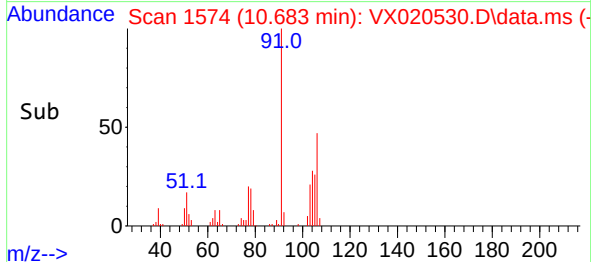
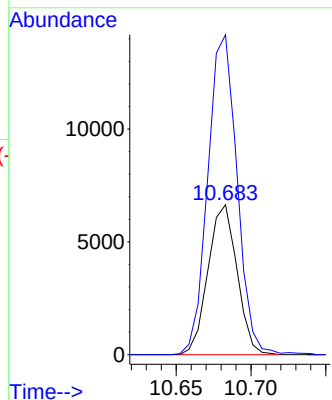
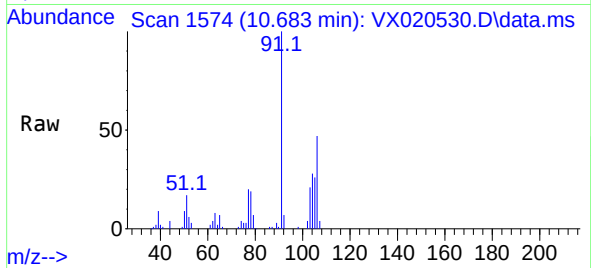




#54
o-Xylene
Concen: 1.91 ug/L
RT: 10.683 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

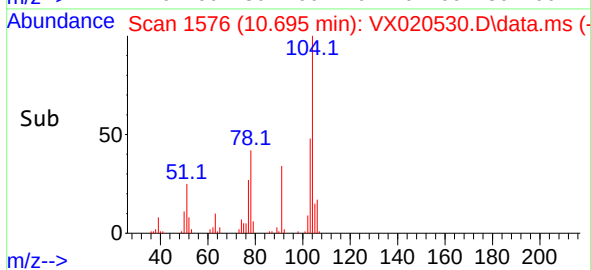
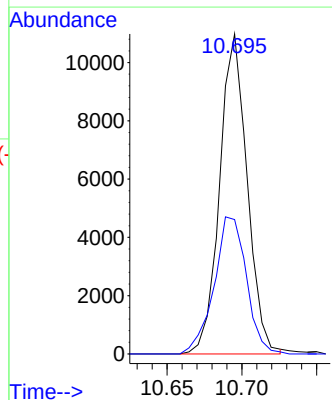
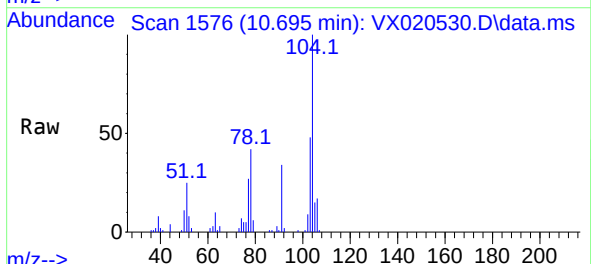
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

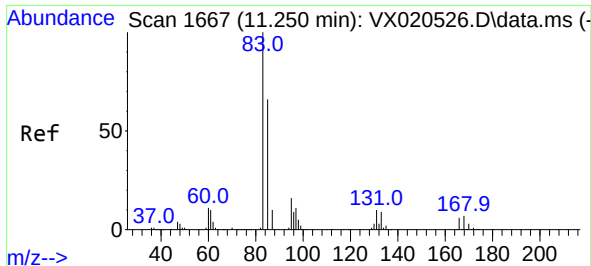
Tgt Ion:106 Resp: 8979
Ion Ratio Lower Upper
106 100
91 213.4 156.2 290.0



#55
Styrene
Concen: 1.76 ug/L
RT: 10.695 min Scan# 1576
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion:104 Resp: 14049
Ion Ratio Lower Upper
104 100
78 42.0 30.0 55.6

