

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062322\
 Data File : VD073677.D
 Acq On : 23 Jun 2022 20:39
 Operator : VA/SY
 Sample : N3214-03 2.5PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

Quant Time: Jun 24 07:28:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:23:55 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/30/2022
 Supervised By : Mahesh Dadoda 06/30/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	184229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	313047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	297747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	146432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	117458	51.910	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.820%			
35) Dibromofluoromethane	7.909	113	119966	49.194	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.380%			
50) Toluene-d8	10.332	98	397046	45.345	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.700%			
62) 4-Bromofluorobenzene	12.620	95	144303	43.941	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 87.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	5864	3.151	ug/l	99
3) Chloromethane	2.209	50	4636	2.756	ug/l	98
4) Vinyl Chloride	2.338	62	4483	2.701	ug/l	97
5) Bromomethane	2.774	94	4187	3.279	ug/l	99
6) Chloroethane	2.921	64	3109	2.782	ug/l	90
7) Trichlorofluoromethane	3.268	101	11524	2.969	ug/l	91
8) Diethyl Ether	3.703	74	2809	2.822	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.097	101	6858	3.080	ug/l	94
10) Methyl Iodide	4.291	142	5643	2.663	ug/l #	94
11) Tert butyl alcohol	5.168	59	21439	42.612	ug/l #	100
12) 1,1-Dichloroethene	4.056	96	5465	2.887	ug/l	97
13) Acrolein	3.926	56	206m	5.388	ug/l	
14) Allyl chloride	4.715	41	7178	2.572	ug/l	98
15) Acrylonitrile	5.415	53	6216	13.047	ug/l	99
16) Acetone	4.156	43	6875	17.202	ug/l	99
17) Carbon Disulfide	4.409	76	12612	2.640	ug/l	99
18) Methyl Acetate	4.721	43	4611	3.740	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	12263	2.487	ug/l	99
20) Methylene Chloride	4.956	84	15847	5.452	ug/l	88
21) trans-1,2-Dichloroethene	5.462	96	5831	2.589	ug/l #	81
22) Diisopropyl ether	6.362	45	13970	2.229	ug/l #	86
23) Vinyl Acetate	6.297	43	31518m	9.594	ug/l	
24) 1,1-Dichloroethane	6.262	63	10343	2.478	ug/l #	91
25) 2-Butanone	7.209	43	8911	15.627	ug/l #	84
26) 2,2-Dichloropropane	7.197	77	11833	3.010	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	6798	2.567	ug/l	86
28) Bromochloromethane	7.532	49	4591	3.117	ug/l #	87
29) Tetrahydrofuran	7.562	42	4085	11.784	ug/l #	81
30) Chloroform	7.703	83	12086	2.573	ug/l #	80
31) Cyclohexane	7.973	56	11529	3.396	ug/l #	76
32) 1,1,1-Trichloroethane	7.897	97	11979	2.839	ug/l	99
36) 1,1-Dichloropropene	8.109	75	8507	2.485	ug/l	95
37) Ethyl Acetate	7.291	43	3124	2.325	ug/l #	74
38) Carbon Tetrachloride	8.091	117	10457	2.624	ug/l #	81
39) Methylcyclohexane	9.350	83	8904	2.343	ug/l	95
40) Benzene	8.344	78	24514	2.474	ug/l	97

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Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	1775	2.188	ug/l #	77
42) 1,2-Dichloroethane	8.414	62	8328	2.789	ug/l	98
43) Isopropyl Acetate	8.438	43	6501	2.466	ug/l #	80
44) Trichloroethene	9.103	130	6752	2.372	ug/l	84
45) 1,2-Dichloropropane	9.379	63	5904	2.376	ug/l	92
46) Dibromomethane	9.467	93	3514	2.436	ug/l	97
47) Bromodichloromethane	9.656	83	9365	2.477	ug/l #	96
48) Methyl methacrylate	9.456	41	3225	2.410	ug/l	89
49) 1,4-Dioxane	9.444	88	613	38.066	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	15248	11.255	ug/l	95
52) Toluene	10.397	92	15746	2.425	ug/l	94
53) t-1,3-Dichloropropene	10.608	75	8006	2.328	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	8618	2.201	ug/l	95
55) 1,1,2-Trichloroethane	10.785	97	4955	2.437	ug/l #	84
56) Ethyl methacrylate	10.656	69	4410	1.925	ug/l	98
57) 1,3-Dichloropropane	10.932	76	7406	2.209	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.932	63	10760	12.100	ug/l	97
59) 2-Hexanone	10.973	43	10367	11.334	ug/l	97
60) Dibromochloromethane	11.132	129	6991	2.609	ug/l	96
61) 1,2-Dibromoethane	11.238	107	5142	2.672	ug/l	100
64) Tetrachloroethene	10.867	164	7100	3.012	ug/l	92
65) Chlorobenzene	11.661	112	19373	2.658	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	7566	2.584	ug/l	95
67) Ethyl Benzene	11.732	91	29181	2.295	ug/l	95
68) m/p-Xylenes	11.844	106	21667	4.409	ug/l	93
69) o-Xylene	12.173	106	9610	2.108	ug/l	100
70) Styrene	12.185	104	15799	1.981	ug/l	98
71) Bromoform	12.350	173	3664	2.299	ug/l #	94
73) Isopropylbenzene	12.467	105	25651	2.145	ug/l	97
74) N-amyl acetate	12.279	43	4787	1.957	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	5835	2.587	ug/l	99
76) 1,2,3-Trichloropropane	12.761	75	4204m	2.950	ug/l	
77) Bromobenzene	12.749	156	7350	2.556	ug/l	91
78) n-propylbenzene	12.808	91	34372	2.352	ug/l	99
79) 2-Chlorotoluene	12.891	91	20789	2.442	ug/l	97
80) 1,3,5-Trimethylbenzene	12.944	105	20563	2.006	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.514	75	1370m	1.963	ug/l	
82) 4-Chlorotoluene	12.991	91	20481	2.263	ug/l	96
83) tert-Butylbenzene	13.208	119	18431	2.045	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	20576	2.043	ug/l	93
85) sec-Butylbenzene	13.385	105	28176	2.126	ug/l	99
86) p-Isopropyltoluene	13.502	119	22729	2.060	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	15881	2.652	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	16339	2.757	ug/l	92
89) n-Butylbenzene	13.826	91	23272	2.253	ug/l	97
90) Hexachloroethane	14.096	117	5488	2.413	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	12730	2.471	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.485	75	1000	2.655	ug/l	77
93) 1,2,4-Trichlorobenzene	15.149	180	7068	2.297	ug/l	94
94) Hexachlorobutadiene	15.249	225	5103	2.925	ug/l	95
95) Naphthalene	15.379	128	10981	1.996	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	6567	2.443	ug/l	94

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MDL-SOIL-03-QT2-2022

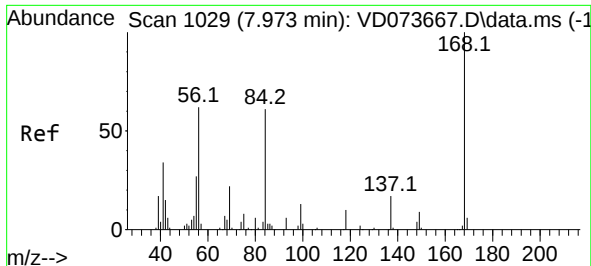
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 24 07:23:55 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

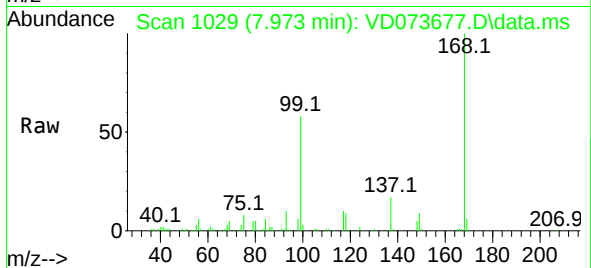
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

