

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030321\
 Data File : VX020964.D
 Acq On : 02 Mar 2021 11:55
 Operator : JC/MD
 Sample : M1344-06
 Misc : 5.0g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT2-2021-04

Quant Time: Mar 03 01:06:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 03 01:05:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.823	114	313467	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	288086	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	120601	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.393	65	89908	42.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.38%		
7) Chloroethane-d5	1.693	69	83678	47.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.62%		
11) 1,1-Dichloroethene-d2	2.346	63	137383	34.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.04%		
21) 2-Butanone-d5	4.523	46	135979	105.79	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.79%		
24) Chloroform-d	5.135	84	200331	50.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.56%		
26) 1,2-Dichloroethane-d4	6.029	65	129227	50.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.52%		
32) Benzene-d6	6.047	84	408249	47.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.80%		
36) 1,2-Dichloropropane-d6	7.365	67	129567	49.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.60%		
41) Toluene-d8	8.694	98	364691	47.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.34%		
43) trans-1,3-Dichloroprop...	8.994	79	63913	46.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.38%		
47) 2-Hexanone-d5	9.424	63	102766	96.39	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.39%		
56) 1,1,2,2-Tetrachloroeth...	11.230	84	155051	47.53	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.06%		
66) 1,2-Dichlorobenzene-d4	12.359	152	123468	53.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.96%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	4973	2.11	ug/L	99
3) Chloromethane	1.311	50	4822	2.28	ug/L	97
5) Vinyl chloride	1.393	62	5642	2.26	ug/L #	70
6) Bromomethane	1.634	94	2945	2.49	ug/L	91
8) Chloroethane	1.717	64	3417	2.19	ug/L	94
9) Trichlorofluoromethane	1.917	101	7114	2.18	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.364	101	5826	2.70	ug/L #	78
12) 1,1-Dichloroethene	2.352	96	5336	2.54	ug/L #	1
13) Acetone	2.417	43	5575	5.10	ug/L	97
14) Carbon disulfide	2.552	76	12963	2.13	ug/L	100
15) Methyl Acetate	2.746	43	4333	2.10	ug/L	99
16) Methylene chloride	2.835	84	5644	2.41	ug/L	95
17) trans-1,2-Dichloroethene	3.140	96	4817	2.14	ug/L	97
18) Methyl tert-butyl Ether	3.164	73	14820	2.01	ug/L	98
19) 1,1-Dichloroethane	3.670	63	8309	2.11	ug/L	97
20) cis-1,2-Dichloroethene	4.558	96	5379	2.14	ug/L	85
22) 2-Butanone	4.629	43	7117	4.59	ug/L	94
23) Bromochloromethane	4.976	128	2624	2.11	ug/L	86
25) Chloroform	5.170	83	10722	2.55	ug/L	98

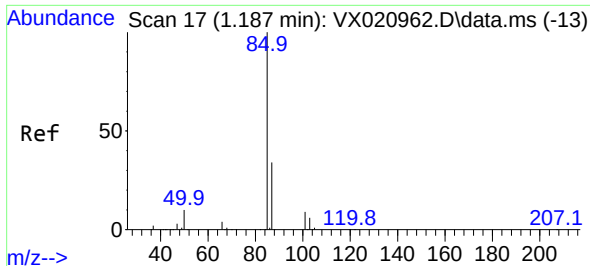
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030321\
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Quant Time: Mar 03 01:06:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 03 01:05:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.041	62	2281	0.74	ug/L	98
29) Cyclohexane	5.547	56	7191	1.97	ug/L	96
30) 1,1,1-Trichloroethane	5.453	97	7470	2.02	ug/L	99
31) Carbon tetrachloride	5.753	117	6167	2.01	ug/L	99
33) Benzene	6.111	78	19111	2.03	ug/L	100
34) Trichloroethene	7.188	95	5073	2.02	ug/L	95
35) Methylcyclohexane	7.441	83	7783	2.03	ug/L	96
37) 1,2-Dichloropropane	7.488	63	4818	2.04	ug/L	97
38) Bromodichloromethane	7.870	83	6767	2.07	ug/L	98
39) cis-1,3-Dichloropropene	8.412	75	7699	1.99	ug/L	99
40) 4-Methyl-2-pentanone	8.618	43	10895	3.77	ug/L	99
42) Toluene	8.765	91	19434	1.98	ug/L	96
44) trans-1,3-Dichloropropene	9.018	75	7083	1.92	ug/L	99
45) 1,1,2-Trichloroethane	9.194	97	4890	2.08	ug/L	98
46) Tetrachloroethene	9.312	164	3616	2.02	ug/L	93
48) 2-Hexanone	9.471	43	10784	4.90	ug/L	92
49) Dibromochloromethane	9.565	129	4738	1.91	ug/L	90
50) 1,2-Dibromoethane	9.653	107	4846	1.99	ug/L	96
51) Chlorobenzene	10.118	112	12909	2.08	ug/L	95
52) Ethylbenzene	10.236	91	21276	1.97	ug/L	99
53) m,p-Xylene	10.341	106	7657	1.88	ug/L	94
54) o-Xylene	10.683	106	7527	1.90	ug/L	92
55) Styrene	10.694	104	12406	1.80	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.247	83	6913	2.06	ug/L #	97
59) Bromoform	10.836	173	3037	2.00	ug/L	96
60) Isopropylbenzene	11.000	105	19583	2.12	ug/L	100
61) 1,2,3-Trichloropropane	11.277	75	5472	2.26	ug/L	97
62) 1,3,5-Trimethylbenzene	11.489	105	15871	2.10	ug/L	100
63) 1,2,4-Trimethylbenzene	11.789	105	15518	2.04	ug/L	100
64) 1,3-Dichlorobenzene	12.006	146	8516	2.15	ug/L	89
65) 1,4-Dichlorobenzene	12.083	146	8977	2.27	ug/L	93
67) 1,2-Dichlorobenzene	12.377	146	8531	2.18	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.983	75	1312	1.97	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.154	180	5628	2.09	ug/L	99
70) 1,2,4-trichlorobenzene	13.630	180	4584	1.93	ug/L	89
71) Naphthalene	13.818	128	14796	1.71	ug/L	99
72) 1,2,3-Trichlorobenzene	14.001	180	4852	2.00	ug/L	96

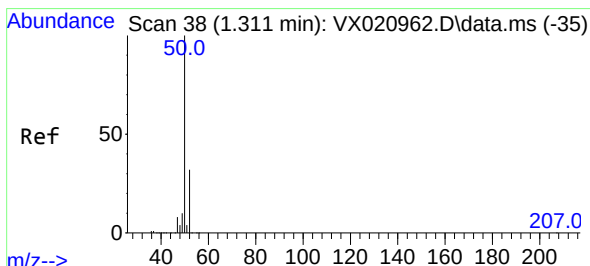
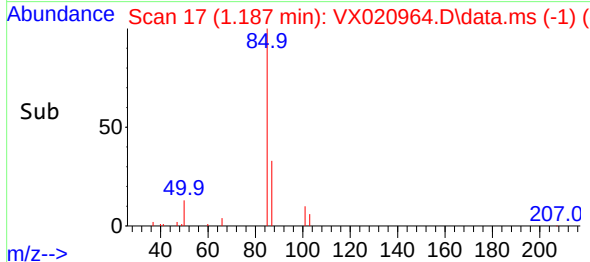
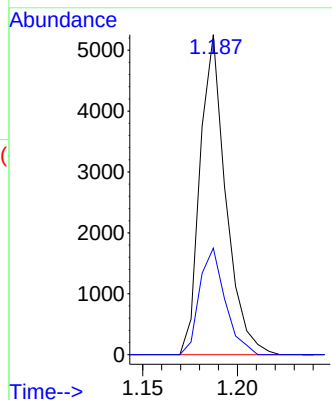
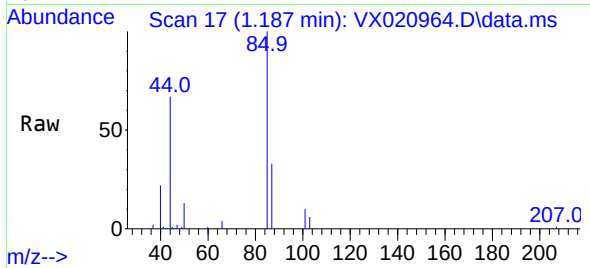
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 2.11 ug/L
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

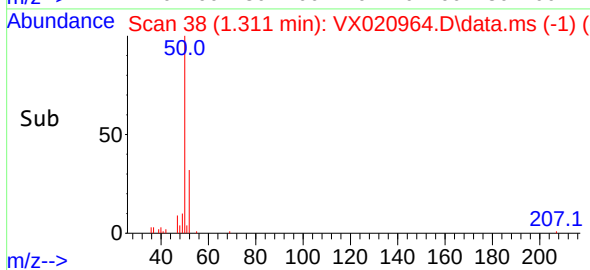
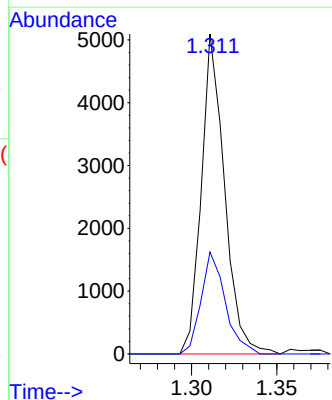
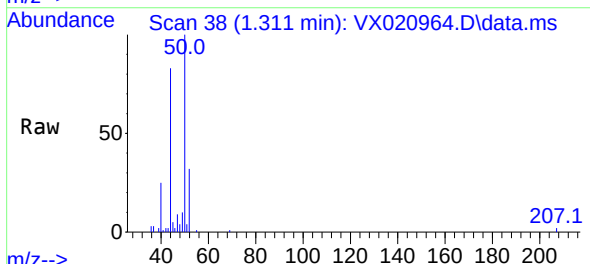
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

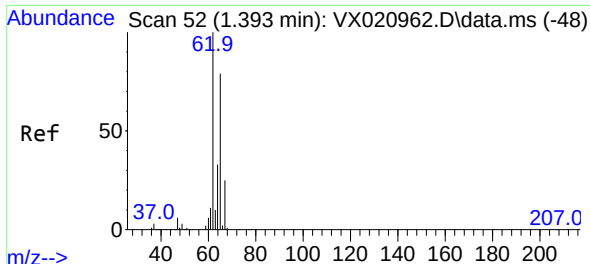
Tgt Ion: 85 Resp: 4973
Ion Ratio Lower Upper
85 100
87 33.2 25.9 38.9



#3
Chloromethane
Concen: 2.28 ug/L
RT: 1.311 min Scan# 38
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

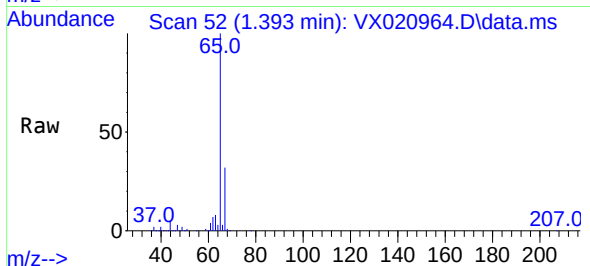
Tgt Ion: 50 Resp: 4822
Ion Ratio Lower Upper
50 100
52 31.9 23.7 43.9



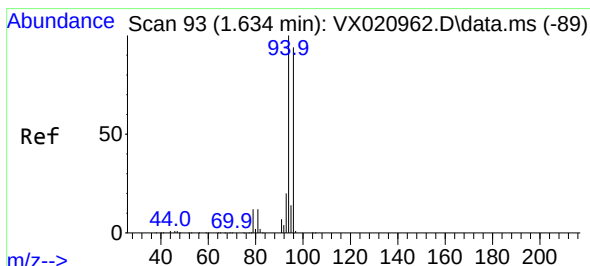
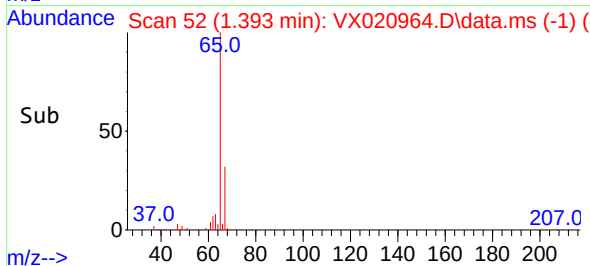
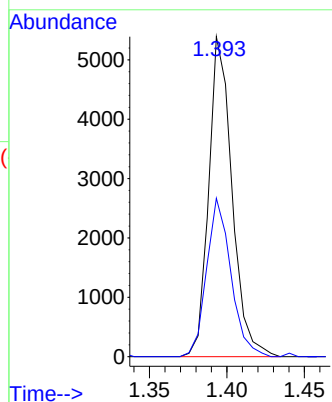


#5
 Vinyl chloride
 Concen: 2.26 ug/L
 RT: 1.393 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VX020964.D
 Acq: 02 Mar 2021 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT2-2021-04

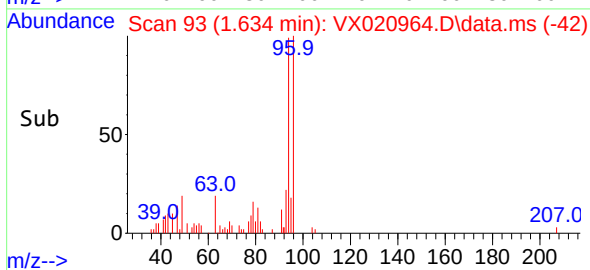
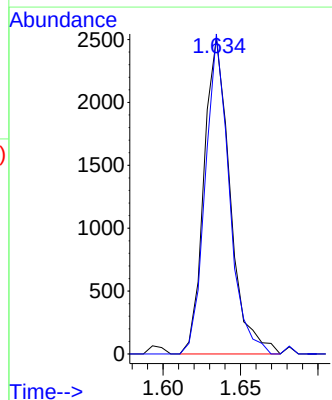
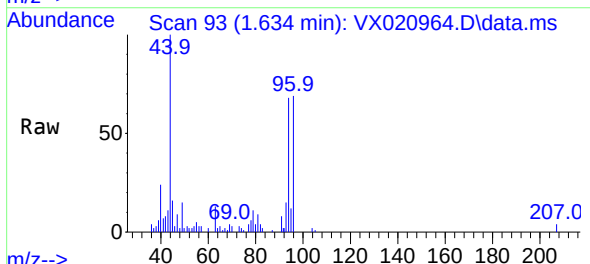


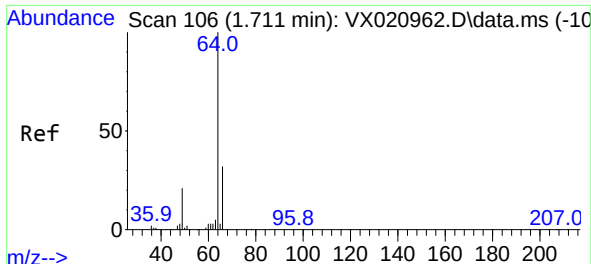
Tgt Ion: 62 Resp: 5642
 Ion Ratio Lower Upper
 62 100
 64 49.5 22.7 42.3#



#6
 Bromomethane
 Concen: 2.49 ug/L
 RT: 1.634 min Scan# 93
 Delta R.T. 0.000 min
 Lab File: VX020964.D
 Acq: 02 Mar 2021 11:55

Tgt Ion: 94 Resp: 2945
 Ion Ratio Lower Upper
 94 100
 96 101.4 64.8 120.3

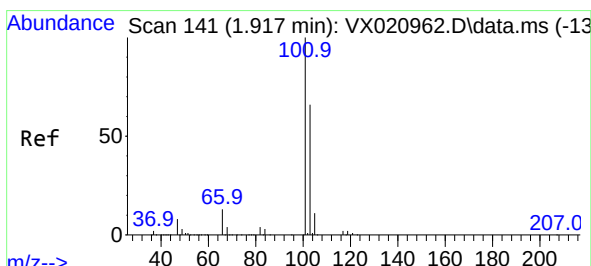
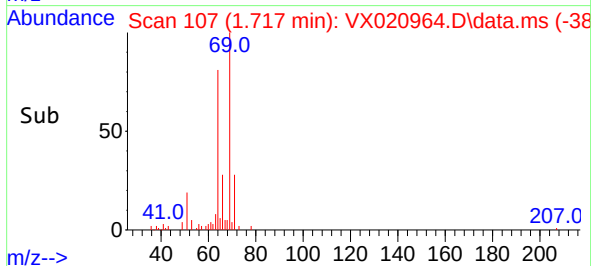
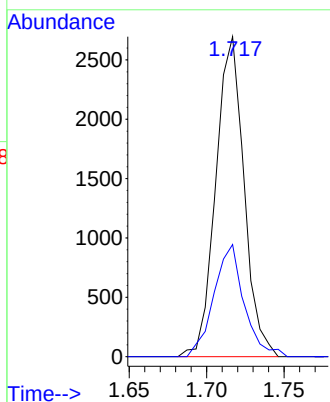
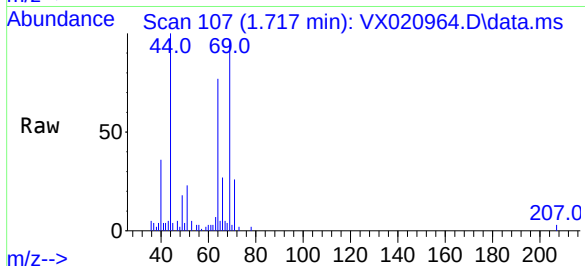




