

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122222\
 Data File : VX033550.D
 Acq On : 22 Dec 2022 17:48
 Operator : JC/MD
 Sample : N4519-05
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT4-2022-07

Quant Time: Dec 23 05:06:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 23 04:40:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	235033	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	206557	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	96974	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	58512	46.800	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.600%
7) Chloroethane-d5	1.672	69	48417	49.516	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.040%
11) 1,1-Dichloroethene-d2	2.306	63	100639	50.416	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.840%
21) 2-Butanone-d5	4.458	46	97097	106.912	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.910%
24) Chloroform-d	5.062	84	153879	49.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.300%
26) 1,2-Dichloroethane-d4	5.952	65	100691	52.394	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.780%
32) Benzene-d6	5.976	84	304156	51.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.120%
36) 1,2-Dichloropropane-d6	7.312	67	91495	53.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.180%
41) Toluene-d8	8.647	98	291573	50.926	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.860%
43) trans-1,3-Dichloroprop...	8.952	79	42427	50.921	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.840%
47) 2-Hexanone-d5	9.384	63	78047	110.466	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.470%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	122644	51.897	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	12.323	152	109192	54.281	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1073	1.892	ug/L #	88
3) Chloromethane	1.294	50	1496	2.100	ug/L	86
5) Vinyl chloride	1.374	62	2073	2.203	ug/L #	36
6) Bromomethane	1.618	94	1168	2.086	ug/L	99
8) Chloroethane	1.691	64	1279	2.043	ug/L #	75
9) Trichlorofluoromethane	1.892	101	3123	2.005	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	3448	3.479	ug/L #	79
12) 1,1-Dichloroethene	2.325	96	3094	3.472	ug/L #	1
13) Acetone	2.398	43	2955	5.065	ug/L	98
14) Carbon disulfide	2.514	76	6112	2.254	ug/L	96
15) Methyl Acetate	2.709	43	2327	1.995	ug/L	99
17) trans-1,2-Dichloroethene	3.099	96	2586	1.959	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	8104	1.937	ug/L	97
19) 1,1-Dichloroethane	3.605	63	4706	2.054	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	3090	1.997	ug/L	97
22) 2-Butanone	4.580	43	3997m	4.160	ug/L	
23) Bromochloromethane	4.904	128	1589	1.919	ug/L	95
27) 1,2-Dichloroethane	6.098	62	4325	2.130	ug/L #	93
29) Cyclohexane	5.477	56	3658	1.812	ug/L #	89

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

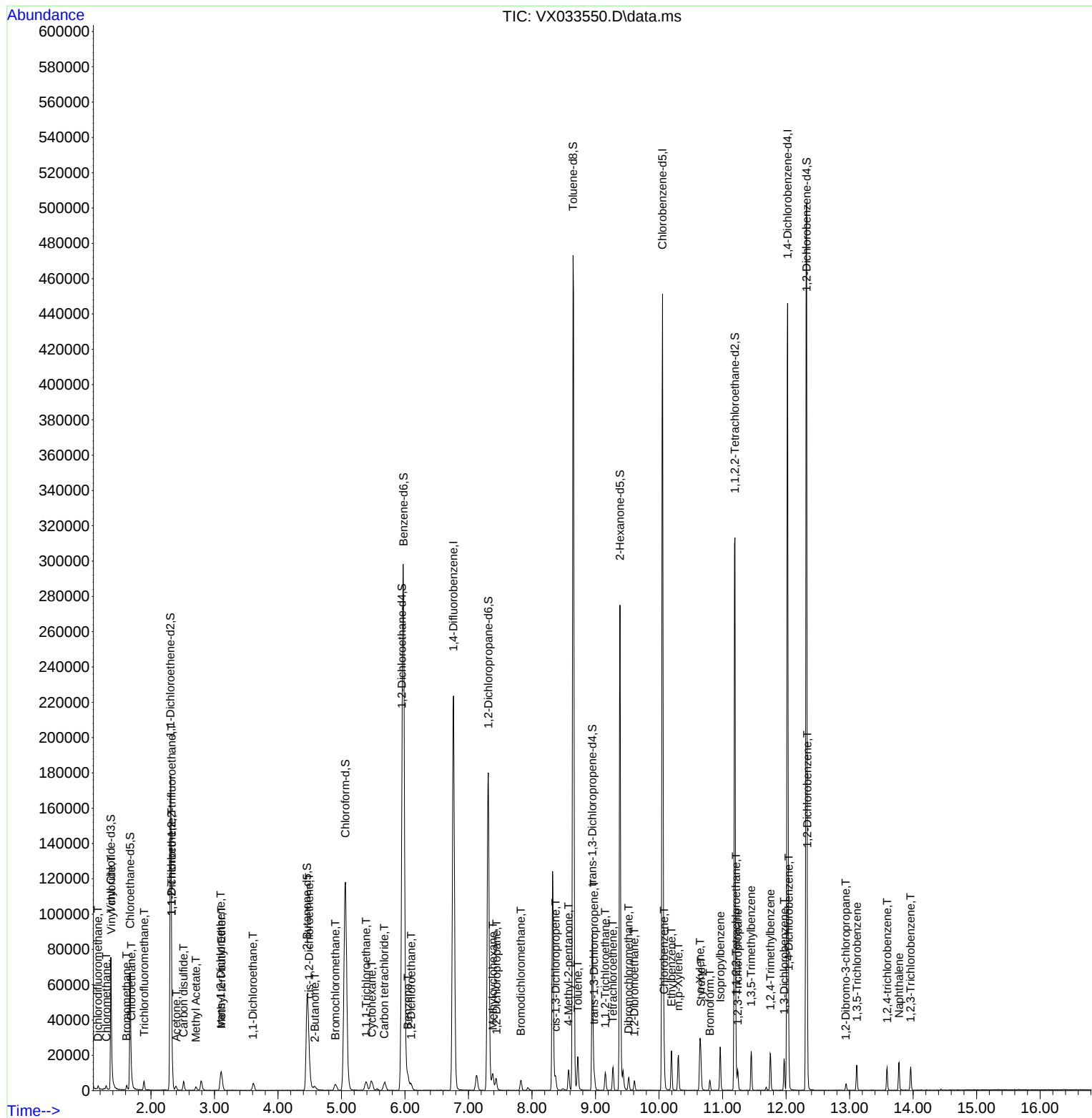
30) 1,1,1-Trichloroethane	5.385	97	4817	2.005	ug/L #	84
31) Carbon tetrachloride	5.672	117	4307	2.020	ug/L	98
33) Benzene	6.044	78	10723	1.953	ug/L	100
35) Methylcyclohexane	7.385	83	4385	1.955	ug/L	99
37) 1,2-Dichloropropane	7.440	63	3012	2.225	ug/L #	85
38) Bromodichloromethane	7.824	83	4007	2.006	ug/L	92
39) cis-1,3-Dichloropropene	8.372	75	4155	1.889	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	7067	4.215	ug/L	98
42) Toluene	8.720	91	12489	2.013	ug/L	95
44) trans-1,3-Dichloropropene	8.976	75	4086	1.979	ug/L	93
45) 1,1,2-Trichloroethane	9.153	97	2800	1.911	ug/L	86
46) Tetrachloroethene	9.275	164	2732	2.115	ug/L	87
49) Dibromochloromethane	9.519	129	3387	1.979	ug/L	86
50) 1,2-Dibromoethane	9.610	107	3143	1.987	ug/L	99
51) Chlorobenzene	10.079	112	8387	2.037	ug/L	99
52) Ethylbenzene	10.195	91	13387	1.969	ug/L	98
53) m,p-Xylene	10.305	106	5140	1.896	ug/L	99
54) o-Xylene	10.646	106	4973	1.876	ug/L	96
55) Styrene	10.659	104	7941	1.777	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	4977	2.323	ug/L	98
59) Bromoform	10.799	173	2252	1.994	ug/L	97
60) Isopropylbenzene	10.963	105	13055	2.036	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	3599	2.356	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	10339	1.898	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	10244	1.913	ug/L	95
64) 1,3-Dichlorobenzene	11.969	146	5969	2.038	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	6349	2.143	ug/L	91
67) 1,2-Dichlorobenzene	12.335	146	6350	2.197	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.939	75	891m	2.170	ug/L	
69) 1,3,5-Trichlorobenzene	13.115	180	4065	2.074	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	3574	2.013	ug/L	94
71) Naphthalene	13.780	128	10794	1.861	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	3648	2.059	ug/L	97

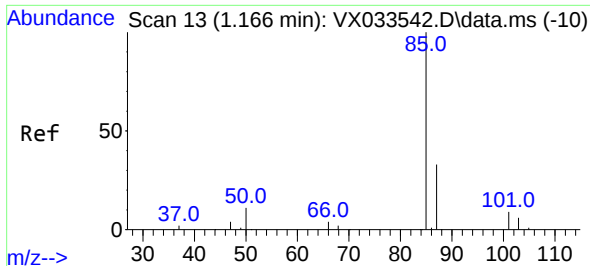
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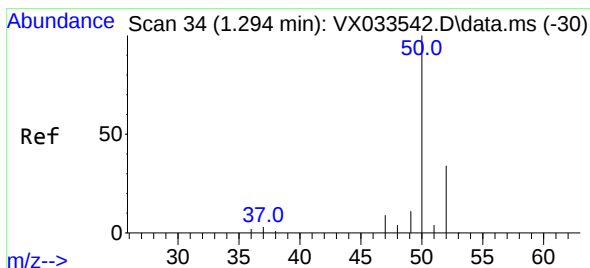
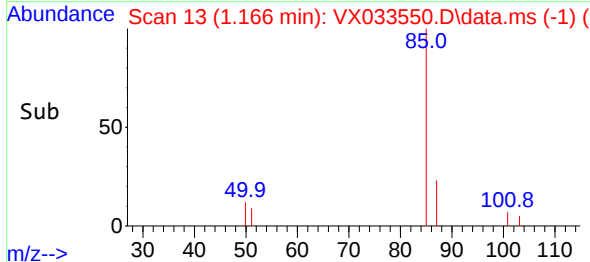
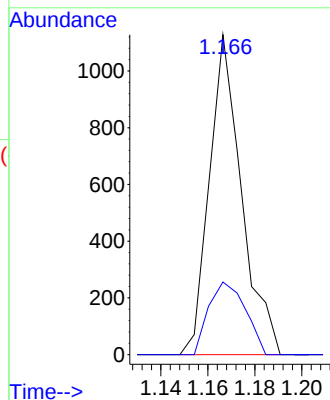
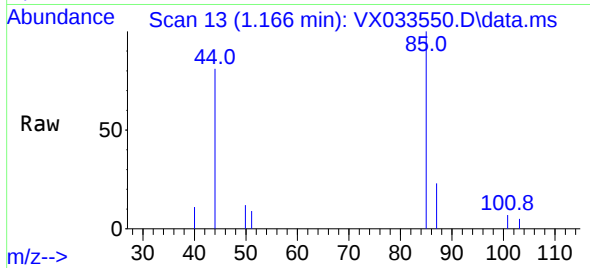




#2
Dichlorodifluoromethane
Concen: 1.892 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

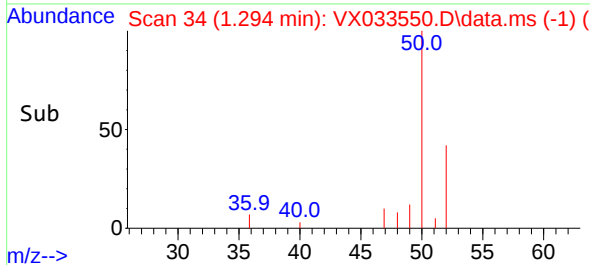
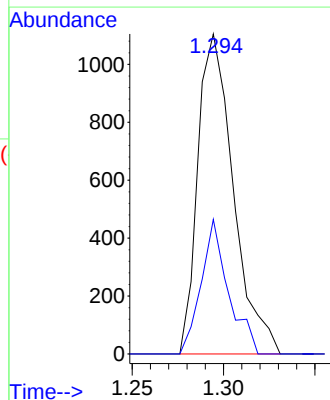
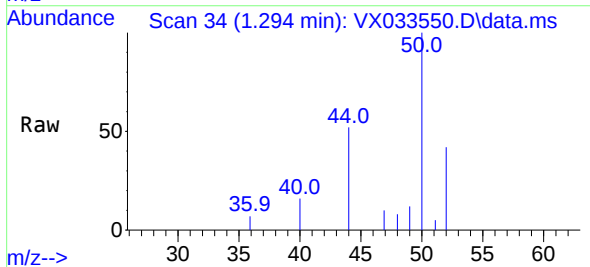
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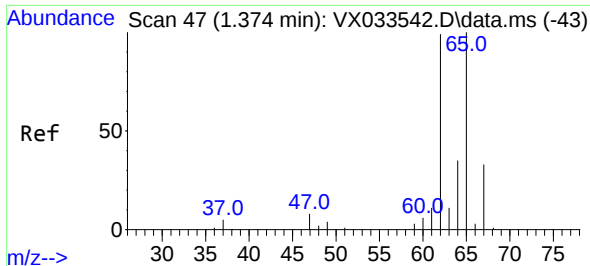
Tgt Ion: 85 Resp: 1073
Ion Ratio Lower Upper
85 100
87 26.0 26.1 39.1#



#3
Chloromethane
Concen: 2.100 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Tgt Ion: 50 Resp: 1496
Ion Ratio Lower Upper
50 100
52 42.1 23.7 43.9

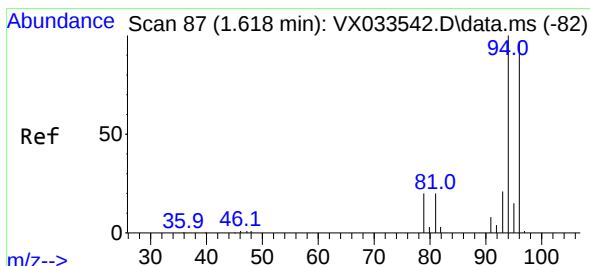
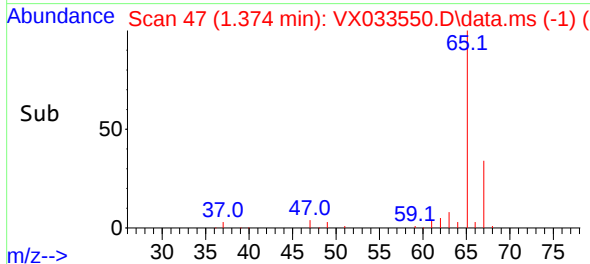
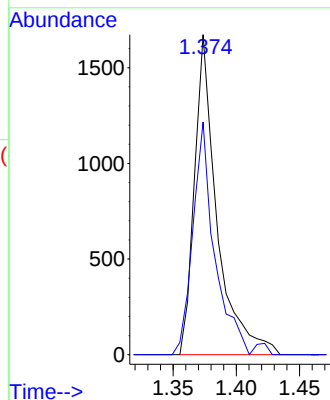
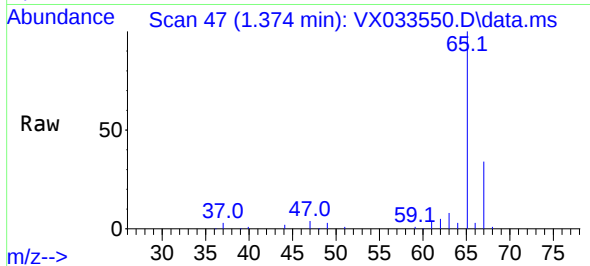




#5
 Vinyl chloride
 Concen: 2.203 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033550.D
 Acq: 22 Dec 2022 17:48