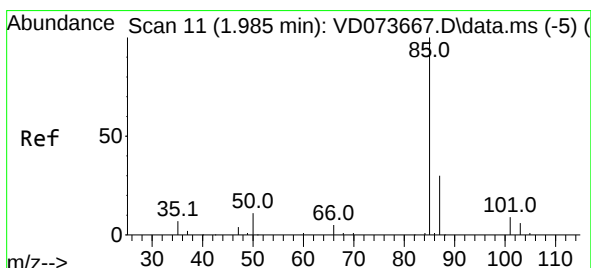
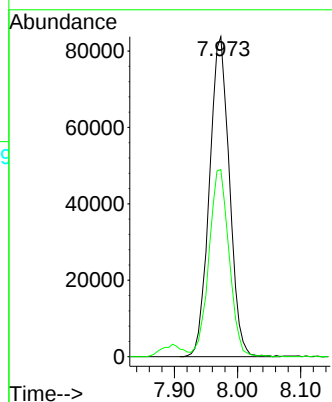
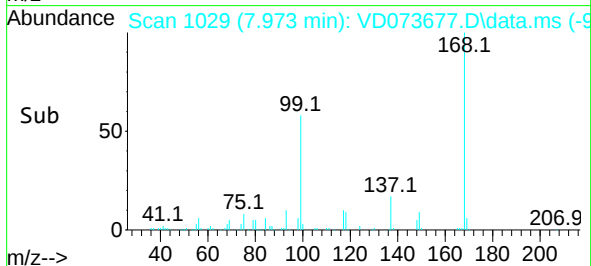
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion:168 Resp: 184229
Ion Ratio Lower Upper
168 100
99 58.2 46.4 69.6

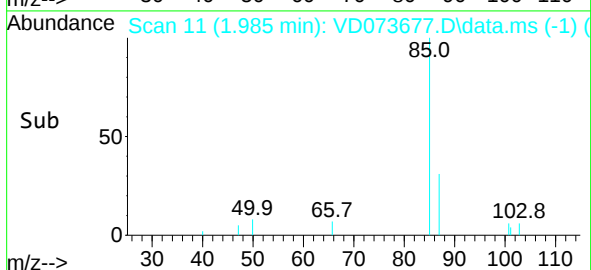
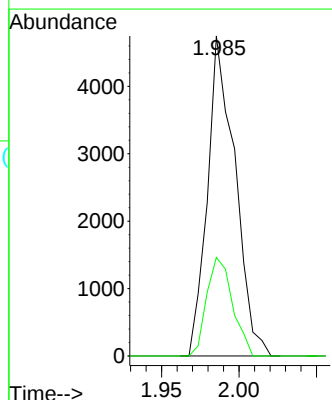
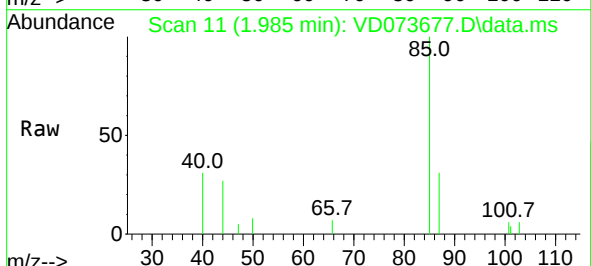
Manual Integrations
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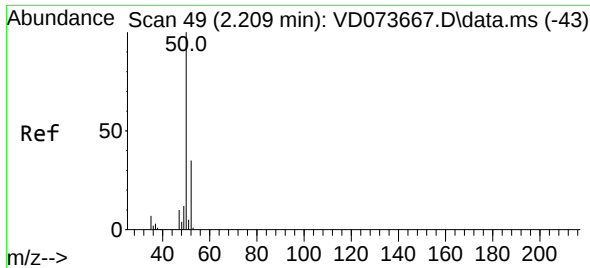
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#2
Dichlorodifluoromethane
Concen: 3.151 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

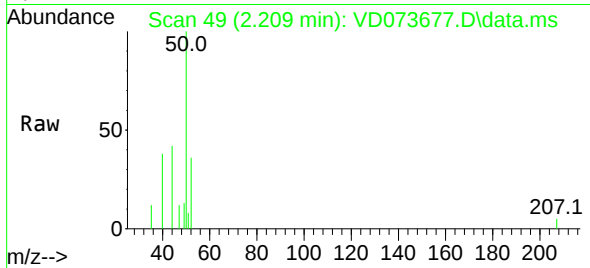
Tgt Ion: 85 Resp: 5864
Ion Ratio Lower Upper
85 100
87 30.8 15.2 45.5





#3
Chloromethane
Concen: 2.756 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

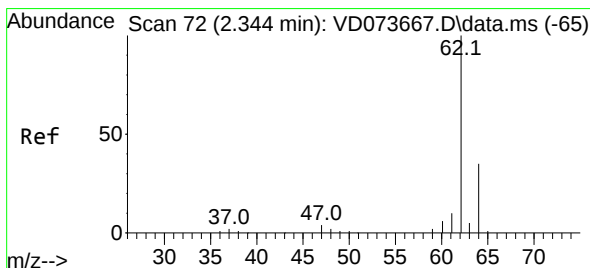
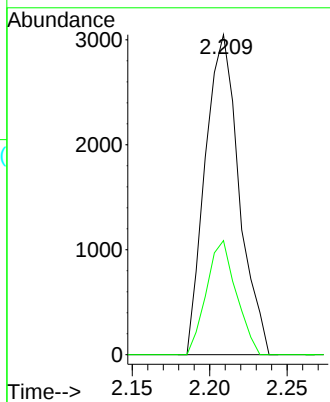
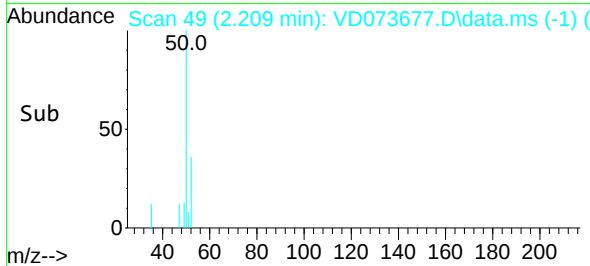
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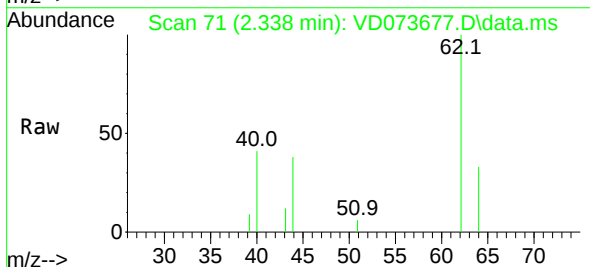
Tgt Ion: 50 Resp: 4630
Ion Ratio Lower Upper
50 100
52 35.7 27.8 41.6

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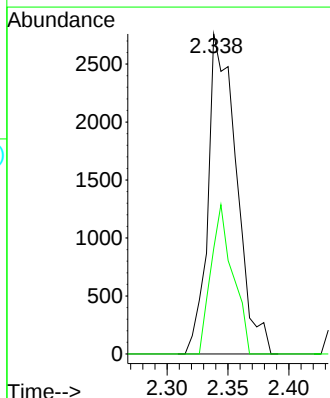
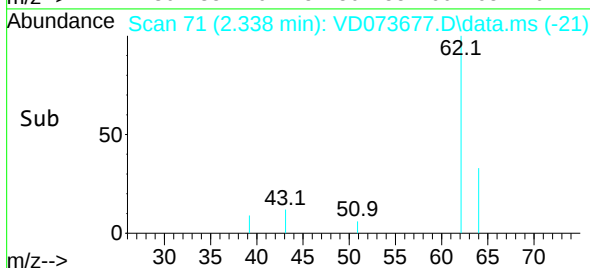
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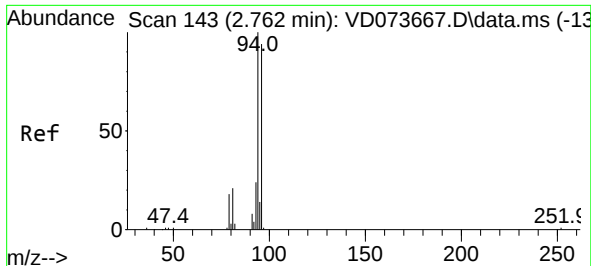


