

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
27) 1,2-Dichloroethane	6.041	62	2281	0.74	ug/L	98

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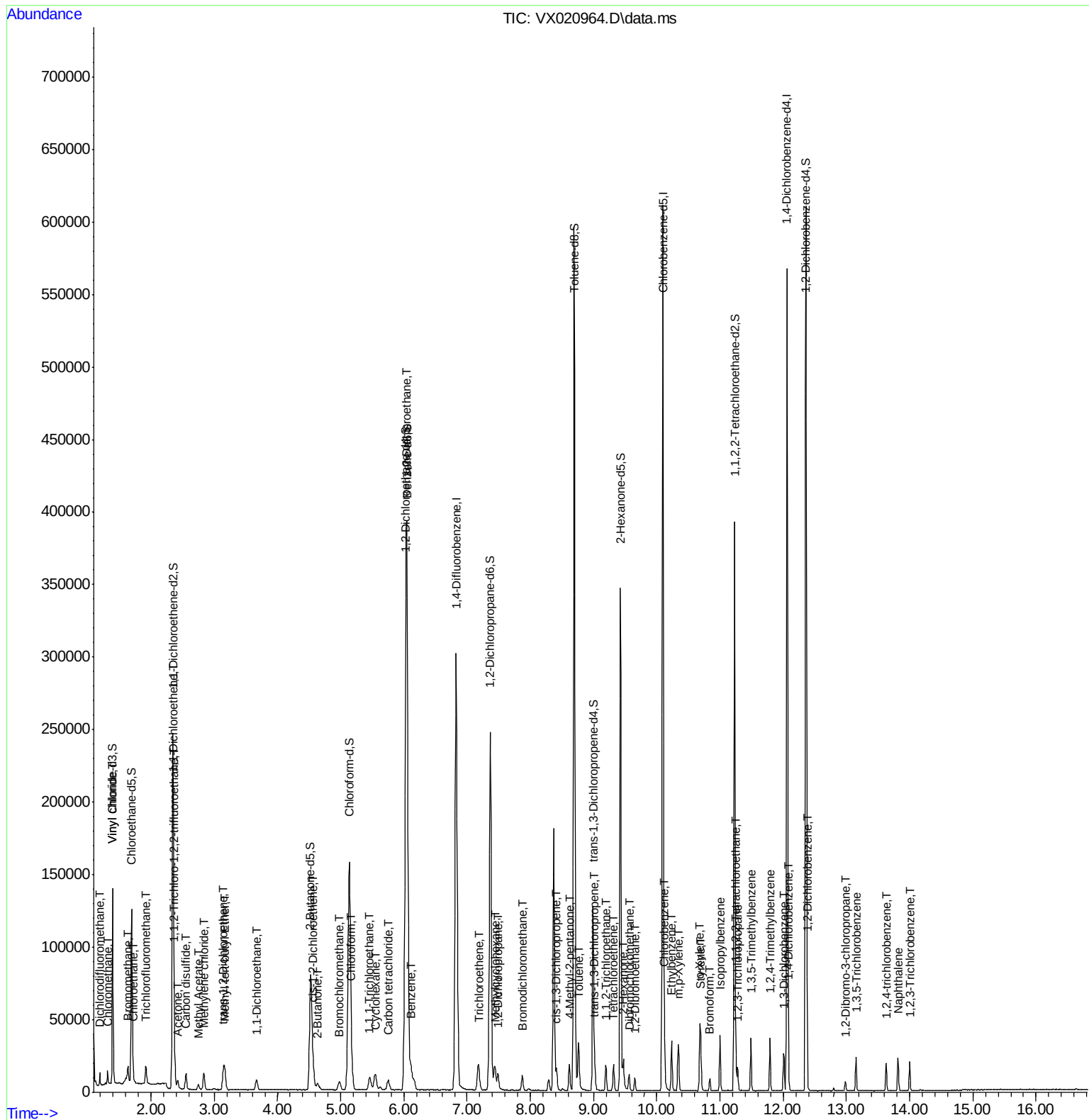
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.547	56	7191	1.97	ug/L	96
30) 1,1,1-Trichloroethane	5.453	97	7470	2.02	ug/L	99
31) Carbon tetrachloride	5.753	117	6167	2.01	ug/L	99
33) Benzene	6.111	78	19111	2.03	ug/L	100
34) Trichloroethene	7.188	95	5073	2.02	ug/L	95
35) Methylcyclohexane	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

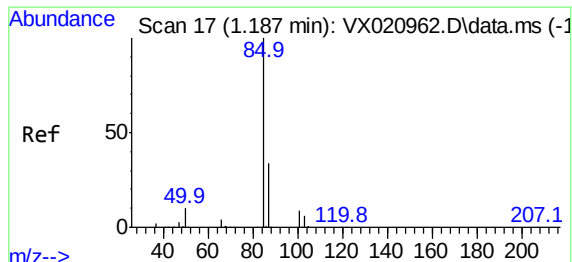
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 2.11 ug/L

RT: 1.187 min Scan# 17

Delta R.T. 0.000 min

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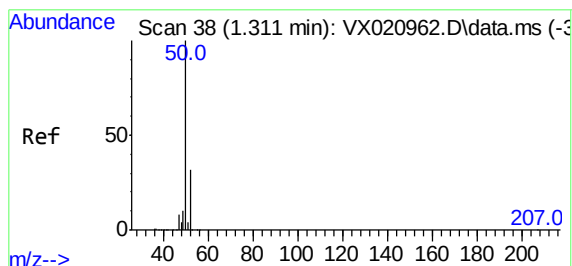
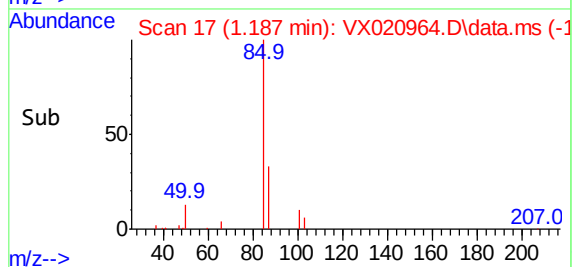
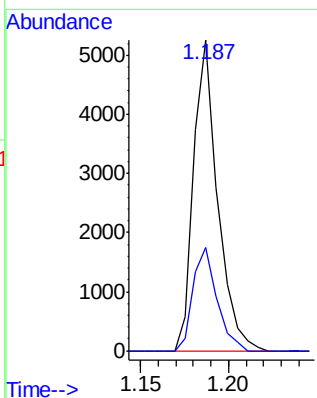
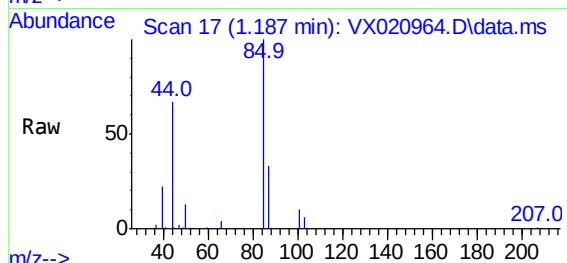
Acq: 02 Mar 2021 11:55

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

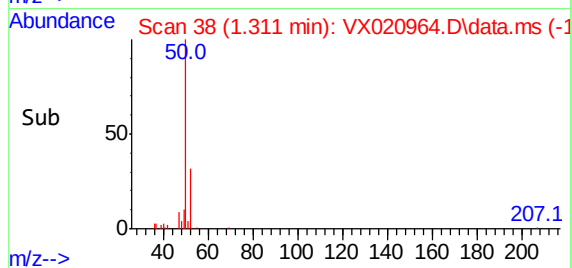
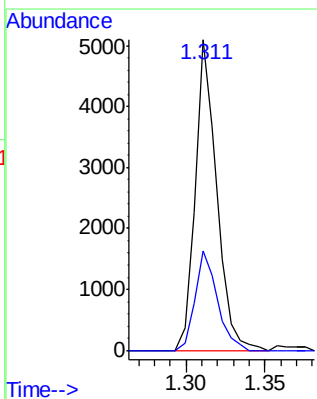
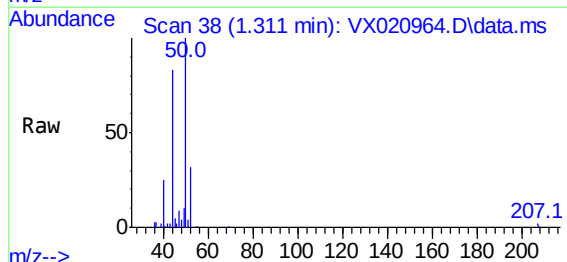
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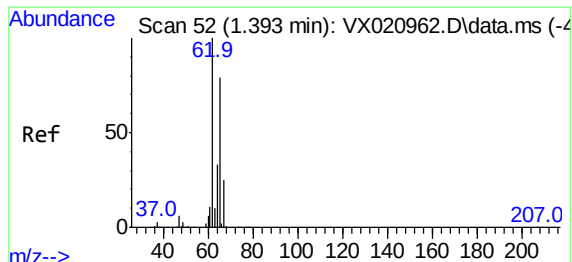
Tgt Ion: 50 Resp: 4822

Ion Ratio Lower Upper

50 100

52 31.9 23.7 43.9

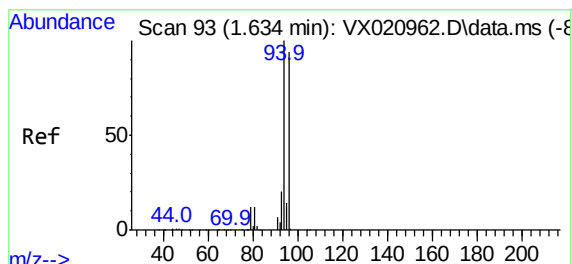
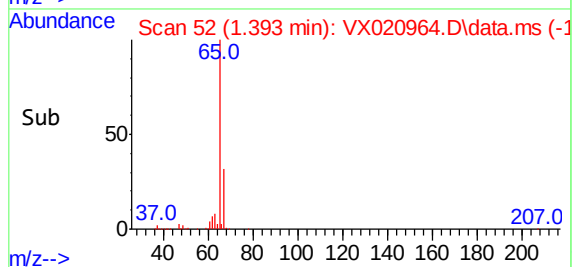
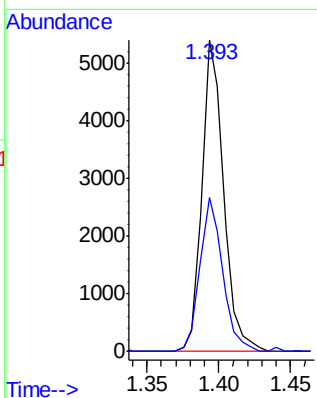
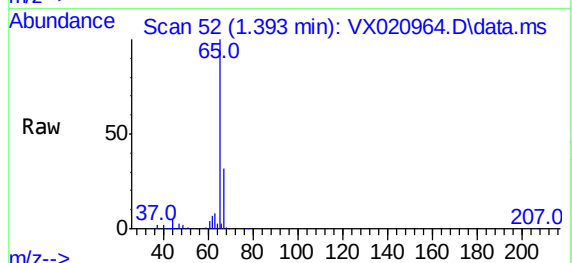




#5
 Vinyl chloride
 Concen: 2.26 ug/L
 RT: 1.393 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VX020964.D
 Acq: 02 Mar 2021 11:55

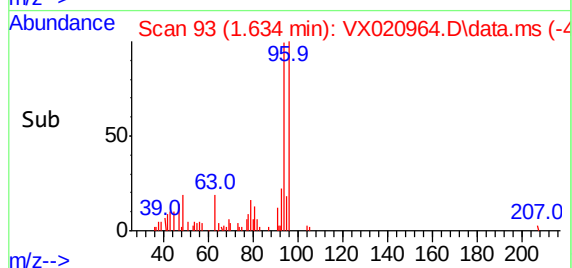
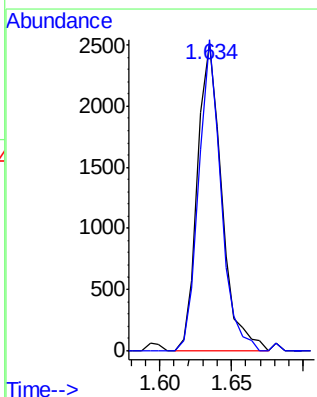
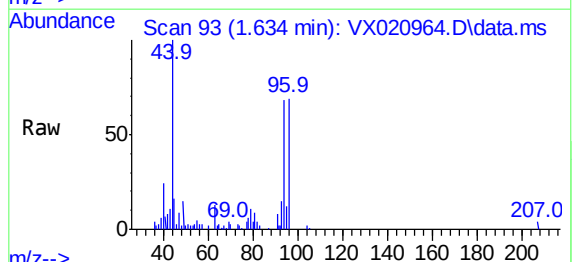
Instrument :
 MSVOA_X
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 MDL-MED-SOIL-QT2-2021-04

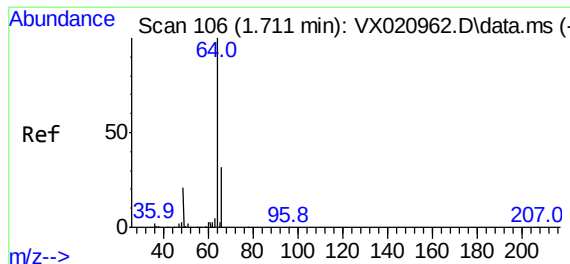
Tgt Ion: 62 Resp: 5642
 Ion Ratio Lower Upper
 62 100
 64 49.5 22.7 42.3#



#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

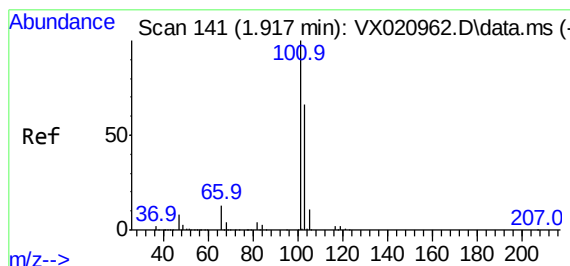
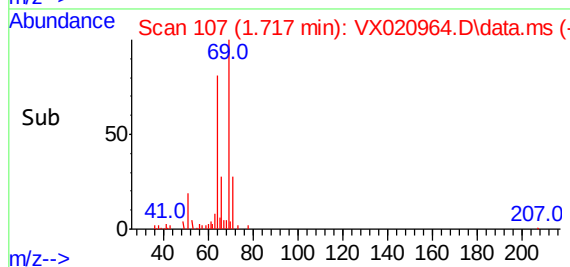
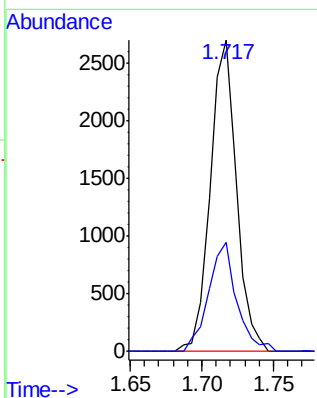
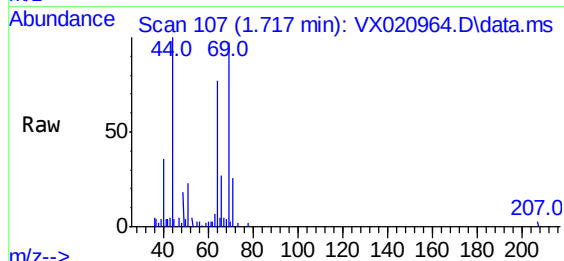