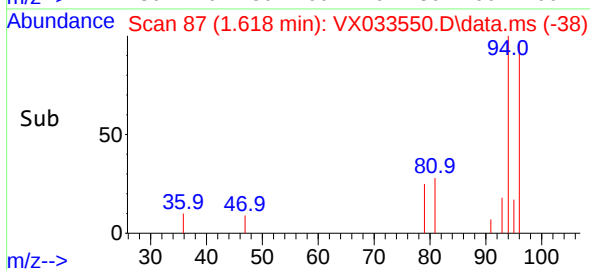
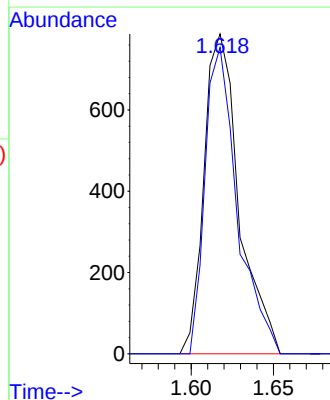
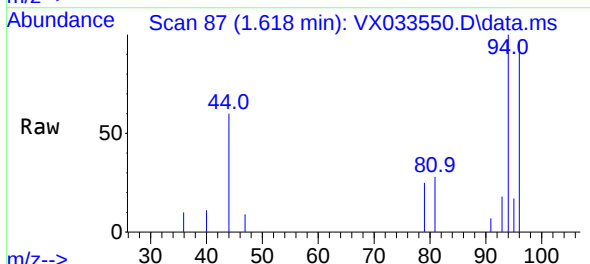
Instrument :
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 ClientSampleId :
 MDL-MED-SOIL-QT4-2022-07

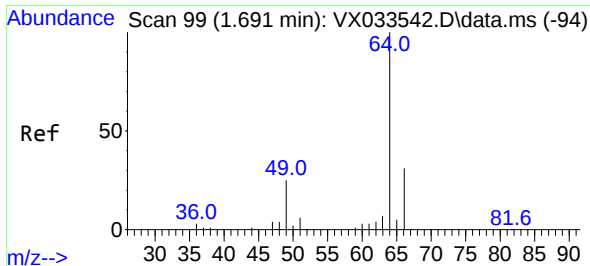
Tgt Ion: 62 Resp: 2073
 Ion Ratio Lower Upper
 62 100
 64 72.7 24.8 46.1#



#6
 Bromomethane
 Concen: 2.086 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX033550.D
 Acq: 22 Dec 2022 17:48

Tgt Ion: 94 Resp: 1168
 Ion Ratio Lower Upper
 94 100
 96 95.8 68.0 126.2

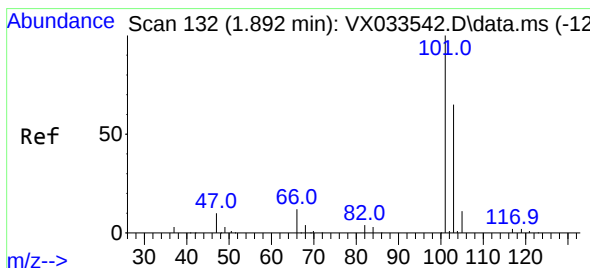
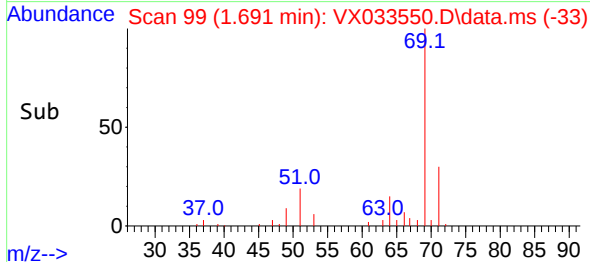
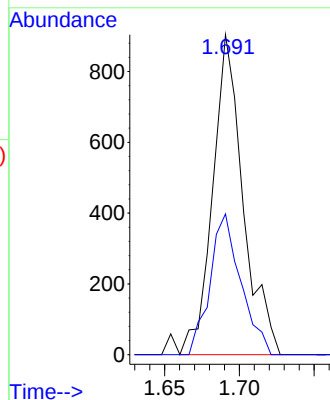
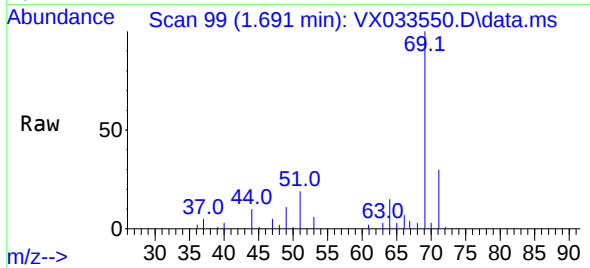




#8
Chloroethane
Concen: 2.043 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

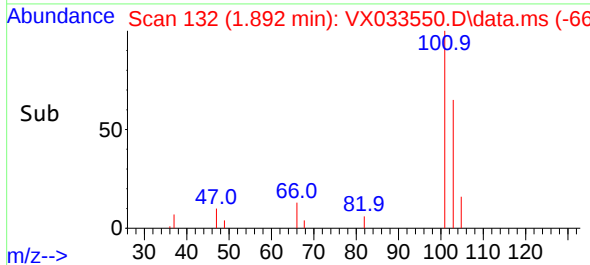
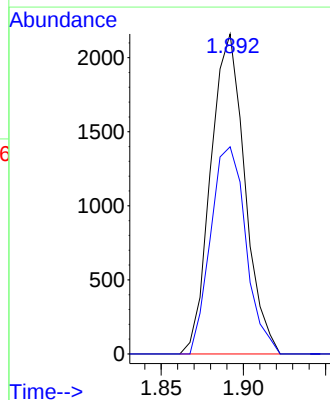
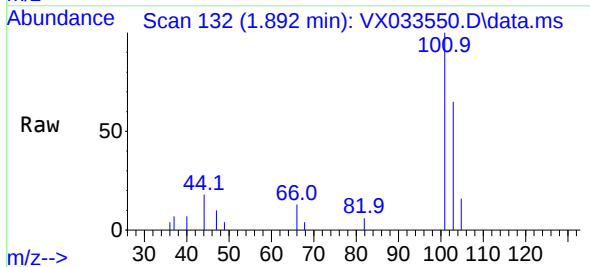
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT4-2022-07

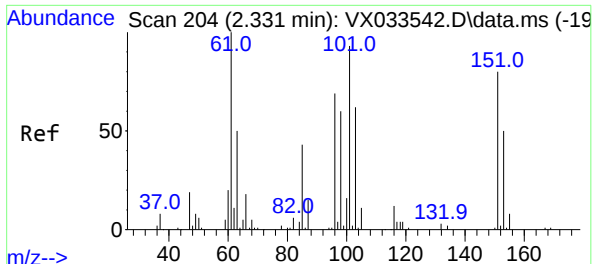
Tgt Ion: 64 Resp: 1279
Ion Ratio Lower Upper
64 100
66 44.0 21.3 39.6#



#9
Trichlorofluoromethane
Concen: 2.005 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Tgt Ion:101 Resp: 3123
Ion Ratio Lower Upper
101 100
103 67.0 51.8 77.6

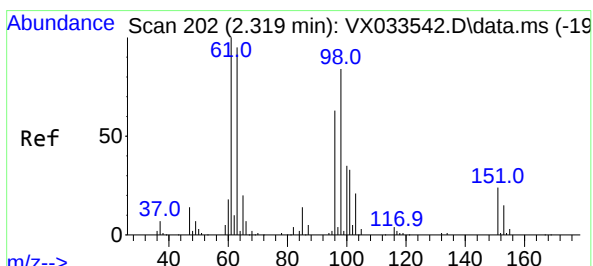
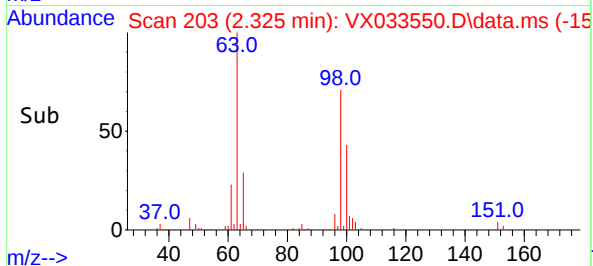
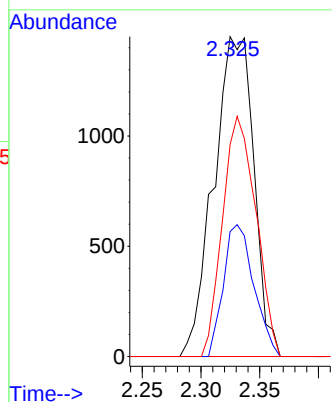
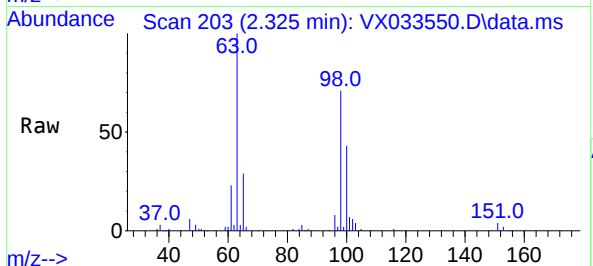




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.479 ug/L
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

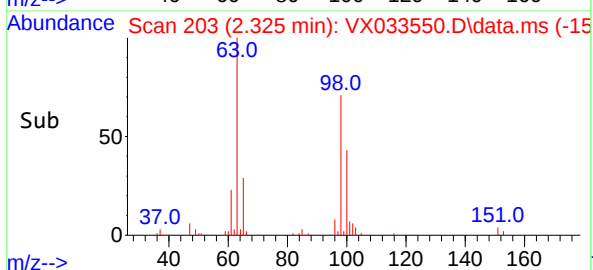
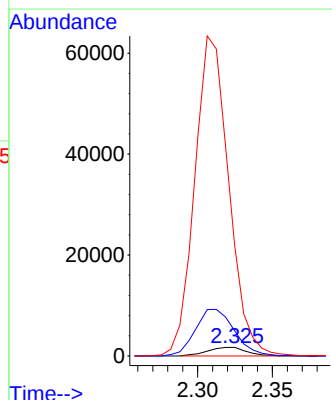
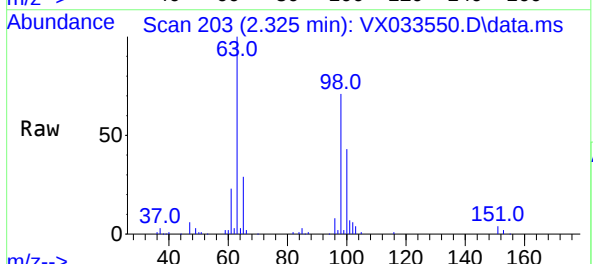
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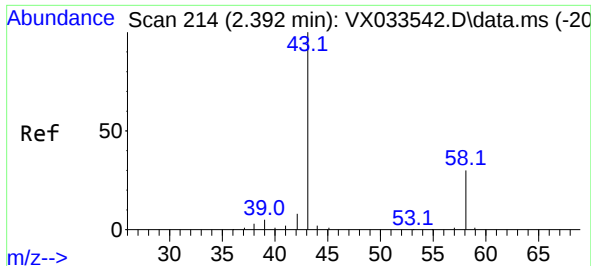
Tgt Ion:101 Resp: 3448
Ion Ratio Lower Upper
101 100
85 31.3 35.0 52.6#
151 62.6 65.7 98.5#



#12
1,1-Dichloroethene
Concen: 3.472 ug/L
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Tgt Ion: 96 Resp: 3094
Ion Ratio Lower Upper
96 100
61 295.2 111.6 207.2#
63 1293.4 108.6 201.6#





#13

Acetone

Concen: 5.065 ug/L

RT: 2.398 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX033550.D

Acq: 22 Dec 2022 17:48

Instrument :

MSVOA_X

ClientSampleId :

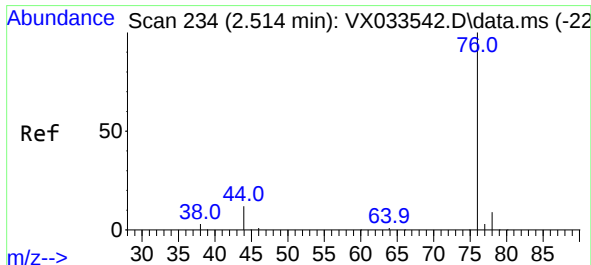
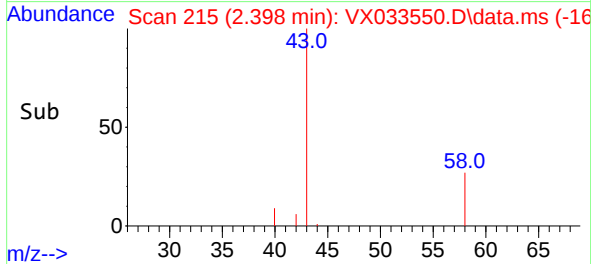
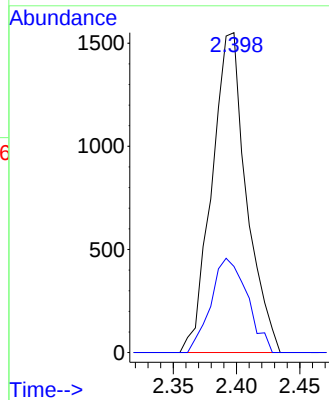
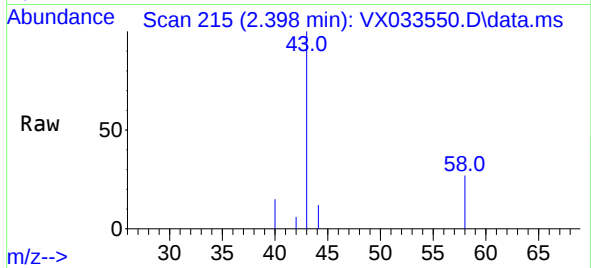
MDL-MED-SOIL-QT4-2022-07

Tgt Ion: 43 Resp: 2955

Ion Ratio Lower Upper

43 100

58 31.0 0.0 60.0



#14

Carbon disulfide

Concen: 2.254 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX033550.D

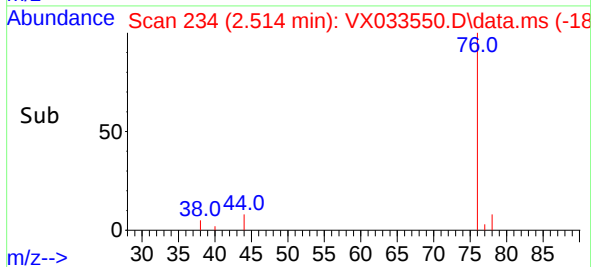
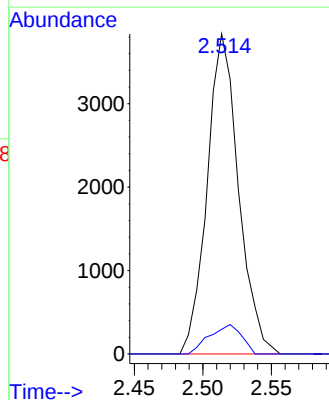
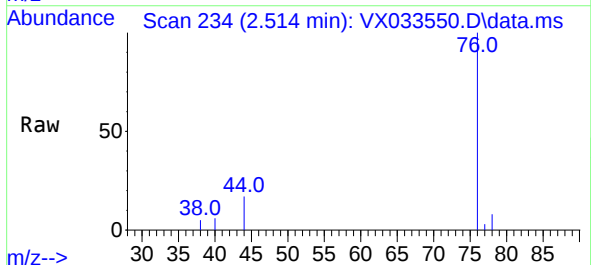
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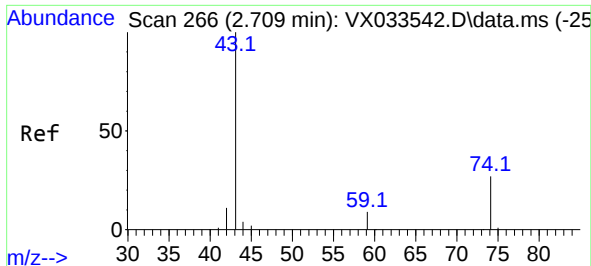
Tgt Ion: 76 Resp: 6112