#4
Vinyl Chloride
Concen: 2.701 ug/l
RT: 2.338 min Scan# 71
Delta R.T. -0.006 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39



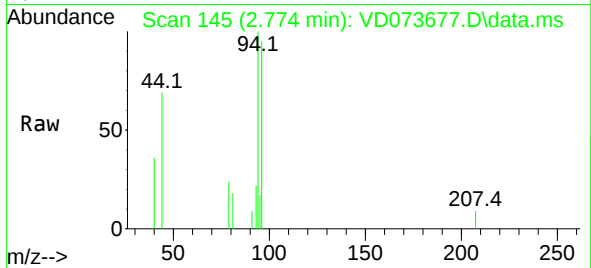
Tgt Ion: 62 Resp: 4483
Ion Ratio Lower Upper
62 100
64 33.0 27.8 41.6





#5
Bromomethane
Concen: 3.279 ug/l
RT: 2.774 min Scan# 143
Delta R.T. 0.012 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

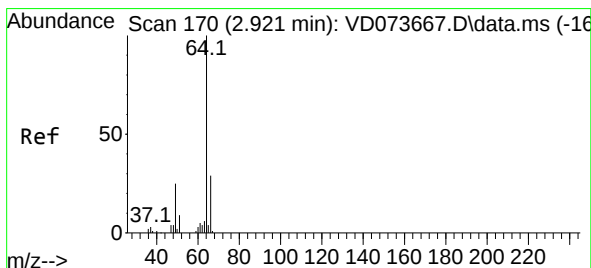
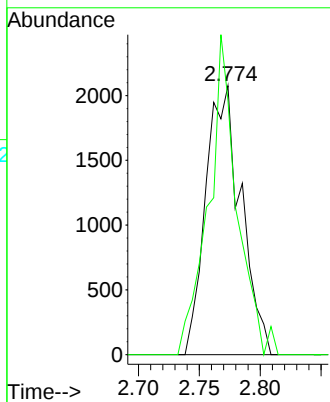
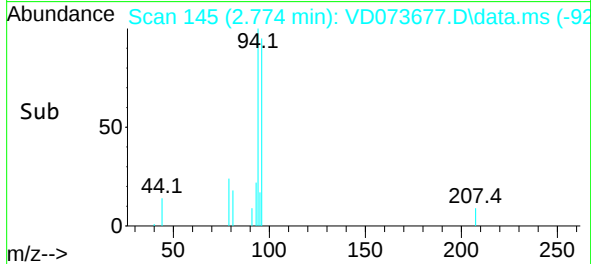
Instrument :
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Tgt Ion: 94 Resp: 418
Ion Ratio Lower Upper
94 100
96 94.6 75.1 112.7

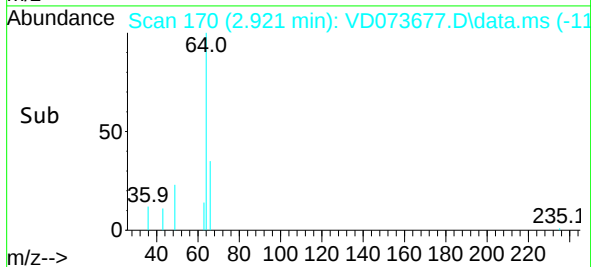
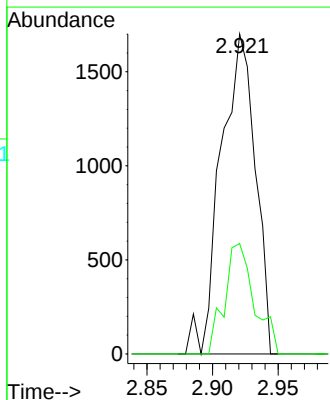
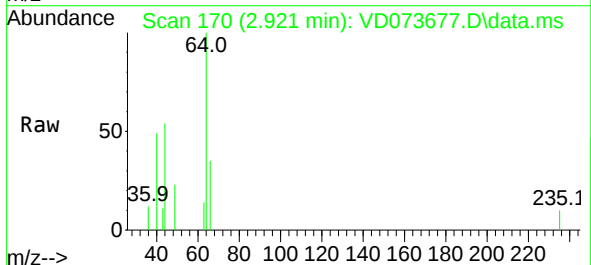
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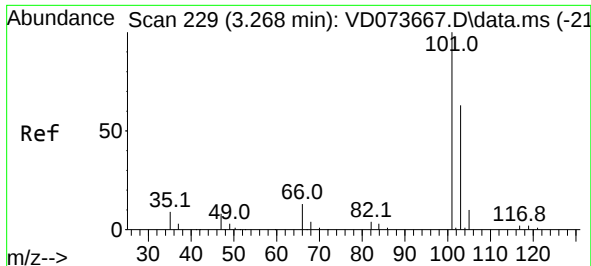
Reviewed By :Semsettin Yesilyurt 06/30/2022
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#6
Chloroethane
Concen: 2.782 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

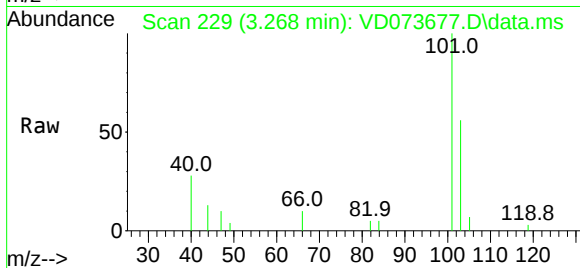
Tgt Ion: 64 Resp: 3109
Ion Ratio Lower Upper
64 100
66 34.5 23.3 34.9





#7
 Trichlorofluoromethane
 Concen: 2.969 ug/l
 RT: 3.268 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VD073677.D
 Acq: 23 Jun 2022 20:39

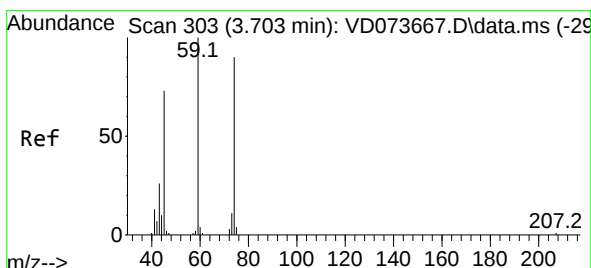
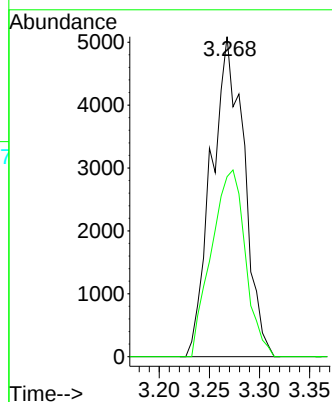
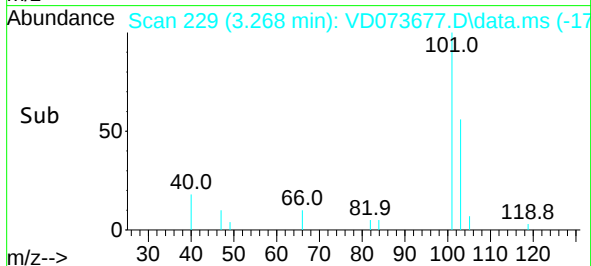
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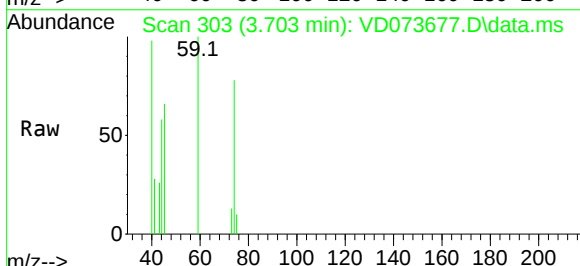
Tgt Ion:101 Resp: 11524
 Ion Ratio Lower Upper
 101 100
 103 56.2 50.4 75.6