#8
Chloroethane
Concen: 2.19 ug/L
RT: 1.717 min Scan# 107
Delta R.T. 0.006 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

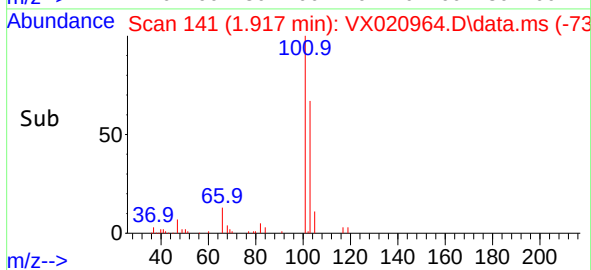
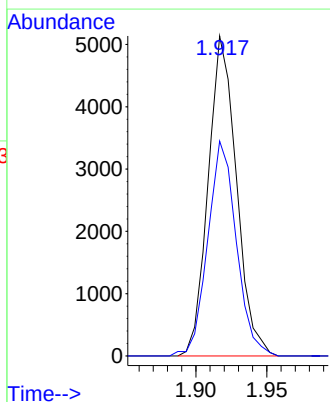
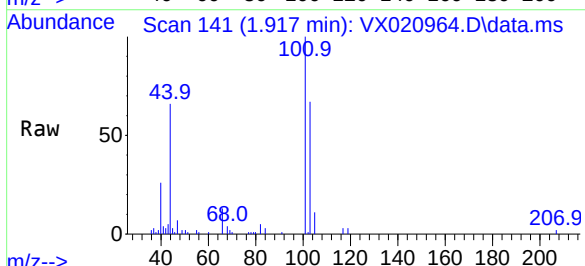
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

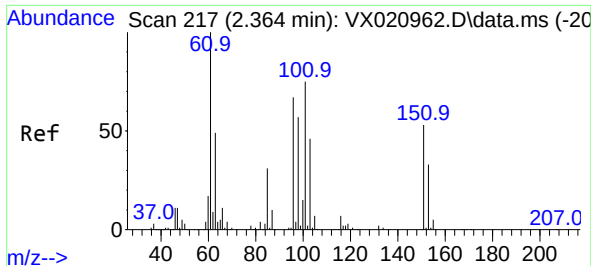
Tgt Ion: 64 Resp: 3417
Ion Ratio Lower Upper
64 100
66 35.1 22.0 41.0



#9
Trichlorofluoromethane
Concen: 2.18 ug/L
RT: 1.917 min Scan# 141
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Tgt Ion: 101 Resp: 7114
Ion Ratio Lower Upper
101 100
103 68.0 52.2 78.2





#10

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

Concen: 2.70 ug/L

RT: 2.364 min Scan# 217

Delta R.T. 0.000 min

Lab File: VX020964.D

Acq: 02 Mar 2021 11:55

Instrument :

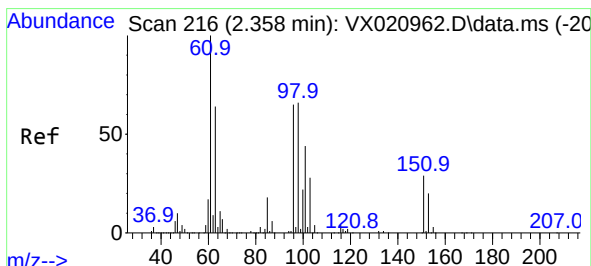
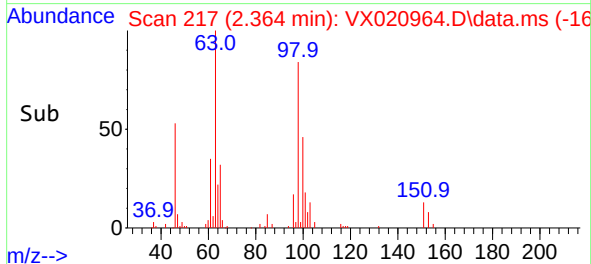
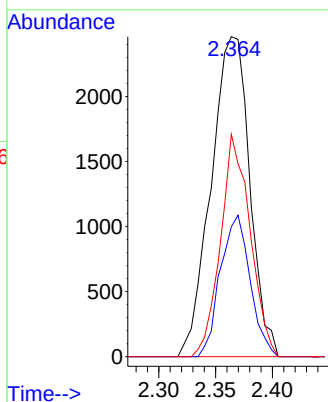
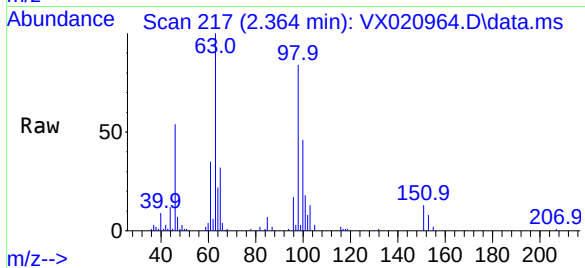
MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT2-2021-04

Tgt Ion:101 Resp: 5826

Ion	Ratio	Lower	Upper
101	100		
85	34.0	34.3	51.5#
151	53.2	60.7	91.1#



#12

1,1-Dichloroethene

Concen: 2.54 ug/L

RT: 2.352 min Scan# 215

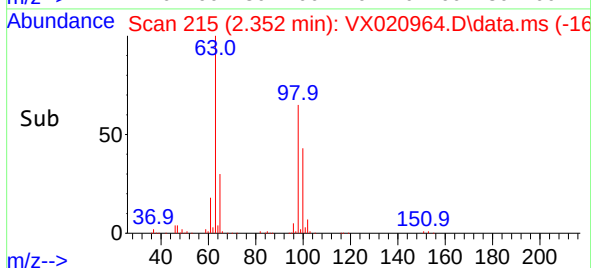
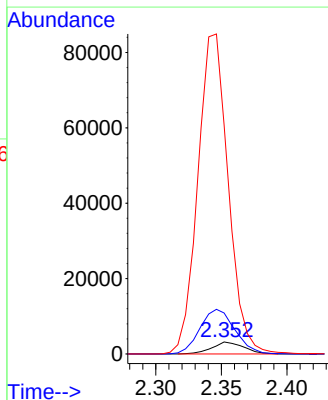
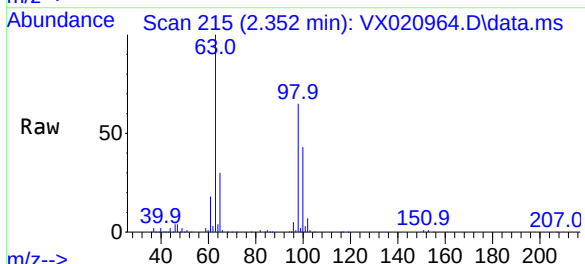
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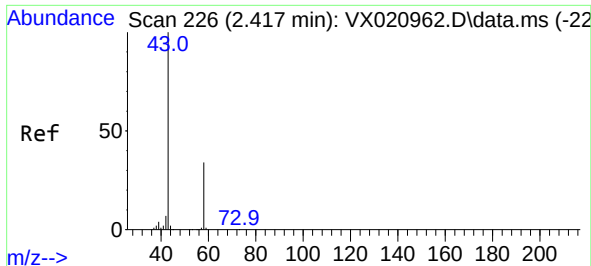
Lab File: VX020964.D

Acq: 02 Mar 2021 11:55

Tgt Ion: 96 Resp: 5336

Ion	Ratio	Lower	Upper
96	100		
61	342.6	115.5	214.5#
63	1915.7	77.3	143.7#

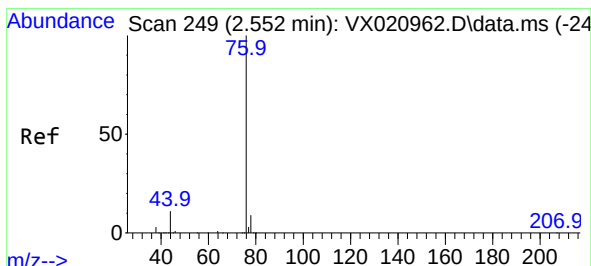
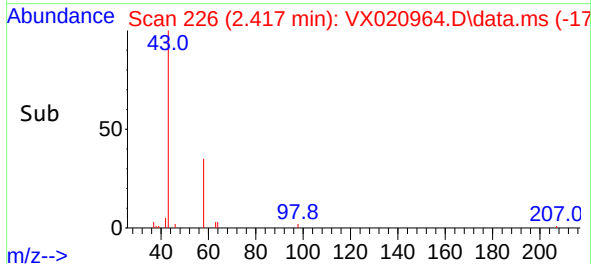
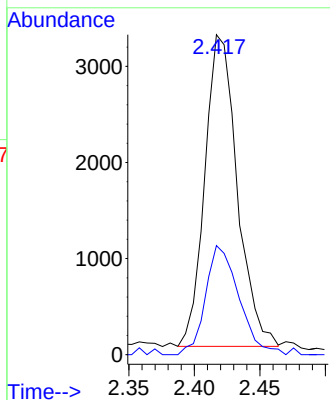
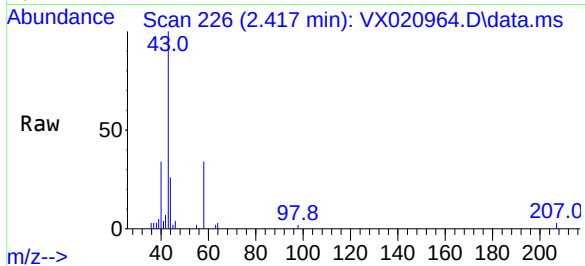




#13
Acetone
Concen: 5.10 ug/L
RT: 2.417 min Scan# 226
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

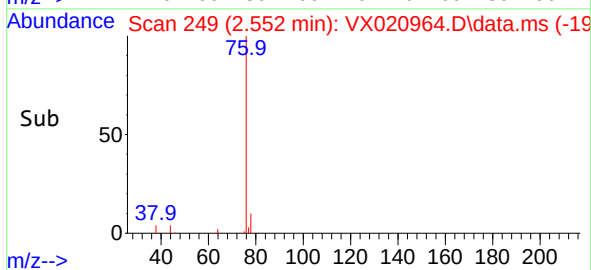
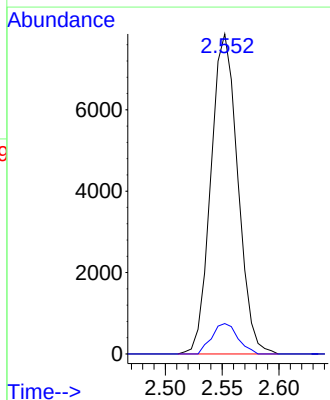
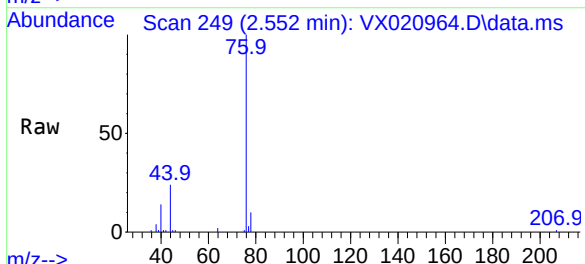
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

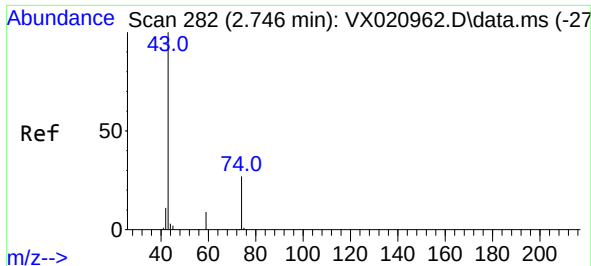
Tgt Ion: 43 Resp: 5575
Ion Ratio Lower Upper
43 100
58 36.0 0.0 68.2



#14
Carbon disulfide
Concen: 2.13 ug/L
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Tgt Ion: 76 Resp: 12963
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4





#15

Methyl Acetate

Concen: 2.10 ug/L

RT: 2.746 min Scan# 282

Delta R.T. 0.000 min

Lab File: VX020964.D

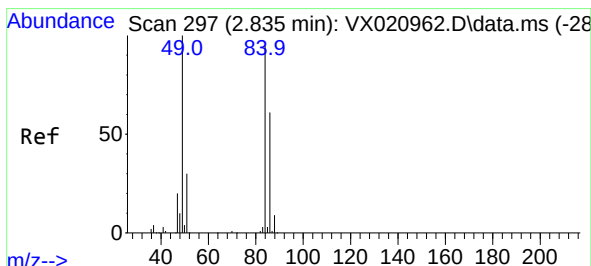
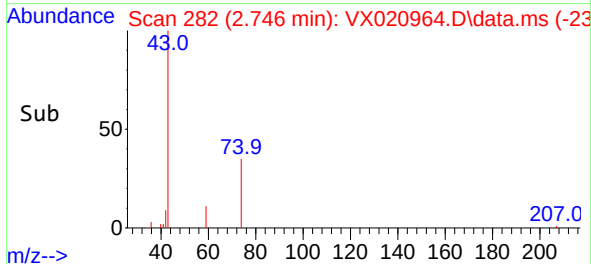
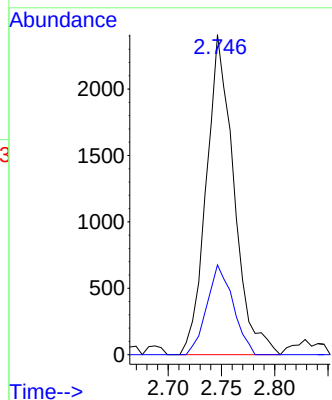
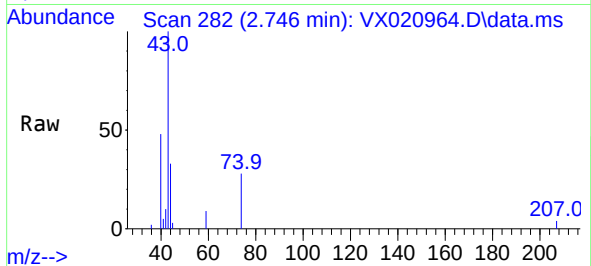
Acq: 02 Mar 2021 11:55

Tgt Ion: 43 Resp: 4333

Ion Ratio Lower Upper

43 100

74 26.7 21.7 32.5



#16

Methylene chloride

Concen: 2.41 ug/L

RT: 2.835 min Scan# 297

Delta R.T. 0.000 min

Lab File: VX020964.D

Acq: 02 Mar 2021 11:55

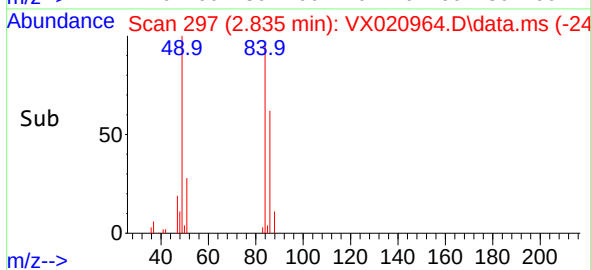
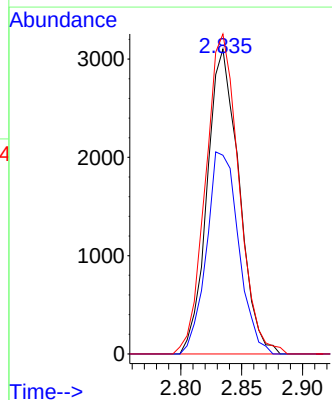
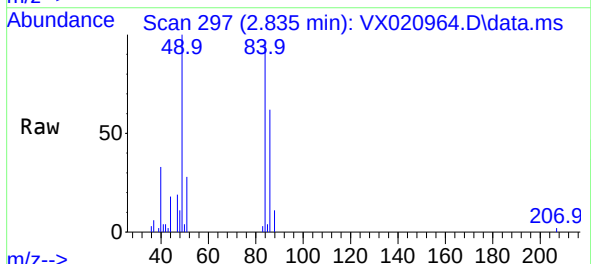
Tgt Ion: 84 Resp: 5644