Ion Ratio Lower Upper

76 100

78 7.7 7.4 11.0

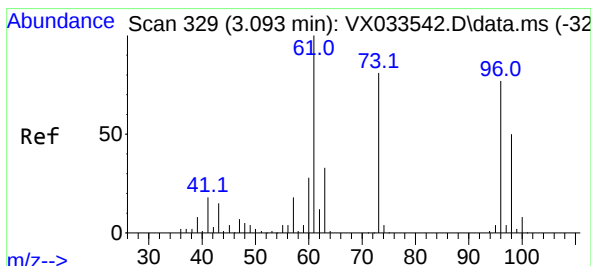
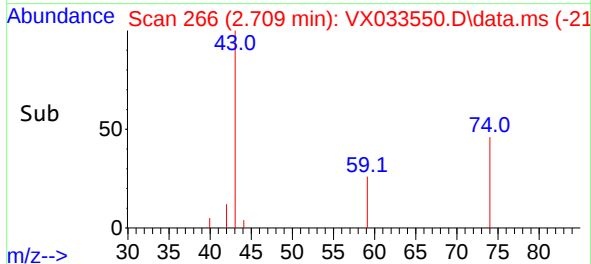
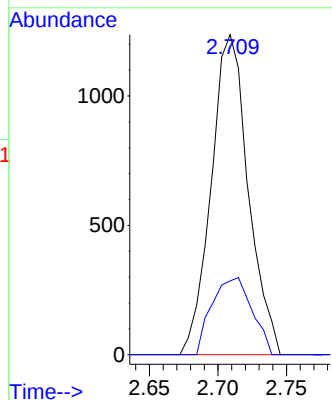
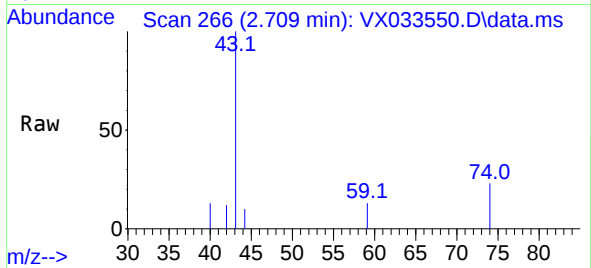




#15
Methyl Acetate
Concen: 1.995 ug/L
RT: 2.709 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

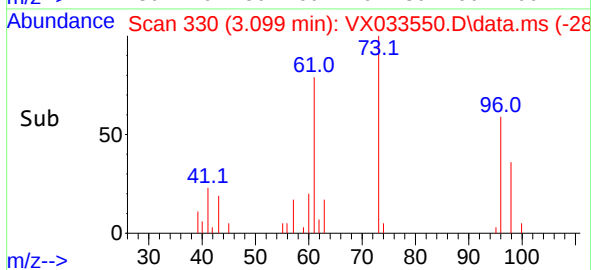
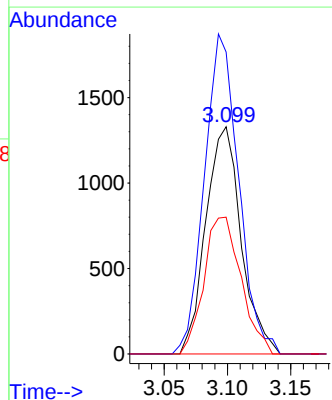
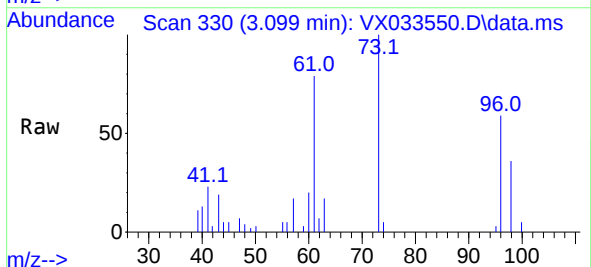
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

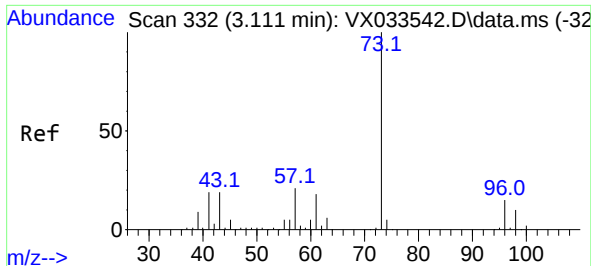
Tgt Ion: 43 Resp: 2327
Ion Ratio Lower Upper
43 100
74 26.0 21.4 32.0



#17
trans-1,2-Dichloroethene
Concen: 1.959 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Tgt Ion: 96 Resp: 2586
Ion Ratio Lower Upper
96 100
61 132.9 90.6 168.2
98 60.2 45.1 83.9

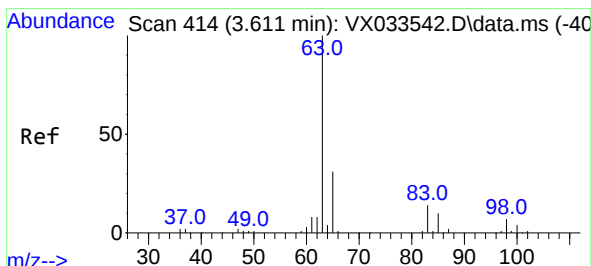
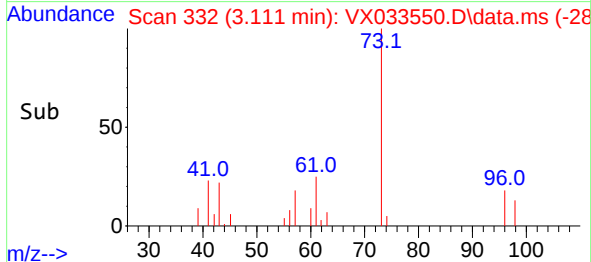
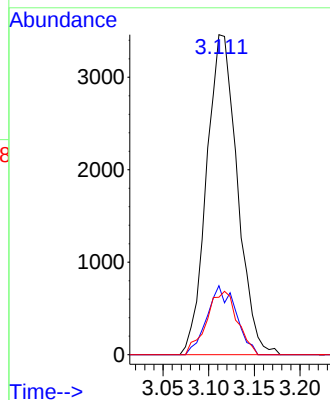
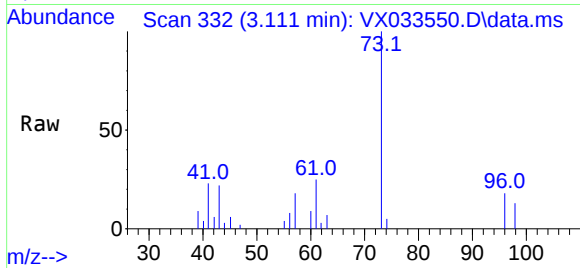




#18
Methyl tert-butyl Ether
Concen: 1.937 ug/L
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

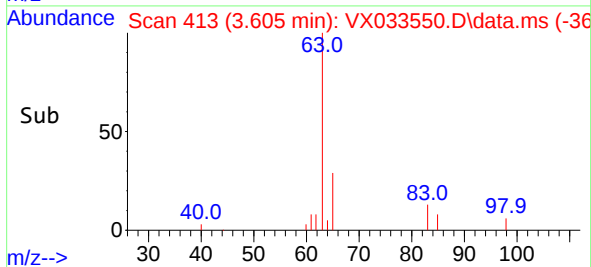
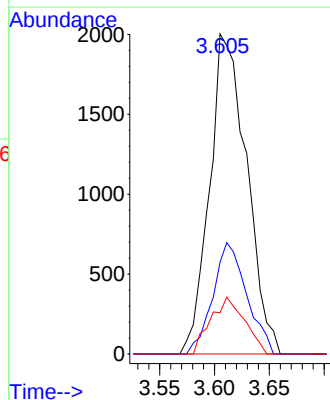
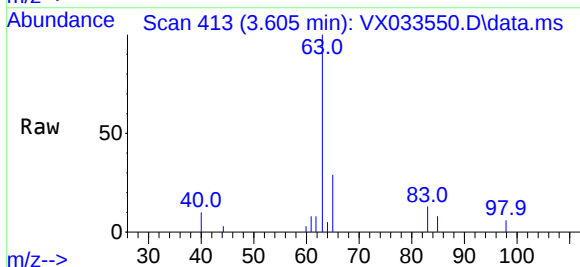
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

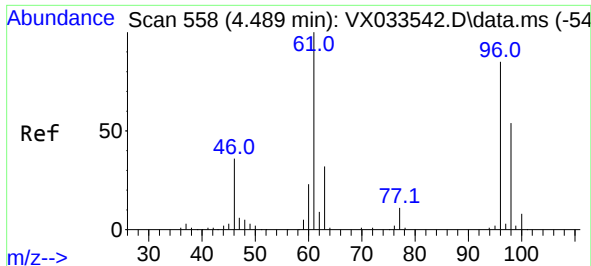
Tgt Ion: 73	Resp: 8104
Ion Ratio	Lower Upper
73 100	
43 20.3	14.7 22.1
57 19.8	16.4 24.6



#19
1,1-Dichloroethane
Concen: 2.054 ug/L
RT: 3.605 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Tgt Ion: 63	Resp:	4706	
Ion	Ratio	Lower	Upper
63	100		
65	28.7	21.8	40.6
83	12.9	9.9	18.5

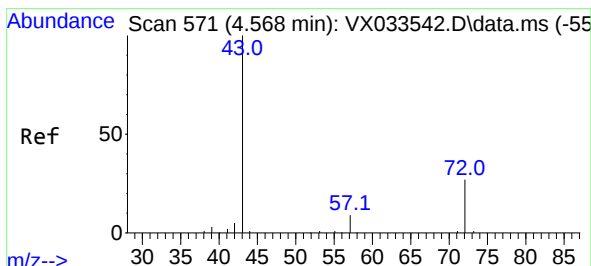
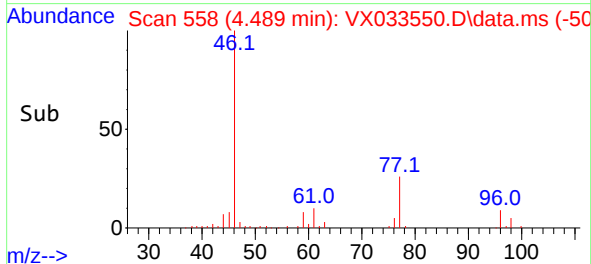
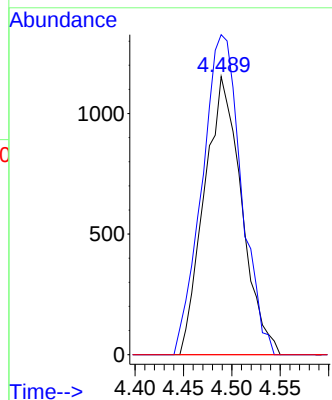
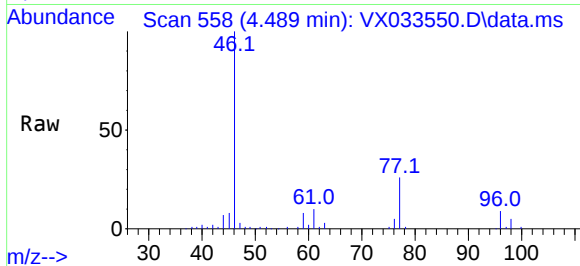




#20
cis-1,2-Dichloroethene
Concen: 1.997 ug/L
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

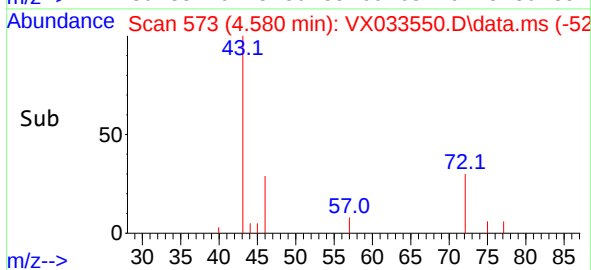
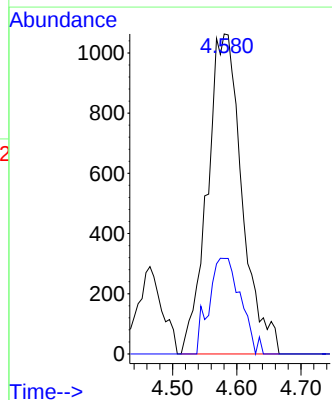
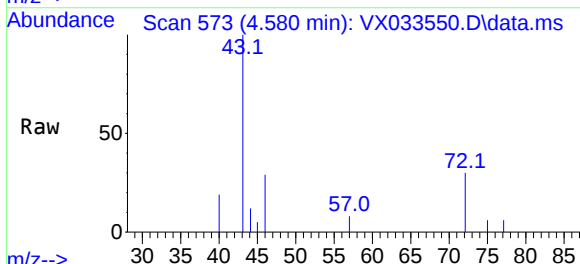
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

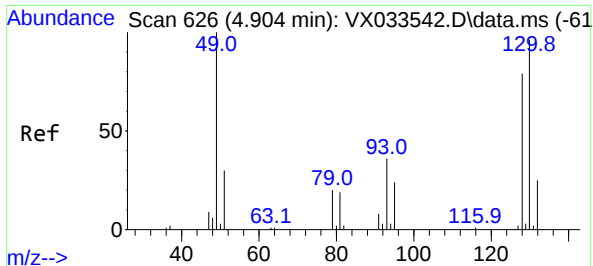
Tgt Ion: 96 Resp: 3090
Ion Ratio Lower Upper
96 100
61 115.1 82.7 153.7
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 4.160 ug/L m
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

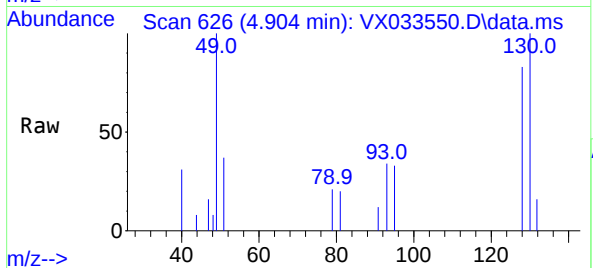
Tgt Ion: 43 Resp: 3997
Ion Ratio Lower Upper
43 100
72 0.5 14.6 44.0#



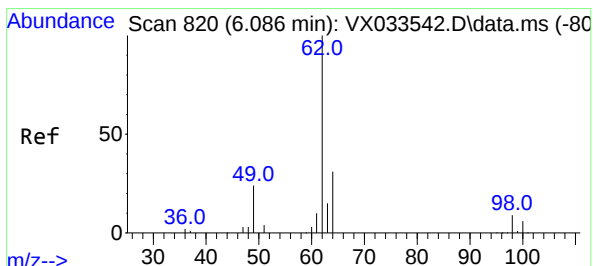
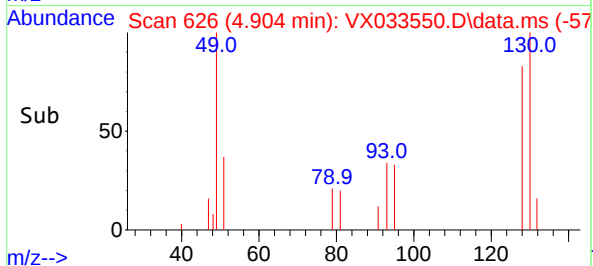
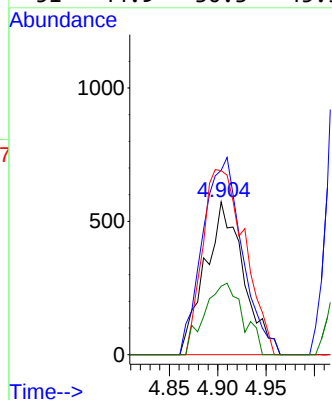