Manual Integrations
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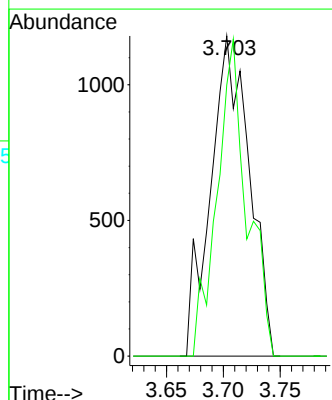
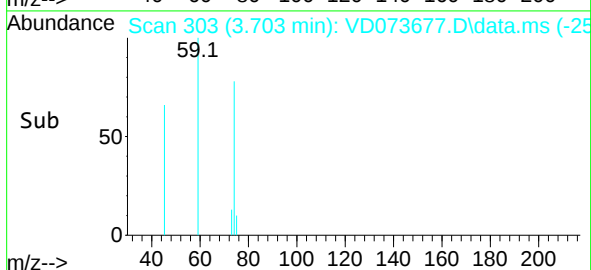
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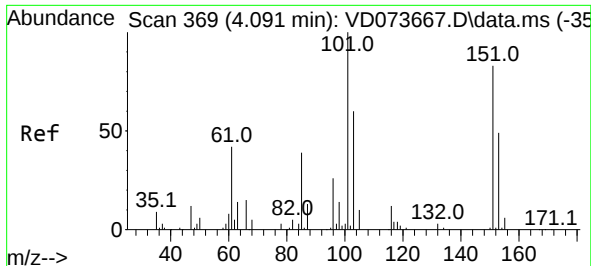


#8
 Diethyl Ether
 Concen: 2.822 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. 0.000 min
 Lab File: VD073677.D
 Acq: 23 Jun 2022 20:39



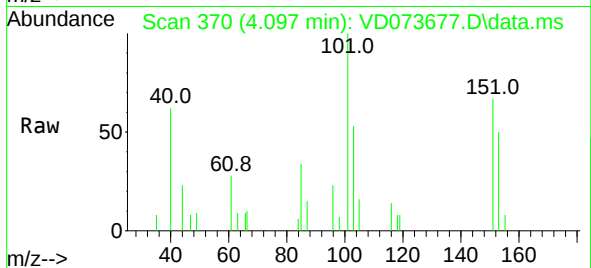
Tgt Ion: 74 Resp: 2809
 Ion Ratio Lower Upper
 74 100
 45 76.7 45.0 134.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.080 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

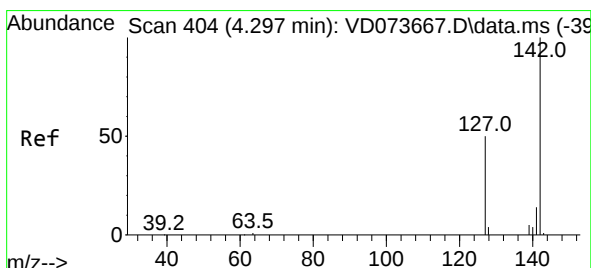
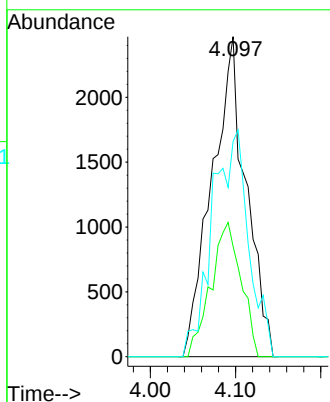
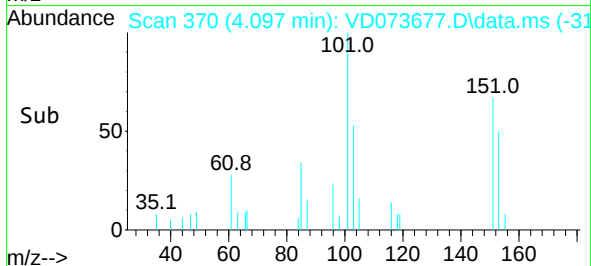
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



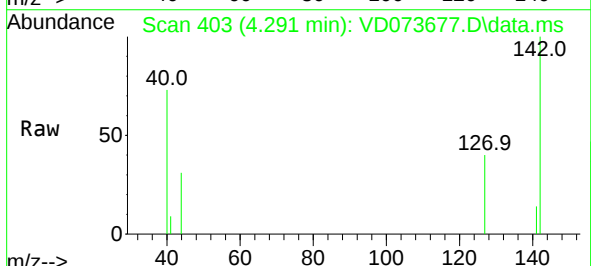
Tgt Ion:101 Resp: 685
Ion Ratio Lower Upper
101 100
85 37.1 34.8 52.2
151 75.4 63.4 95.0

Manual Integrations
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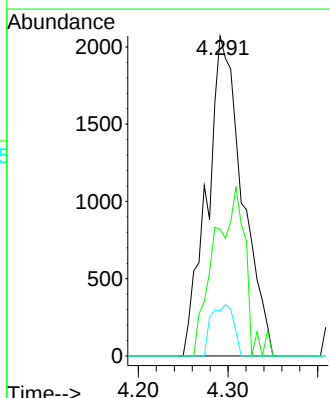
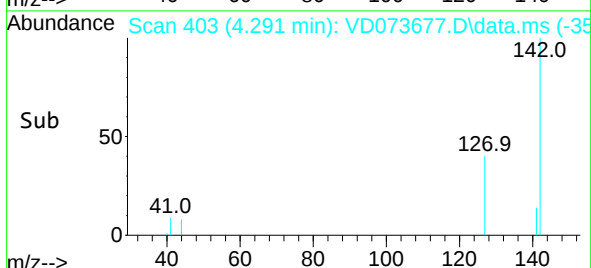
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

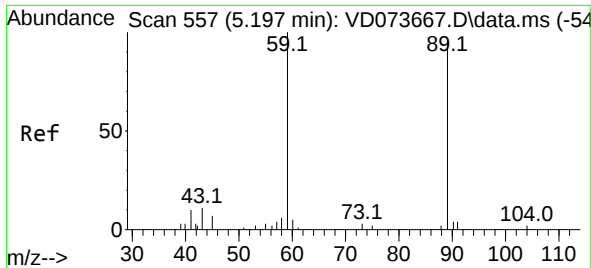


#10
Methyl Iodide
Concen: 2.663 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39



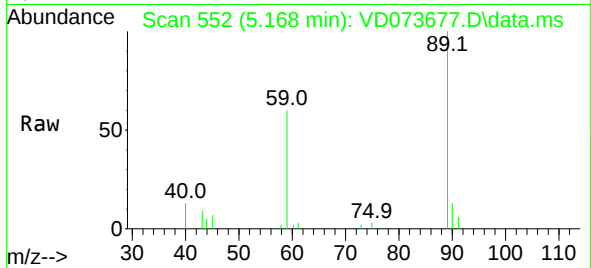
Tgt Ion:142 Resp: 5643
Ion Ratio Lower Upper
142 100
127 46.7 39.4 59.2
141 10.2 11.9 17.9#





#11
Tert butyl alcohol
Concen: 42.612 ug/l
RT: 5.168 min Scan# 511
Delta R.T. -0.029 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

