

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050119\  
 Data File : VD062101.D  
 Acq On : 1 May 2019 14:27  
 Operator : FY/SY  
 Sample : K2241-03  
 Misc : 5.00µ/5mL/MSVOA D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MDL-MDL-SOIL-03-QT2-2019

Quant Time: May 02 00:56:58 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D042319S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 01 08:37:17 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	582424	50.00	µg/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	951403	50.00	µg/l	-0.03
63) Chlorobenzene-d5	12.35	117	775002	50.00	µg/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	377509	50.00	µg/l	-0.02

## System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.43	65	259987	57.03	µg/l	-0.03
Spiked Amount	50.000		Recovery	=	114.06%	
35) Dibromofluoromethane	6.90	113	380875	57.88	µg/l	-0.04
Spiked Amount	50.000		Recovery	=	115.76%	
50) Toluene-d8	10.38	98	904655	57.78	µg/l	-0.04
Spiked Amount	50.000		Recovery	=	115.56%	
62) 4-Bromofluorobenzene	13.54	95	332750	52.99	µg/l	-0.02
Spiked Amount	50.000		Recovery	=	105.98%	

## Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	16818	3.234	µg/l	100
3) Chloromethane	1.75	50	12051	2.726	µg/l #	85
4) Vinyl Chloride	1.85	62	11734	2.929	µg/l	95
5) Bromomethane	2.15	94	6036	4.413	µg/l	97
6) Chloroethane	2.27	64	4247	2.933	µg/l	99
7) Trichlorofluoromethane	2.52	101	18206	3.006	µg/l #	83
8) Diethyl Ether	2.85	74	3888	2.395	µg/l	98
9) 1,1,2-Trichlorotrifluoroet	3.14	101	17982	3.223	µg/l	98
10) Methyl Iodide	3.29	142	17280	7.240	µg/l	90
11) Tert butyl alcohol	4.03	59	3823	14.844	µg/l #	76
12) 1,1-Dichloroethene	3.12	96	15058	3.172	µg/l #	73
13) Acrolein	3.02	56	3170	11.863	µg/l #	66
14) Allyl chloride	3.61	41	20354	3.140	µg/l #	87
15) Acrylonitrile	4.18	53	13047	16.360	µg/l	97
16) Acetone	3.20	43	16024	14.722	µg/l	92
17) Carbon Disulfide	3.36	76	47123	3.435	µg/l #	94
18) Methyl Acetate	3.62	43	10557	3.330	µg/l #	85
19) Methyl tert-butyl Ether	4.21	73	27955	2.968	µg/l	98
21) trans-1,2-Dichloroethene	4.19	96	16534	3.036	µg/l	91
22) Diisopropyl ether	5.08	45	43992	2.907	µg/l	98
23) Vinyl Acetate	5.03	43	96224	12.208	µg/l	97
24) 1,1-Dichloroethane	4.95	63	25601	2.799	µg/l #	94
25) 2-Butanone	6.03	43	18368	13.919	µg/l	99
26) 2,2-Dichloropropane	6.00	77	22685	2.843	µg/l	90
27) cis-1,2-Dichloroethene	6.01	96	17220	2.779	µg/l	91
28) Bromochloromethane	6.40	49	10792	3.083	µg/l #	79
29) Tetrahydrofuran	6.42	42	9391	14.443	µg/l	88
30) Chloroform	6.64	83	28291	2.723	µg/l	100
31) Cyclohexane	6.93	56	19480	2.869	µg/l	94
32) 1,1,1-Trichloroethane	6.85	97	26393	2.919	µg/l	94
36) 1,1-Dichloropropene	7.11	75	22943	3.095	µg/l	93
37) Ethyl Acetate	6.15	43	8615	2.727	µg/l #	81
38) Carbon Tetrachloride	7.08	117	22658	2.412	µg/l	98
39) Methylcyclohexane	8.83	83	21922	2.998	µg/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	7.43	78	47652	2.597	µg/l	97
41) Methacrylonitrile	6.41	41	11657	3.163	µg/l #	85
42) 1,2-Dichloroethane	7.56	62	18031	2.894	µg/l	98
43) Isopropyl Acetate	9.22	43	10482	2.271	µg/l #	73
44) Trichloroethene	8.51	130	20166	2.835	µg/l	93
45) 1,2-Dichloropropane	8.90	63	12490	2.683	µg/l	100
46) Dibromomethane	9.03	93	8684	2.592	µg/l	95
47) Bromodichloromethane	9.36	83	19158	2.420	µg/l	94
48) Methyl methacrylate	9.09	41	7627	2.896	µg/l	95
49) 1,4-Dioxane	9.05	88	1121	39.486	µg/l #	78
51) 4-Methyl-2-Pentanone	10.27	43	41393	14.665	µg/l	100
52) Toluene	10.49	92	32367	2.766	µg/l	97
53) t-1,3-Dichloropropene	10.88	75	17314	2.606	µg/l	93
54) cis-1,3-Dichloropropene	10.01	75	21220	2.626	µg/l	94
55) 1,1,2-Trichloroethane	11.17	97	10517	2.677	µg/l	97
56) Ethyl methacrylate	11.02	69	11781	2.708	µg/l	93
57) 1,3-Dichloropropane	11.37	76	15577	2.567	µg/l	92
58) 2-Chloroethyl Vinyl ether	9.83	63	35620	17.610	µg/l	93
59) 2-Hexanone	11.51	43	27525	13.000	µg/l	96
60) Dibromochloromethane	11.66	129	16910	2.602	µg/l	96
61) 1,2-Dibromoethane	11.78	107	13330	2.861	µg/l	98
64) Tetrachloroethene	11.24	164	18155	3.284	µg/l	87
65) Chlorobenzene	12.38	112	42397	2.895	µg/l	96
66) 1,1,1,2-Tetrachloroethane	12.50	131	13931	2.243	µg/l	91
67) Ethyl Benzene	12.51	91	63046	2.638	µg/l	99
68) m/p-Xylenes	12.65	106	52961	6.130	µg/l	97
69) o-Xylene	13.03	106	24511	3.101	µg/l	92
70) Styrene	13.06	104	37670	2.760	µg/l	96
71) Bromoform	13.22	173	9035	2.551	µg/l	99
73) Isopropylbenzene	13.38	105	60442	2.400	µg/l	97
74) N-amyl acetate	13.25	43	16157	2.491	µg/l	93
75) 1,1,2,2-Tetrachloroethane	13.69	83	11688	2.368	µg/l	91
76) 1,2,3-Trichloropropane	13.72	75	12533	2.614	µg/l	84
77) Bromobenzene	13.65	156	19289	2.670	µg/l	83
78) n-propylbenzene	13.76	91	80595	2.796	µg/l	98
79) 2-Chlorotoluene	13.83	91	45546	2.608	µg/l	96
80) 1,3,5-Trimethylbenzene	13.91	105	52940	2.637	µg/l	94
81) trans-1,4-Dichloro-2-buten	13.54	75	132011	90.872	µg/l #	16
82) 4-Chlorotoluene	13.93	91	51197	2.662	µg/l	94
83) tert-Butylbenzene	14.17	119	63597	2.734	µg/l	97
84) 1,2,4-Trimethylbenzene	14.22	105	59944	3.127	µg/l	93
85) sec-Butylbenzene	14.36	105	73331	2.918	µg/l	98
86) p-Isopropyltoluene	14.48	119	67909	3.019	µg/l	97
87) 1,3-Dichlorobenzene	14.45	146	35075	2.773	µg/l	94
88) 1,4-Dichlorobenzene	14.52	146	35360	2.989	µg/l	94
89) n-Butylbenzene	14.78	91	52979	2.623	µg/l	95
90) Hexachloroethane	15.00	117	15804	2.598	µg/l	87
91) 1,2-Dichlorobenzene	14.79	146	28064	2.689	µg/l	97
92) 1,2-Dibromo-3-Chloropropan	15.37	75	1194	4.189	µg/l	71
93) 1,2,4-Trichlorobenzene	15.93	180	15240	2.707	µg/l	90

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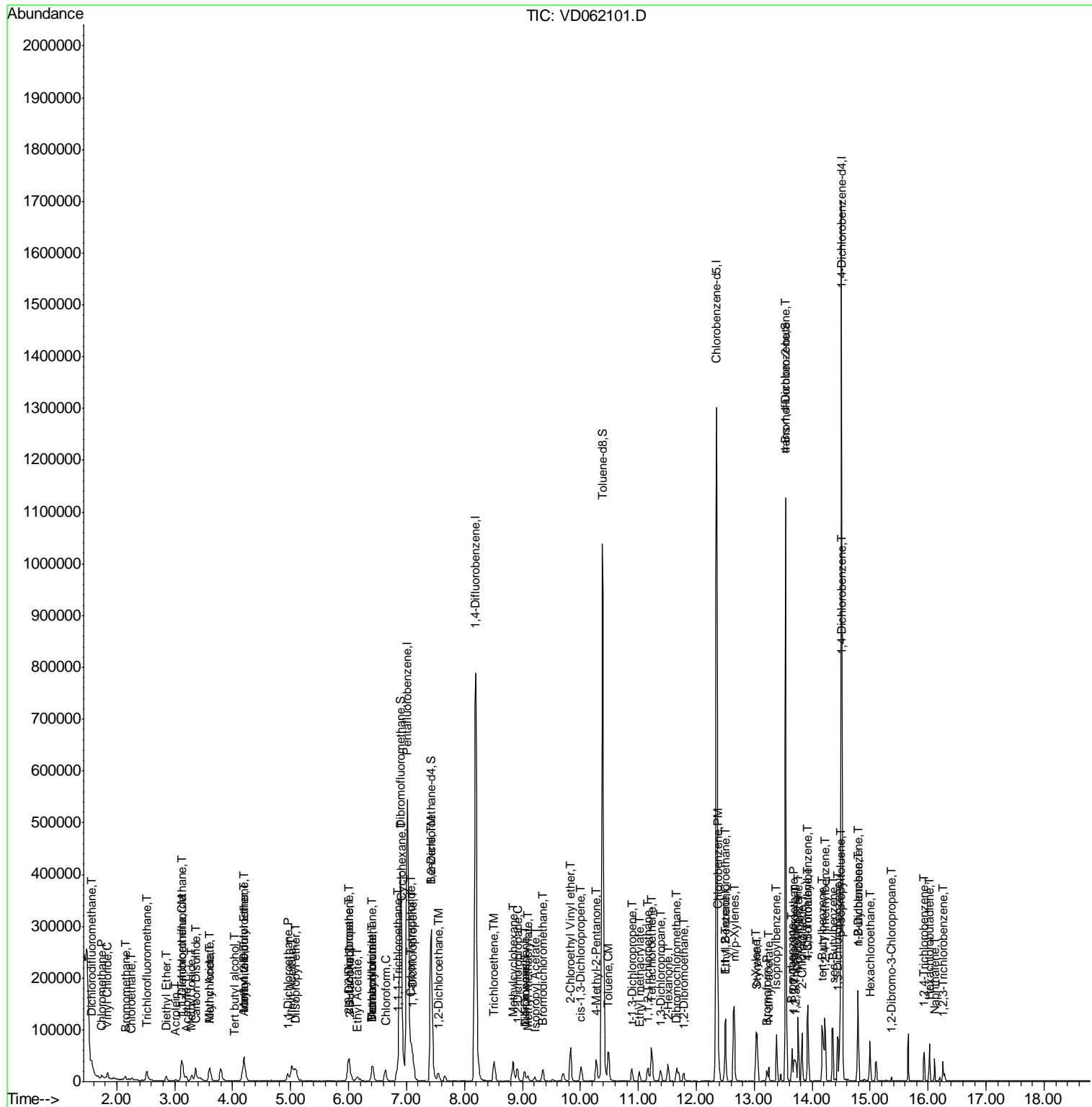
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	16.02	225	11920	2.861	µg/l	98
95) Naphthalene	16.11	128	25135	2.765	µg/l	98
96) 1,2,3-Trichlorobenzene	16.26	180	8955	2.803	µg/l	94

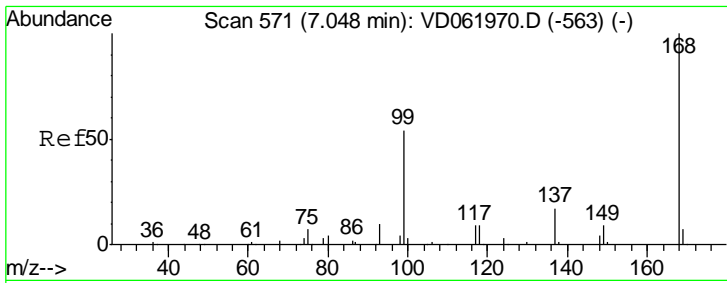
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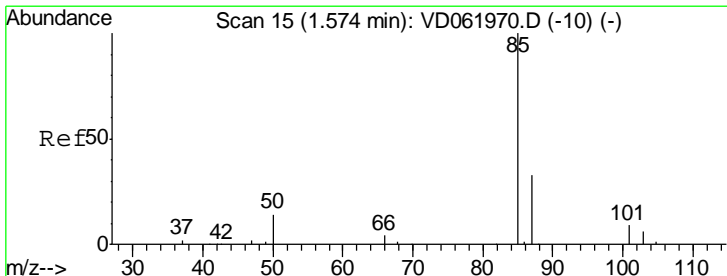
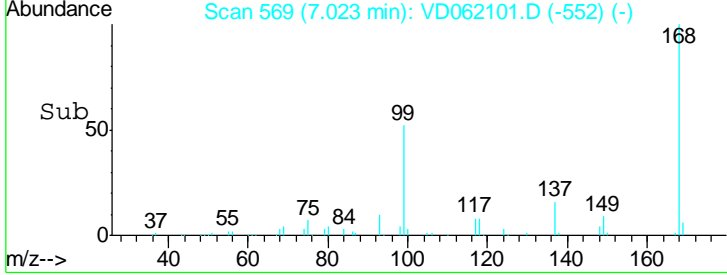
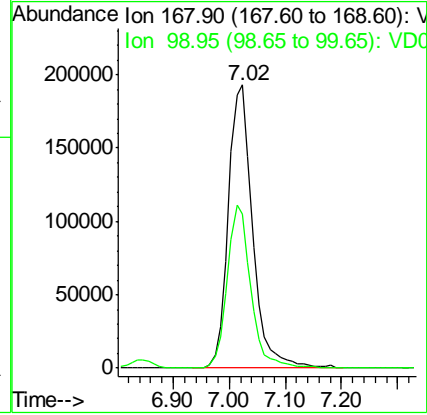
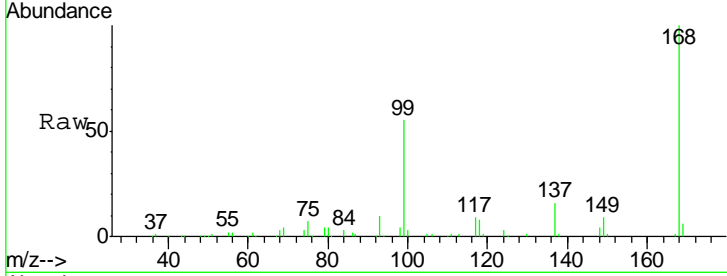




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.02 min Scan# 569  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

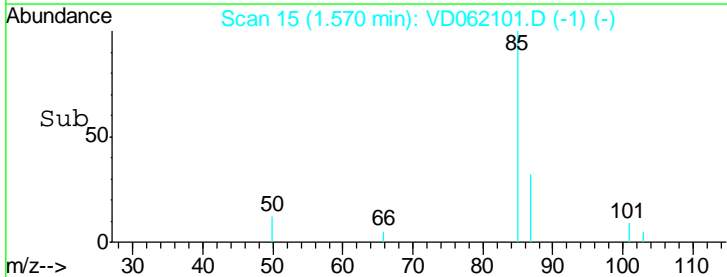
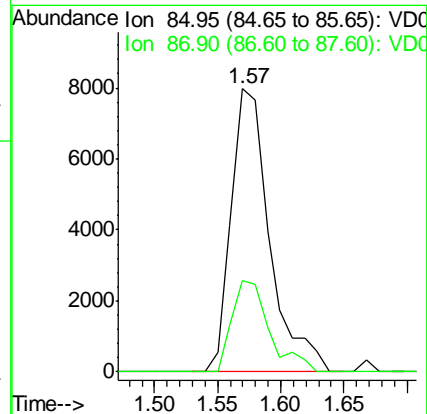
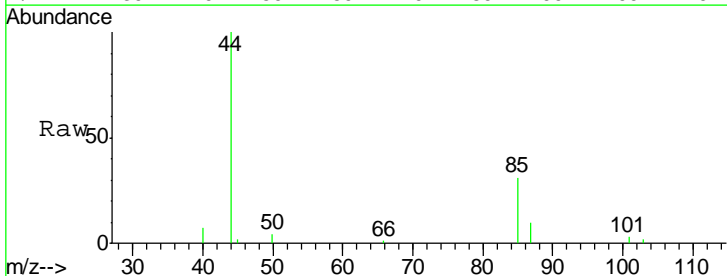
Instrument : MSVOA\_D  
 ClientSampleId : MDL-MDL-SOIL-03-QT2-2019

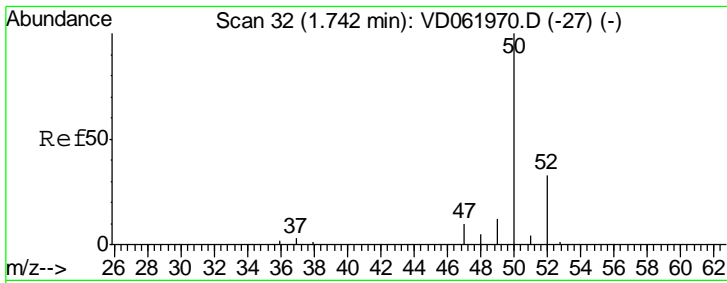
Tgt Ion: 168 Resp: 582424  
 Ion Ratio Lower Upper  
 168 100  
 99 54.5 46.5 69.7



#2  
 Dichlorodifluoromethane  
 Concen: 3.234 ug/l  
 RT: 1.57 min Scan# 15  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion: 85 Resp: 16818  
 Ion Ratio Lower Upper  
 85 100  
 87 32.5 16.2 48.6

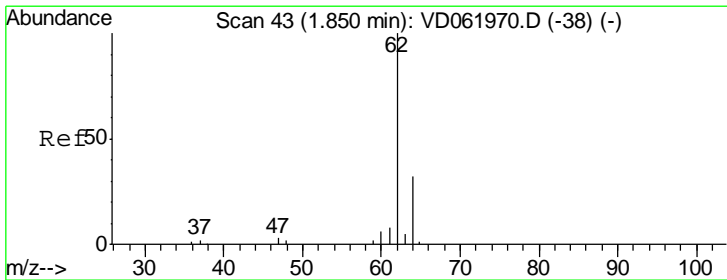
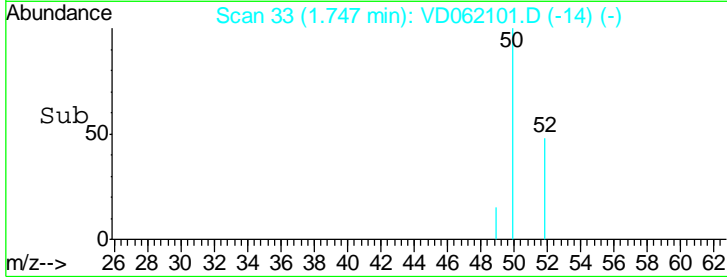
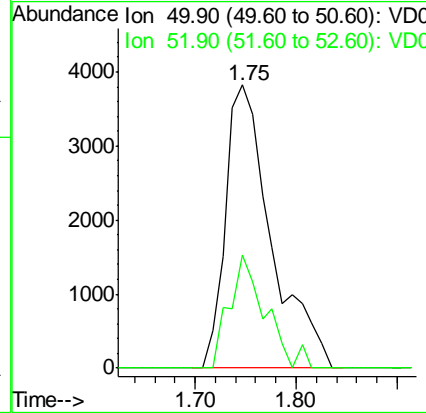
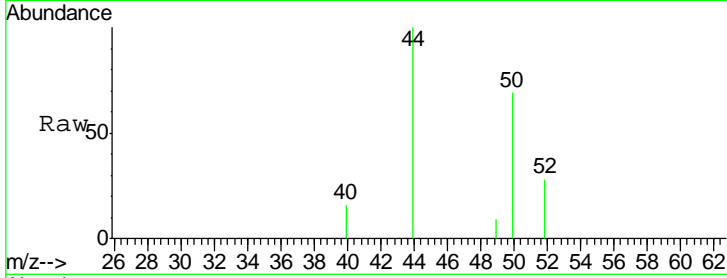




#3  
 Chloromethane  
 Concen: 2.726 ug/l  
 RT: 1.75 min Scan# 33  
 Delta R.T. -0.01 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

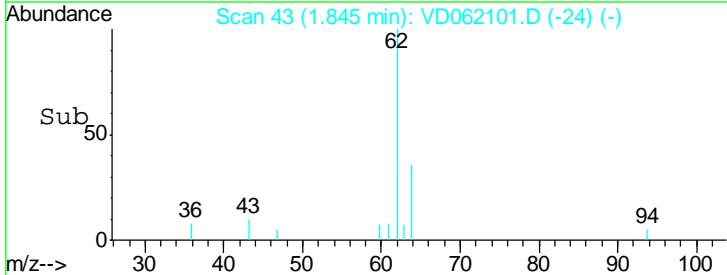
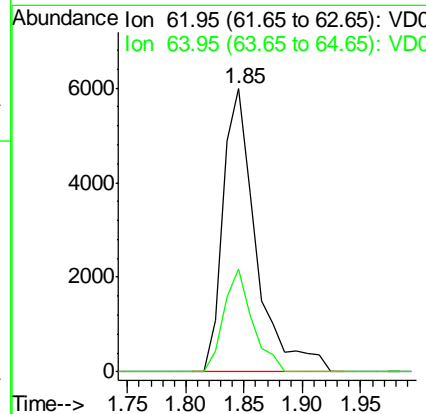
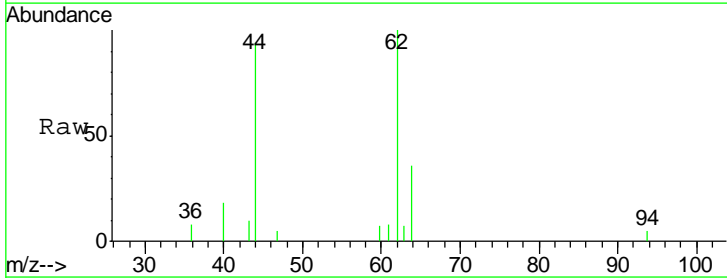
**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 MDL-MDL-SOIL-03-QT2-2019

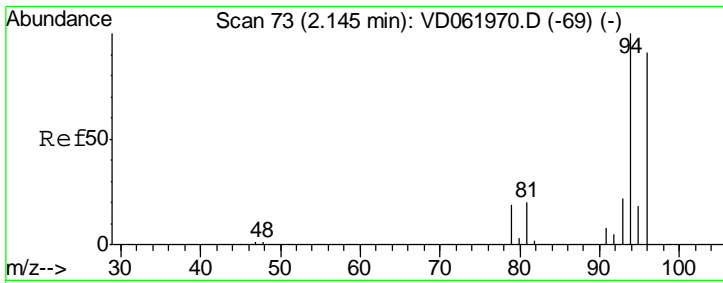
Tgt Ion	Resp	Lower	Upper
50	12051		
52	39.9	25.2	37.8#



#4  
 Vinyl Chloride  
 Concen: 2.929 ug/l  
 RT: 1.85 min Scan# 43  
 Delta R.T. -0.01 min  
 Lab File: VD062101.D  
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Tgt Ion	Resp	Lower	Upper
62	11734		
64	36.2	26.5	39.7

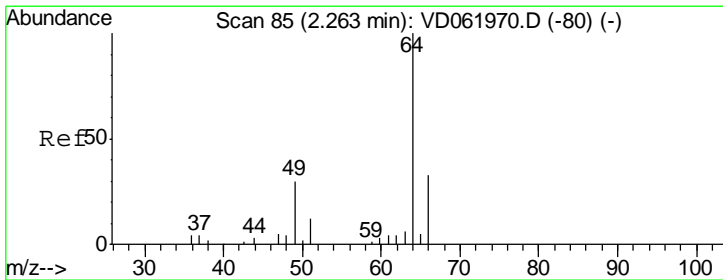
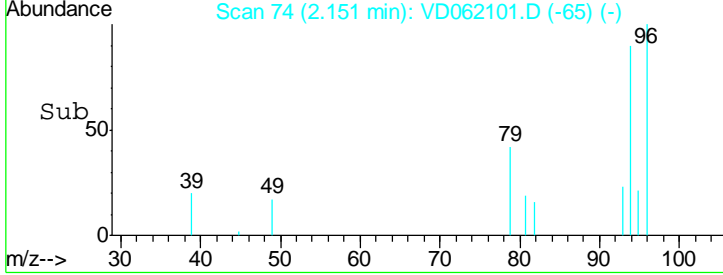
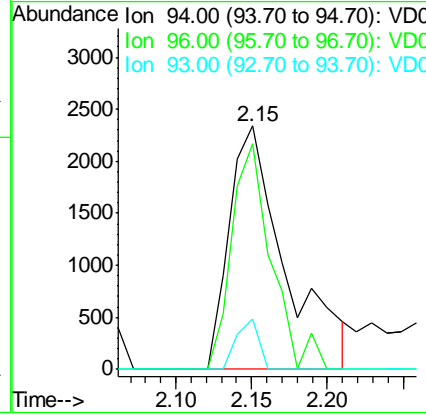
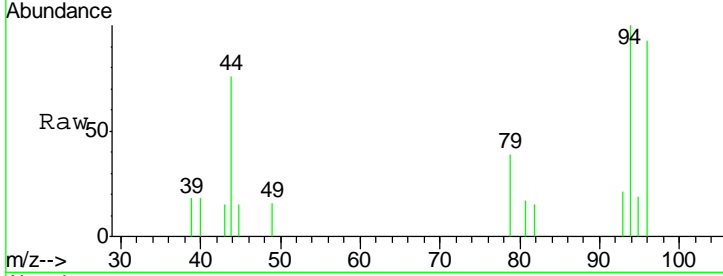




#5  
 Bromomethane  
 Concen: 4.413 ug/l  
 RT: 2.15 min Scan# 74  
 Delta R.T. -0.01 min  
 Lab File: VD062101.D  
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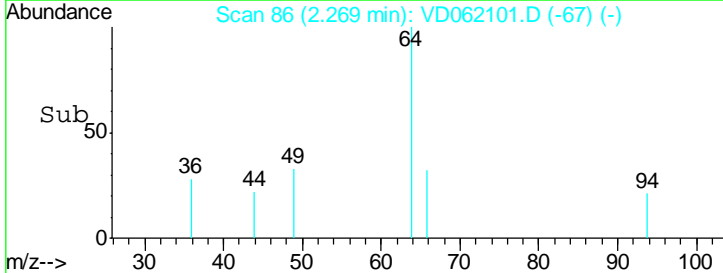
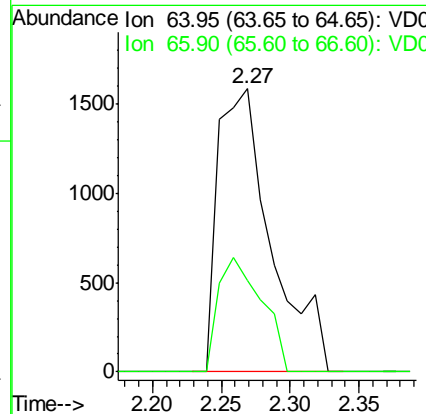
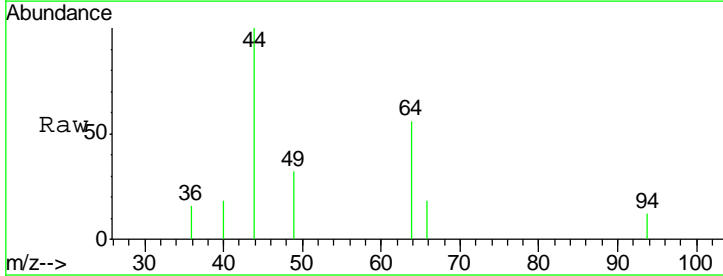
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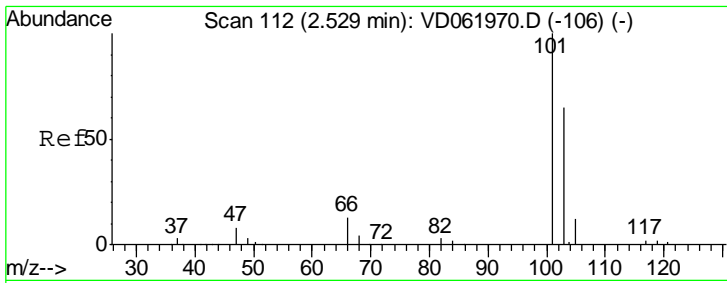
Tgt Ion	Resp	Lower	Upper
94	6036		
96	92.8	76.6	115.0
93	20.9	18.5	27.7



#6  
 Chloroethane  
 Concen: 2.933 ug/l  
 RT: 2.27 min Scan# 86  
 Delta R.T. -0.01 min  
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Tgt Ion	Resp	Lower	Upper
64	4247		
66	32.3	25.6	38.4

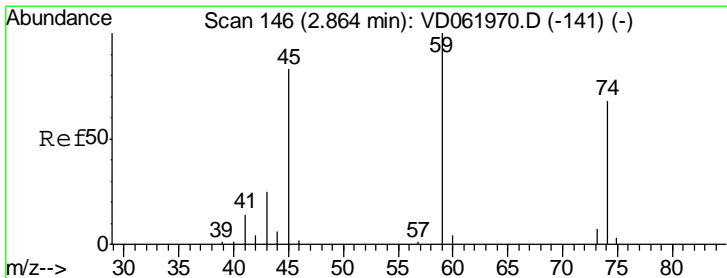
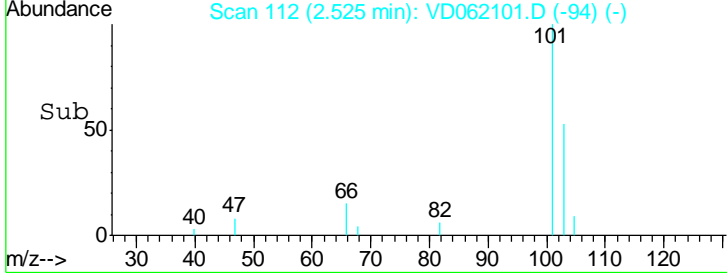
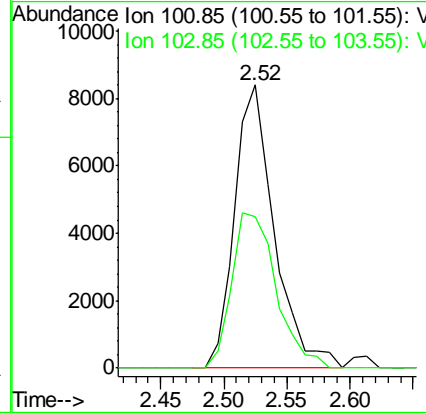
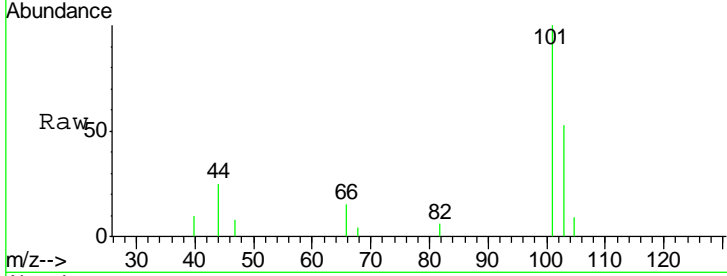




#7  
 Trichlorofluoromethane  
 Concen: 3.006 ug/l  
 RT: 2.52 min Scan# 112  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

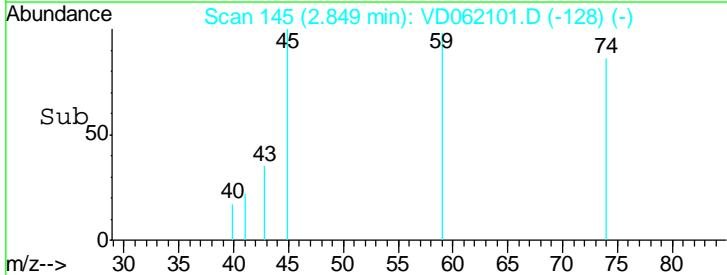
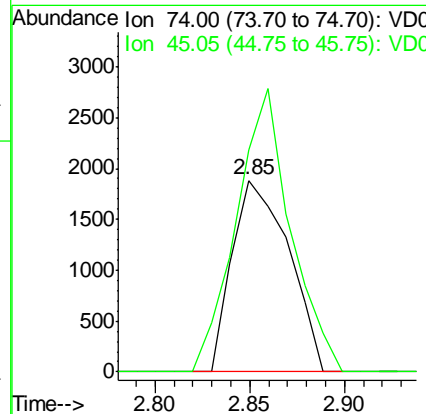
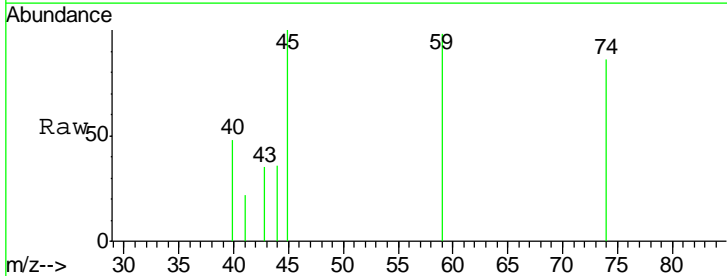
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Tgt Ion: 101 Resp: 18206  
 Ion Ratio Lower Upper  
 101 100  
 103 53.4 53.6 80.4#

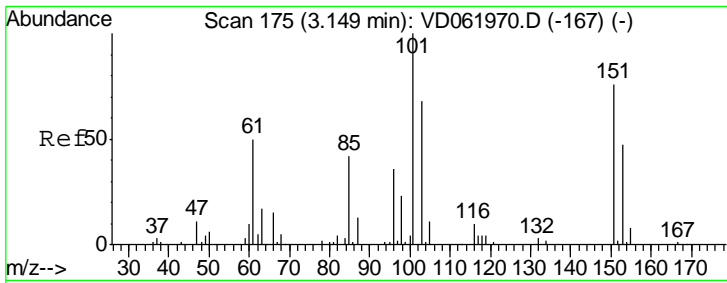


#8  
 Diethyl Ether  
 Concen: 2.395 ug/l  
 RT: 2.85 min Scan# 145  
 Delta R.T. -0.03 min  
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Tgt Ion: 74 Resp: 3888  
 Ion Ratio Lower Upper  
 74 100  
 45 115.8 56.9 170.7