#8
Chloroethane
Concen: 2.19 ug/L
RT: 1.717 min Scan# 107
Delta R.T. 0.006 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

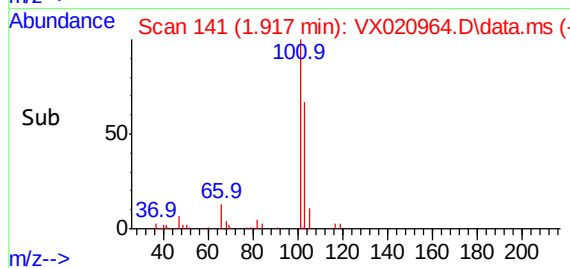
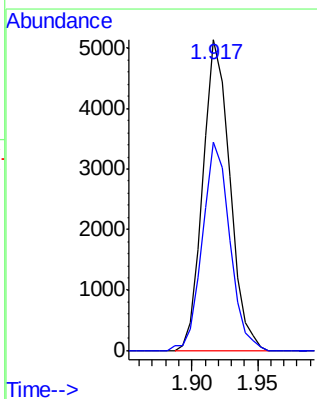
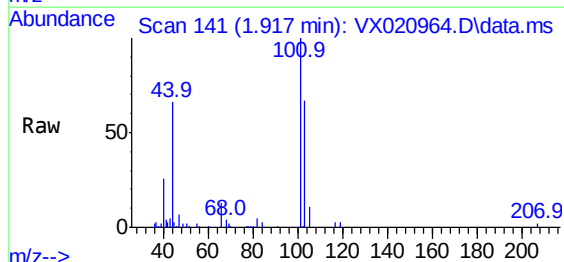
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

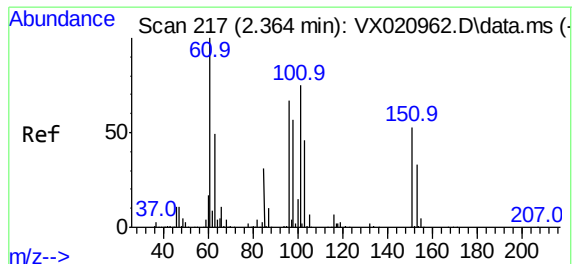
Tgt Ion: 64 Resp: 3417
Ion Ratio Lower Upper
64 100
66 35.1 22.0 41.0



#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

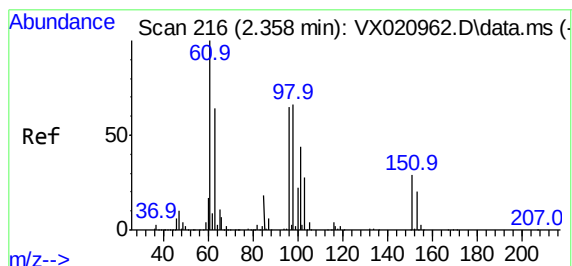
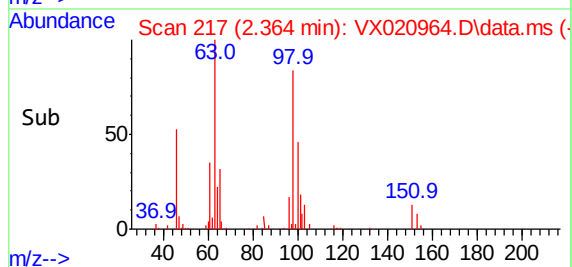
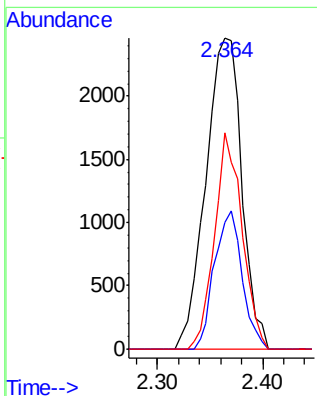
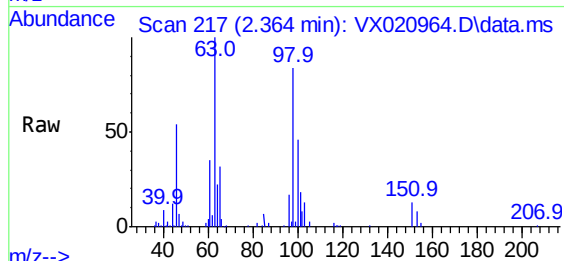




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.70 ug/L
 RT: 2.364 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VX020964.D
 Acq: 02 Mar 2021 11:55

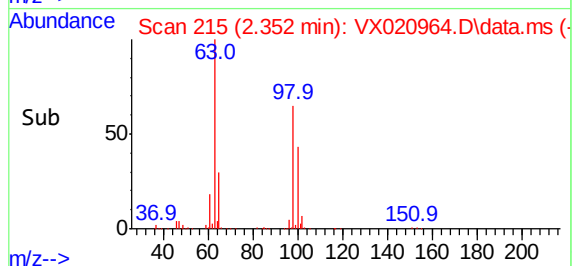
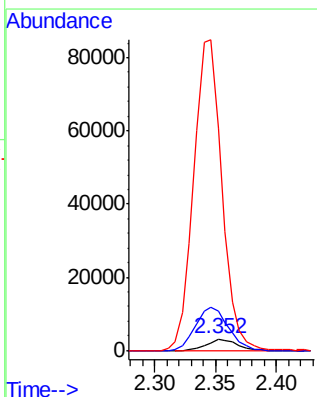
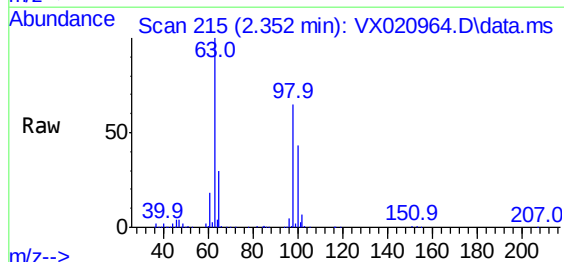
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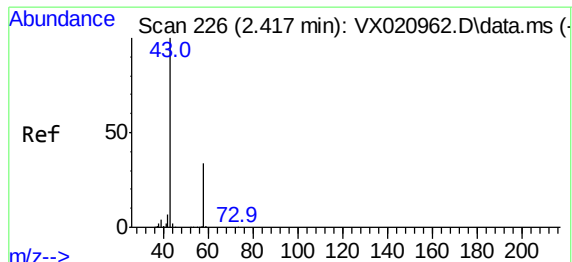
Tgt Ion:101 Resp: 5826
 Ion Ratio Lower Upper
 101 100
 85 34.0 34.3 51.5#
 151 53.2 60.7 91.1#



#12
 1,1-Dichloroethene
 Concen: 2.54 ug/L
 RT: 2.352 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VX020964.D
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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#

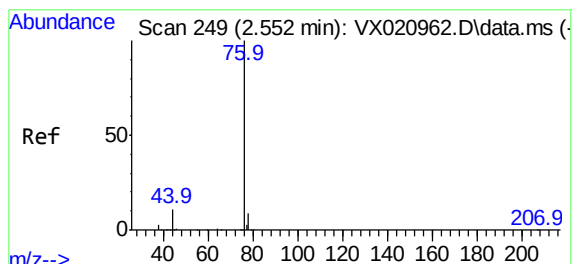
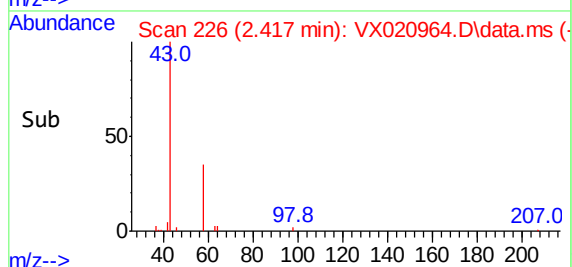
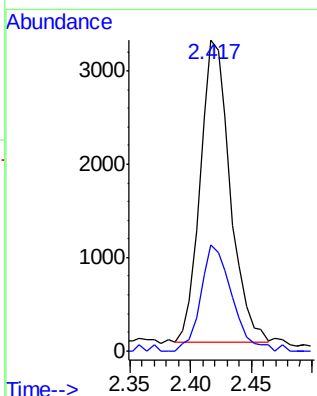
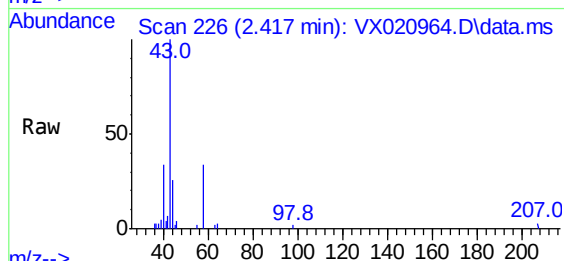




#13
Acetone
Concen: 5.10 ug/L
RT: 2.417 min Scan# 226
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

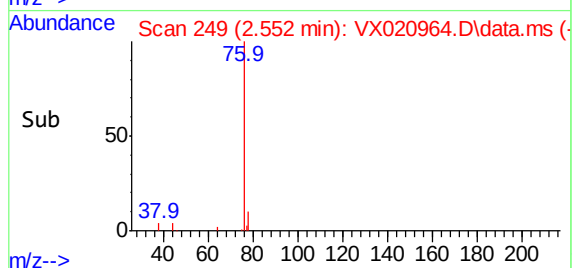
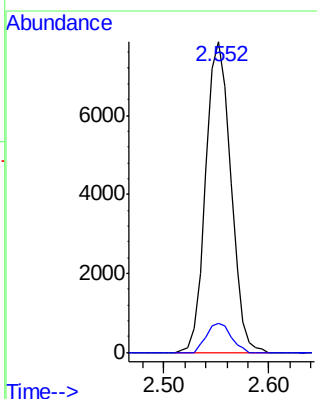
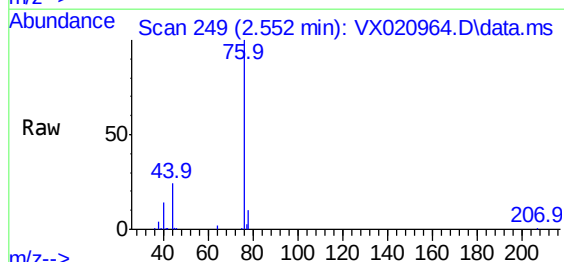
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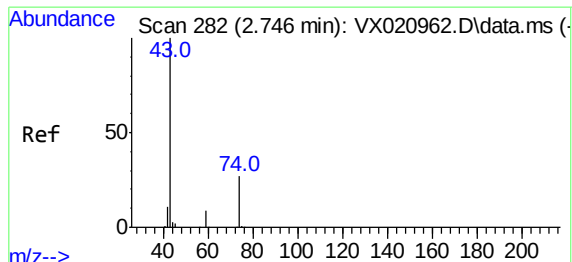
Tgt Ion: 43 Resp: 5575
Ion Ratio Lower Upper
43 100
58 36.0 0.0 68.2



#14
Carbon disulfide
Concen: 2.13 ug/L
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 12963
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

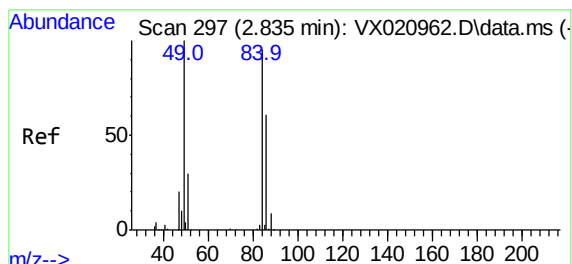
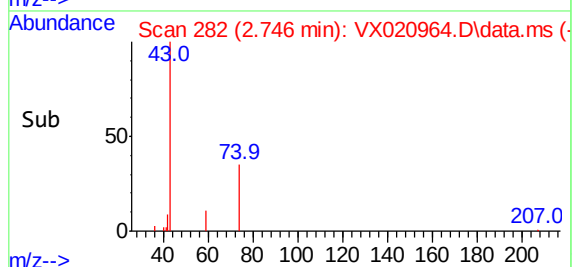
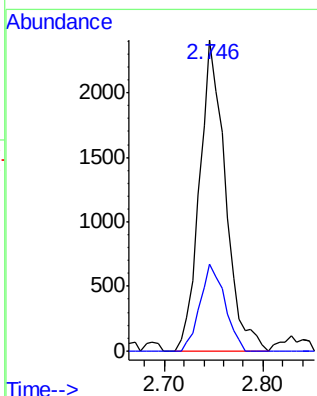
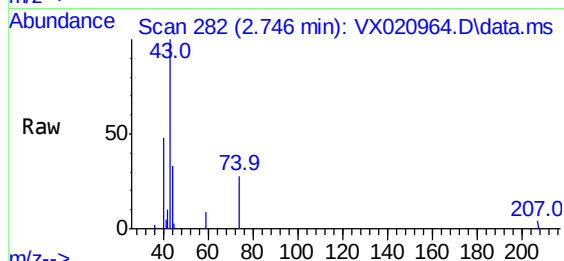




#15
Methyl Acetate
Concen: 2.10 ug/L
RT: 2.746 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

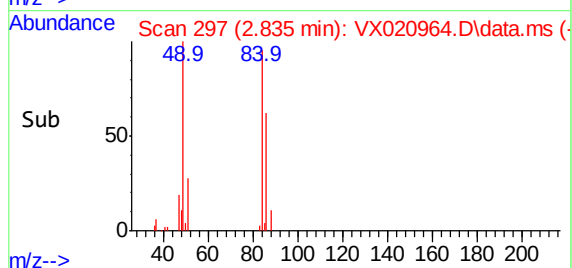
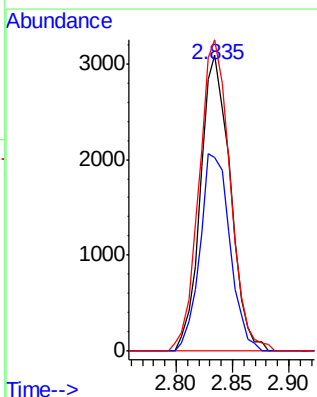
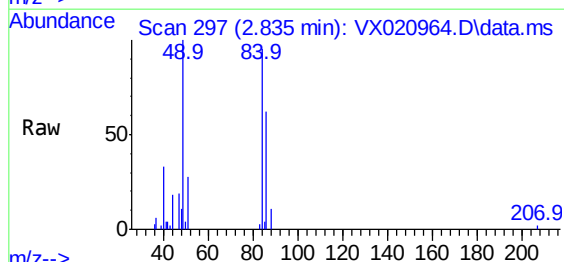
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

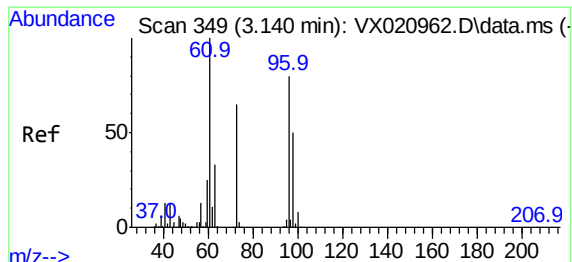
Tgt Ion: 43 Resp: 4333
Ion Ratio Lower Upper
43 100
74 26.7 21.7 32.5