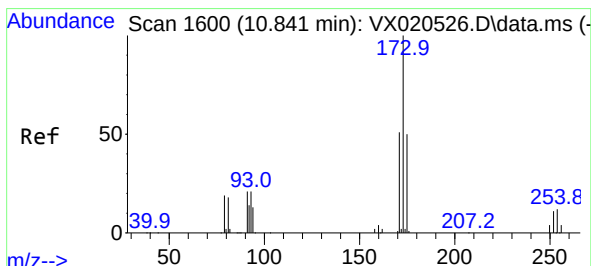
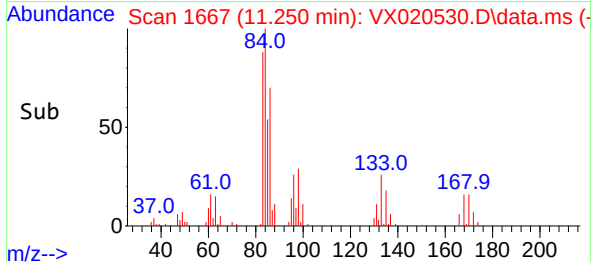
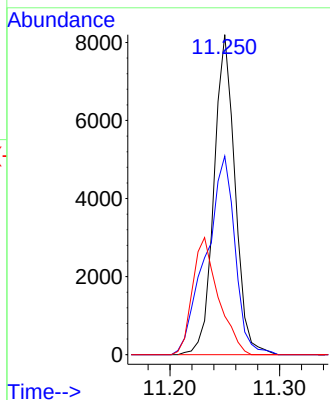
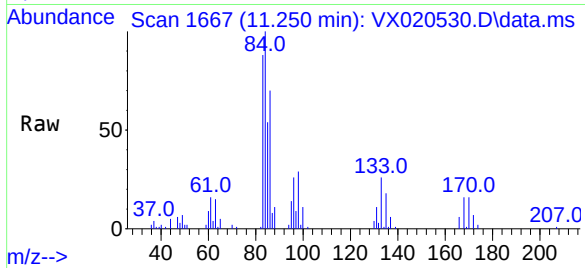




#57
1,1,2,2-Tetrachloroethane
Concen: 2.37 ug/L
RT: 11.250 min Scan# 1667
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

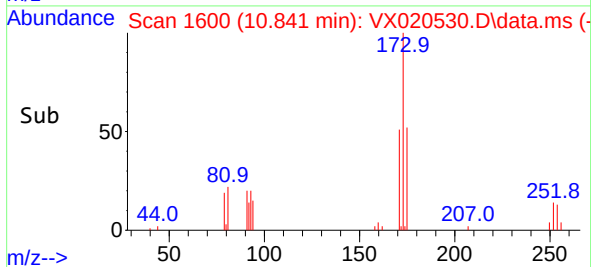
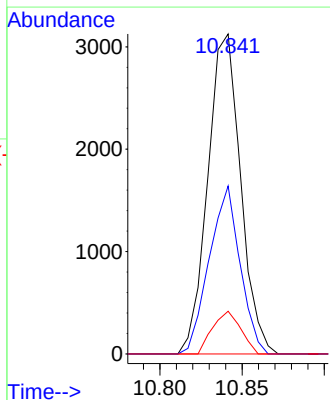
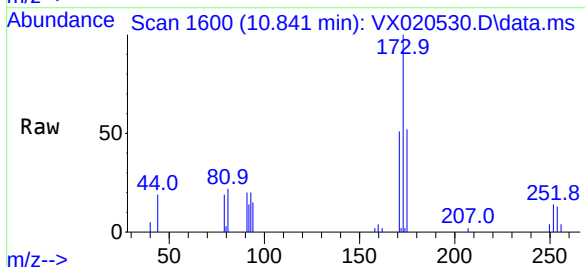
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

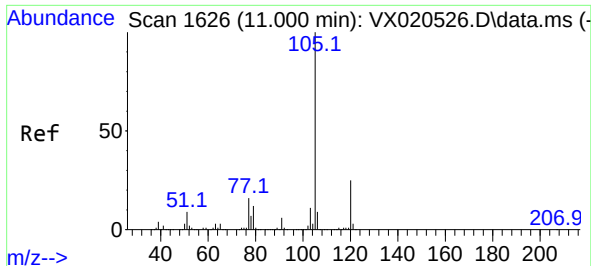
Tgt Ion: 83	Resp: 10947
Ion Ratio	Lower Upper
83 100	
85 62.0	44.7 82.9
131 12.1	7.8 11.8#