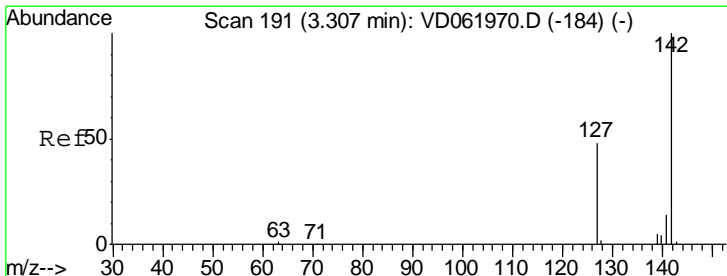
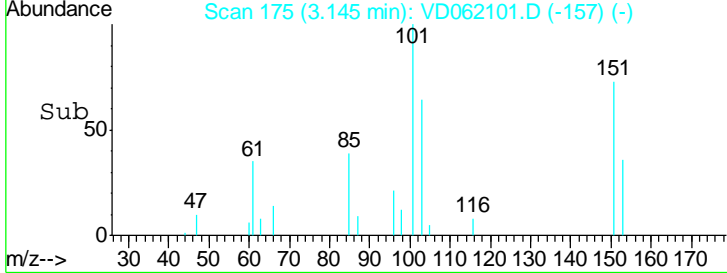
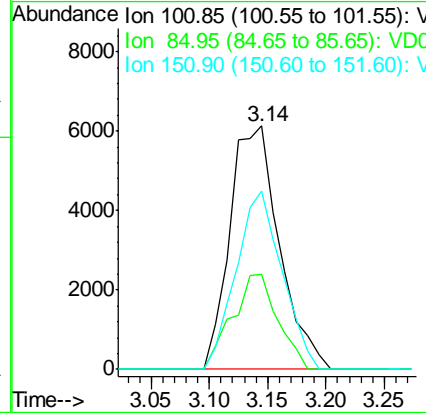
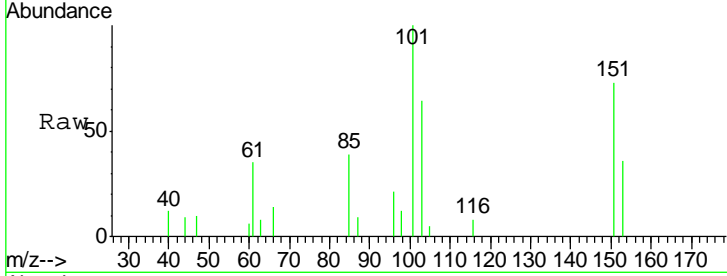




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 3.223 ug/l  
 RT: 3.14 min Scan# 175  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

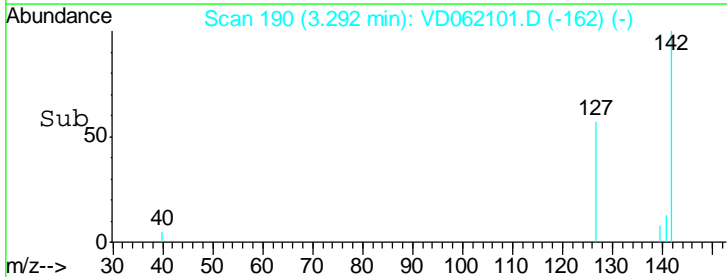
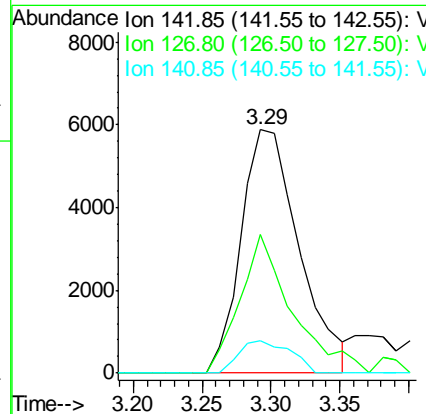
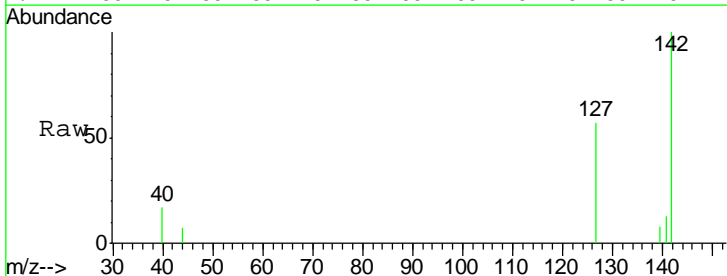
Instrument : MSVOA\_D  
 ClientSampleId : MDL-MDL-SOIL-03-QT2-2019

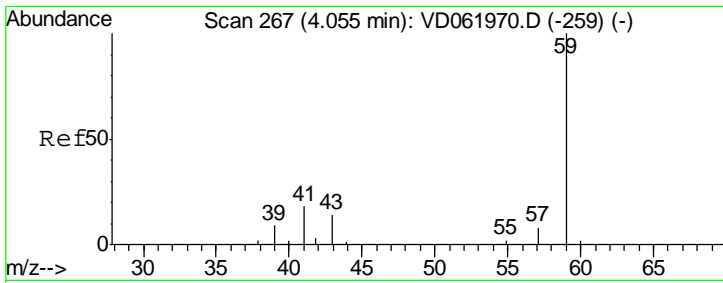
Tgt Ion	Resp	Lower	Upper
101	17982		
101	100		
85	38.9	32.4	48.6
151	73.0	59.4	89.0



#10  
 Methyl Iodide  
 Concen: 7.240 ug/l  
 RT: 3.29 min Scan# 190  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
142	17280		
142	100		
127	57.2	38.8	58.2
141	13.3	11.4	17.0

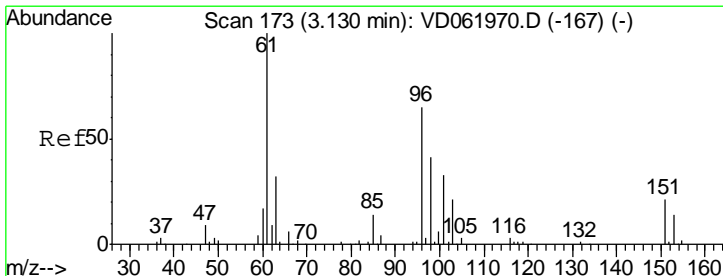
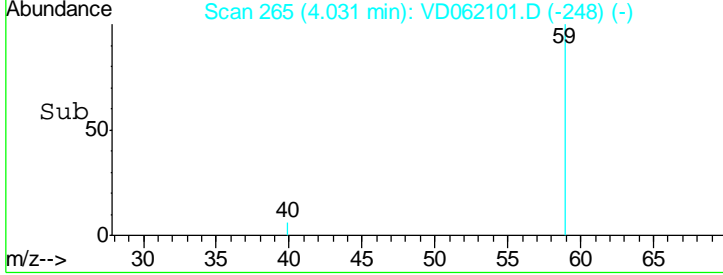
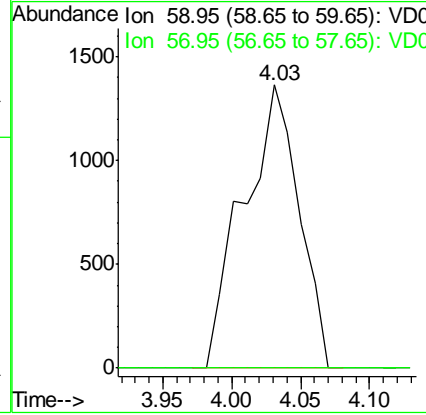
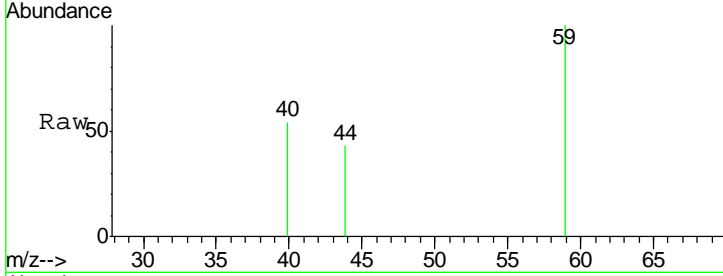




#11  
 Tert butyl alcohol  
 Concen: 14.844 ug/l  
 RT: 4.03 min Scan# 265  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

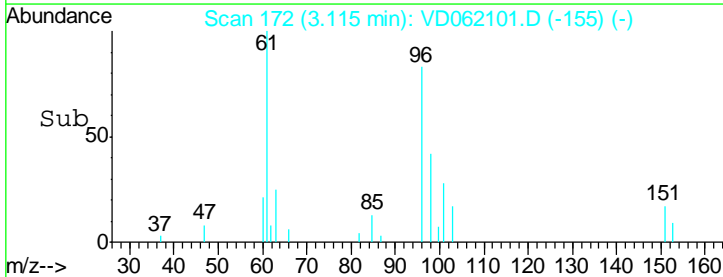
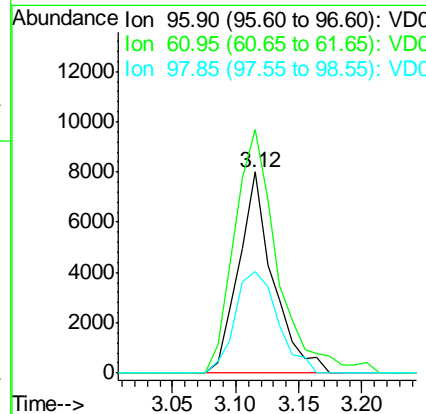
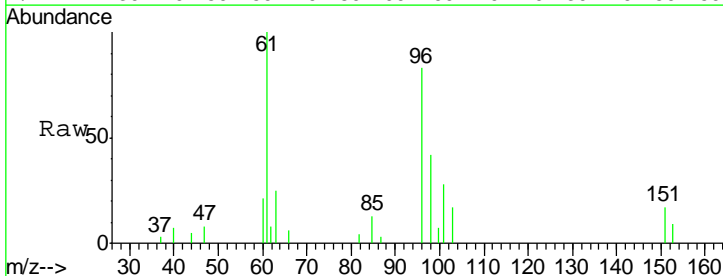
Instrument : MSVOA\_D  
 ClientSampled : MDL-MDL-SOIL-03-QT2-2019

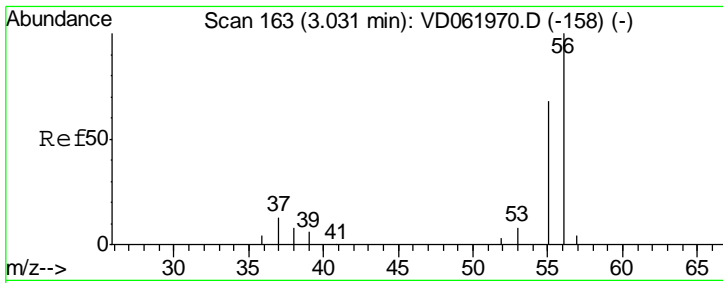
Tgt Ion	Resp	Lower	Upper
59	3823		
57	0.0	6.9	10.3#



#12  
 1,1-Dichloroethene  
 Concen: 3.172 ug/l  
 RT: 3.12 min Scan# 172  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
96	15058		
61	121.1	129.8	194.8#
98	50.7	51.2	76.8#

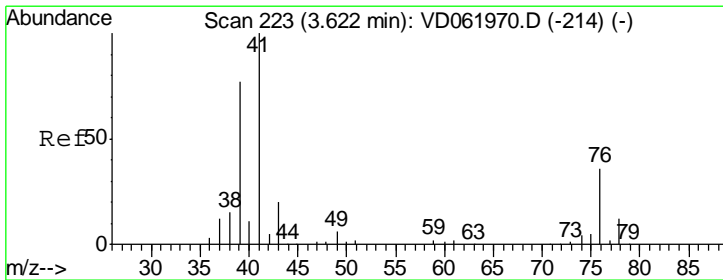
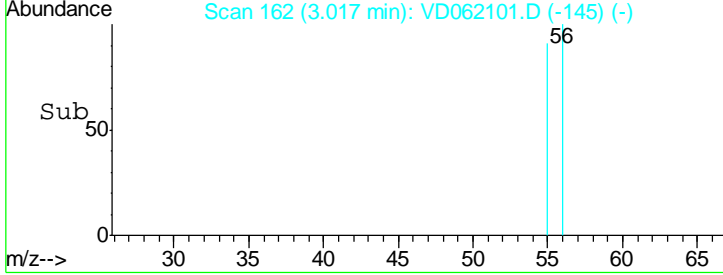
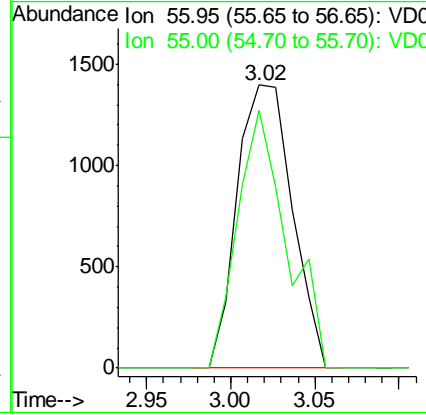
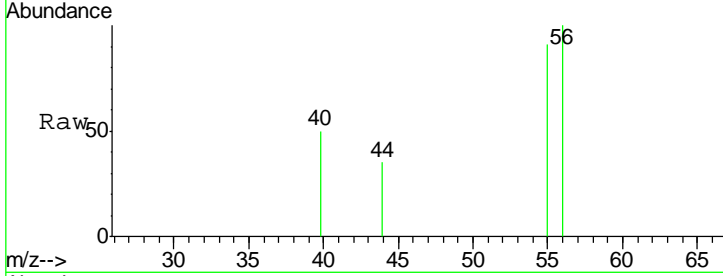




#13  
 Acrolein  
 Concen: 11.863 ug/l  
 RT: 3.02 min Scan# 162  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

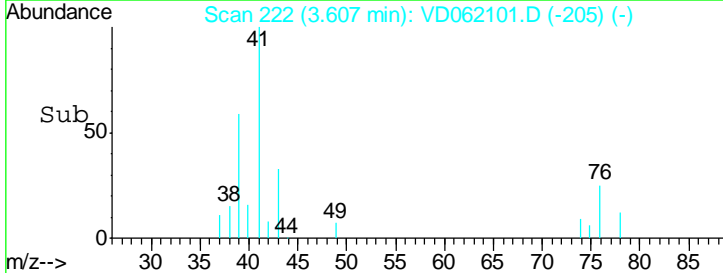
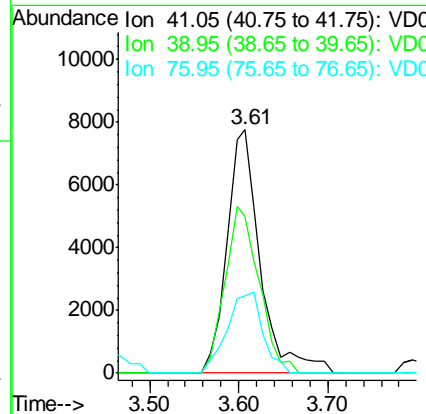
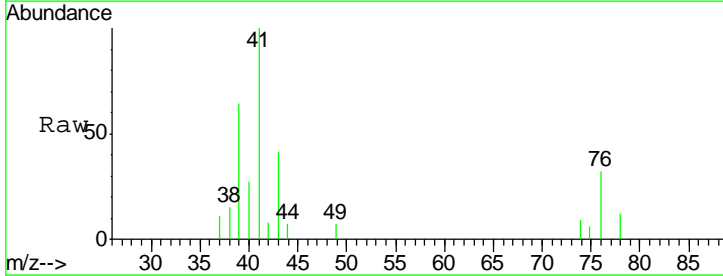
Instrument :  
 MSVOA\_D  
 ClientSampled :  
 MDL-MDL-SOIL-03-QT2-2019

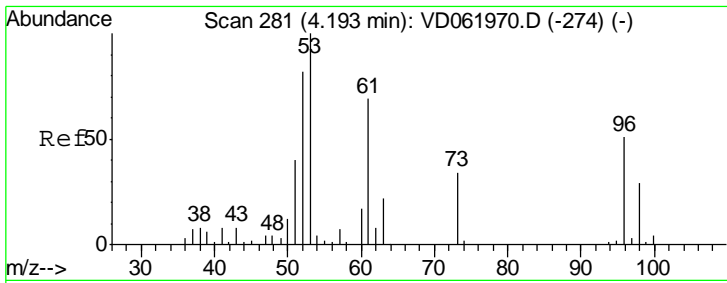
Tgt Ion: 56 Resp: 3170  
 Ion Ratio Lower Upper  
 56 100  
 55 91.0 51.4 77.2#



#14  
 Allyl chloride  
 Concen: 3.140 ug/l  
 RT: 3.61 min Scan# 222  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion: 41 Resp: 20354  
 Ion Ratio Lower Upper  
 41 100  
 39 64.3 60.5 90.7  
 76 31.5 31.8 47.8#

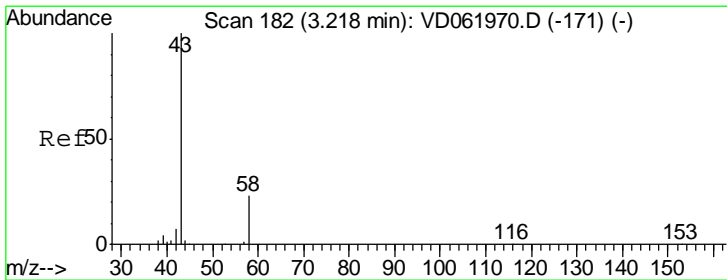
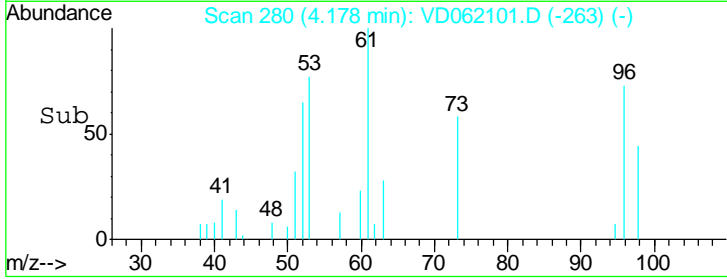
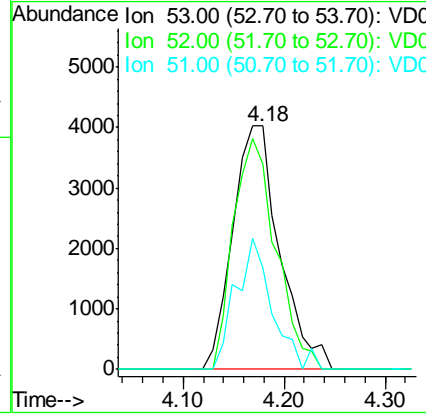
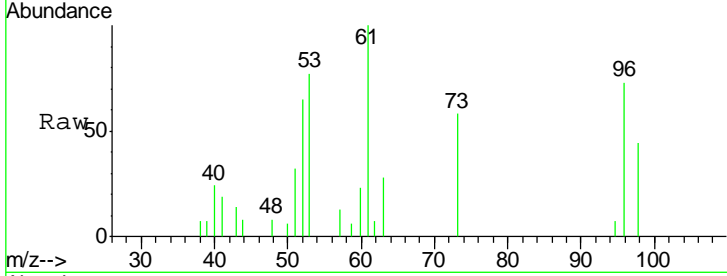




#15  
 Acrylonitrile  
 Concen: 16.360 ug/l  
 RT: 4.18 min Scan# 280  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

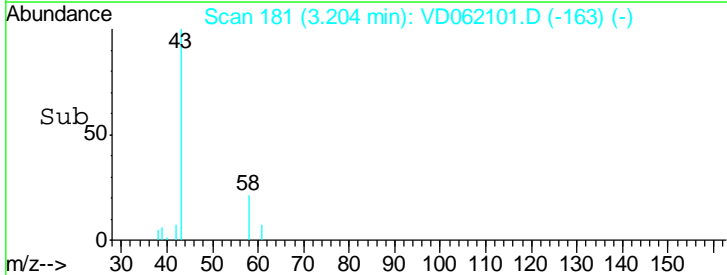
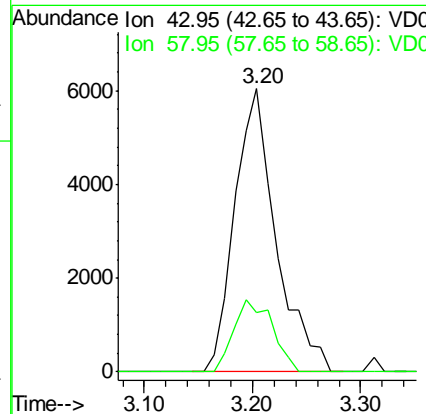
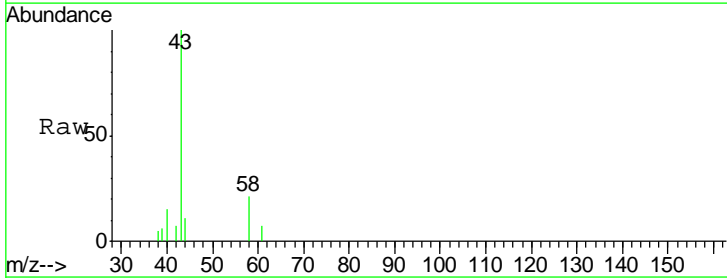
**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 MDL-MDL-SOIL-03-QT2-2019

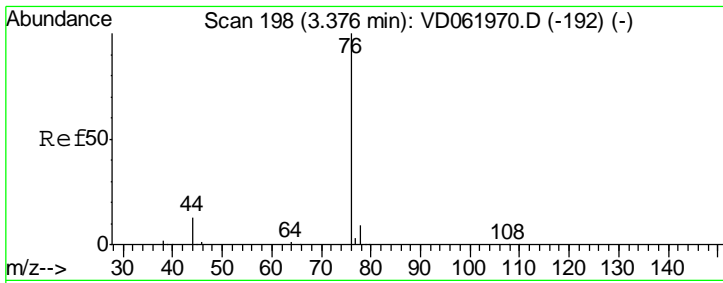
Tgt Ion	Resp	Lower	Upper
53	13047		
52	84.1	65.0	97.4
51	41.9	32.6	48.8



#16  
 Acetone  
 Concen: 14.722 ug/l  
 RT: 3.20 min Scan# 181  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
43	16024		
58	21.1	19.9	29.9

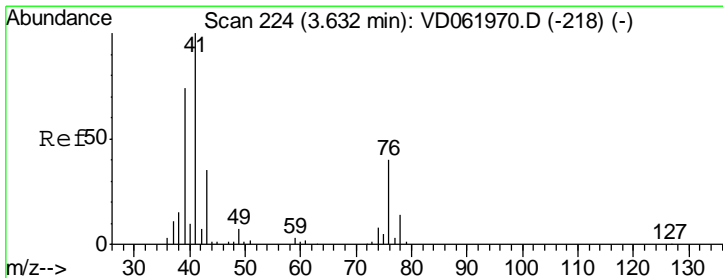
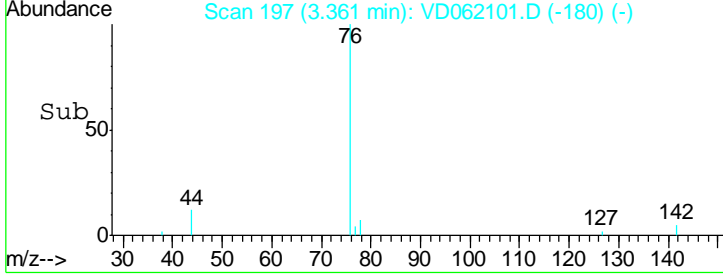
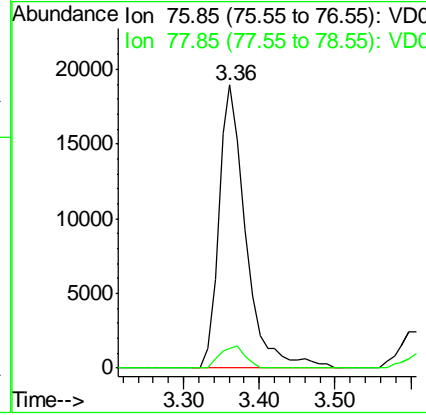
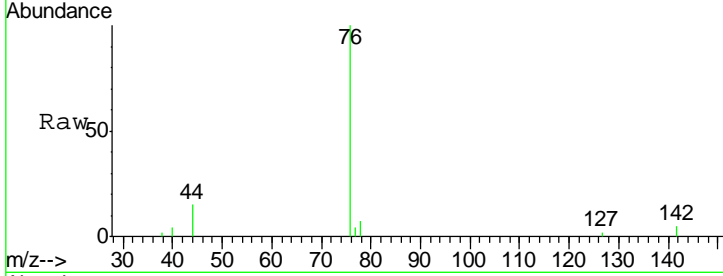




#17  
 Carbon Disulfide  
 Concen: 3.435 ug/l  
 RT: 3.36 min Scan# 197  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

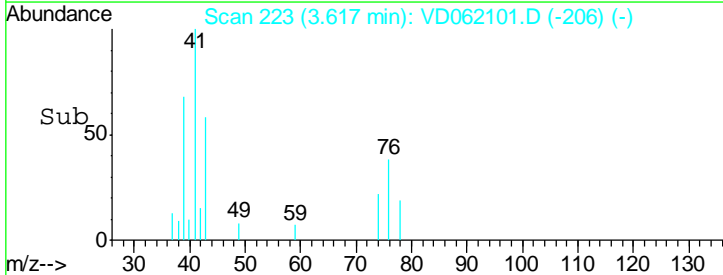
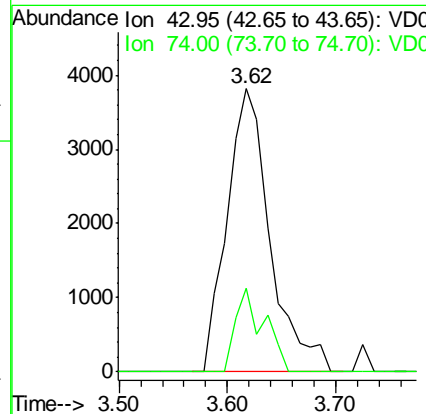
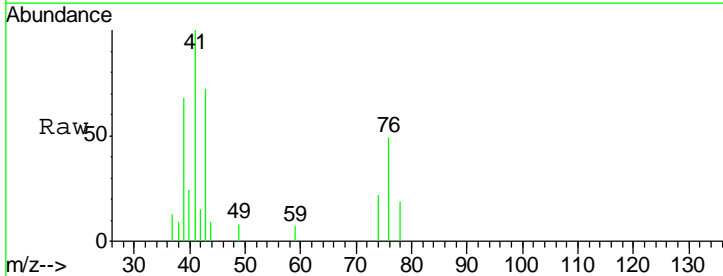
Instrument :  
 MSVOA\_D  
 ClientSampled :  
 MDL-MDL-SOIL-03-QT2-2019

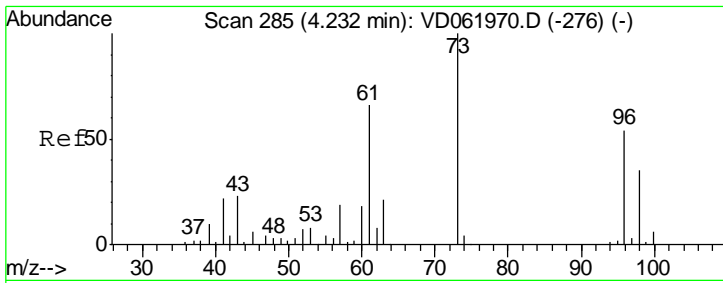
Tgt Ion: 76 Resp: 47123  
 Ion Ratio Lower Upper  
 76 100  
 78 6.9 7.2 10.8#



#18  
 Methyl Acetate  
 Concen: 3.330 ug/l  
 RT: 3.62 min Scan# 223  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion: 43 Resp: 10557  
 Ion Ratio Lower Upper  
 43 100  
 74 29.8 18.0 27.0#

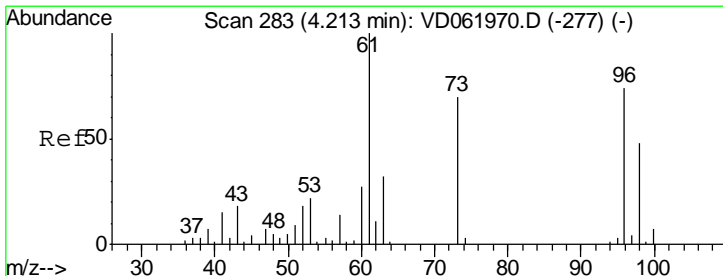
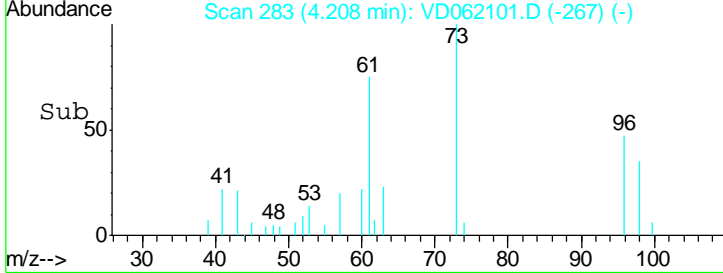
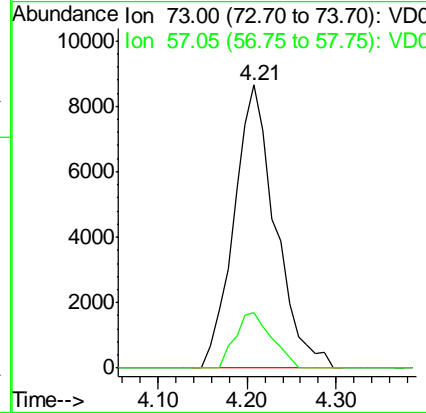
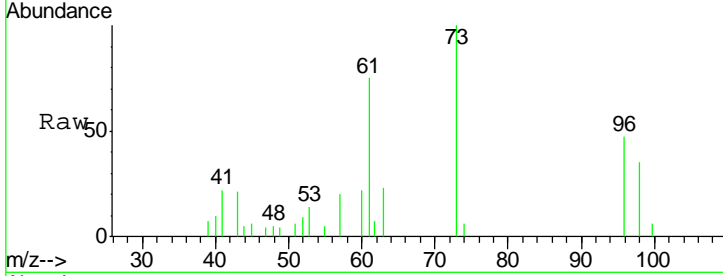




#19  
 Methyl tert-butyl Ether  
 Concen: 2.968 ug/l  
 RT: 4.21 min Scan# 283  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

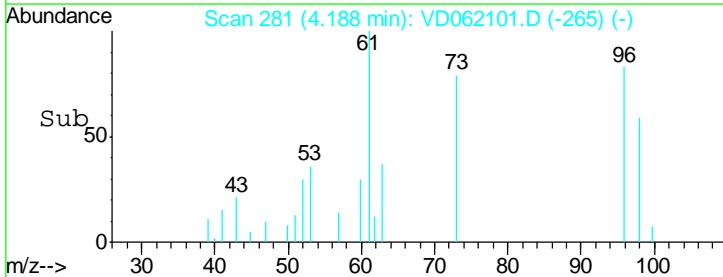
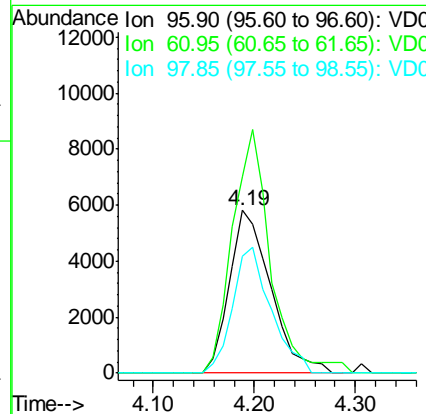
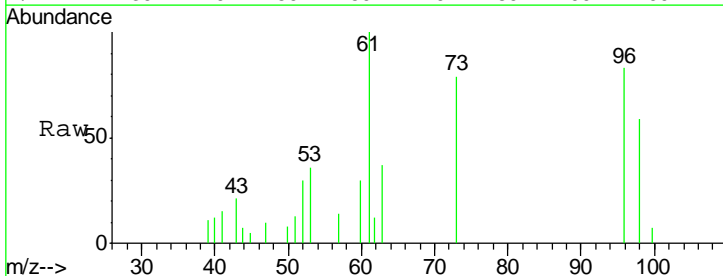
Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 MDL-MDL-SOIL-03-QT2-2019

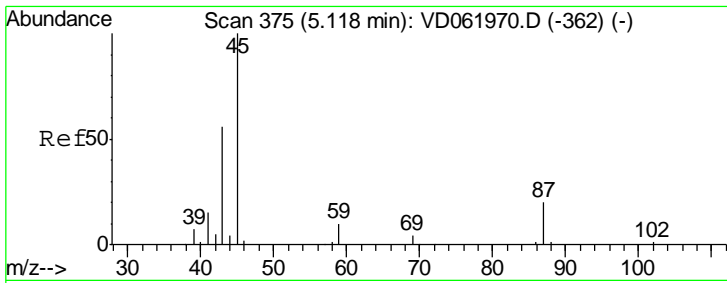
Tgt Ion: 73 Resp: 27955  
 Ion Ratio Lower Upper  
 73 100  
 57 19.6 16.3 24.5



#21  
 trans-1,2-Dichloroethene  
 Concen: 3.036 ug/l  
 RT: 4.19 min Scan# 281  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion: 96 Resp: 16534  
 Ion Ratio Lower Upper  
 96 100  
 61 120.3 104.4 156.6  
 98 71.6 51.8 77.8