#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

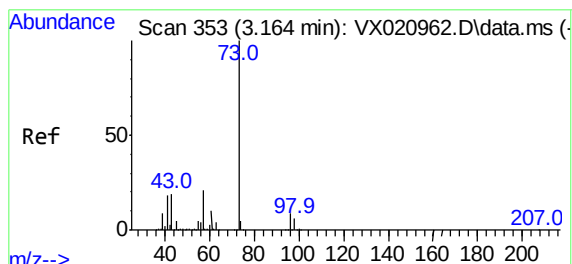
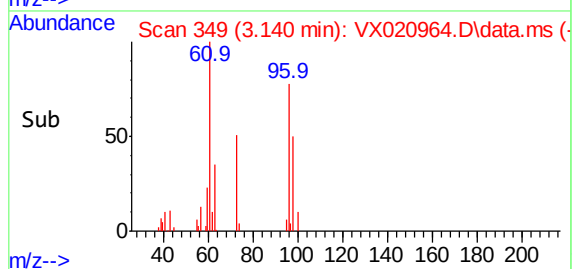
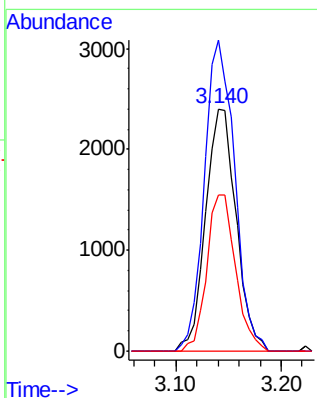
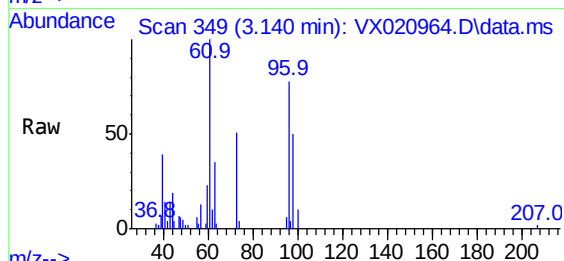




#17
trans-1,2-Dichloroethene
Concen: 2.14 ug/L
RT: 3.140 min Scan# 349
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

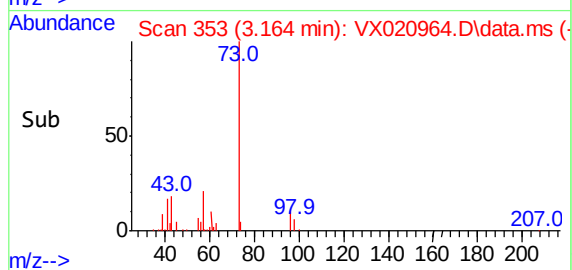
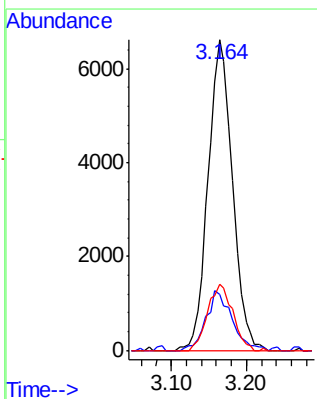
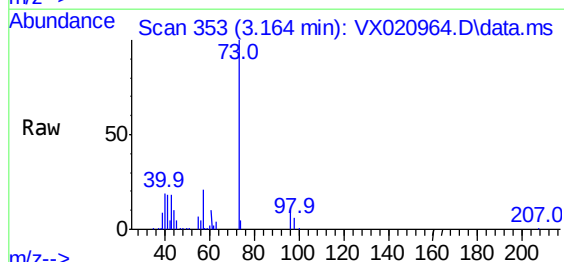
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

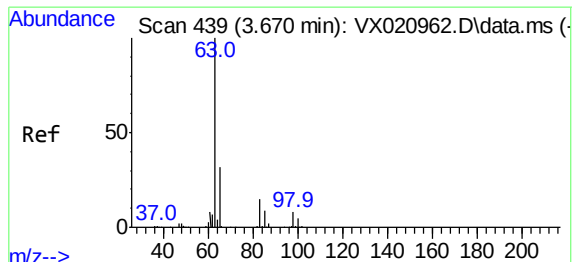
Tgt Ion: 96 Resp: 4817
Ion Ratio Lower Upper
96 100
61 128.4 92.3 171.3
98 64.6 46.3 85.9



#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

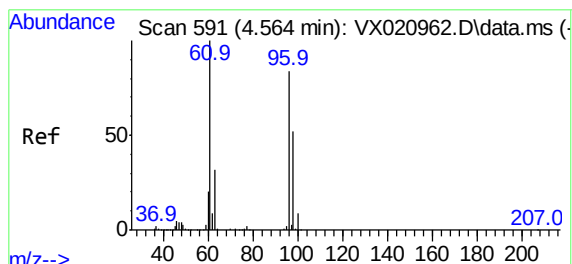
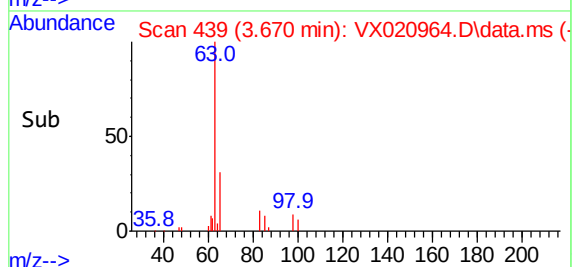
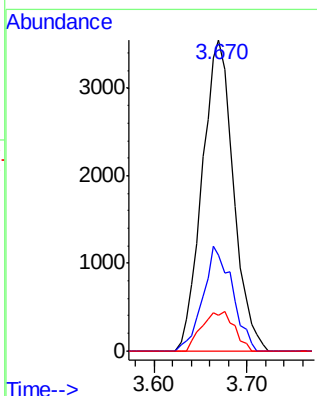
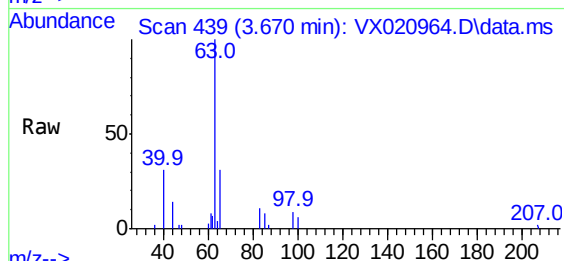




#19
1,1-Dichloroethane
Concen: 2.11 ug/L
RT: 3.670 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

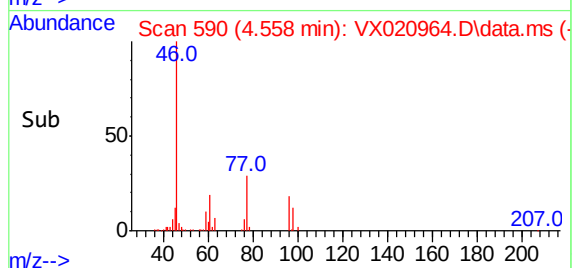
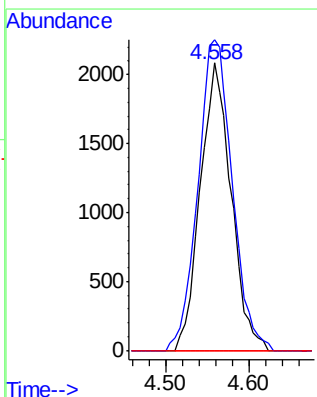
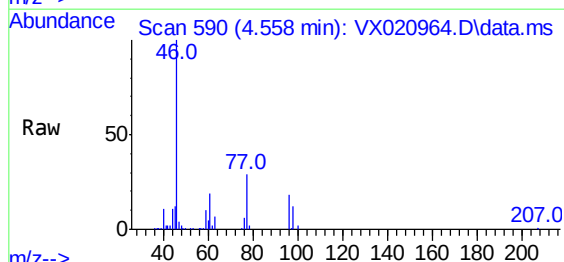
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

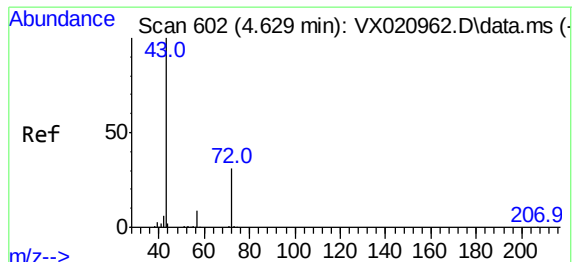
Tgt Ion: 63 Resp: 8309
Ion Ratio Lower Upper
63 100
65 30.7 22.4 41.6
83 11.4 9.5 17.7



#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

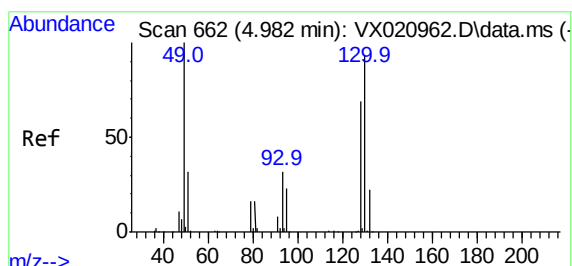
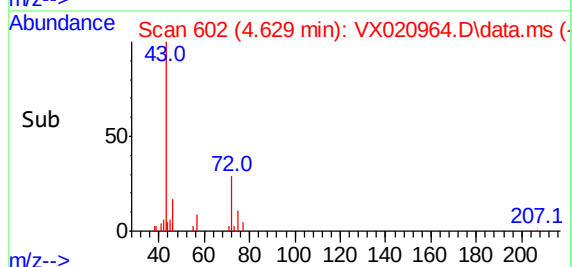
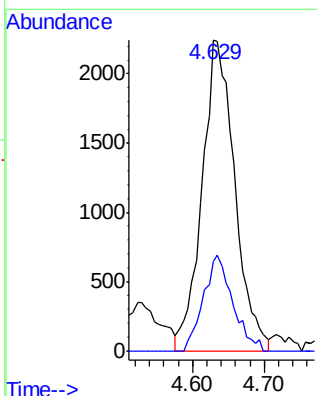
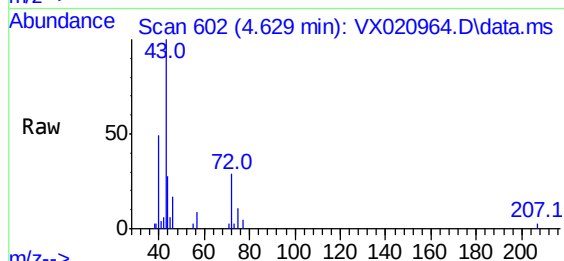




#22
2-Butanone
Concen: 4.59 ug/L
RT: 4.629 min Scan# 602
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

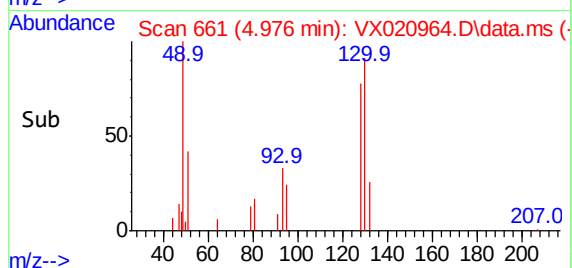
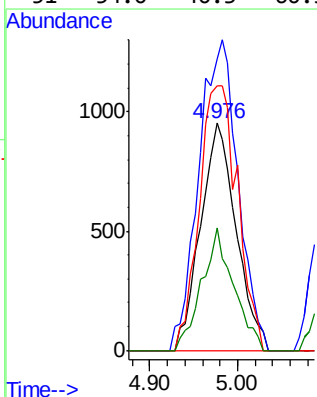
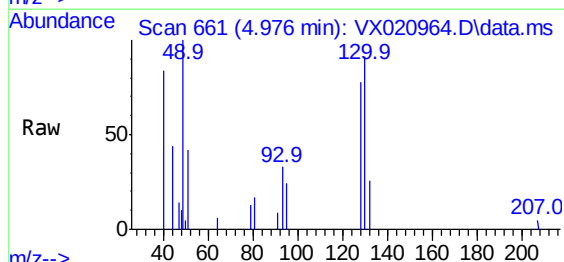
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

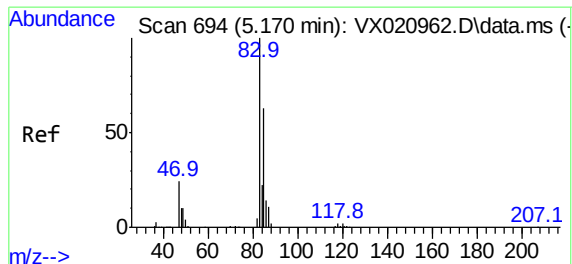
Tgt Ion: 43 Resp: 7117
Ion Ratio Lower Upper
43 100
72 27.0 15.3 45.8



#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

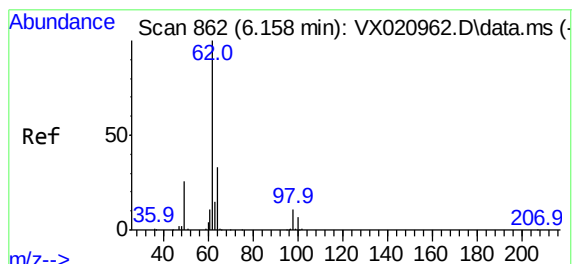
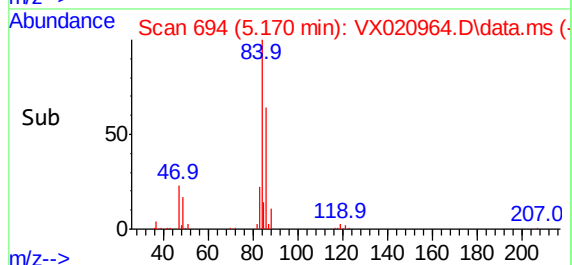
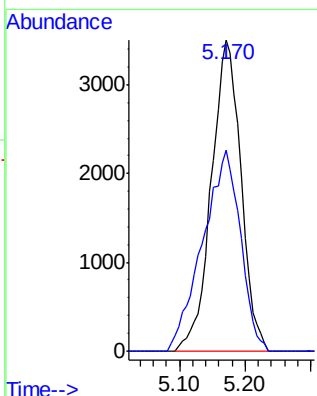
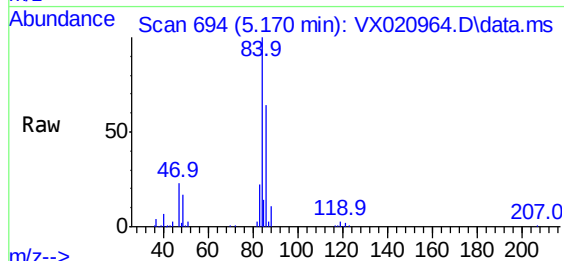




#25
Chloroform
Concen: 2.55 ug/L
RT: 5.170 min Scan# 694
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