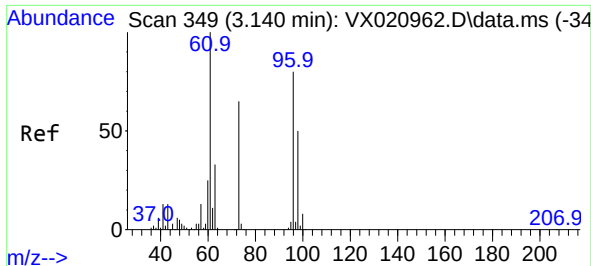
Ion Ratio Lower Upper

84 100

86 65.2 44.2 82.0

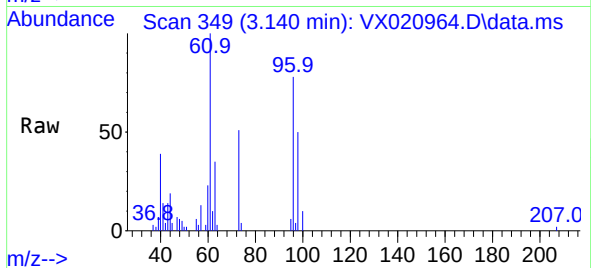
49 105.0 77.8 144.6





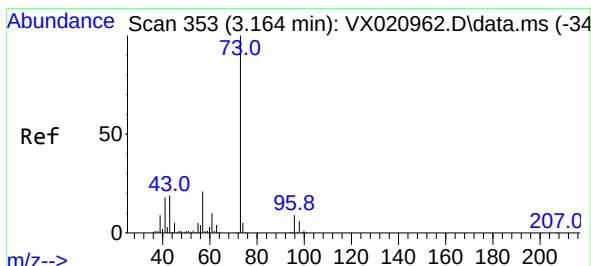
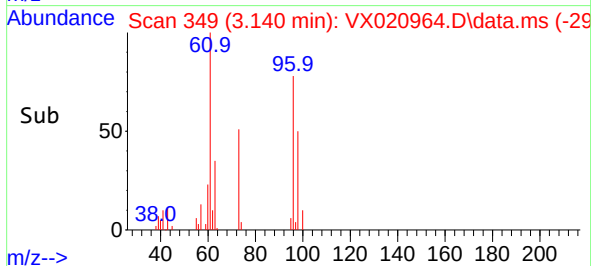
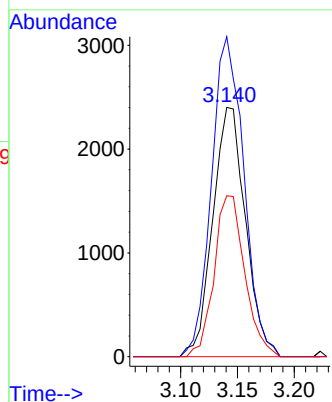
#17
trans-1,2-Dichloroethene
Concen: 2.14 ug/L
RT: 3.140 min Scan# 349
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04



Tgt Ion: 96 Resp: 4817

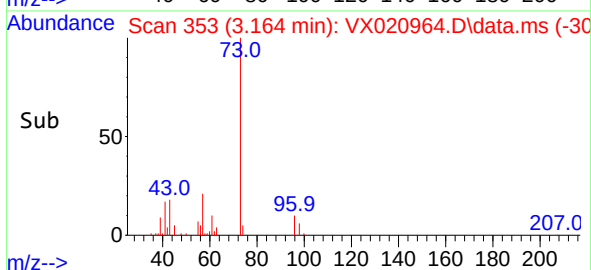
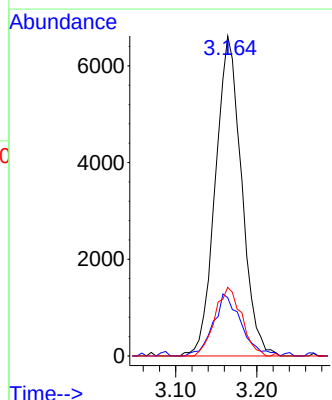
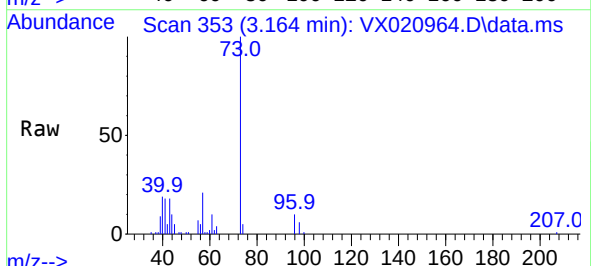
Ion	Ratio	Lower	Upper
96	100		
61	128.4	92.3	171.3
98	64.6	46.3	85.9

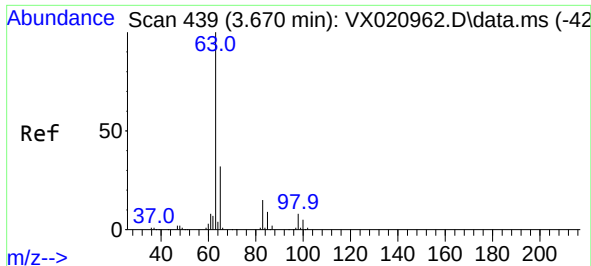


#18
Methyl tert-butyl Ether
Concen: 2.01 ug/L
RT: 3.164 min Scan# 353
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Tgt Ion: 73 Resp: 14820

Ion	Ratio	Lower	Upper
73	100		
43	20.6	15.1	22.7
57	21.9	17.4	26.2





#19

1,1-Dichloroethane

Concen: 2.11 ug/L

RT: 3.670 min Scan# 439

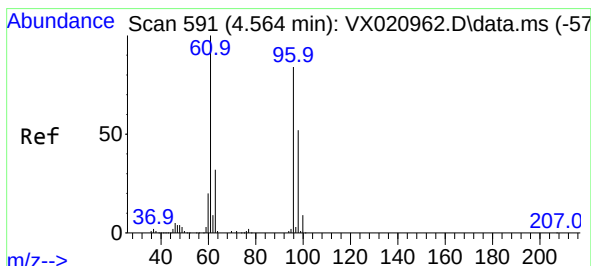
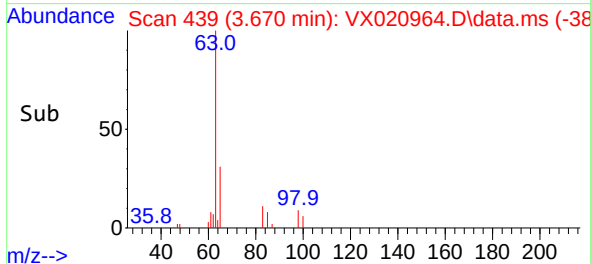
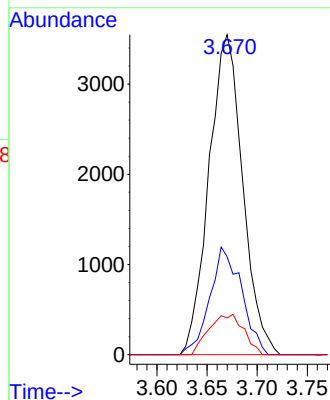
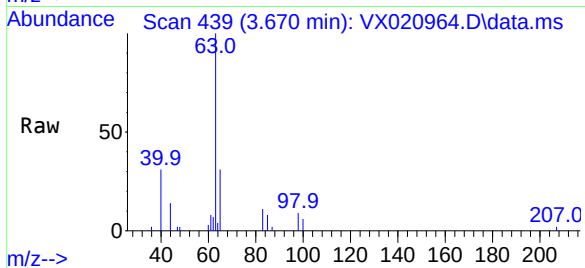
Delta R.T. 0.000 min

Lab File: VX020964.D

Acq: 02 Mar 2021 11:55

Tgt Ion: 63 Resp: 8309

Ion	Ratio	Lower	Upper
63	100		
65	30.7	22.4	41.6
83	11.4	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 2.14 ug/L

RT: 4.558 min Scan# 590

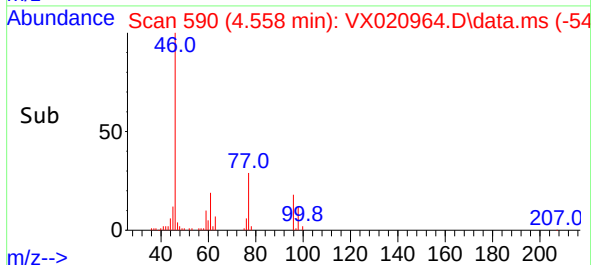
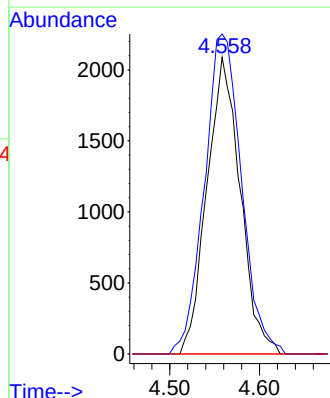
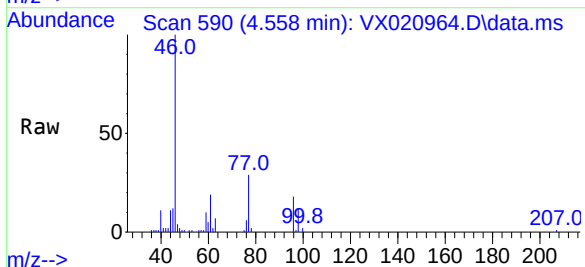
Delta R.T. -0.006 min

Lab File: VX020964.D

Acq: 02 Mar 2021 11:55

Tgt Ion: 96 Resp: 5379

Ion	Ratio	Lower	Upper
96	100		
61	107.9	87.8	163.0
68	0.0	0.0	0.0

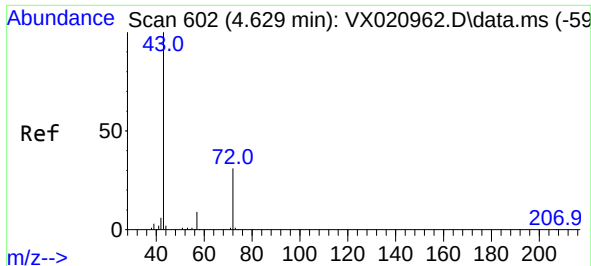


Instrument :

MSVOA_X

ClientSampleId :

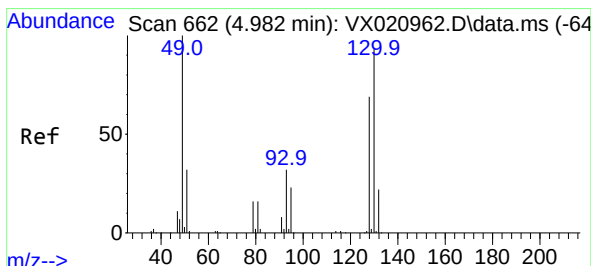
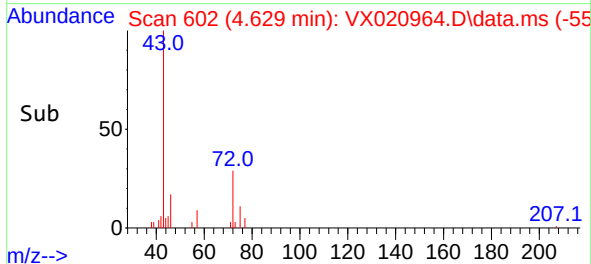
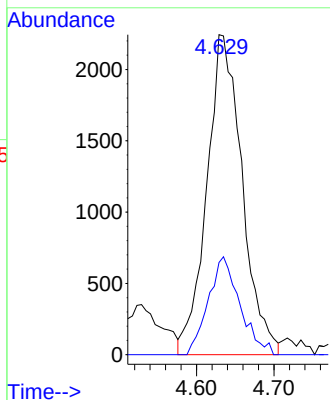
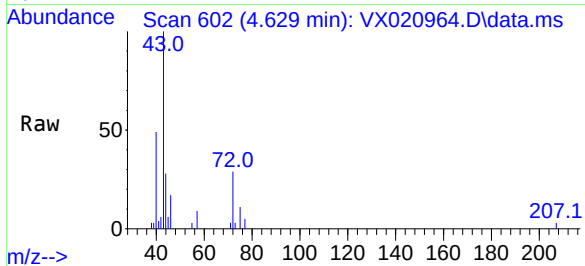
MDL-MED-SOIL-QT2-2021-04



#22
2-Butanone
Concen: 4.59 ug/L
RT: 4.629 min Scan# 602
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

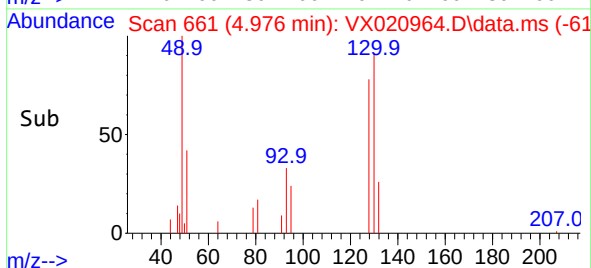
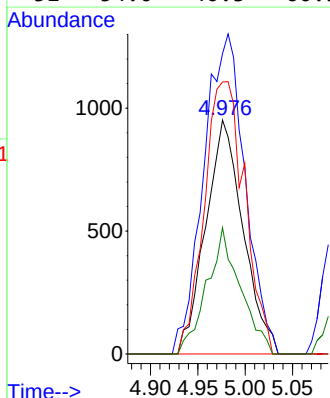
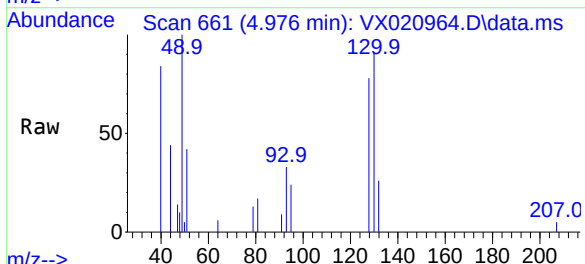
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

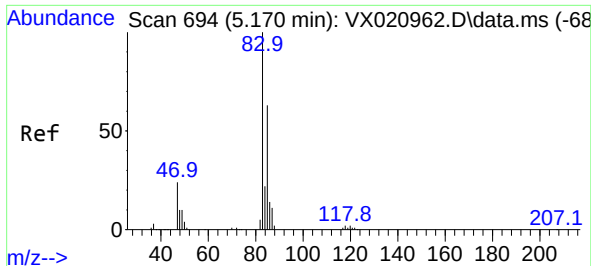
Tgt Ion: 43 Resp: 7117
Ion Ratio Lower Upper
43 100
72 27.0 15.3 45.8



#23
Bromochloromethane
Concen: 2.11 ug/L
RT: 4.976 min Scan# 661
Delta R.T. -0.006 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Tgt Ion:128 Resp: 2624
Ion Ratio Lower Upper
128 100
49 128.4 107.5 199.7
130 116.3 91.1 169.3
51 54.0 40.3 60.5

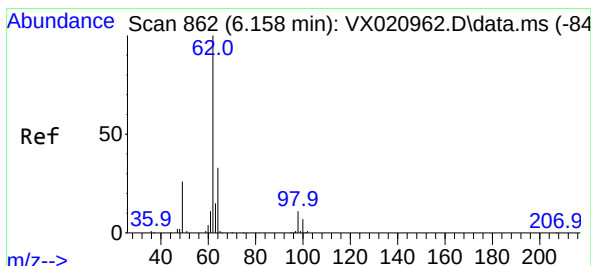
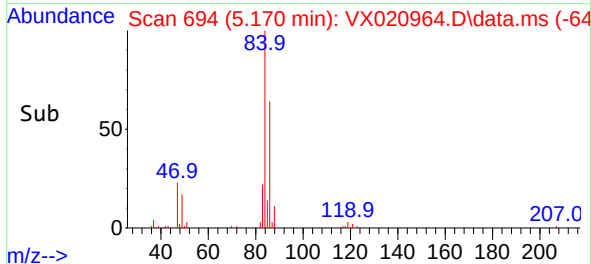
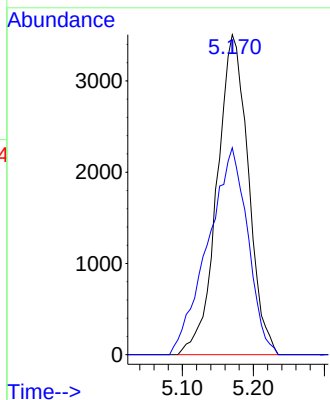
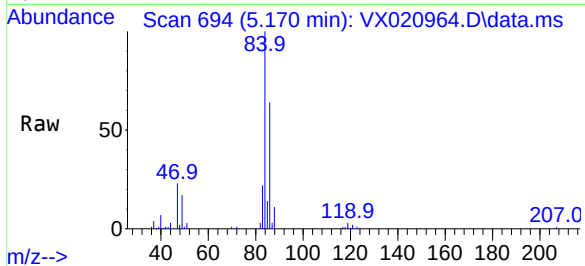