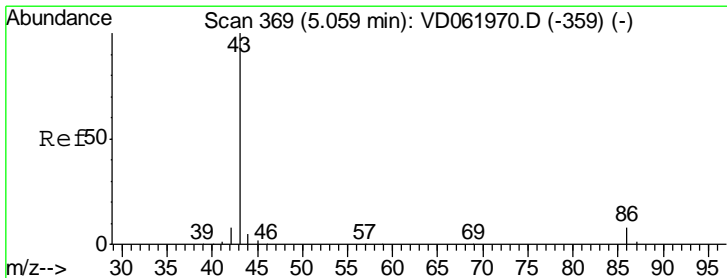
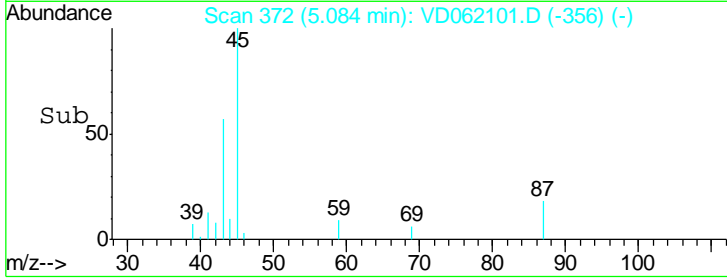
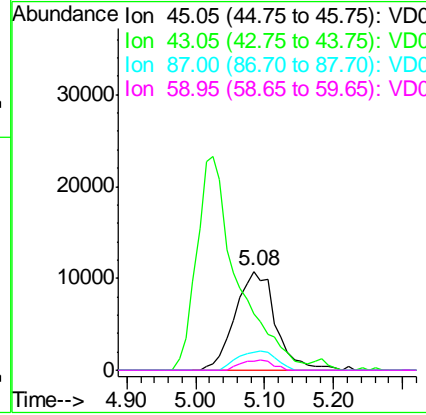
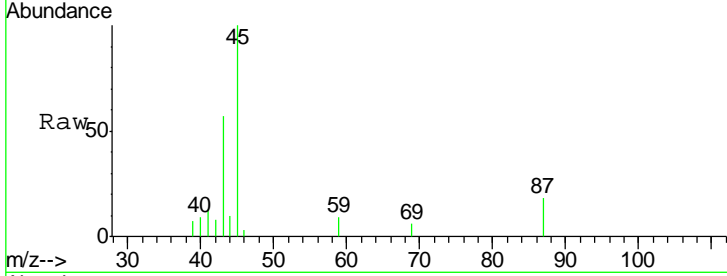




#22  
 Diisopropyl ether  
 Concen: 2.907 ug/l  
 RT: 5.08 min Scan# 372  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

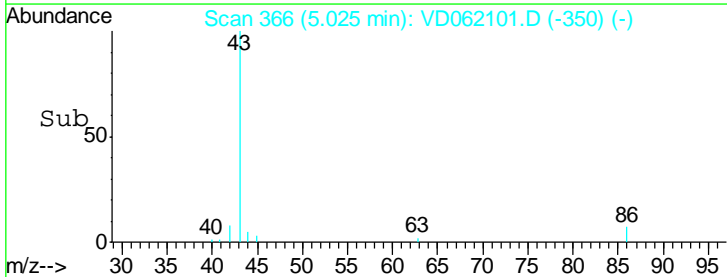
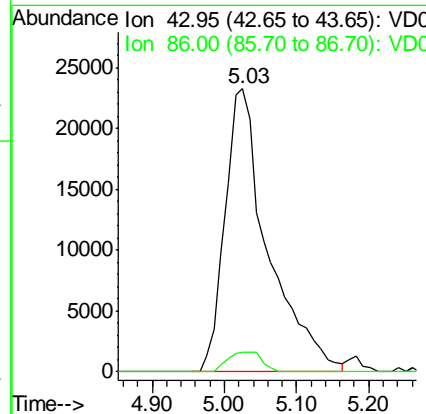
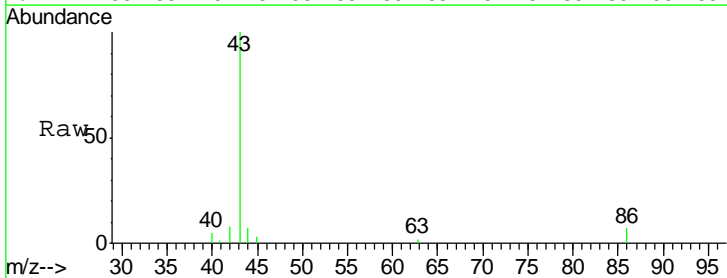
**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 MDL-MDL-SOIL-03-QT2-2019

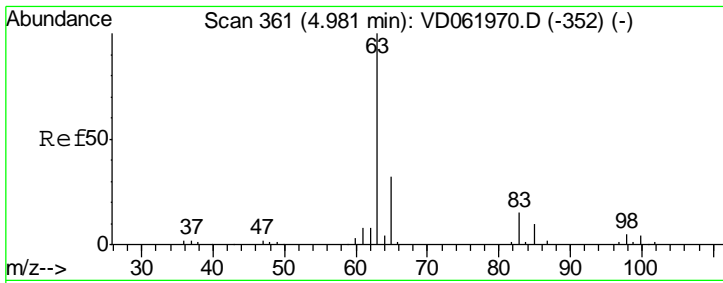
Tgt Ion	Resp	Lower	Upper
45	43992		
43	56.6	46.2	69.2
87	18.1	15.9	23.9
59	9.2	7.9	11.9



#23  
 Vinyl Acetate  
 Concen: 12.208 ug/l  
 RT: 5.03 min Scan# 366  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
43	96224		
43	100		
86	7.0	6.4	9.6

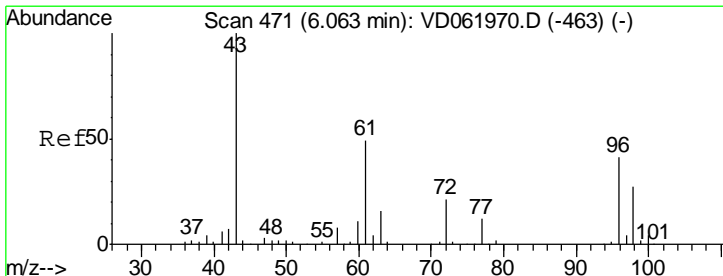
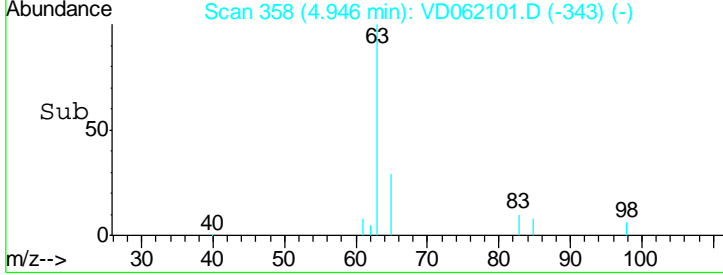
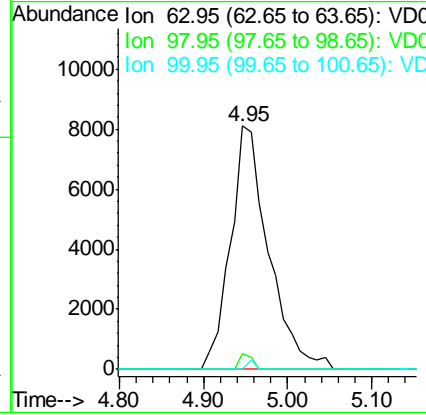
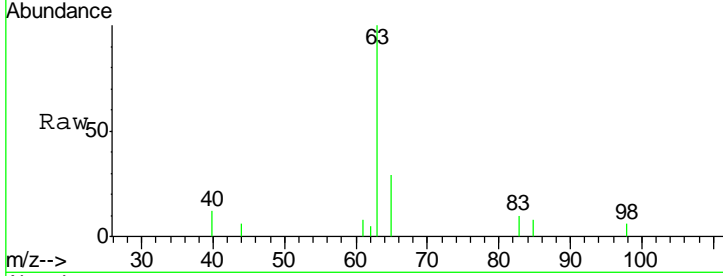




#24  
 1,1-Dichloroethane  
 Concen: 2.799 ug/l  
 RT: 4.95 min Scan# 358  
 Delta R.T. -0.05 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

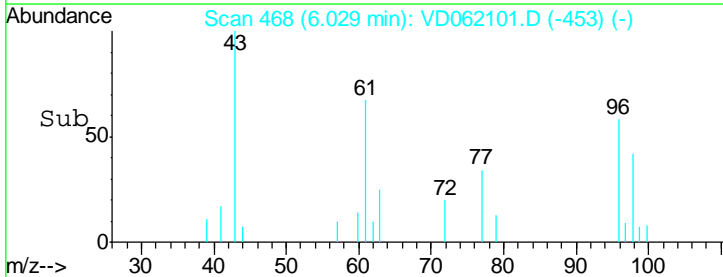
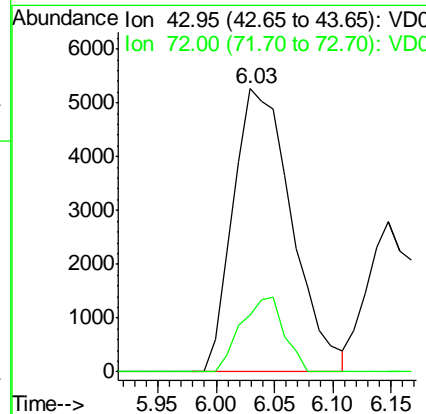
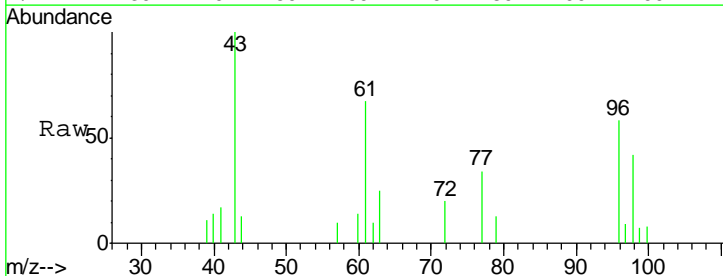
Instrument : MSVOA\_D  
 ClientSampleID : MDL-MDL-SOIL-03-QT2-2019

Tgt Ion	Resp	Lower	Upper
63	100		
98	6.4	2.8	8.4
100	0.0	1.8	5.5#

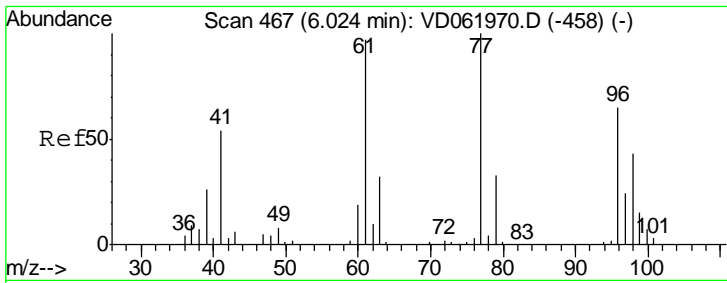


#25  
 2-Butanone  
 Concen: 13.919 ug/l  
 RT: 6.03 min Scan# 468  
 Delta R.T. -0.05 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
43	100		
72	19.9	16.2	24.4



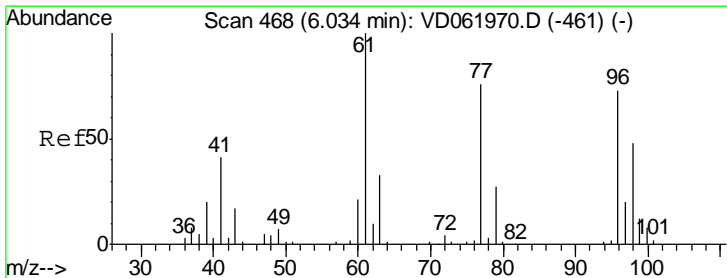
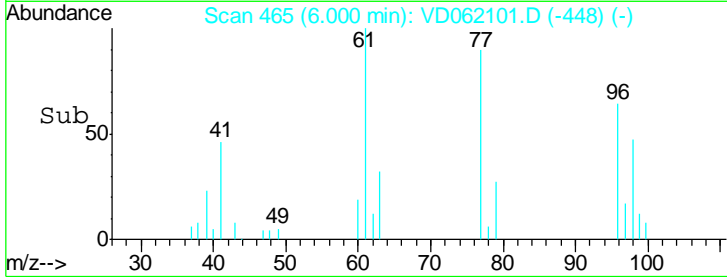
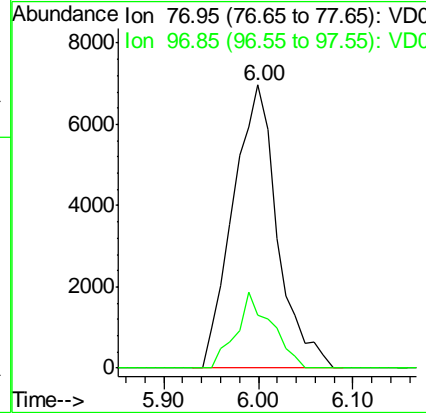
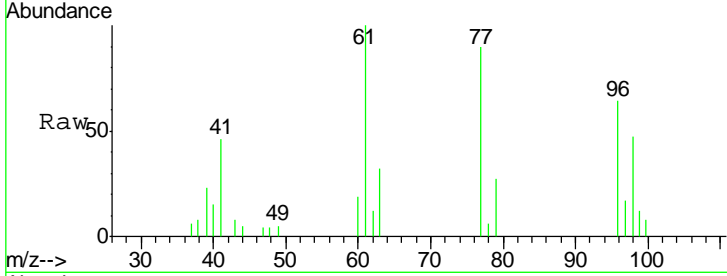




#26  
 2,2-Dichloropropane  
 Concen: 2.843 ug/l  
 RT: 6.00 min Scan# 465  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

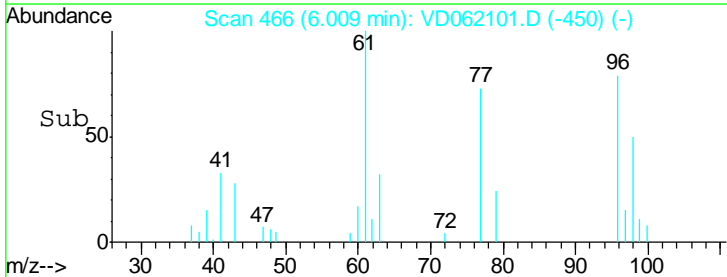
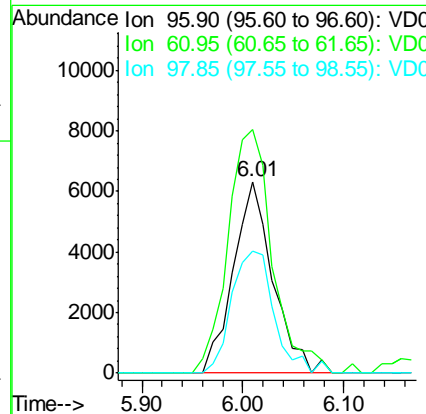
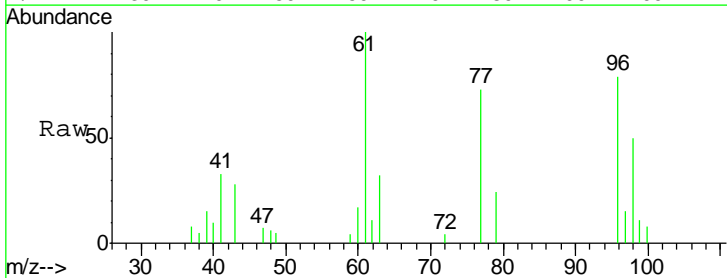
Instrument :  
 MSVOA\_D  
 ClientSampled :  
 MDL-MDL-SOIL-03-QT2-2019

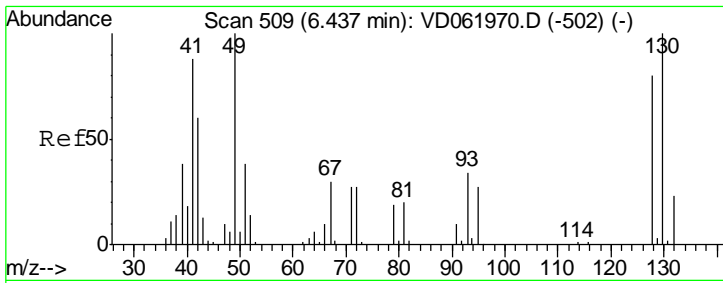
Tot Ion: 77 Resp: 22685  
 Ion Ratio Lower Upper  
 77 100  
 97 18.8 11.9 35.9



#27  
 cis-1,2-Dichloroethene  
 Concen: 2.779 ug/l  
 RT: 6.01 min Scan# 466  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion: 96 Resp: 17220  
 Ion Ratio Lower Upper  
 96 100  
 61 127.0 0.0 279.8  
 98 63.8 0.0 136.0

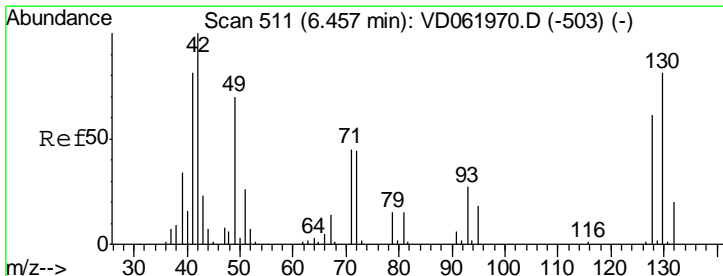
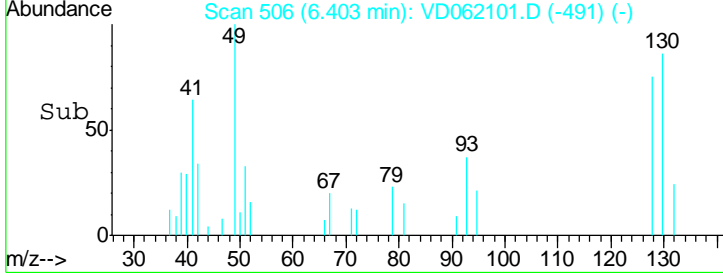
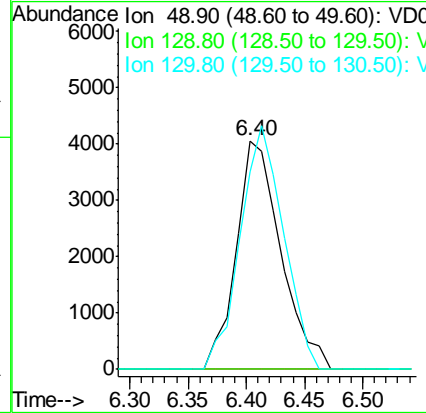
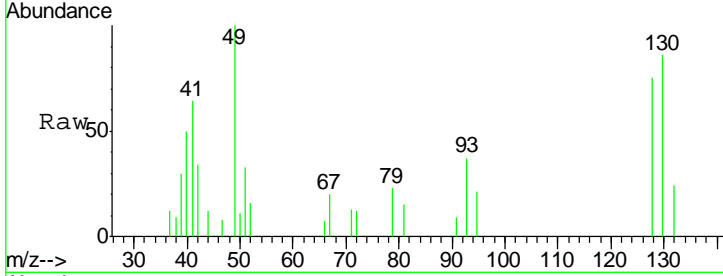




#28  
 Bromochloromethane  
 Concen: 3.083 ug/l  
 RT: 6.40 min Scan# 506  
 Delta R.T. -0.05 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

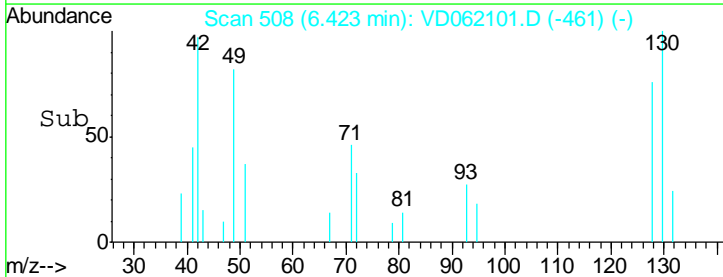
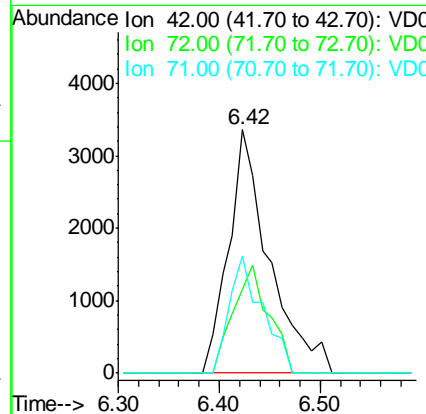
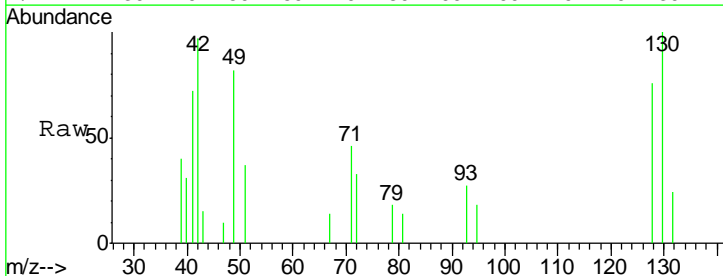
Instrument : MSVOA\_D  
 ClientSampleId : MDL-MDL-SOIL-03-QT2-2019

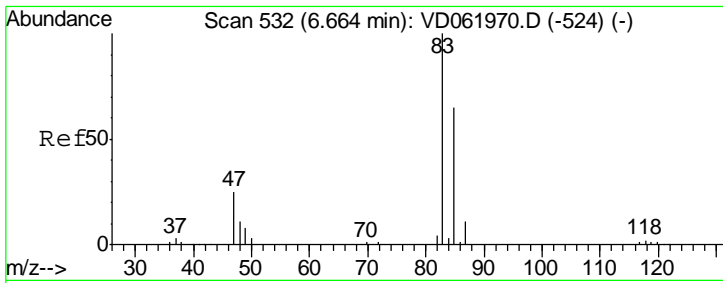
Tgt Ion	Resp	Lower	Upper
49	10792		
129	0.0	0.0	6.6
130	86.4	86.7	130.1#



#29  
 Tetrahydrofuran  
 Concen: 14.443 ug/l  
 RT: 6.42 min Scan# 508  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
42	9391		
72	38.5	37.8	56.6
71	39.3	36.7	55.1

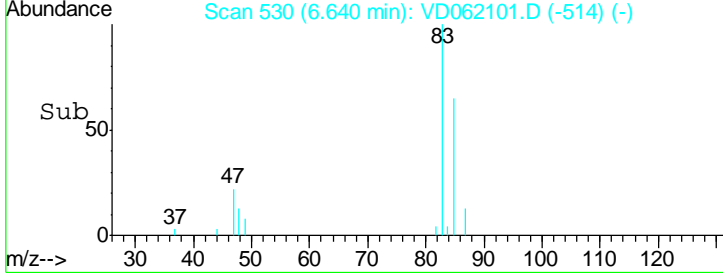
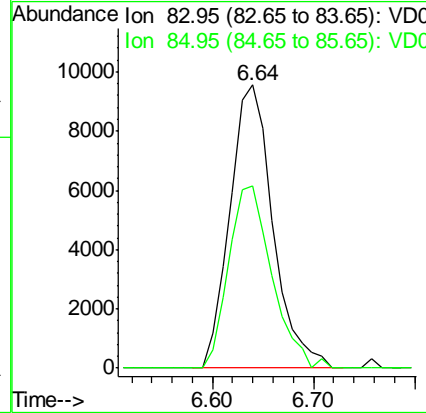
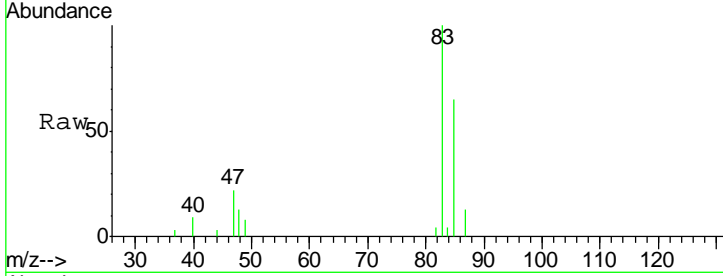




#30  
 Chloroform  
 Concen: 2.723 ug/l  
 RT: 6.64 min Scan# 530  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

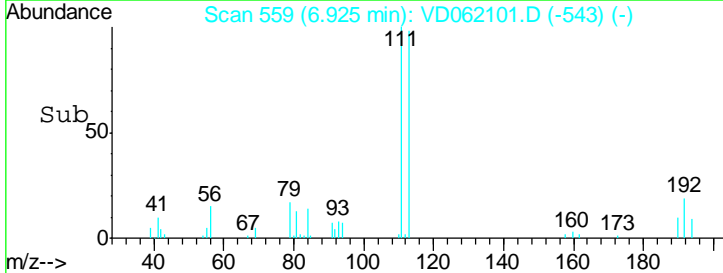
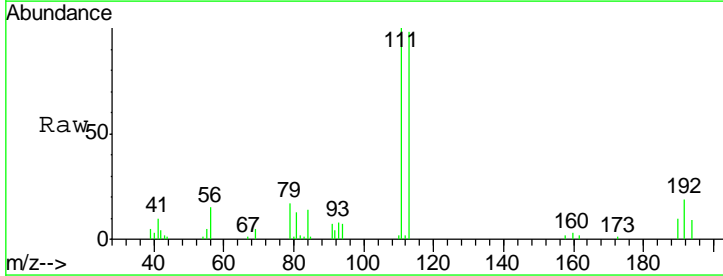
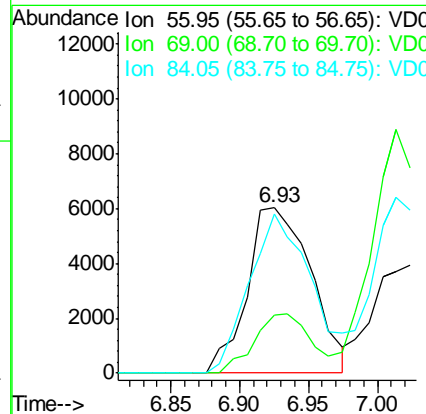
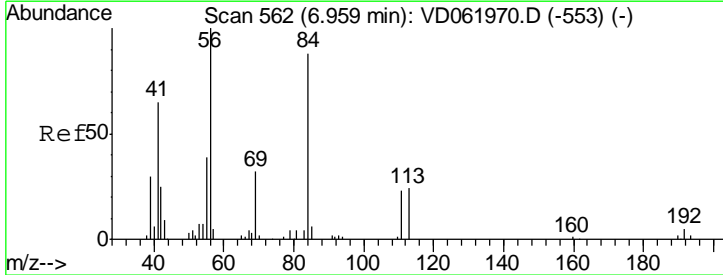
**Instrument :**  
 MSVOA\_D  
**ClientSampleId :**  
 MDL-MDL-SOIL-03-QT2-2019

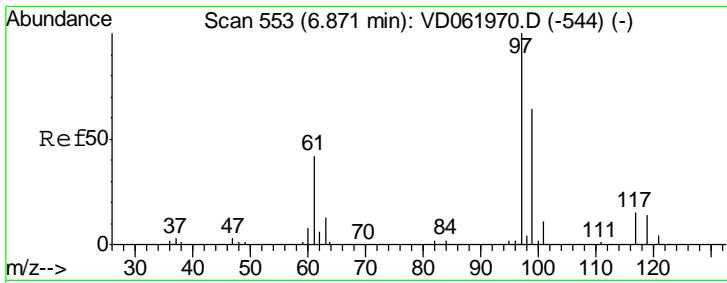
Tgt Ion	Resp	Lower	Upper
83	100		
85	64.5	51.7	77.5



#31  
 Cyclohexane  
 Concen: 2.869 ug/l  
 RT: 6.93 min Scan# 559  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
56	100		
69	34.7	25.8	38.6
84	96.0	72.2	108.4

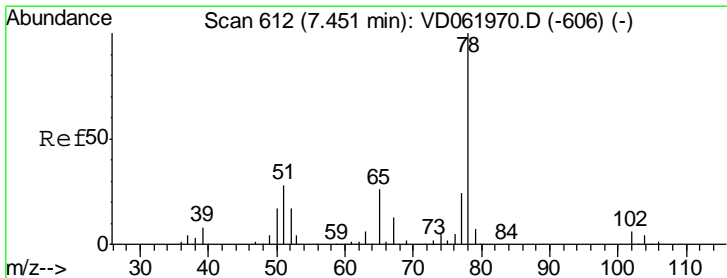
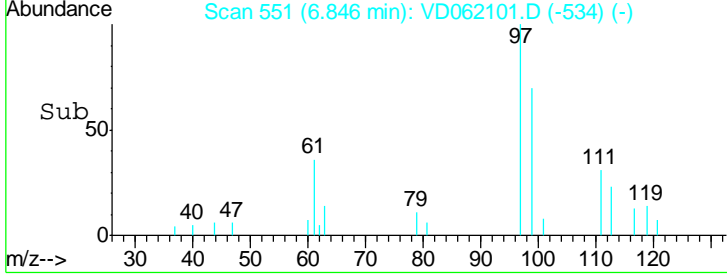
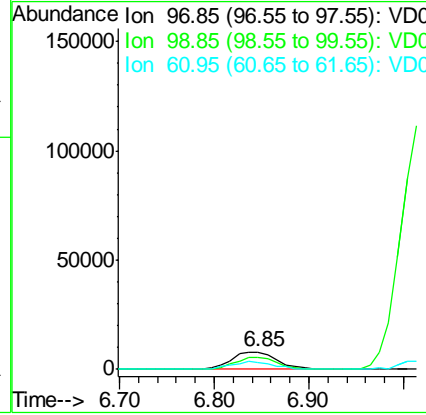
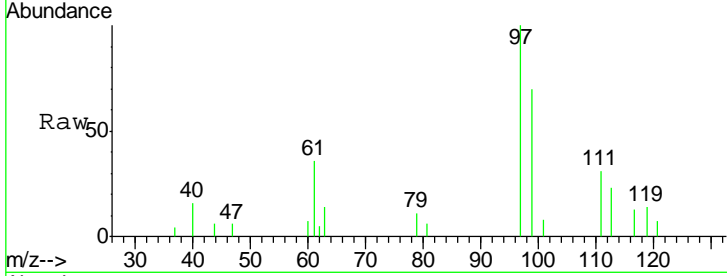




#32  
 1,1,1-Trichloroethane  
 Concen: 2.919 ug/l  
 RT: 6.85 min Scan# 551  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

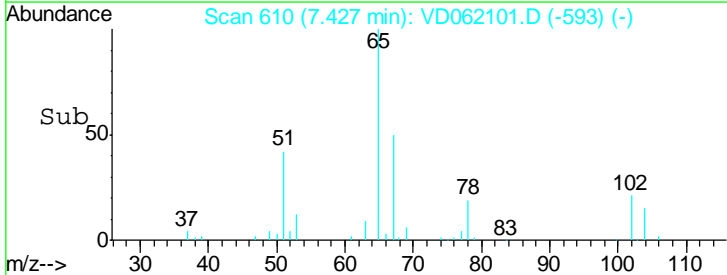
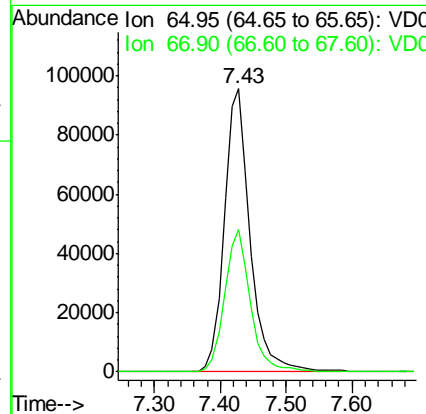
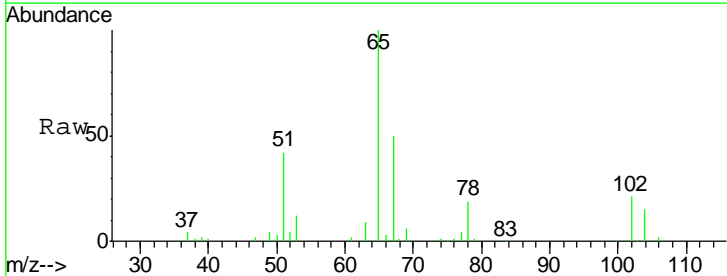
Instrument :  
 MSVOA\_D  
 ClientSampled :  
 MDL-MDL-SOIL-03-QT2-2019

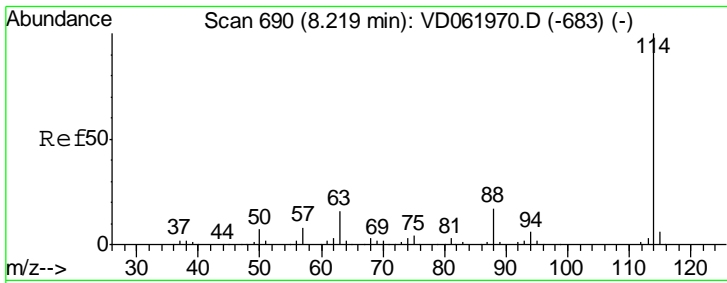
Tgt Ion	Resp	Lower	Upper
97	100		
99	69.9	52.2	78.2
61	36.4	32.4	48.6



#33  
 1,2-Dichloroethane-d4  
 Concen: 57.035 ug/l  
 RT: 7.43 min Scan# 610  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
65	100		
67	50.2	0.0	98.0

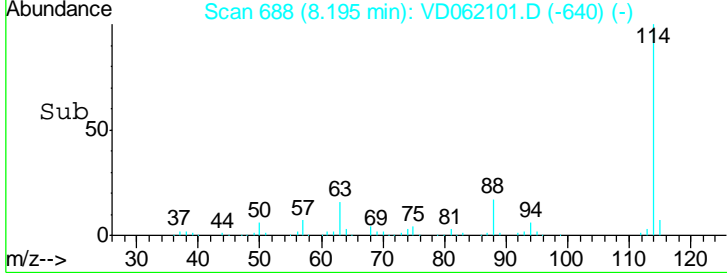
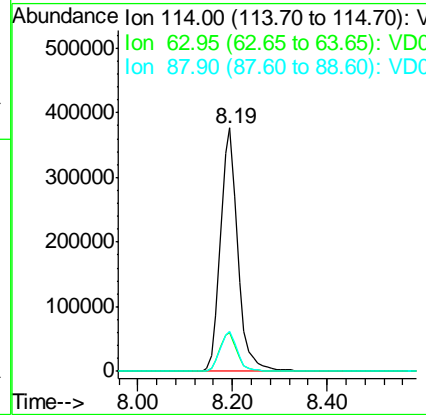
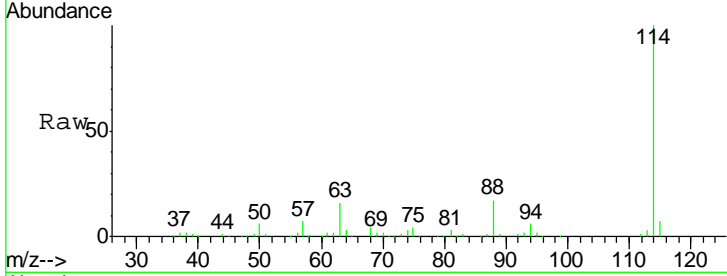




