

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080423\
 Data File : VD076923.D
 Acq On : 04 Aug 2023 13:13
 Operator : KP/SY
 Sample : 03573-04
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-QT3-2023-06

Quant Time: Aug 05 00:17:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 04 02:21:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	268056	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	266044	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	123857	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	147744	20.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.160%
7) Chloroethane-d5	2.799	69	144200	21.160	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.640%
11) 1,1-Dichloroethene-d2	3.917	65	34739	19.888	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.560%
21) 2-Butanone-d5	6.987	46	51362	43.397	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.800%
24) Chloroform-d	7.563	84	189670	21.729	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.920%
26) 1,2-Dichloroethane-d4	8.228	65	96382	22.150	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	8.199	84	384862	23.009	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.040%
36) 1,2-Dichloropropane-d6	9.205	67	118325	23.008	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.040%
41) Toluene-d8	10.269	98	352019	22.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	10.528	79	49308	21.207	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.840%
47) 2-Hexanone-d5	10.875	63	43450	44.229	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.460%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	105242	21.178	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	106979	23.625	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	4432	0.998	ug/L	95
3) Chloromethane	2.146	50	6073	1.054	ug/L #	70
5) Vinyl chloride	2.281	62	8165	0.991	ug/L #	65
6) Bromomethane	2.693	94	6471	1.052	ug/L	77
8) Chloroethane	2.828	64	5378	0.969	ug/L	83
9) Trichlorofluoromethane	3.170	101	5304	0.777	ug/L #	79
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	2327	0.523	ug/L #	33
12) 1,1-Dichloroethene	3.934	96	5309	1.346	ug/L #	1
13) Acetone	4.028	43	2038	1.684	ug/L	61
14) Carbon disulfide	4.275	76	6162	0.450	ug/L #	77
15) Methyl Acetate	4.552	43	690	0.337	ug/L #	53
16) Methylene chloride	4.799	84	33205	5.905	ug/L	79
19) 1,1-Dichloroethane	6.105	63	6919	0.928	ug/L #	84
22) 2-Butanone	7.069	43	2758	1.629	ug/L #	68
23) Bromochloromethane	7.428	128	1094	0.453	ug/L	89
25) Chloroform	7.593	83	12786	1.566	ug/L	97
27) 1,2-Dichloroethane	8.316	62	5173	1.011	ug/L	96
29) Cyclohexane	7.875	56	4559	0.778	ug/L #	69
30) 1,1,1-Trichloroethane	7.793	97	5667	0.860	ug/L #	75

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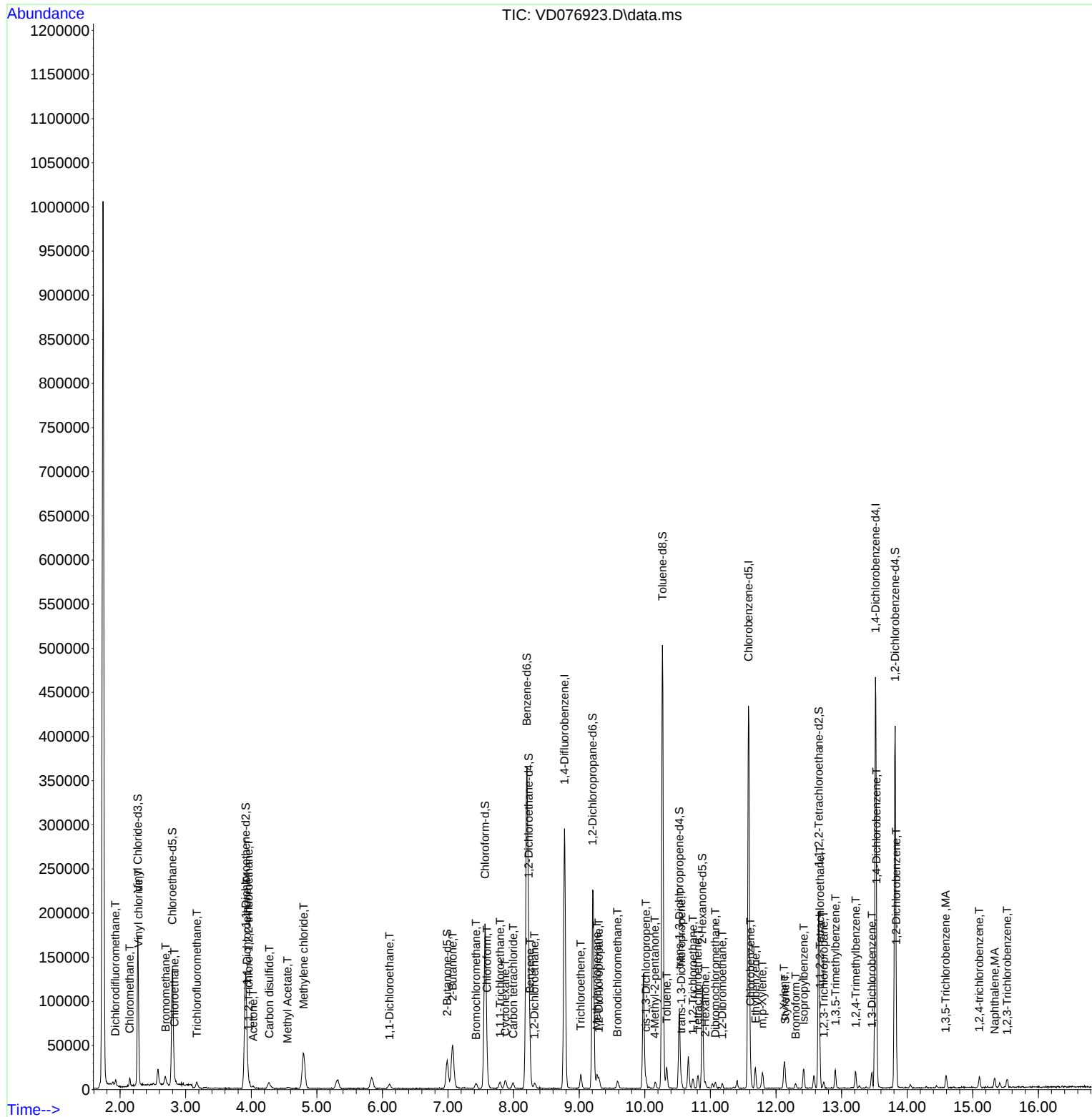
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	7.993	117	4637	0.859	ug/L	92
33) Benzene	8.252	78	15548	0.892	ug/L	100
34) Trichloroethene	9.022	95	5382	1.185	ug/L	86
35) Methylcyclohexane	9.269	83	6117	0.826	ug/L	90
37) 1,2-Dichloropropane	9.299	63	3667	0.828	ug/L	98
38) Bromodichloromethane	9.581	83	5403	0.886	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	6035	0.844	ug/L	95
40) 4-Methyl-2-pentanone	10.152	43	4697	1.683	ug/L #	95
42) Toluene	10.334	91	17155	0.905	ug/L	95
44) trans-1,3-Dichloropropene	10.557	75	7297	1.168	ug/L	90
45) 1,1,2-Trichloroethane	10.734	97	3336	0.847	ug/L #	85
46) Tetrachloroethene	10.804	164	2992	0.874	ug/L	86
48) 2-Hexanone	10.922	43	3311	1.543	ug/L #	91
49) Dibromochloromethane	11.075	129	3833	0.875	ug/L #	65
50) 1,2-Dibromoethane	11.181	107	3312	0.863	ug/L #	41
51) Chlorobenzene	11.610	112	10583	0.857	ug/L	94
52) Ethylbenzene	11.687	91	16806	0.832	ug/L	99
53) m,p-Xylene	11.793	106	5671	0.727	ug/L	96
54) o-Xylene	12.122	106	5973	0.797	ug/L	79
55) Styrene	12.140	104	9936	0.733	ug/L	85
57) 1,1,2,2-Tetrachloroethane	12.669	83	4455	0.915	ug/L #	93
59) Bromoform	12.299	173	1899	0.773	ug/L #	76
60) Isopropylbenzene	12.422	105	14380	0.807	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	2942	1.018	ug/L #	89
62) 1,3,5-Trimethylbenzene	12.904	105	10884	0.802	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	10388	0.769	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	7438	0.915	ug/L	91
65) 1,4-Dichlorobenzene	13.534	146	8465	1.007	ug/L	94
67) 1,2-Dichlorobenzene	13.834	146	7586	0.995	ug/L #	93
69) 1,3,5-Trichlorobenzene	14.587	180	4578	0.900	ug/L	94
70) 1,2,4-trichlorobenzene	15.098	180	4564	1.020	ug/L	94
71) Naphthalene	15.334	128	9929	0.944	ug/L #	89
72) 1,2,3-Trichlorobenzene	15.522	180	2561	0.631	ug/L #	63

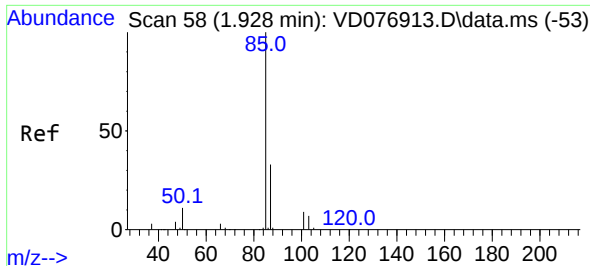
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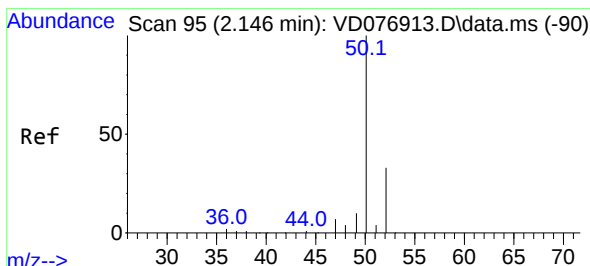
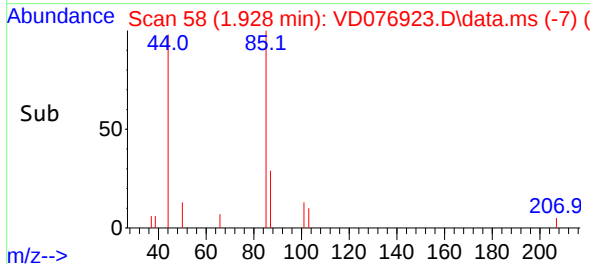
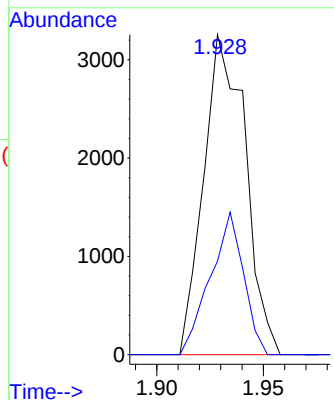
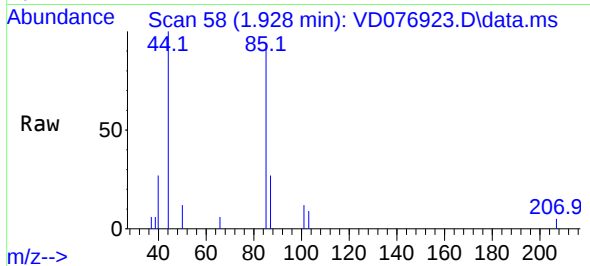




#2
Dichlorodifluoromethane
Concen: 0.998 ug/L
RT: 1.928 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

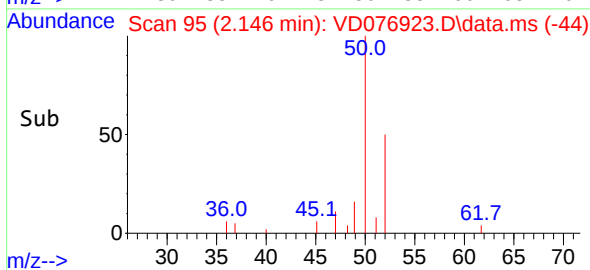
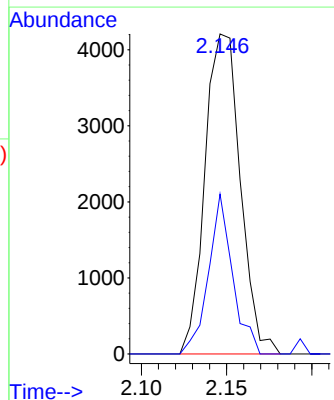
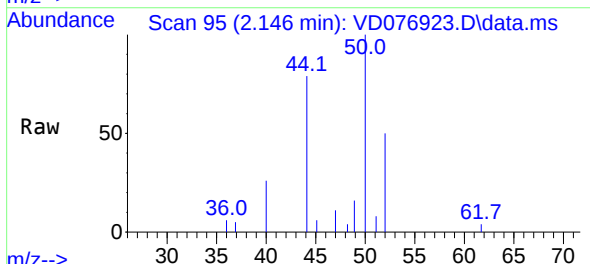
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ClientSampleId :
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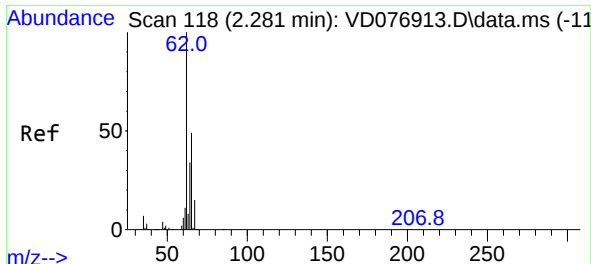
Tgt Ion: 85 Resp: 4432
Ion Ratio Lower Upper
85 100
87 35.5 26.3 39.5



#3
Chloromethane
Concen: 1.054 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion: 50 Resp: 6073
Ion Ratio Lower Upper
50 100
52 50.0 23.2 43.2#

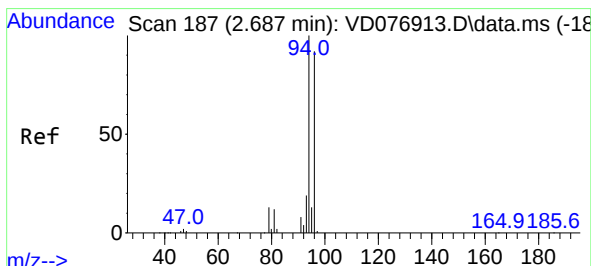
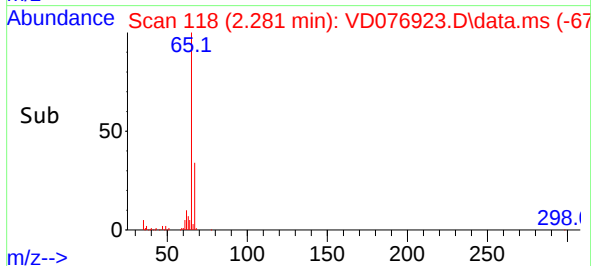
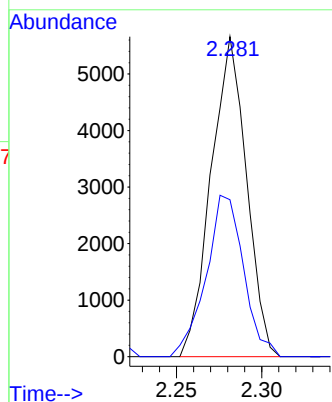
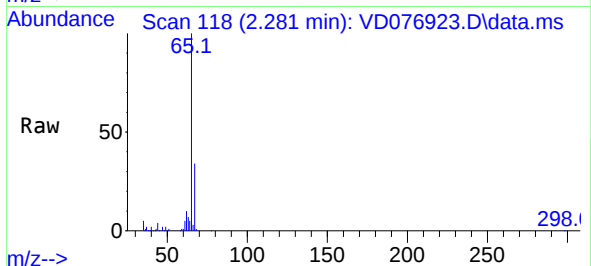