#25
Chloroform
Concen: 2.55 ug/L
RT: 5.170 min Scan# 694
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

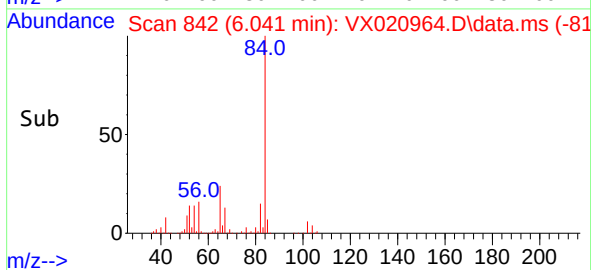
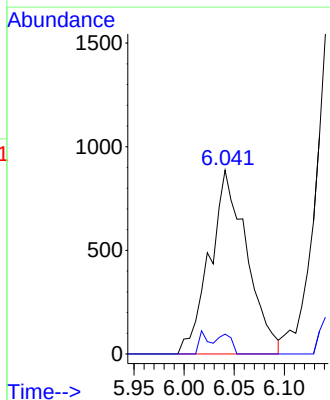
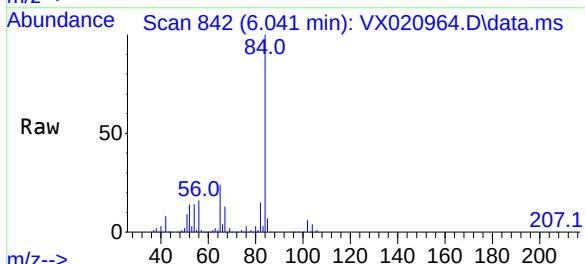
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

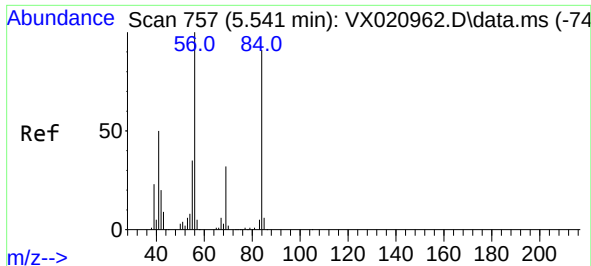
Tgt Ion: 83 Resp: 10722
Ion Ratio Lower Upper
83 100
85 64.6 46.3 85.9



#27
1,2-Dichloroethane
Concen: 0.74 ug/L
RT: 6.041 min Scan# 842
Delta R.T. -0.118 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Tgt Ion: 62 Resp: 2281
Ion Ratio Lower Upper
62 100
98 10.8 7.9 11.9





#29

Cyclohexane

Concen: 1.97 ug/L

RT: 5.547 min Scan# 758

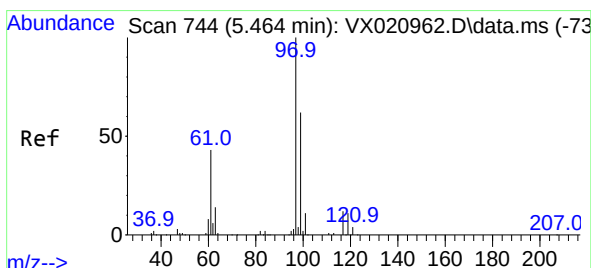
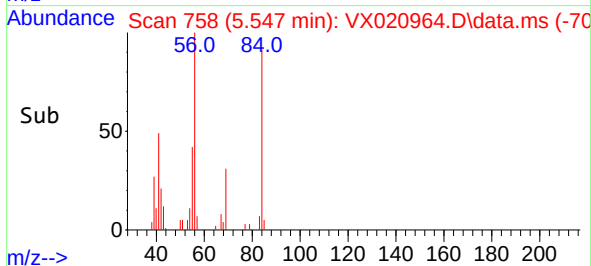
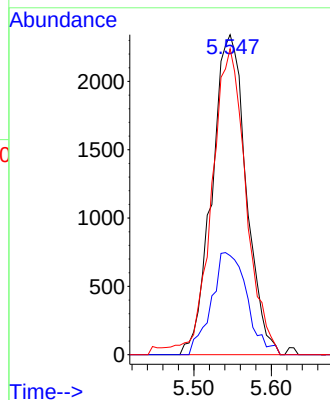
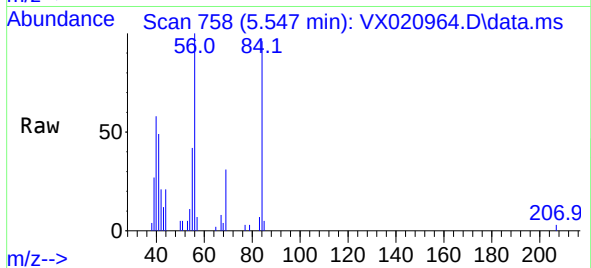
Delta R.T. 0.006 min

Lab File: VX020964.D

Acq: 02 Mar 2021 11:55

Tgt Ion:	56	Resp:	7191
Ion	Ratio	Lower	Upper
56	100		
69	32.5	25.7	38.5
84	95.4	72.4	108.6

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04



#30

1,1,1-Trichloroethane

Concen: 2.02 ug/L

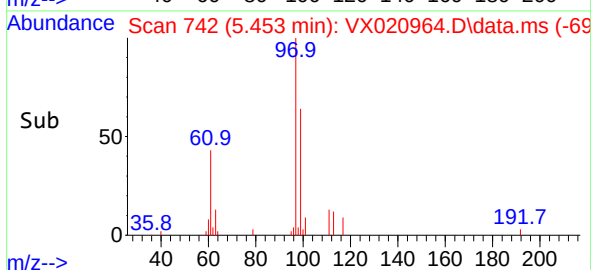
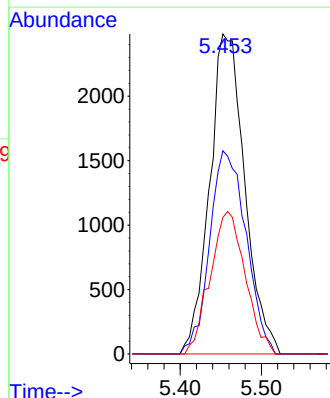
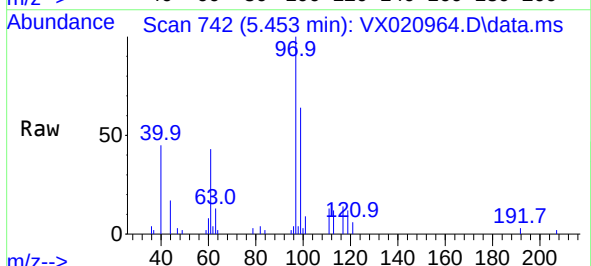
RT: 5.453 min Scan# 742

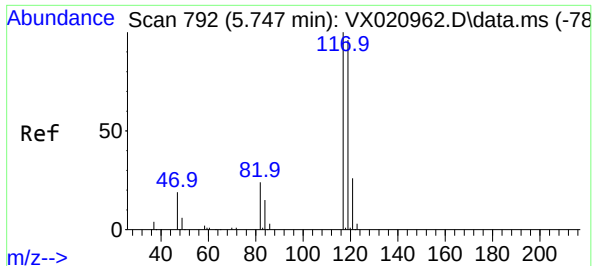
Delta R.T. -0.012 min

Lab File: VX020964.D

Acq: 02 Mar 2021 11:55

Tgt Ion:	97	Resp:	7470
Ion	Ratio	Lower	Upper
97	100		
99	65.7	52.1	78.1
61	44.6	35.3	52.9

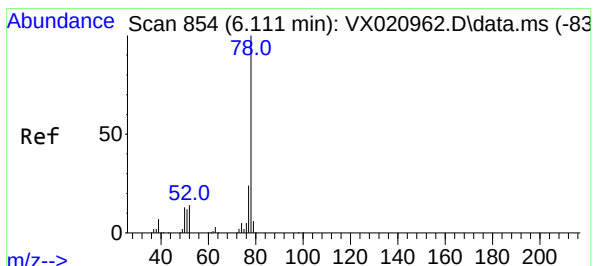
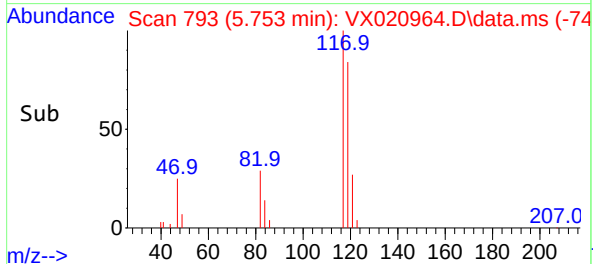
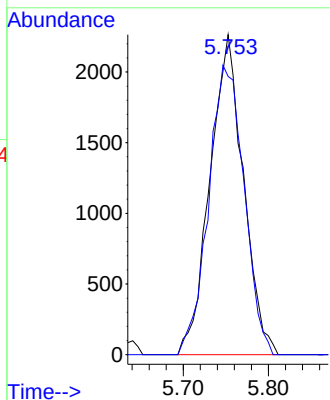
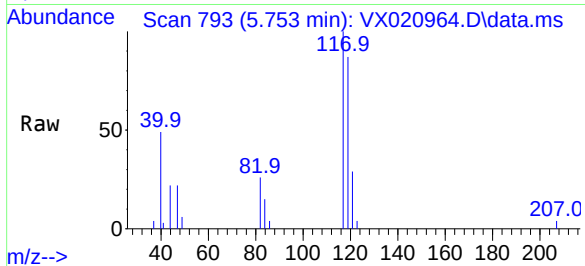




#31
Carbon tetrachloride
Concen: 2.01 ug/L
RT: 5.753 min Scan# 793
Delta R.T. 0.006 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

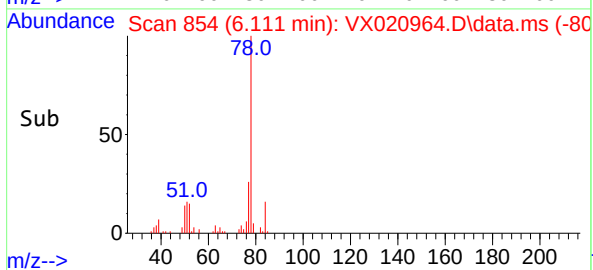
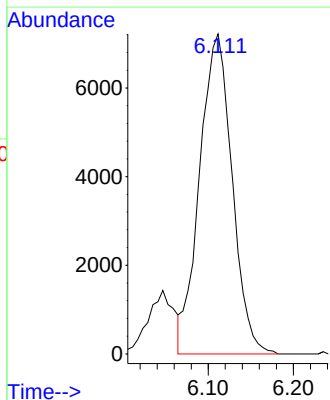
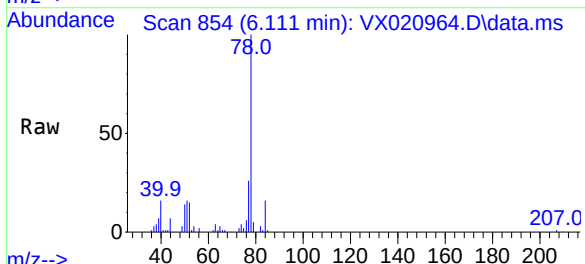
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

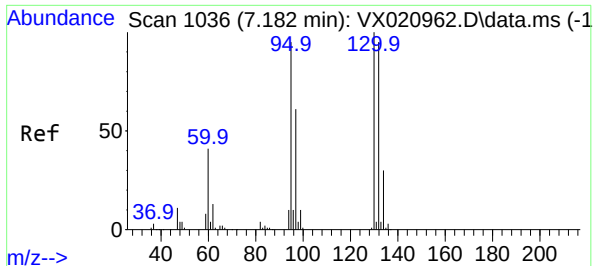
Tgt Ion:117 Resp: 6167
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3



#33
Benzene
Concen: 2.03 ug/L
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Tgt Ion: 78 Resp: 19111



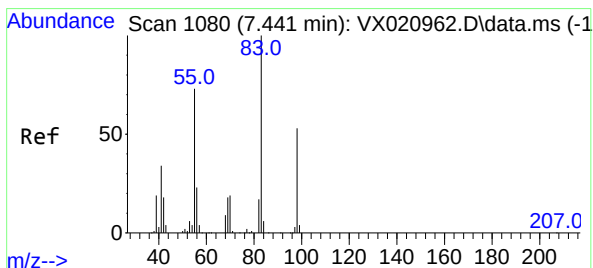
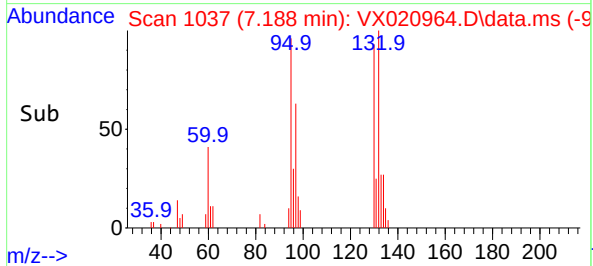
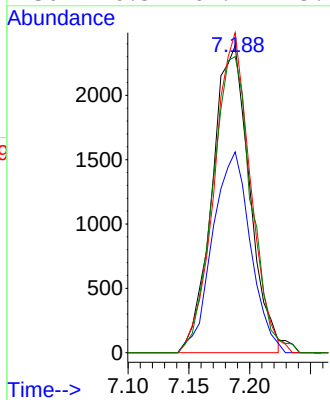
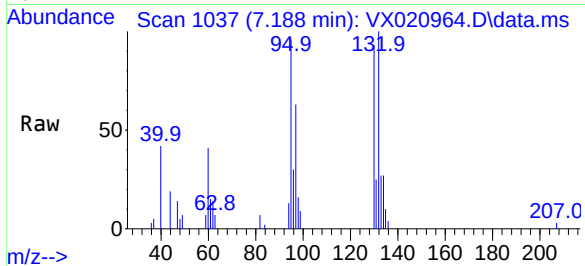


#34
Trichloroethene
Concen: 2.02 ug/L
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

Tgt Ion: 95 Resp: 5073

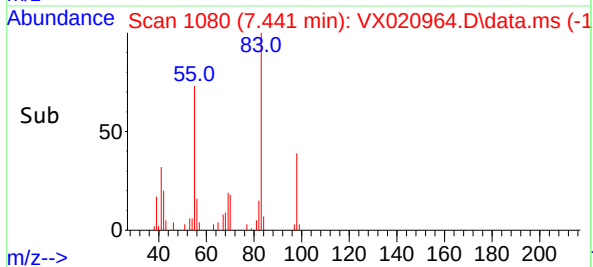
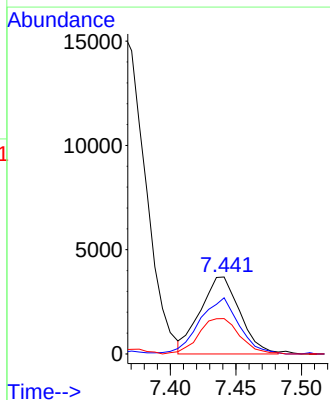
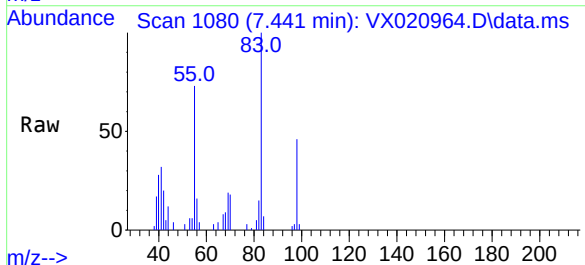
Ion	Ratio	Lower	Upper
95	100		
97	65.5	44.5	82.7
132	104.3	65.2	121.0
130	96.5	67.7	125.7

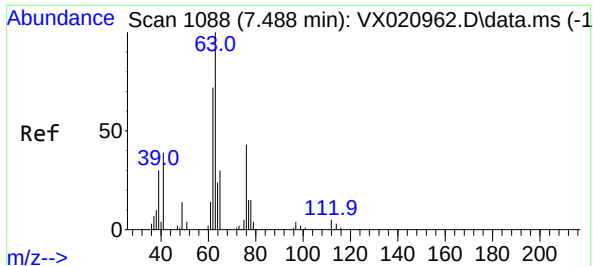


#35
Methylcyclohexane
Concen: 2.03 ug/L
RT: 7.441 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Tgt Ion: 83 Resp: 7783