#23
Bromochloromethane
Concen: 1.919 ug/L
RT: 4.904 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

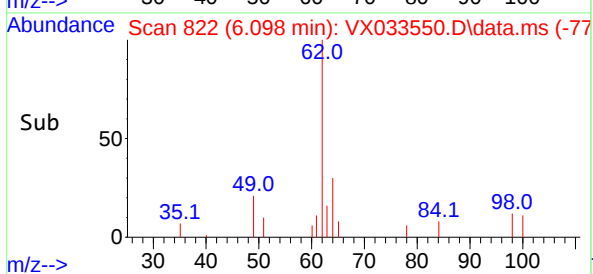
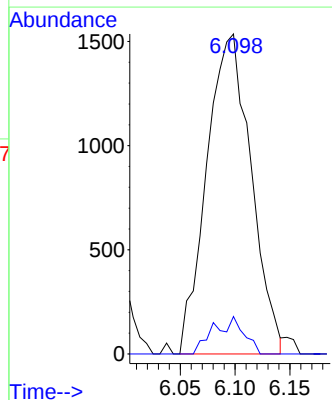
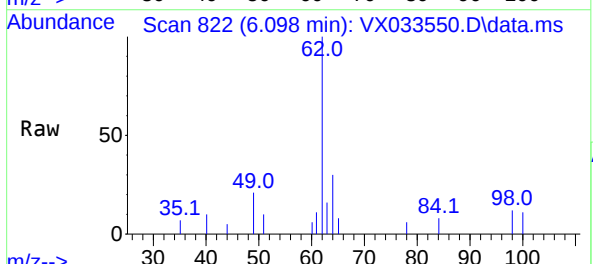


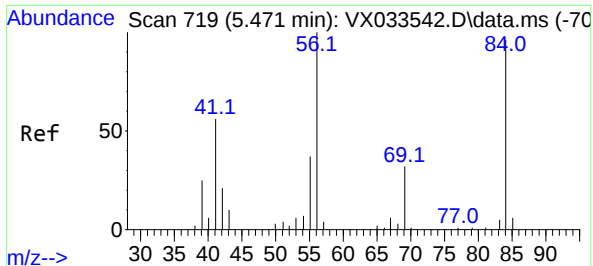
Tgt Ion:	128	Resp:	1589
Ion	Ratio	Lower	Upper
128	100		
49	120.6	89.2	165.8
130	120.4	85.8	159.3
51	44.9	30.3	45.5



#27
1,2-Dichloroethane
Concen: 2.130 ug/L
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Tgt Ion:	62	Resp:	4325
Ion	Ratio	Lower	Upper
62	100		
98	11.7	7.4	11.0#

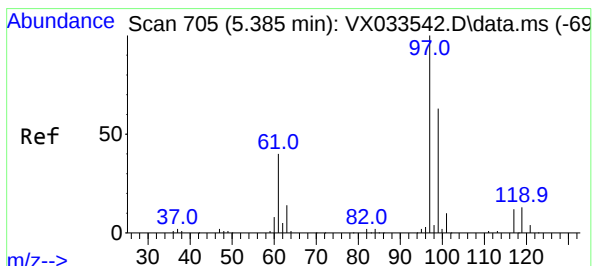
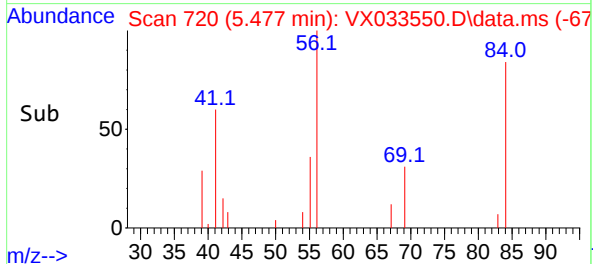
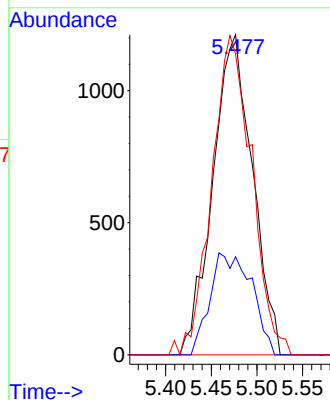
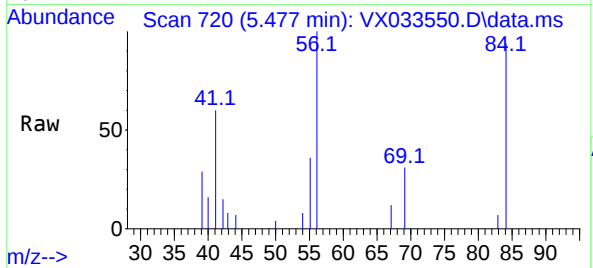




#29
Cyclohexane
Concen: 1.812 ug/L
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

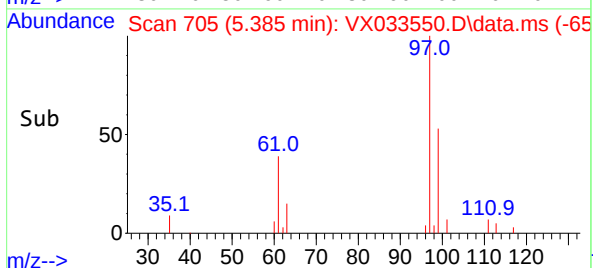
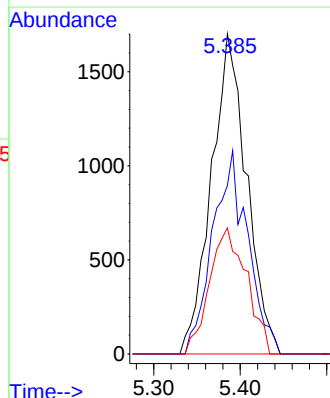
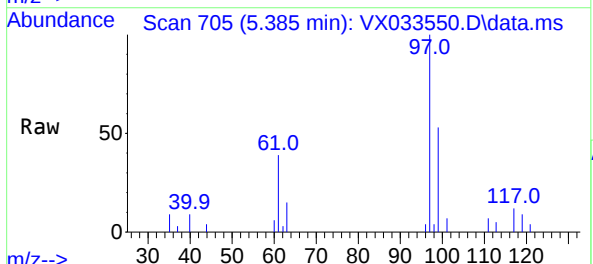
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

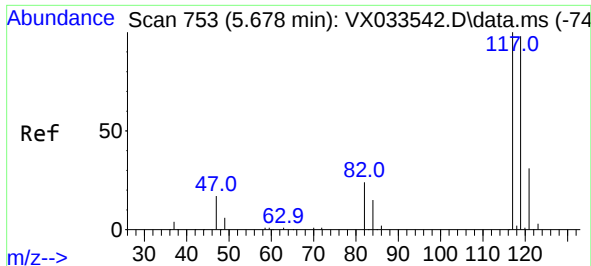
Tgt Ion: 56 Resp: 3658
Ion Ratio Lower Upper
56 100
69 17.1 26.3 39.5#
84 100.0 75.6 113.4



#30
1,1,1-Trichloroethane
Concen: 2.005 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Tgt Ion: 97 Resp: 4817
Ion Ratio Lower Upper
97 100
99 44.2 51.3 76.9#
61 41.2 32.4 48.6

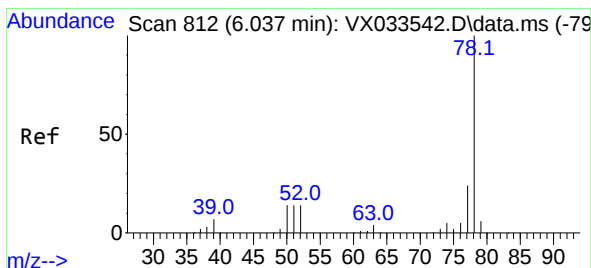
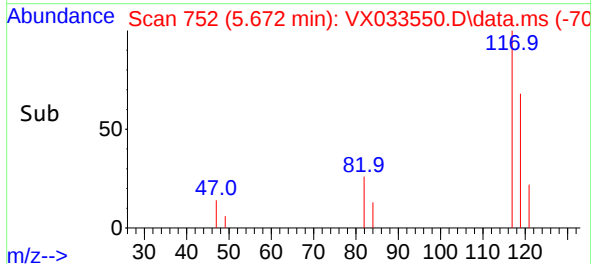
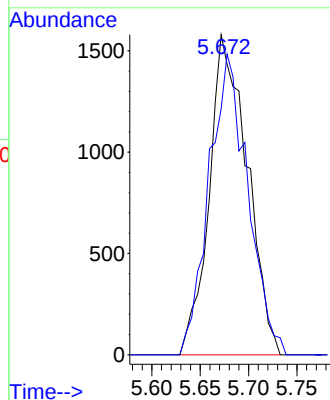
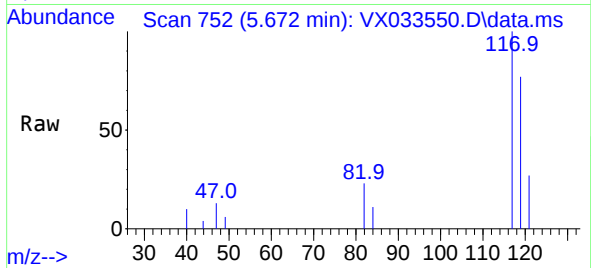




#31
Carbon tetrachloride
Concen: 2.020 ug/L
RT: 5.672 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

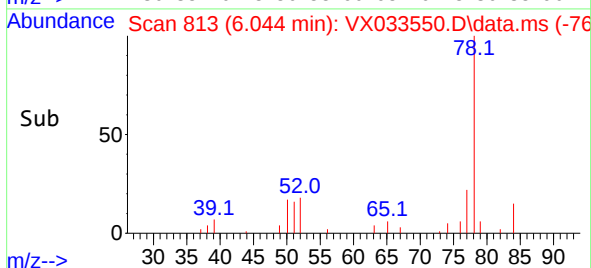
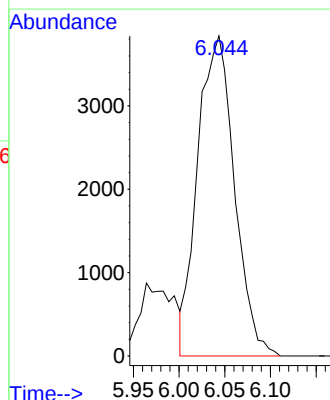
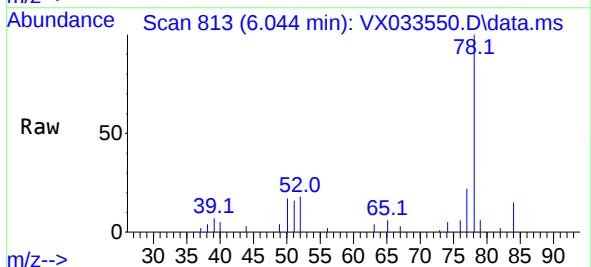
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

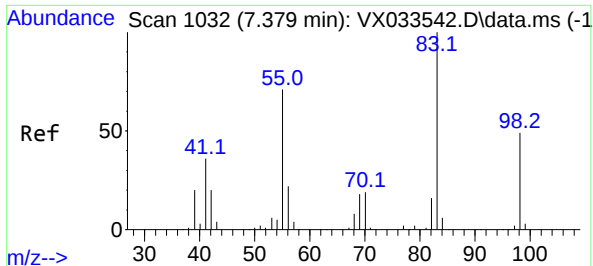
Tgt Ion:117 Resp: 4307
Ion Ratio Lower Upper
117 100
119 95.9 77.9 116.9



#33
Benzene
Concen: 1.953 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Tgt Ion: 78 Resp: 10723

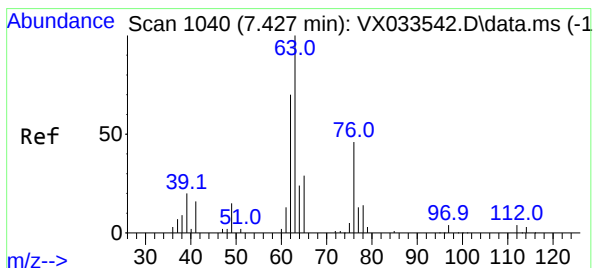
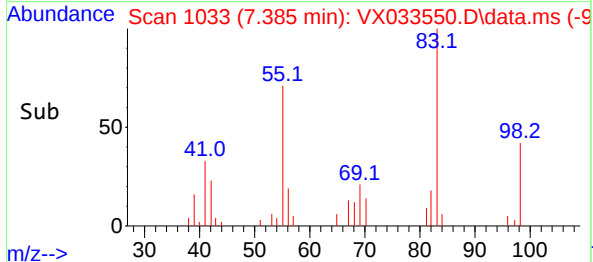
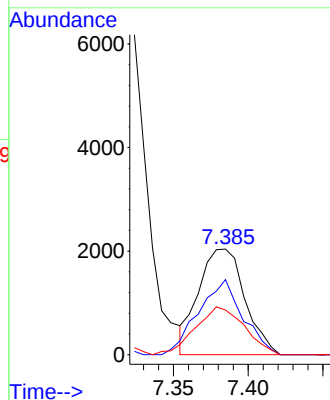
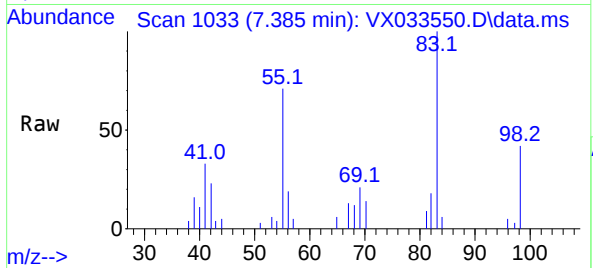




#35
Methylcyclohexane
Concen: 1.955 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

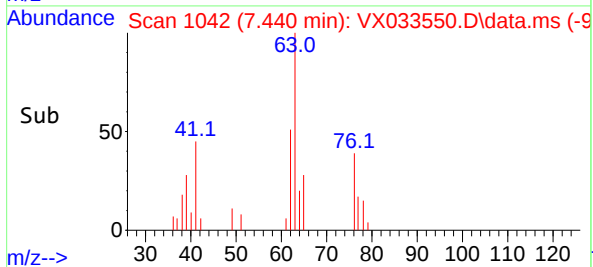
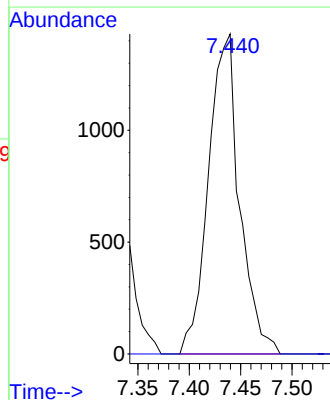
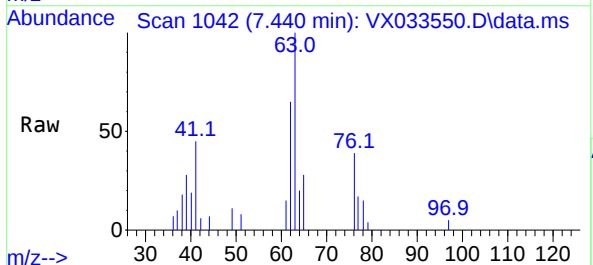
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