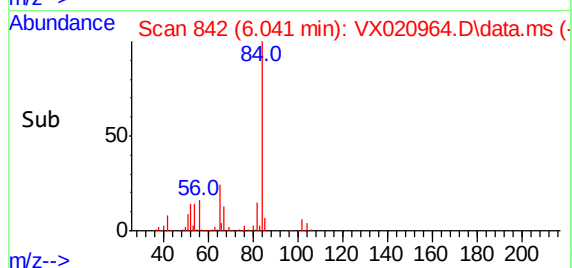
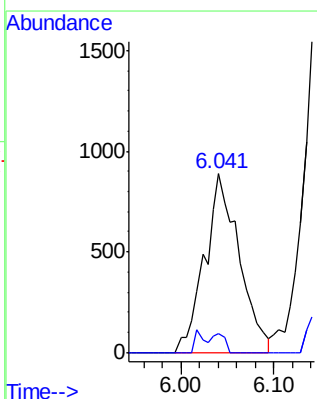
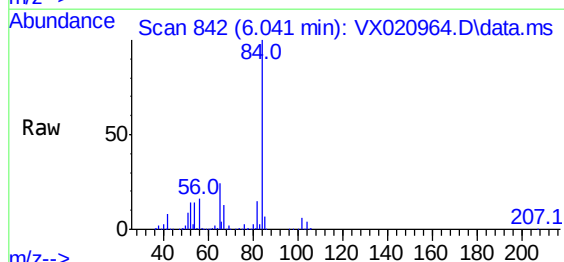
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

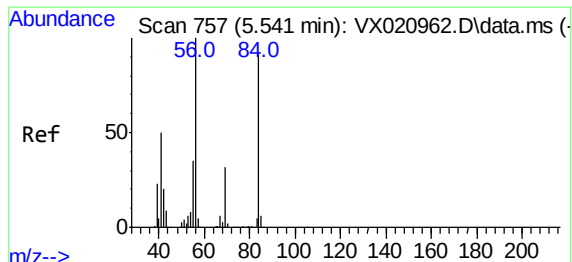
Tgt Ion: 83 Resp: 10722
Ion Ratio Lower Upper
83 100
85 64.6 46.3 85.9



#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

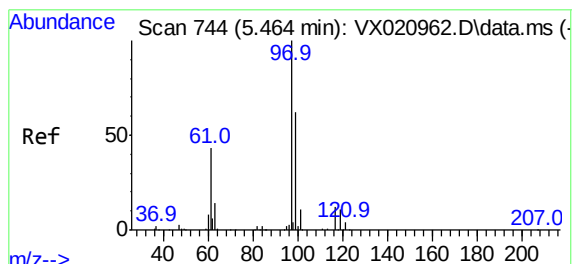
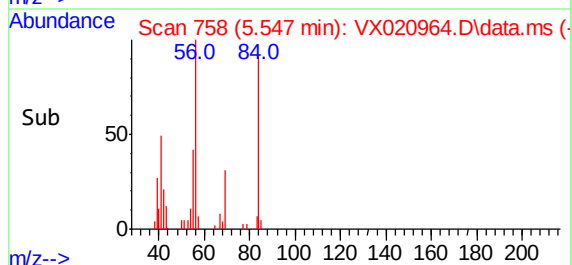
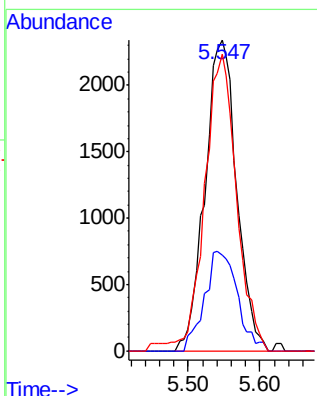
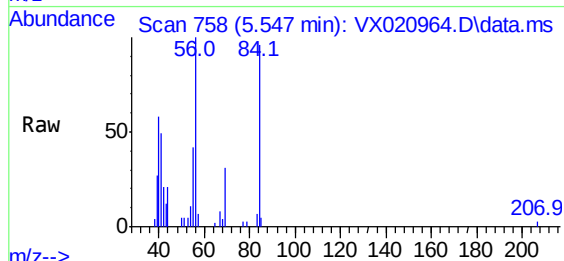




#29
Cyclohexane
Concen: 1.97 ug/L
RT: 5.547 min Scan# 758
Delta R.T. 0.006 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

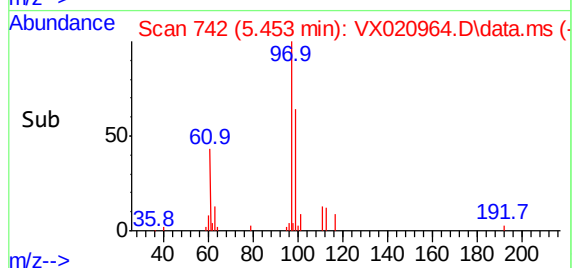
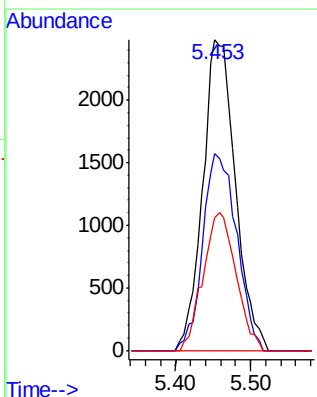
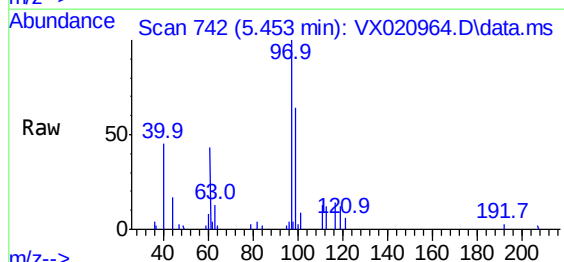
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

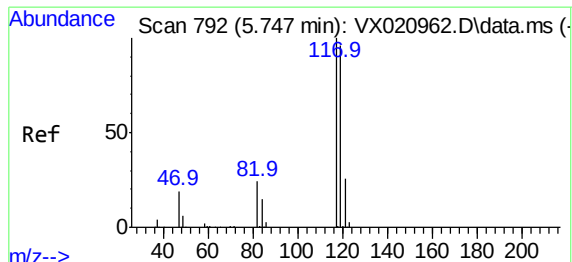
Tgt Ion: 56 Resp: 7191
Ion Ratio Lower Upper
56 100
69 32.5 25.7 38.5
84 95.4 72.4 108.6



#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

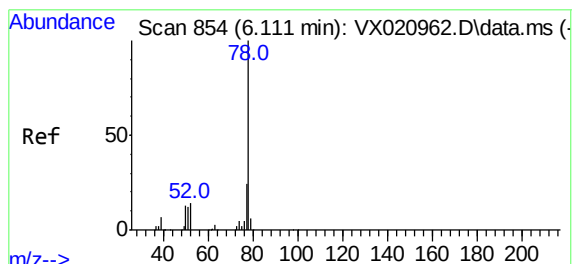
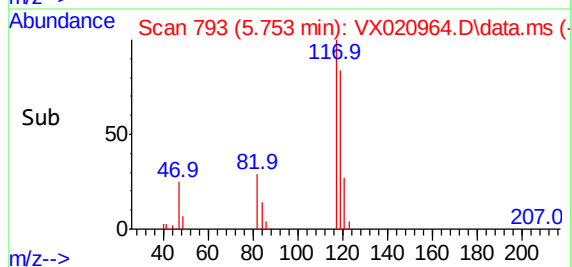
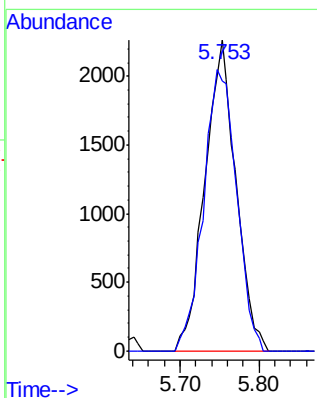
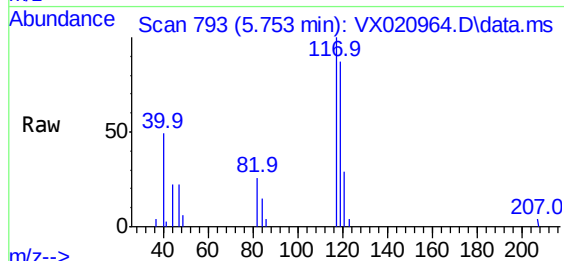




#31
Carbon tetrachloride
Concen: 2.01 ug/L
RT: 5.753 min Scan# 793
Delta R.T. 0.006 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

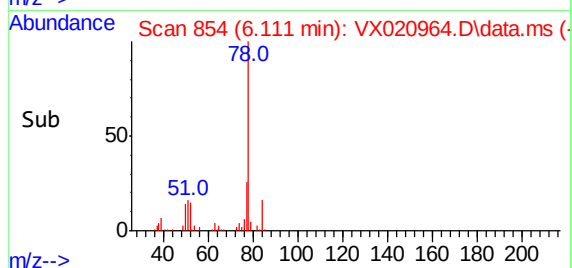
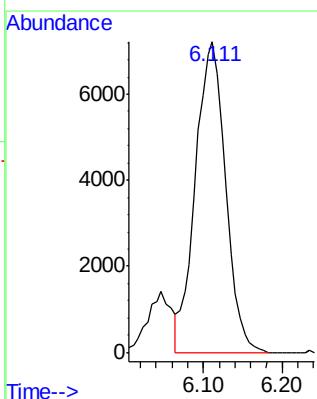
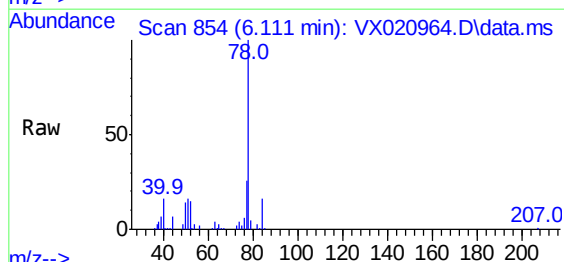
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

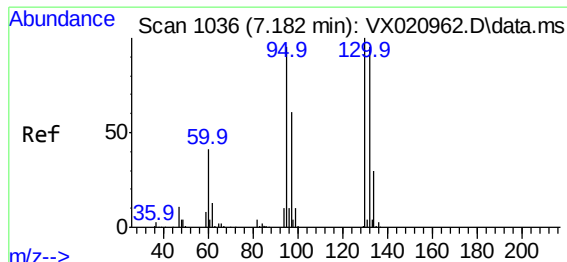
Tgt Ion:117 Resp: 6167
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3



#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

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

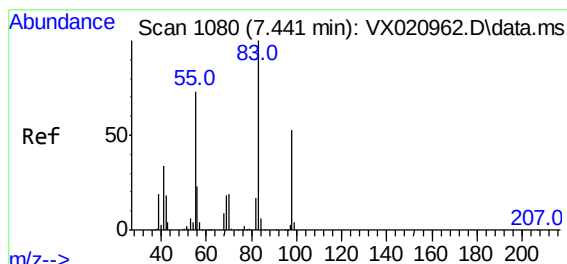
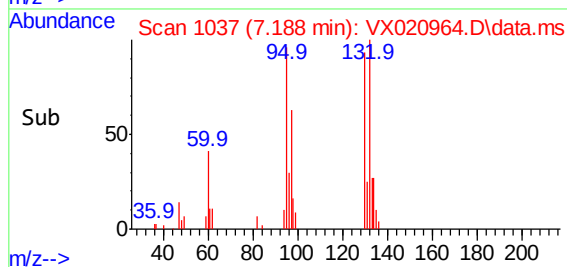
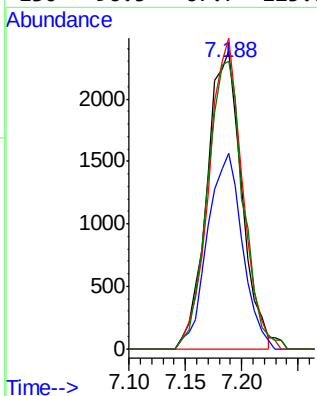
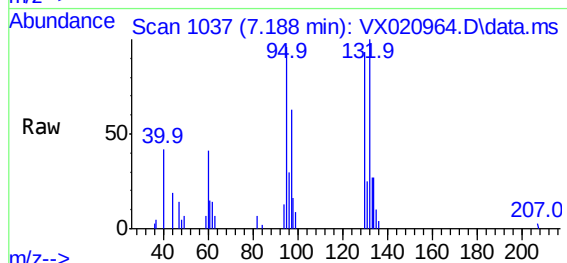
130 96.5 67.7 125.7

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT2-2021-04



#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

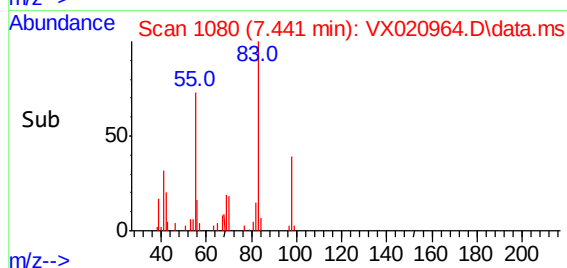
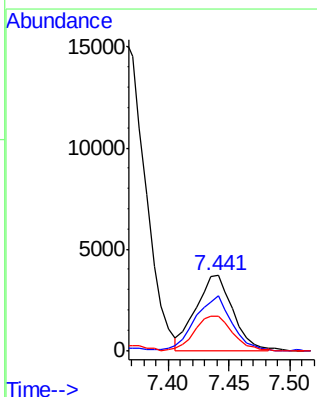
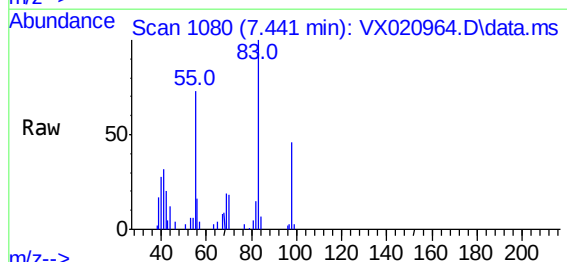
Tgt Ion: 83 Resp: 7783

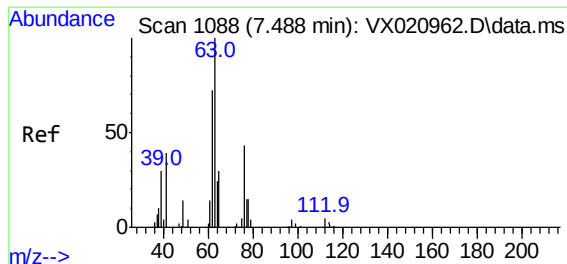
Ion Ratio Lower Upper

83 100

55 72.4 61.2 91.8

98 47.3 38.7 58.1

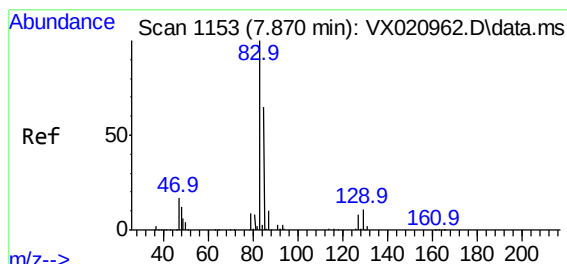
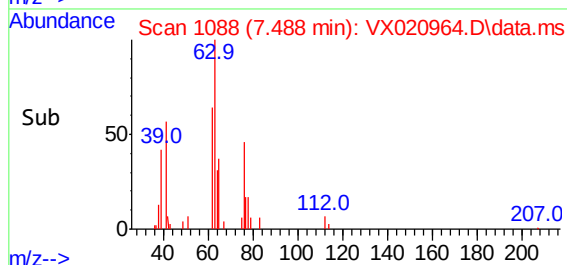
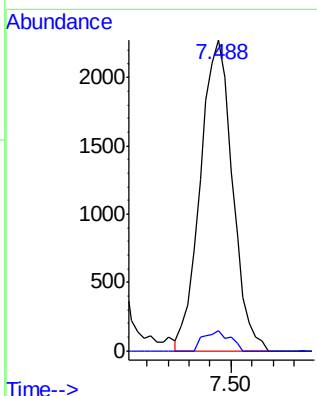
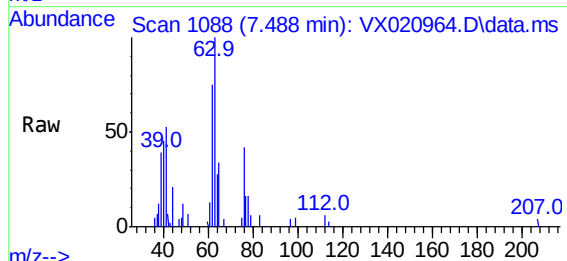