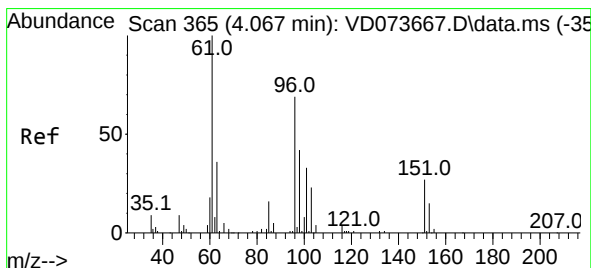
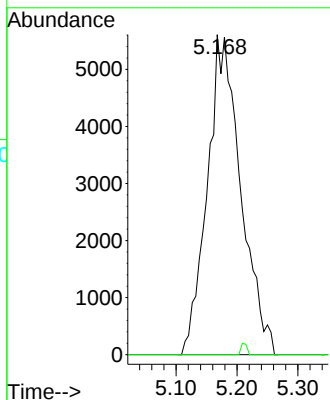
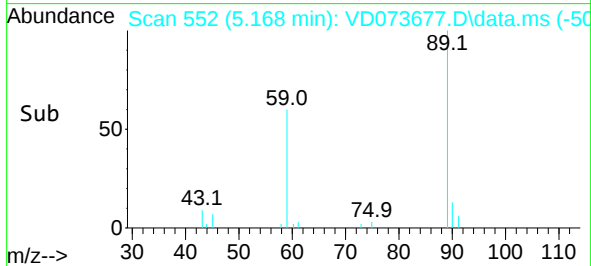
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022



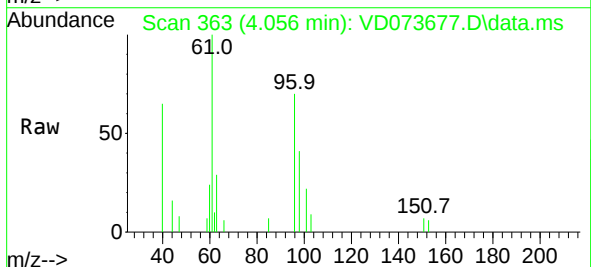
Tgt Ion: 59 Resp: 21439
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

Manual Integrations
APPROVED

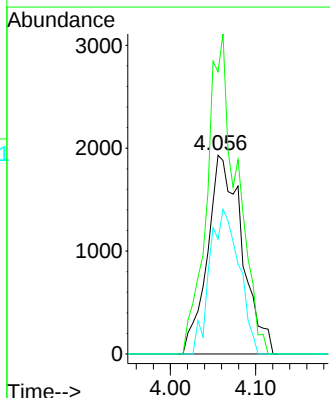
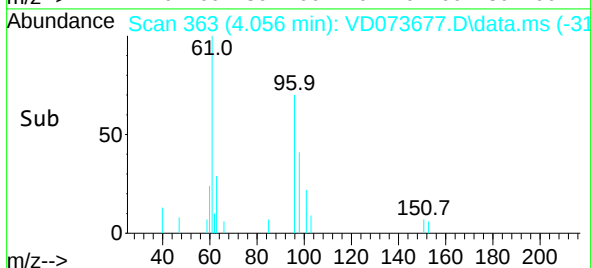
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

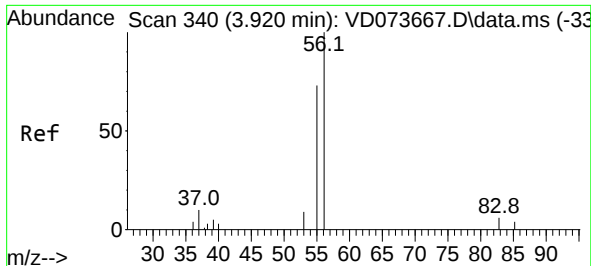


#12
1,1-Dichloroethene
Concen: 2.887 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.012 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39



Tgt Ion: 96 Resp: 5465
Ion Ratio Lower Upper
96 100
61 141.9 116.3 174.5
98 57.7 48.7 73.1





#13

Acrolein

Concen: 5.388 ug/l m

RT: 3.926 min Scan# 34

Delta R.T. 0.006 min

Lab File: VD073677.D

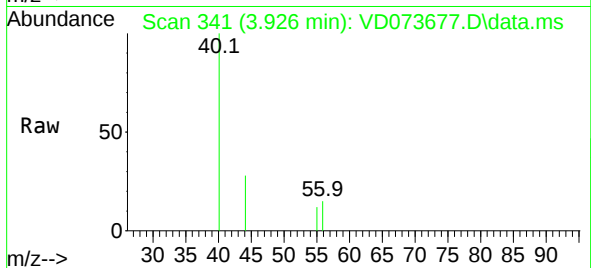
Acq: 23 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2022



Tgt Ion: 56 Resp: 200

Ion Ratio Lower Upper

56 100

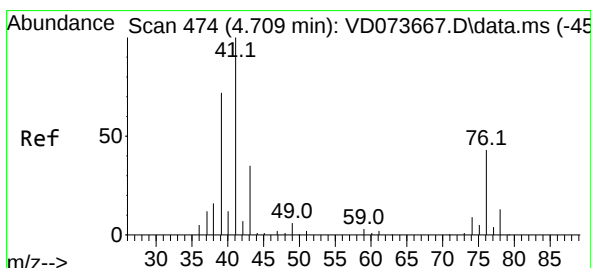
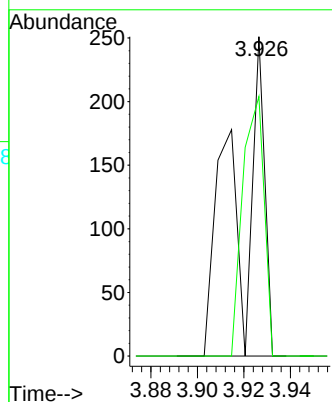
55 63.1 60.3 90.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022

Supervised By :Mahesh Dadoda 06/30/2022



#14

Allyl chloride

Concen: 2.572 ug/l

RT: 4.715 min Scan# 475

Delta R.T. 0.006 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

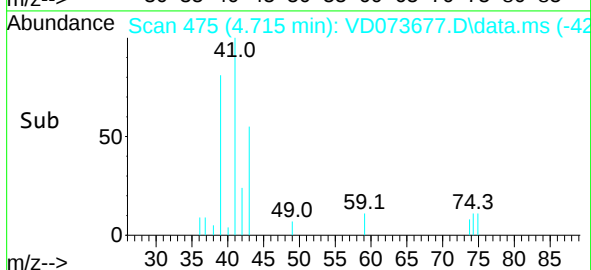
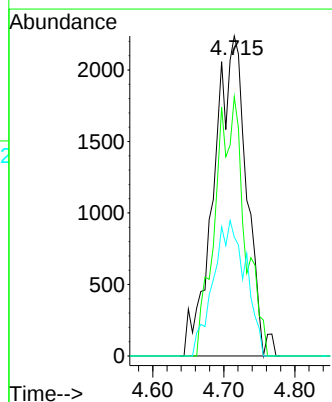
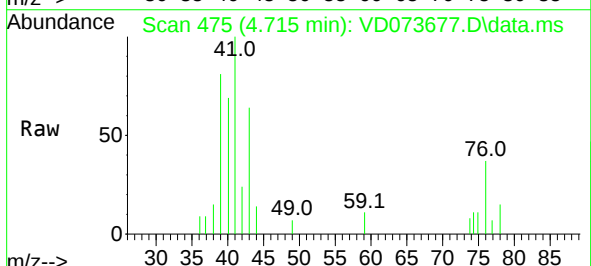
Tgt Ion: 41 Resp: 7178