Ion	Ratio	Lower	Upper
83	100		
55	72.4	61.2	91.8
98	47.3	38.7	58.1

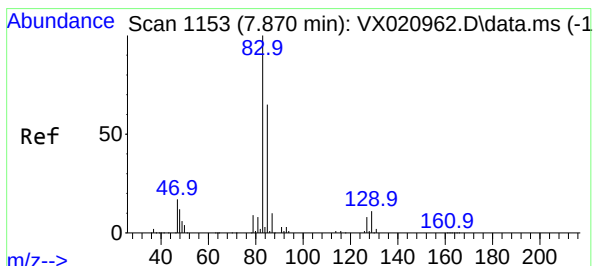
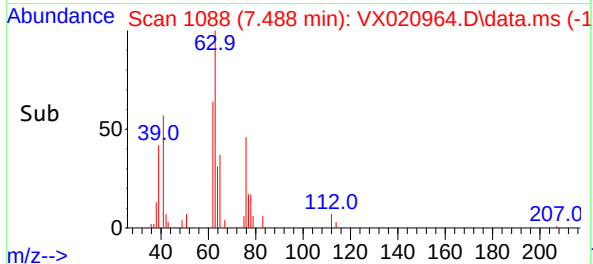
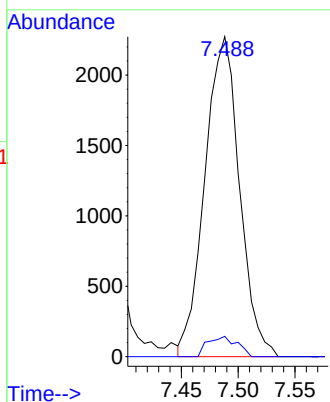
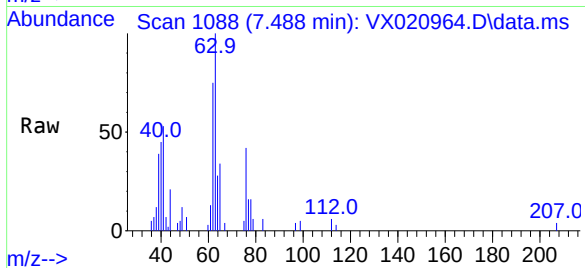




#37
1,2-Dichloropropane
Concen: 2.04 ug/L
RT: 7.488 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

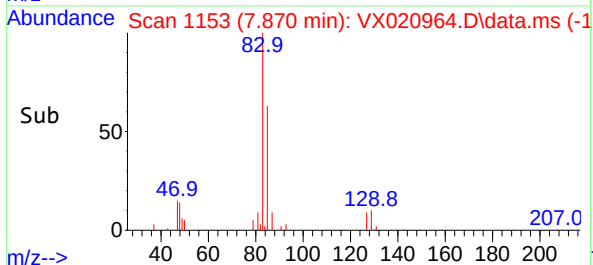
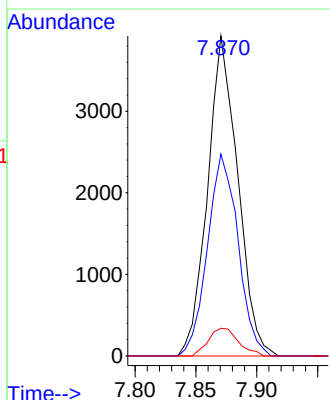
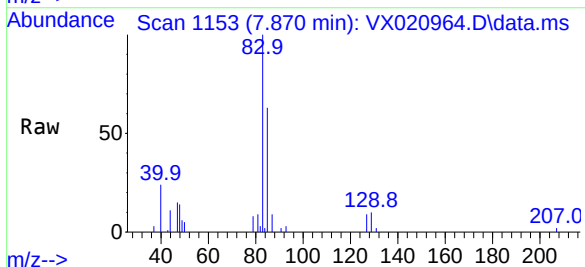
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

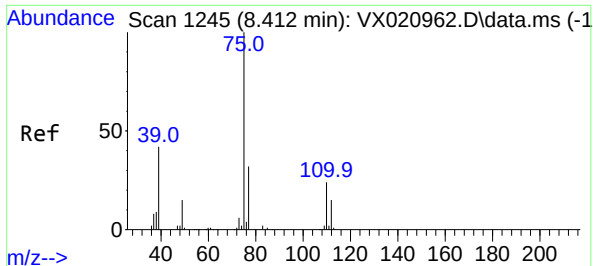
Tgt Ion: 63 Resp: 4818
Ion Ratio Lower Upper
63 100
112 5.4 3.6 5.4



#38
Bromodichloromethane
Concen: 2.07 ug/L
RT: 7.870 min Scan# 1153
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Tgt Ion: 83 Resp: 6767
Ion Ratio Lower Upper
83 100
85 63.1 45.1 83.7
127 8.6 6.6 10.0

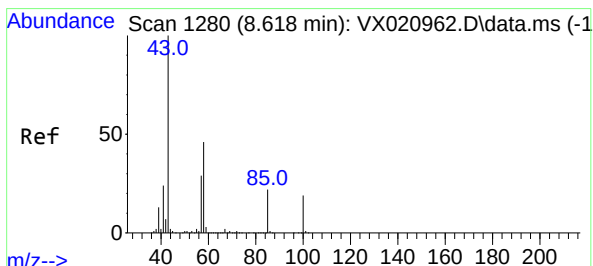
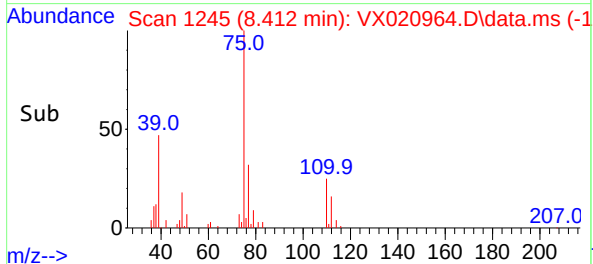
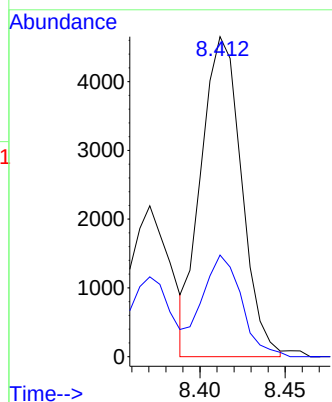
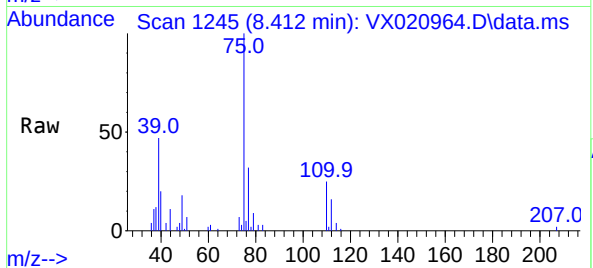




#39
cis-1,3-Dichloropropene
Concen: 1.99 ug/L
RT: 8.412 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

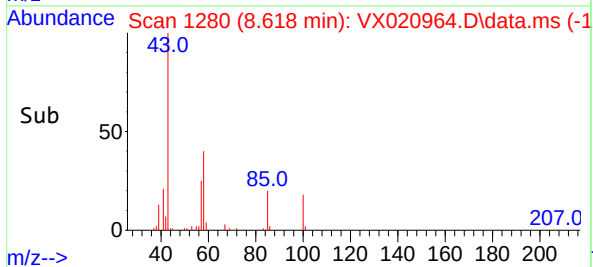
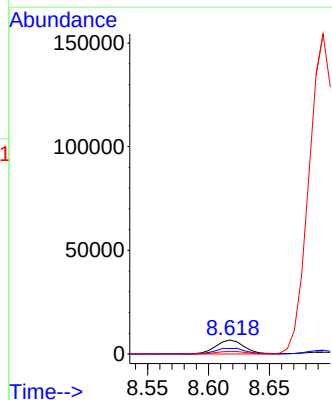
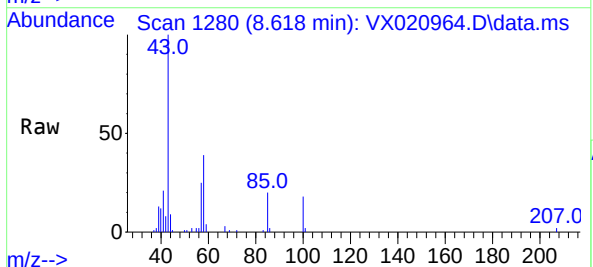
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

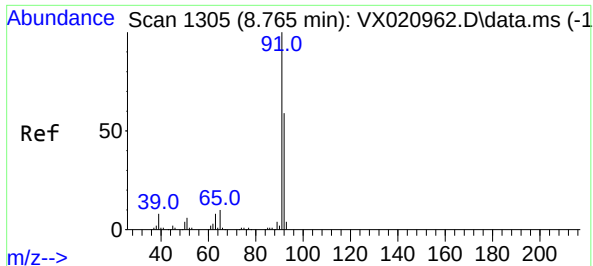
Tgt Ion: 75 Resp: 7699
Ion Ratio Lower Upper
75 100
77 31.7 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 3.77 ug/L
RT: 8.618 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Tgt Ion: 43 Resp: 10895
Ion Ratio Lower Upper
43 100
58 43.1 35.0 52.4
100 18.9 14.2 21.4





#42

Toluene

Concen: 1.98 ug/L

RT: 8.765 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VX020964.D

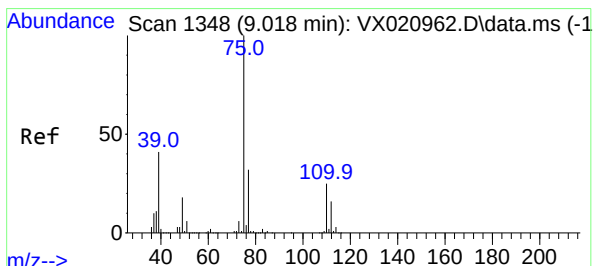
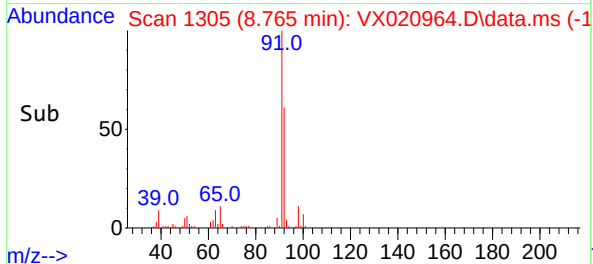
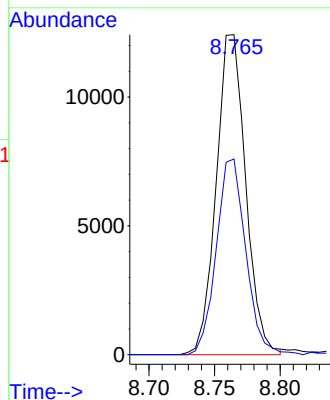
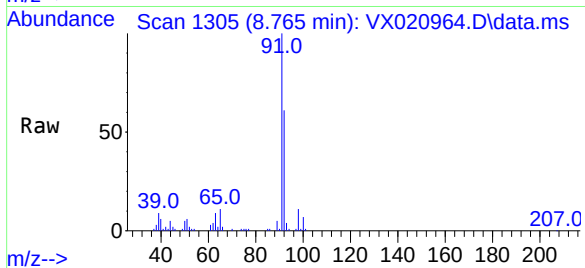
Acq: 02 Mar 2021 11:55

Tgt Ion: 91 Resp: 19434

Ion Ratio Lower Upper

91 100

92 61.1 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 1.92 ug/L

RT: 9.018 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX020964.D

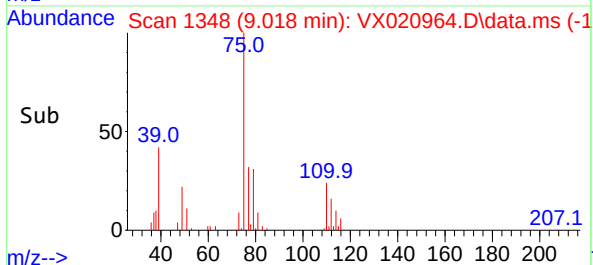
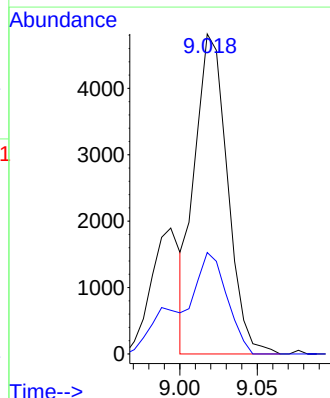
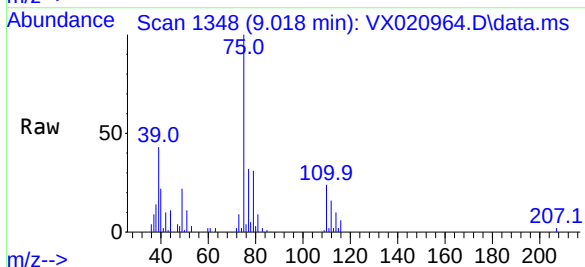
Acq: 02 Mar 2021 11:55

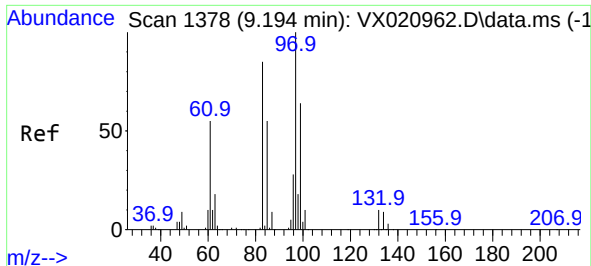
Tgt Ion: 75 Resp: 7083

Ion Ratio Lower Upper

75 100

77 31.7 22.4 41.6



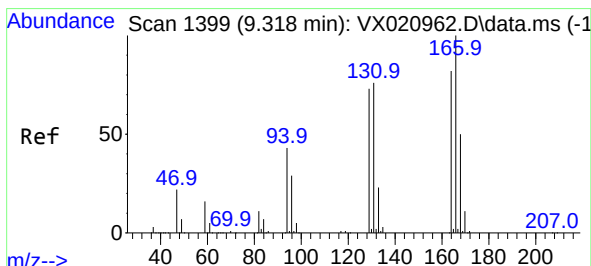
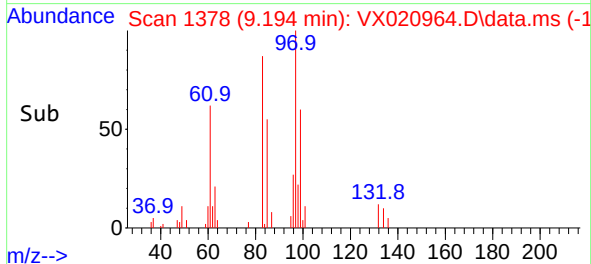
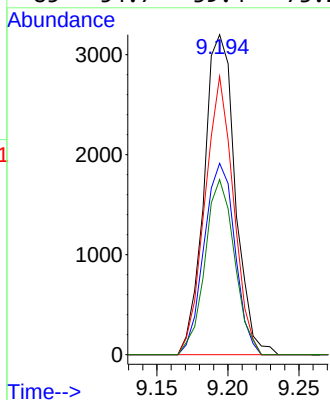
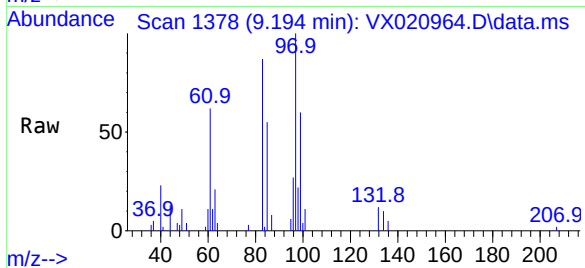


#45

1,1,2-Trichloroethane
Concen: 2.08 ug/L
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