#37
1,2-Dichloropropane
Concen: 2.04 ug/L
RT: 7.488 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

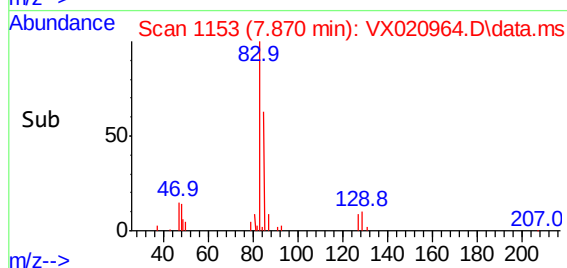
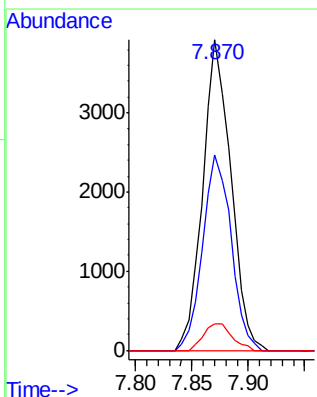
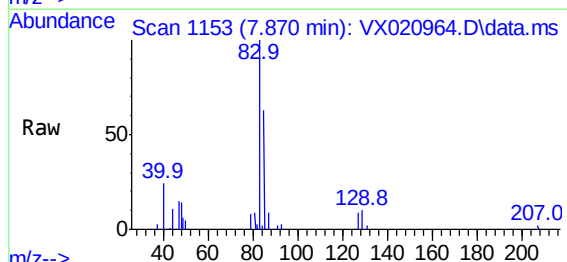
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

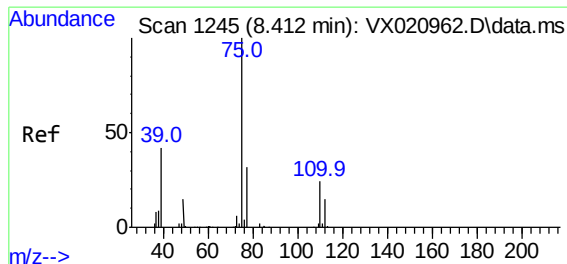
Tgt Ion: 63 Resp: 4818
Ion Ratio Lower Upper
63 100
112 5.4 3.6 5.4



#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



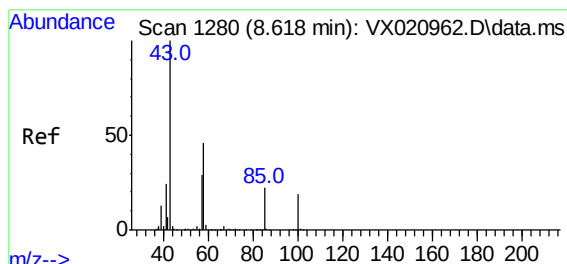
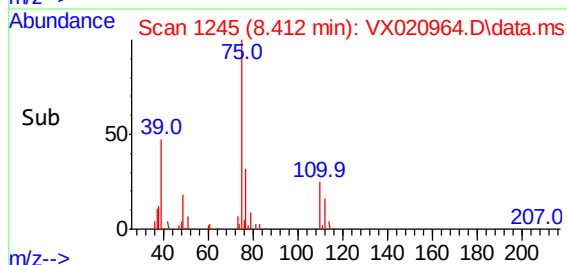
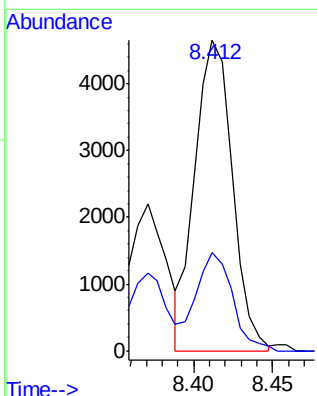
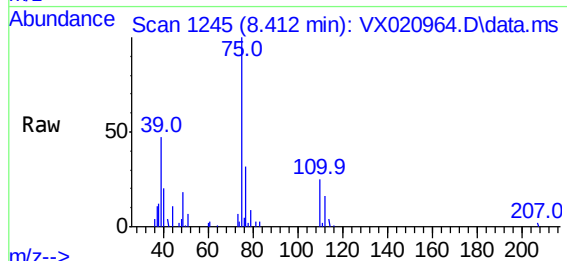


#39
cis-1,3-Dichloropropene
Concen: 1.99 ug/L
RT: 8.412 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

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

Tgt Ion: 75 Resp: 7699

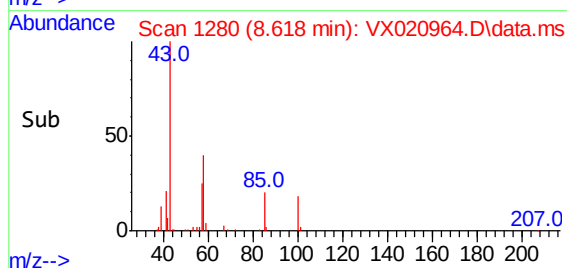
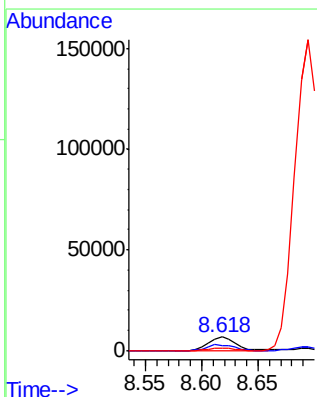
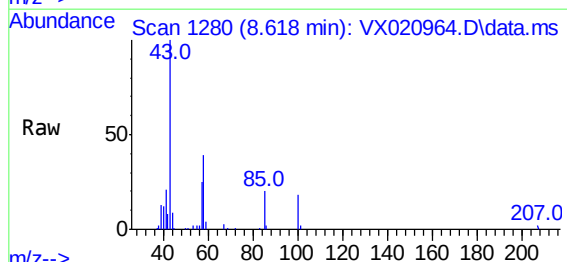
Ion	Ratio	Lower	Upper
75	100		
77	31.7	22.7	42.3

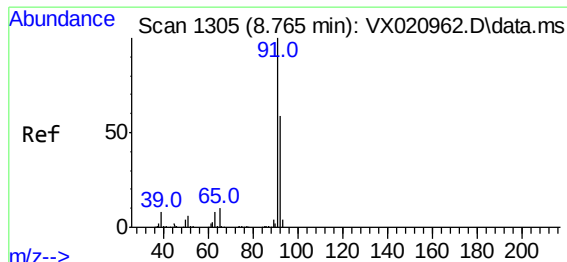


#40
4-Methyl-2-pentanone
Concen: 3.77 ug/L
RT: 8.618 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

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

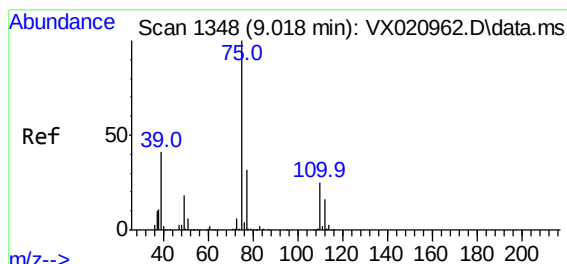
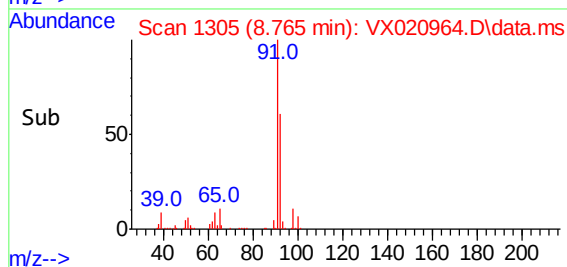
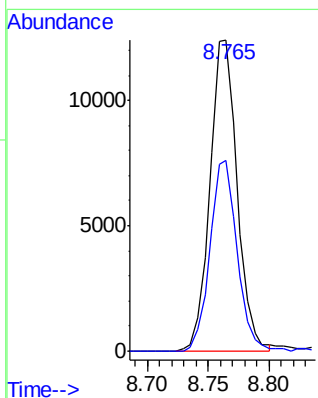
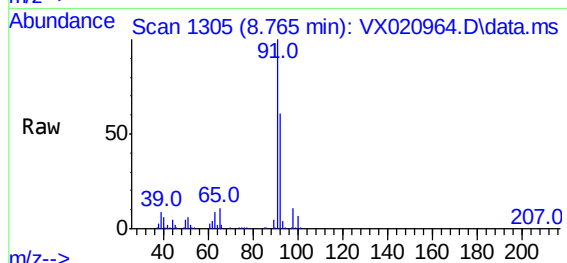
92 61.1 40.5 75.1

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT2-2021-04



#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

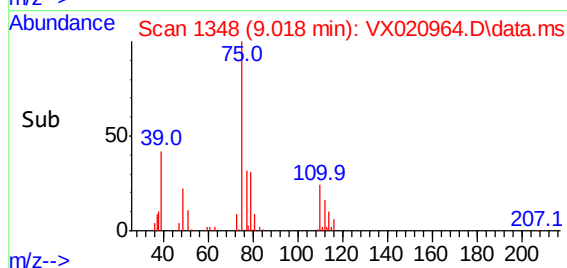
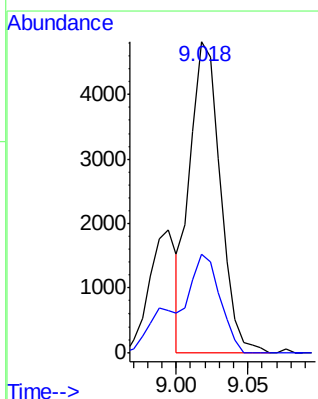
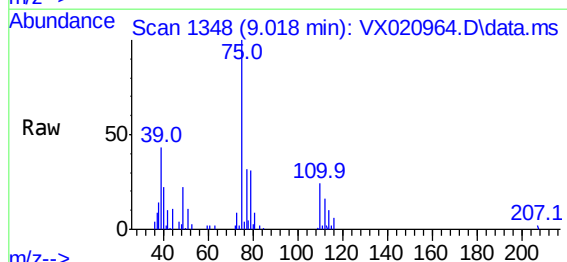
Acq: 02 Mar 2021 11:55

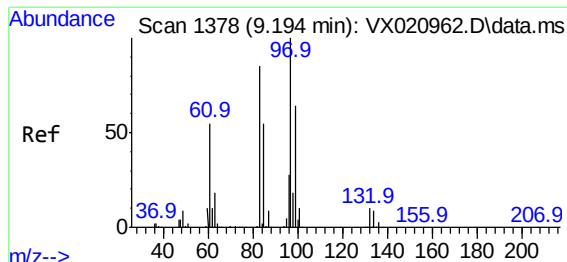
Tgt Ion: 75 Resp: 7083

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

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

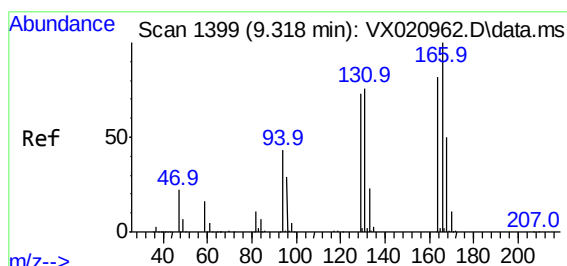
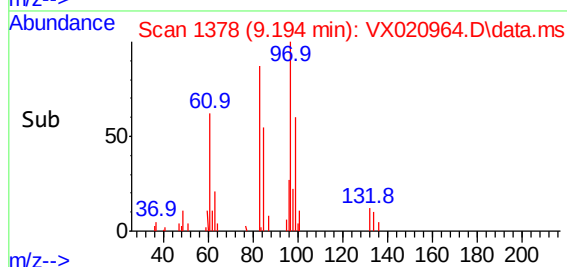
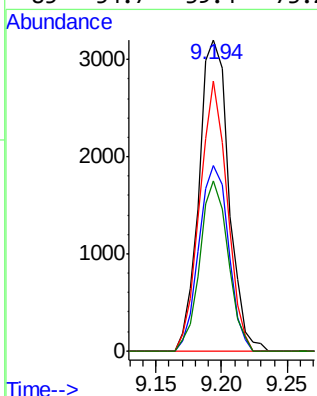
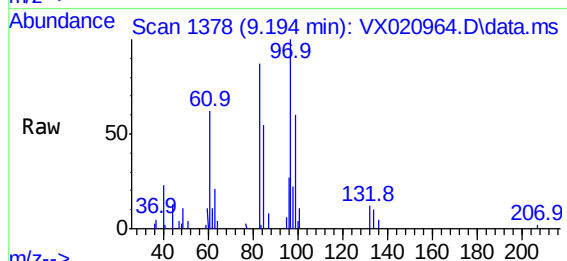
85 54.7 39.4 73.2

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT2-2021-04



#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

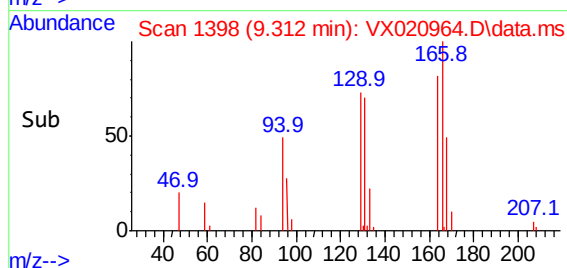
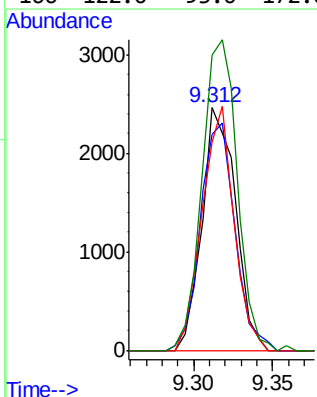
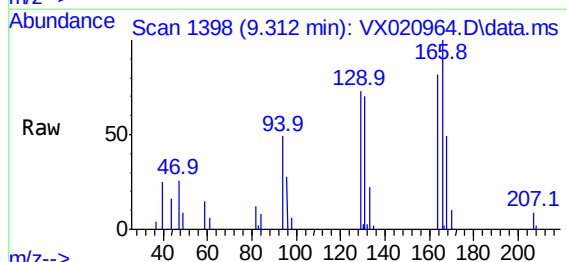
Ion Ratio Lower Upper