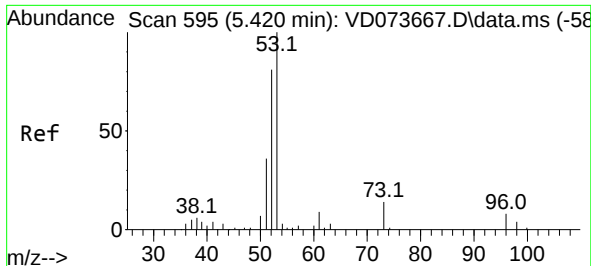
Ion Ratio Lower Upper

41 100

39 72.8 56.6 85.0

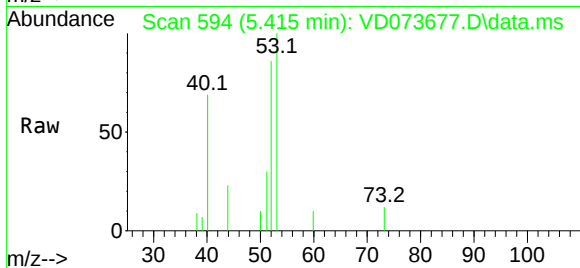
76 42.1 32.7 49.1





#15
Acrylonitrile
Concen: 13.047 ug/l
RT: 5.415 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

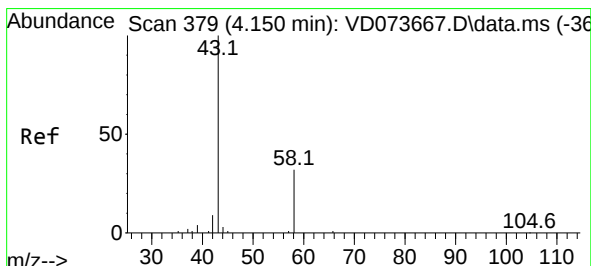
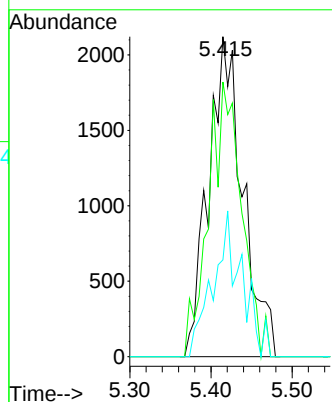
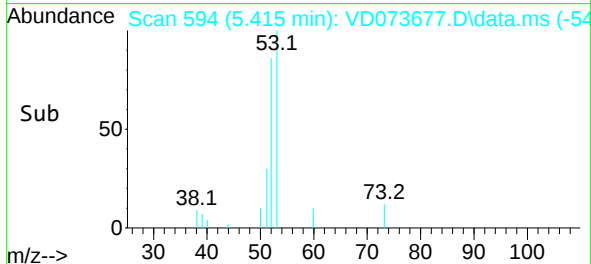
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



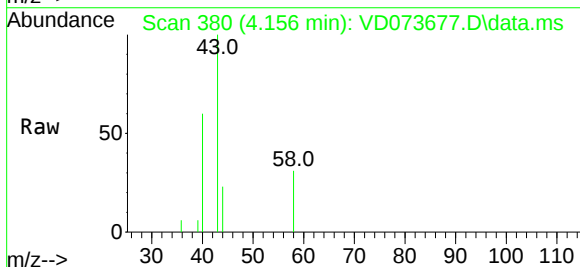
Tgt Ion: 53 Resp: 6210
Ion Ratio Lower Upper
53 100
52 83.2 66.2 99.2
51 36.7 30.2 45.2

Manual Integrations
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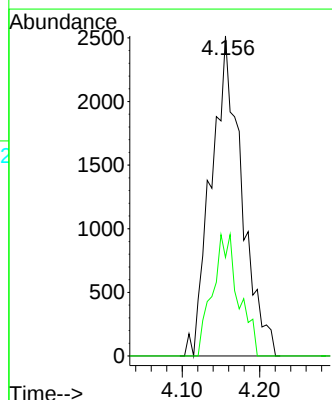
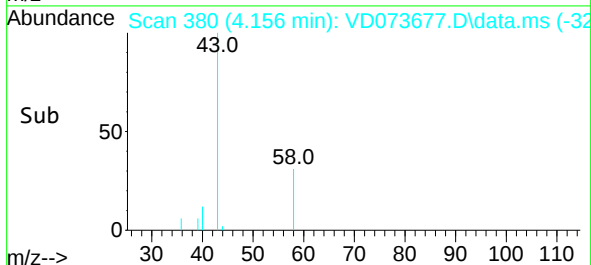
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

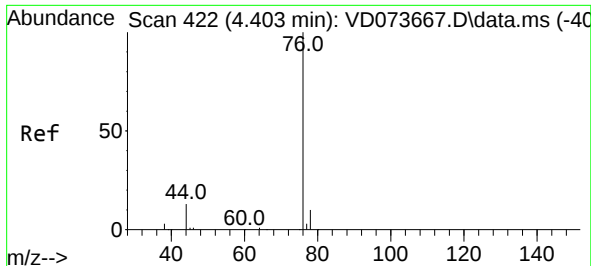


#16
Acetone
Concen: 17.202 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39



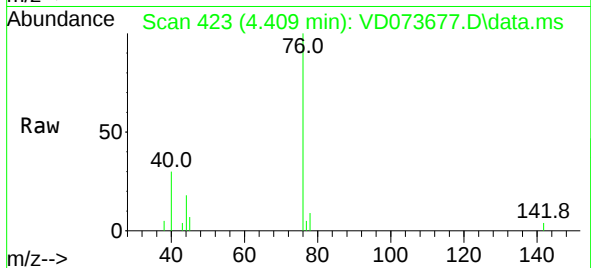
Tgt Ion: 43 Resp: 6875
Ion Ratio Lower Upper
43 100
58 30.8 25.2 37.8





#17
Carbon Disulfide
Concen: 2.640 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

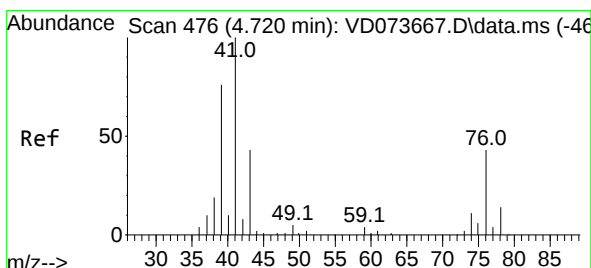
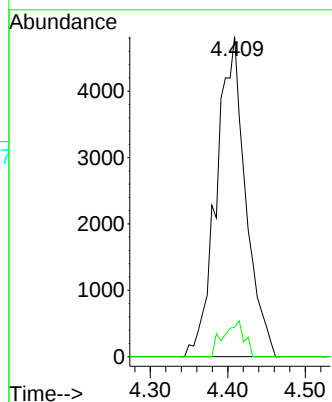
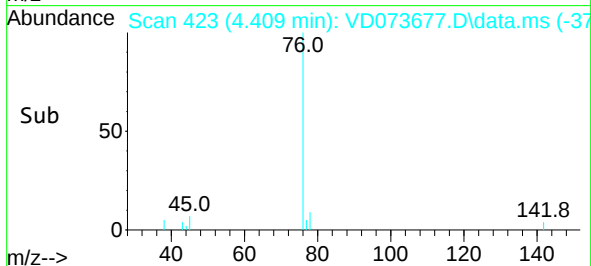
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion: 76 Resp: 1261
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5