#59
Bromoform
Concen: 2.20 ug/L
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion: 173	Resp: 4349
Ion Ratio	Lower Upper
173 100	
175 49.1	39.4 59.2
254 11.4	8.6 13.0

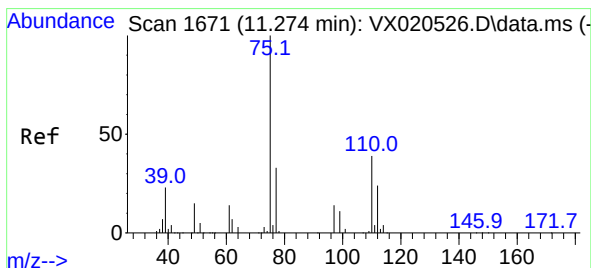
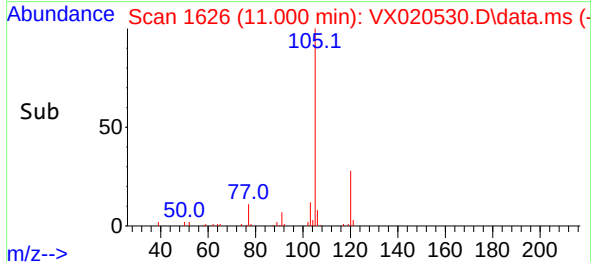
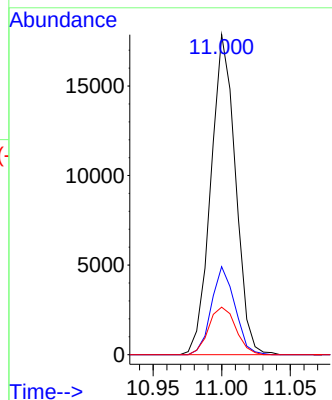
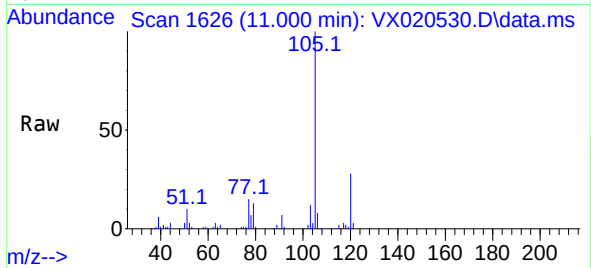




#60
Isopropylbenzene
Concen: 2.00 ug/L
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

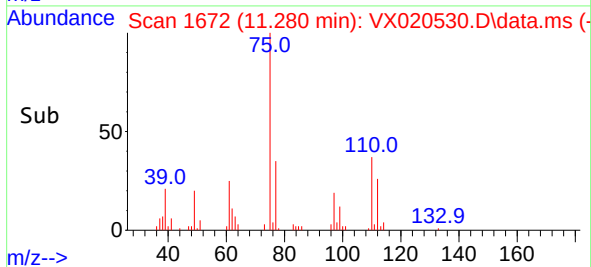
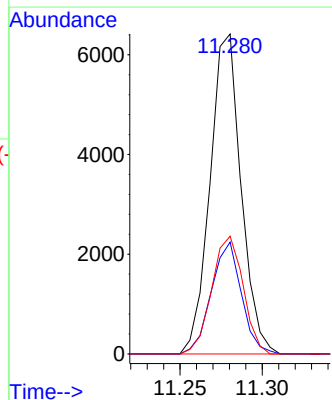
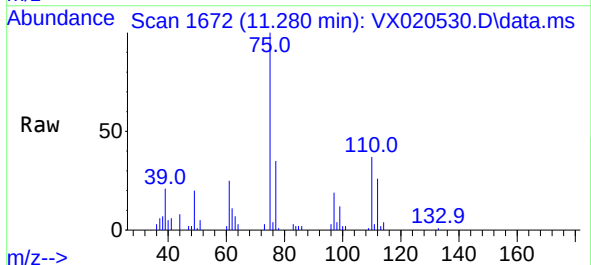
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

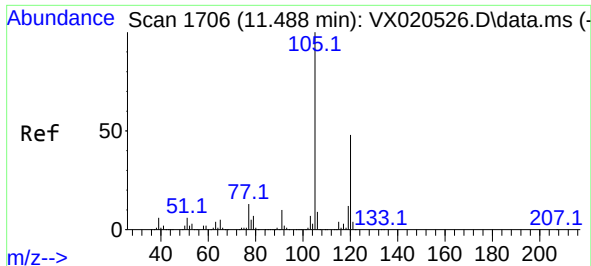
Tgt Ion:	105	Resp:	22378
Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.2	31.8
77	16.3	12.6	18.8