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.19 min Scan# 688  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

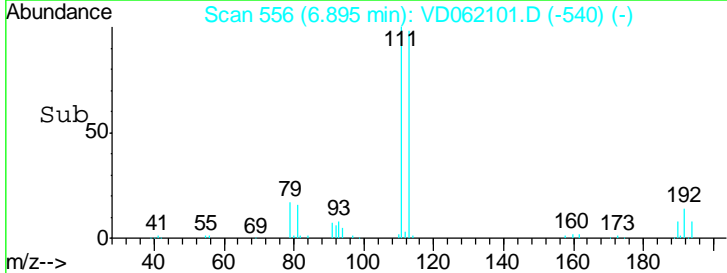
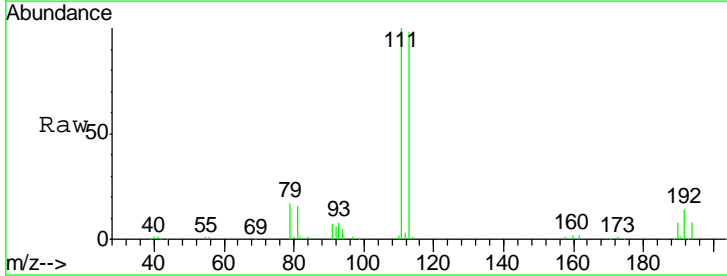
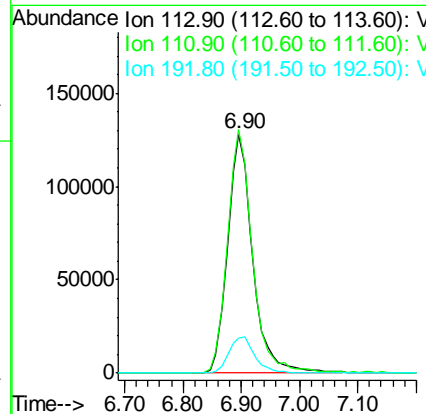
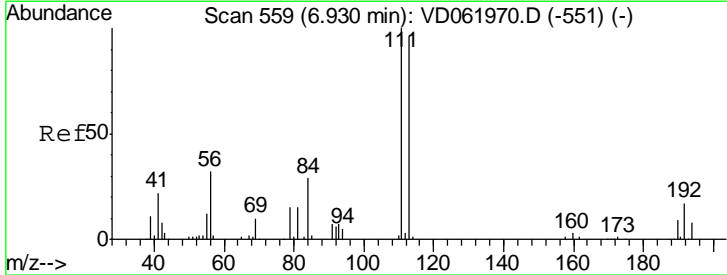
**Instrument :**  
 MSVOA\_D  
**ClientSampleId :**  
 MDL-MDL-SOIL-03-QT2-2019

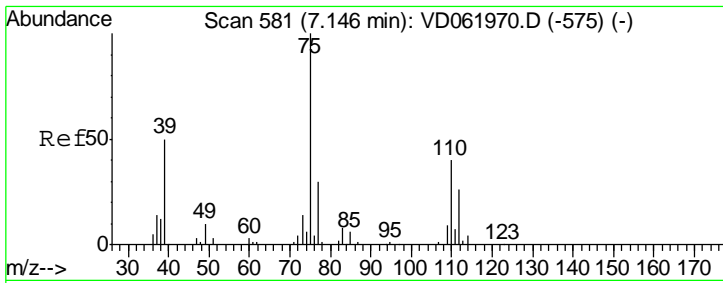
Tgt Ion	Resp	Lower	Upper
114	951403		
63	16.1	0.0	32.4
88	16.6	0.0	33.6



#35  
 Dibromofluoromethane  
 Concen: 57.885 ug/l  
 RT: 6.90 min Scan# 556  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
113	380875		
111	101.8	78.5	117.7
192	14.5	13.0	19.4

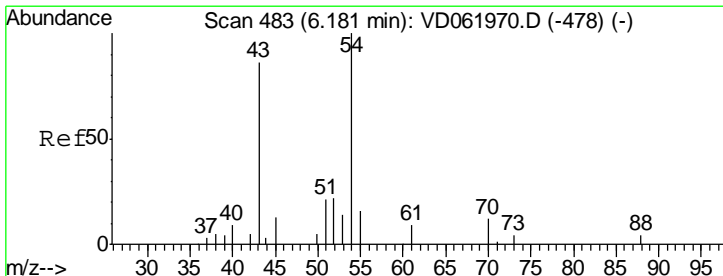
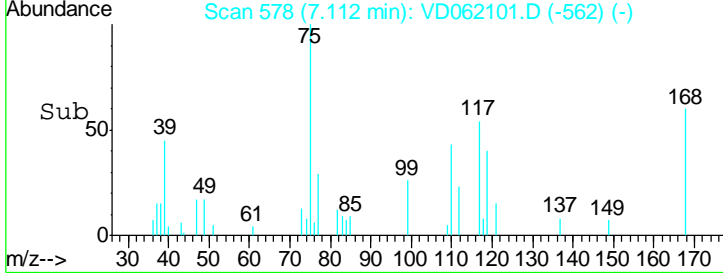
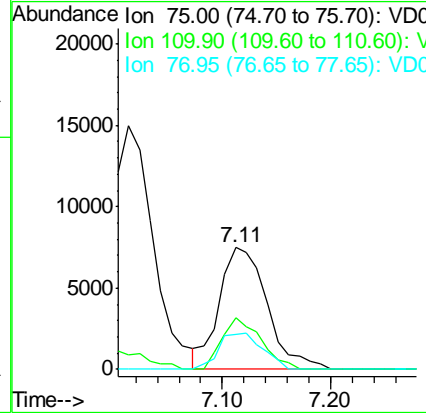
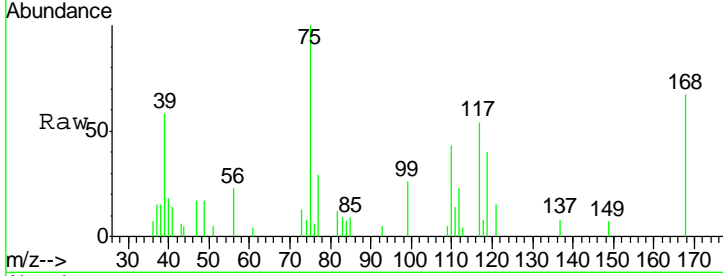




#36  
 1,1-Dichloropropene  
 Concen: 3.095 ug/l  
 RT: 7.11 min Scan# 578  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

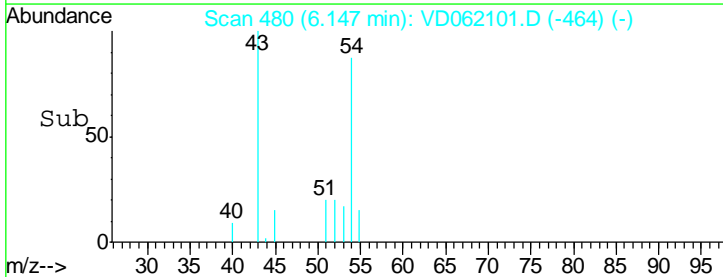
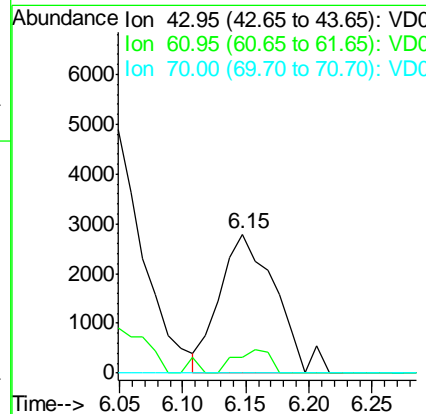
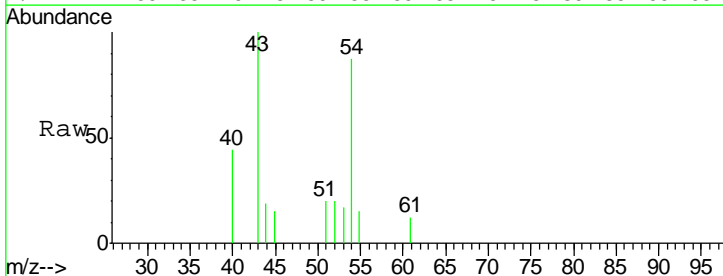
Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 MDL-MDL-SOIL-03-QT2-2019

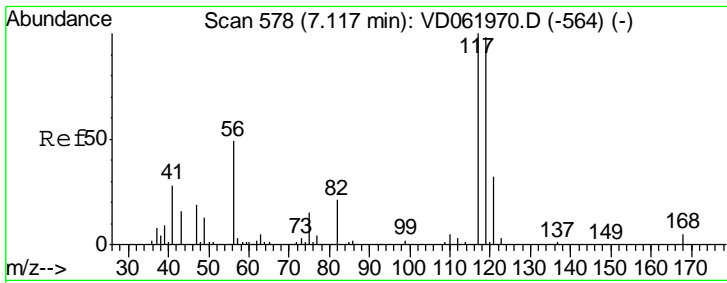
Tgt Ion	Resp	Lower	Upper
75	100		
110	42.8	19.1	57.1
77	28.6	25.6	38.4



#37  
 Ethyl Acetate  
 Concen: 2.727 ug/l  
 RT: 6.15 min Scan# 480  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
43	100		
61	11.6	14.7	22.1#
70	0.0	7.8	11.6#

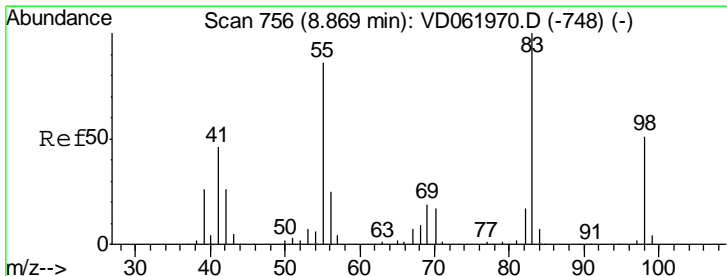
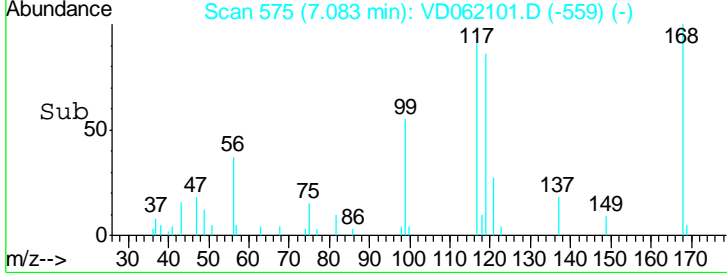
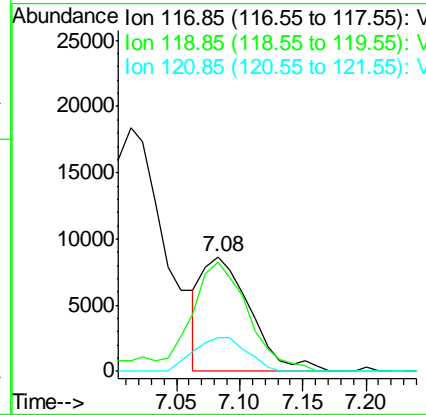
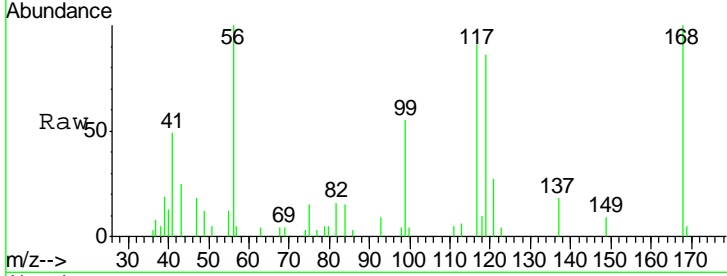




#38  
 Carbon Tetrachloride  
 Concen: 2.412 ug/l  
 RT: 7.08 min Scan# 575  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

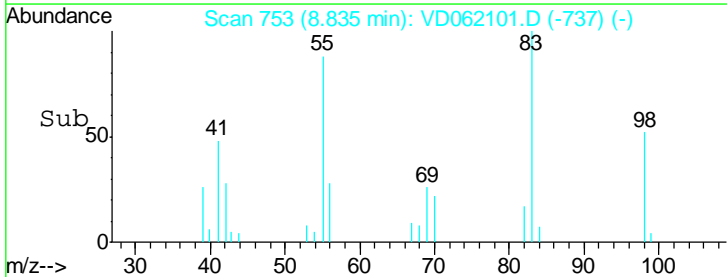
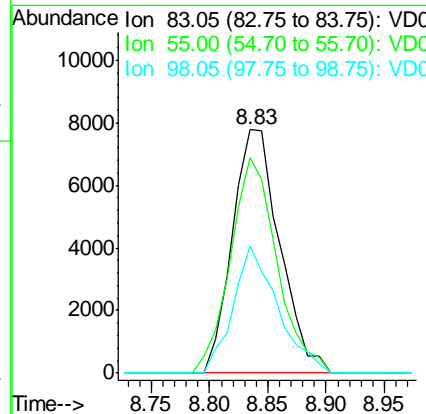
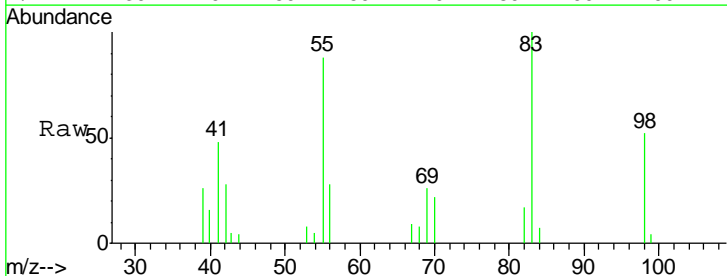
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MDL-MDL-SOIL-03-QT2-2019

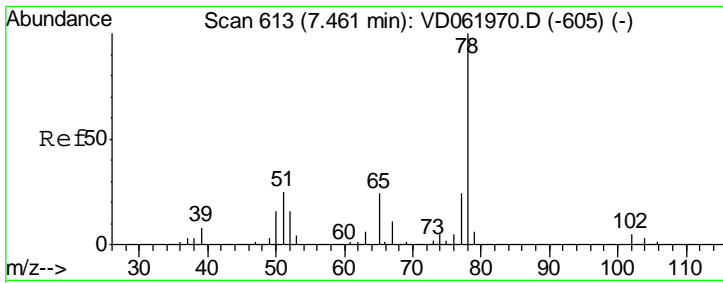
Tgt Ion	Resp	Lower	Upper
117	22658		
119	95.1	75.8	113.8
121	29.2	25.9	38.9



#39  
 Methylcyclohexane  
 Concen: 2.998 ug/l  
 RT: 8.83 min Scan# 753  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
83	21922		
55	88.4	68.2	102.4
98	52.3	38.2	57.4

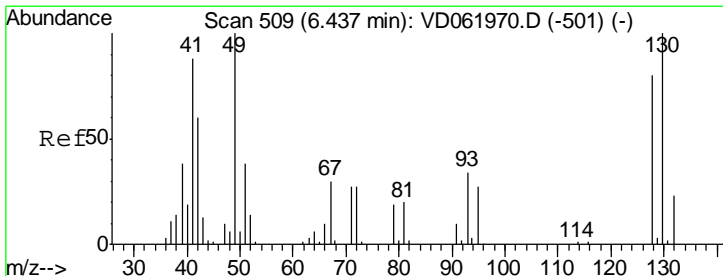
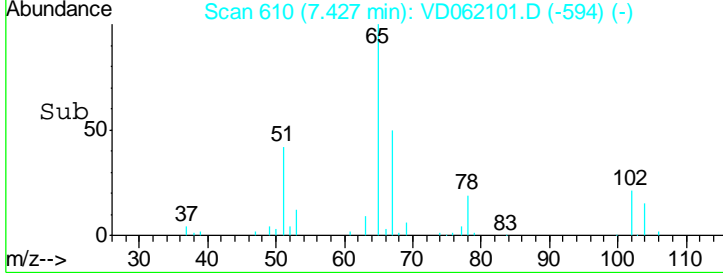
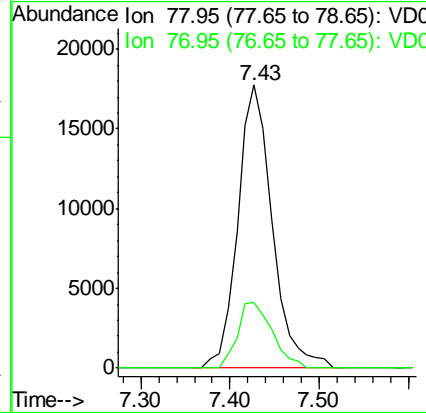
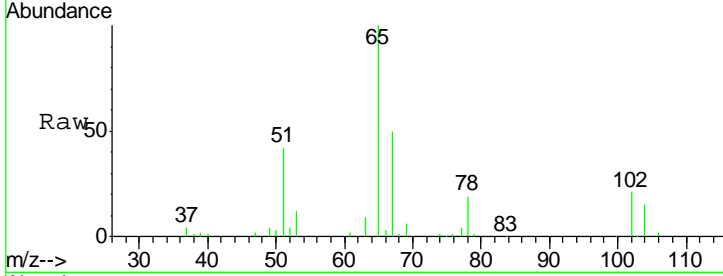




#40  
Benzene  
Concen: 2.597 ug/l  
RT: 7.43 min Scan# 610  
Delta R.T. -0.04 min  
Lab File: VD062101.D  
Acq: 1 May 2019 14:27

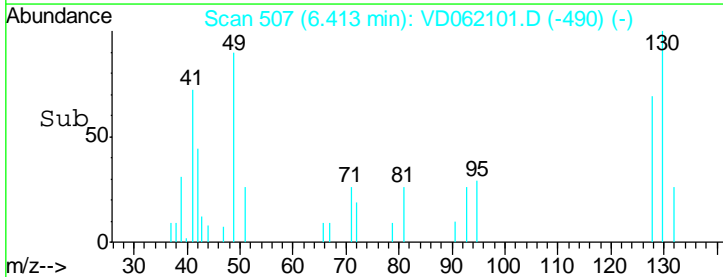
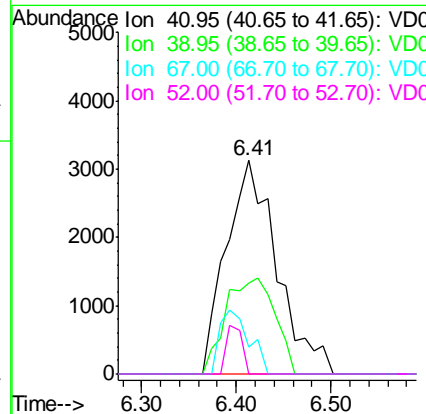
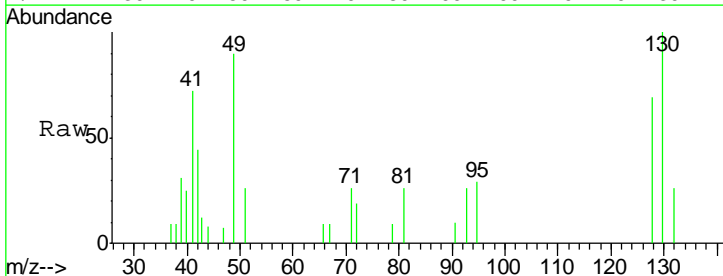
Instrument : MSVOA\_D  
ClientSampleId : MDL-MDL-SOIL-03-QT2-2019

Tgt Ion	Resp	Lower	Upper
78	47652		
77	23.2	19.7	29.5

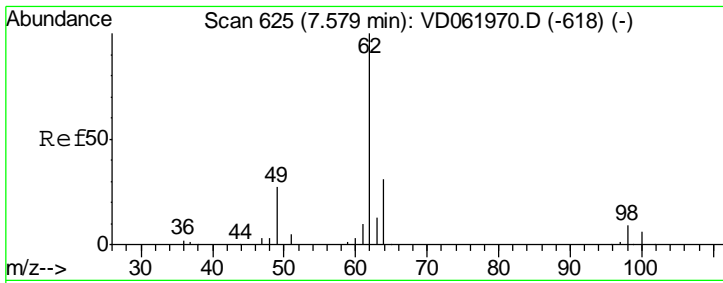


#41  
Methacrylonitrile  
Concen: 3.163 ug/l  
RT: 6.41 min Scan# 507  
Delta R.T. -0.03 min  
Lab File: VD062101.D  
Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
41	11657		
39	42.5	34.1	51.1
67	12.5	23.8	35.6#
52	0.0	8.8	13.2#



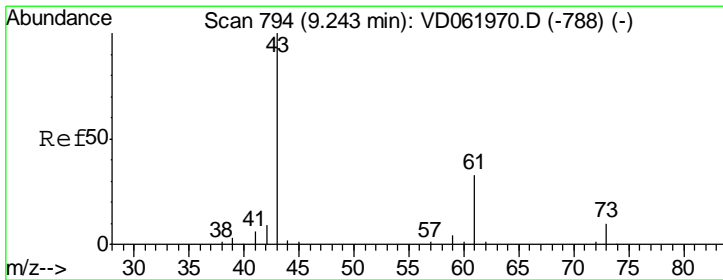
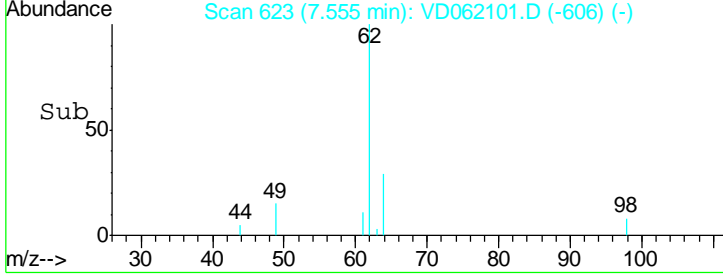
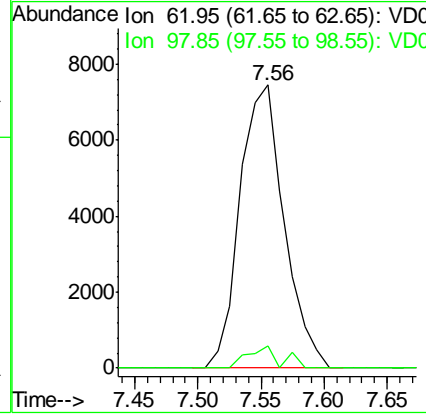
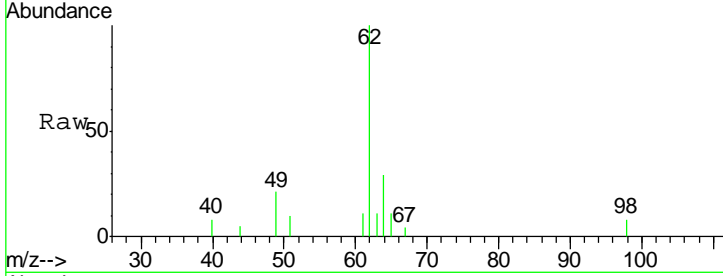




#42  
 1,2-Dichloroethane  
 Concen: 2.894 ug/l  
 RT: 7.56 min Scan# 623  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

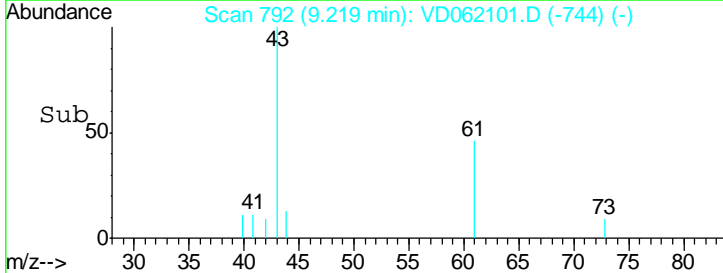
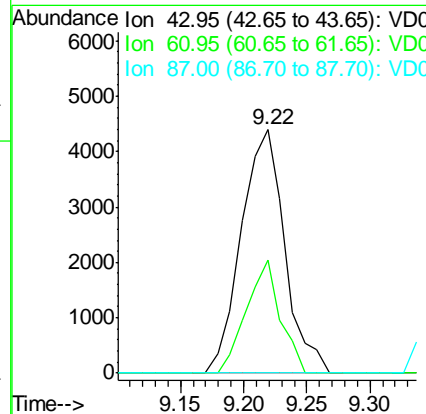
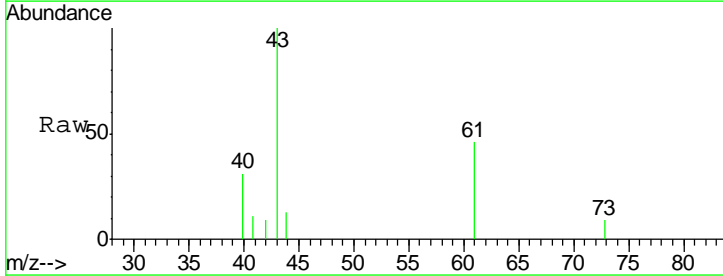
Instrument : MSVOA\_D  
 ClientSampleId : MDL-MDL-SOIL-03-QT2-2019

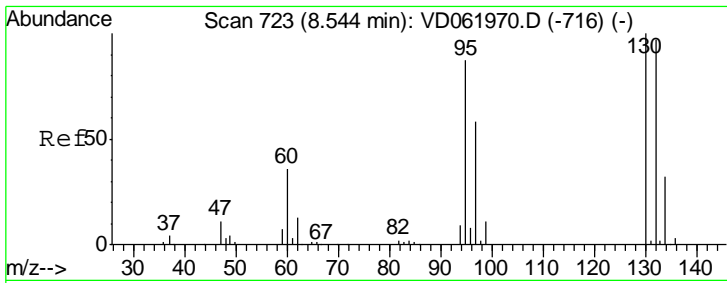
Tgt Ion	Resp	Lower	Upper
62	18031		
98	8.0	0.0	17.8



#43  
 Isopropyl Acetate  
 Concen: 2.271 ug/l  
 RT: 9.22 min Scan# 792  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
43	10482		
61	46.3	25.1	37.7#
87	0.0	0.0	0.0

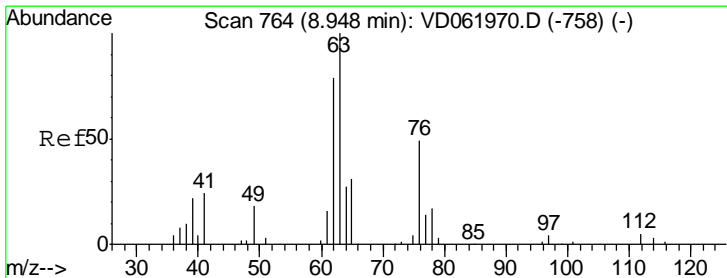
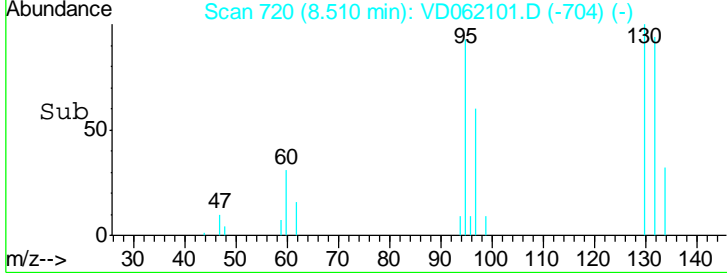
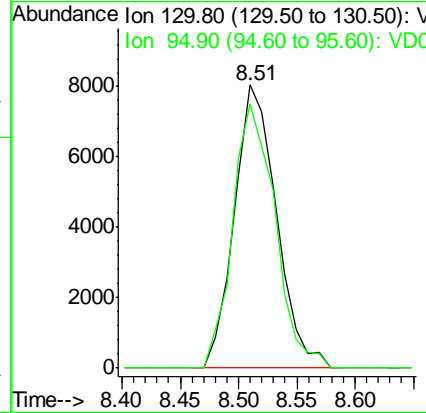
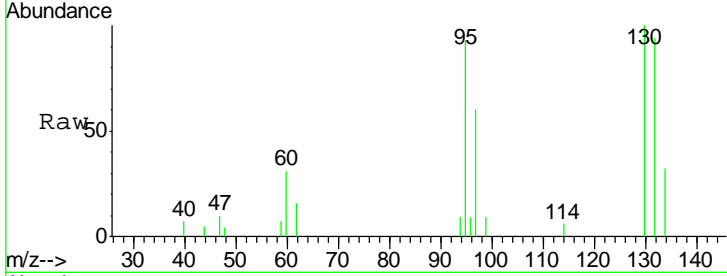




#44  
 Trichloroethene  
 Concen: 2.835 ug/l  
 RT: 8.51 min Scan# 720  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

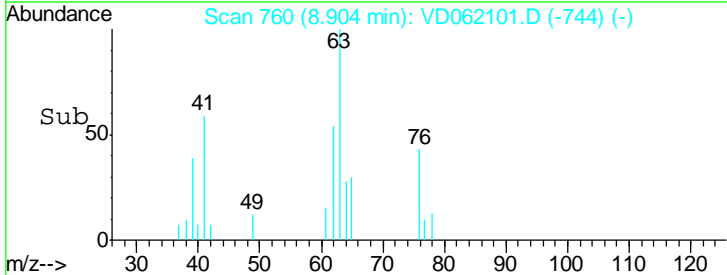
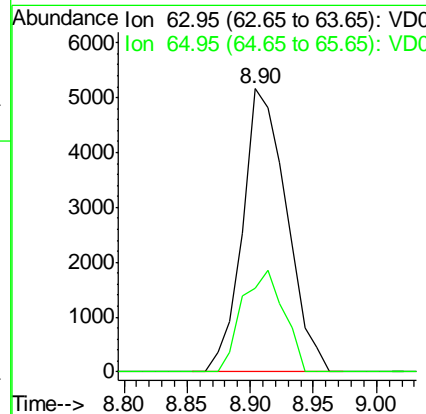
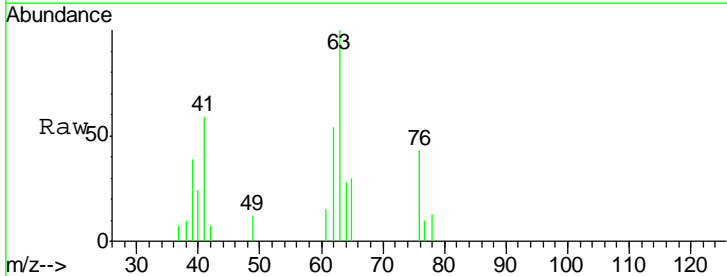
Instrument : MSVOA\_D  
 ClientSampled : MDL-MDL-SOIL-03-QT2-2019

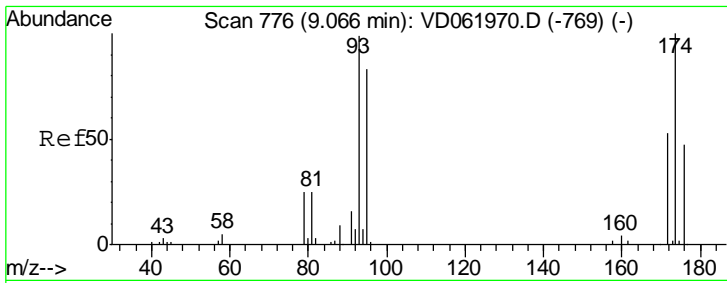
Tgt Ion	Resp	Lower	Upper
130	100		
95	93.3	0.0	174.0



#45  
 1,2-Dichloropropane  
 Concen: 2.683 ug/l  
 RT: 8.90 min Scan# 760  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
63	100		
65	29.6	23.8	35.6

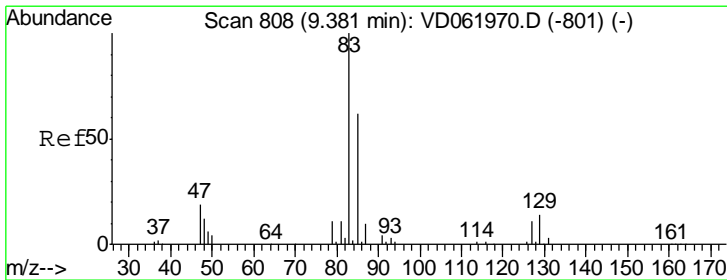
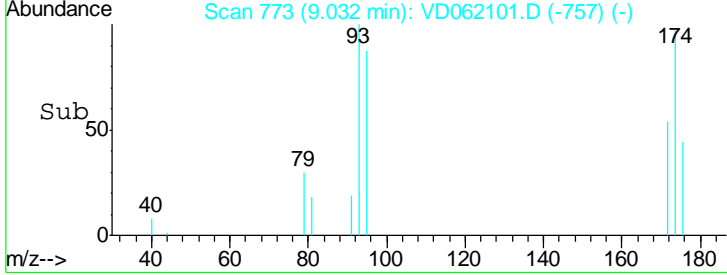
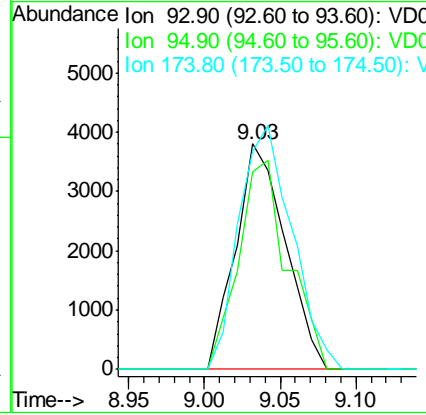
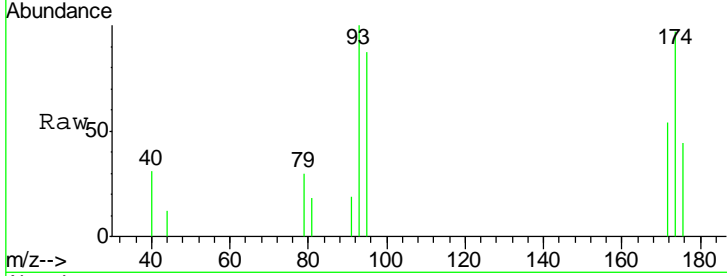




#46  
 Dibromomethane  
 Concen: 2.592 ug/l  
 RT: 9.03 min Scan# 773  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