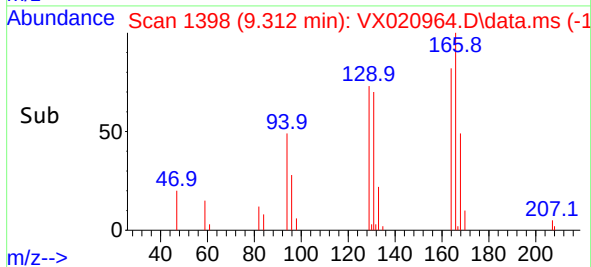
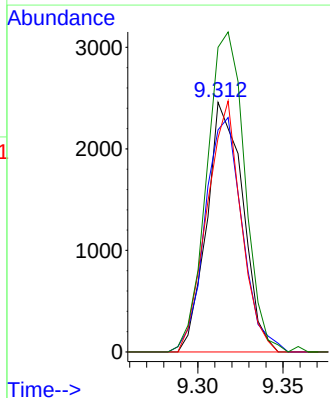
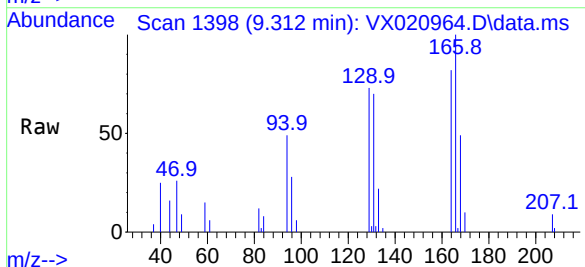
Tgt Ion:	97	Resp:	4890
Ion	Ratio	Lower	Upper
97	100		
99	59.8	44.0	81.6
83	86.9	60.8	113.0
85	54.7	39.4	73.2

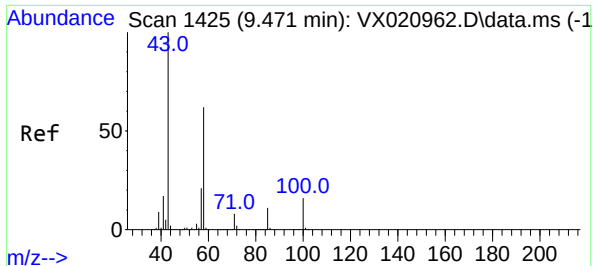


#46

Tetrachloroethene
Concen: 2.02 ug/L
RT: 9.312 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Tgt Ion:	164	Resp:	3616
Ion	Ratio	Lower	Upper
164	100		
129	89.0	65.6	121.8
131	85.7	63.7	118.3
166	122.0	93.0	172.6

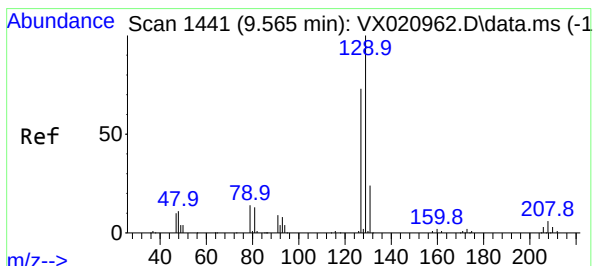
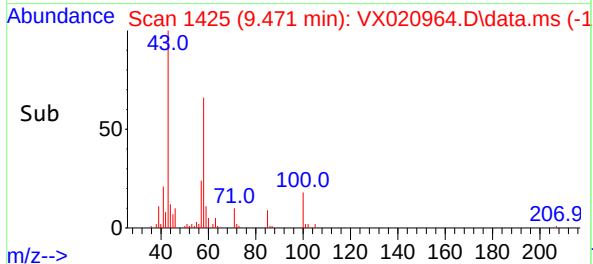
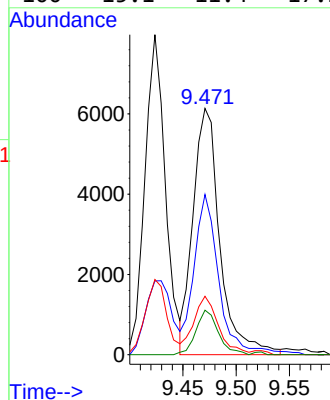
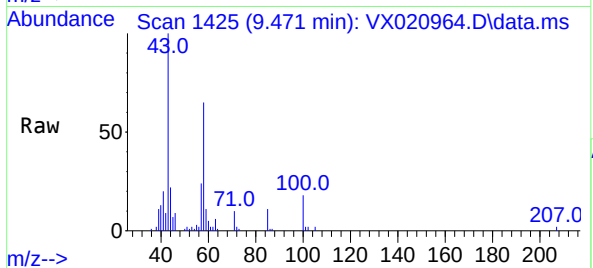




#48
2-Hexanone
Concen: 4.90 ug/L
RT: 9.471 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

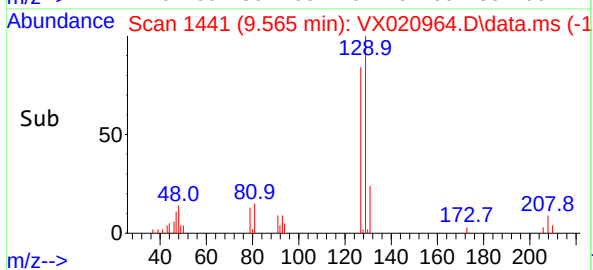
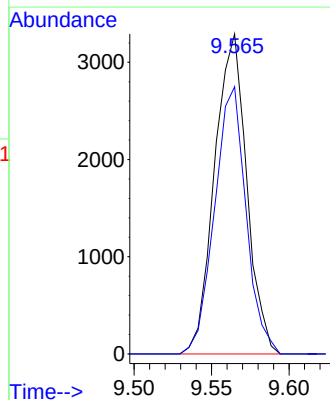
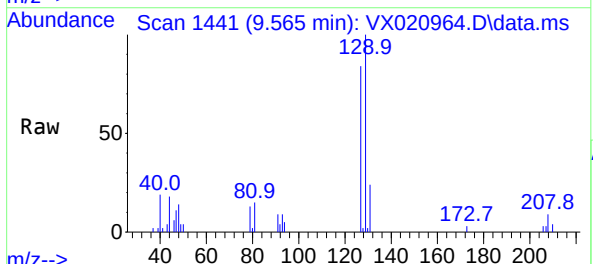
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

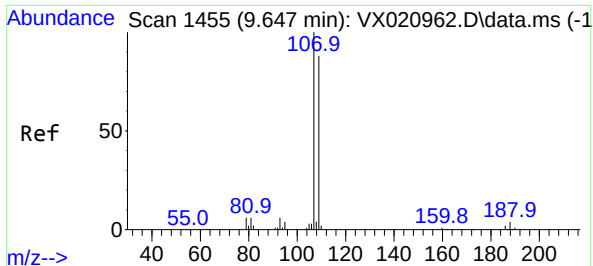
Tgt Ion: 43	Resp: 10784
Ion Ratio	Lower Upper
43 100	
58 54.0	50.1 75.1
57 22.1	17.3 25.9
100 15.1	11.4 17.2



#49
Dibromochloromethane
Concen: 1.91 ug/L
RT: 9.565 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Tgt Ion:129	Resp:	4738	
Ion	Ratio	Lower	Upper
129	100		
127	83.5	52.5	97.5

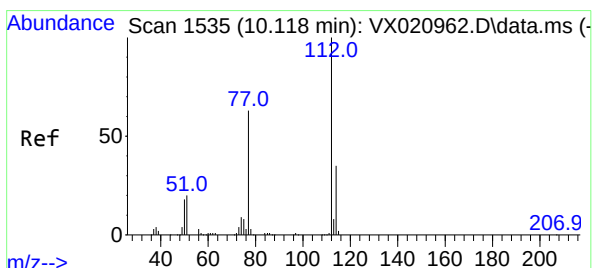
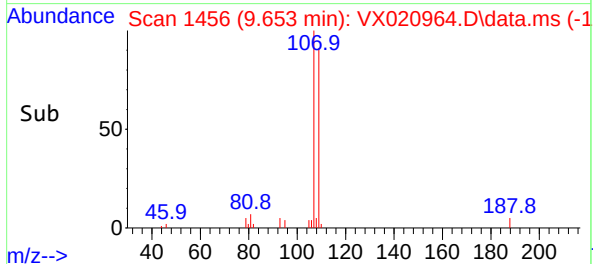
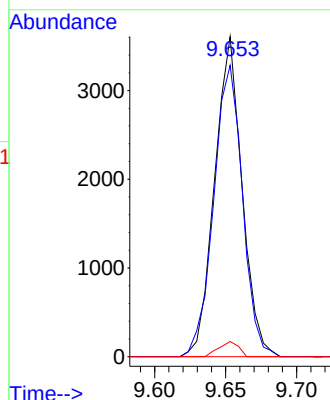
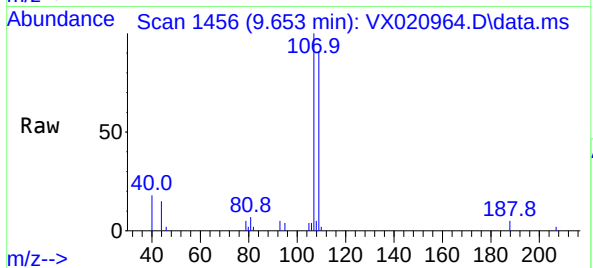




#50
1,2-Dibromoethane
Concen: 1.99 ug/L
RT: 9.653 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

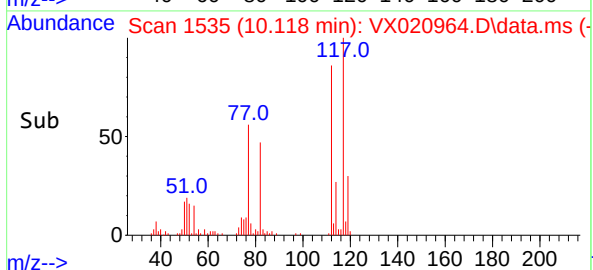
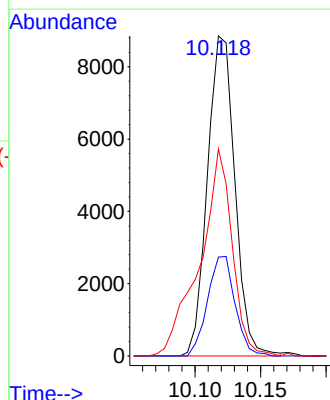
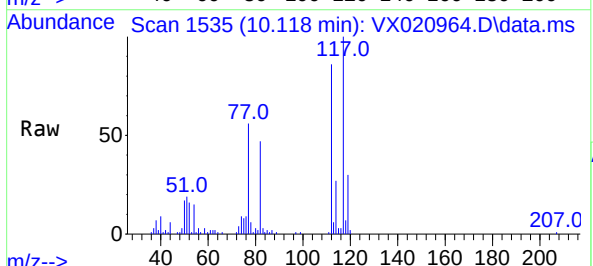
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

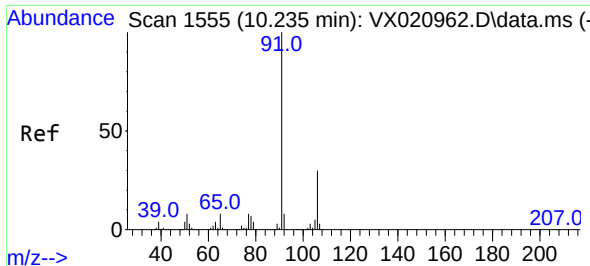
Tgt Ion:	107	Resp:	4846
Ion	Ratio	Lower	Upper
107	100		
109	91.0	66.4	123.4
188	4.8	3.2	4.8



#51
Chlorobenzene
Concen: 2.08 ug/L
RT: 10.118 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Tgt Ion:	112	Resp:	12909
Ion	Ratio	Lower	Upper
112	100		
114	30.9	23.2	43.2
77	64.7	48.4	72.6

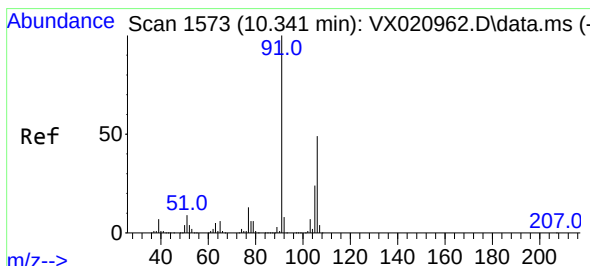
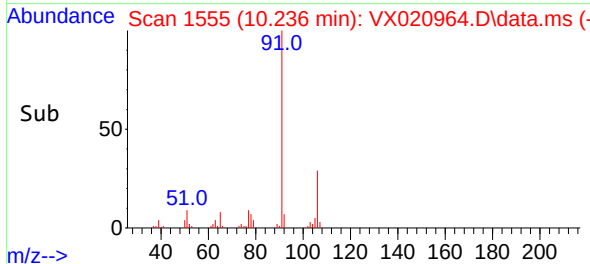
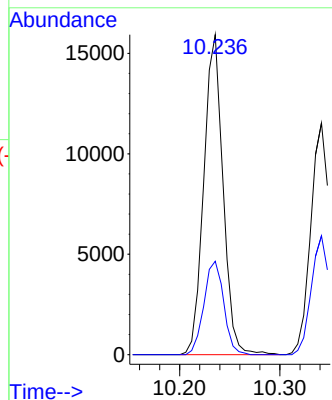
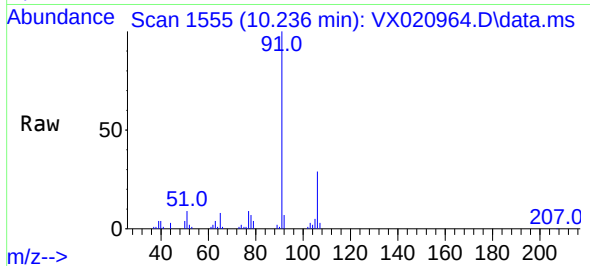




#52
Ethylbenzene
Concen: 1.97 ug/L
RT: 10.236 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

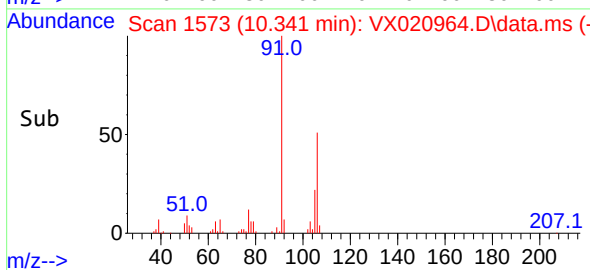
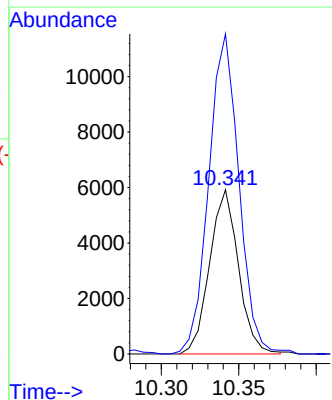
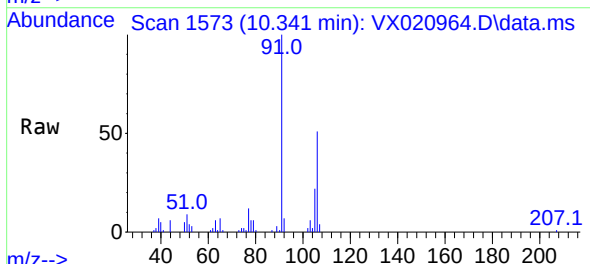
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

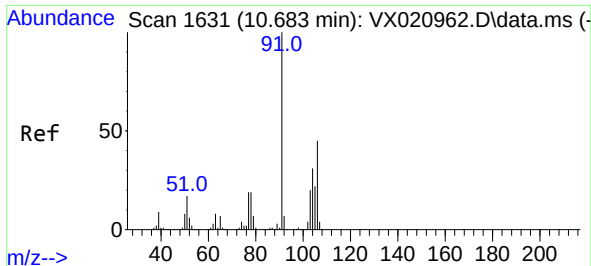
Tgt Ion: 91 Resp: 21276
Ion Ratio Lower Upper
91 100
106 29.2 21.0 39.0



#53
m,p-Xylene
Concen: 1.88 ug/L
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Tgt Ion: 106 Resp: 7657
Ion Ratio Lower Upper
106 100
91 195.0 142.5 264.6

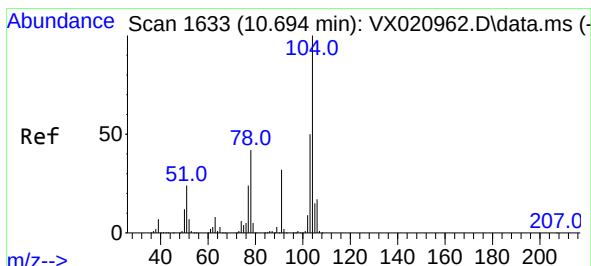
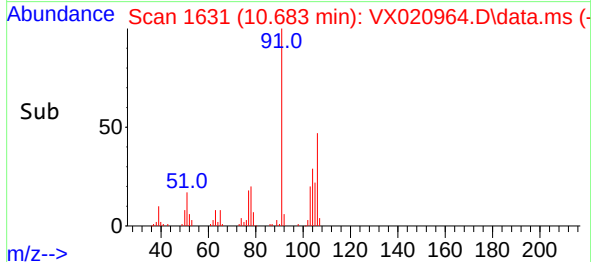
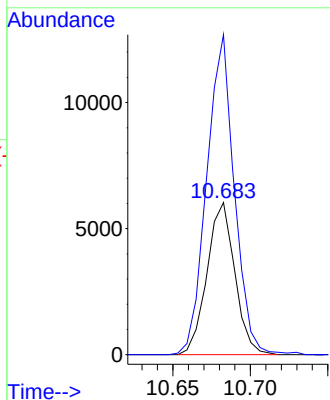
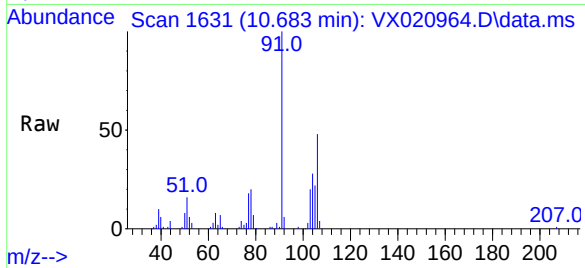