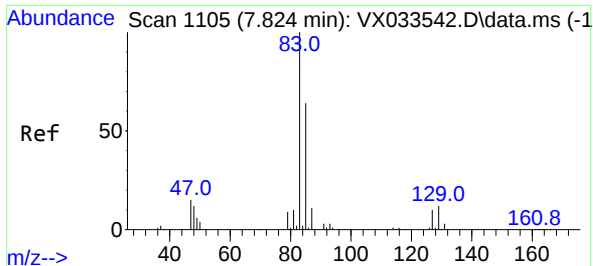
Tgt Ion: 83 Resp: 4385
Ion Ratio Lower Upper
83 100
55 68.2 55.6 83.4
98 48.1 38.6 57.8



#37
1,2-Dichloropropane
Concen: 2.225 ug/L
RT: 7.440 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Tgt Ion: 63 Resp: 3012
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

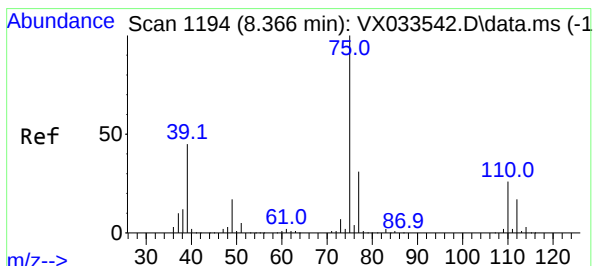
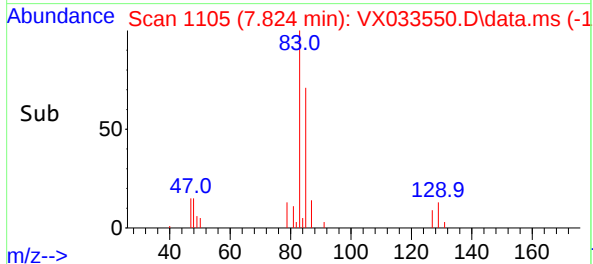
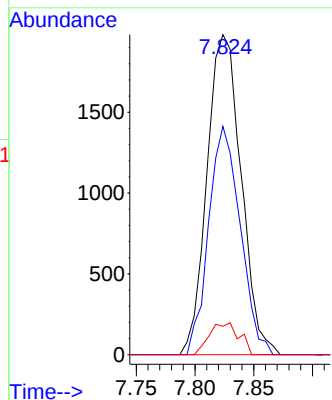
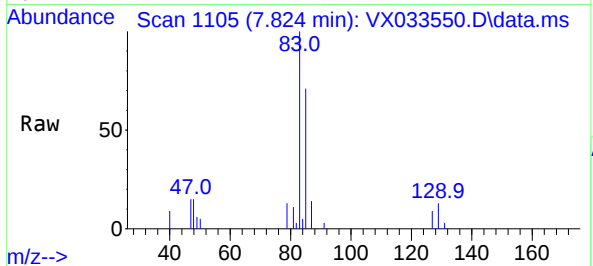




#38
Bromodichloromethane
Concen: 2.006 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

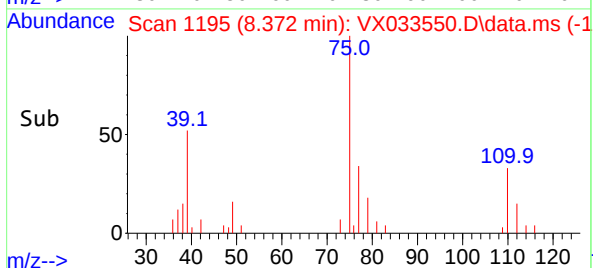
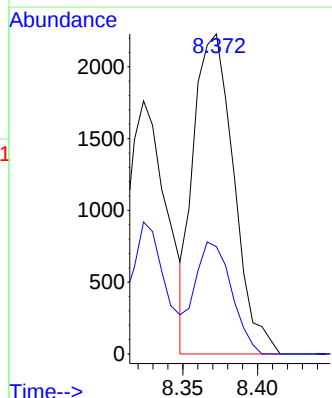
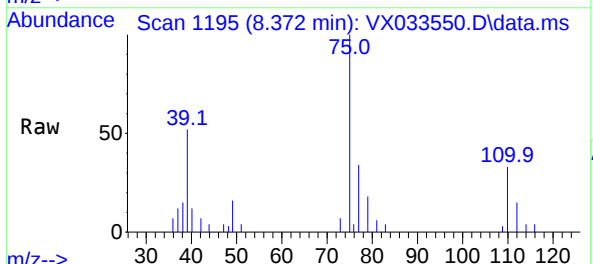
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

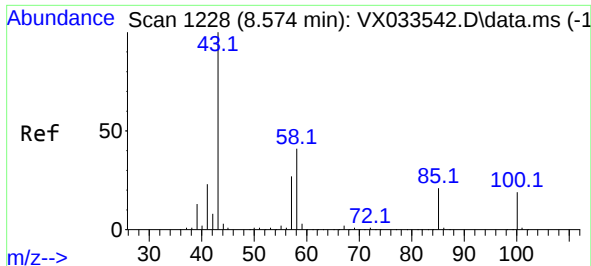
Tgt Ion: 83	Resp: 4007
Ion Ratio	Lower Upper
83	100
85	71.4 45.1 83.9
127	8.9 7.7 11.5



#39
cis-1,3-Dichloropropene
Concen: 1.889 ug/L
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Tgt Ion: 75	Resp: 4155
Ion Ratio	Lower Upper
75	100
77	33.6 22.0 41.0

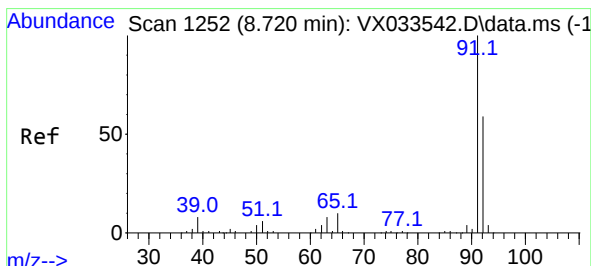
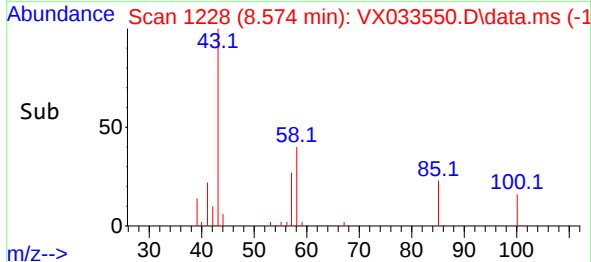
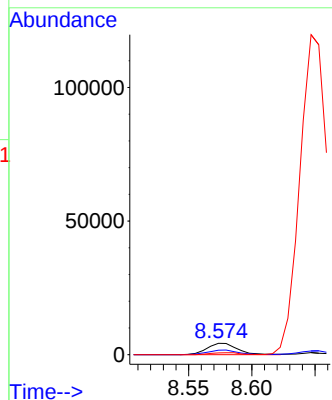
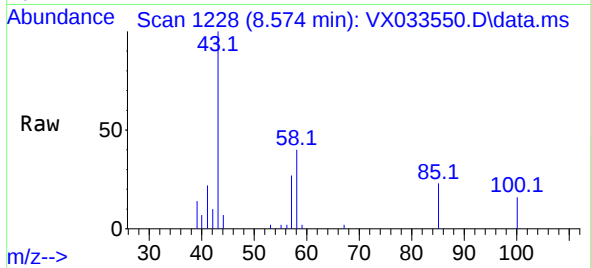




#40
4-Methyl-2-pentanone
Concen: 4.215 ug/L
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

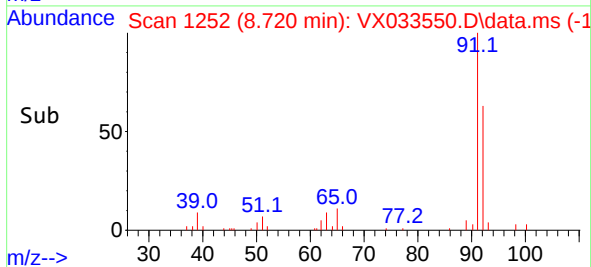
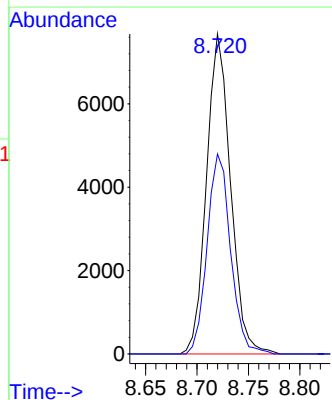
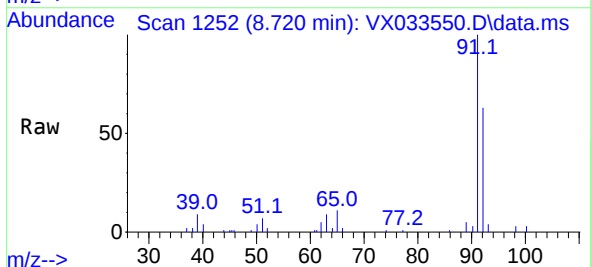
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

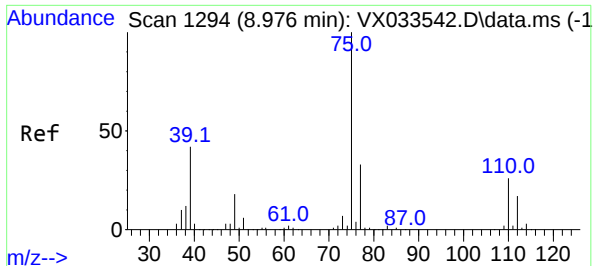
Tgt Ion: 43 Resp: 7067
Ion Ratio Lower Upper
43 100
58 40.1 32.9 49.3
100 17.5 14.9 22.3



#42
Toluene
Concen: 2.013 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Tgt Ion: 91 Resp: 12489
Ion Ratio Lower Upper
91 100
92 62.5 41.1 76.3

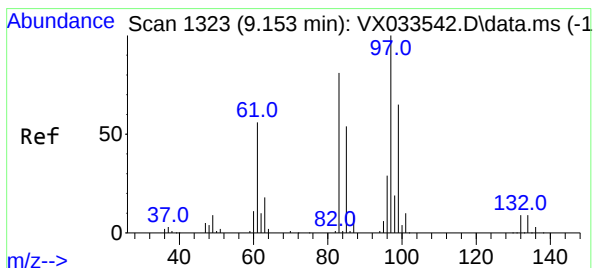
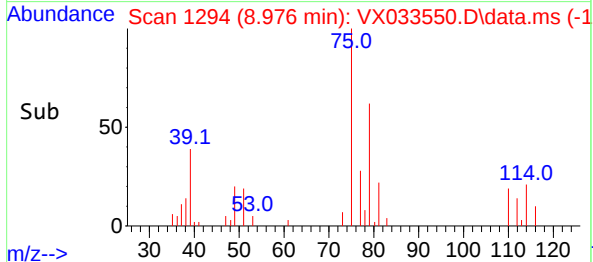
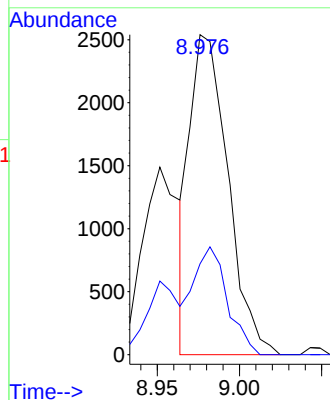
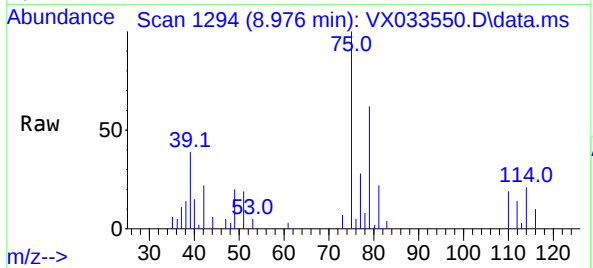




#44
trans-1,3-Dichloropropene
Concen: 1.979 ug/L
RT: 8.976 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

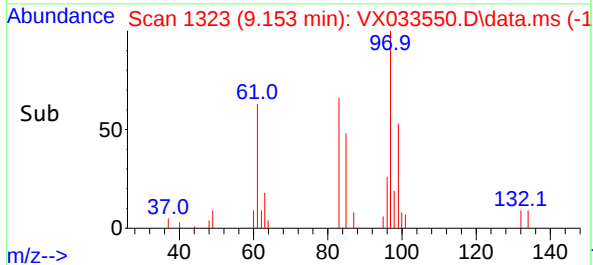
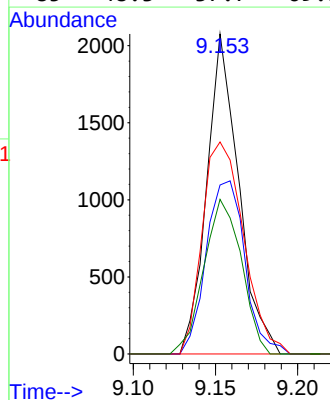
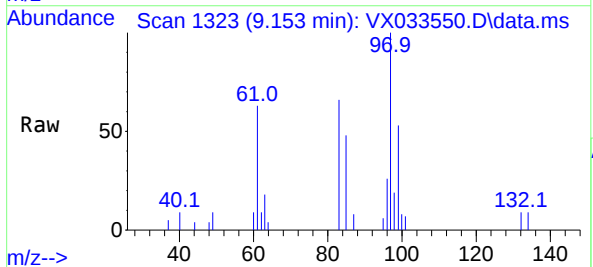
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

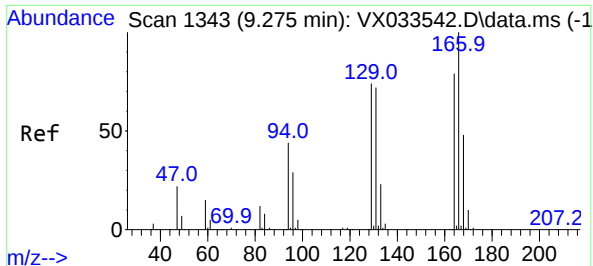
Tgt Ion: 75 Resp: 4086
Ion Ratio Lower Upper
75 100
77 28.4 22.8 42.4



#45
1,1,2-Trichloroethane
Concen: 1.911 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Tgt Ion: 97 Resp: 2800
Ion Ratio Lower Upper
97 100
99 52.8 45.4 84.2
83 66.2 57.0 105.9
85 48.3 37.7 69.9



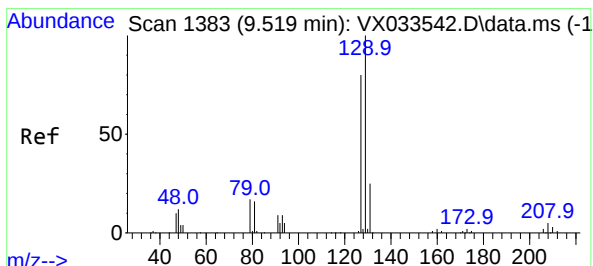
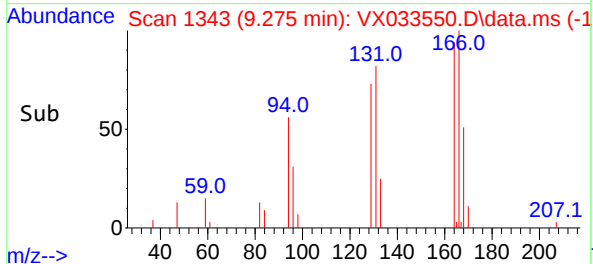
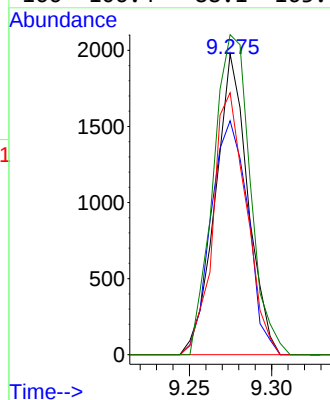
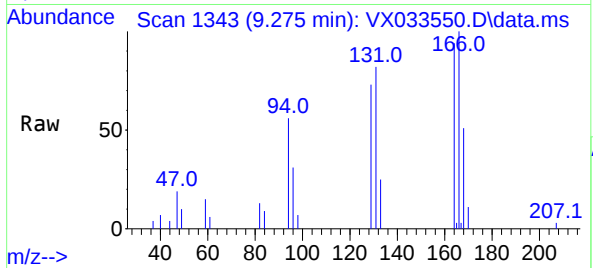