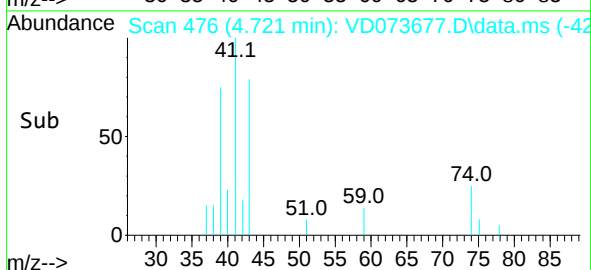
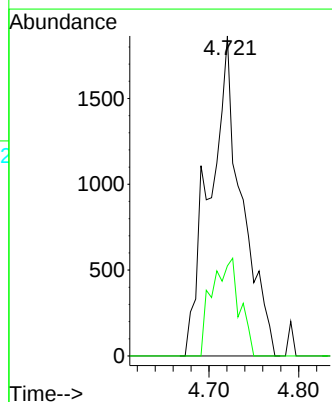
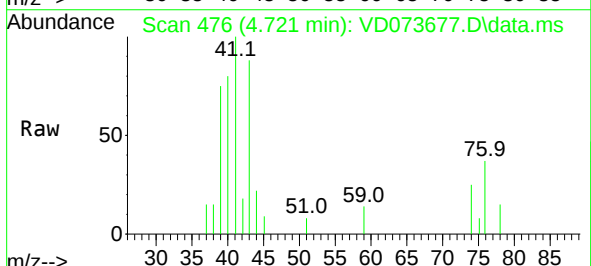
Manual Integrations APPROVED

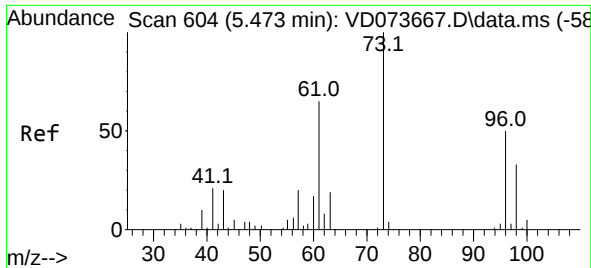
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#18
Methyl Acetate
Concen: 3.740 ug/l
RT: 4.721 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

Tgt Ion: 43 Resp: 4611
Ion Ratio Lower Upper
43 100
74 26.4 20.2 30.4





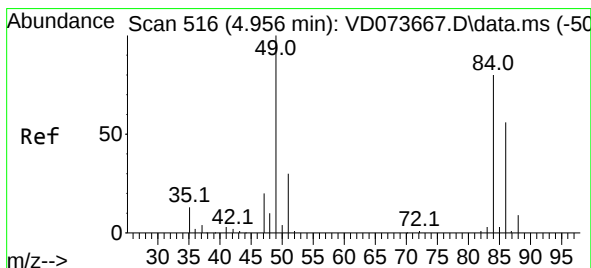
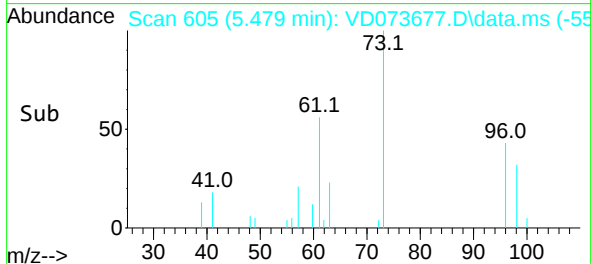
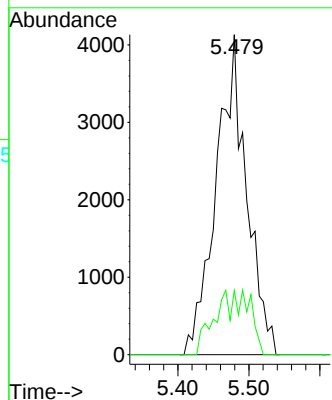
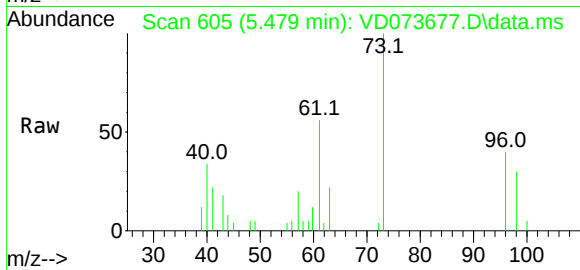
#19
Methyl tert-butyl Ether
Concen: 2.487 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

Tgt Ion: 73 Resp: 1226
Ion Ratio Lower Upper
73 100
57 20.0 16.3 24.5

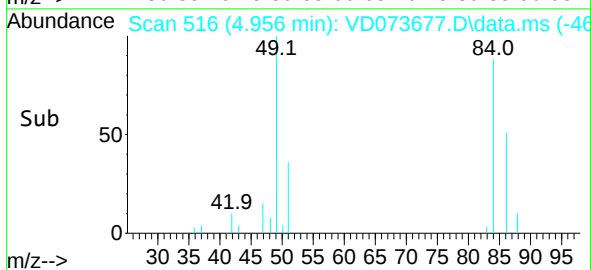
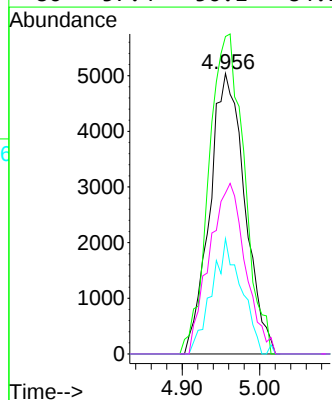
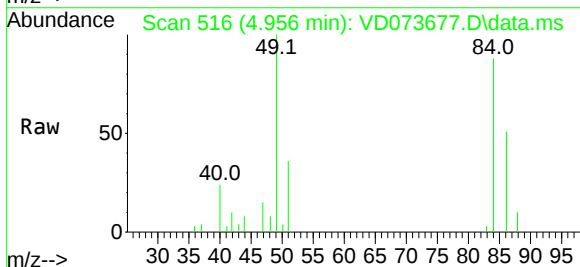
Manual Integrations
APPROVED

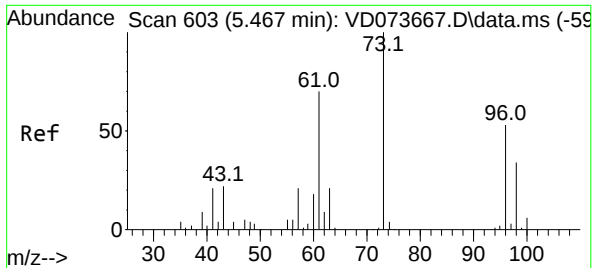
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#20
Methylene Chloride
Concen: 5.452 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

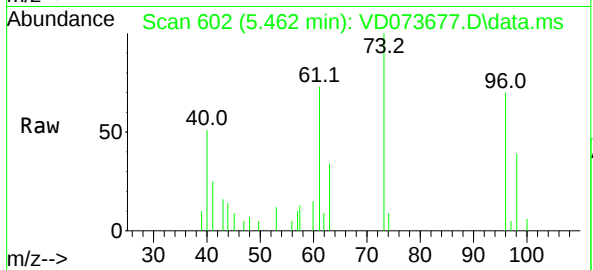
Tgt Ion: 84 Resp: 15847
Ion Ratio Lower Upper
84 100
49 113.2 100.6 150.8
51 41.1 29.8 44.6
86 57.4 56.1 84.1





#21
trans-1,2-Dichloroethene
Concen: 2.589 ug/l
RT: 5.462 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

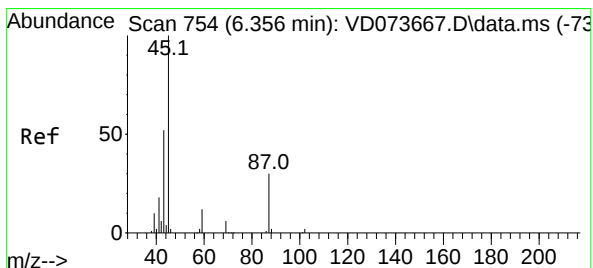
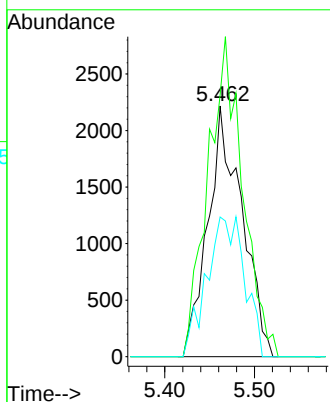
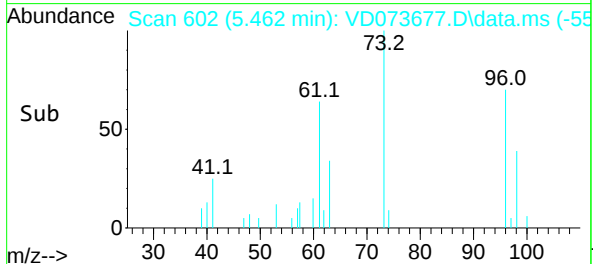
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022