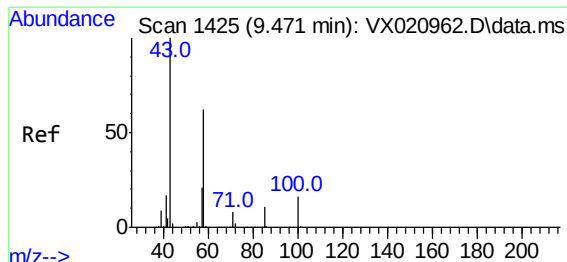
164 100

129 89.0 65.6 121.8

131 85.7 63.7 118.3

166 122.0 93.0 172.6



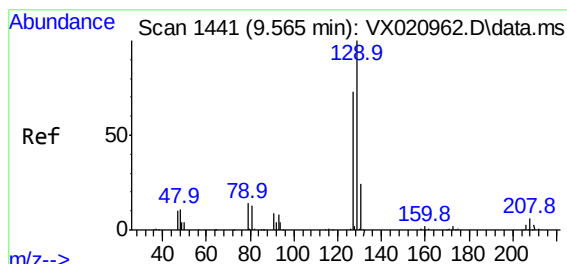
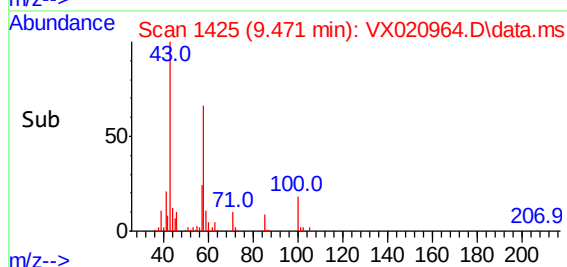
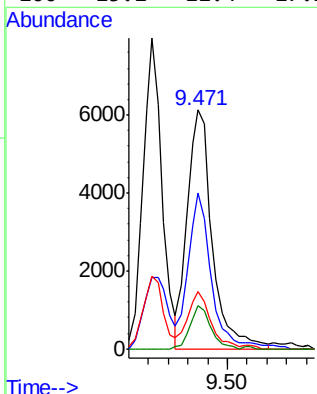
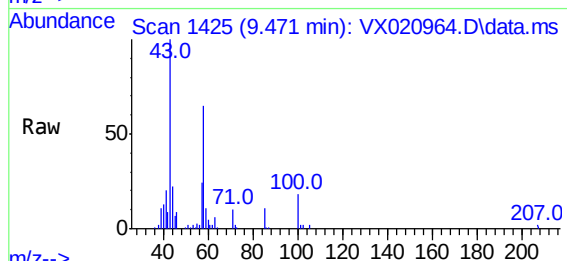


#48
2-Hexanone
Concen: 4.90 ug/L
RT: 9.471 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

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

Tgt Ion: 43 Resp: 10784

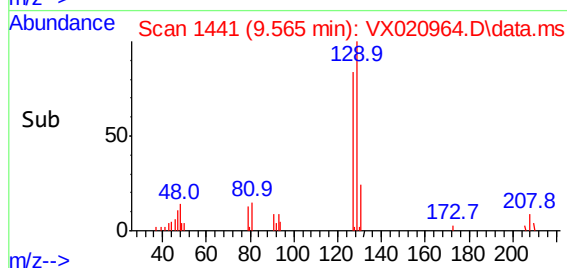
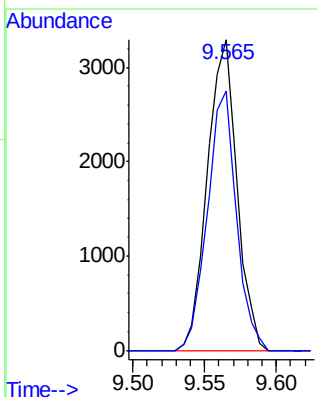
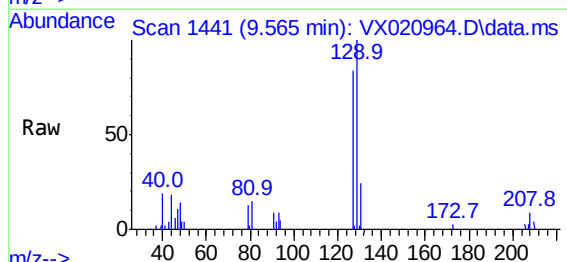
Ion	Ratio	Lower	Upper
43	100		
58	54.0	50.1	75.1
57	22.1	17.3	25.9
100	15.1	11.4	17.2

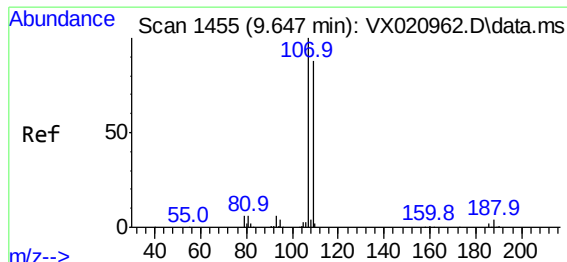


#49
Dibromochloromethane
Concen: 1.91 ug/L
RT: 9.565 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

Tgt Ion: 129 Resp: 4738

Ion	Ratio	Lower	Upper
129	100		
127	83.5	52.5	97.5

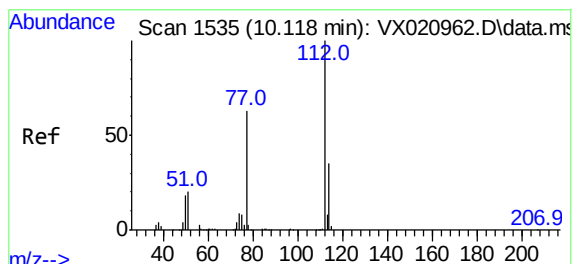
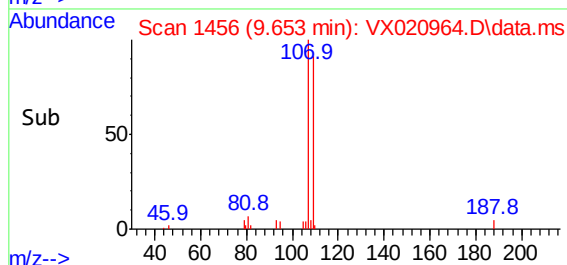
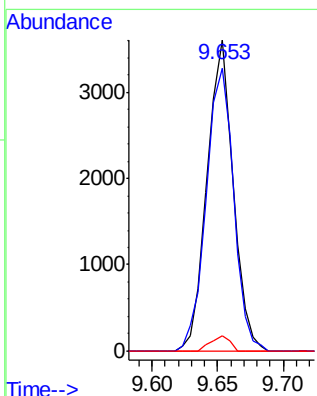
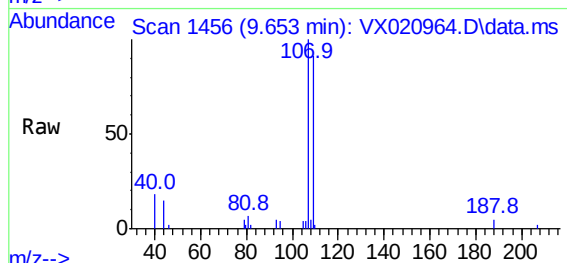




#50
1,2-Dibromoethane
Concen: 1.99 ug/L
RT: 9.653 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

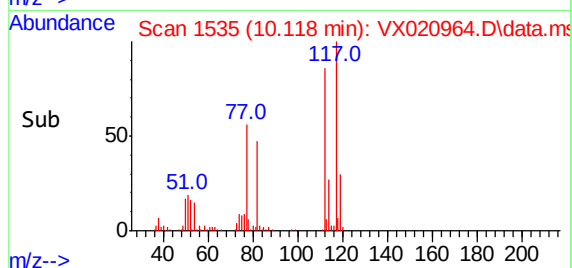
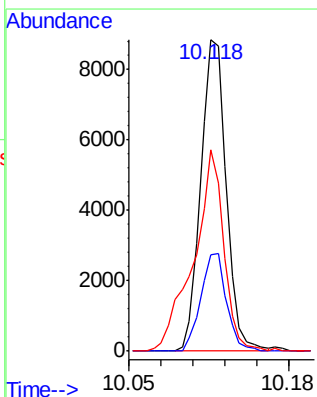
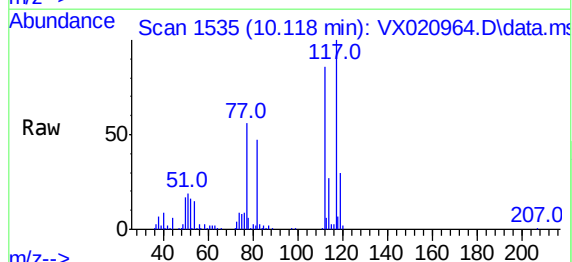
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

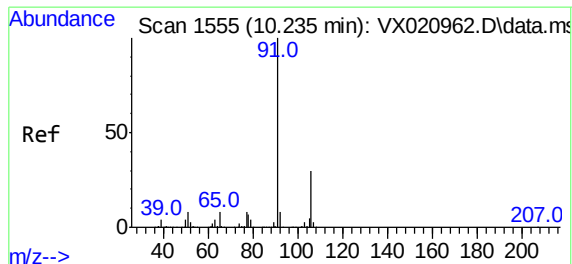
Tgt Ion:107 Resp: 4846
Ion Ratio Lower Upper
107 100
109 91.0 66.4 123.4
188 4.8 3.2 4.8



#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

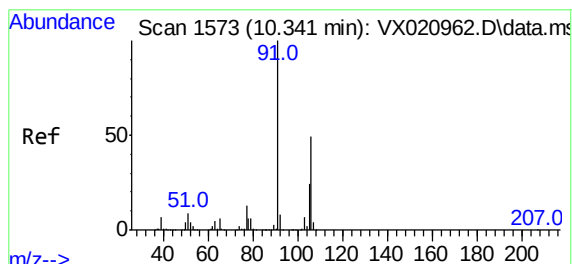
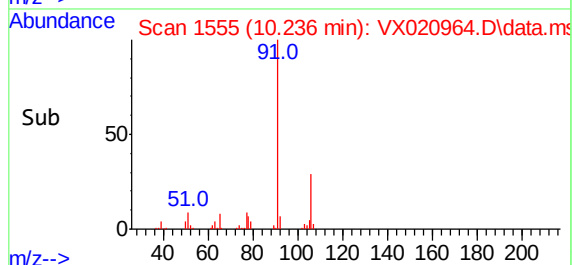
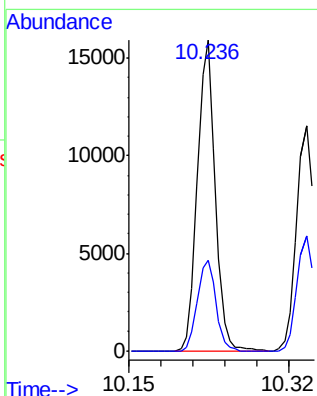
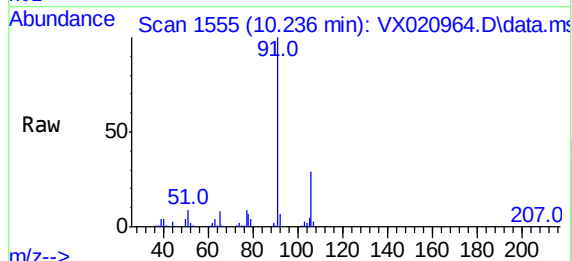




#52
Ethylbenzene
Concen: 1.97 ug/L
RT: 10.236 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

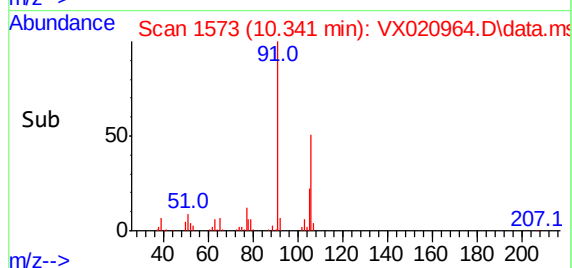
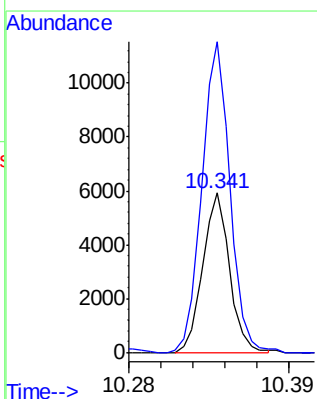
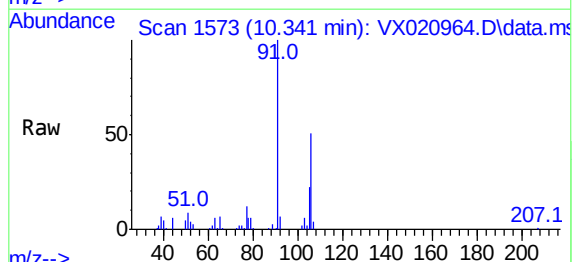
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

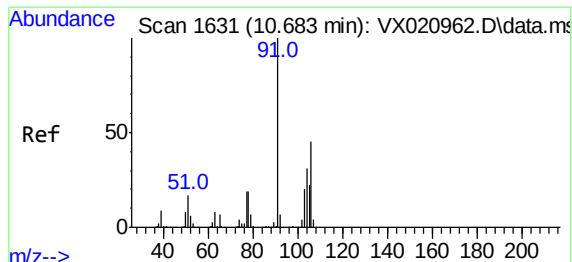
Tgt Ion: 91 Resp: 21276
Ion Ratio Lower Upper
91 100
106 29.2 21.0 39.0



#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

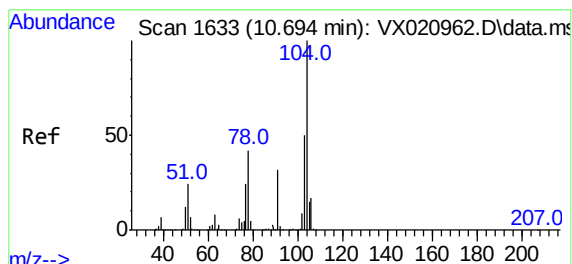
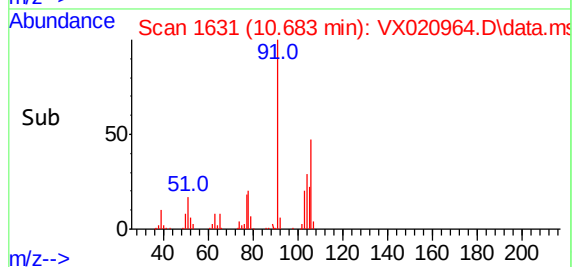
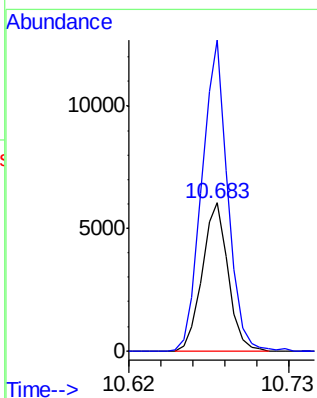
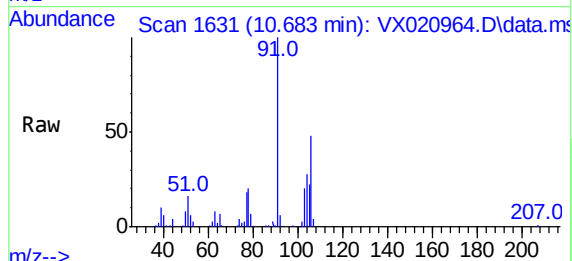