#46
Tetrachloroethene
Concen: 2.115 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT4-2022-07

Tgt Ion:164 Resp: 2732

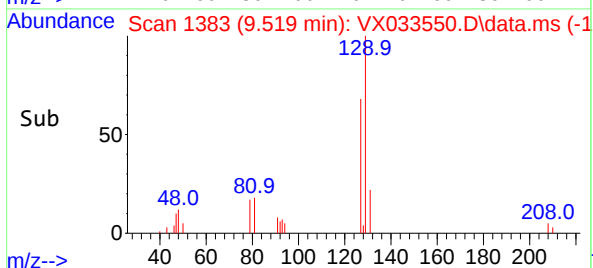
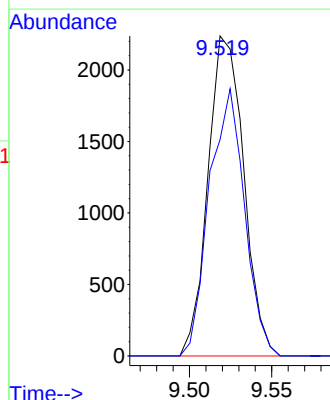
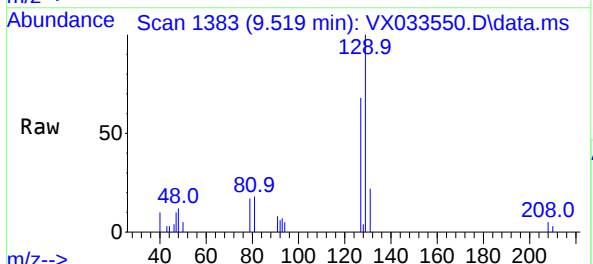
Ion	Ratio	Lower	Upper
164	100		
129	77.8	65.6	121.8
131	87.1	63.5	117.9
166	106.4	88.1	163.7

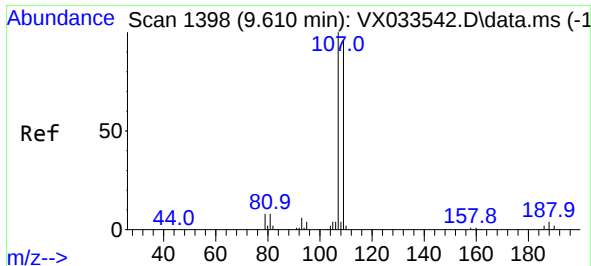


#49
Dibromochloromethane
Concen: 1.979 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Tgt Ion:129 Resp: 3387

Ion	Ratio	Lower	Upper
129	100		
127	67.6	55.8	103.6





#50

1,2-Dibromoethane

Concen: 1.987 ug/L

RT: 9.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033550.D

Acq: 22 Dec 2022 17:48

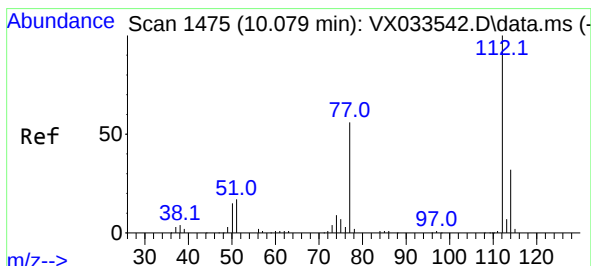
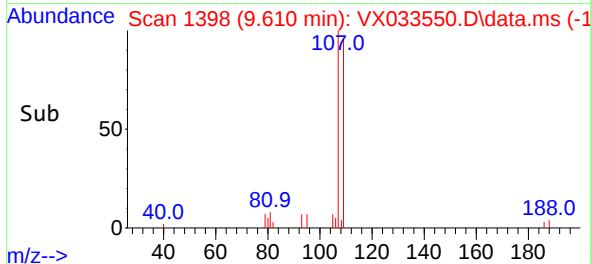
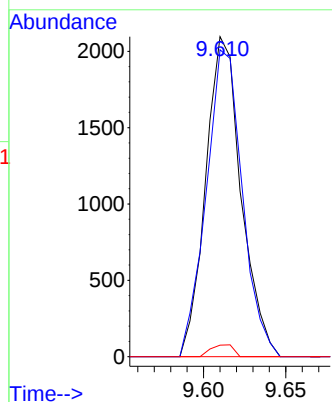
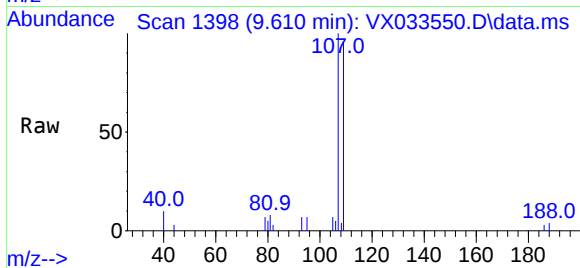
Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

Tgt Ion:107	Resp:	3143
Ion	Ratio	Lower Upper
107	100	
109	95.9	67.5 125.3
188	3.6	3.0 4.4



#51

Chlorobenzene

Concen: 2.037 ug/L

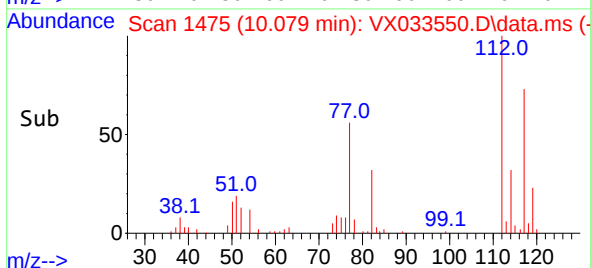
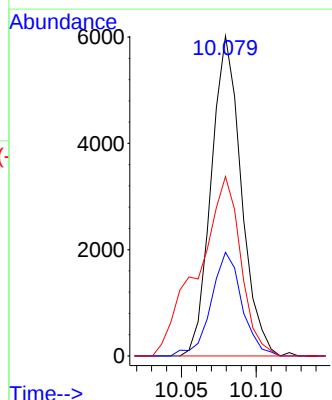
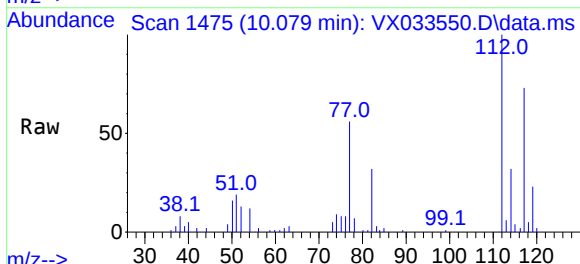
RT: 10.079 min Scan# 1475

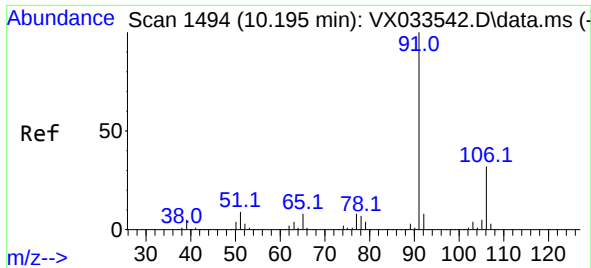
Delta R.T. 0.000 min

Lab File: VX033550.D

Acq: 22 Dec 2022 17:48

Tgt Ion:112	Resp:	8387
Ion	Ratio	Lower Upper
112	100	
114	32.4	22.1 41.1
77	56.1	45.0 67.4

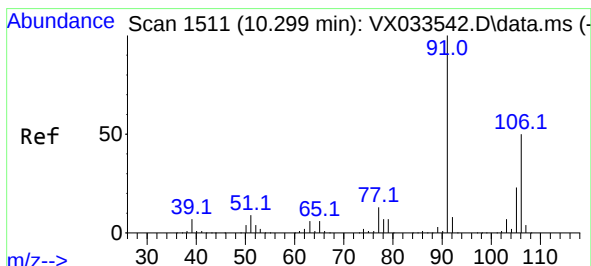
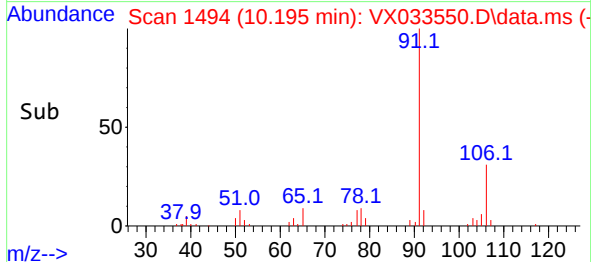
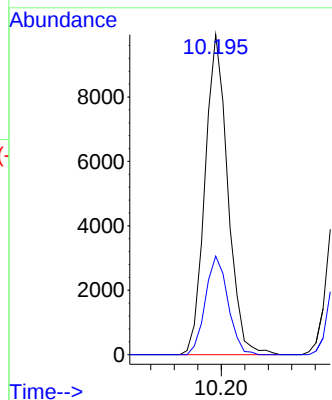
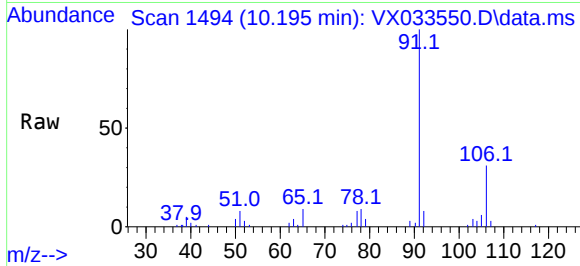




#52
Ethylbenzene
Concen: 1.969 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

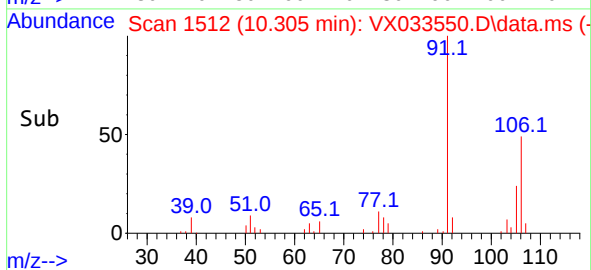
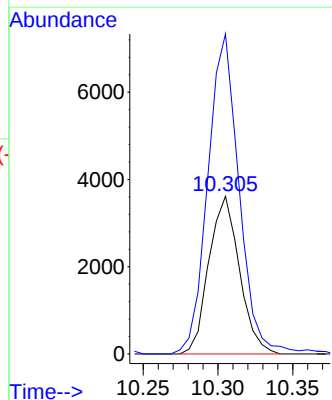
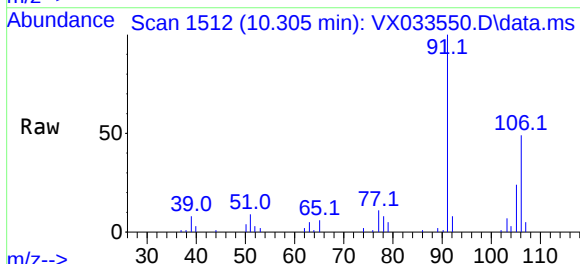
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

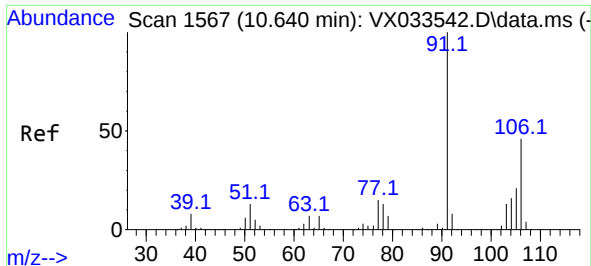
Tgt Ion: 91 Resp: 13387
Ion Ratio Lower Upper
91 100
106 30.8 22.5 41.7



#53
m,p-Xylene
Concen: 1.896 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Tgt Ion: 106 Resp: 5140
Ion Ratio Lower Upper
106 100
91 202.9 140.4 260.8

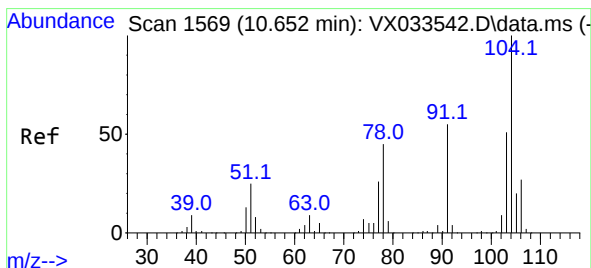
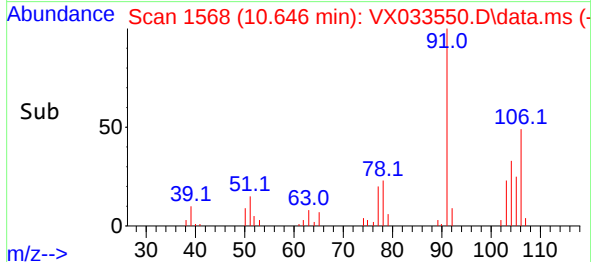
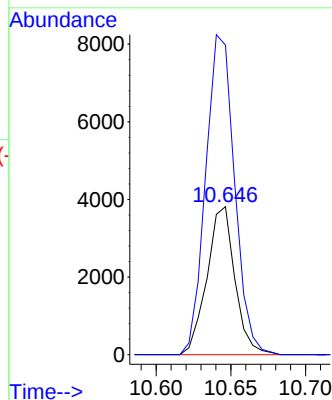
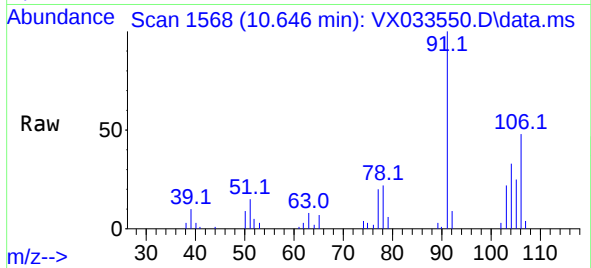




#54
o-Xylene
Concen: 1.876 ug/L
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

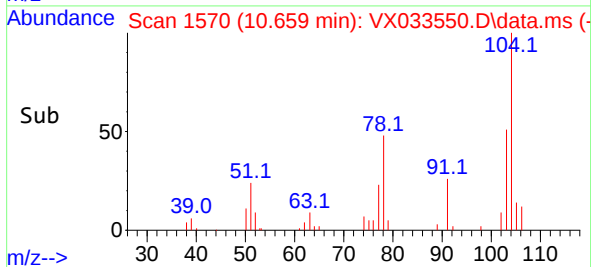
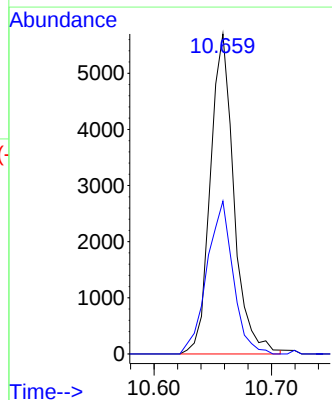
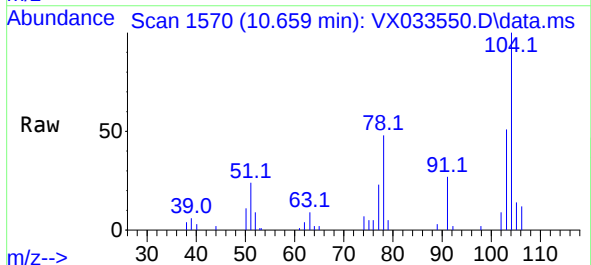
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