#54
o-Xylene
Concen: 1.90 ug/L
RT: 10.683 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

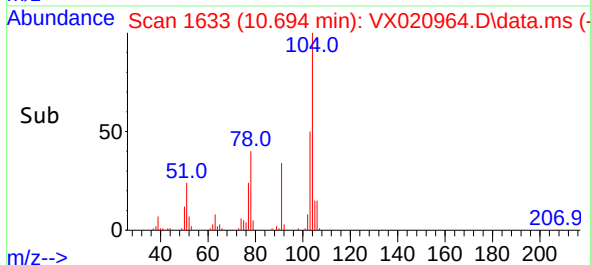
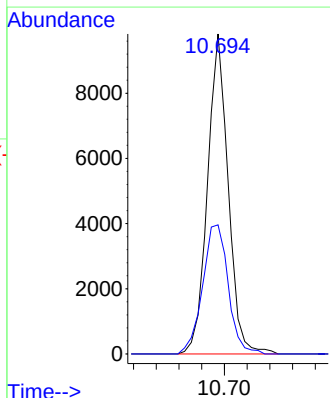
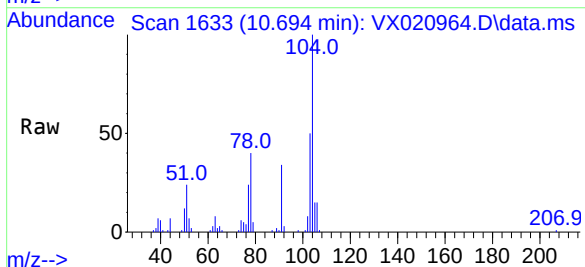
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

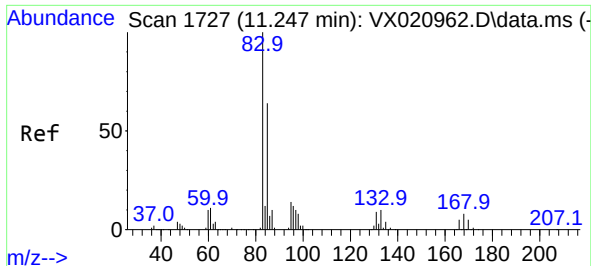
Tgt Ion:106 Resp: 7527
Ion Ratio Lower Upper
106 100
91 210.4 156.2 290.0



#55
Styrene
Concen: 1.80 ug/L
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

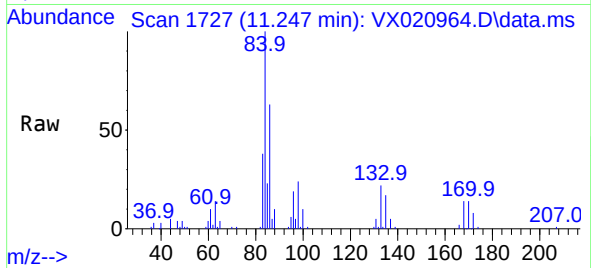
Tgt Ion:104 Resp: 12406
Ion Ratio Lower Upper
104 100
78 40.4 30.0 55.6



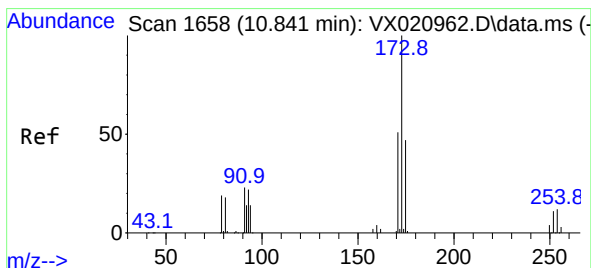
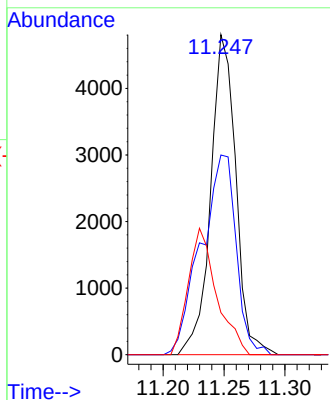
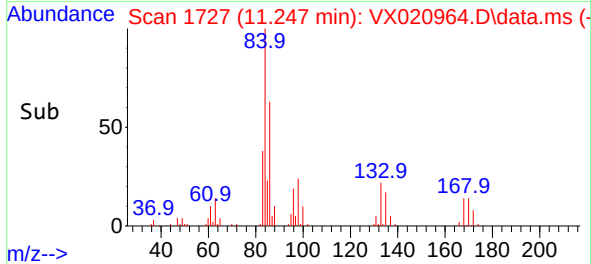


#57
1,1,2,2-Tetrachloroethane
Concen: 2.06 ug/L
RT: 11.247 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

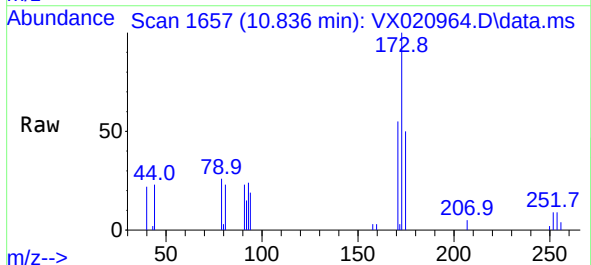
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04



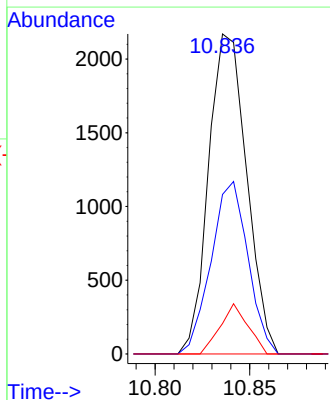
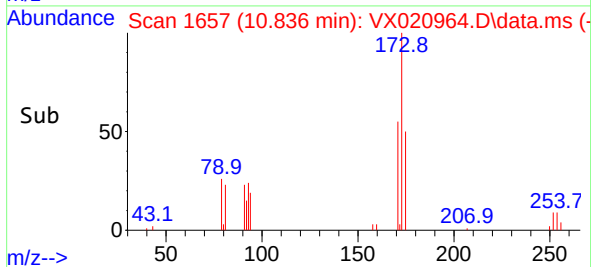
Tgt Ion: 83 Resp: 6913
Ion Ratio Lower Upper
83 100
85 62.4 44.7 82.9
131 13.2 7.8 11.8#

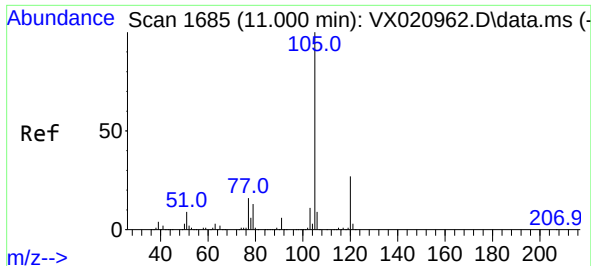


#59
Bromoform
Concen: 2.00 ug/L
RT: 10.836 min Scan# 1657
Delta R.T. -0.006 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55



Tgt Ion: 173 Resp: 3037
Ion Ratio Lower Upper
173 100
175 52.2 39.4 59.2
254 11.5 8.6 13.0

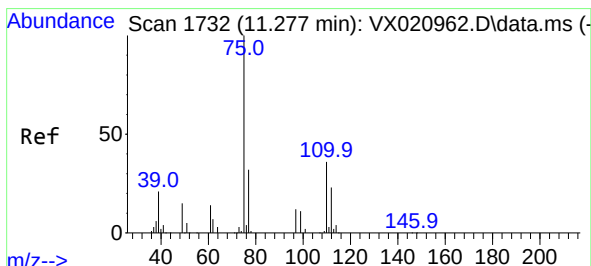
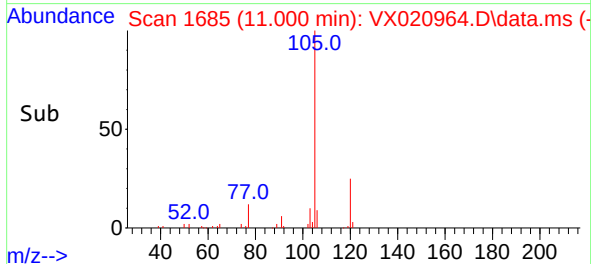
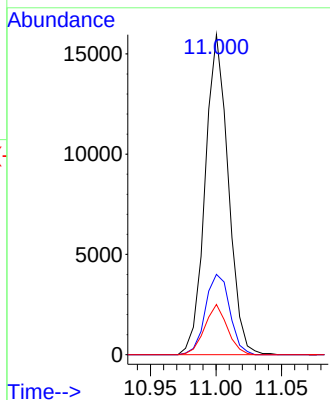
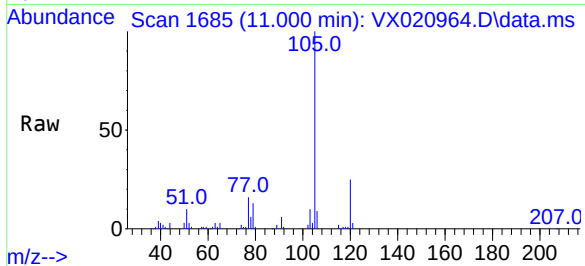




#60
Isopropylbenzene
Concen: 2.12 ug/L
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

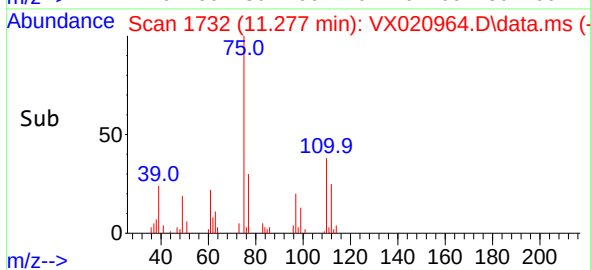
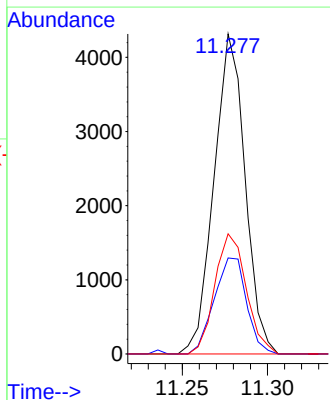
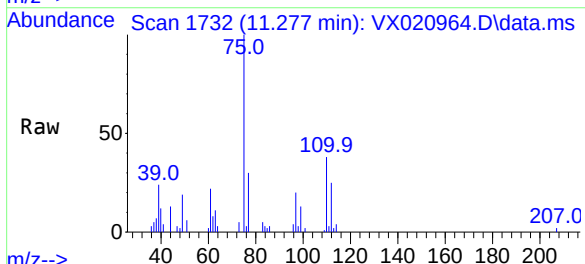
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

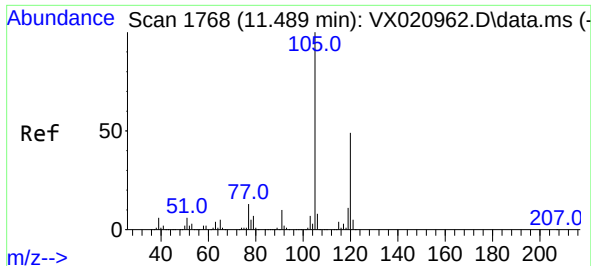
Tgt Ion:	105	Resp:	19583
Ion Ratio	Lower	Upper	
105	100		
120	26.5	21.2	31.8
77	15.4	12.6	18.8



#61
1,2,3-Trichloropropane
Concen: 2.26 ug/L
RT: 11.277 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Tgt Ion:	75	Resp:	5472
Ion Ratio	Lower	Upper	
75	100		
77	31.4	26.2	39.2
110	38.1	31.8	47.8

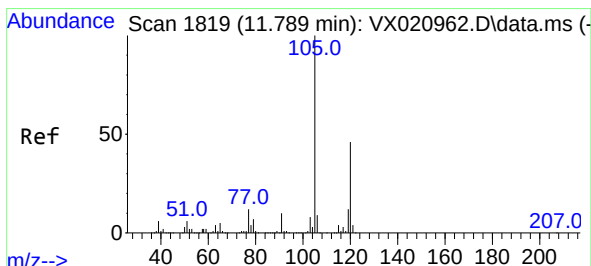
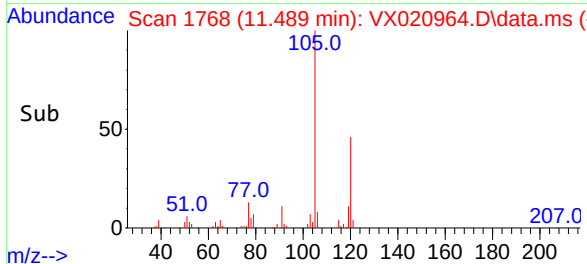
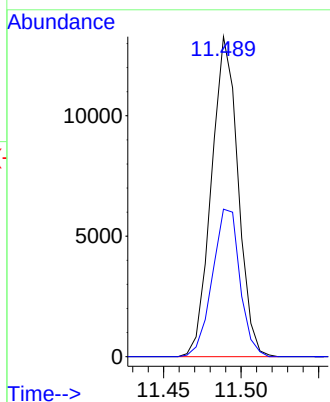
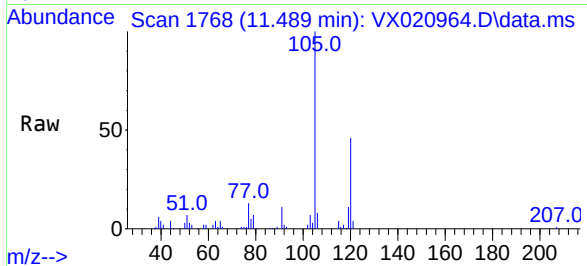




#62
1,3,5-Trimethylbenzene
Concen: 2.10 ug/L
RT: 11.489 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

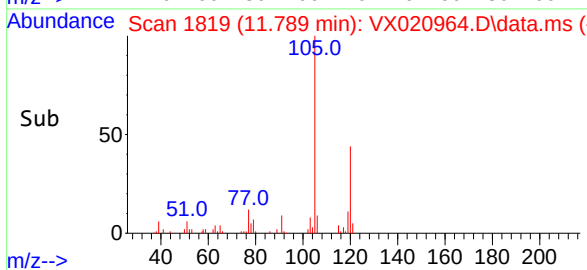
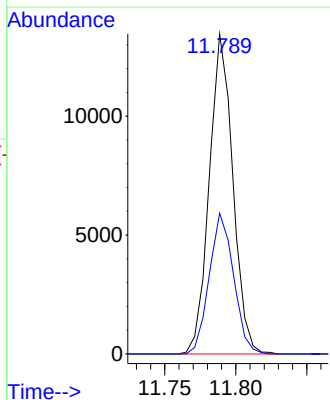
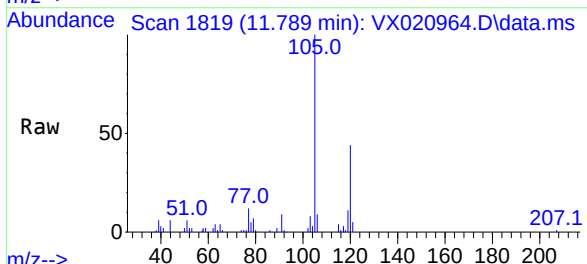
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