#5
Vinyl chloride
Concen: 0.991 ug/L
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

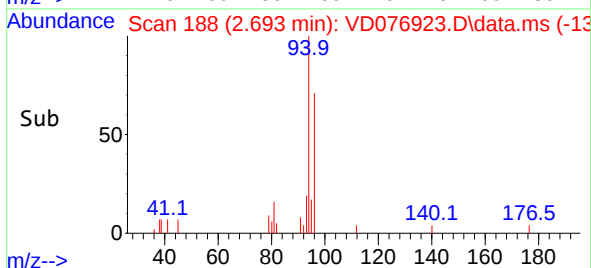
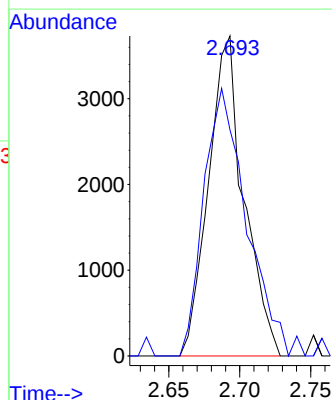
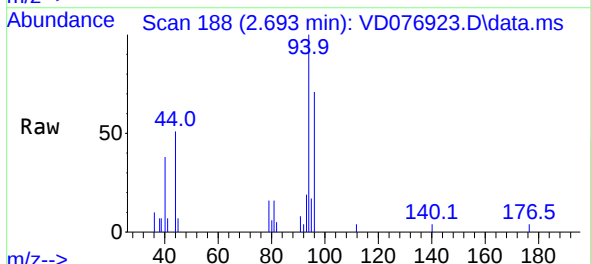
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2023-06

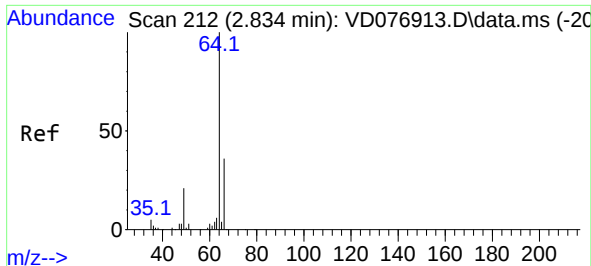
Tgt Ion: 62 Resp: 8165
Ion Ratio Lower Upper
62 100
64 49.0 21.1 39.1#



#6
Bromomethane
Concen: 1.052 ug/L
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion: 94 Resp: 6471
Ion Ratio Lower Upper
94 100
96 70.7 64.7 120.1

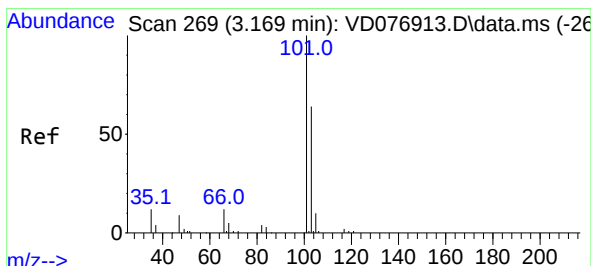
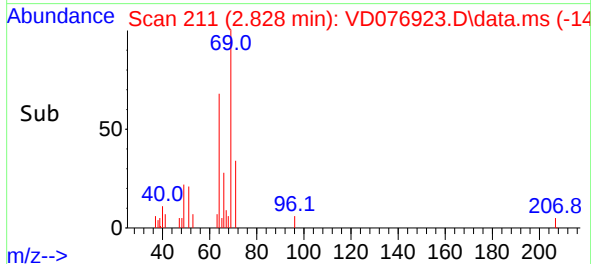
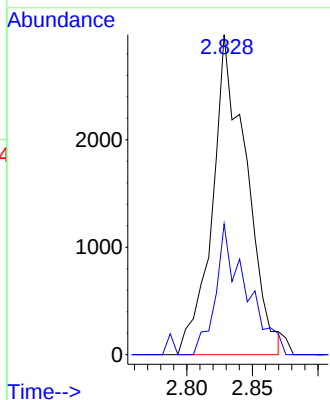
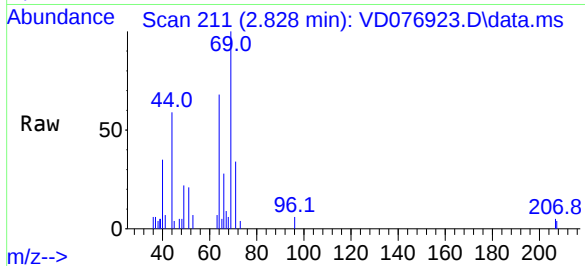




#8
Chloroethane
Concen: 0.969 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

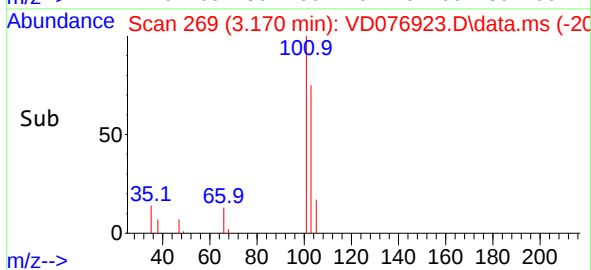
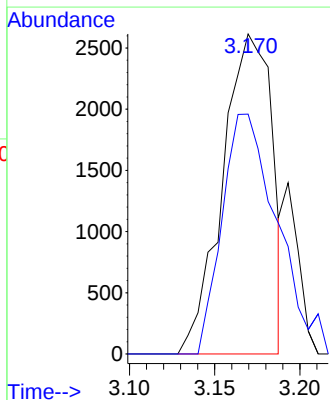
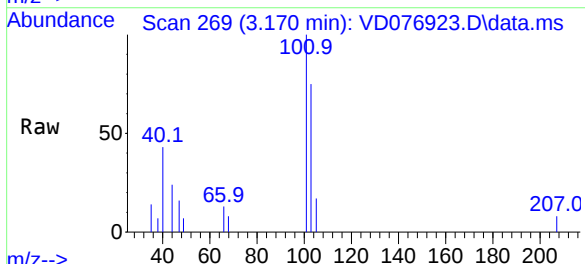
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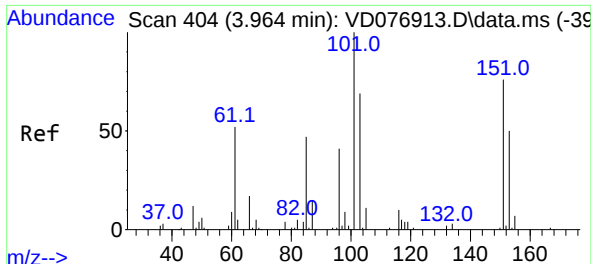
Tgt Ion: 64 Resp: 5378
Ion Ratio Lower Upper
64 100
66 40.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 0.777 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion:101 Resp: 5304
Ion Ratio Lower Upper
101 100
103 80.9 51.8 77.6#

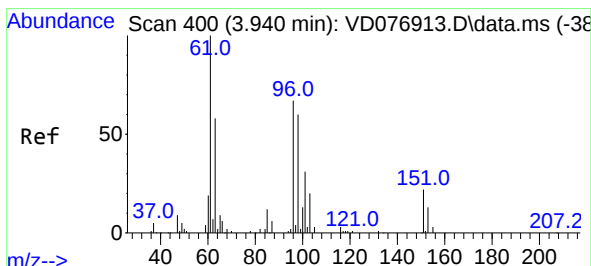
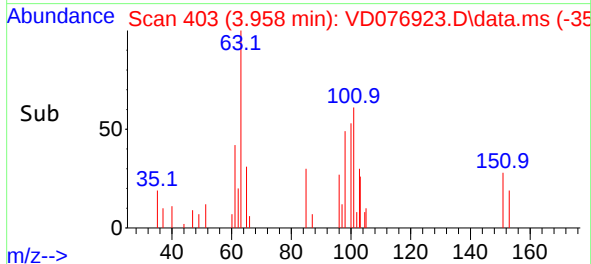
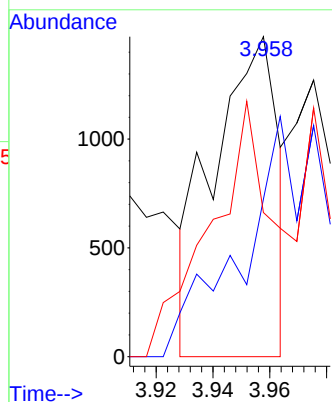
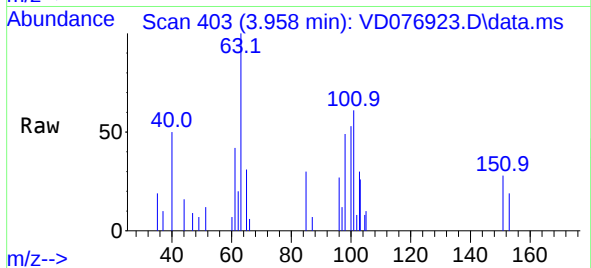




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.523 ug/L
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

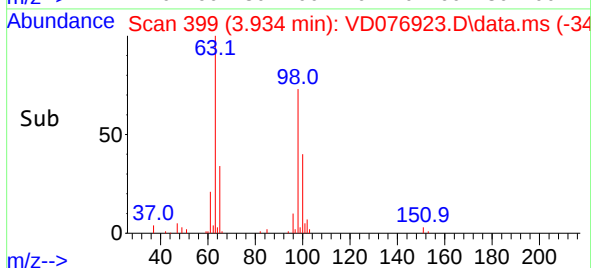
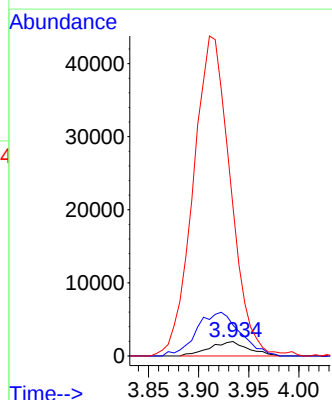
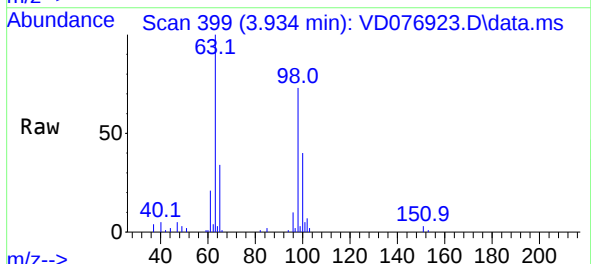
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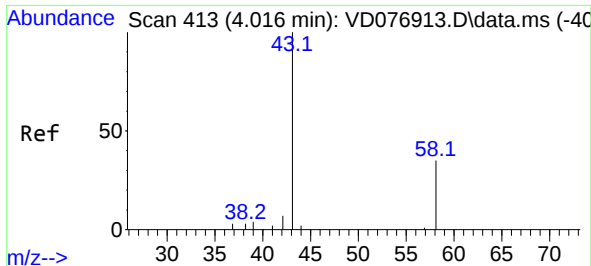
Tgt Ion:101 Resp: 2327
Ion Ratio Lower Upper
101 100
85 22.1 35.5 53.3#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 1.346 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion: 96 Resp: 5309
Ion Ratio Lower Upper
96 100
61 213.4 113.0 209.8#
63 1032.0 83.6 155.2#

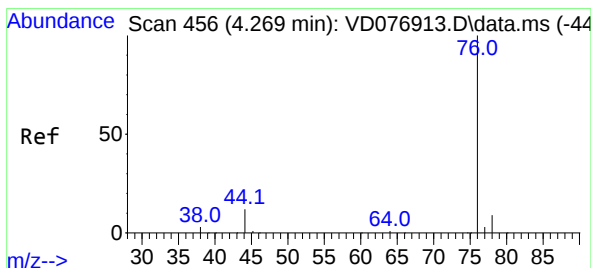
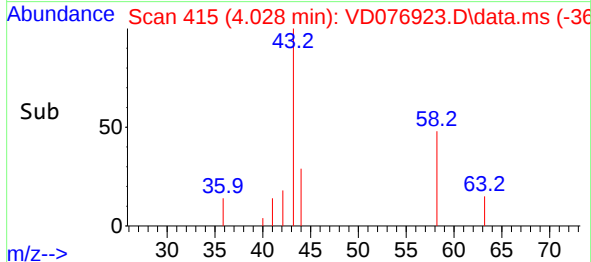
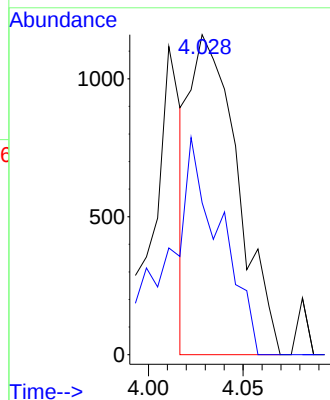
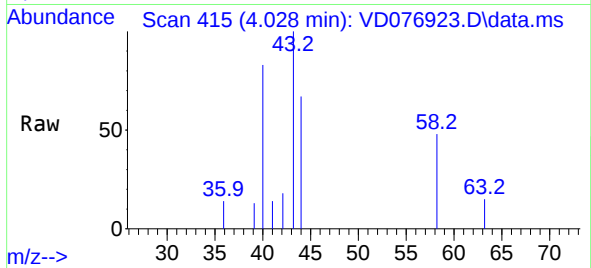




#13
Acetone
Concen: 1.684 ug/L
RT: 4.028 min Scan# 413
Delta R.T. 0.012 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

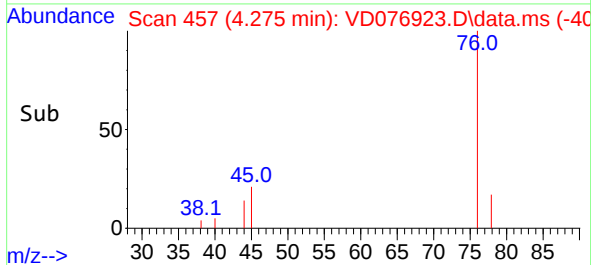
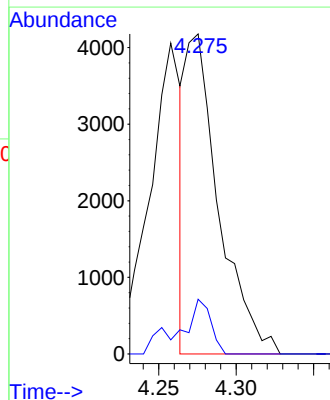
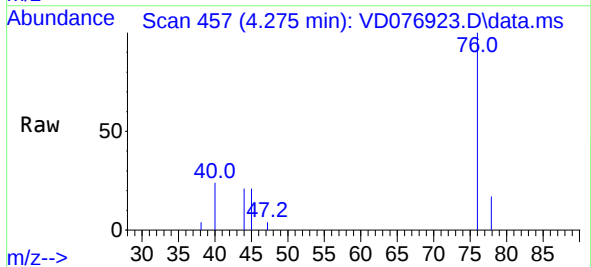
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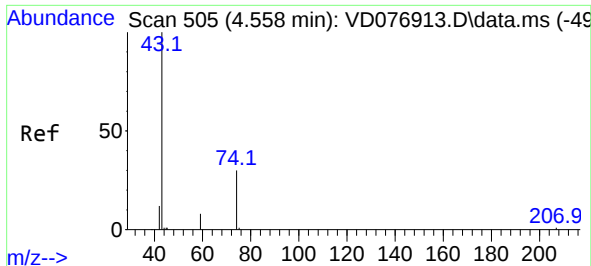
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Ion Ratio Lower Upper
43 100
58 56.2 0.0 67.4