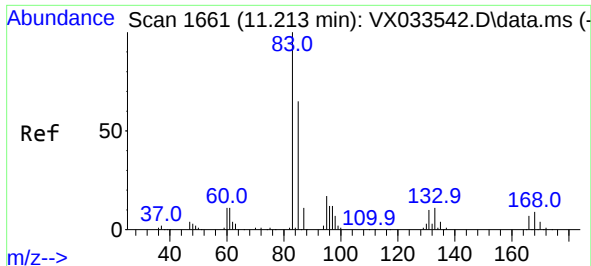
Tgt Ion:106 Resp: 4973
Ion Ratio Lower Upper
106 100
91 209.3 150.6 279.6



#55
Styrene
Concen: 1.777 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Tgt Ion:104 Resp: 7941
Ion Ratio Lower Upper
104 100
78 47.8 31.7 58.9

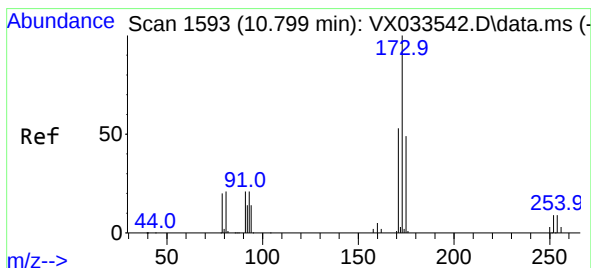
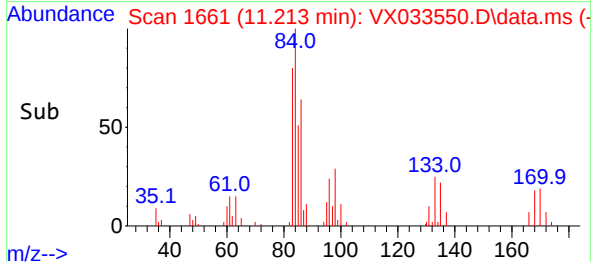
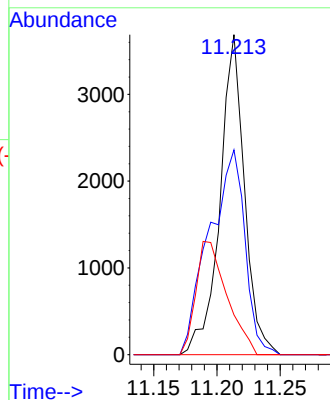
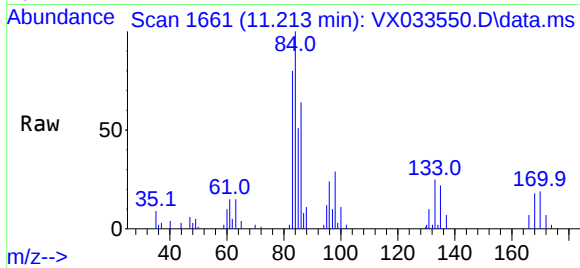




#57
1,1,2,2-Tetrachloroethane
Concen: 2.323 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

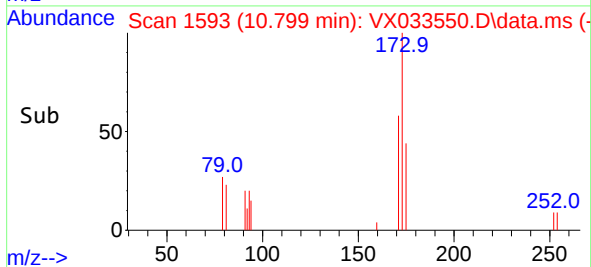
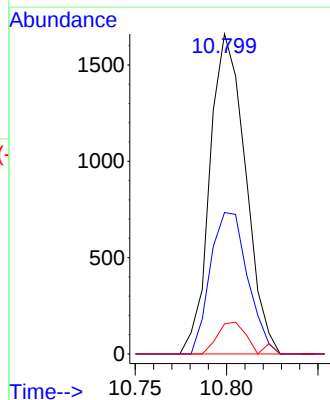
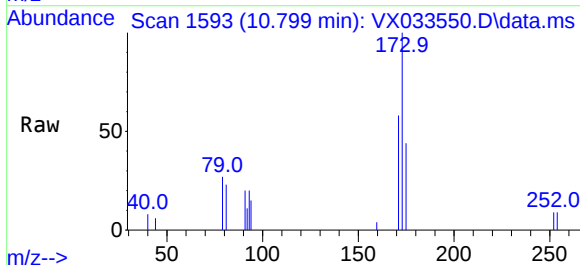
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT4-2022-07

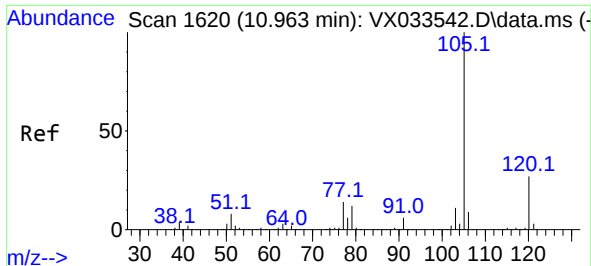
Tgt Ion: 83	Resp: 4977
Ion Ratio	Lower Upper
83 100	
85 64.0	45.6 84.8
131 12.4	8.4 12.6



#59
Bromoform
Concen: 1.994 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Tgt Ion:173	Resp:	2252	
Ion	Ratio	Lower	Upper
173	100		
175	46.4	38.9	58.3
254	7.8	7.2	10.8

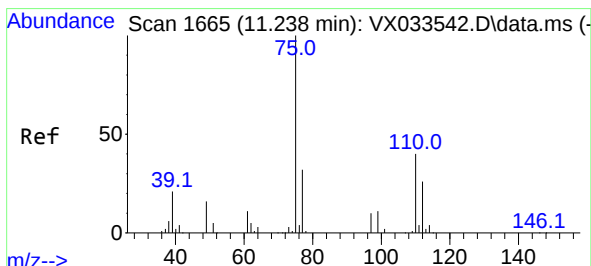
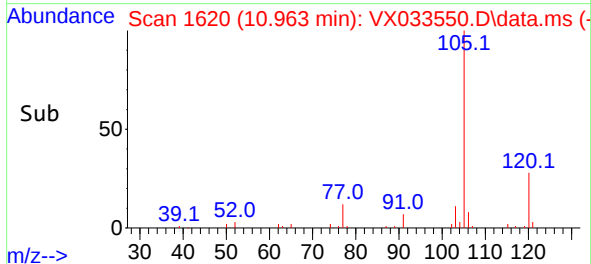
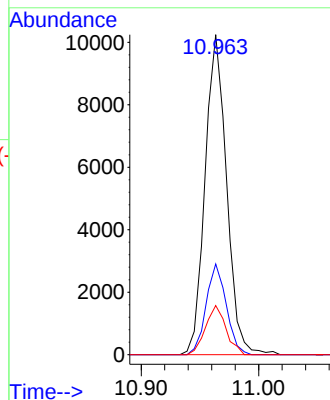
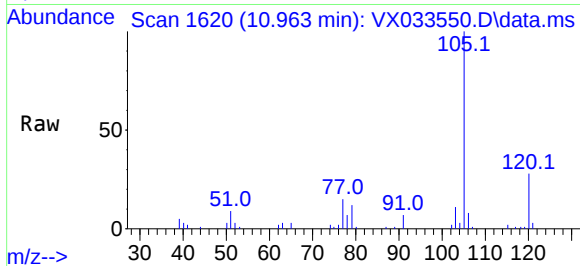




#60
Isopropylbenzene
Concen: 2.036 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

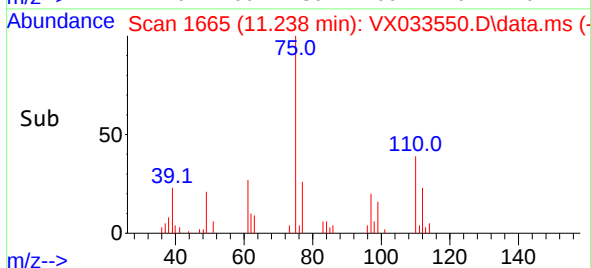
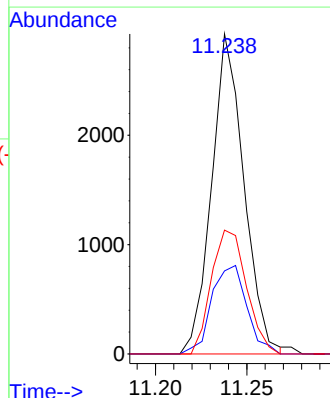
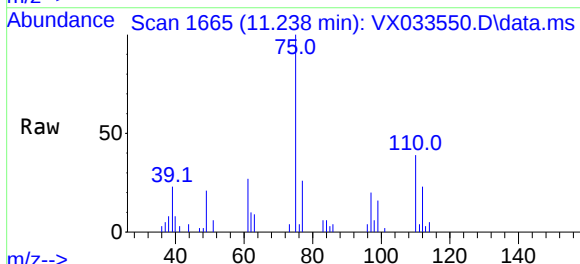
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

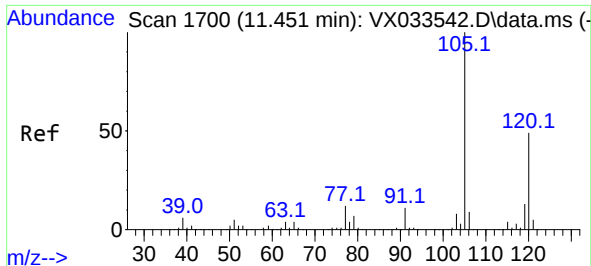
Tgt Ion:	105	Resp:	13055
Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.6	32.4
77	14.6	11.7	17.5



#61
1,2,3-Trichloropropane
Concen: 2.356 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Tgt Ion:	75	Resp:	3599
Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.0	39.0
110	42.2	33.6	50.4





#62

1,3,5-Trimethylbenzene

Concen: 1.898 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX033550.D

Acq: 22 Dec 2022 17:48

Instrument :

MSVOA_X

ClientSampleId :

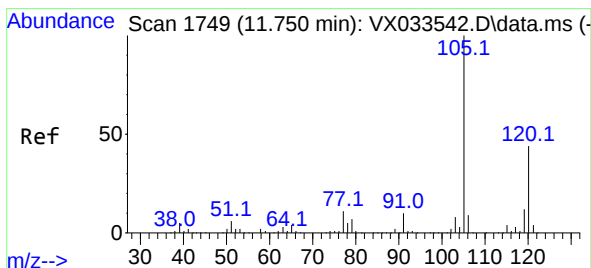
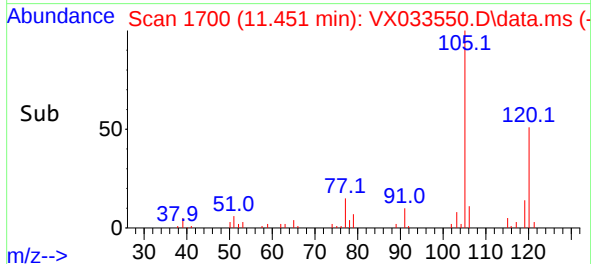
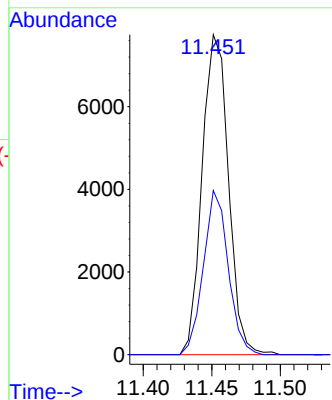
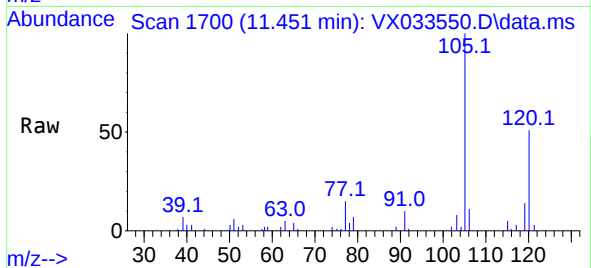
MDL-MED-SOIL-QT4-2022-07

Tgt Ion:105 Resp: 10339

Ion Ratio Lower Upper

105 100

120 48.5 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 1.913 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX033550.D

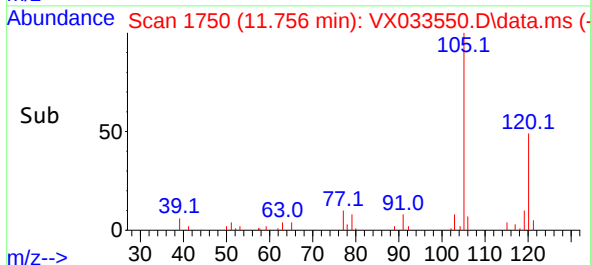
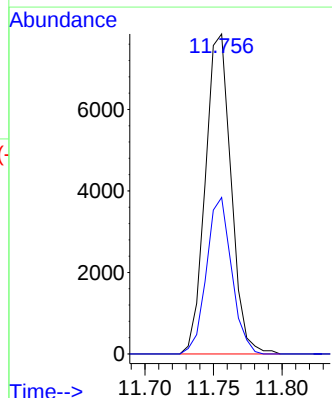
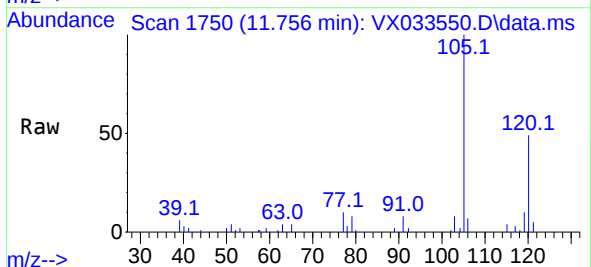
Acq: 22 Dec 2022 17:48