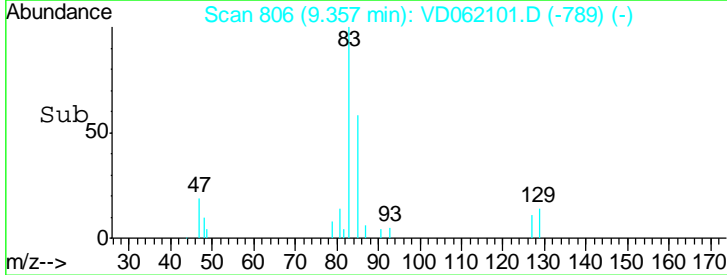
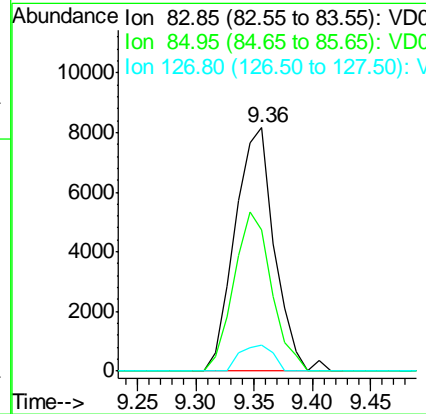
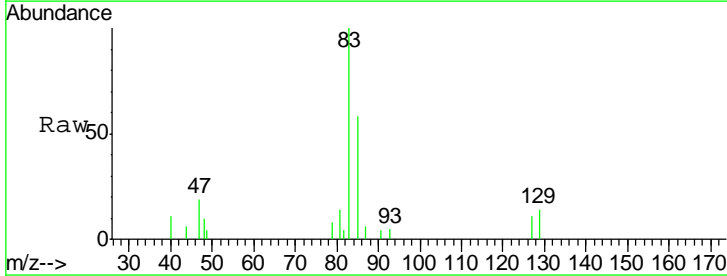
Instrument : MSVOA\_D  
 ClientSampleId : MDL-MDL-SOIL-03-QT2-2019

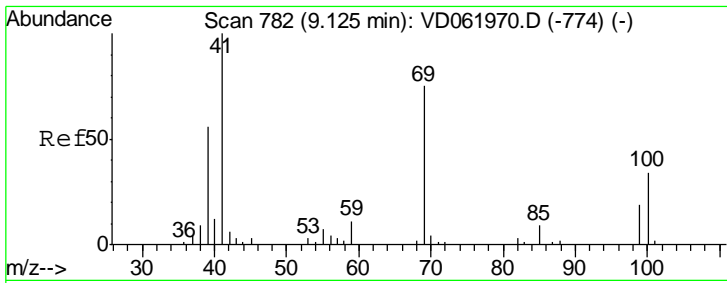
Tgt Ion	Resp	Lower	Upper
93	100		
95	87.5	64.8	97.2
174	96.7	79.3	118.9



#47  
 Bromodichloromethane  
 Concen: 2.420 ug/l  
 RT: 9.36 min Scan# 806  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
83	100		
85	58.0	50.9	76.3
127	10.6	8.1	12.1

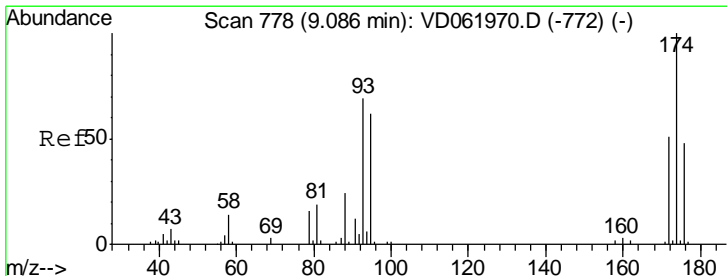
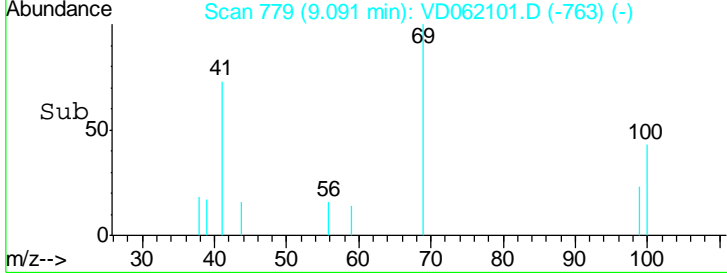
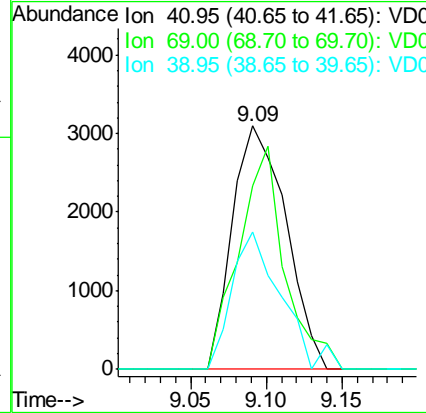
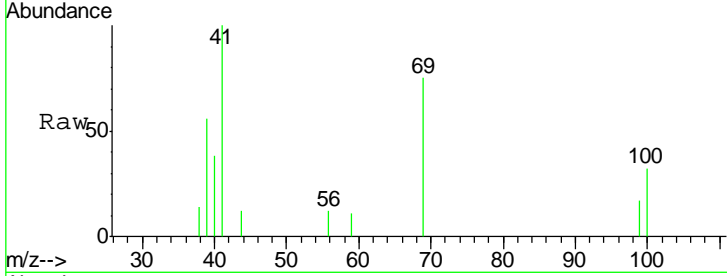




#48  
 Methyl methacrylate  
 Concen: 2.896 ug/l  
 RT: 9.09 min Scan# 779  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

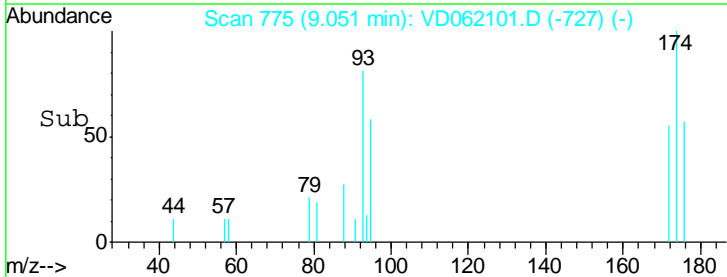
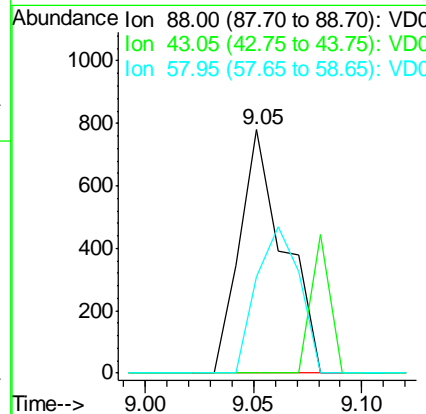
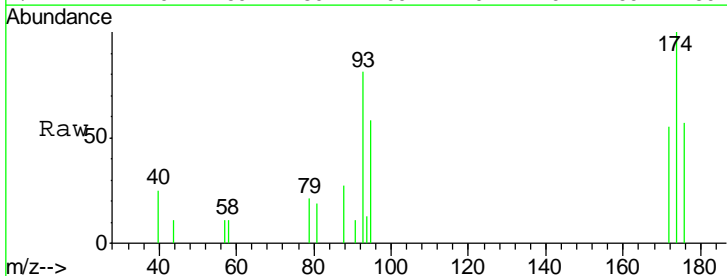
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MDL-MDL-SOIL-03-QT2-2019

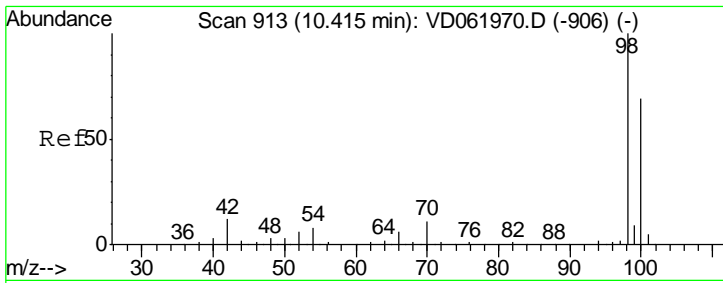
Tgt Ion	Resp	Lower	Upper
41	100		
69	75.1	64.2	96.2
39	56.4	46.8	70.2



#49  
 1,4-Dioxane  
 Concen: 39.486 ug/l  
 RT: 9.05 min Scan# 775  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
88	100		
43	42.3	23.4	35.0#
58	39.6	44.0	66.0#

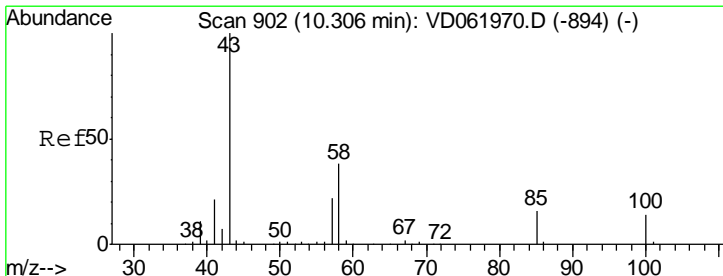
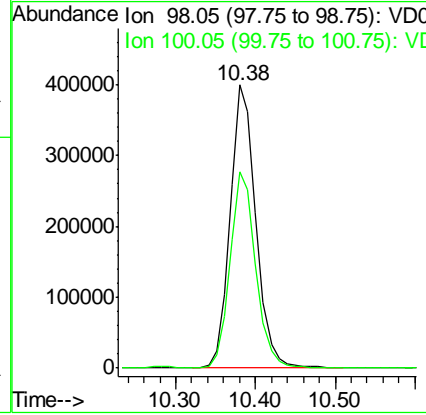
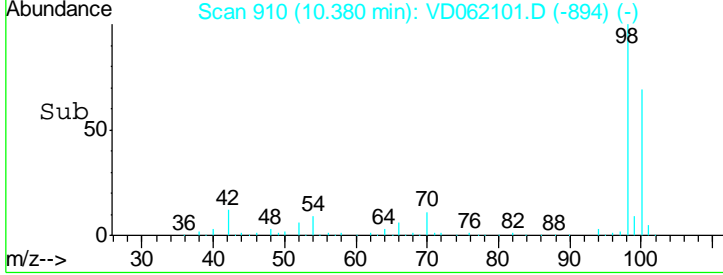
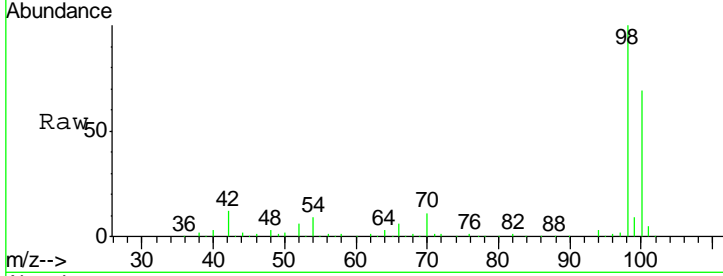




#50  
 Toluene-d8  
 Concen: 57.780 ug/l  
 RT: 10.38 min Scan# 910  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

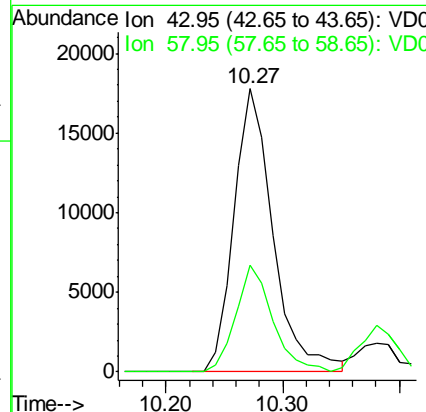
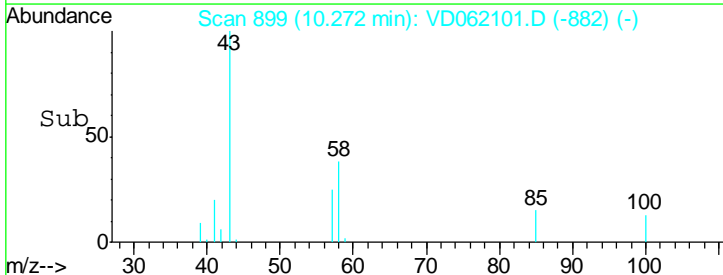
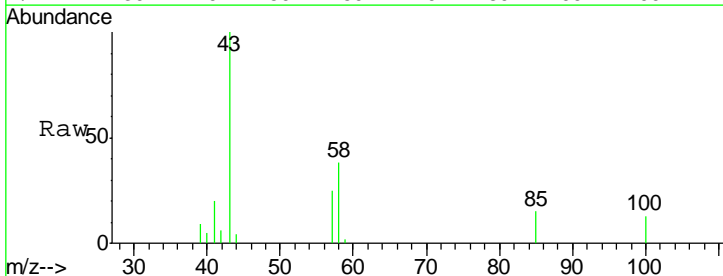
**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 MDL-MDL-SOIL-03-QT2-2019

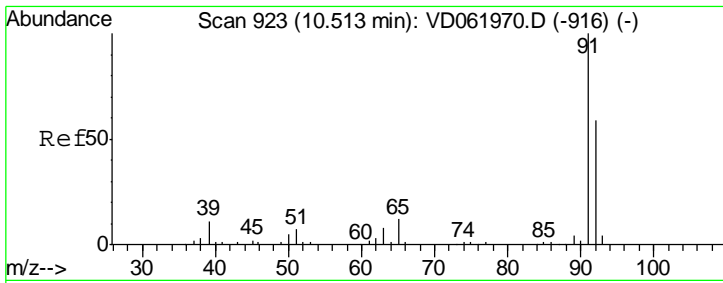
Tgt Ion: 98 Resp: 904655  
 Ion Ratio Lower Upper  
 98 100  
 100 69.4 53.8 80.8



#51  
 4-Methyl-2-Pentanone  
 Concen: 14.665 ug/l  
 RT: 10.27 min Scan# 899  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion: 43 Resp: 41393  
 Ion Ratio Lower Upper  
 43 100  
 58 37.8 30.4 45.6

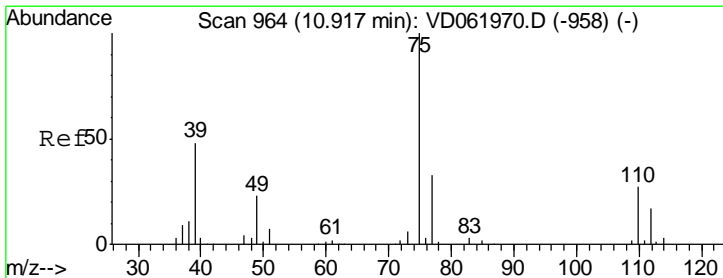
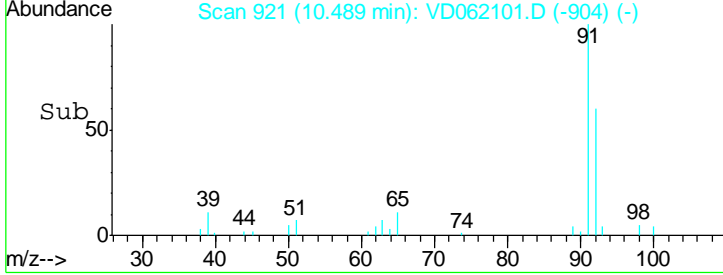
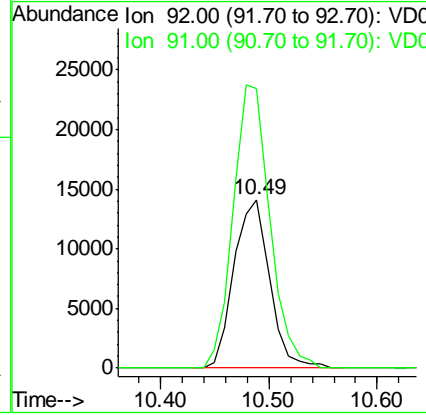
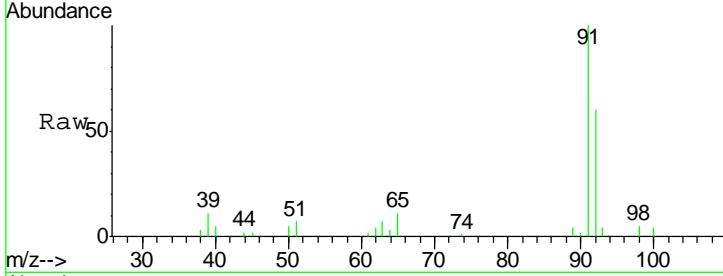




#52  
 Toluene  
 Concen: 2.766 ug/l  
 RT: 10.49 min Scan# 921  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

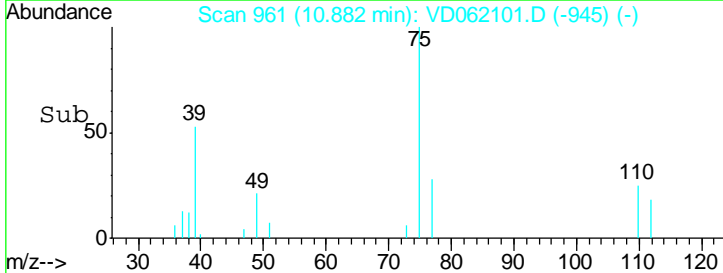
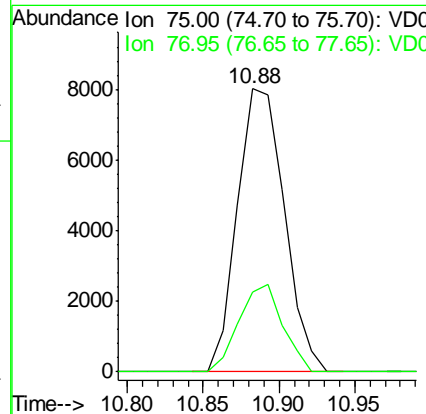
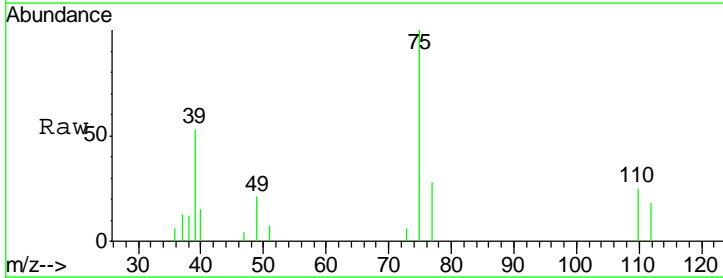
Instrument : MSVOA\_D  
 ClientSampled : MDL-MDL-SOIL-03-QT2-2019

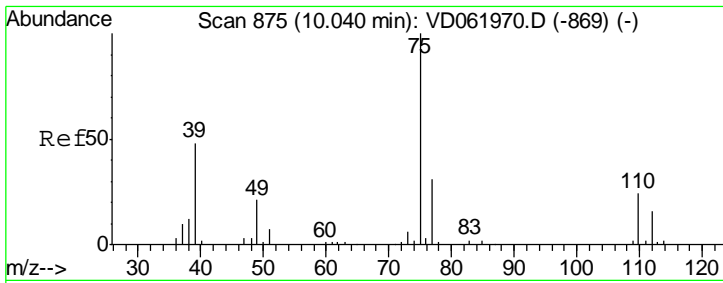
Tgt Ion	Resp	Lower	Upper
92	32367		
92	100		
91	166.2	136.6	204.8



#53  
 t-1,3-Dichloropropene  
 Concen: 2.606 ug/l  
 RT: 10.88 min Scan# 961  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
75	17314		
75	100		
77	28.2	25.8	38.8

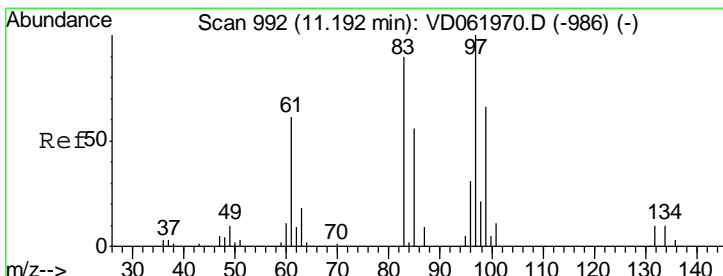
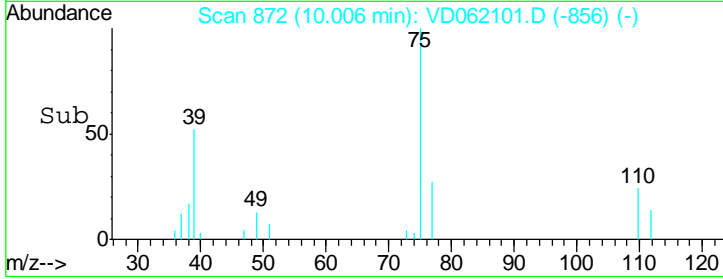
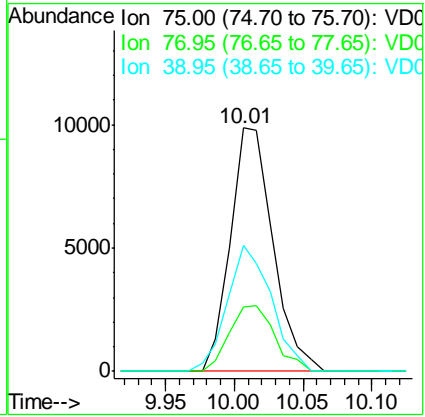
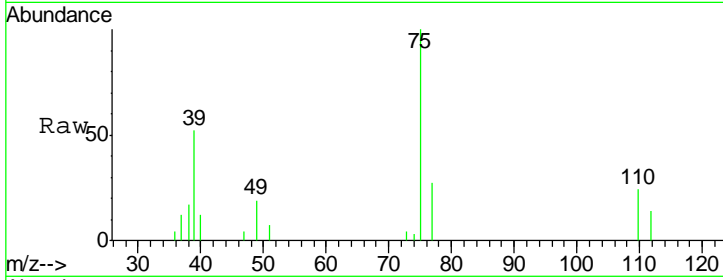




#54  
 cis-1,3-Dichloropropene  
 Concen: 2.626 ug/l  
 RT: 10.01 min Scan# 872  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

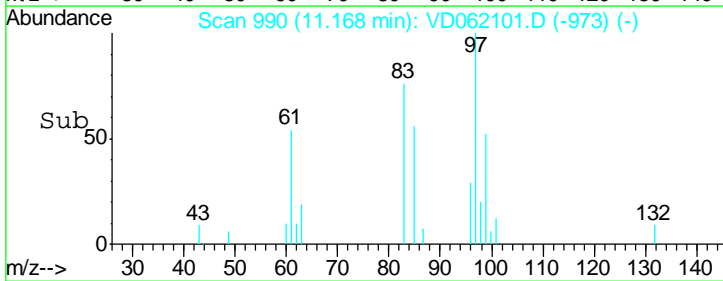
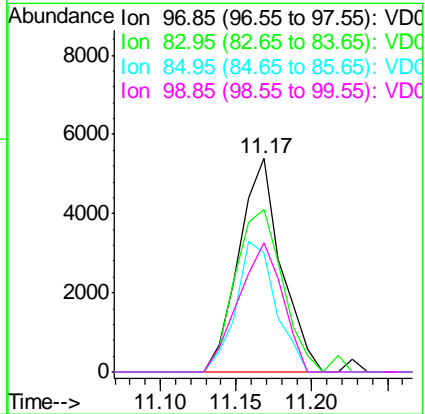
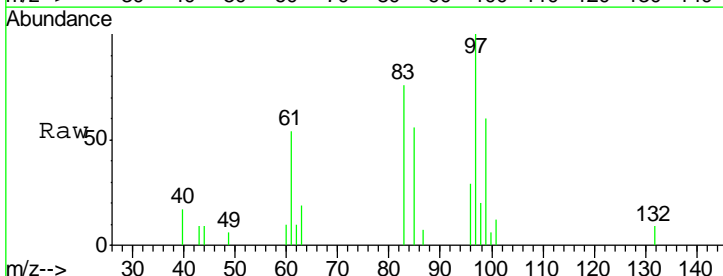
**Instrument :**  
 MSVOA\_D  
**ClientSampleId :**  
 MDL-MDL-SOIL-03-QT2-2019

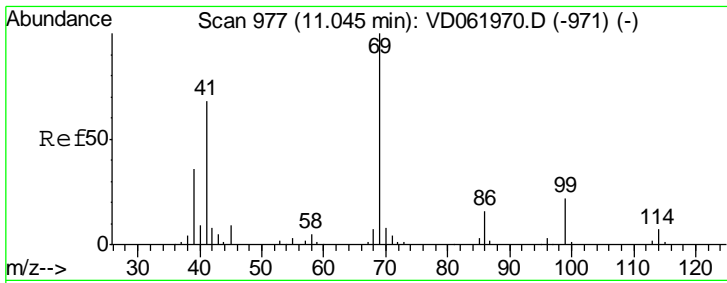
Tgt Ion	Resp	Lower	Upper
75	21220		
77	26.6	25.5	38.3
39	51.9	39.4	59.2



#55  
 1,1,2-Trichloroethane  
 Concen: 2.677 ug/l  
 RT: 11.17 min Scan# 990  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
97	10517		
83	76.0	65.7	98.5
85	55.8	45.6	68.4
99	60.4	48.4	72.6

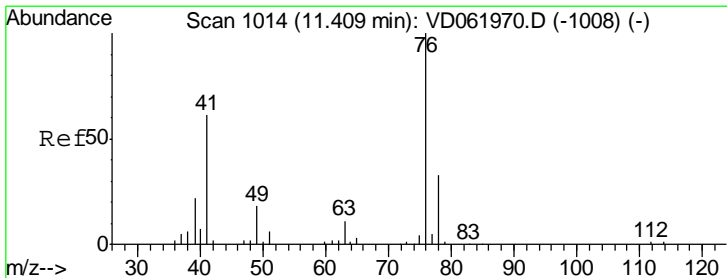
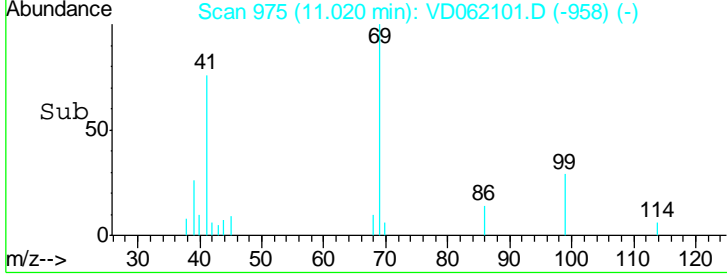
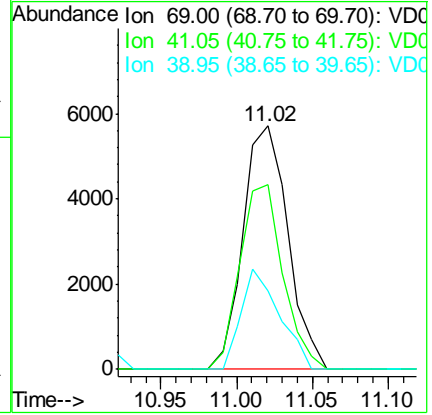
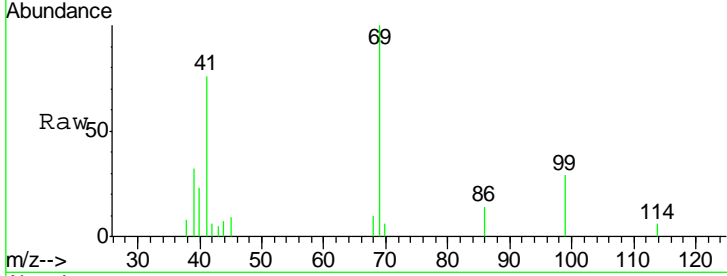




#56  
 Ethyl methacrylate  
 Concen: 2.708 ug/l  
 RT: 11.02 min Scan# 975  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

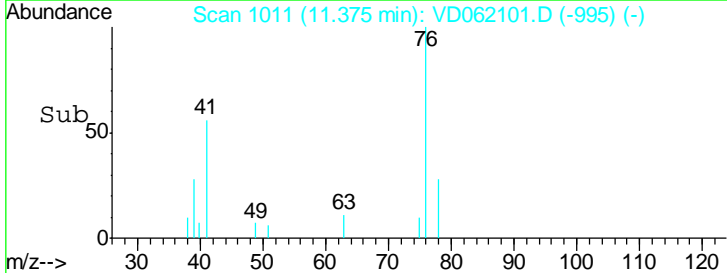
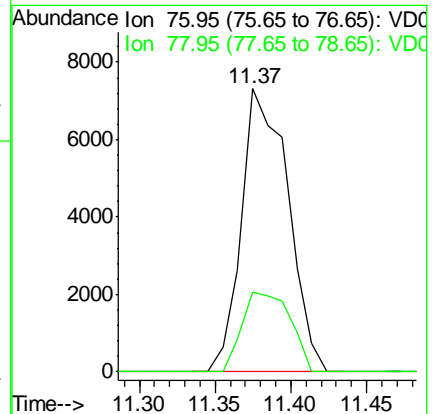
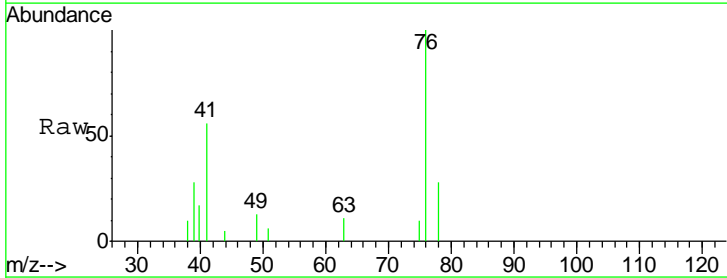
Instrument : MSVOA\_D  
 ClientSampled : MDL-MDL-SOIL-03-QT2-2019

Tgt Ion	Resp	Lower	Upper
69	11781		
41	75.9	56.3	84.5
39	32.2	29.4	44.2

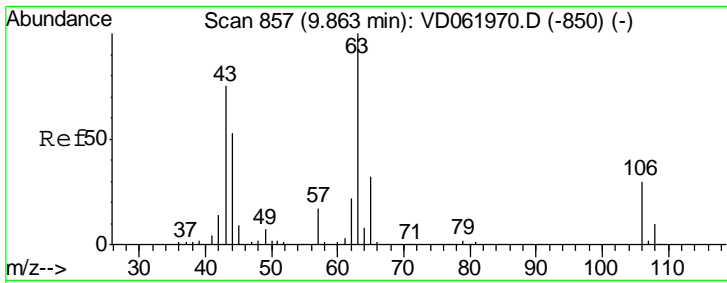


#57  
 1,3-Dichloropropane  
 Concen: 2.567 ug/l  
 RT: 11.37 min Scan# 1011  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
76	15577		
78	28.3	26.2	39.2



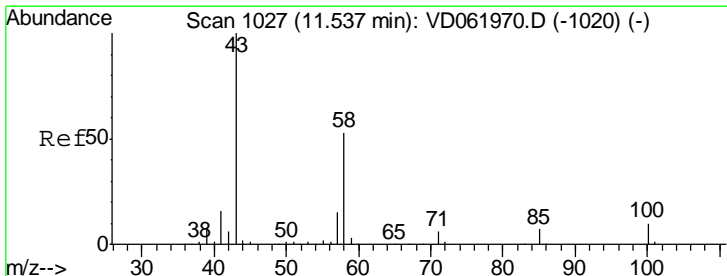
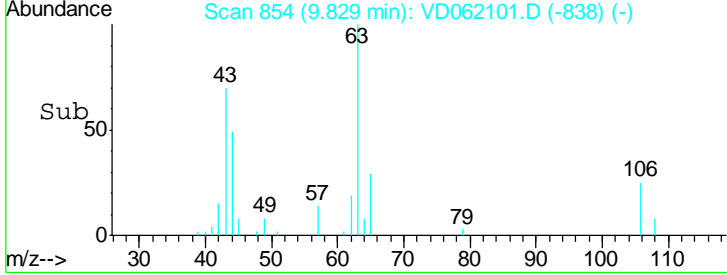
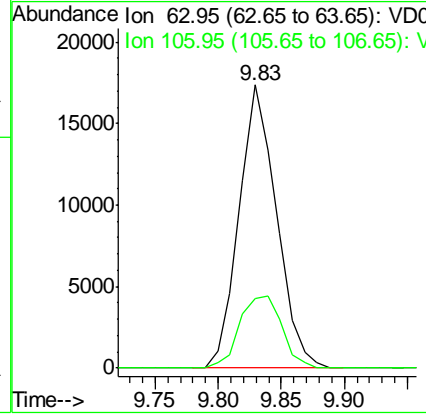
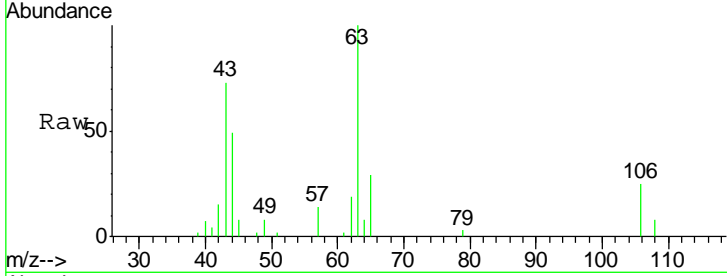




#58  
 2-Chloroethyl Vinyl ether  
 Concen: 17.610 ug/l  
 RT: 9.83 min Scan# 854  
 Delta R.T. -0.04 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

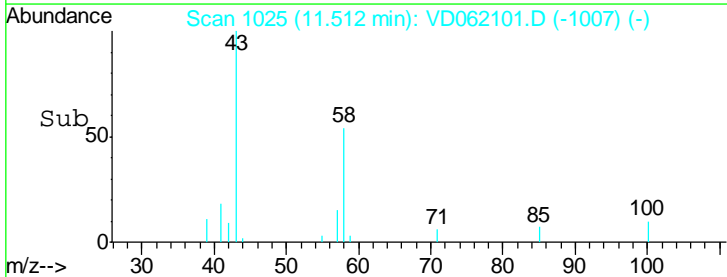
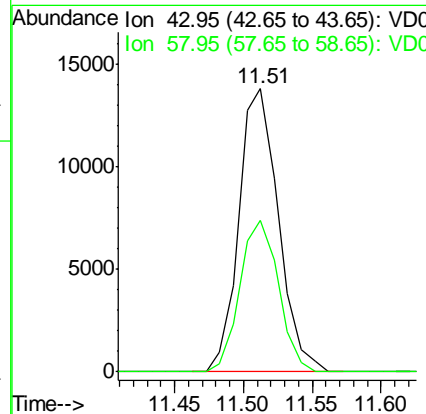
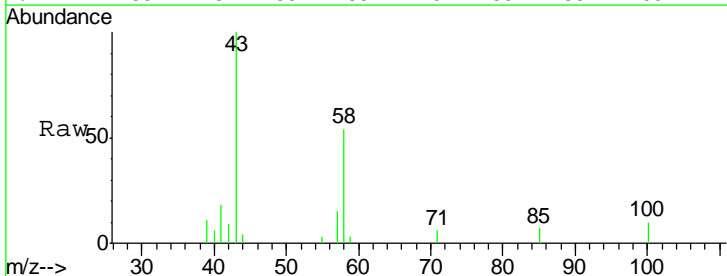
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MDL-MDL-SOIL-03-QT2-2019