#14
Carbon disulfide
Concen: 0.450 ug/L
RT: 4.275 min Scan# 457
Delta R.T. 0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion: 76 Resp: 6162
Ion Ratio Lower Upper
76 100
78 17.1 7.0 10.4#

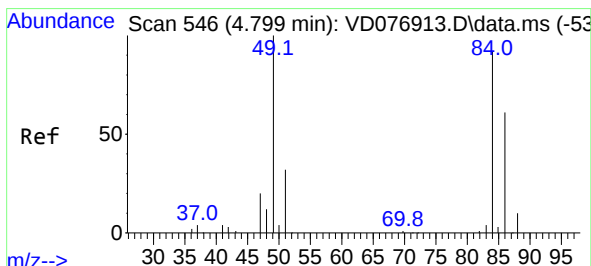
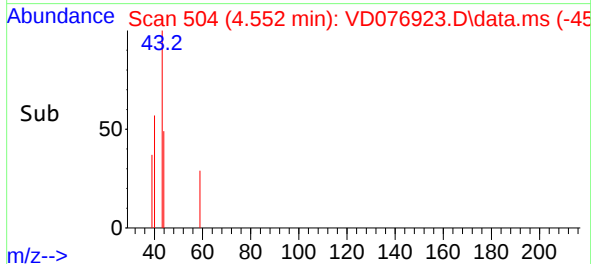
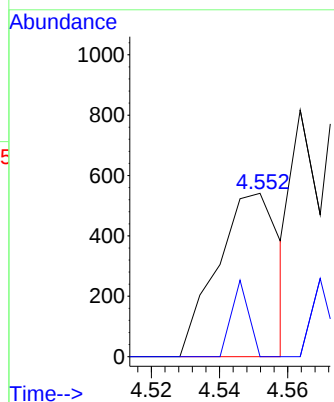
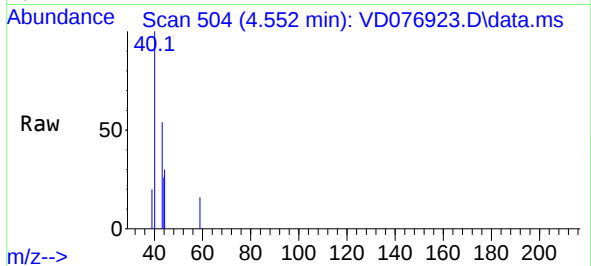




#15
Methyl Acetate
Concen: 0.337 ug/L
RT: 4.552 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

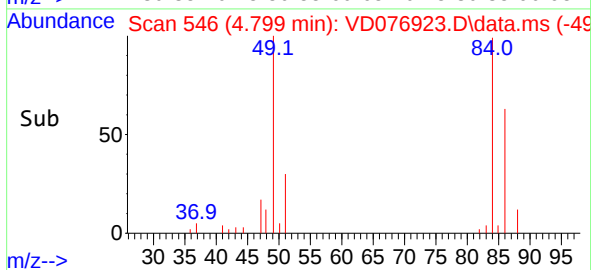
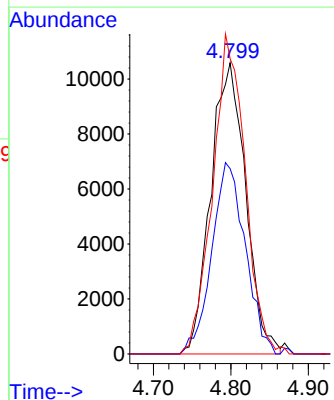
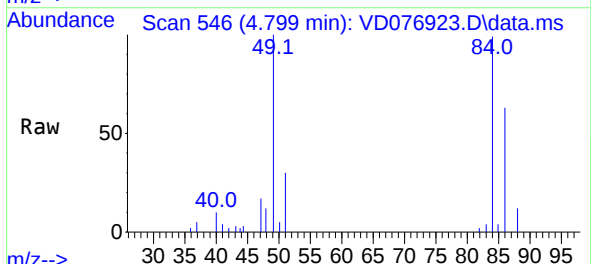
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2023-06

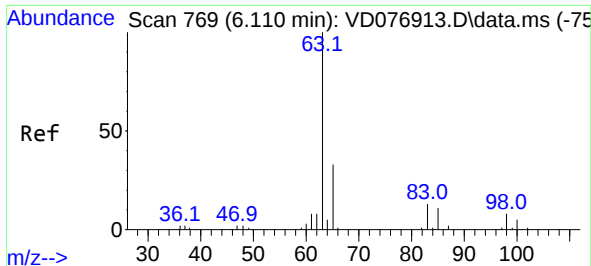
Tgt Ion: 43 Resp: 690
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.2#



#16
Methylene chloride
Concen: 5.905 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion: 84 Resp: 33205
Ion Ratio Lower Upper
84 100
86 63.6 45.1 83.9
49 101.4 97.2 180.6

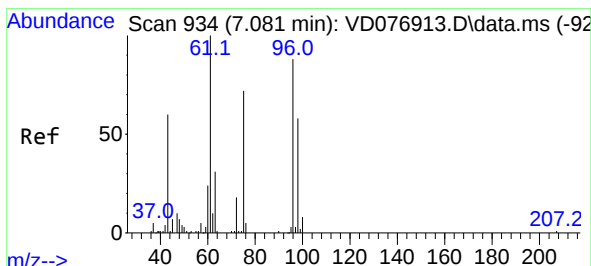
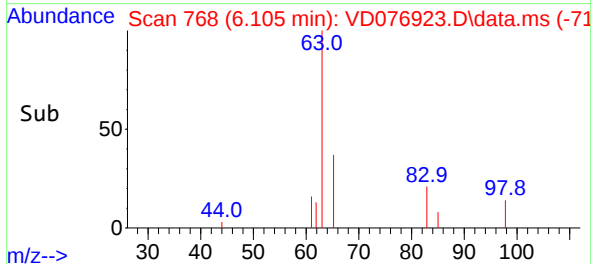
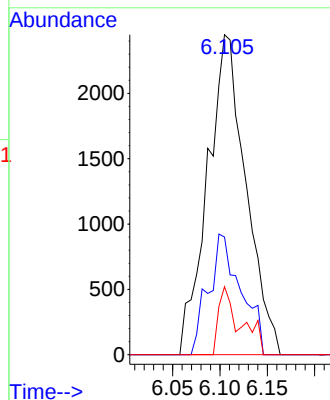
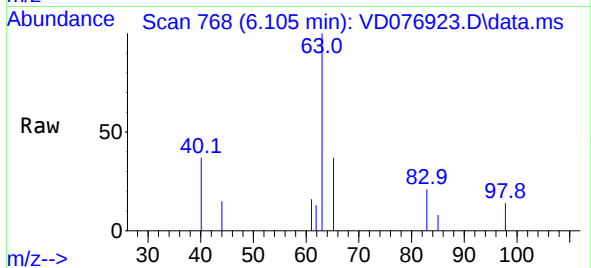




#19
1,1-Dichloroethane
Concen: 0.928 ug/L
RT: 6.105 min Scan# 769
Delta R.T. -0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

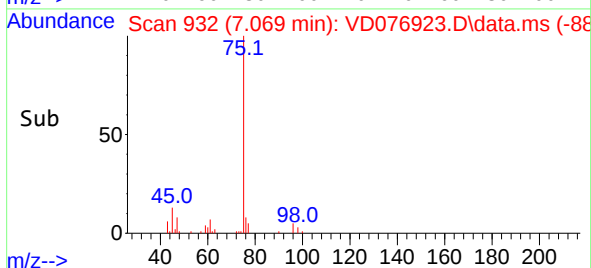
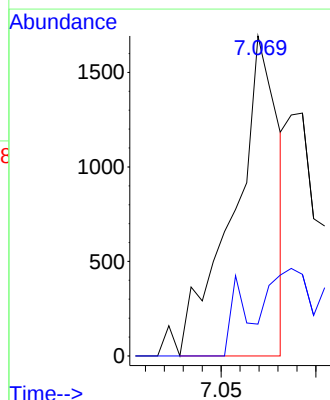
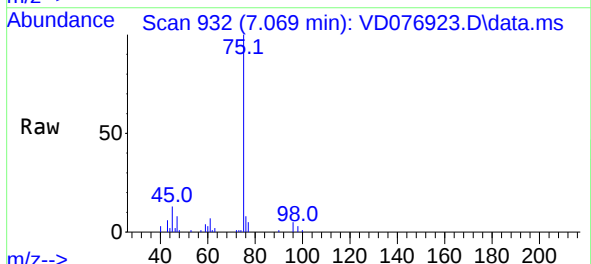
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2023-06

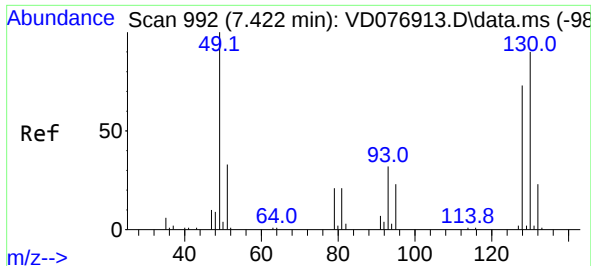
Tgt Ion:	63	Resp:	6919
Ion	Ratio	Lower	Upper
63	100		
65	36.7	20.8	38.6
83	21.3	8.9	16.5



#22
2-Butanone
Concen: 1.629 ug/L
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

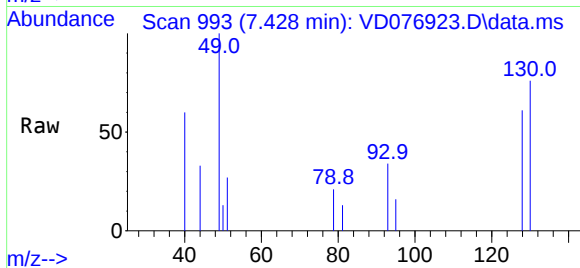
Tgt Ion:	43	Resp:	2758
Ion	Ratio	Lower	Upper
43	100		
72	9.8	12.9	38.7





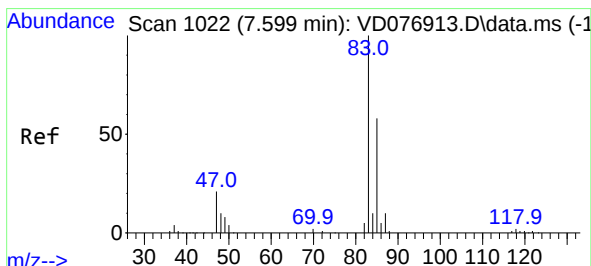
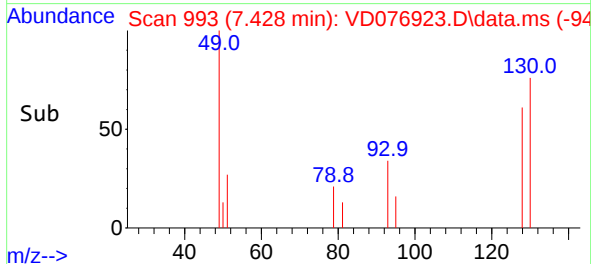
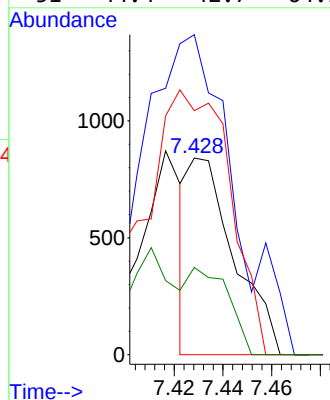
#23
Bromochloromethane
Concen: 0.453 ug/L
RT: 7.428 min Scan# 992
Delta R.T. 0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2023-06



Tgt Ion:128 Resp: 1094

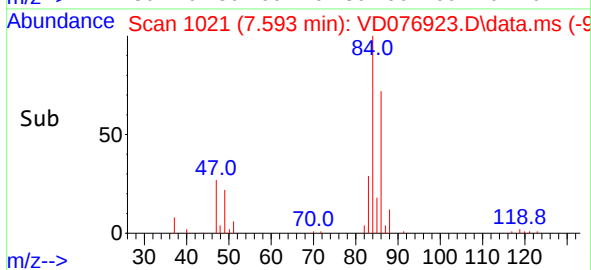
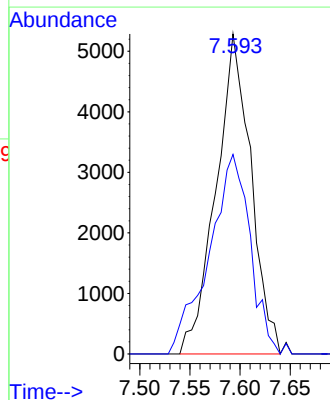
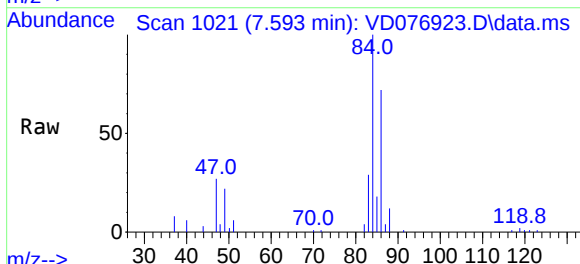
Ion	Ratio	Lower	Upper
128	100		
49	162.8	124.7	231.7
130	124.1	80.0	148.6
51	44.4	42.7	64.1

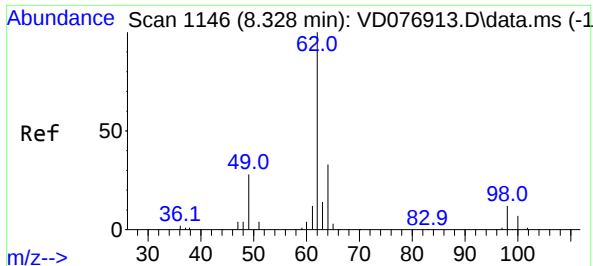


#25
Chloroform
Concen: 1.566 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion: 83 Resp: 12786

Ion	Ratio	Lower	Upper
83	100		
85	62.4	45.4	84.4

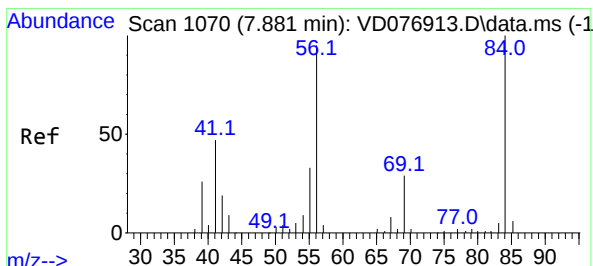
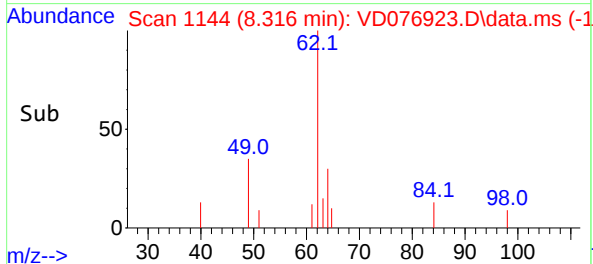
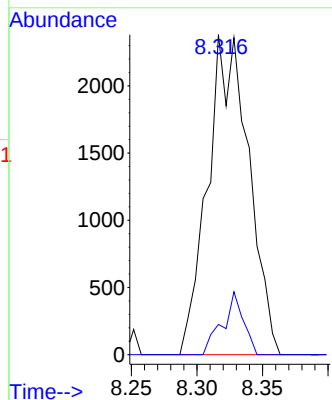
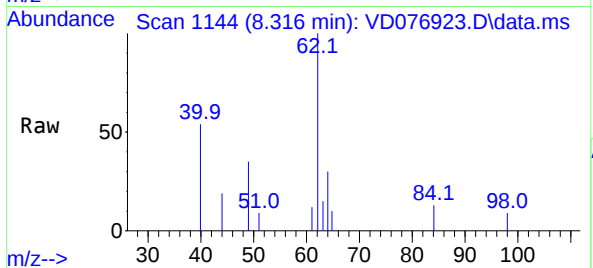