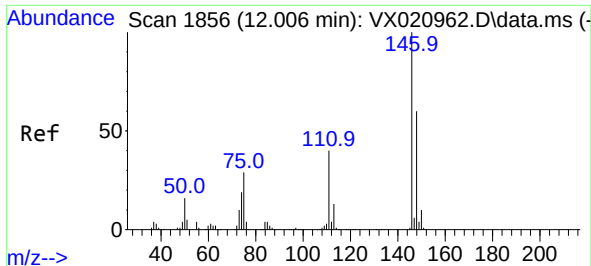
Tgt Ion:105 Resp: 15871
Ion Ratio Lower Upper
105 100
120 47.7 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 2.04 ug/L
RT: 11.789 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Tgt Ion:105 Resp: 15518
Ion Ratio Lower Upper
105 100
120 45.4 36.4 54.6

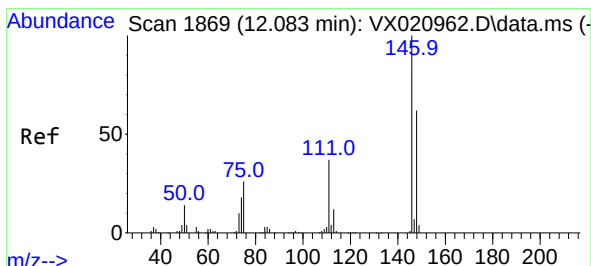
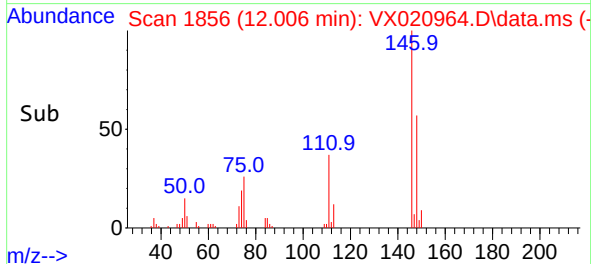
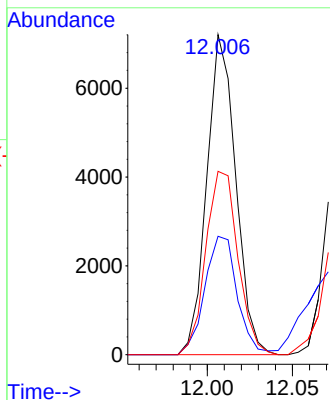
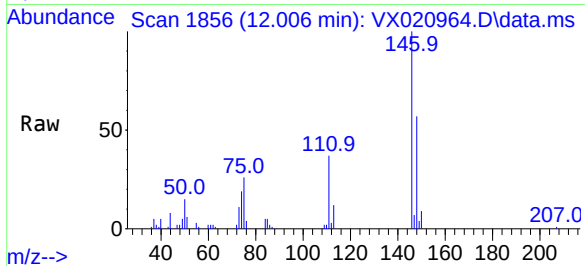




#64
1,3-Dichlorobenzene
Concen: 2.15 ug/L
RT: 12.006 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

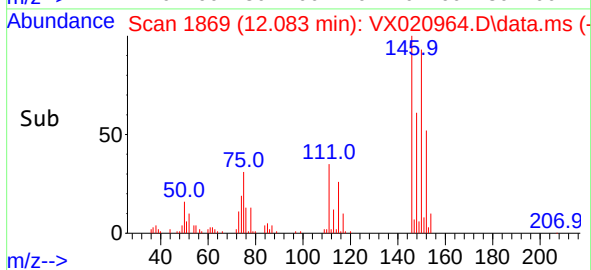
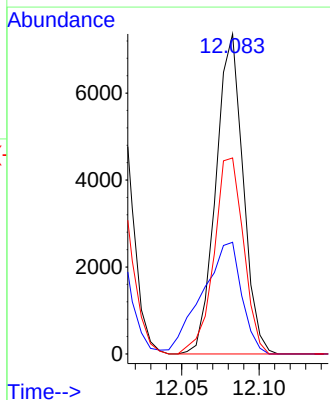
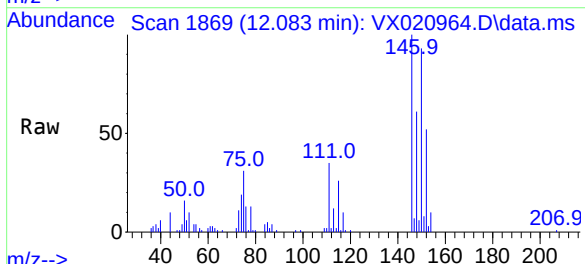
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

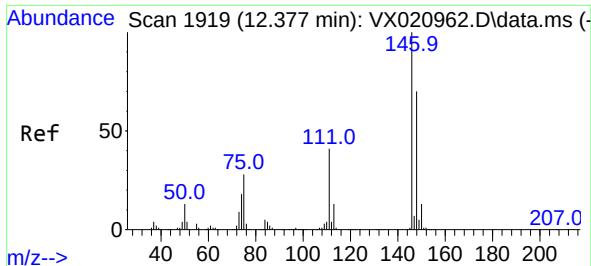
Tgt Ion:	146	Resp:	8516
Ion Ratio	Lower	Upper	
146	100		
111	37.0	28.9	53.7
148	57.3	47.7	88.7



#65
1,4-Dichlorobenzene
Concen: 2.27 ug/L
RT: 12.083 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

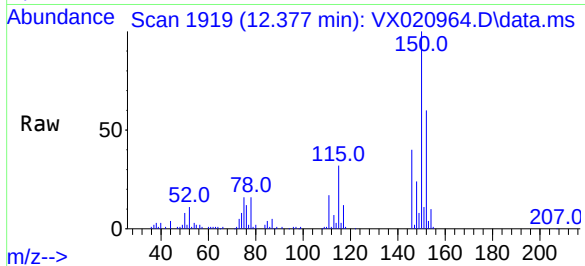
Tgt Ion:	146	Resp:	8977
Ion Ratio	Lower	Upper	
146	100		
111	34.9	28.7	53.3
148	61.2	45.8	85.2



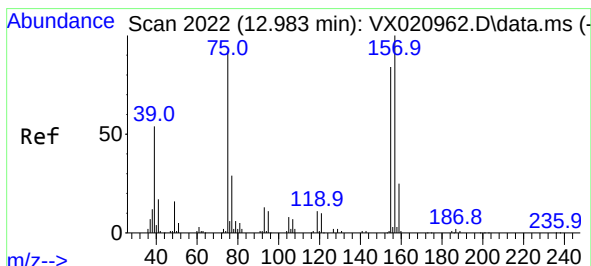
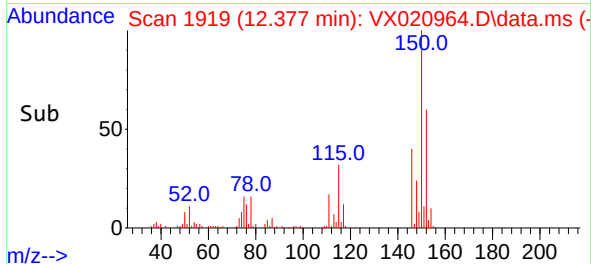
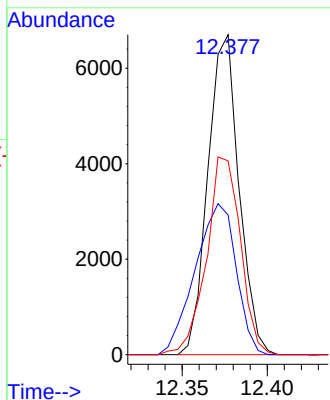


#67
1,2-Dichlorobenzene
Concen: 2.18 ug/L
RT: 12.377 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

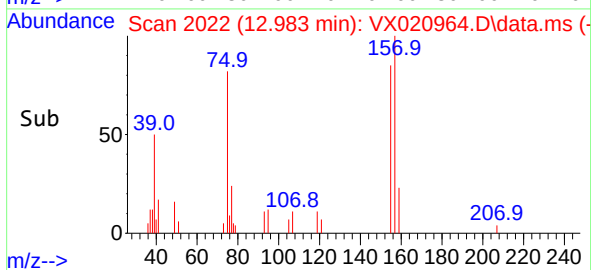
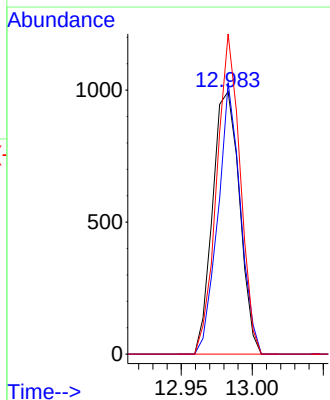
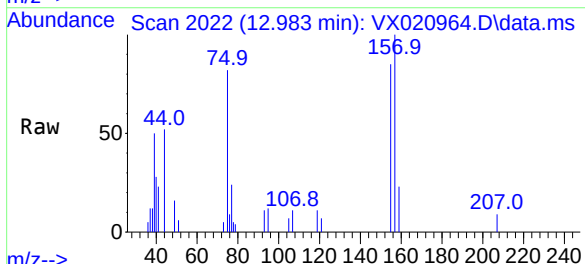


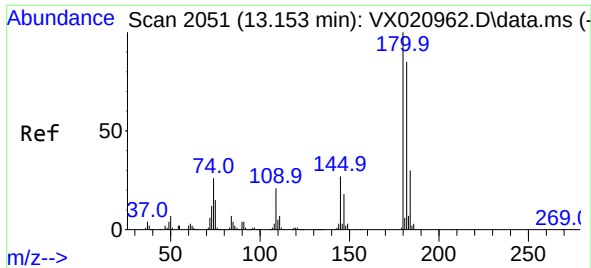
Tgt Ion:146 Resp: 8531
Ion Ratio Lower Upper
146 100
111 43.7 33.8 50.8
148 60.6 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 1.97 ug/L
RT: 12.983 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Tgt Ion: 75 Resp: 1312
Ion Ratio Lower Upper
75 100
155 103.4 65.3 97.9#
157 121.9 80.5 120.7#

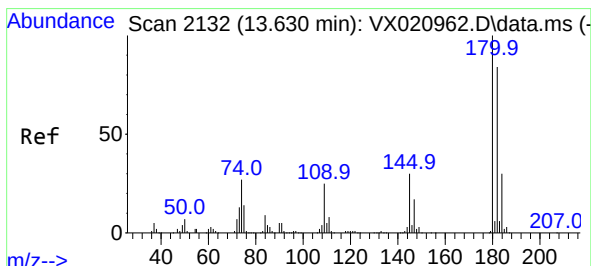
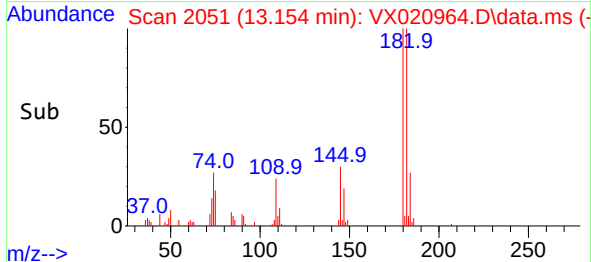
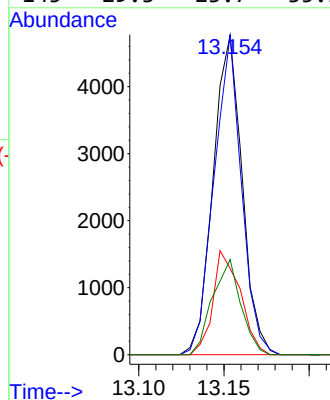
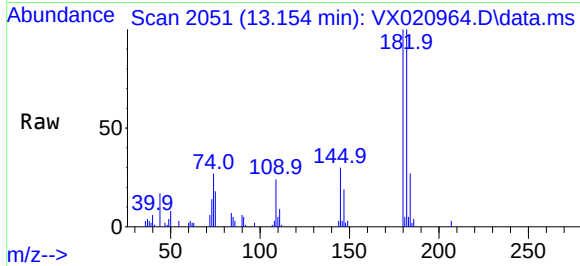




#69
1,3,5-Trichlorobenzene
Concen: 2.09 ug/L
RT: 13.154 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

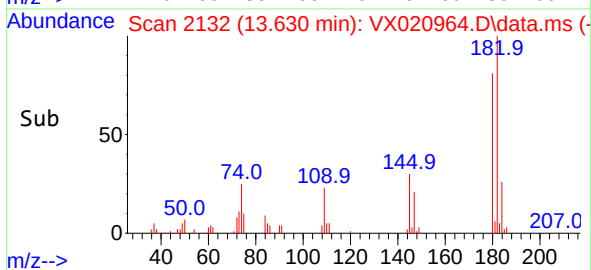
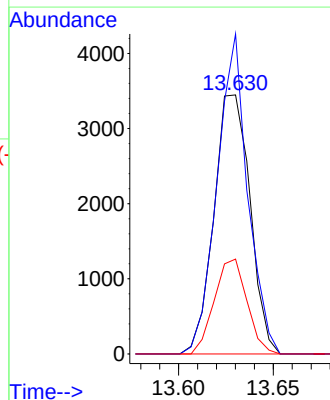
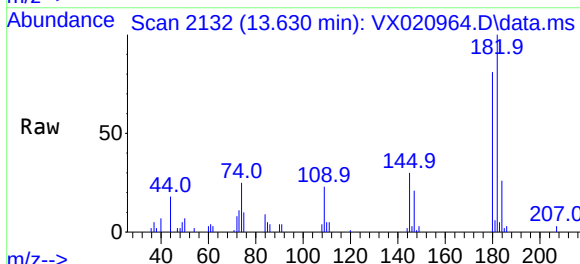
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

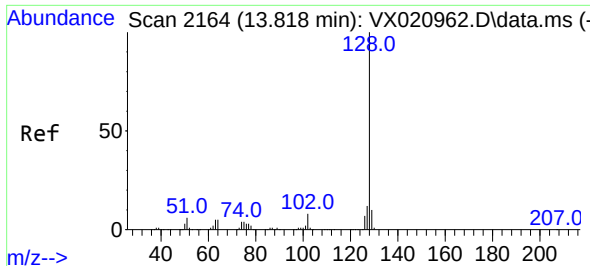
Tgt Ion:	180	Resp:	5628
Ion Ratio	Lower	Upper	
180	100		
182	94.5	74.8	112.2
184	30.9	24.1	36.1
145	29.3	23.7	35.5



#70
1,2,4-trichlorobenzene
Concen: 1.93 ug/L
RT: 13.630 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

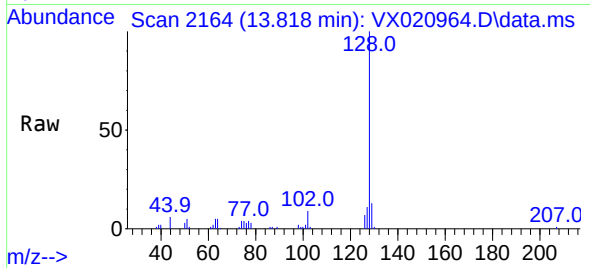
Tgt Ion:	180	Resp:	4584
Ion Ratio	Lower	Upper	
180	100		
182	104.5	74.3	111.5
145	33.1	24.1	36.1





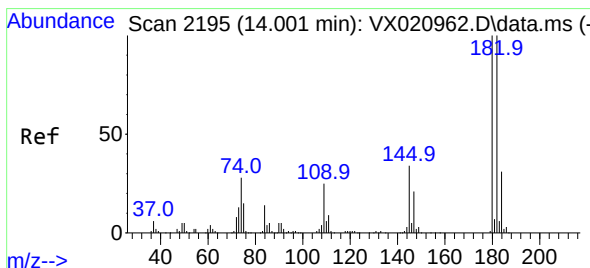
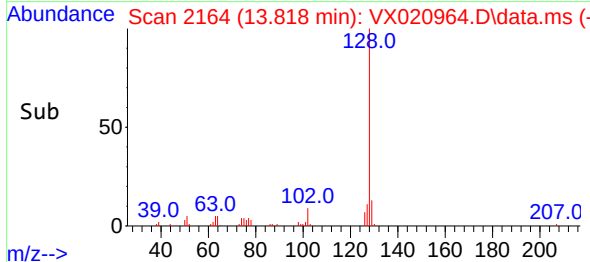
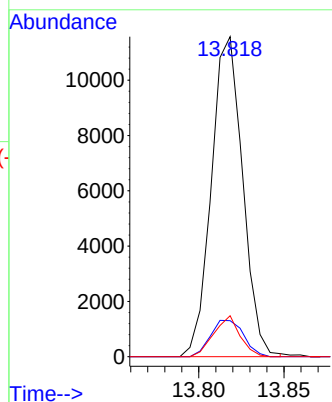
#71
Naphthalene
Concen: 1.71 ug/L
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04



Tgt Ion:128 Resp: 14796

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.2
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 2.00 ug/L
RT: 14.001 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Tgt Ion:180 Resp: 4852

Ion	Ratio	Lower	Upper
180	100		
182	88.5	74.6	112.0
145	32.2	25.6	38.4