#61
1,2,3-Trichloropropane
Concen: 2.44 ug/L
RT: 11.280 min Scan# 1672
Delta R.T. 0.006 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion:	75	Resp:	8441
Ion	Ratio	Lower	Upper
75	100		
77	33.8	26.2	39.2
110	37.2	31.8	47.8

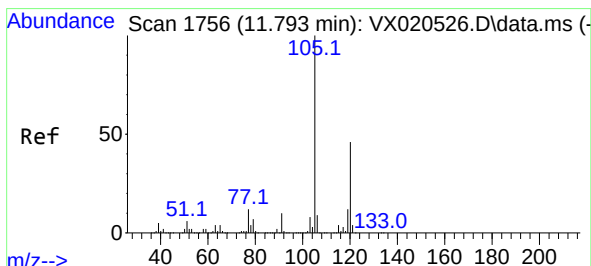
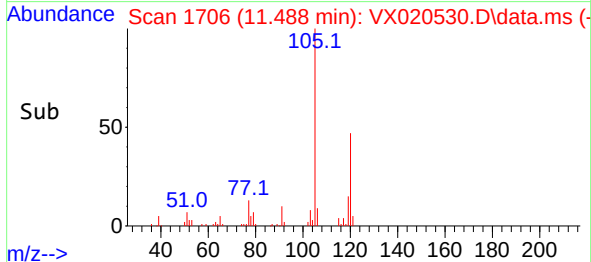
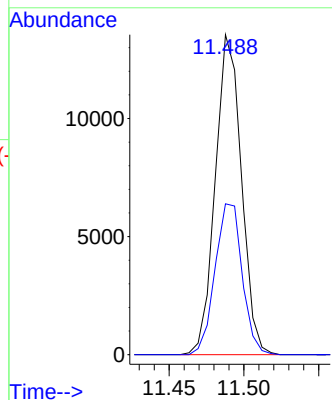
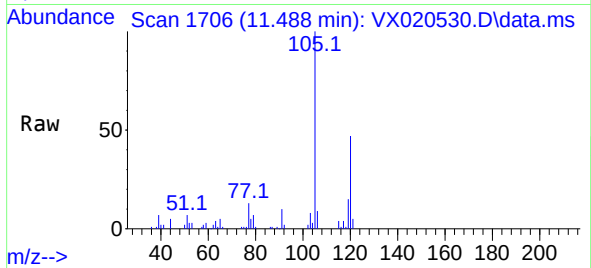




#62
1,3,5-Trimethylbenzene
Concen: 1.81 ug/L
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

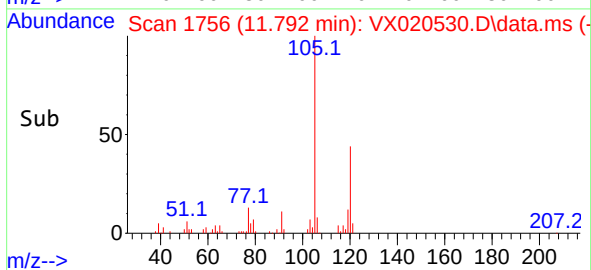
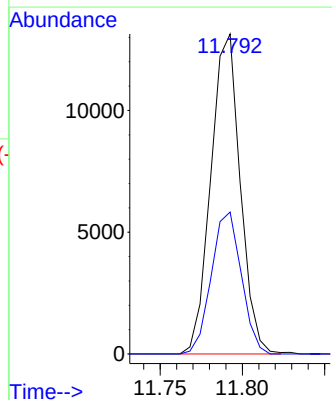
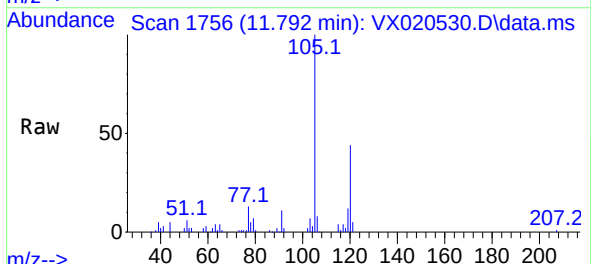
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