#27
1,2-Dichloroethane
Concen: 1.011 ug/L
RT: 8.316 min Scan# 1146
Delta R.T. -0.012 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

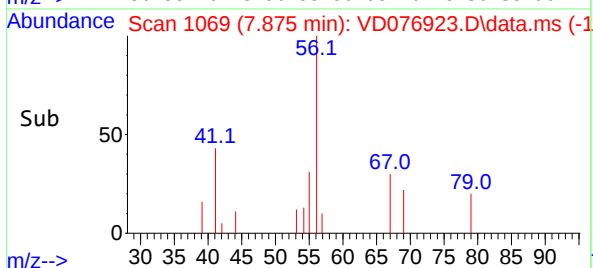
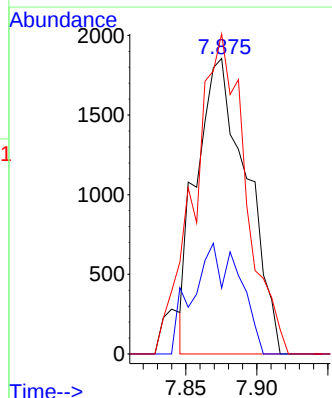
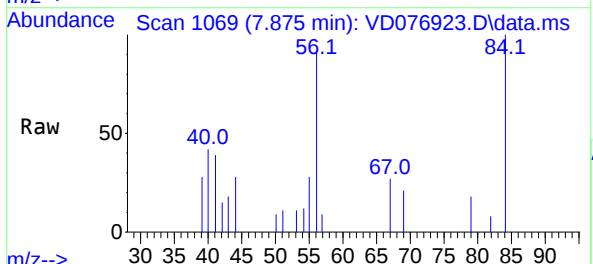
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT3-2023-06

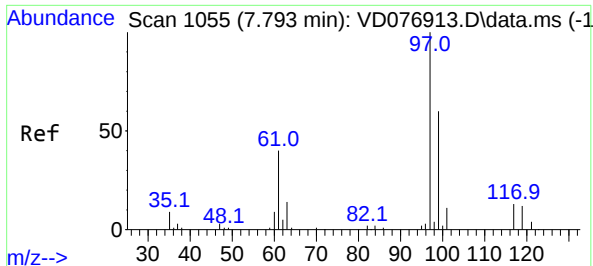
Tgt Ion: 62 Resp: 5173
Ion Ratio Lower Upper
62 100
98 9.4 8.7 13.1



#29
Cyclohexane
Concen: 0.778 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion: 56 Resp: 4559
Ion Ratio Lower Upper
56 100
69 13.1 23.4 35.0#
84 111.1 66.3 99.5#

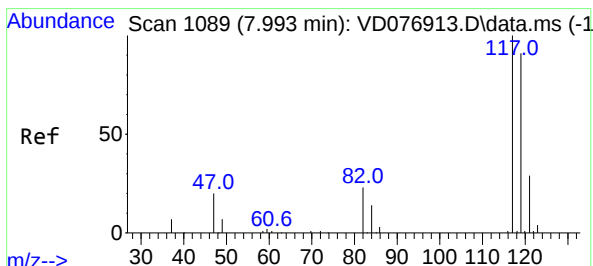
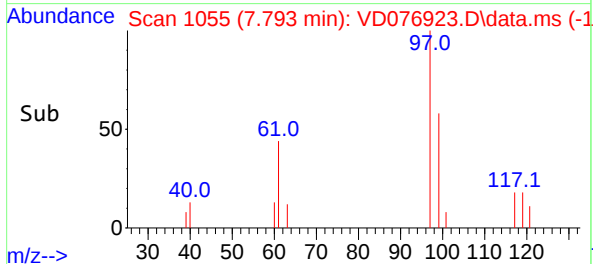
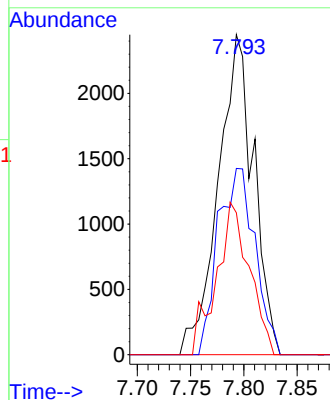
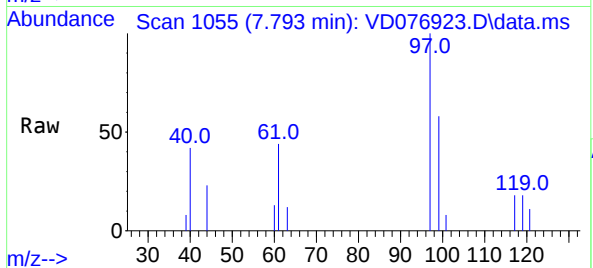




#30
1,1,1-Trichloroethane
Concen: 0.860 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

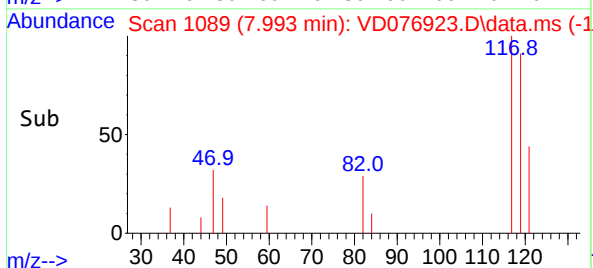
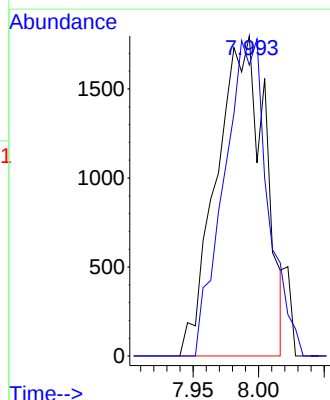
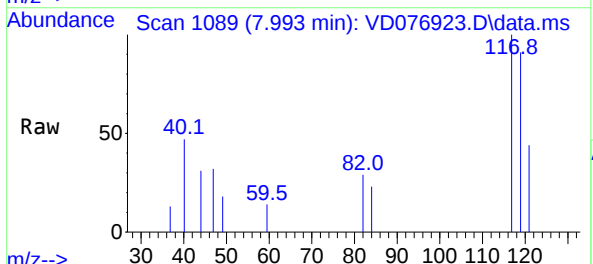
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2023-06

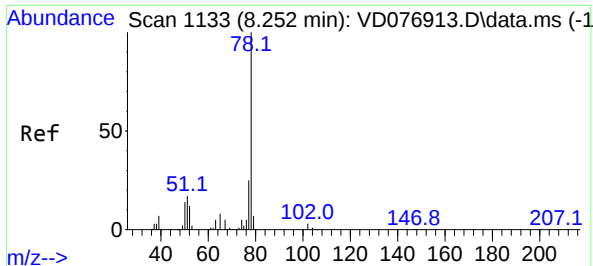
Tgt Ion: 97	Resp: 5667
Ion Ratio	Lower Upper
97 100	
99 35.5	51.0 76.6#
61 39.8	36.4 54.6



#31
Carbon tetrachloride
Concen: 0.859 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion: 117	Resp: 4637
Ion Ratio	Lower Upper
117 100	
119 89.4	77.8 116.6

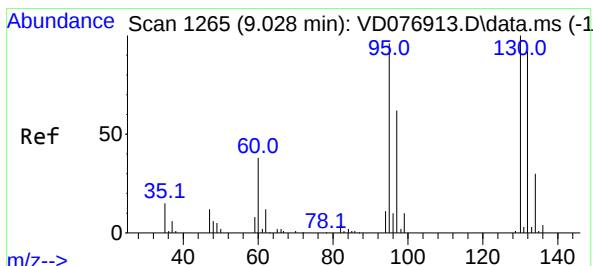
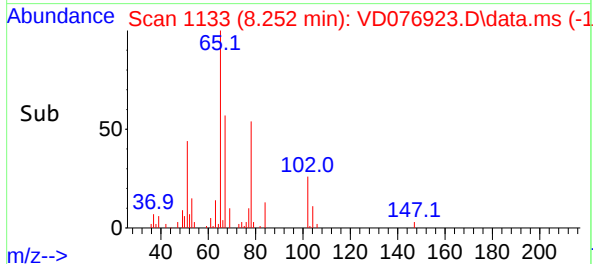
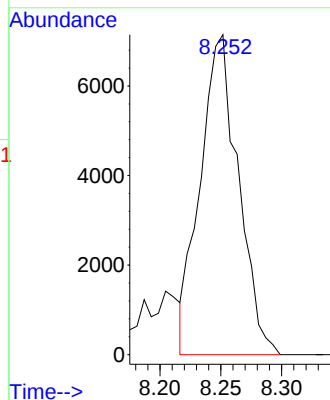
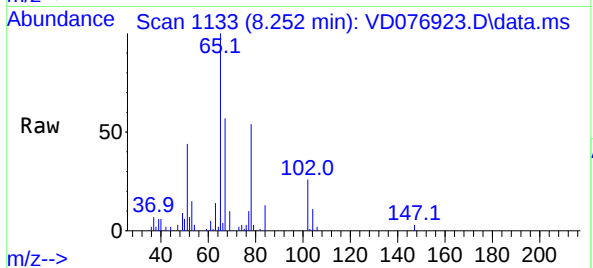




#33
Benzene
Concen: 0.892 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT3-2023-06

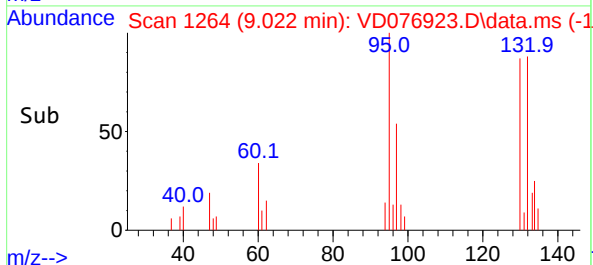
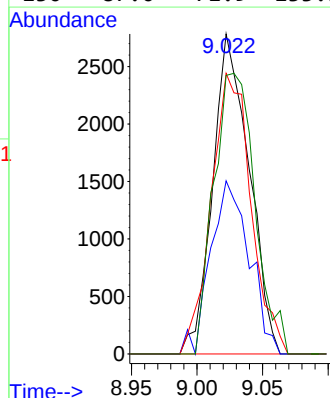
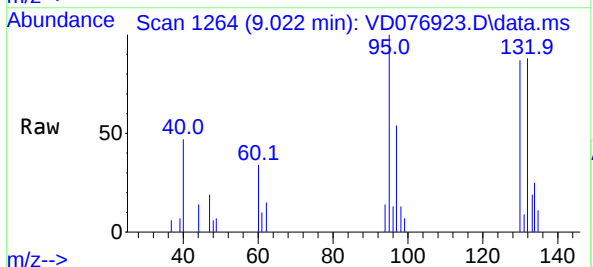
Tgt Ion: 78 Resp: 15548

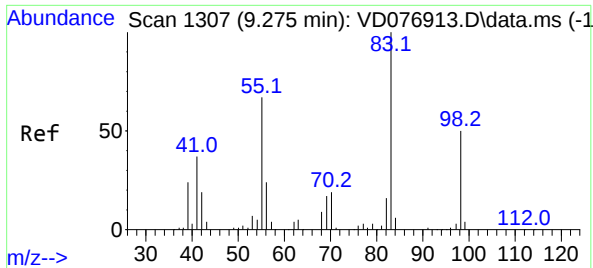


#34
Trichloroethene
Concen: 1.185 ug/L
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion: 95 Resp: 5382

Ion	Ratio	Lower	Upper
95	100		
97	54.1	43.1	80.1
132	87.7	71.8	133.4
130	87.0	71.9	133.5

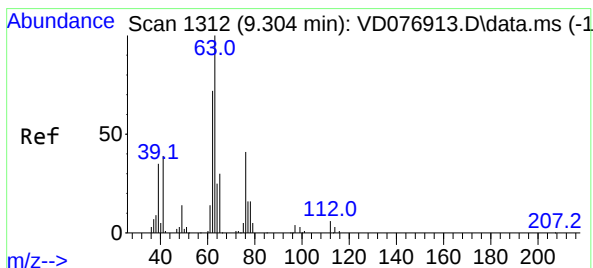
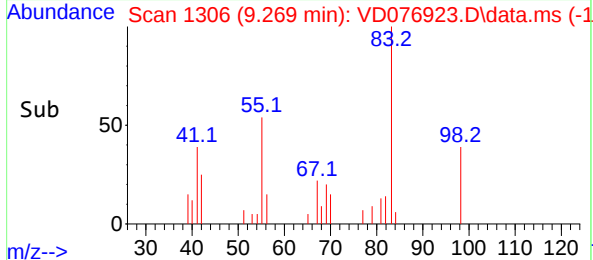
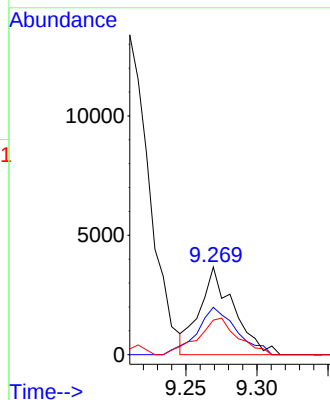
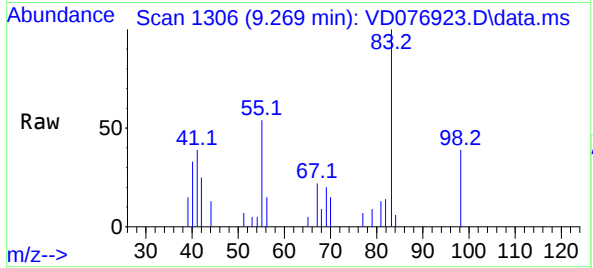




#35
Methylcyclohexane
Concen: 0.826 ug/L
RT: 9.269 min Scan# 111
Delta R.T. -0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

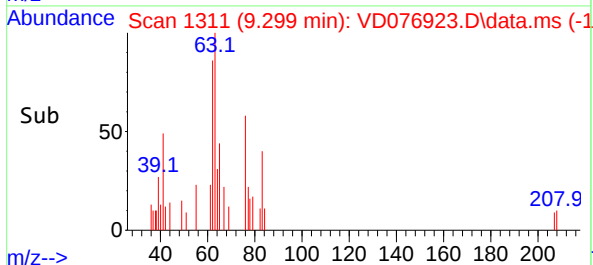
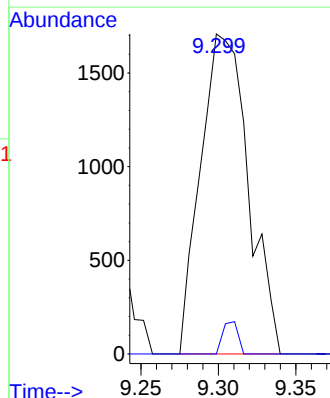
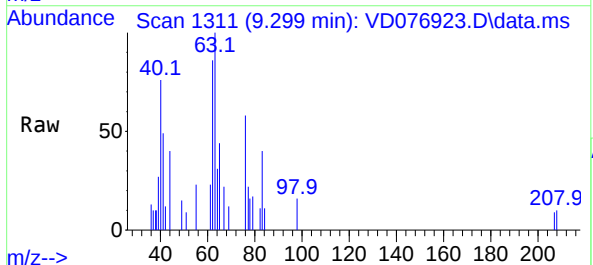
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2023-06