#54
o-Xylene
Concen: 1.90 ug/L
RT: 10.683 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

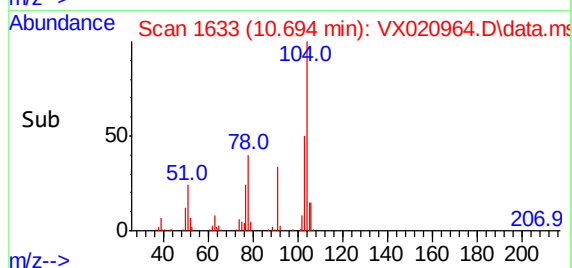
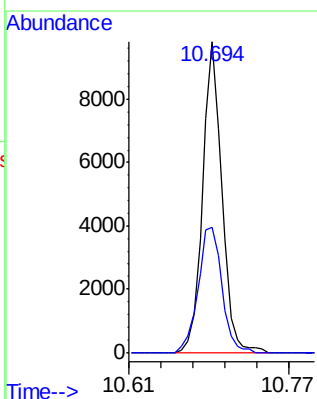
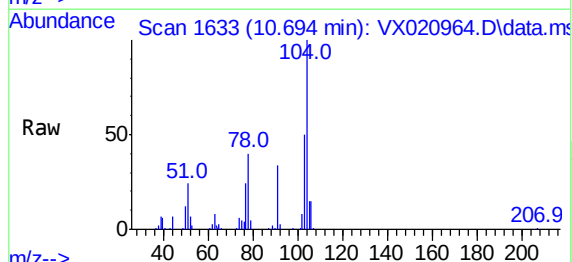
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

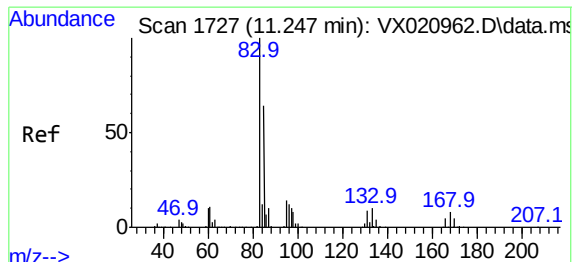
Tgt Ion:106 Resp: 7527
Ion Ratio Lower Upper
106 100
91 210.4 156.2 290.0



#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

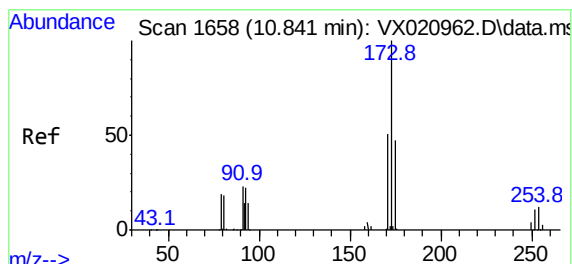
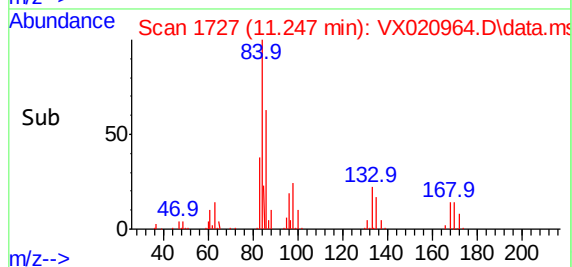
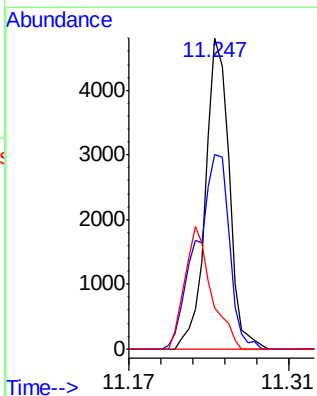
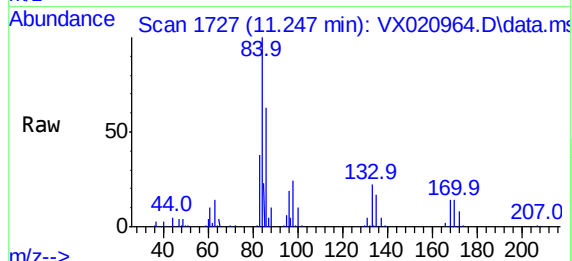




#57
1,1,2,2-Tetrachloroethane
Concen: 2.06 ug/L
RT: 11.247 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

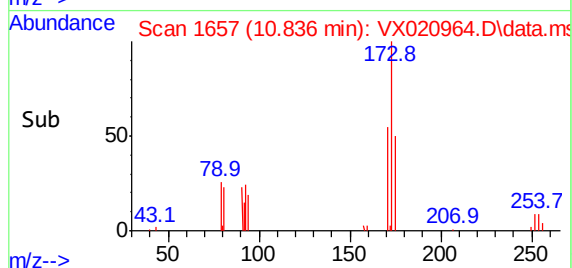
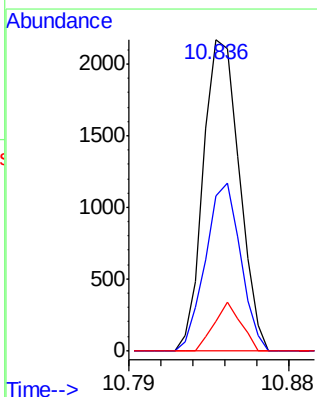
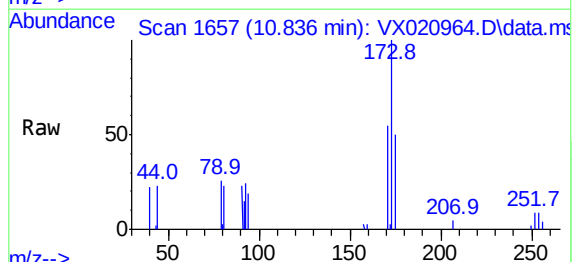
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

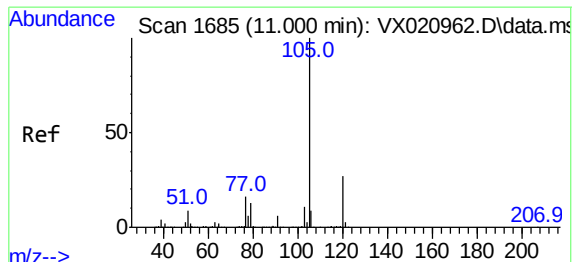
Tgt Ion:	83	Resp:	6913
Ion	Ratio	Lower	Upper
83	100		
85	62.4	44.7	82.9
131	13.2	7.8	11.8#



#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

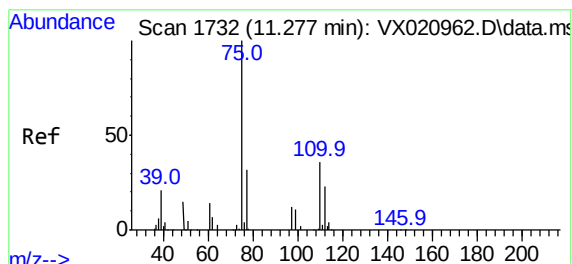
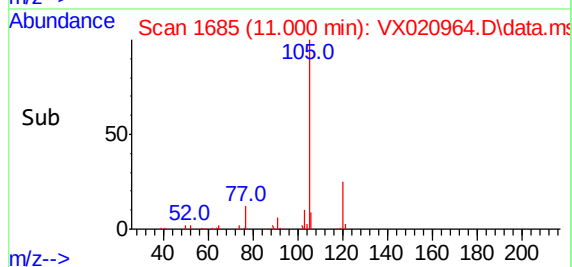
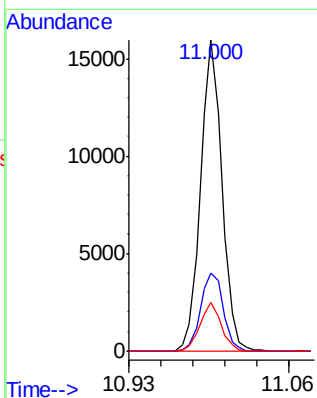
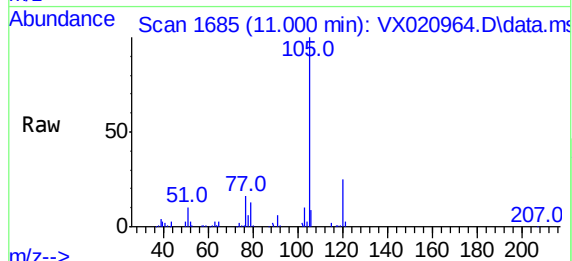




#60
Isopropylbenzene
Concen: 2.12 ug/L
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

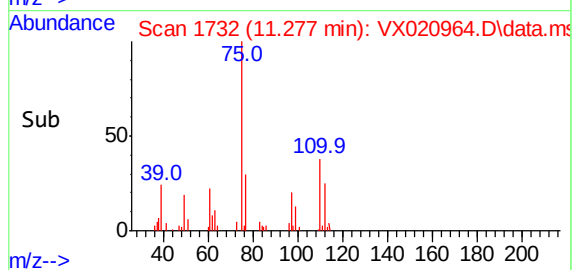
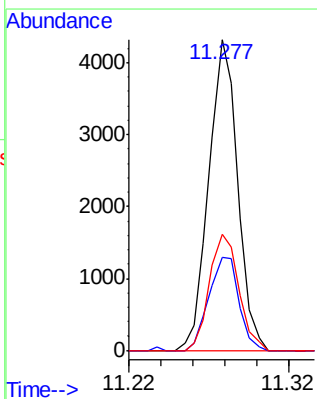
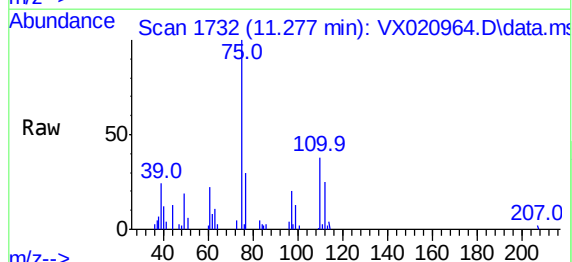
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

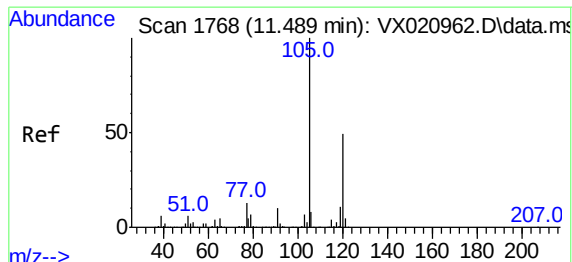
Tgt Ion:	105	Resp:	19583
Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.2	31.8
77	15.4	12.6	18.8



#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

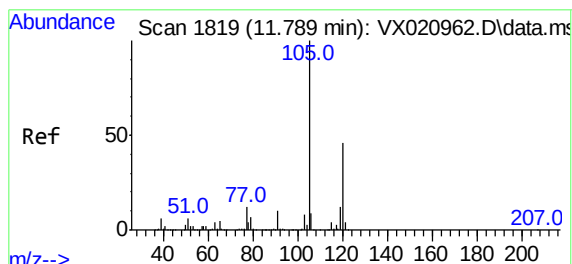
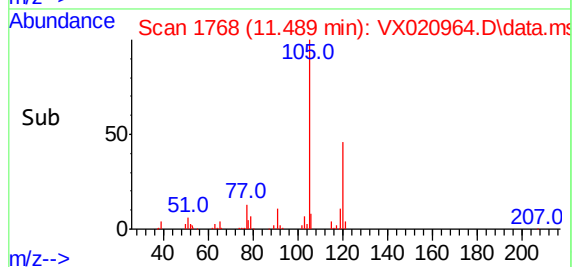
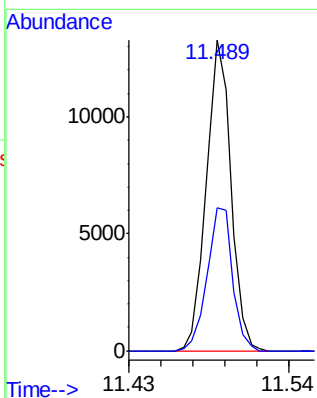
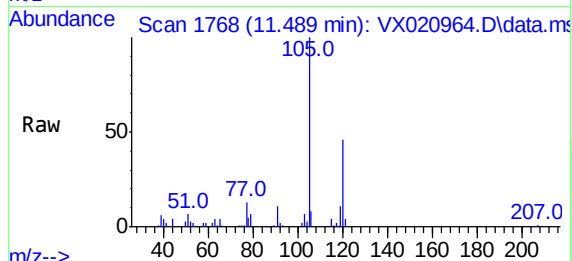




#62
1,3,5-Trimethylbenzene
Concen: 2.10 ug/L
RT: 11.489 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

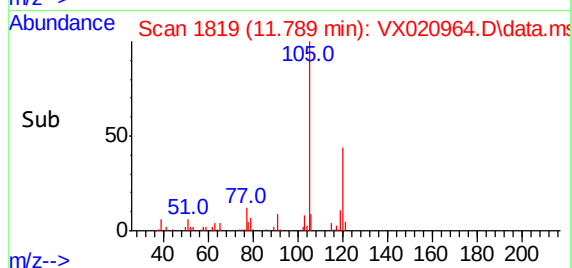
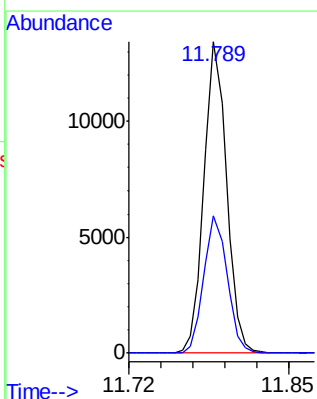
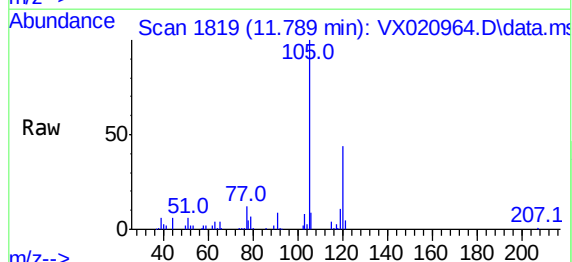
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

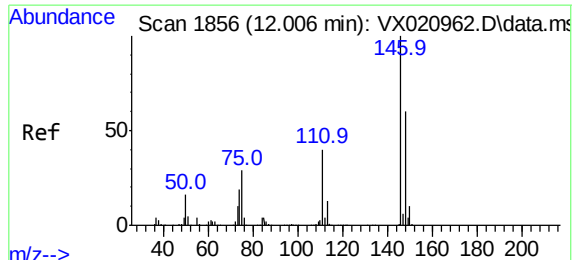
Tgt Ion:105 Resp: 15871
Ion Ratio Lower Upper
105 100
120 47.7 38.0 57.0