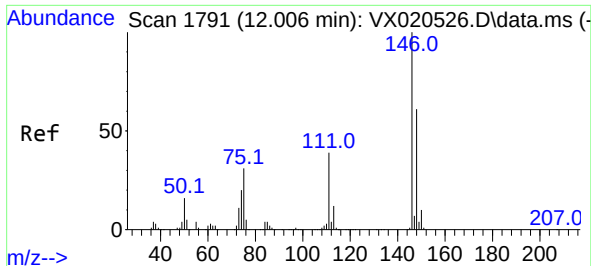
Tgt Ion:105 Resp: 16441
Ion Ratio Lower Upper
105 100
120 49.1 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 1.78 ug/L
RT: 11.792 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion:105 Resp: 16372
Ion Ratio Lower Upper
105 100
120 45.1 36.4 54.6

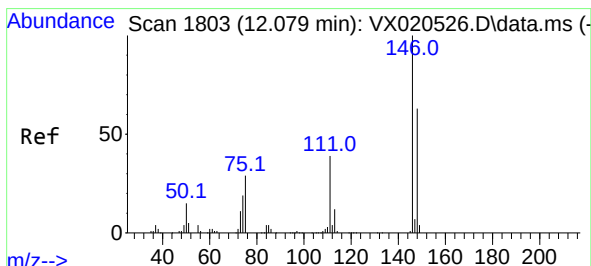
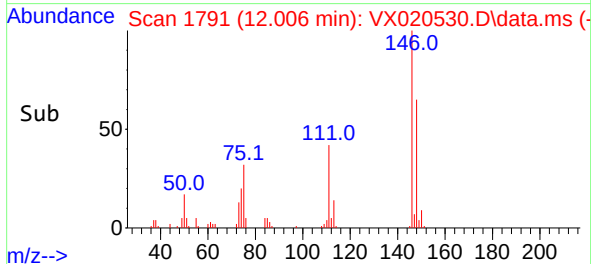
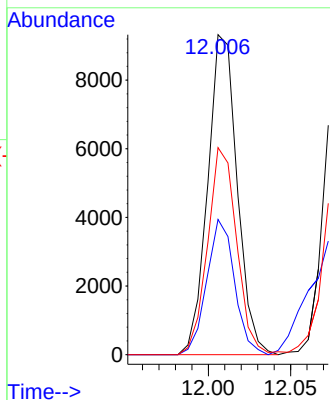
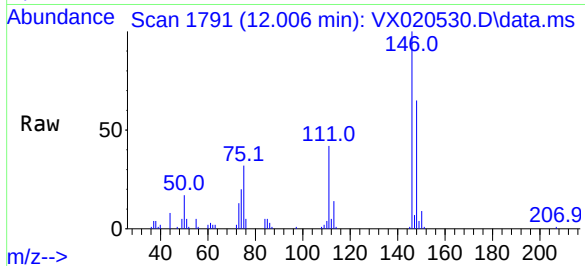




#64
1,3-Dichlorobenzene
Concen: 2.23 ug/L
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

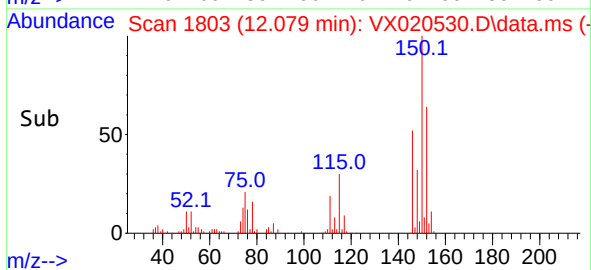
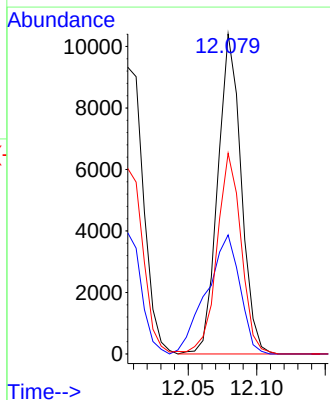
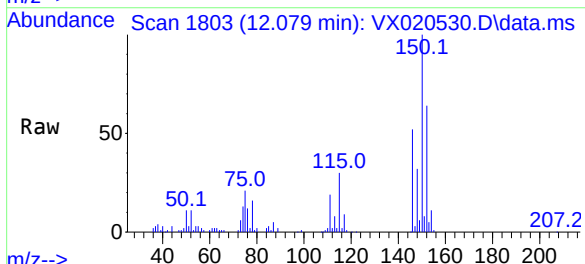
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