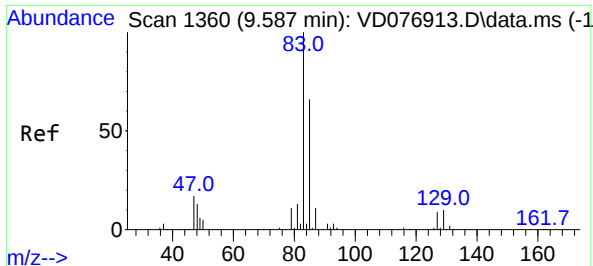
Tgt Ion: 83	Resp: 6117
Ion Ratio	Lower Upper
83 100	
55 62.4	59.8 89.6
98 48.5	37.8 56.6



#37
1,2-Dichloropropane
Concen: 0.828 ug/L
RT: 9.299 min Scan# 1311
Delta R.T. -0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion: 63	Resp: 3667		
Ion Ratio	Lower	Upper	
63 100			
112 3.2	3.1	4.7	

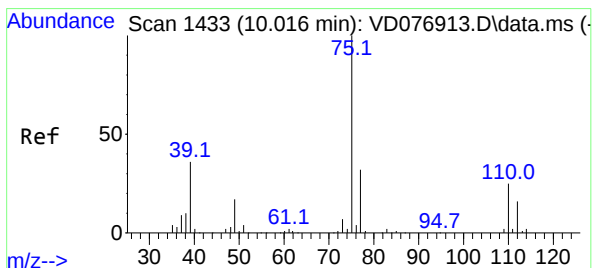
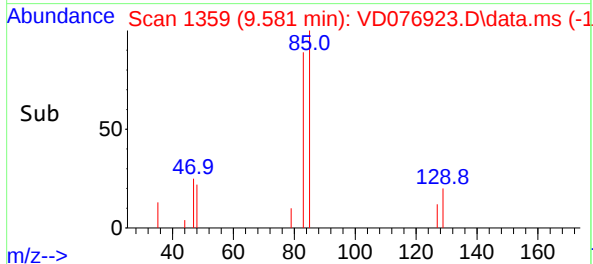
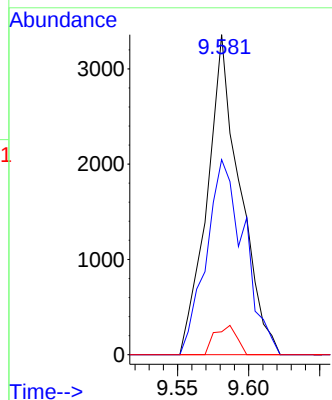
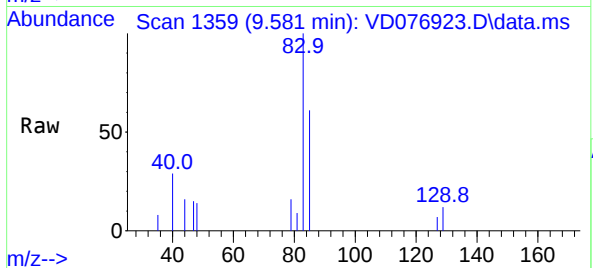




#38
Bromodichloromethane
Concen: 0.886 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

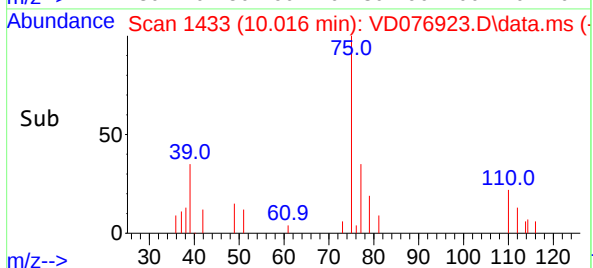
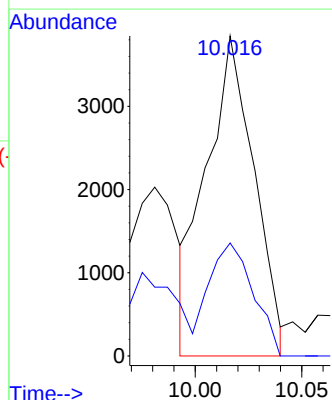
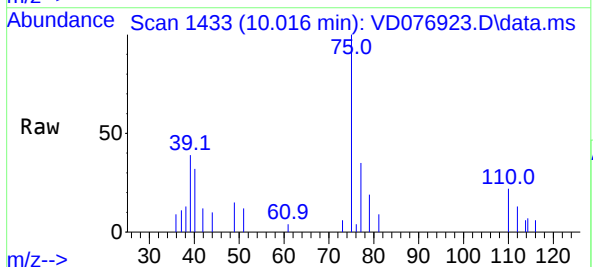
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2023-06

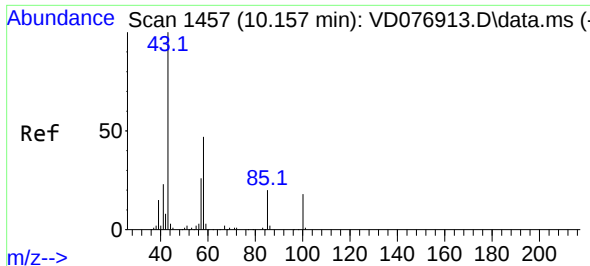
Tgt Ion: 83	Resp: 5403		
Ion Ratio	Lower	Upper	
83 100			
85 60.9	43.9	81.5	
127 7.1	6.6	9.8	



#39
cis-1,3-Dichloropropene
Concen: 0.844 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion: 75	Resp: 6035		
Ion Ratio	Lower	Upper	
75 100			
77 35.3	22.7	42.3	

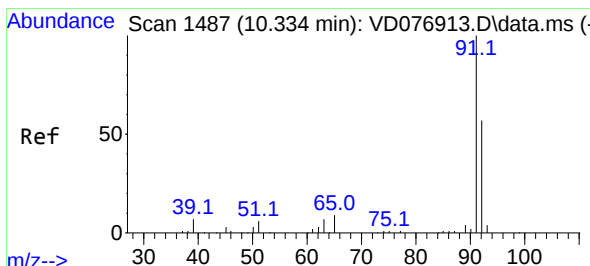
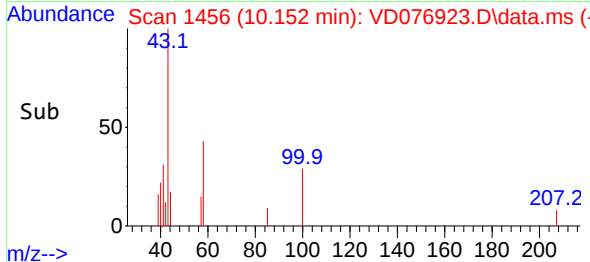
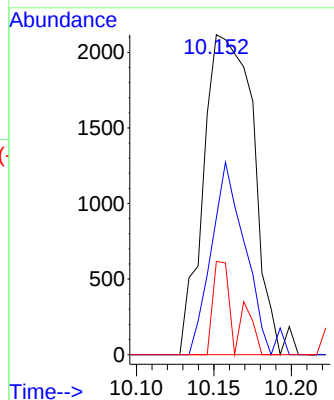
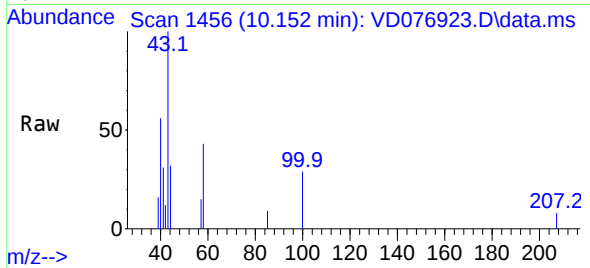




#40
4-Methyl-2-pentanone
Concen: 1.683 ug/L
RT: 10.152 min Scan# 1456
Delta R.T. -0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

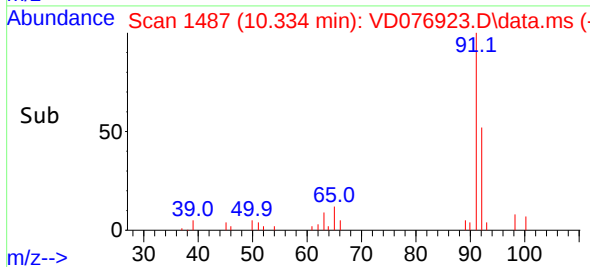
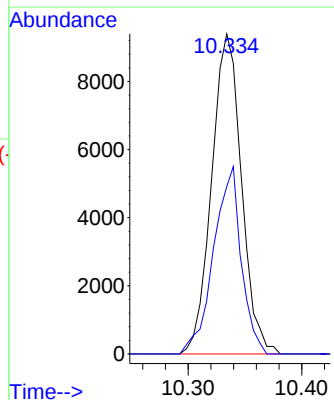
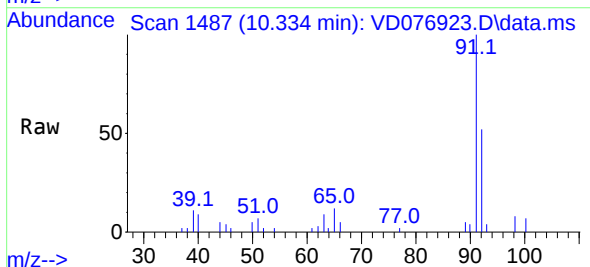
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT3-2023-06

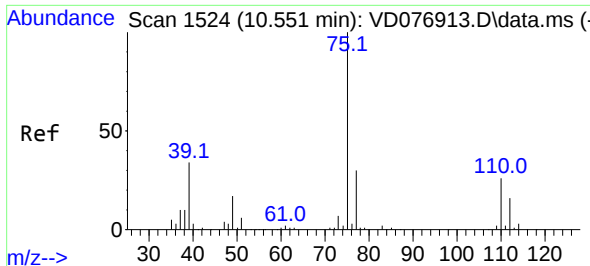
Tgt Ion: 43 Resp: 4697
Ion Ratio Lower Upper
43 100
58 40.4 30.7 46.1
100 9.2 11.0 16.4#



#42
Toluene
Concen: 0.905 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion: 91 Resp: 17155
Ion Ratio Lower Upper
91 100
92 52.3 39.3 73.1

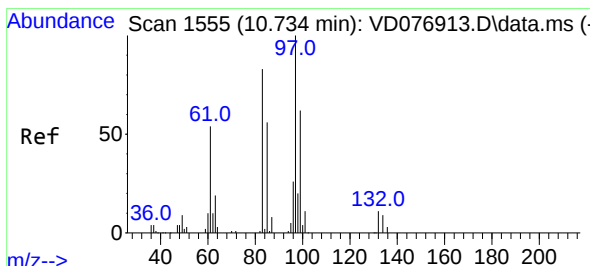
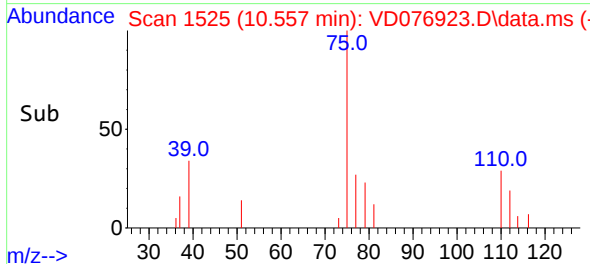
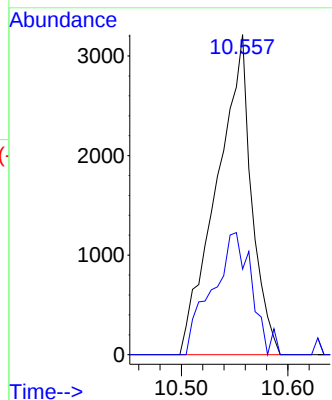
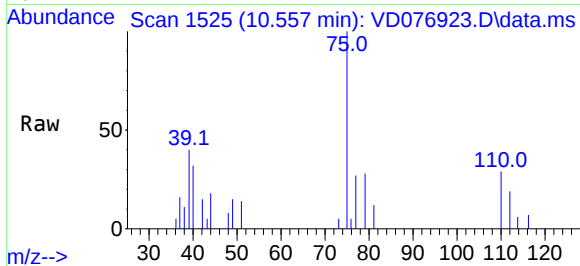




#44
trans-1,3-Dichloropropene
Concen: 1.168 ug/L
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

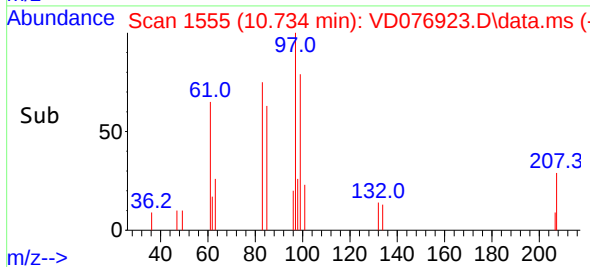
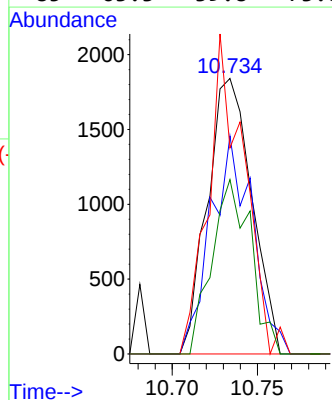
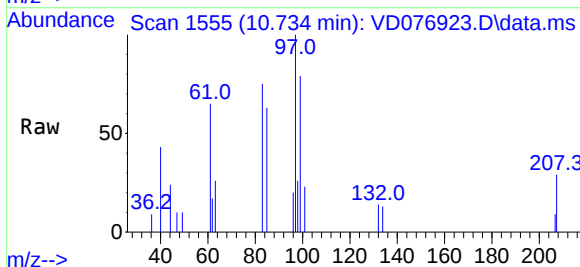
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2023-06

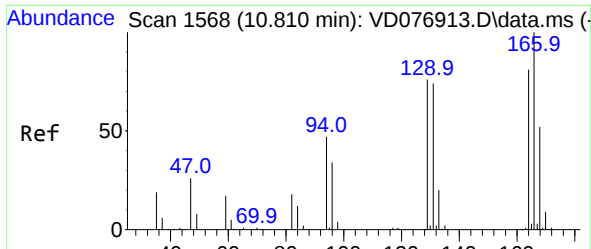
Tgt Ion: 75 Resp: 7297
Ion Ratio Lower Upper
75 100
77 26.8 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 0.847 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion: 97 Resp: 3336
Ion Ratio Lower Upper
97 100
99 79.1 41.9 77.9#
83 74.8 59.2 110.0
85 63.3 39.8 73.8