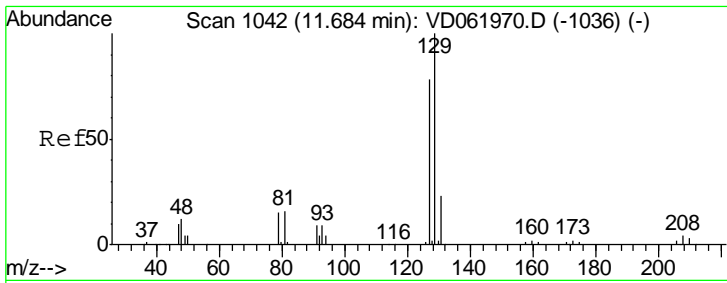
Tgt Ion: 63 Resp: 35620  
 Ion Ratio Lower Upper  
 63 100  
 106 24.5 22.6 34.0



#59  
 2-Hexanone  
 Concen: 13.000 ug/l  
 RT: 11.51 min Scan# 1025  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion: 43 Resp: 27525  
 Ion Ratio Lower Upper  
 43 100  
 58 53.5 25.4 76.4

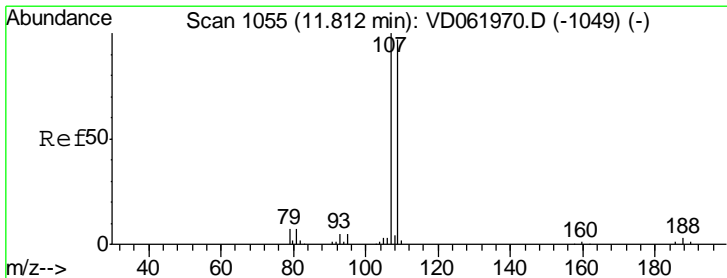
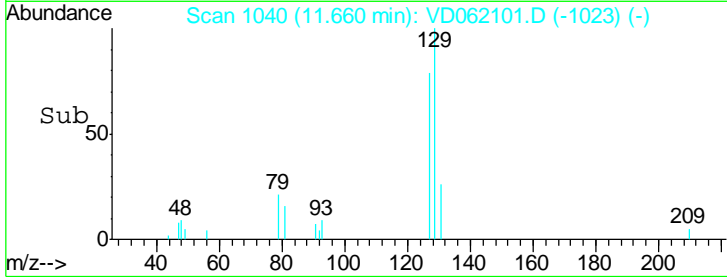
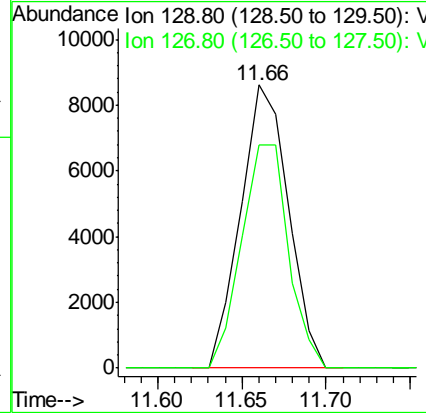
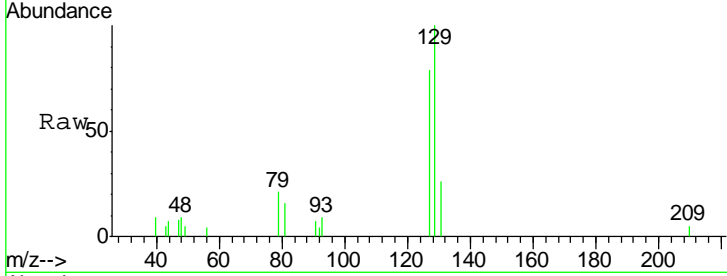




#60  
 Dibromochloromethane  
 Concen: 2.602 ug/l  
 RT: 11.66 min Scan# 1040  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

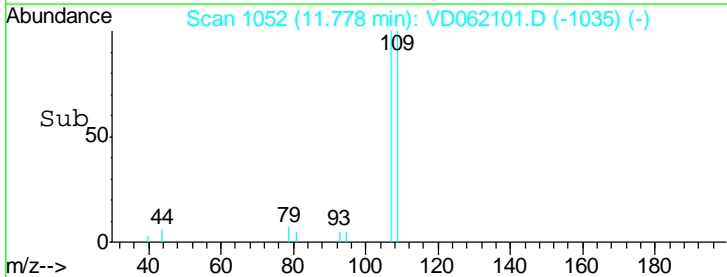
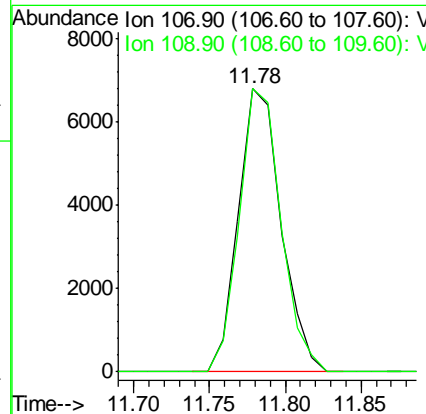
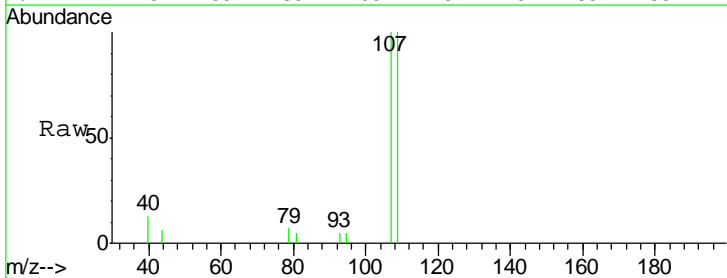
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MDL-MDL-SOIL-03-QT2-2019

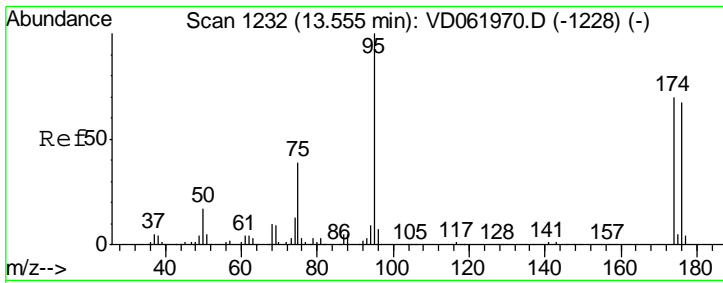
Tgt Ion:129 Resp: 16910  
 Ion Ratio Lower Upper  
 129 100  
 127 79.0 38.0 113.9



#61  
 1,2-Dibromoethane  
 Concen: 2.861 ug/l  
 RT: 11.78 min Scan# 1052  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion:107 Resp: 13330  
 Ion Ratio Lower Upper  
 107 100  
 109 100.1 78.3 117.5



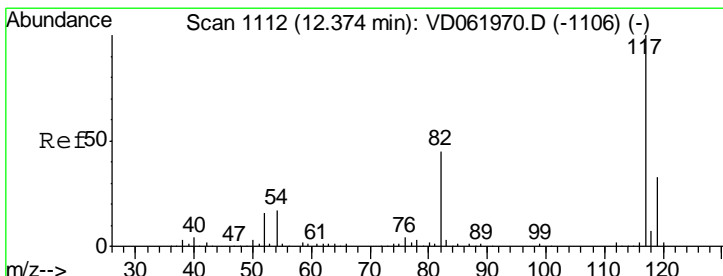
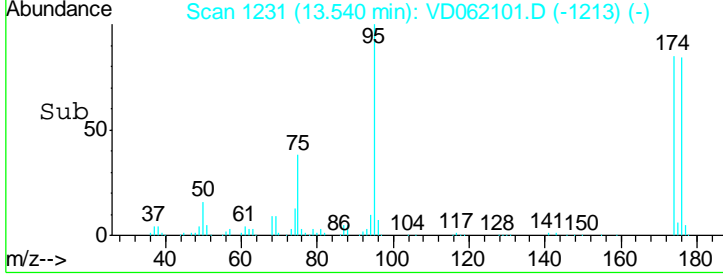
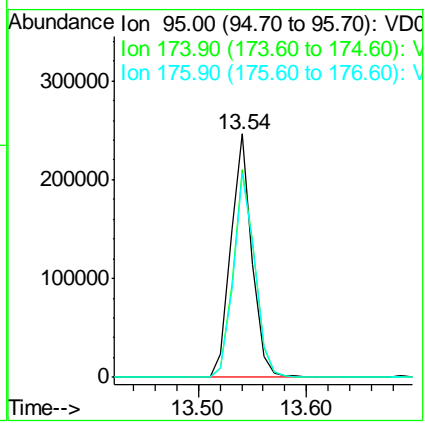
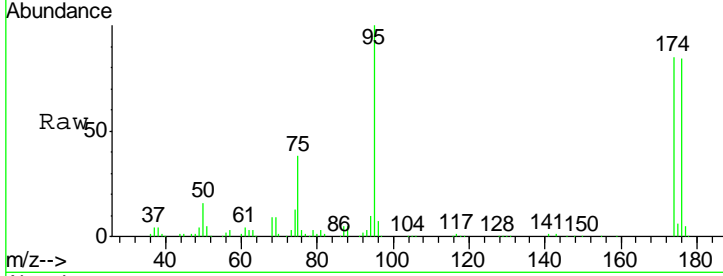


#62  
 4-Bromofluorobenzene  
 Concen: 52.987 ug/l  
 RT: 13.54 min Scan# 1231  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Instrument : MSVOA\_D  
 ClientSampled : MDL-MDL-SOIL-03-QT2-2019

Tgt Ion: 95 Resp: 332750

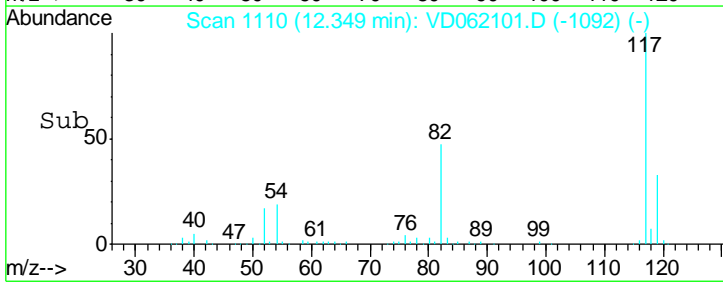
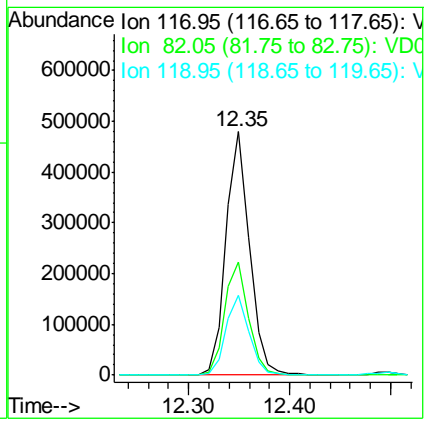
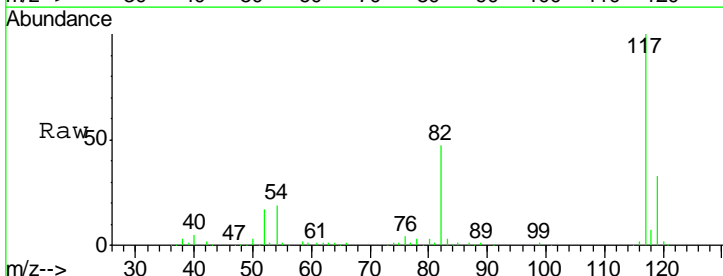
Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	181.8
176	83.9	0.0	174.4

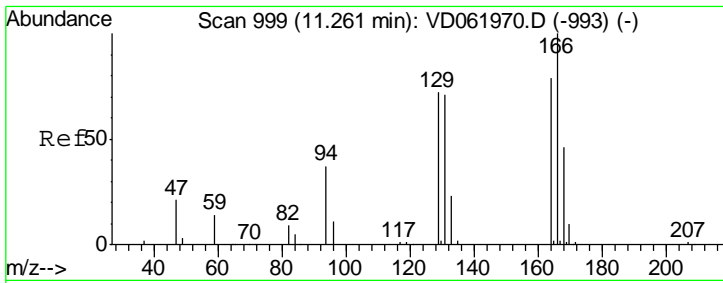


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 12.35 min Scan# 1110  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion: 117 Resp: 775002

Ion	Ratio	Lower	Upper
117	100		
82	46.6	36.2	54.2
119	32.7	26.2	39.4

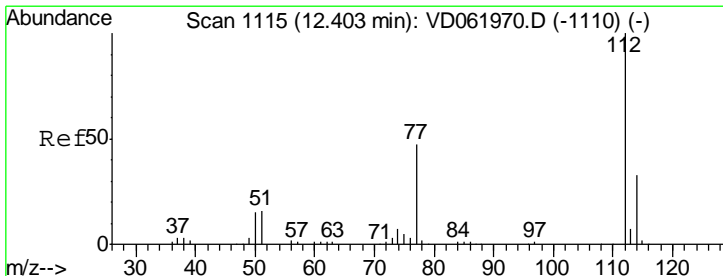
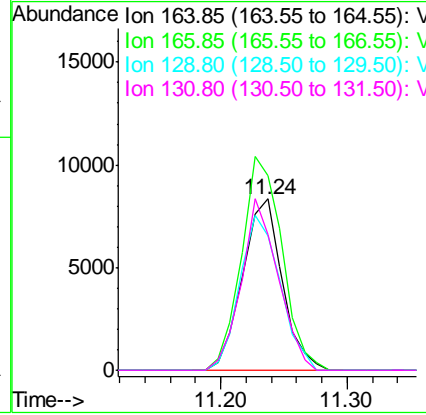
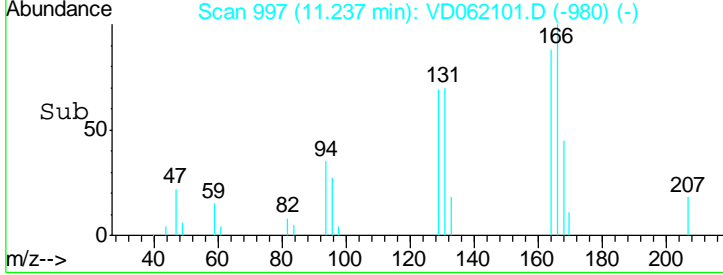
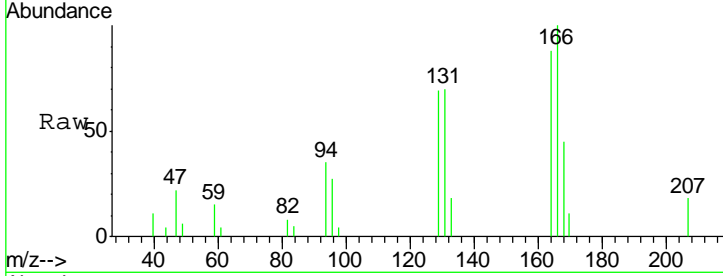




#64  
 Tetrachloroethene  
 Concen: 3.284 ug/l  
 RT: 11.24 min Scan# 997  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

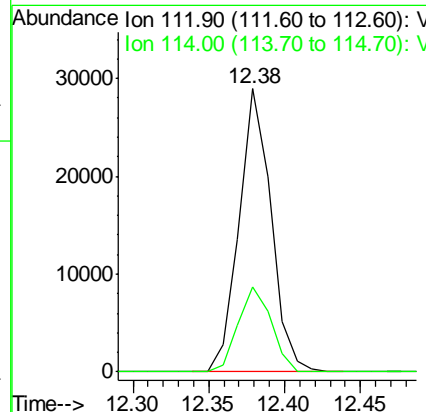
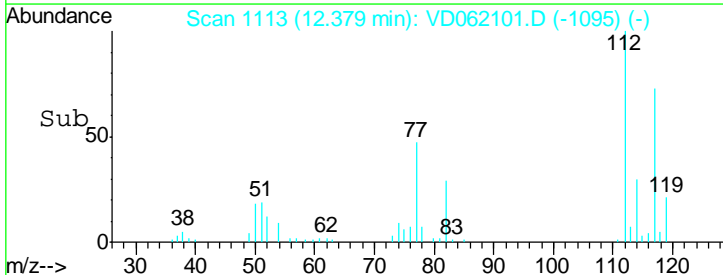
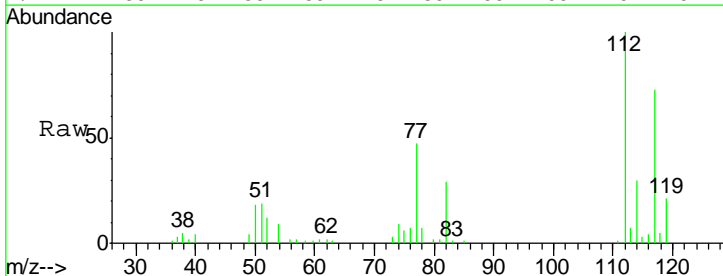
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MDL-MDL-SOIL-03-QT2-2019

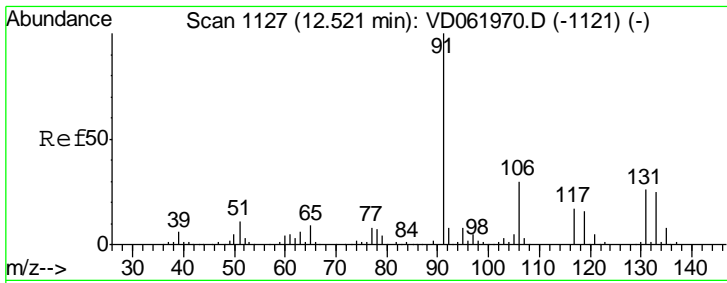
Tgt Ion	Resp	Lower	Upper
164	100		
166	113.8	101.5	152.3
129	78.3	74.6	112.0
131	79.3	72.6	108.8



#65  
 Chlorobenzene  
 Concen: 2.895 ug/l  
 RT: 12.38 min Scan# 1113  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
112	100		
114	30.1	25.8	38.8

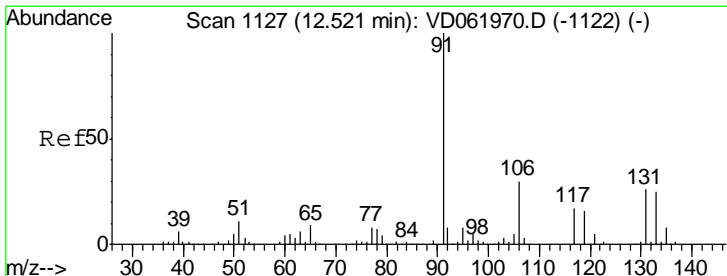
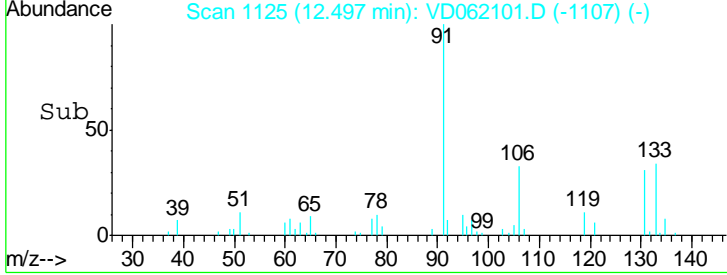
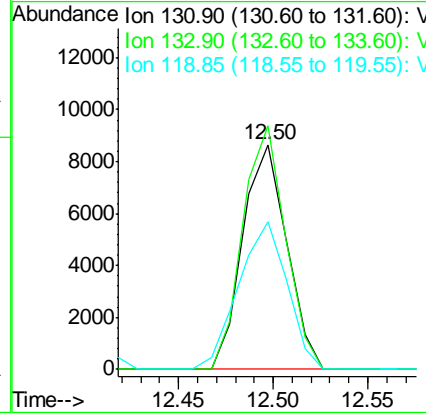
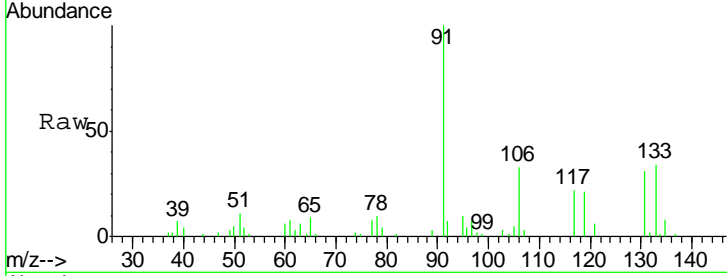




#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 2.243 ug/l  
 RT: 12.50 min Scan# 1125  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

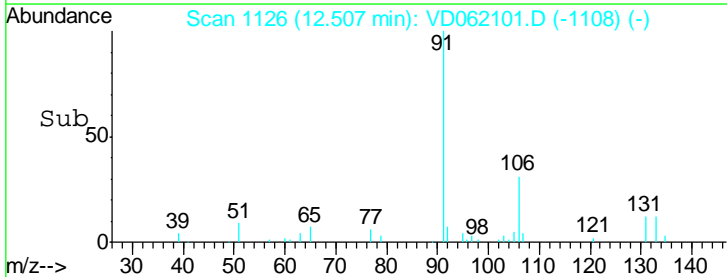
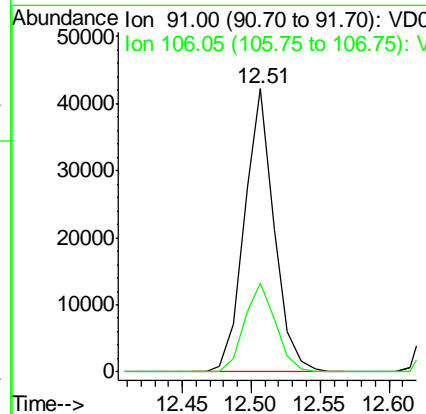
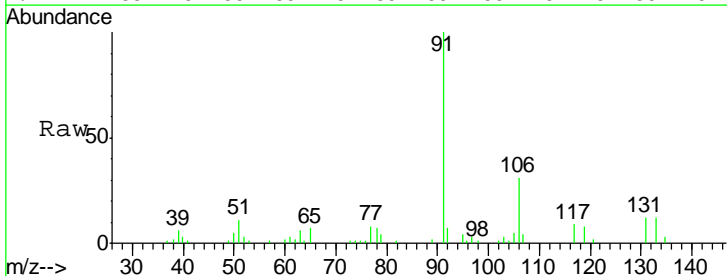
Instrument : MSVOA\_D  
 ClientSampled : MDL-MDL-SOIL-03-QT2-2019

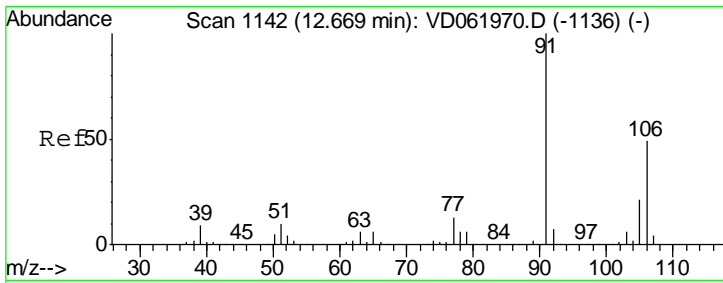
Tgt Ion	Resp	Lower	Upper
131	13931		
131	100		
133	108.4	48.6	145.8
119	65.5	34.7	104.1



#67  
 Ethyl Benzene  
 Concen: 2.638 ug/l  
 RT: 12.51 min Scan# 1126  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
91	63046		
91	100		
106	31.3	24.7	37.1

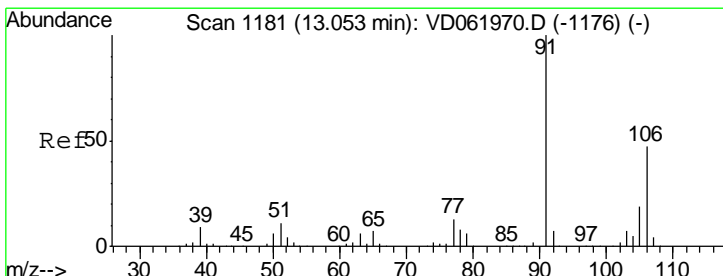
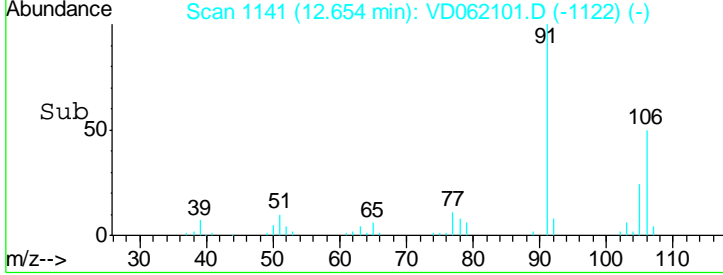
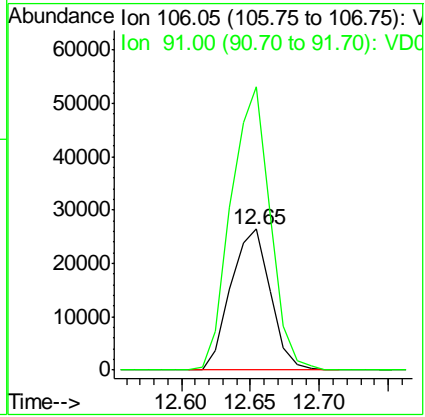
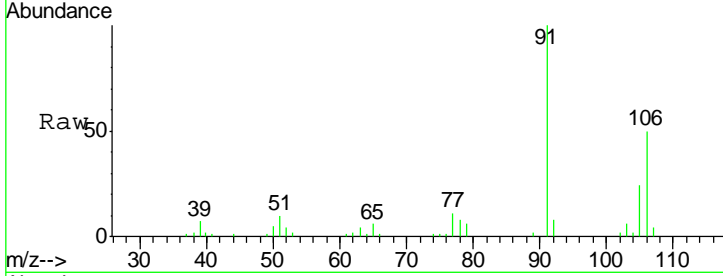




#68  
 m/p-Xylenes  
 Concen: 6.130 ug/l  
 RT: 12.65 min Scan# 1141  
 Delta R.T. -0.01 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

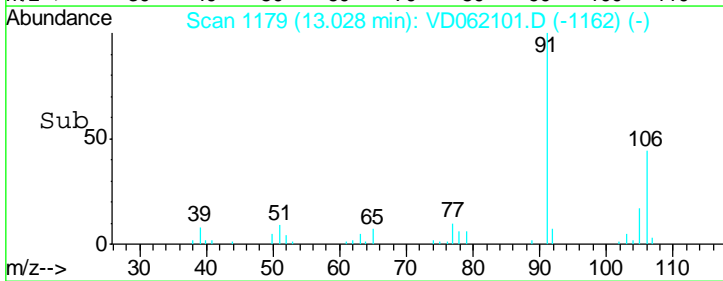
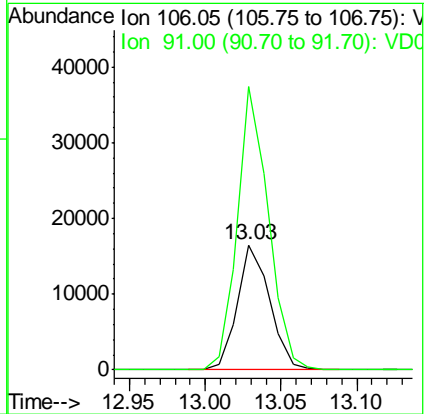
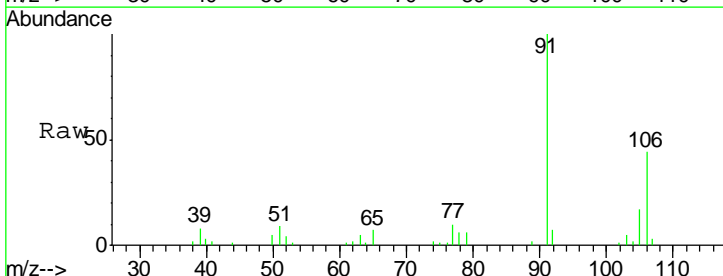
**Instrument :**  
 MSVOA\_D  
**ClientSampleId :**  
 MDL-MDL-SOIL-03-QT2-2019

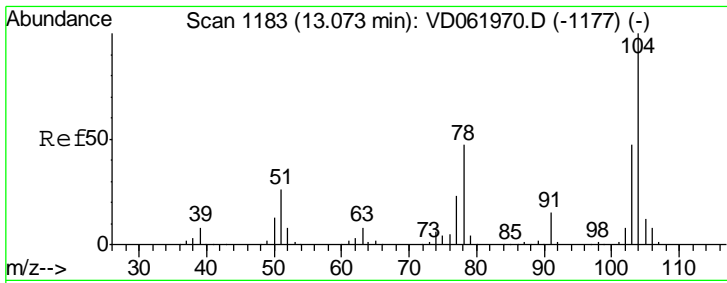
Tgt Ion:106 Resp: 52961  
 Ion Ratio Lower Upper  
 106 100  
 91 200.5 164.0 246.0



#69  
 o-Xylene  
 Concen: 3.101 ug/l  
 RT: 13.03 min Scan# 1179  
 Delta R.T. -0.03 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion:106 Resp: 24511  
 Ion Ratio Lower Upper  
 106 100  
 91 226.0 106.7 319.9

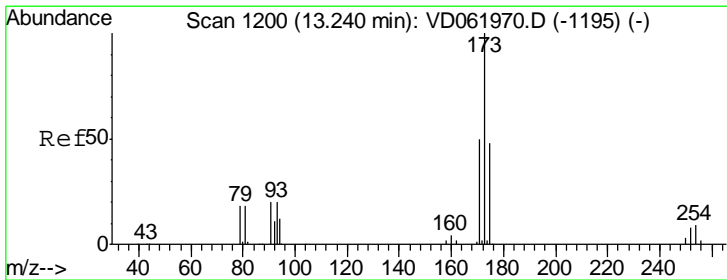
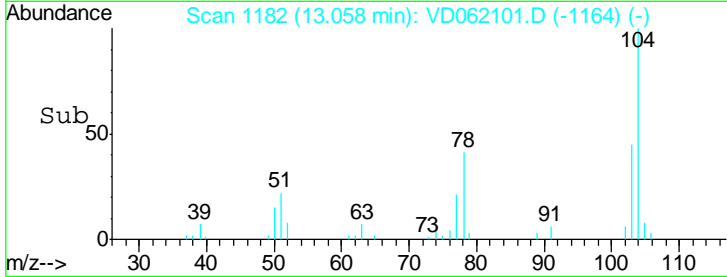
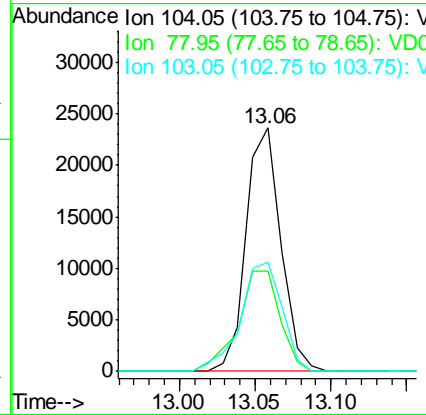
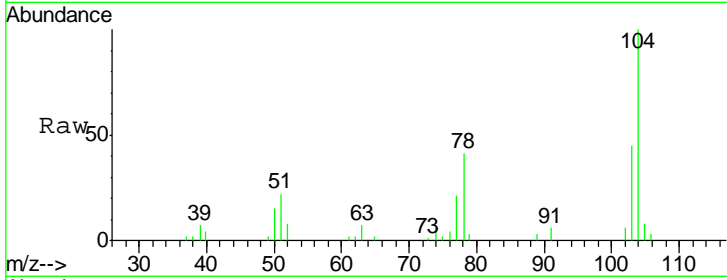




#70  
 Styrene  
 Concen: 2.760 ug/l  
 RT: 13.06 min Scan# 1182  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

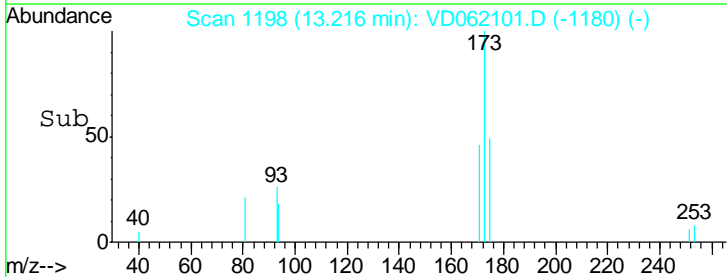
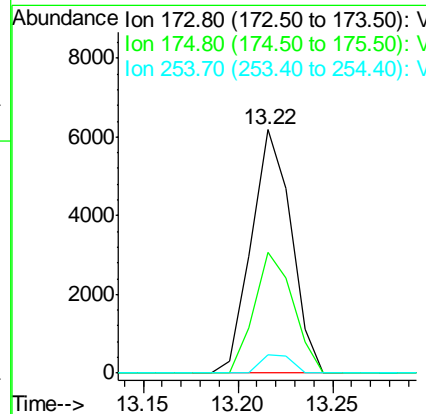
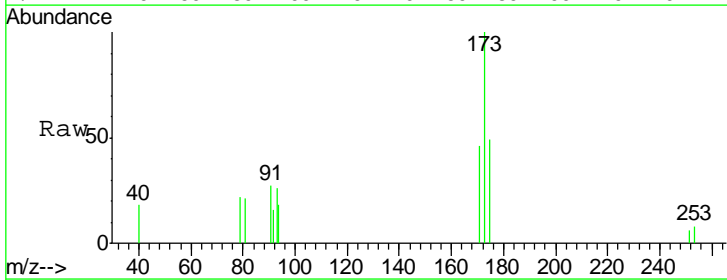
Instrument : MSVOA\_D  
 ClientSampled : MDL-MDL-SOIL-03-QT2-2019