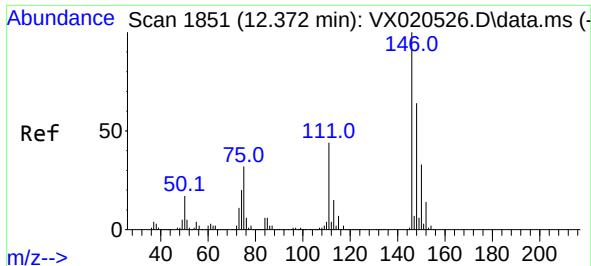
Tgt Ion:	146	Resp:	11632
Ion	Ratio	Lower	Upper
146	100		
111	42.3	28.9	53.7
148	64.7	47.7	88.7



#65
1,4-Dichlorobenzene
Concen: 2.35 ug/L
RT: 12.079 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion:	146	Resp:	12370
Ion	Ratio	Lower	Upper
146	100		
111	37.2	28.7	53.3
148	62.7	45.8	85.2

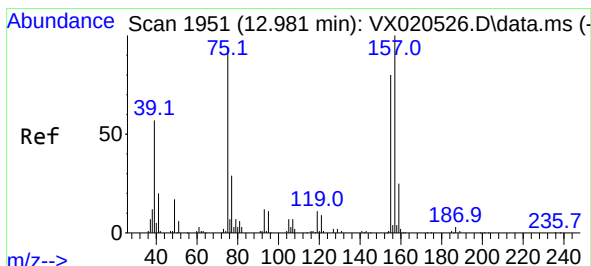
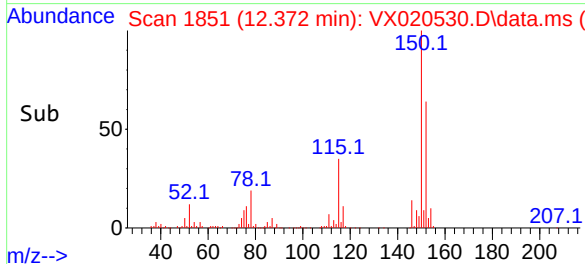
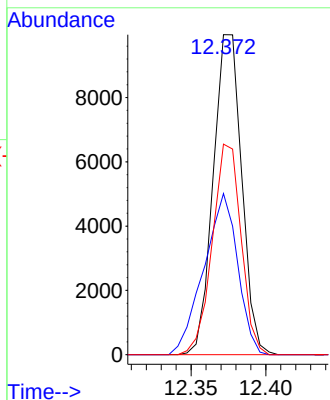
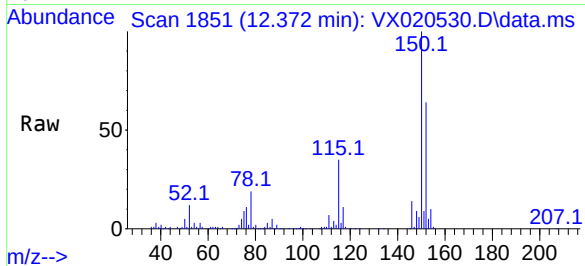




#67
1,2-Dichlorobenzene
Concen: 2.54 ug/L
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

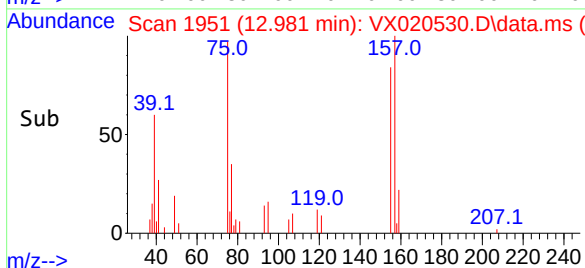
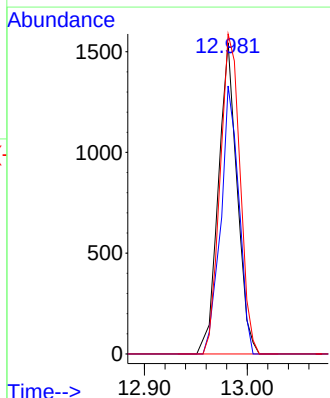
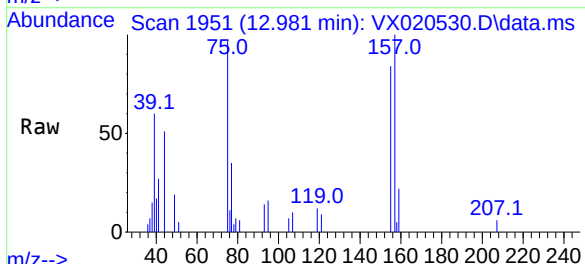
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