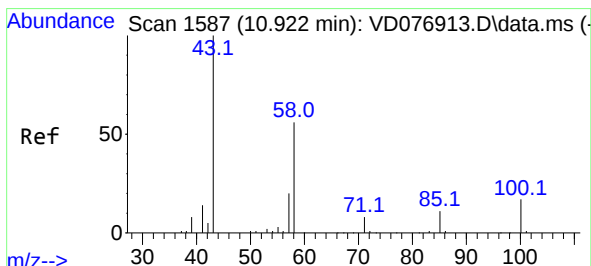
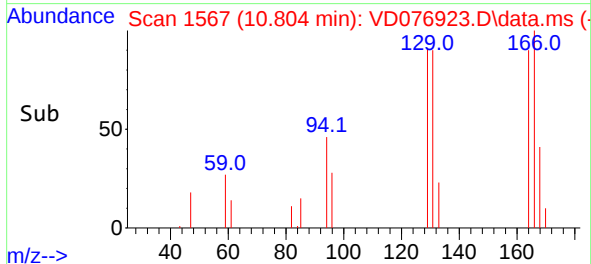
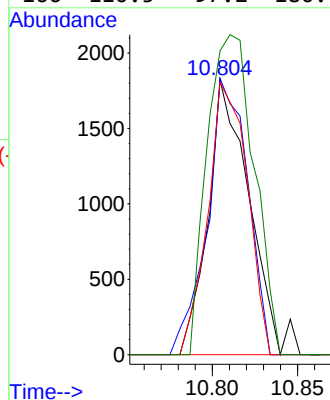
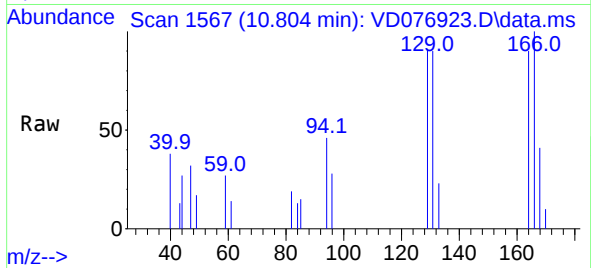


#46
Tetrachloroethene
Concen: 0.874 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2023-06

Tgt Ion:164 Resp: 2992

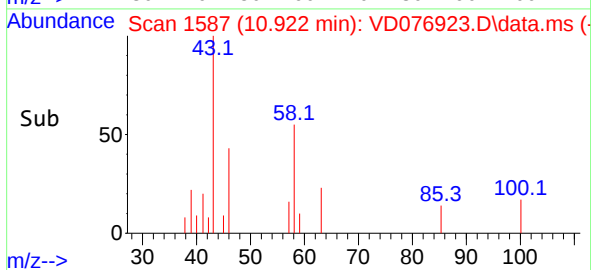
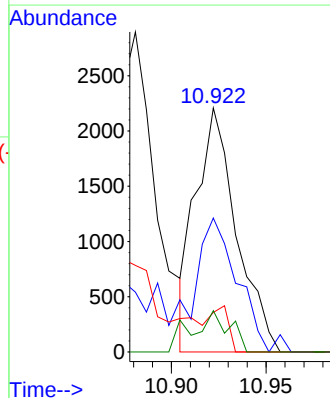
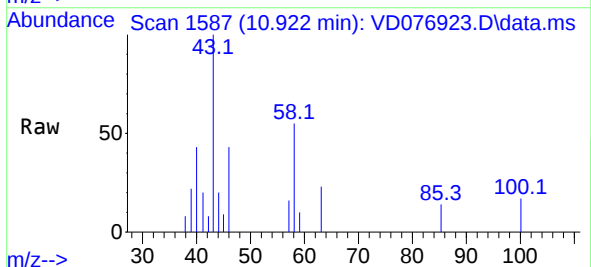
Ion	Ratio	Lower	Upper
164	100		
129	100.5	65.5	121.6
131	99.1	64.8	120.3
166	110.5	97.2	180.4

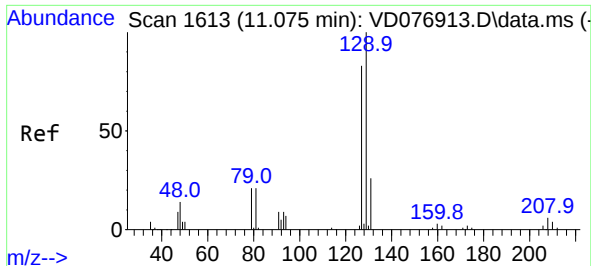


#48
2-Hexanone
Concen: 1.543 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion: 43 Resp: 3311

Ion	Ratio	Lower	Upper
43	100		
58	48.7	42.9	64.3
57	8.3	13.7	20.5
100	10.7	9.4	14.0

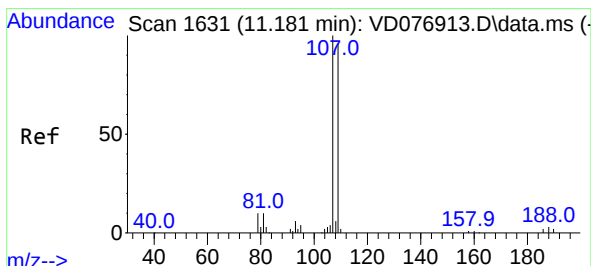
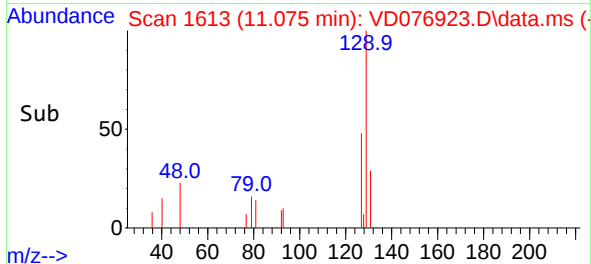
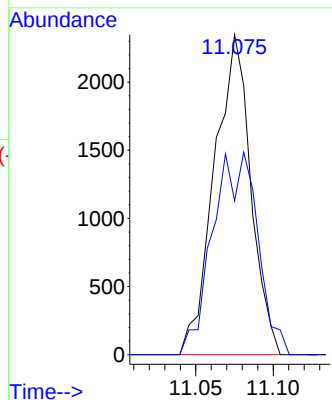
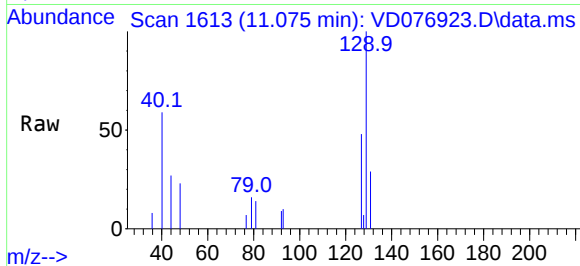




#49
Dibromochloromethane
Concen: 0.875 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

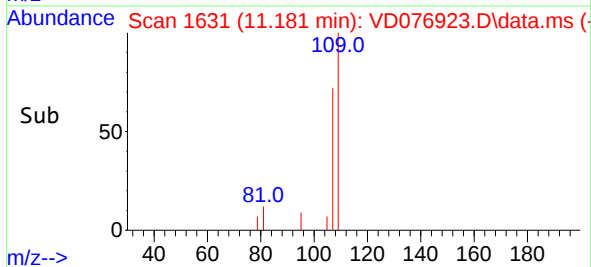
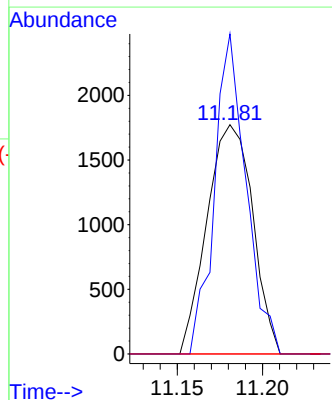
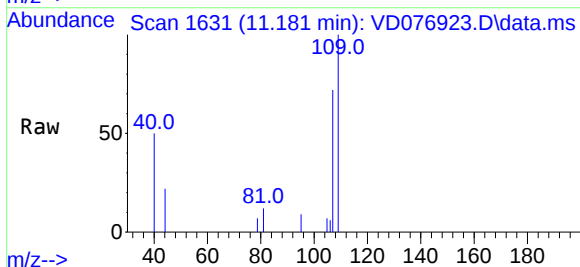
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2023-06

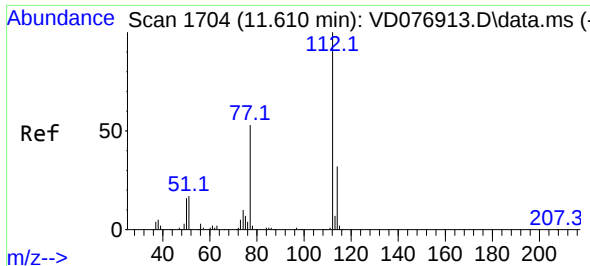
Tgt Ion:129 Resp: 3833
Ion Ratio Lower Upper
129 100
127 48.1 55.2 102.6#



#50
1,2-Dibromoethane
Concen: 0.863 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion:107 Resp: 3312
Ion Ratio Lower Upper
107 100
109 139.6 58.8 109.2#
188 0.0 2.9 4.3#

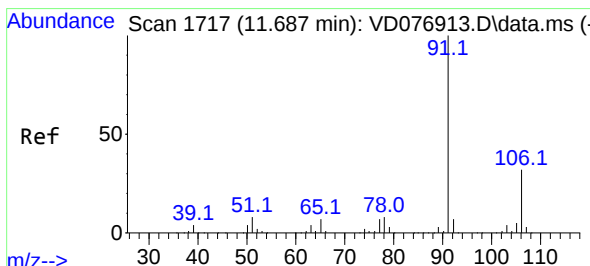
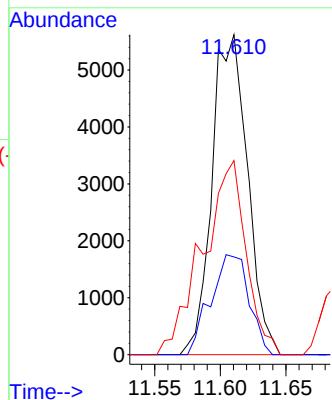
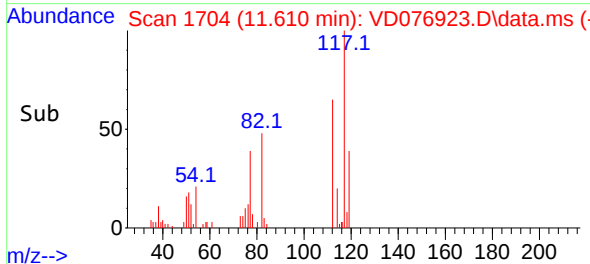
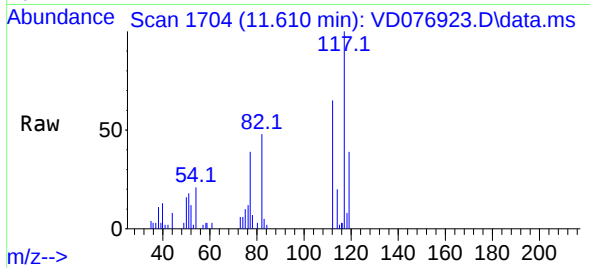




#51
Chlorobenzene
Concen: 0.857 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

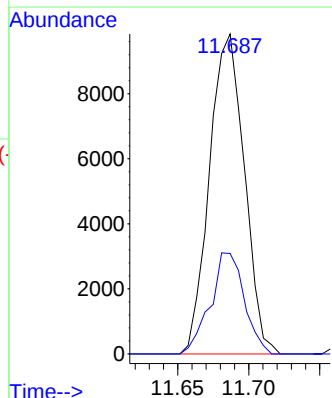
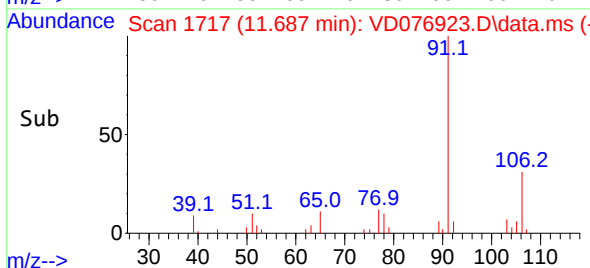
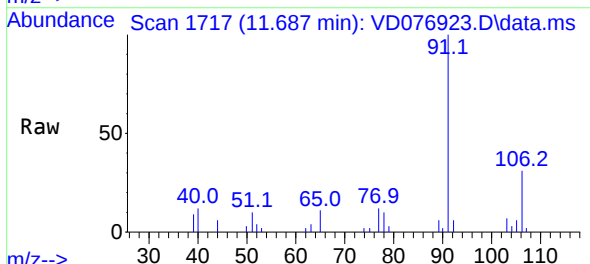
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2023-06

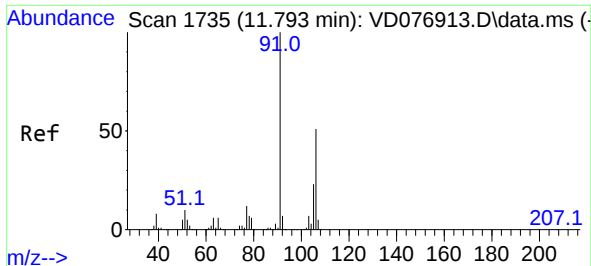
Tgt Ion:	112	Resp:	10583
Ion	Ratio	Lower	Upper
112	100		
114	30.6	21.5	39.9
77	60.7	43.4	65.2



#52
Ethylbenzene
Concen: 0.832 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion:	91	Resp:	16806
Ion	Ratio	Lower	Upper
91	100		
106	31.4	22.4	41.6

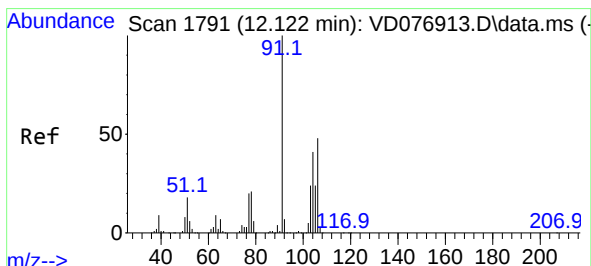
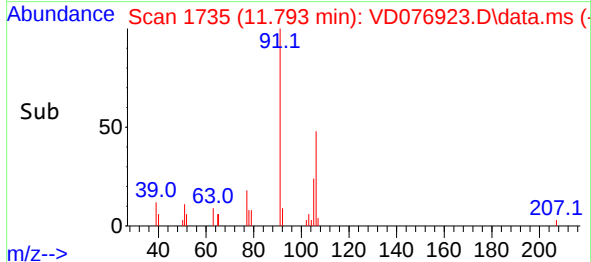
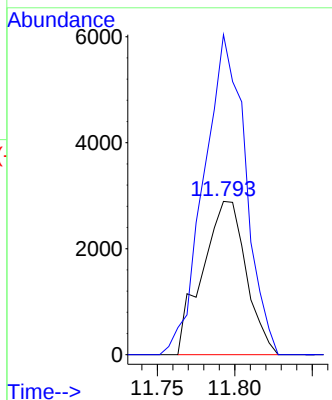
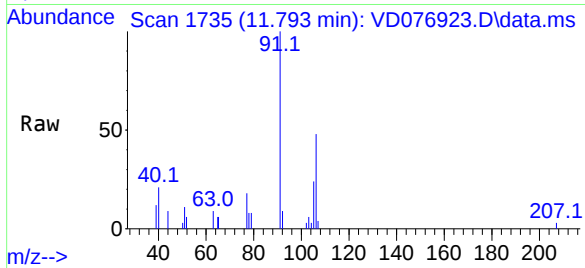




#53
m,p-Xylene
Concen: 0.727 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

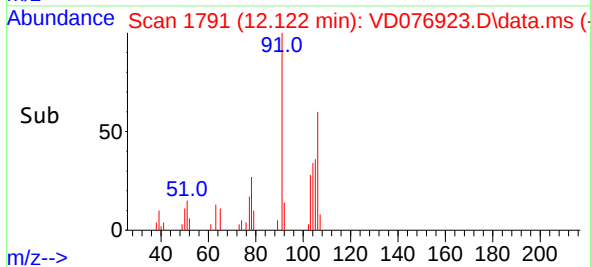
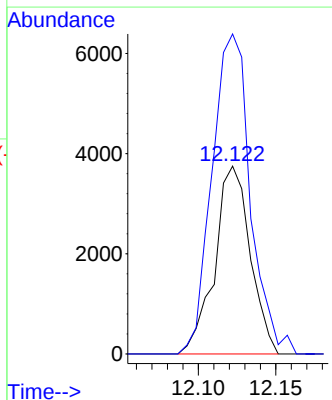
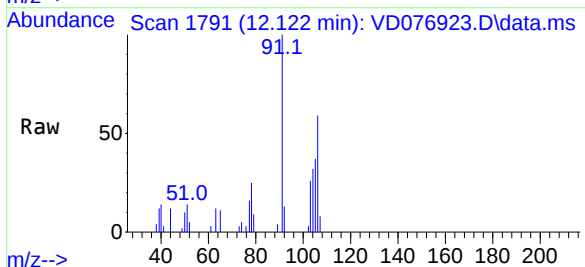
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2023-06