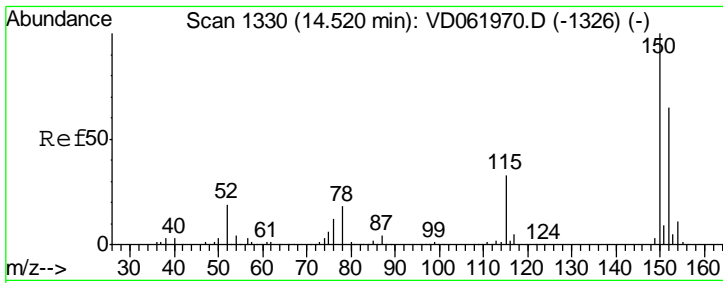
Tgt Ion	Resp	Lower	Upper
104	37670		
78	41.4	35.4	53.2
103	44.8	37.5	56.3



#71  
 Bromoform  
 Concen: 2.551 ug/l  
 RT: 13.22 min Scan# 1198  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
173	9035		
175	49.4	24.4	73.4
254	7.7	5.4	8.2

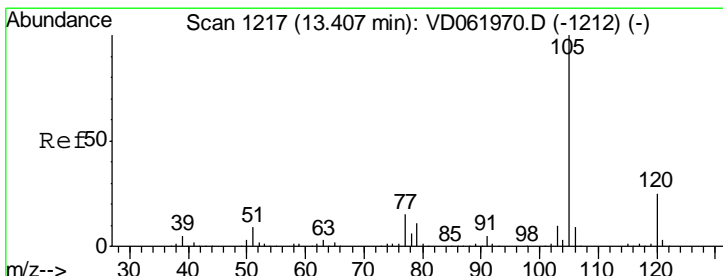
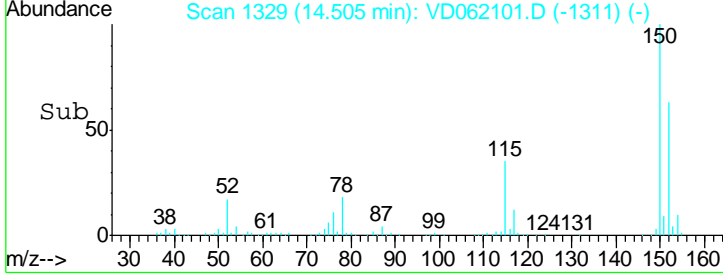
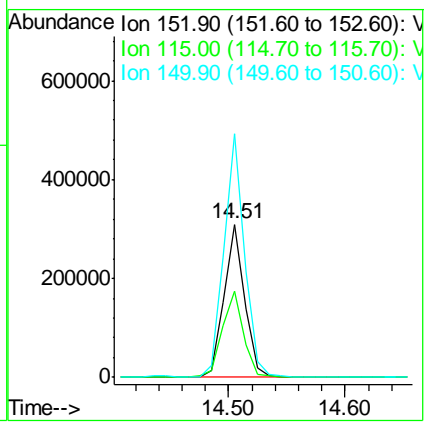
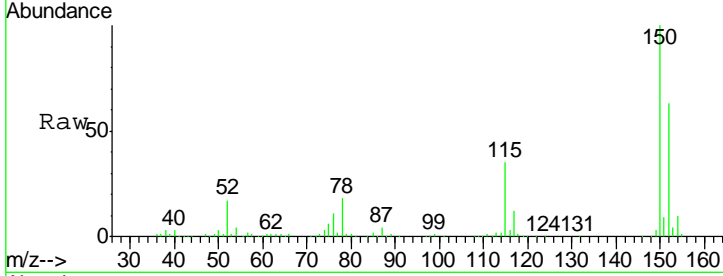




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 14.51 min Scan# 1329  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

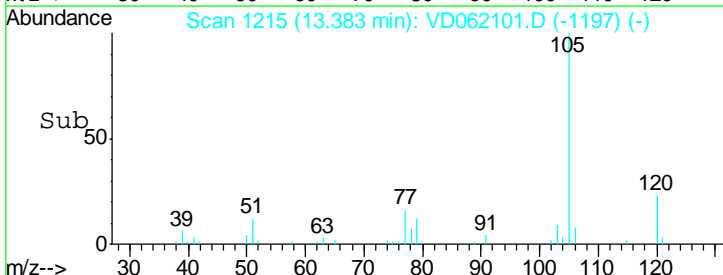
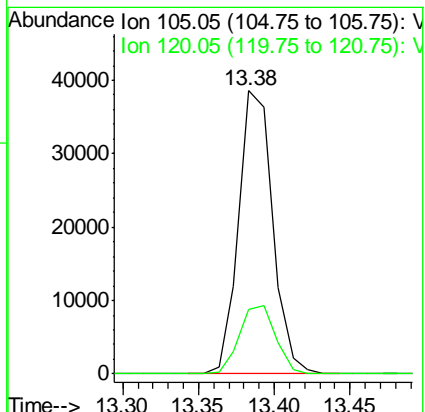
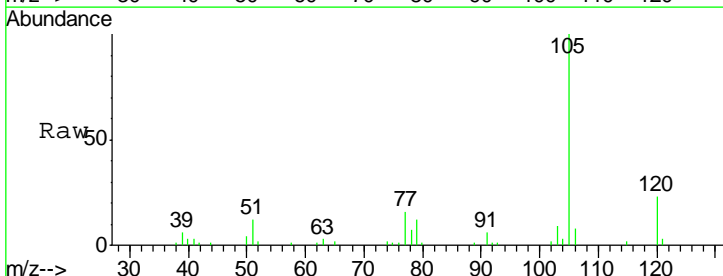
Instrument : MSVOA\_D  
 ClientSampled : MDL-MDL-SOIL-03-QT2-2019

Tgt Ion	Resp	Lower	Upper
152	100		
115	56.4	30.9	92.7
150	159.0	0.0	314.8

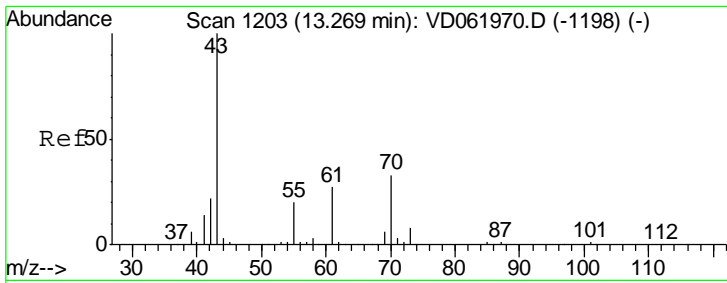


#73  
 Isopropylbenzene  
 Concen: 2.400 ug/l  
 RT: 13.38 min Scan# 1215  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
105	100		
120	22.6	12.0	36.1



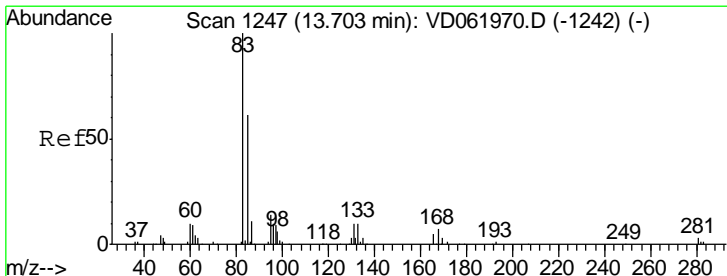
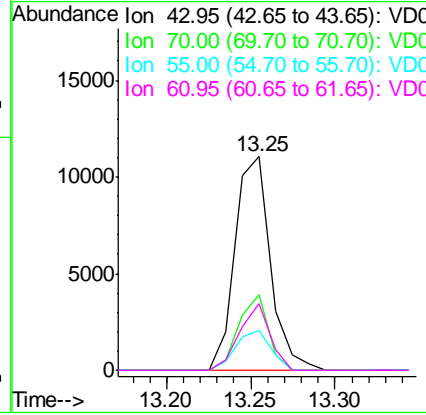
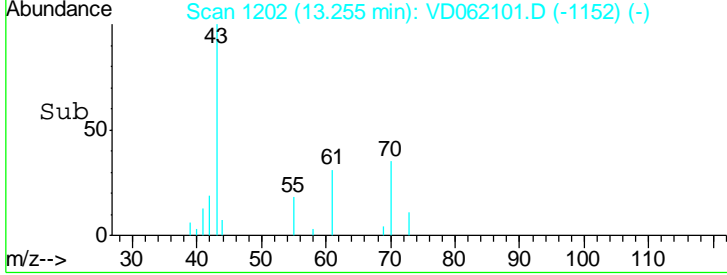
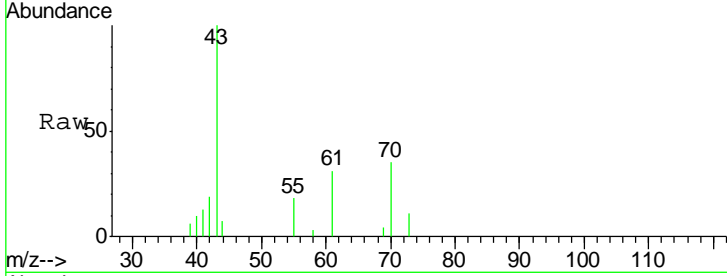




#74  
 N-amyl acetate  
 Concen: 2.491 ug/l  
 RT: 13.25 min Scan# 1202  
 Delta R.T. -0.01 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

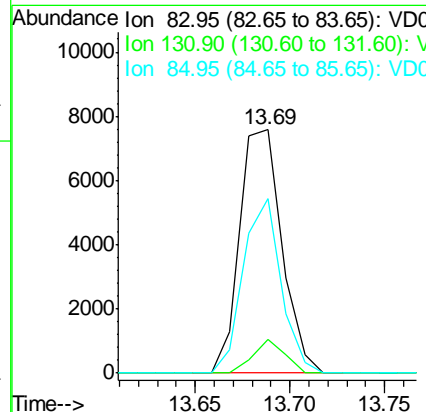
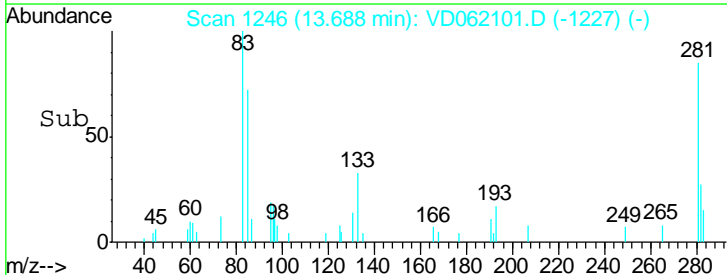
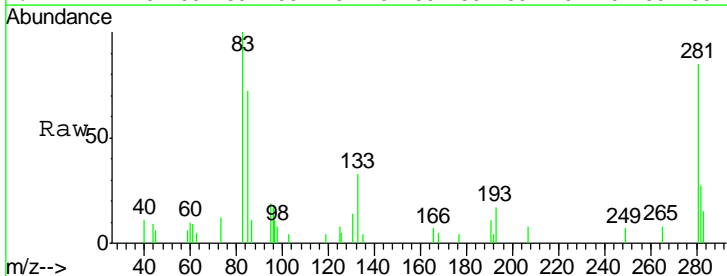
Instrument : MSVOA\_D  
 ClientSampled : MDL-MDL-SOIL-03-QT-2019

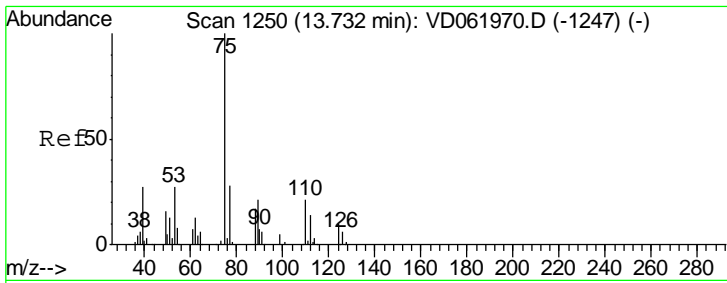
Tgt Ion	Resp	Lower	Upper
43	16157		
70	35.5	24.2	36.4
55	18.4	16.0	24.0
61	31.3	21.6	32.4



#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 2.368 ug/l  
 RT: 13.69 min Scan# 1246  
 Delta R.T. -0.01 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
83	11688		
131	14.1	5.0	14.9
85	71.9	32.6	97.7

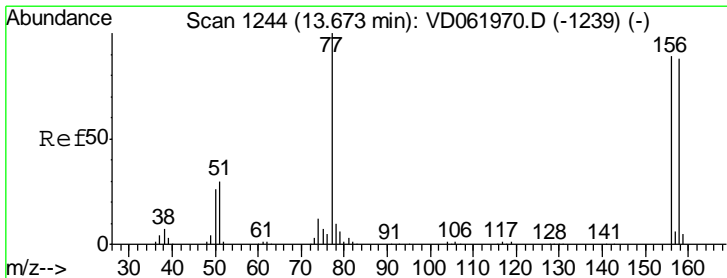
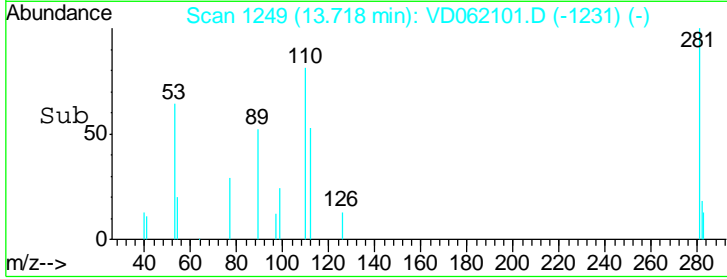
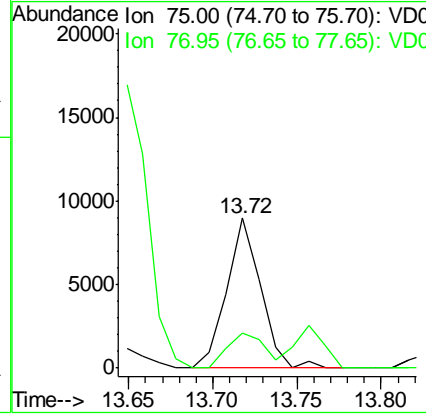
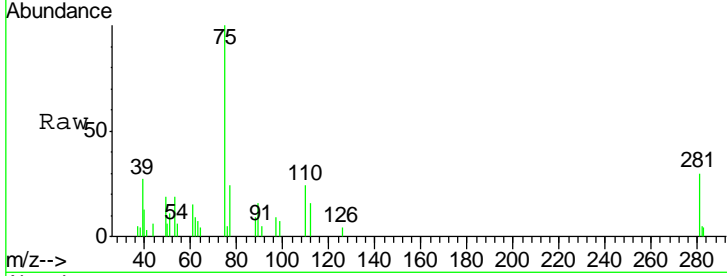




#76  
 1,2,3-Trichloropropane  
 Concen: 2.614 ug/l  
 RT: 13.72 min Scan# 1249  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

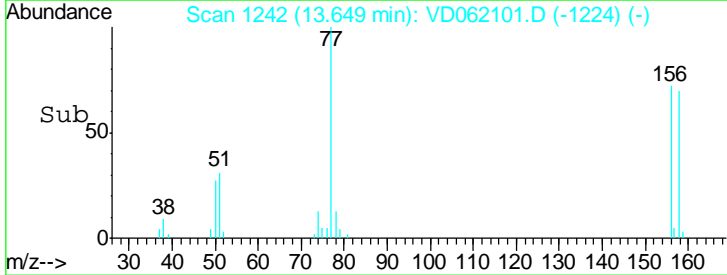
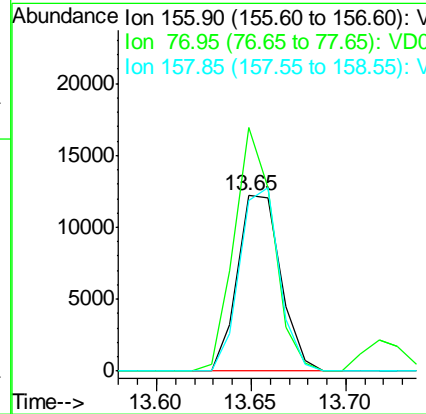
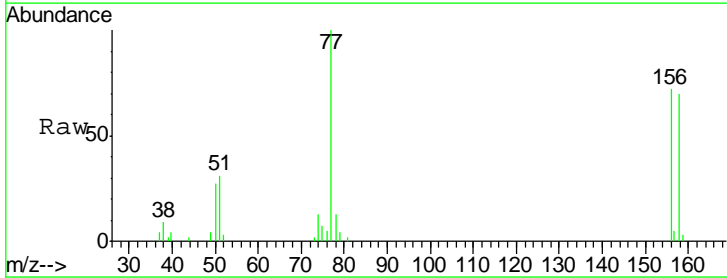
Instrument : MSVOA\_D  
 ClientSampleId : MDL-MDL-SOIL-03-QT2-2019

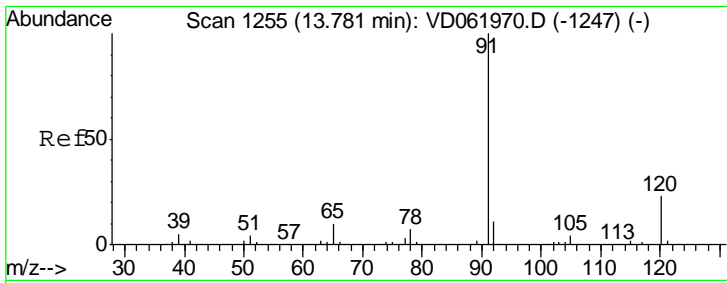
Tgt Ion	Resp	Lower	Upper
75	12533		
77	23.8	16.4	49.4



#77  
 Bromobenzene  
 Concen: 2.670 ug/l  
 RT: 13.65 min Scan# 1242  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
156	19289		
77	138.9	53.1	159.4
158	97.5	49.4	148.0

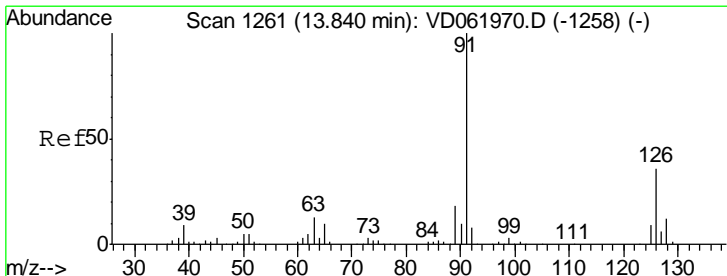
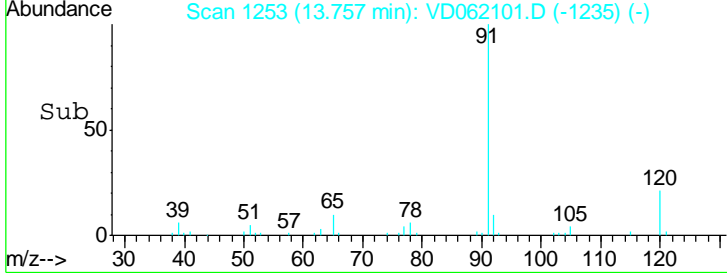
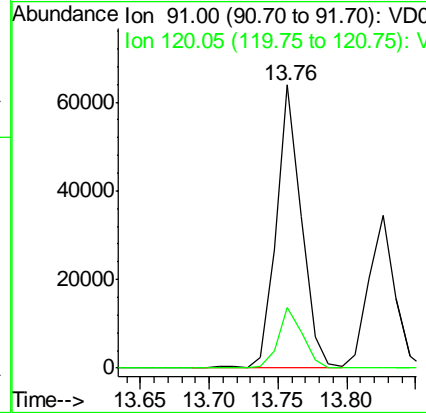
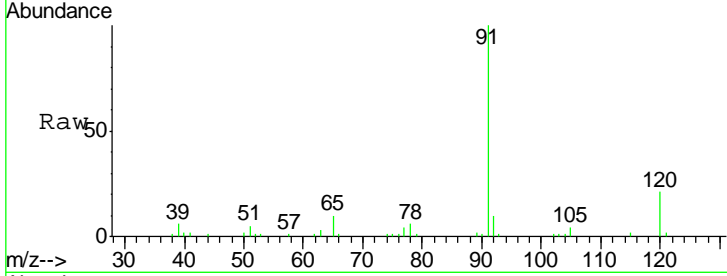




#78  
 n-propylbenzene  
 Concen: 2.796 ug/l  
 RT: 13.76 min Scan# 1253  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

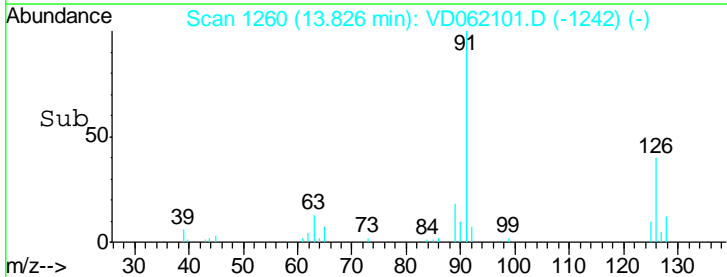
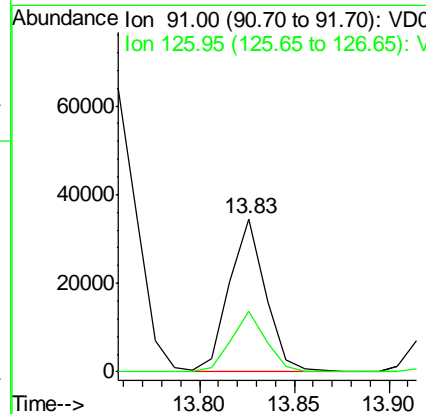
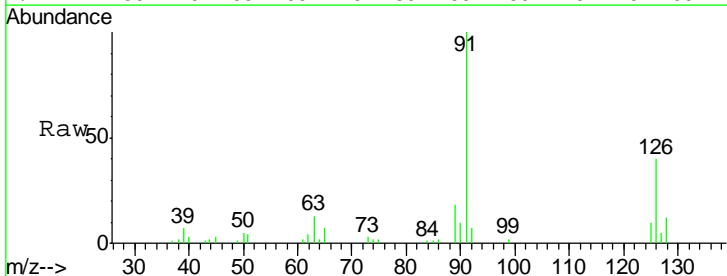
Instrument : MSVOA\_D  
 ClientSampled : MDL-MDL-SOIL-03-QT2-2019

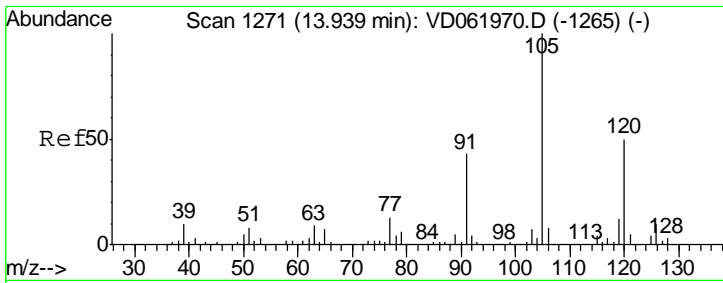
Tgt Ion: 91 Resp: 80595  
 Ion Ratio Lower Upper  
 91 100  
 120 21.3 11.1 33.1



#79  
 2-Chlorotoluene  
 Concen: 2.608 ug/l  
 RT: 13.83 min Scan# 1260  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion: 91 Resp: 45546  
 Ion Ratio Lower Upper  
 91 100  
 126 39.7 18.6 55.8

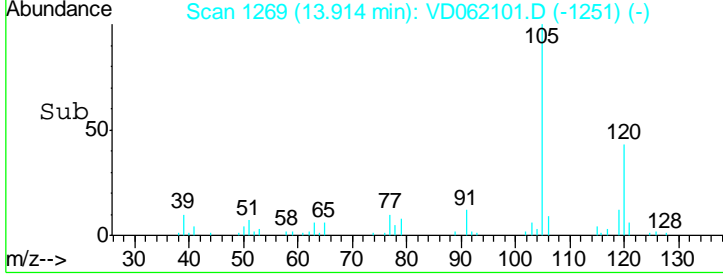
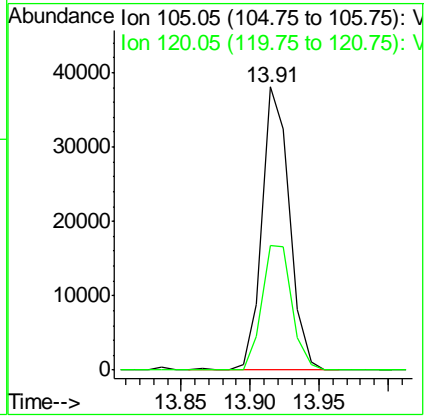
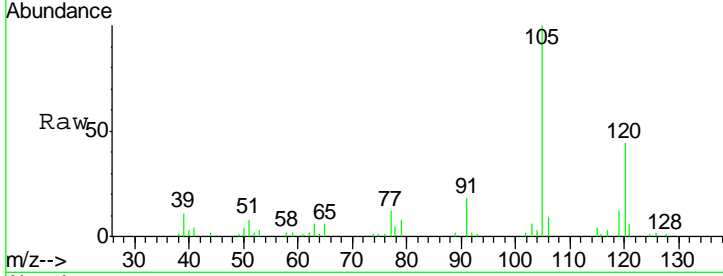




#80  
 1,3,5-Trimethylbenzene  
 Concen: 2.637 ug/l  
 RT: 13.91 min Scan# 1269  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

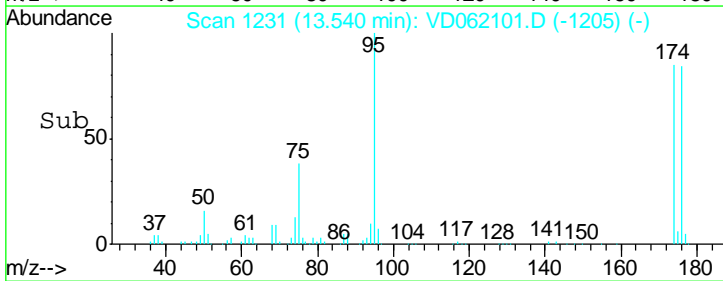
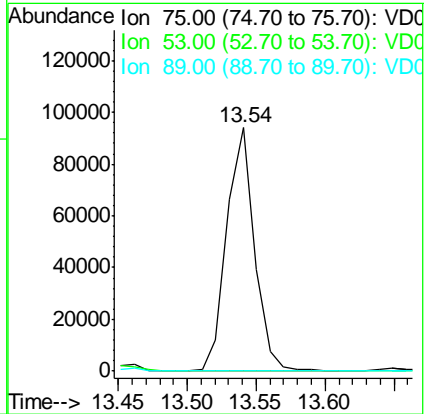
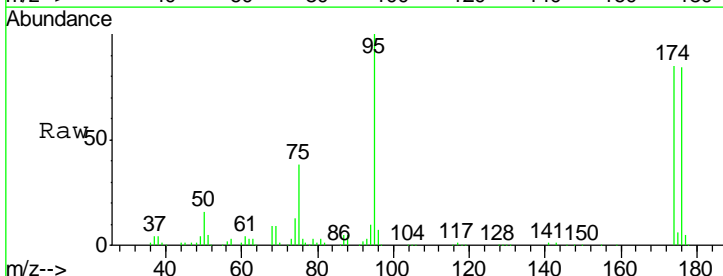
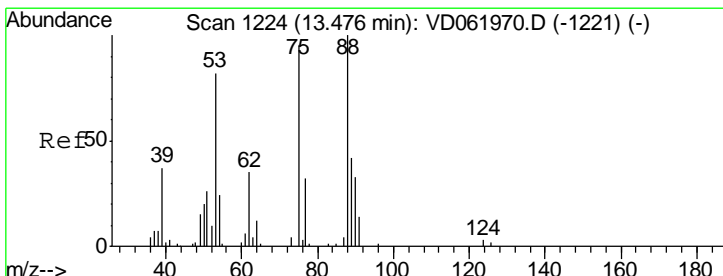
Instrument : MSVOA\_D  
 ClientSampled : MDL-MDL-SOIL-03-QT2-2019

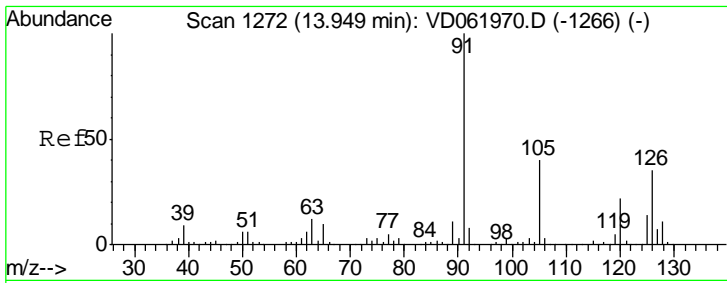
Tgt Ion: 105 Resp: 52940  
 Ion Ratio Lower Upper  
 105 100  
 120 44.0 24.0 72.0



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 90.872 ug/l  
 RT: 13.54 min Scan# 1231  
 Delta R.T. 0.06 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion: 75 Resp: 132011  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 65.8 98.8#  
 89 0.0 35.0 52.6#

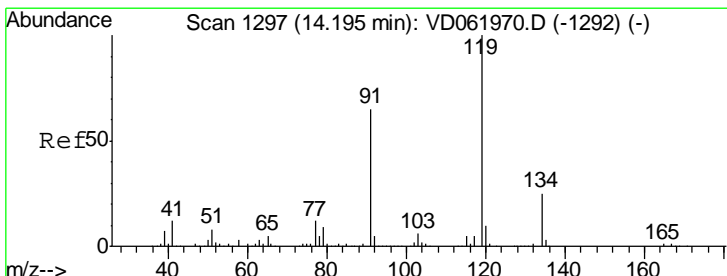
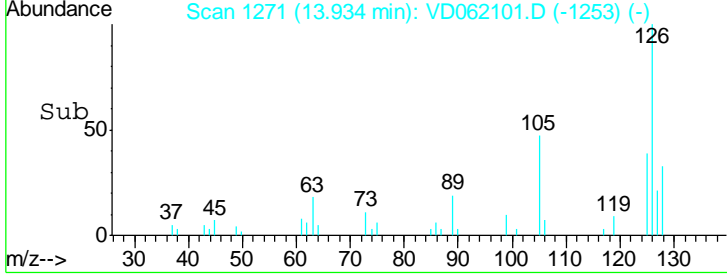
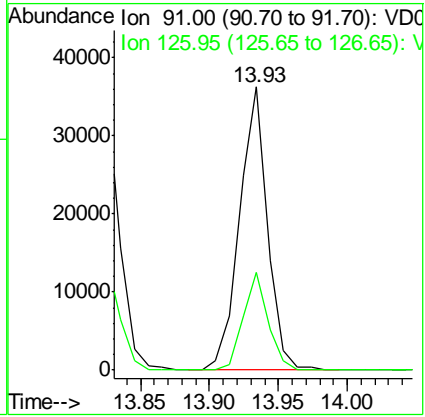
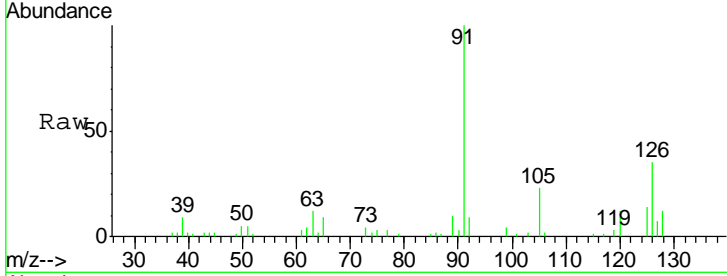




#82  
 4-Chlorotoluene  
 Concen: 2.662 ug/l  
 RT: 13.93 min Scan# 1271  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

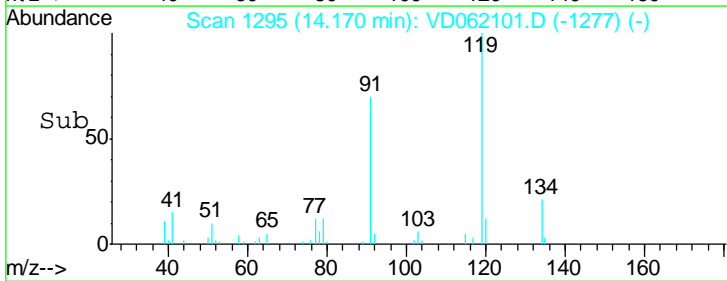
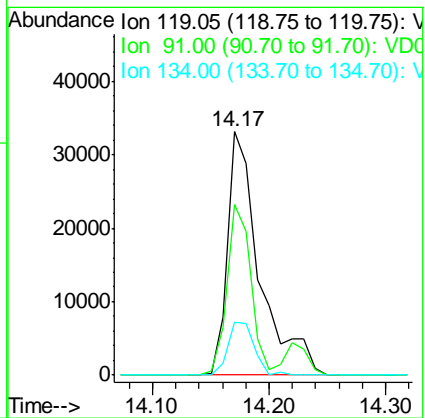
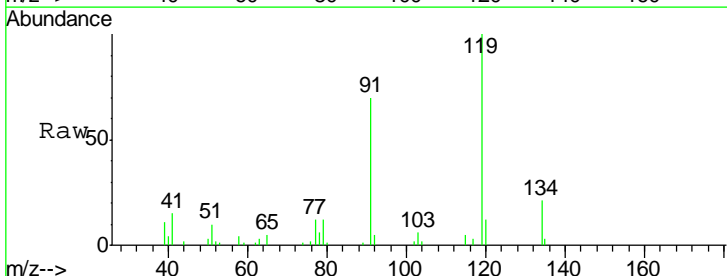
Instrument : MSVOA\_D  
 ClientSampleId : MDL-MDL-SOIL-03-QT2-2019

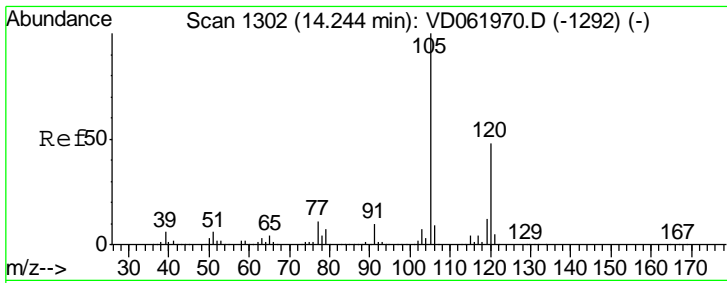
Tgt Ion	Resp	Lower	Upper
91	51197		
126	34.5	19.1	57.5