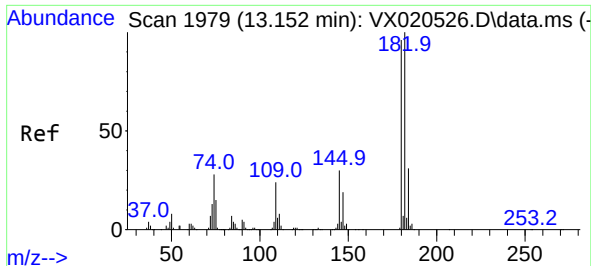
Tgt Ion:	146	Resp:	13190
Ion Ratio	Lower	Upper	
146	100		
111	50.4	33.8	50.8
148	65.8	51.4	77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 2.23 ug/L
RT: 12.981 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion:	75	Resp:	1949
Ion Ratio	Lower	Upper	
75	100		
155	86.1	65.3	97.9
157	102.8	80.5	120.7

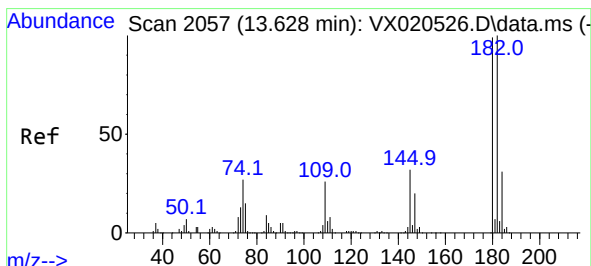
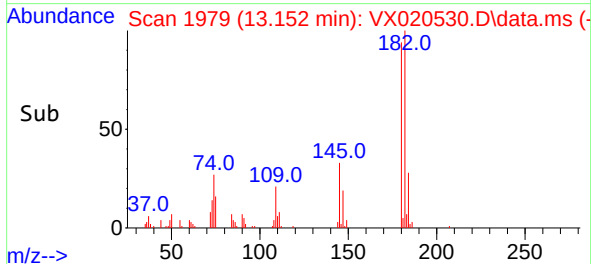
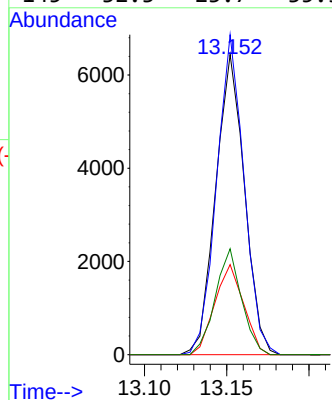
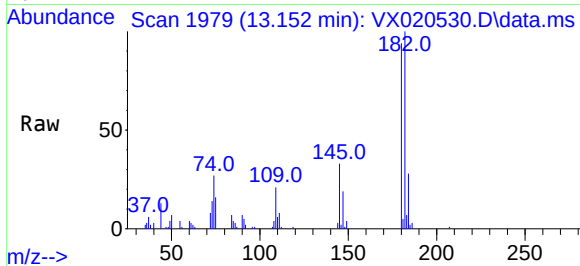




#69
1,3,5-Trichlorobenzene
Concen: 2.19 ug/L
RT: 13.152 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