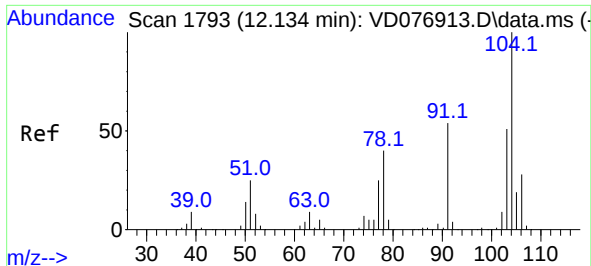
Tgt Ion	106	Resp	5671
Ion Ratio	100		
91	208.7	141.5	262.9



#54
o-Xylene
Concen: 0.797 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion	106	Resp	5973
Ion Ratio	100		
91	170.4	142.2	264.2

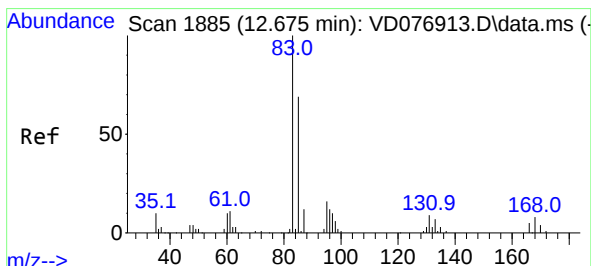
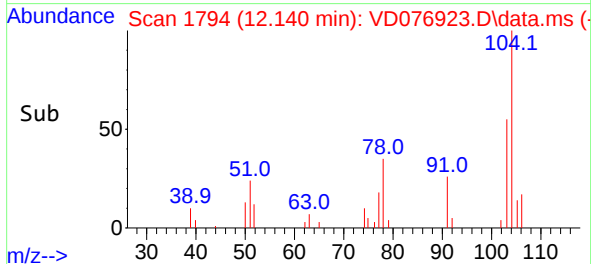
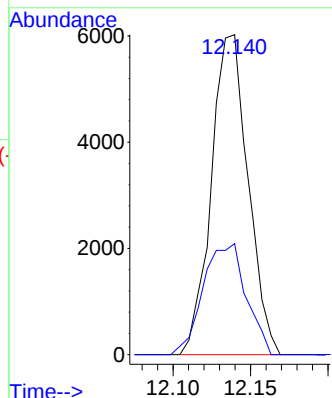
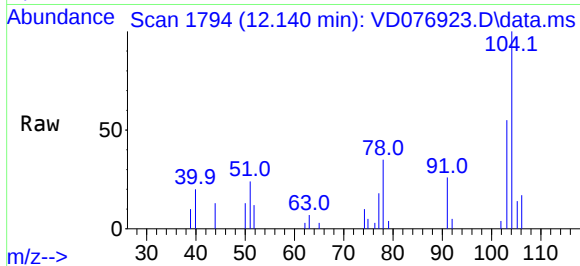




#55
Styrene
Concen: 0.733 ug/L
RT: 12.140 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

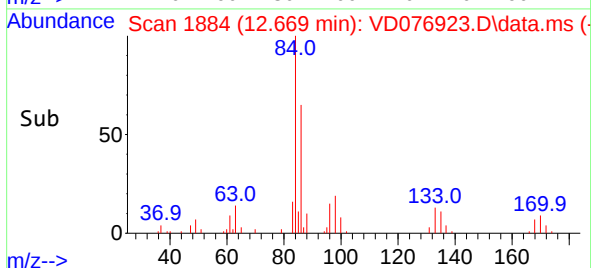
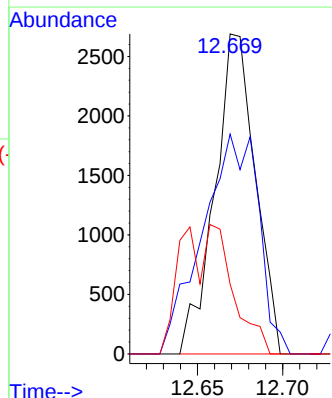
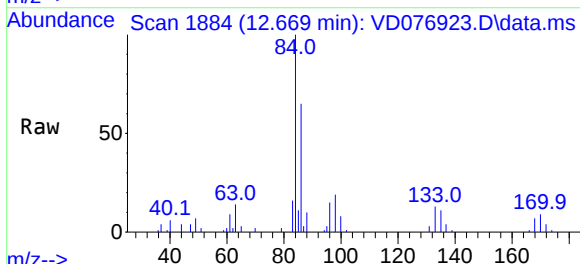
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2023-06

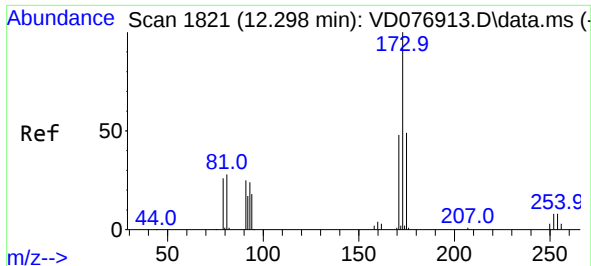
Tgt Ion:104 Resp: 9936
Ion Ratio Lower Upper
104 100
78 34.7 31.3 58.1



#57
1,1,2,2-Tetrachloroethane
Concen: 0.915 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion: 83 Resp: 4455
Ion Ratio Lower Upper
83 100
85 68.7 46.3 86.1
131 21.8 7.0 10.4#

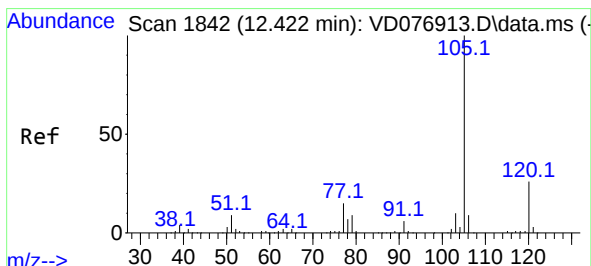
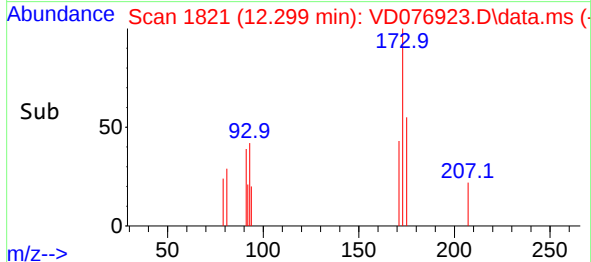
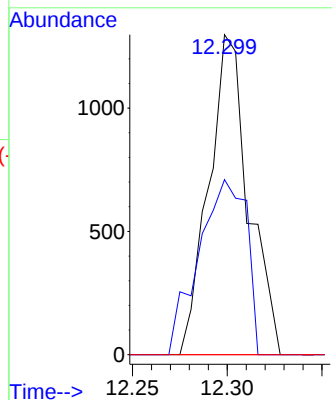
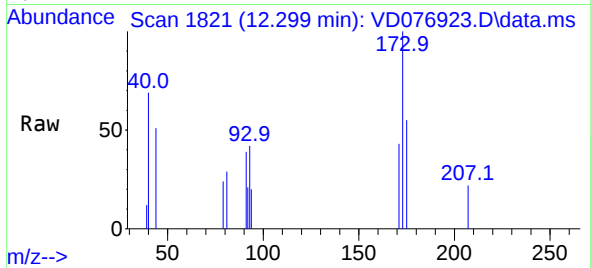




#59
Bromoform
Concen: 0.773 ug/L
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

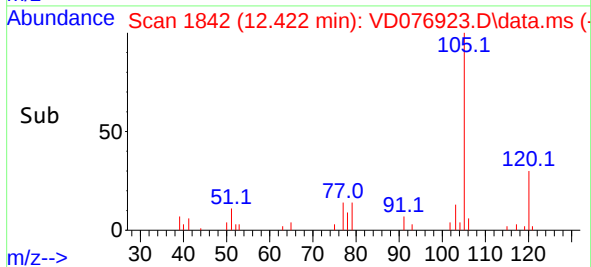
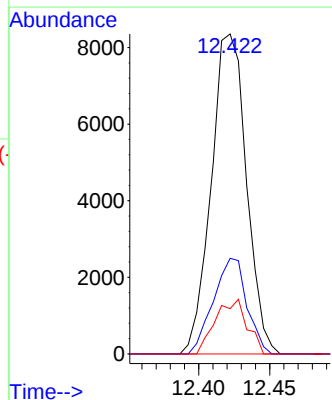
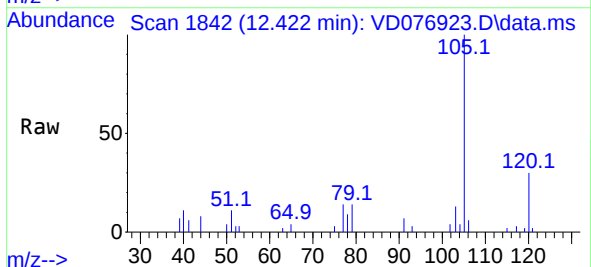
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2023-06

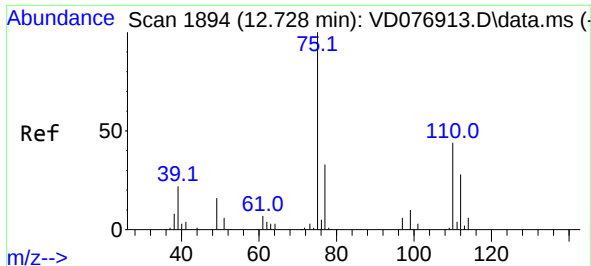
Tgt Ion:173 Resp: 1899
Ion Ratio Lower Upper
173 100
175 65.8 39.0 58.4#
254 0.0 5.3 7.9#



#60
Isopropylbenzene
Concen: 0.807 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion:105 Resp: 14380
Ion Ratio Lower Upper
105 100
120 28.5 21.3 31.9
77 15.4 12.2 18.4

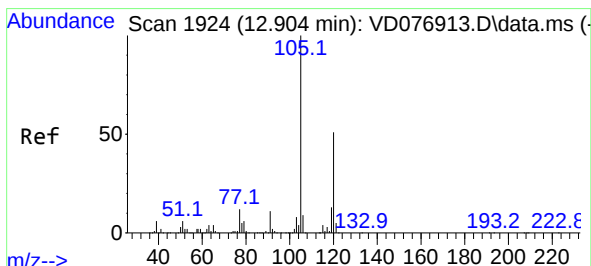
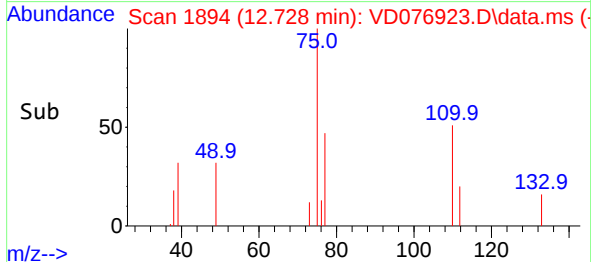
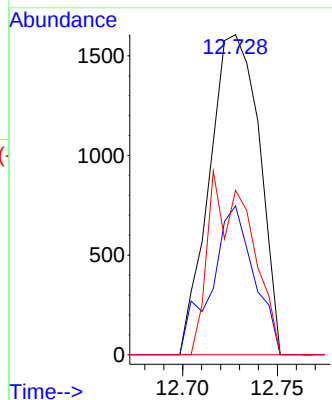
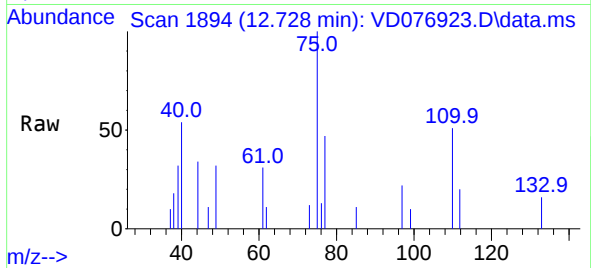




#61
1,2,3-Trichloropropane
Concen: 1.018 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

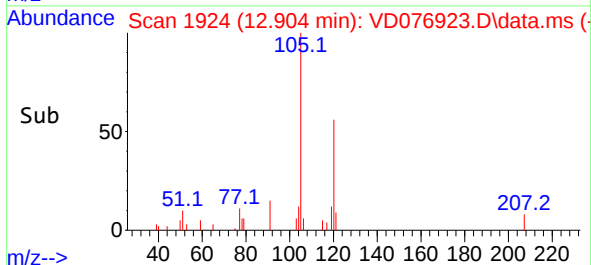
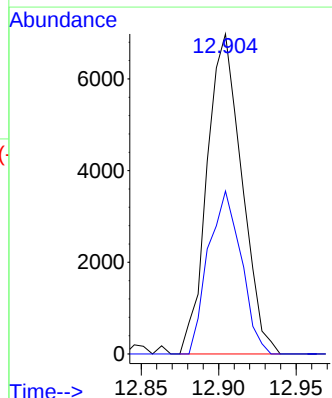
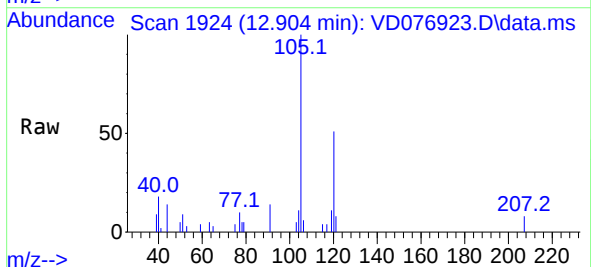
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2023-06

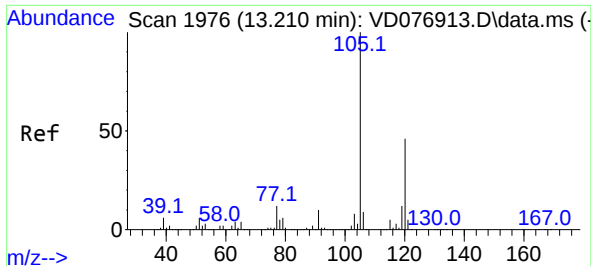
Tgt Ion:	75	Resp:	2942
Ion	Ratio	Lower	Upper
75	100		
77	34.2	27.2	40.8
110	27.3	31.8	47.6#



#62
1,3,5-Trimethylbenzene
Concen: 0.802 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion:	105	Resp:	10884
Ion	Ratio	Lower	Upper
105	100		
120	48.2	39.8	59.6