#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

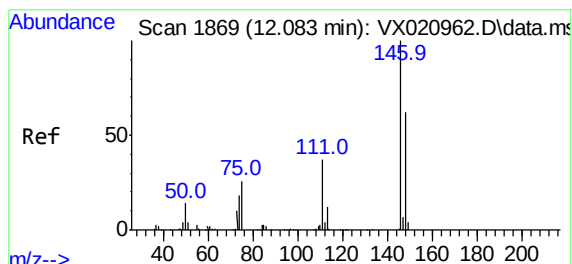
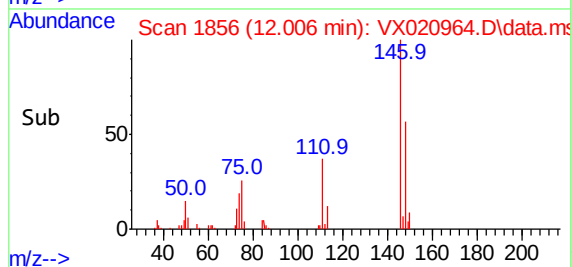
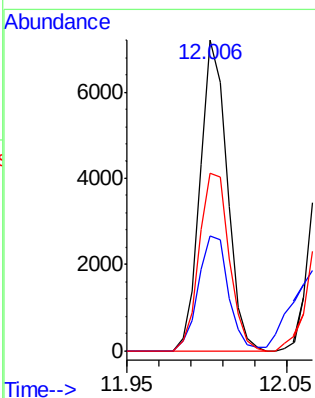
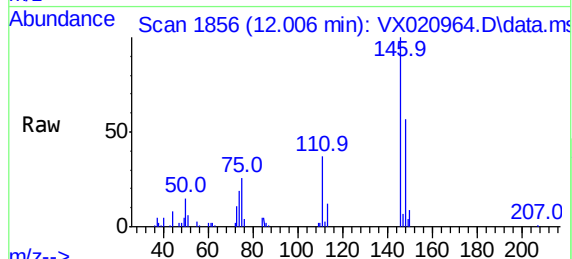




#64
1,3-Dichlorobenzene
Concen: 2.15 ug/L
RT: 12.006 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

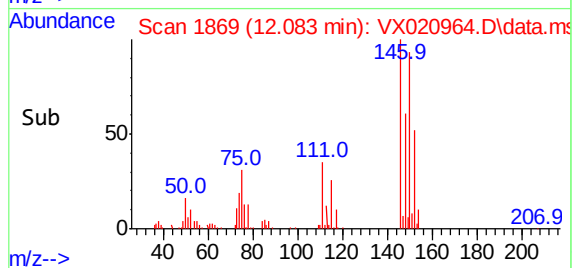
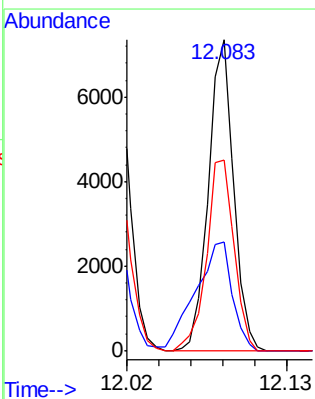
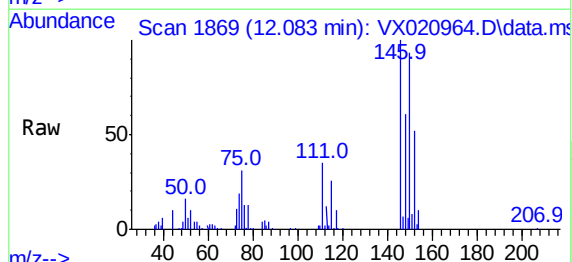
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

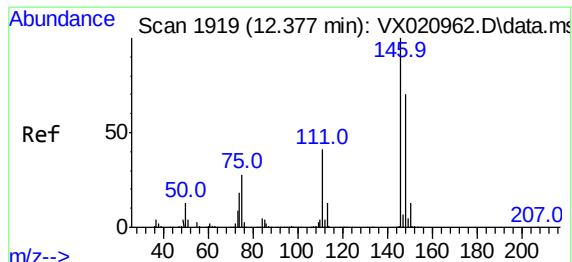
Tgt Ion:146 Resp: 8516
Ion Ratio Lower Upper
146 100
111 37.0 28.9 53.7
148 57.3 47.7 88.7



#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

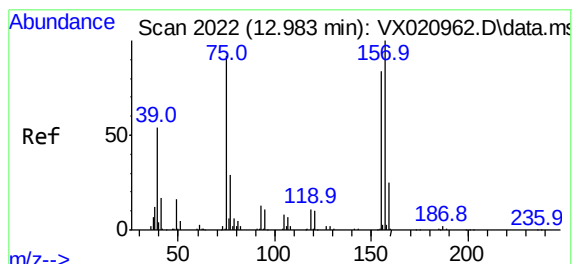
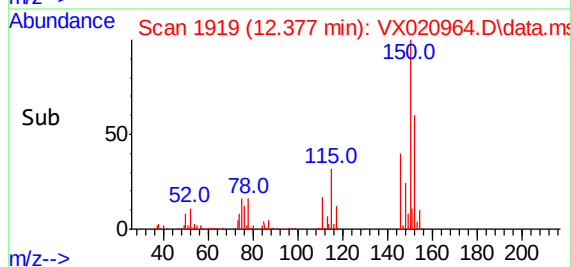
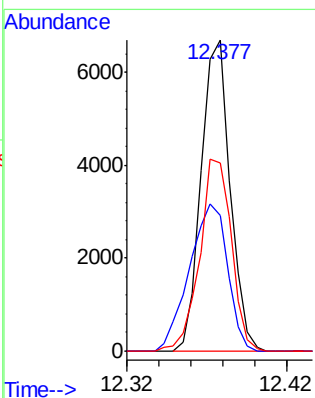
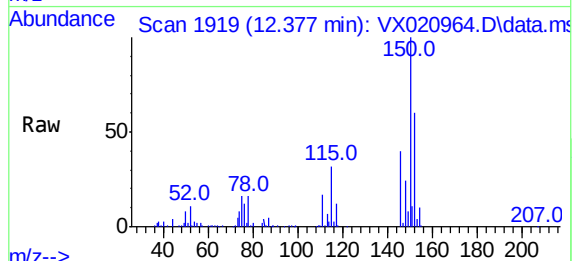




#67
1,2-Dichlorobenzene
Concen: 2.18 ug/L
RT: 12.377 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

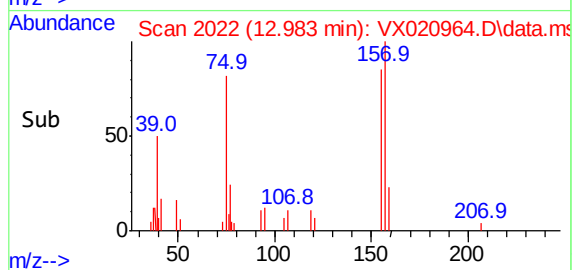
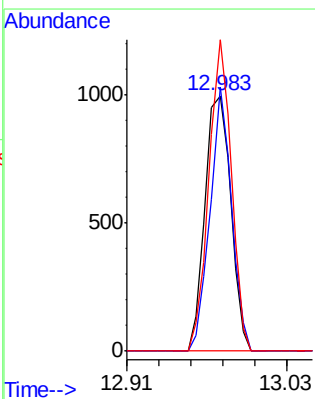
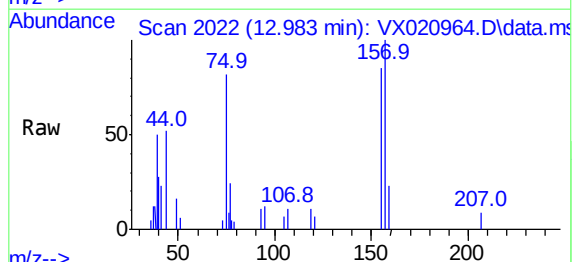
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

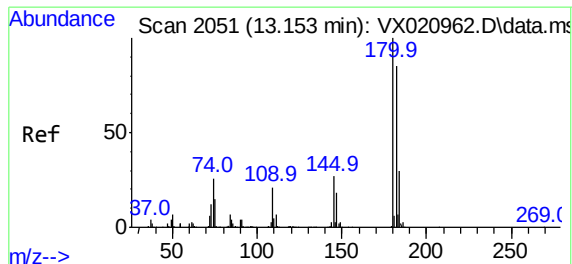
Tgt Ion:146 Resp: 8531
Ion Ratio Lower Upper
146 100
111 43.7 33.8 50.8
148 60.6 51.4 77.2



#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#

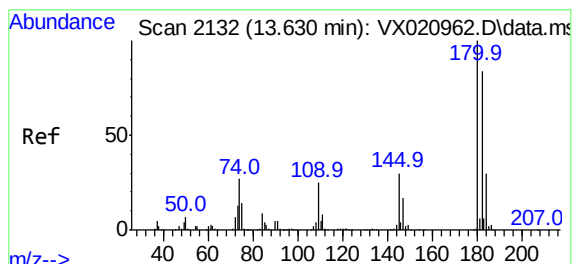
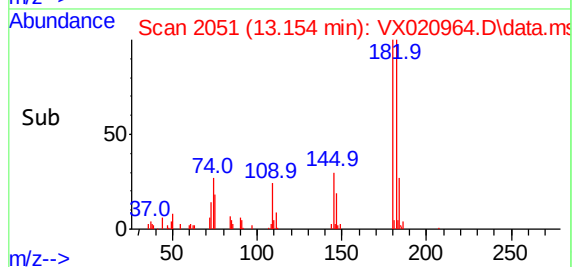
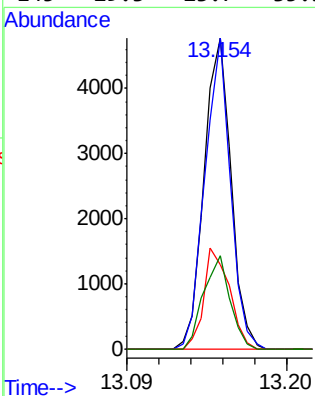
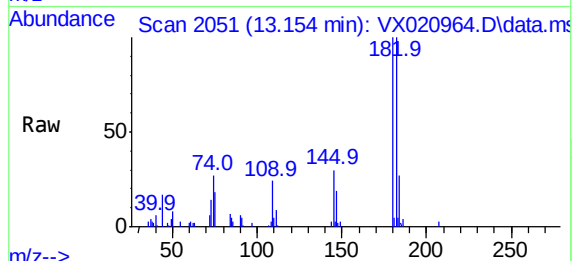




#69
1,3,5-Trichlorobenzene
Concen: 2.09 ug/L
RT: 13.154 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

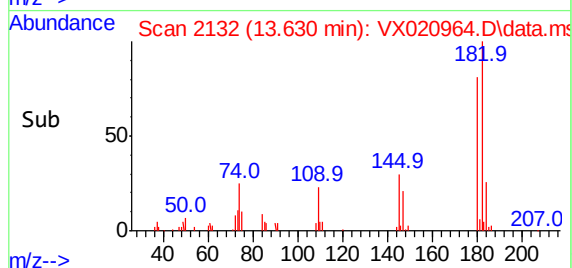
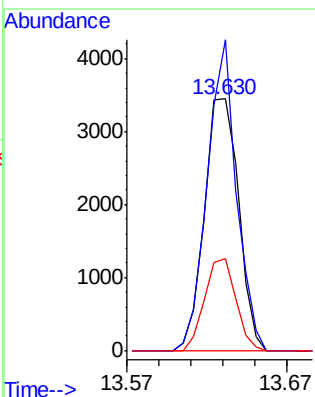
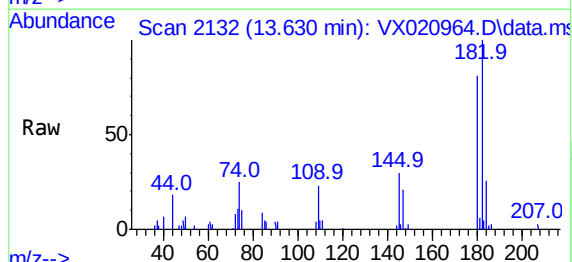
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

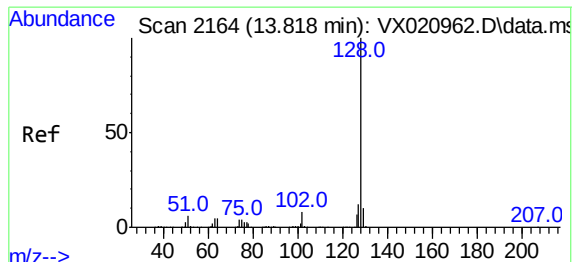
Tgt Ion:	180	Resp:	5628
Ion	Ratio	Lower	Upper
180	100		
182	94.5	74.8	112.2
184	30.9	24.1	36.1
145	29.3	23.7	35.5



#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

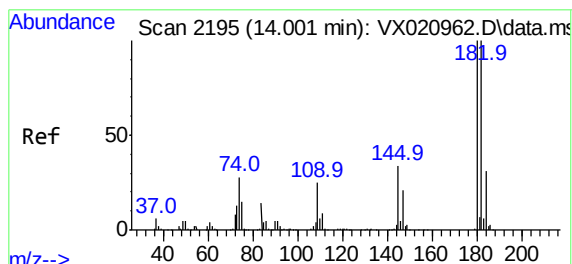
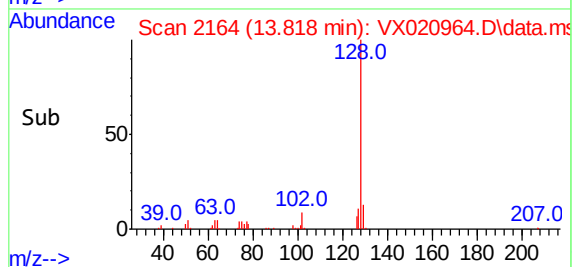
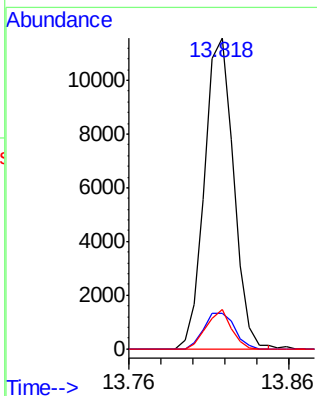
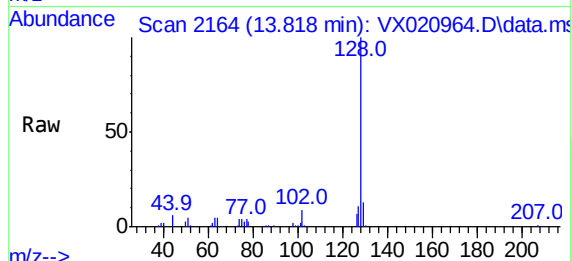




#71
Naphthalene
Concen: 1.71 ug/L
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX020964.D
Acq: 02 Mar 2021 11:55

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