#83  
 tert-Butylbenzene  
 Concen: 2.734 ug/l  
 RT: 14.17 min Scan# 1295  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
119	63597		
91	70.0	34.2	102.6
134	21.5	12.0	36.0

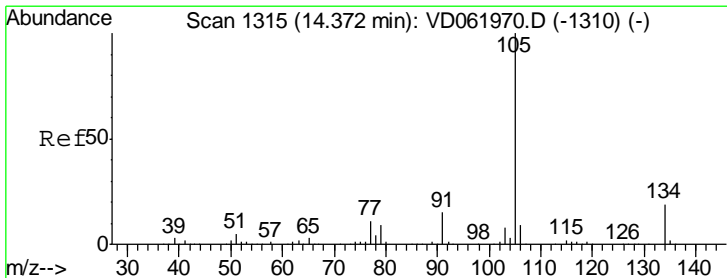
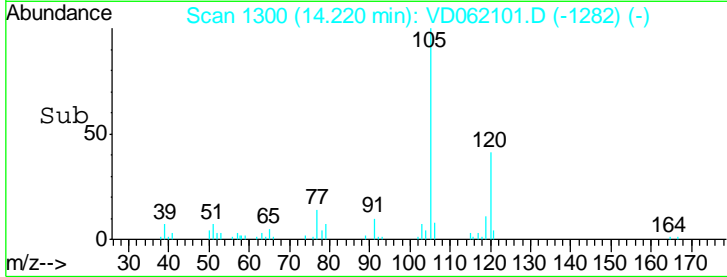
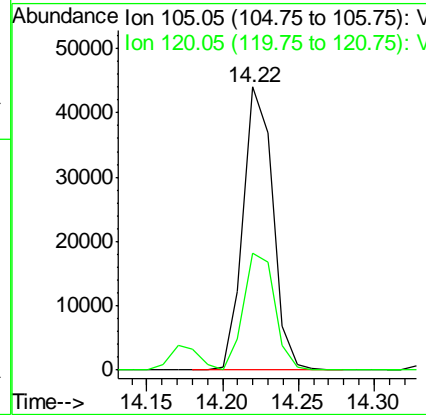
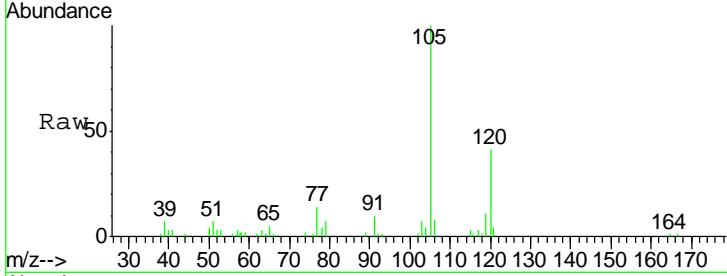




#84  
 1,2,4-Trimethylbenzene  
 Concen: 3.127 ug/l  
 RT: 14.22 min Scan# 1300  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

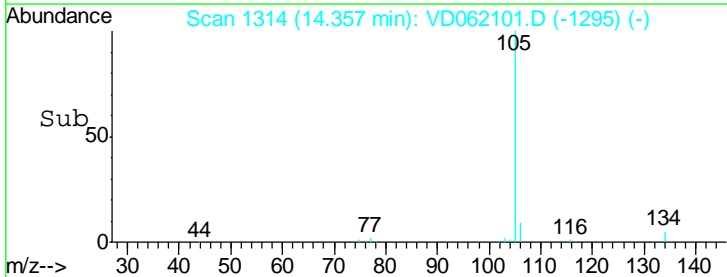
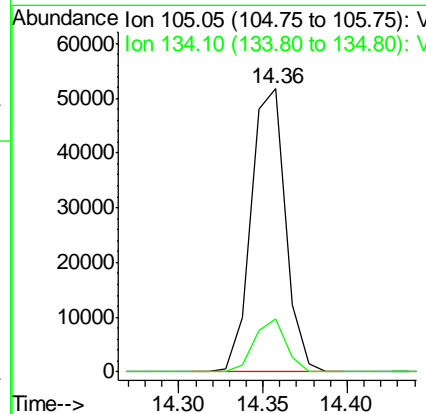
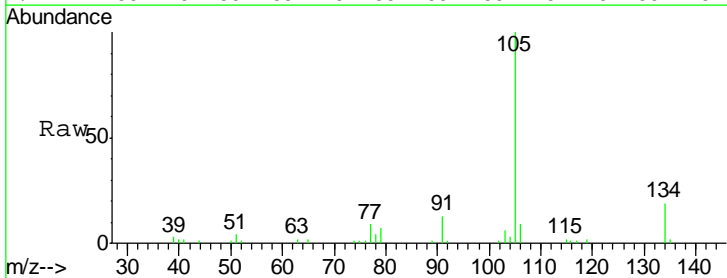
Instrument : MSVOA\_D  
 ClientSampleID : MDL-MDL-SOIL-03-QT2-2019

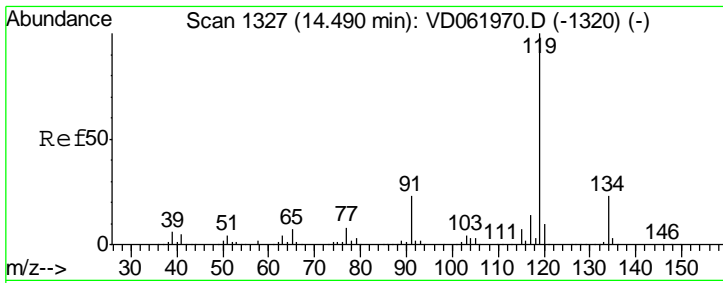
Tgt Ion:105 Resp: 59944  
 Ion Ratio Lower Upper  
 105 100  
 120 41.4 23.1 69.2



#85  
 sec-Butylbenzene  
 Concen: 2.918 ug/l  
 RT: 14.36 min Scan# 1314  
 Delta R.T. -0.01 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion:105 Resp: 73331  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 8.9 26.7

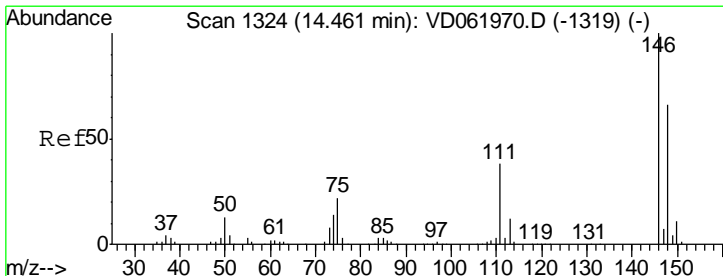
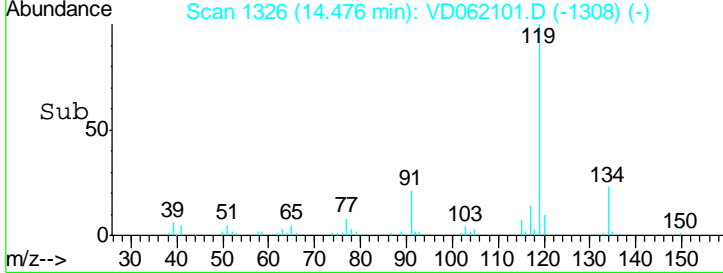
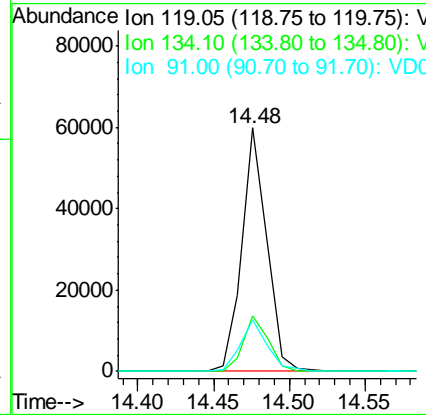
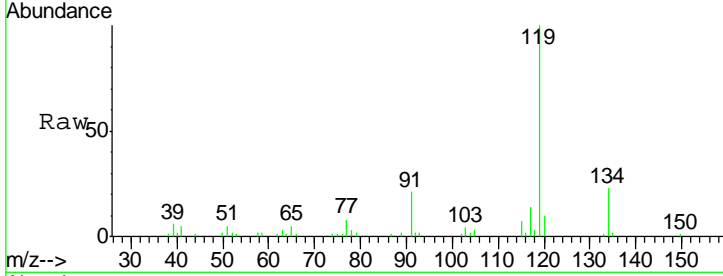




#86  
 p-Isopropyltoluene  
 Concen: 3.019 ug/l  
 RT: 14.48 min Scan# 1326  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

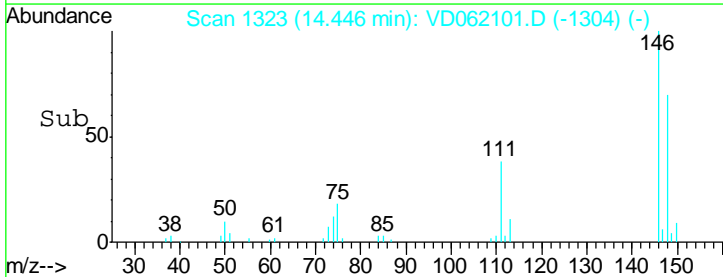
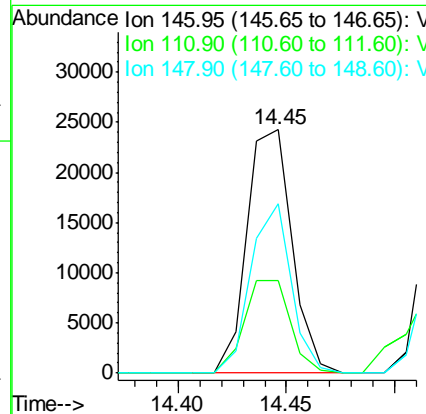
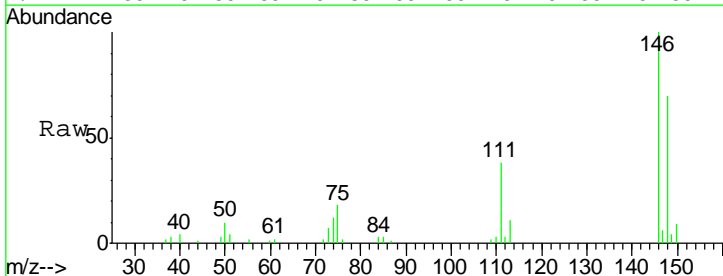
Instrument : MSVOA\_D  
 ClientSampled : MDL-MDL-SOIL-03-QT2-2019

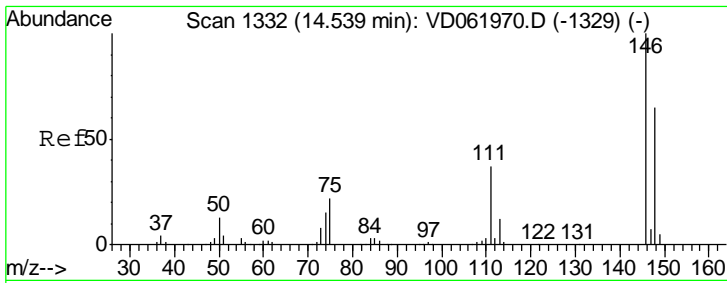
Tgt Ion	Resp	Lower	Upper
119	67909		
134	22.6	12.8	38.3
91	21.2	10.7	32.1



#87  
 1,3-Dichlorobenzene  
 Concen: 2.773 ug/l  
 RT: 14.45 min Scan# 1323  
 Delta R.T. -0.01 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
146	35075		
111	38.2	20.0	60.0
148	69.7	31.8	95.4

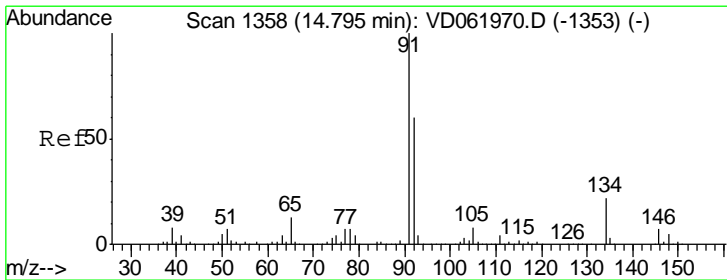
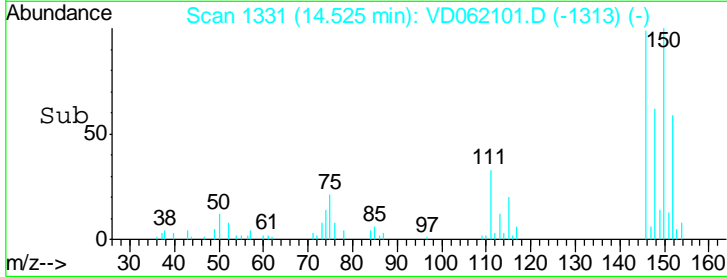
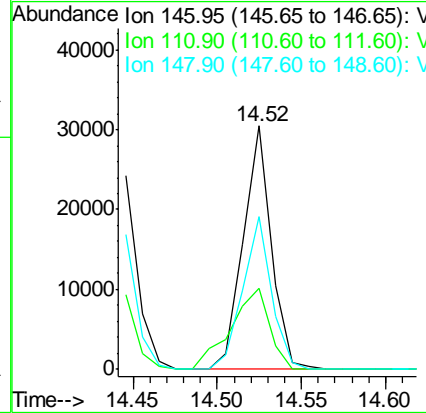
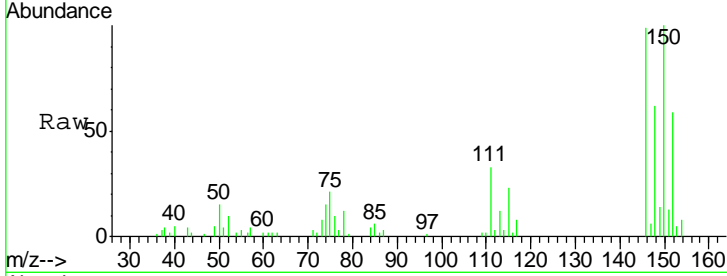




#88  
 1,4-Dichlorobenzene  
 Concen: 2.989 ug/l  
 RT: 14.52 min Scan# 1331  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

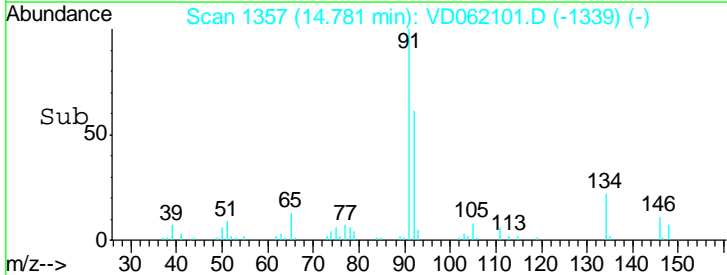
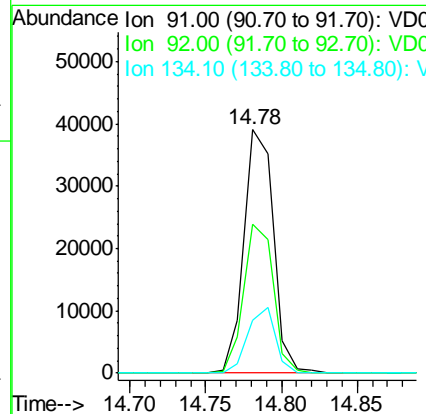
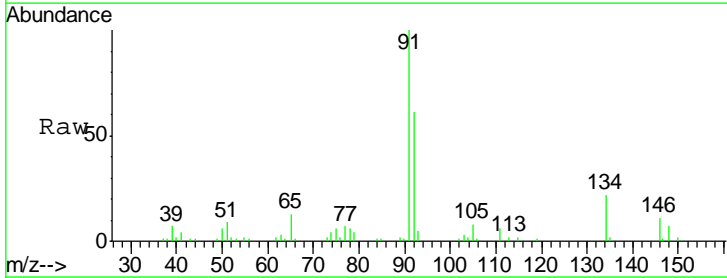
Instrument : MSVOA\_D  
 ClientSampleId : MDL-MDL-SOIL-03-QT2-2019

Tgt Ion	Resp	Lower	Upper
146	35360		
111	100	20.2	60.5
148	62.5	32.0	96.2

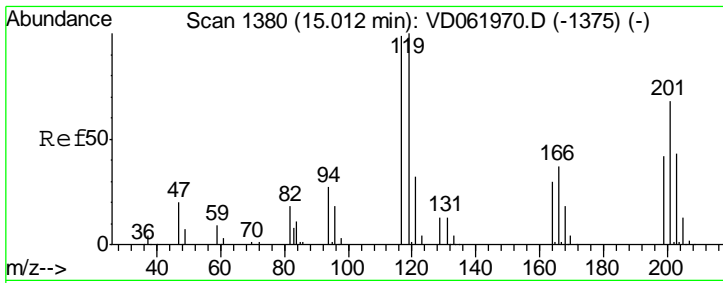


#89  
 n-Butylbenzene  
 Concen: 2.623 ug/l  
 RT: 14.78 min Scan# 1357  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
91	52979		
92	100	30.3	91.0
134	61.4	14.5	43.6



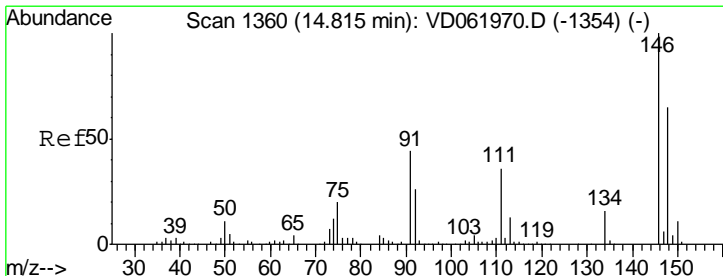
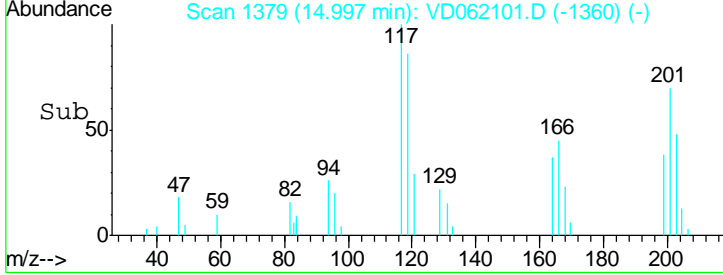
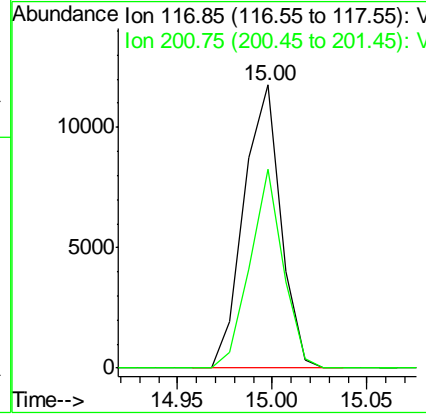
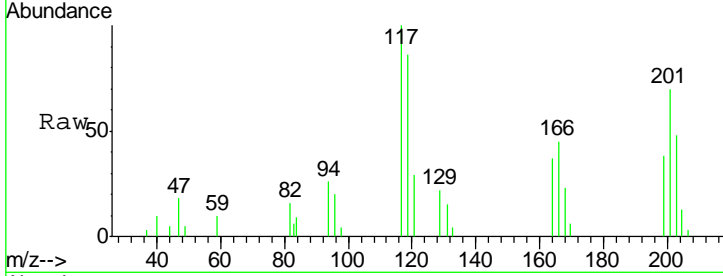




#90  
 Hexachloroethane  
 Concen: 2.598 ug/l  
 RT: 15.00 min Scan# 1379  
 Delta R.T. -0.01 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

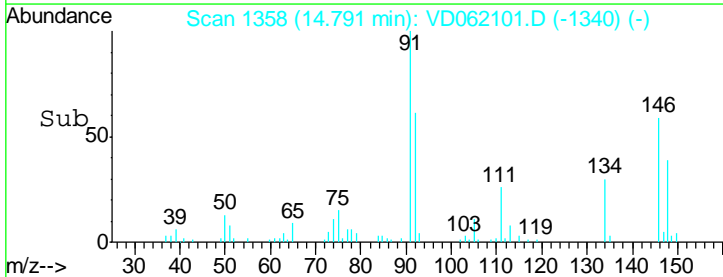
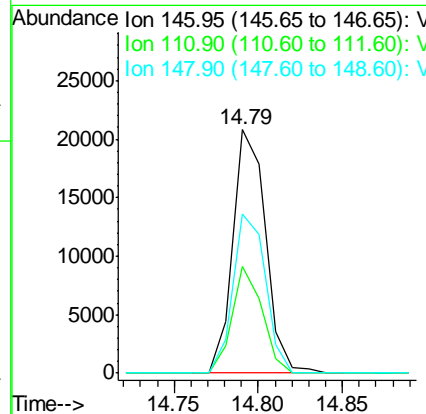
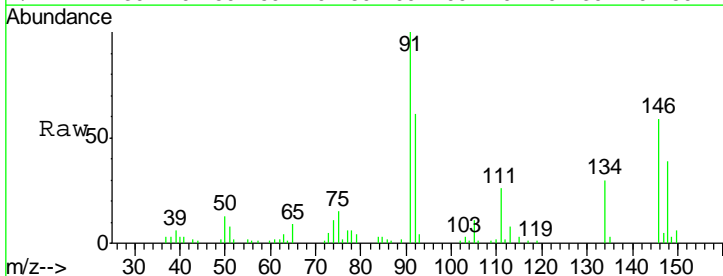
Instrument : MSVOA\_D  
 ClientSampleId : MDL-MDL-SOIL-03-QT2-2019

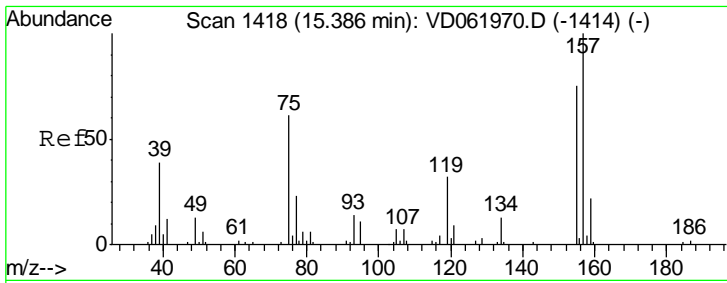
Tgt Ion	Resp	Lower	Upper
117	100		
201	70.1	30.2	90.6



#91  
 1,2-Dichlorobenzene  
 Concen: 2.689 ug/l  
 RT: 14.79 min Scan# 1358  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
146	100		
111	43.6	20.0	59.9
148	65.2	32.3	96.8

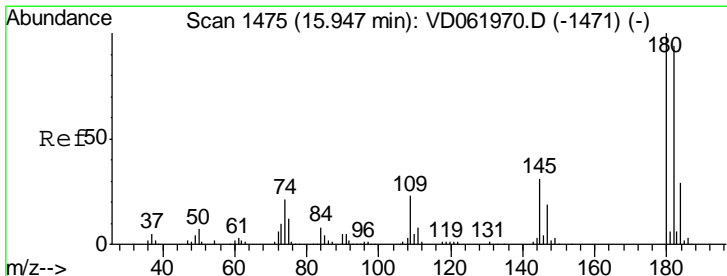
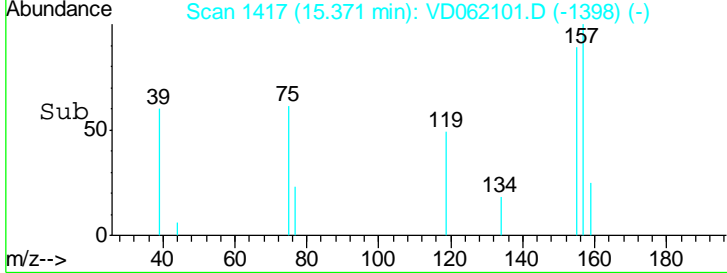
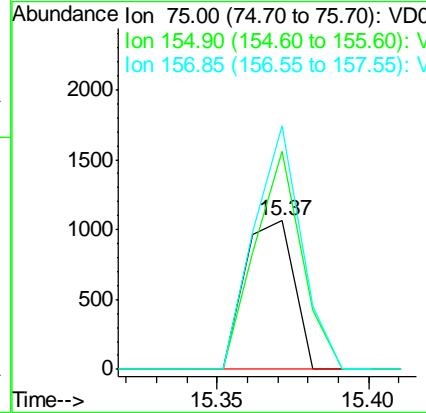
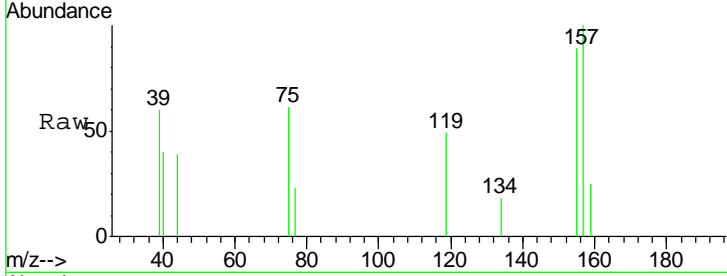




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 4.189 ug/l  
 RT: 15.37 min Scan# 1417  
 Delta R.T. -0.01 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

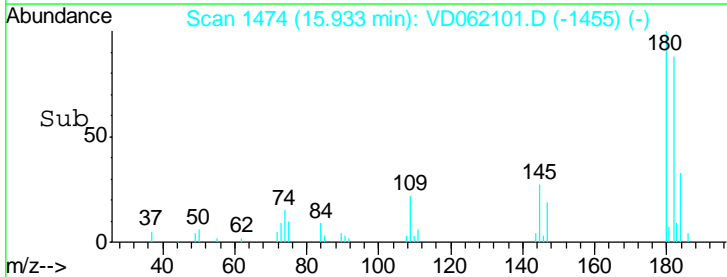
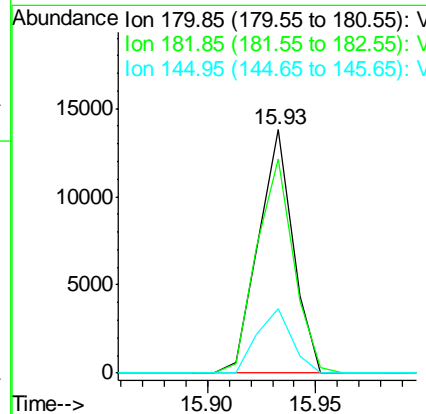
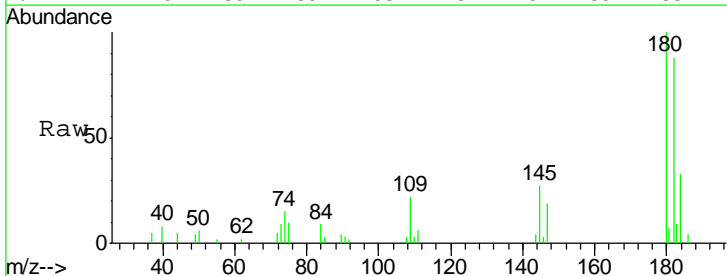
Instrument : MSVOA\_D  
 ClientSampleId : MDL-MDL-SOIL-03-QT2-2019

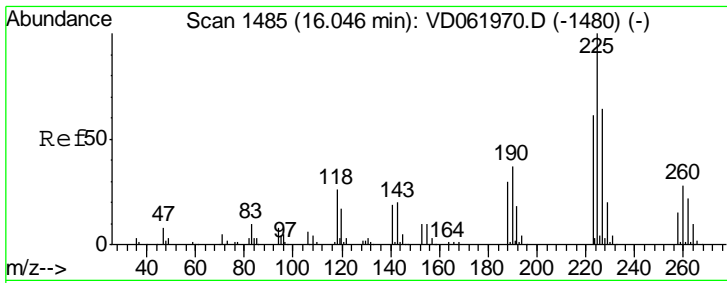
Tgt Ion	Resp	Lower	Upper
75	1194		
75	100		
155	146.9	55.3	165.8
157	164.2	67.8	203.2



#93  
 1,2,4-Trichlorobenzene  
 Concen: 2.707 ug/l  
 RT: 15.93 min Scan# 1474  
 Delta R.T. -0.01 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
180	15240		
180	100		
182	88.2	49.3	147.8
145	26.6	16.2	48.6

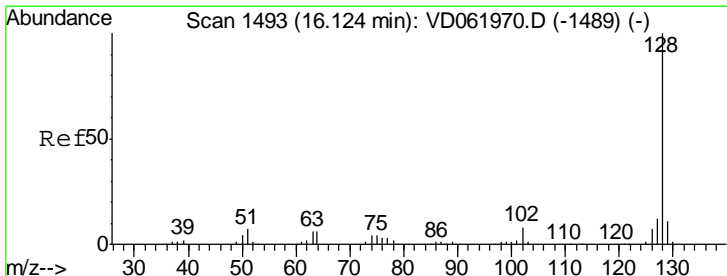
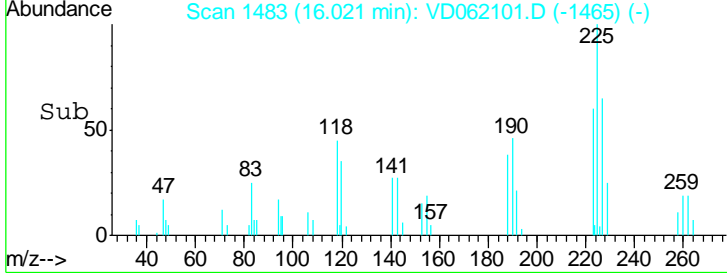
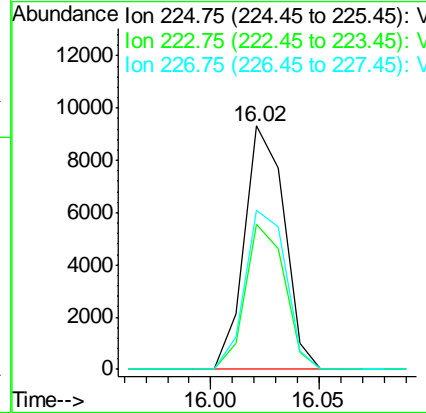
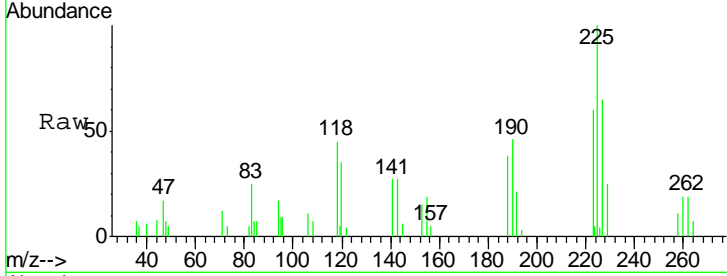




#94  
 Hexachlorobutadiene  
 Concen: 2.861 ug/l  
 RT: 16.02 min Scan# 1483  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

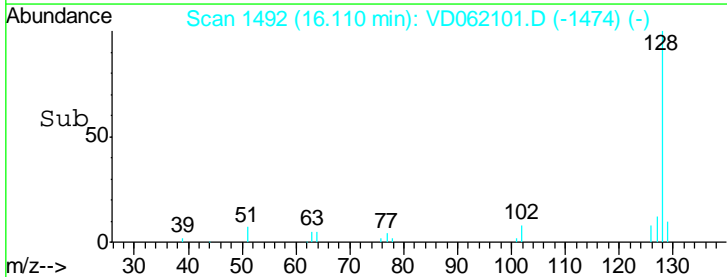
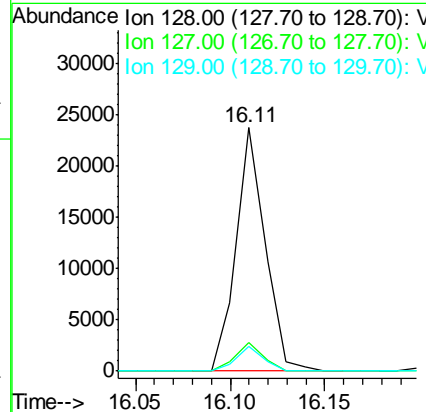
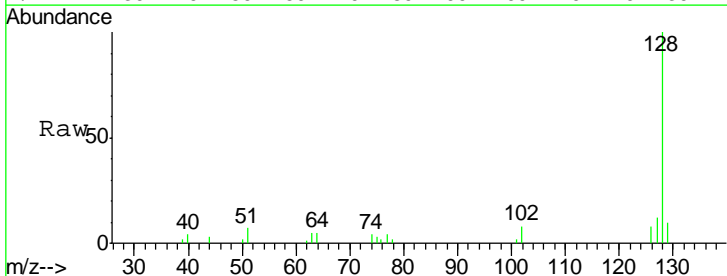
Instrument : MSVOA\_D  
 ClientSampled : MDL-MDL-SOIL-03-QT2-2019

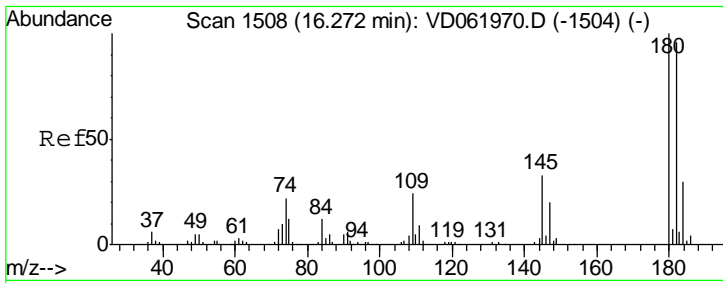
Tgt Ion	Resp	Lower	Upper
225	11920		
223	59.6	30.6	92.0
227	65.2	32.0	96.2



#95  
 Naphthalene  
 Concen: 2.765 ug/l  
 RT: 16.11 min Scan# 1492  
 Delta R.T. -0.02 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

Tgt Ion	Resp	Lower	Upper
128	25135		
127	11.6	9.8	14.8
129	10.2	8.8	13.2





#96  
 1,2,3-Trichlorobenzene  
 Concen: 2.803 ug/l  
 RT: 16.26 min Scan# 1507  
 Delta R.T. -0.01 min  
 Lab File: VD062101.D  
 Acq: 1 May 2019 14:27

**Instrument :**  
 MSVOA\_D  
**ClientSampleId :**  
 MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Resp	Lower	Upper
180	100		
182	89.2	47.0	141.0
145	28.5	17.0	51.0