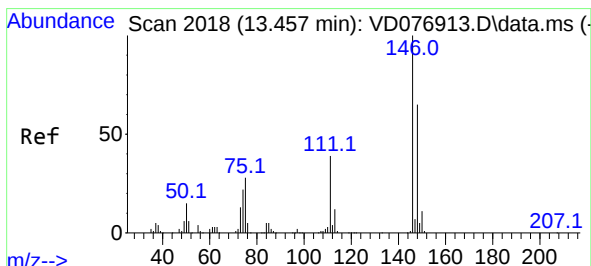
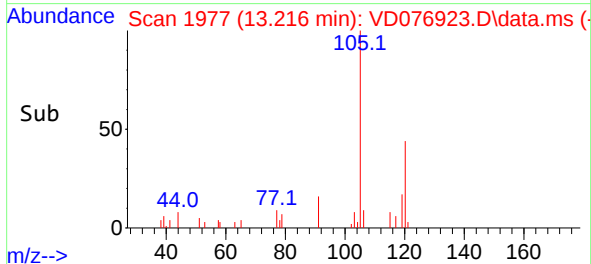
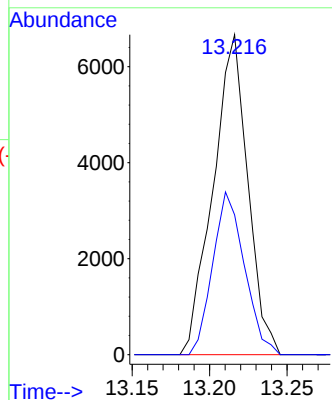
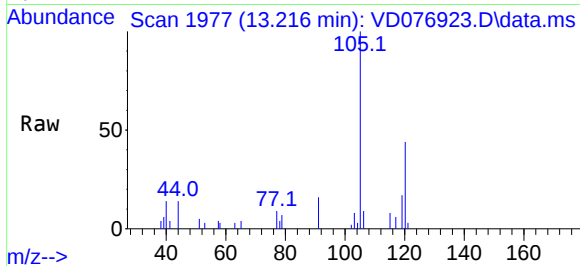




#63
1,2,4-Trimethylbenzene
Concen: 0.769 ug/L
RT: 13.216 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

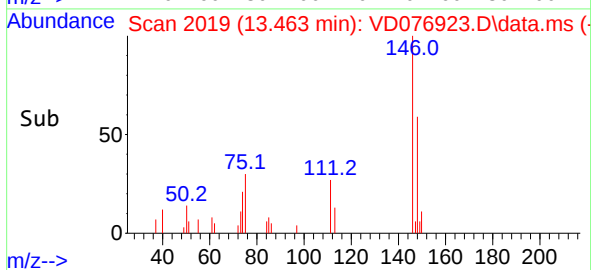
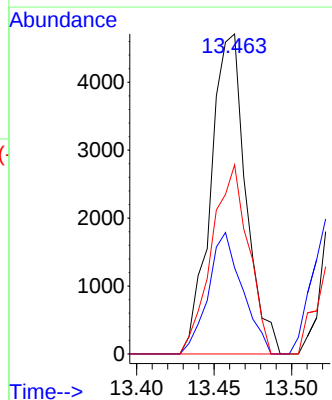
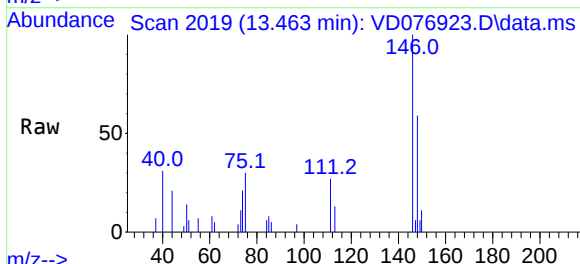
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2023-06

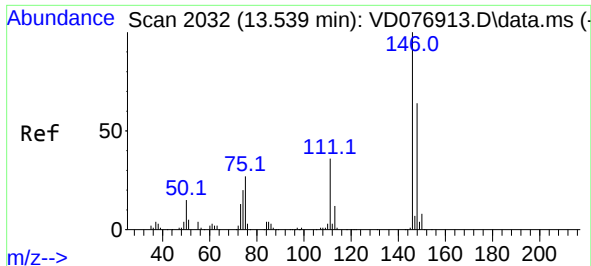
Tgt Ion:105 Resp: 10388
Ion Ratio Lower Upper
105 100
120 46.5 37.5 56.3



#64
1,3-Dichlorobenzene
Concen: 0.915 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion:146 Resp: 7438
Ion Ratio Lower Upper
146 100
111 27.0 25.6 47.4
148 59.1 44.3 82.3

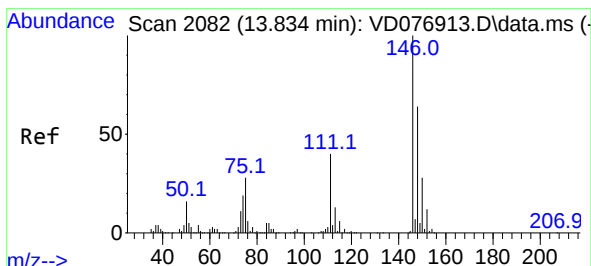
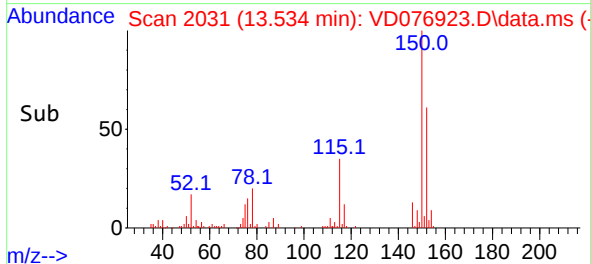
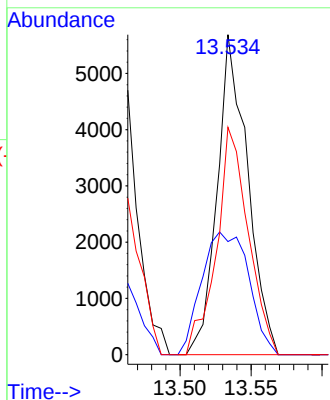
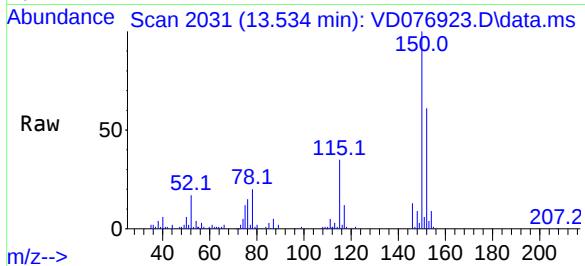




#65
1,4-Dichlorobenzene
Concen: 1.007 ug/L
RT: 13.534 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

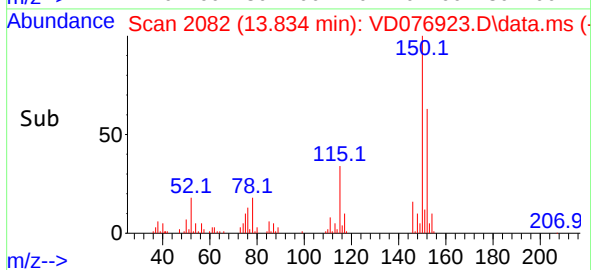
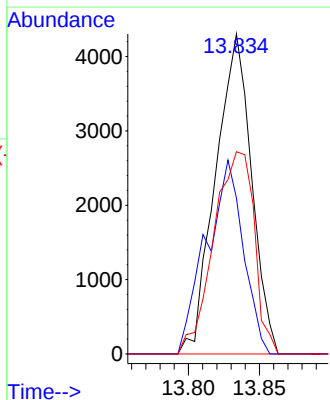
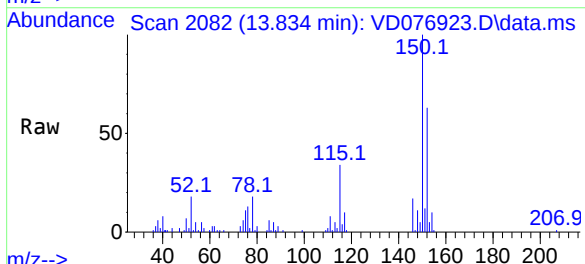
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2023-06

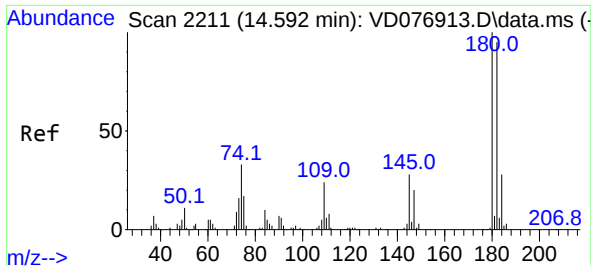
Tgt Ion:146 Resp: 8465
Ion Ratio Lower Upper
146 100
111 35.3 25.7 47.7
148 71.0 45.4 84.2



#67
1,2-Dichlorobenzene
Concen: 0.995 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion:146 Resp: 7586
Ion Ratio Lower Upper
146 100
111 48.7 31.3 46.9#
148 63.2 51.7 77.5

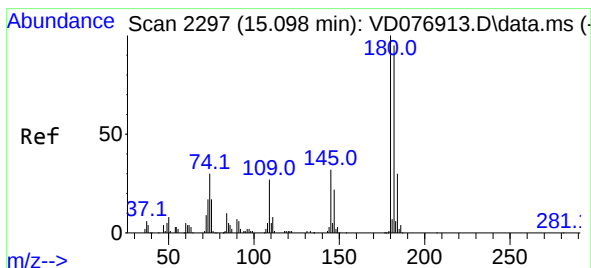
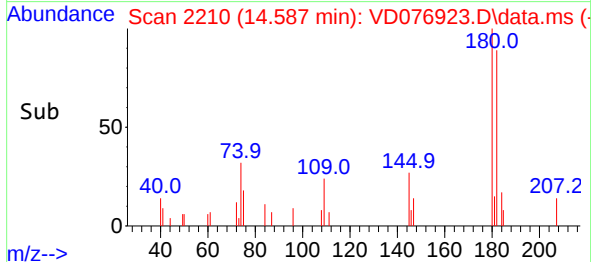
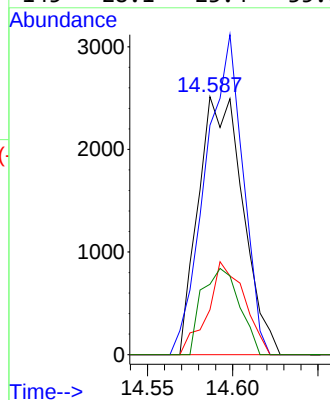
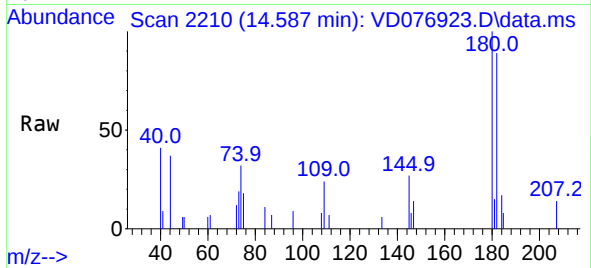




#69
1,3,5-Trichlorobenzene
Concen: 0.900 ug/L
RT: 14.587 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

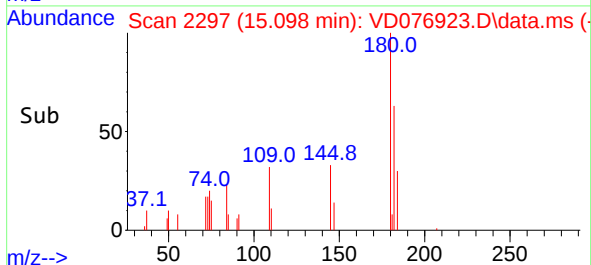
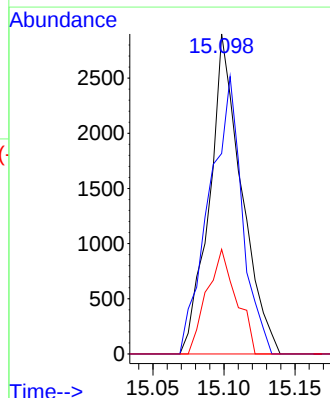
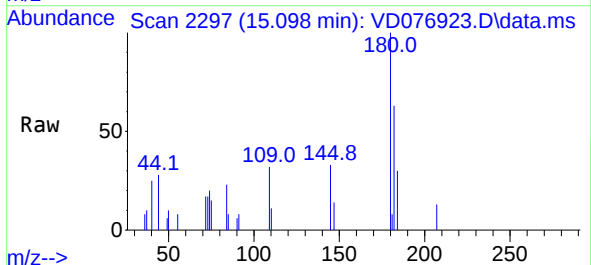
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2023-06

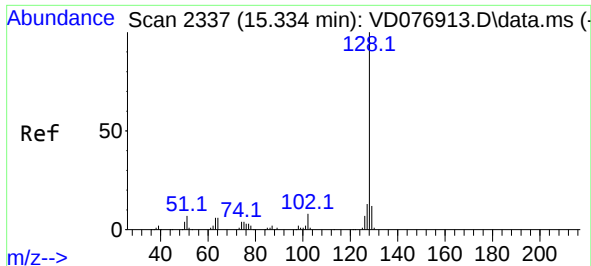
Tgt Ion:	180	Resp:	4578
Ion	Ratio	Lower	Upper
180	100		
182	104.0	77.1	115.7
184	29.5	25.0	37.4
145	28.1	23.4	35.0



#70
1,2,4-trichlorobenzene
Concen: 1.020 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion:	180	Resp:	4564
Ion	Ratio	Lower	Upper
180	100		
182	88.9	76.9	115.3
145	30.0	23.5	35.3

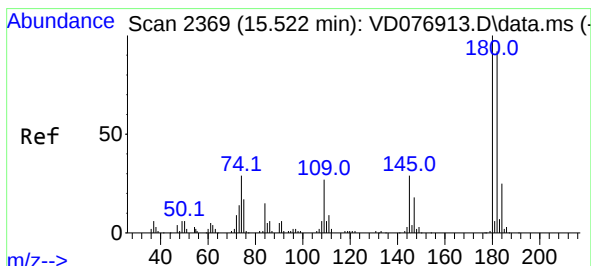
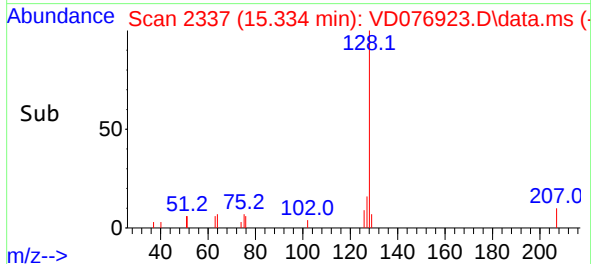
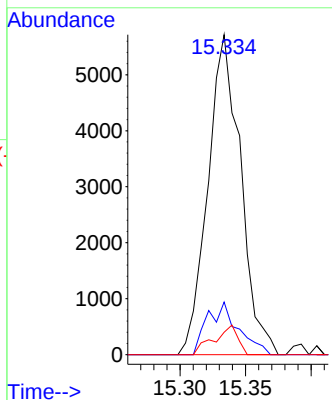
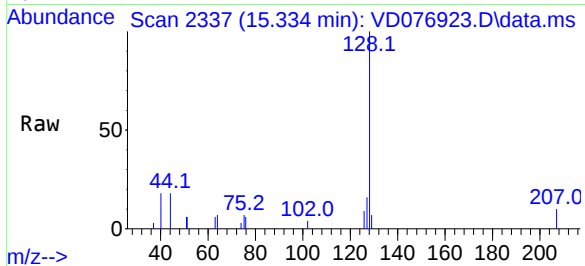




#71
Naphthalene
Concen: 0.944 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2023-06

Tgt Ion:128 Resp: 9929
Ion Ratio Lower Upper
128 100
127 15.6 10.8 16.2
129 4.1 8.6 12.8#



#72
1,2,3-Trichlorobenzene
Concen: 0.631 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD076923.D
Acq: 04 Aug 2023 13:13

Tgt Ion:180 Resp: 2561
Ion Ratio Lower Upper
180 100
182 136.6 74.3 111.5#
145 36.8 25.0 37.6