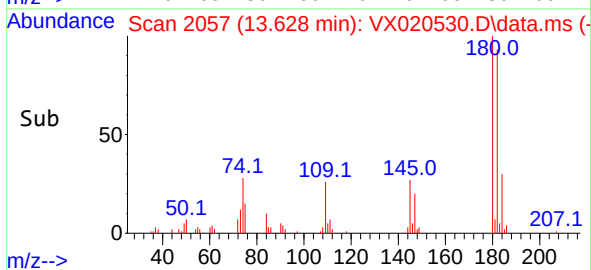
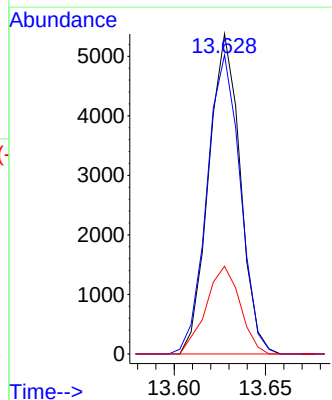
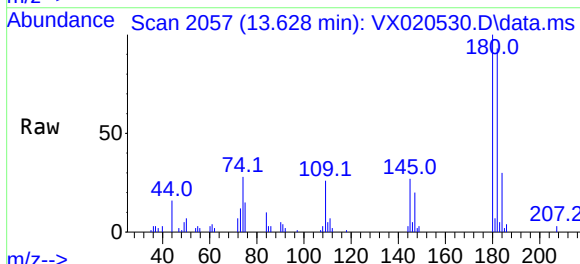
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

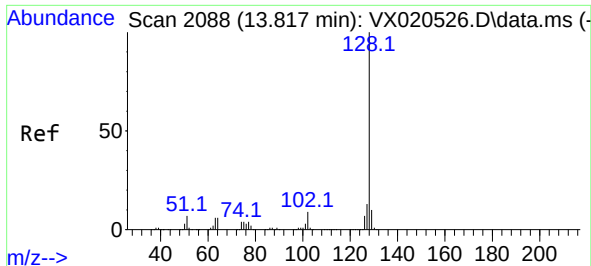
Tgt Ion:	180	Resp:	7831
Ion	Ratio	Lower	Upper
180	100		
182	101.5	74.8	112.2
184	30.3	24.1	36.1
145	32.3	23.7	35.5



#70
1,2,4-trichlorobenzene
Concen: 2.10 ug/L
RT: 13.628 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion:	180	Resp:	6467
Ion	Ratio	Lower	Upper
180	100		
182	98.5	74.3	111.5
145	29.6	24.1	36.1

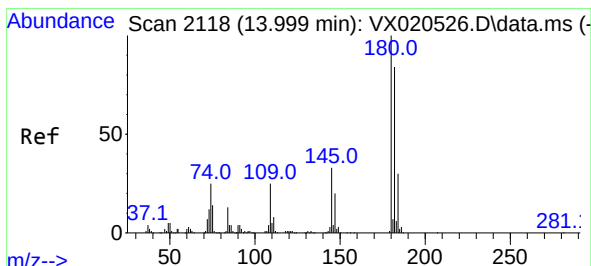
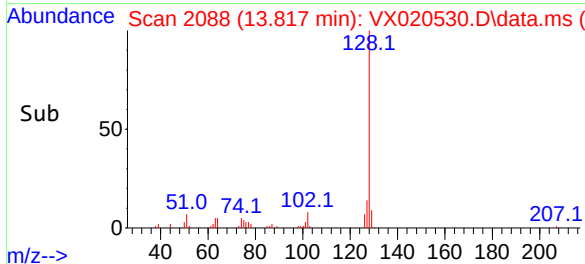
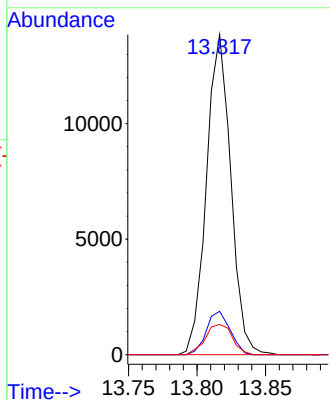
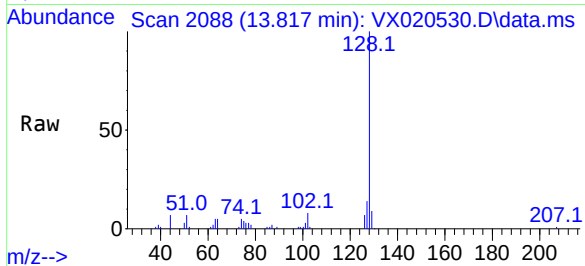




#71
Naphthalene
Concen: 1.68 ug/L
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

Tgt Ion:	128	Resp:	17130
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	10.5	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 2.12 ug/L
RT: 13.999 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion:	180	Resp:	6711
Ion	Ratio	Lower	Upper
180	100		
182	92.1	74.6	112.0
145	30.6	25.6	38.4