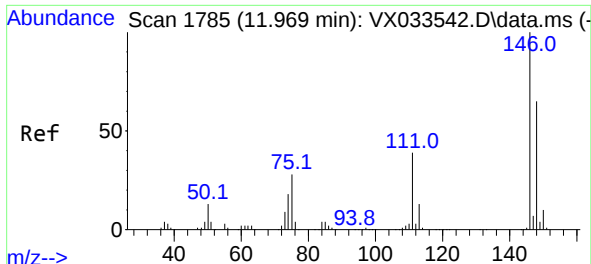
Tgt Ion:105 Resp: 10244

Ion Ratio Lower Upper

105 100

120 47.7 35.8 53.6



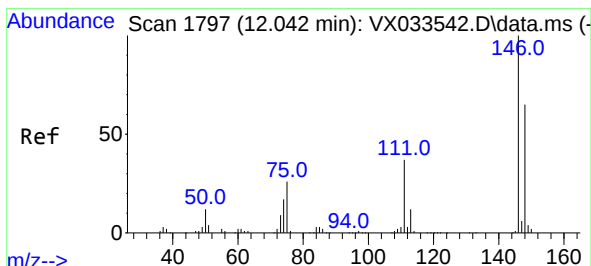
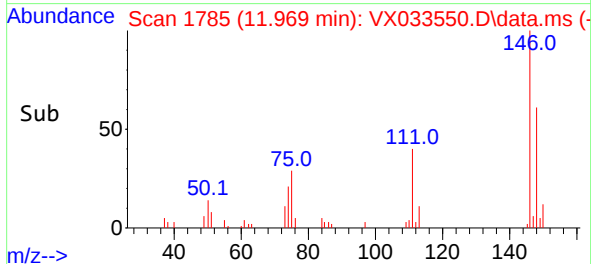
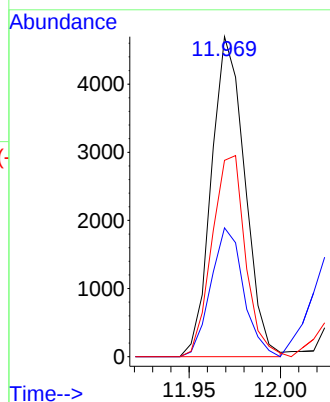
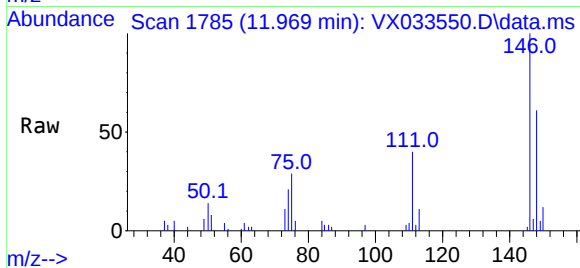


#64
1,3-Dichlorobenzene
Concen: 2.038 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

Tgt Ion:146 Resp: 5969

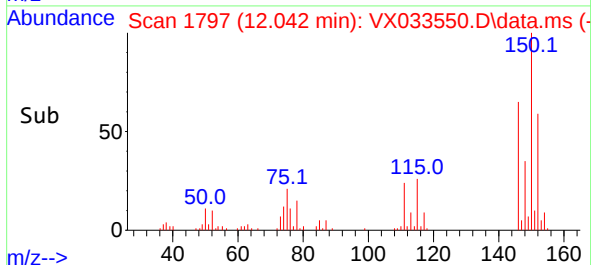
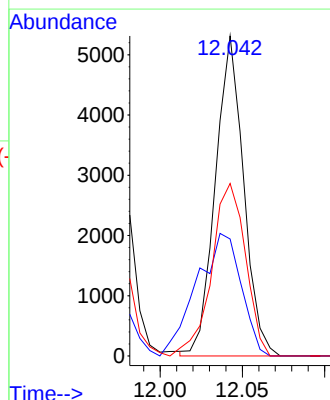
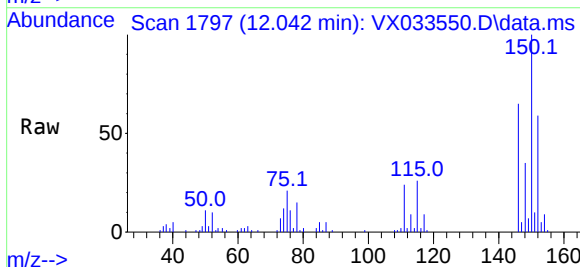
Ion	Ratio	Lower	Upper
146	100		
111	40.3	27.6	51.2
148	61.3	45.3	84.1

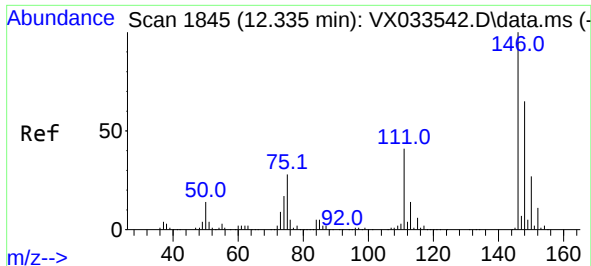


#65
1,4-Dichlorobenzene
Concen: 2.143 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Tgt Ion:146 Resp: 6349

Ion	Ratio	Lower	Upper
146	100		
111	36.6	25.8	47.8
148	53.9	45.8	85.0





#67

1,2-Dichlorobenzene

Concen: 2.197 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033550.D

Acq: 22 Dec 2022 17:48

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

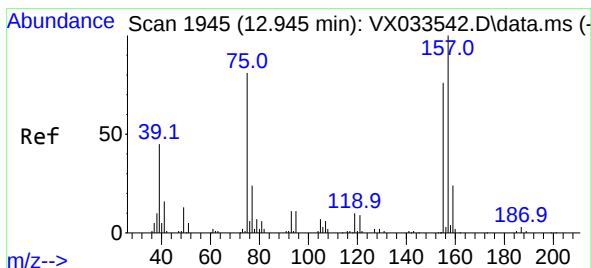
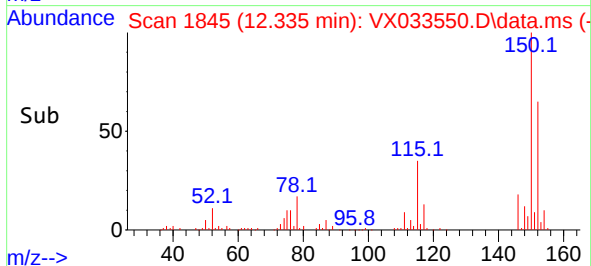
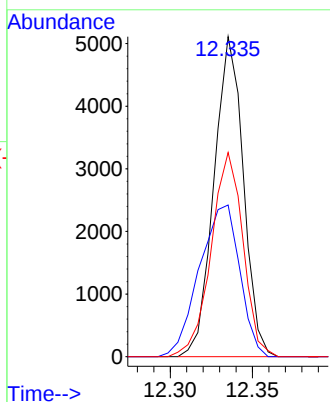
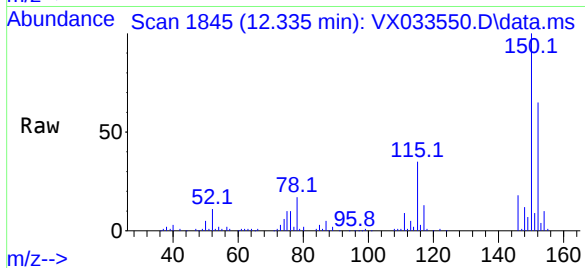
Tgt Ion:146 Resp: 6350

Ion Ratio Lower Upper

146 100

111 47.4 33.2 49.8

148 63.8 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 2.170 ug/L m

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX033550.D

Acq: 22 Dec 2022 17:48

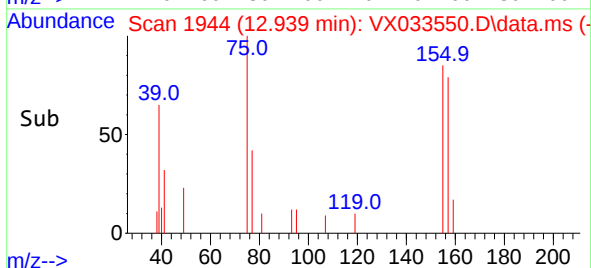
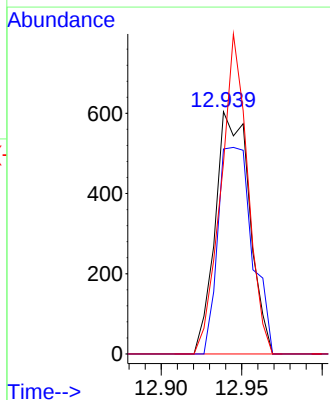
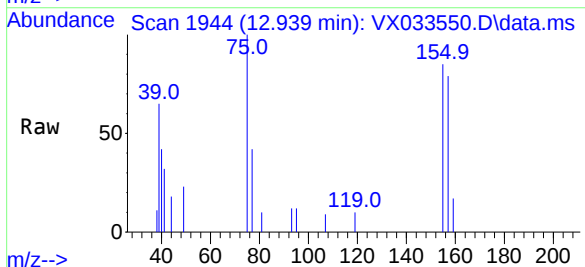
Tgt Ion: 75 Resp: 891

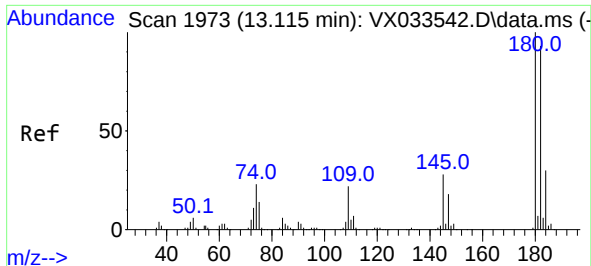
Ion Ratio Lower Upper

75 100

155 84.6 75.4 113.2

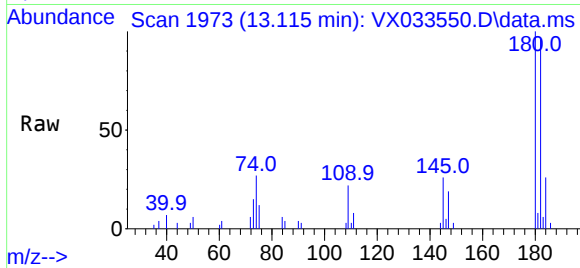
157 78.8 98.7 148.1#



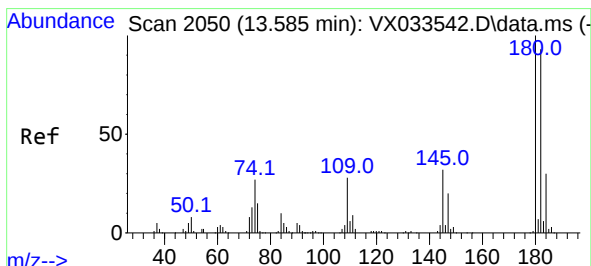
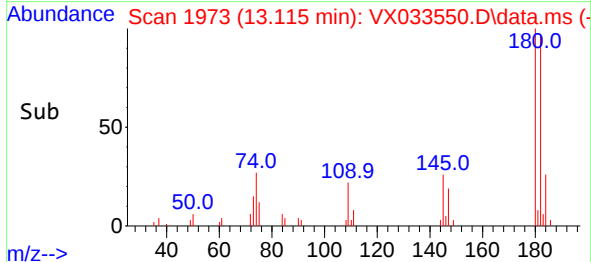
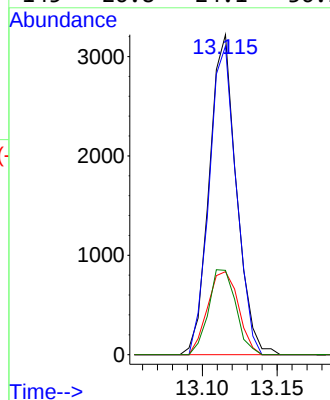


#69
1,3,5-Trichlorobenzene
Concen: 2.074 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

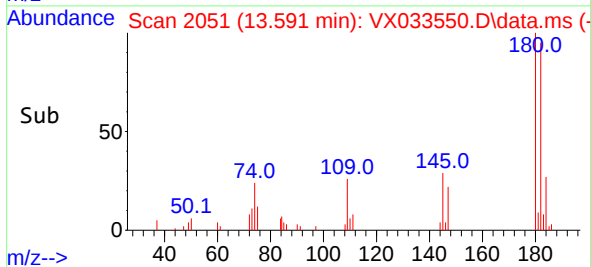
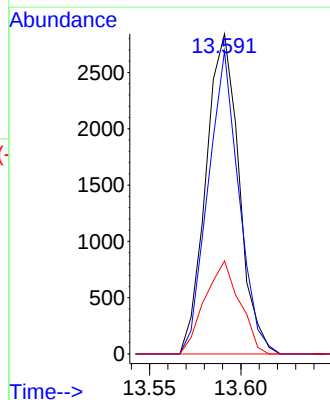
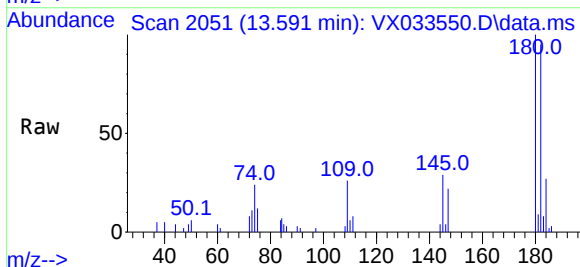


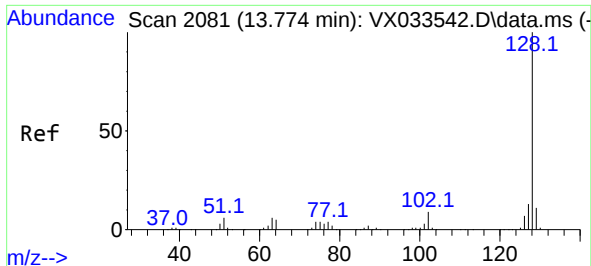
Tgt Ion:180 Resp: 4065
Ion Ratio Lower Upper
180 100
182 95.9 75.0 112.6
184 29.3 24.0 36.0
145 26.8 24.1 36.1



#70
1,2,4-trichlorobenzene
Concen: 2.013 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Tgt Ion:180 Resp: 3574
Ion Ratio Lower Upper
180 100
182 88.4 76.6 115.0
145 30.7 25.2 37.8

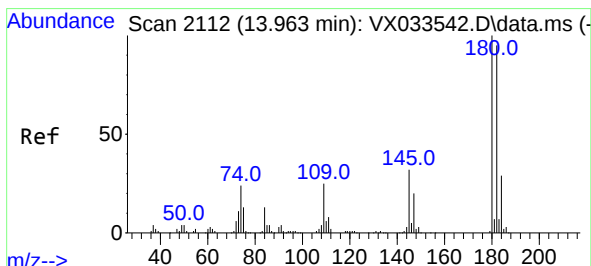
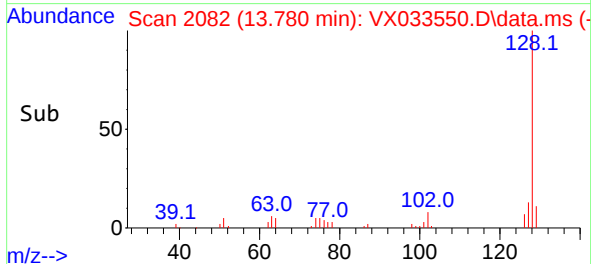
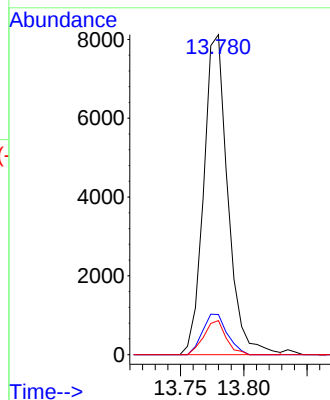
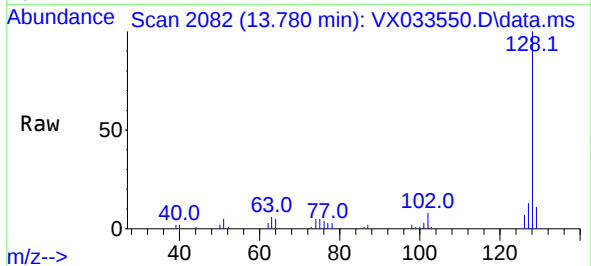




#71
Naphthalene
Concen: 1.861 ug/L
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

Tgt Ion:128	Resp:	10794
Ion	Ratio	Lower Upper
128	100	
127	13.0	10.3 15.5
129	9.8	8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 2.059 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033550.D
Acq: 22 Dec 2022 17:48

Tgt Ion:180	Resp:	3648
Ion	Ratio	Lower Upper
180	100	
182	92.2	76.4 114.6
145	33.7	26.2 39.4