Tgt Ion: 96 Resp: 583
Ion Ratio Lower Upper
96 100
61 104.3 105.0 157.6
98 55.7 50.6 75.8

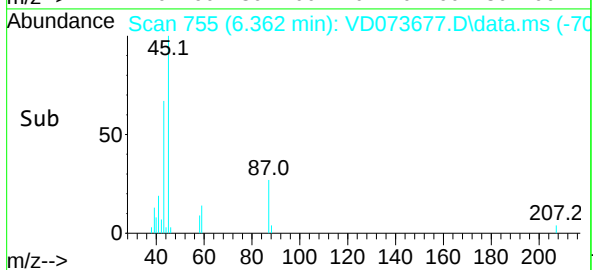
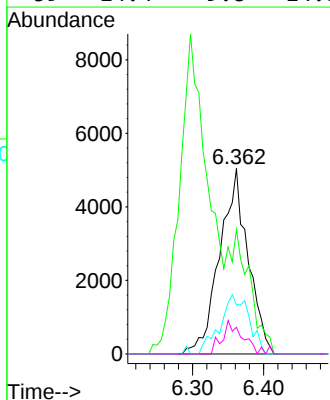
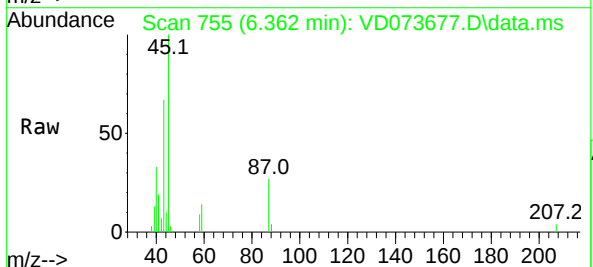
Manual Integrations
APPROVED

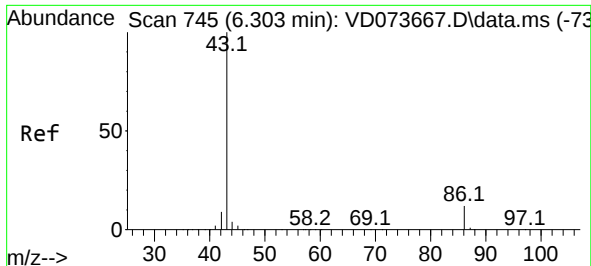
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#22
Diisopropyl ether
Concen: 2.229 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.006 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

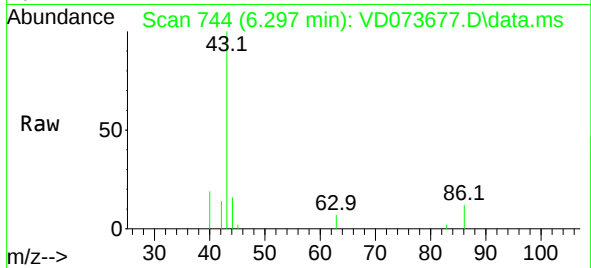
Tgt Ion: 45 Resp: 13970
Ion Ratio Lower Upper
45 100
43 67.1 42.1 63.1#
87 26.6 24.2 36.4
59 14.4 9.8 14.8





#23
 Vinyl Acetate
 Concen: 9.594 ug/l m
 RT: 6.297 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD073677.D
 Acq: 23 Jun 2022 20:39

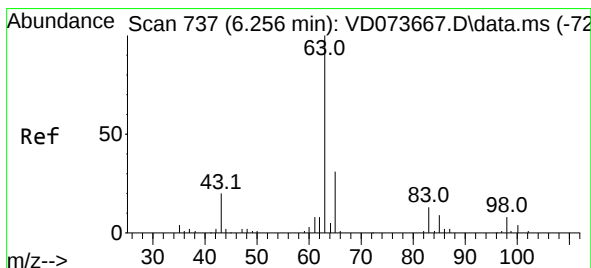
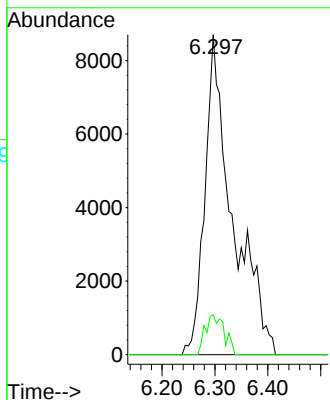
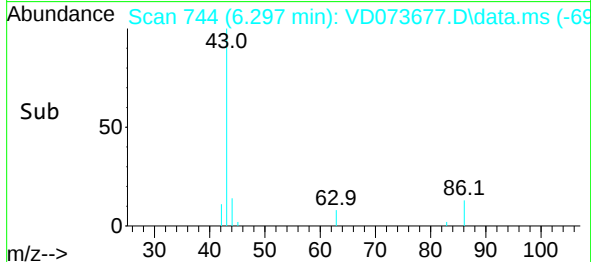
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2022



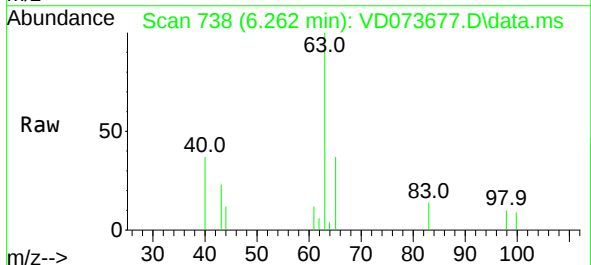
Tgt Ion: 43 Resp: 31518
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.7 14.5

Manual Integrations
 APPROVED

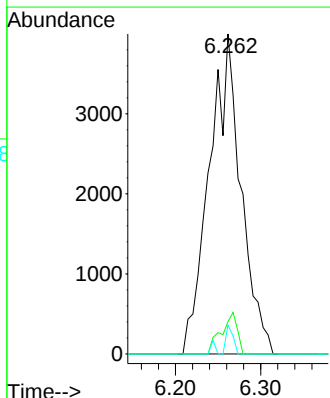
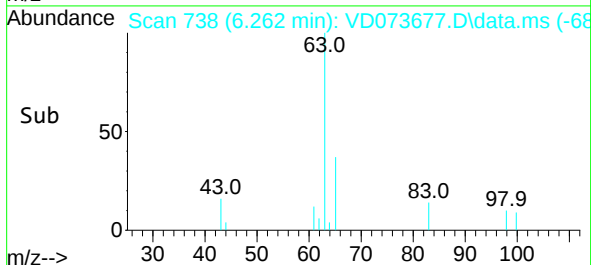
Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

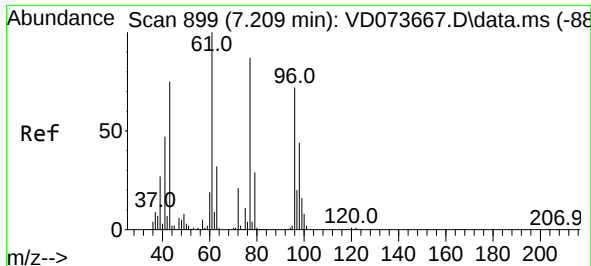


#24
 1,1-Dichloroethane
 Concen: 2.478 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.006 min
 Lab File: VD073677.D
 Acq: 23 Jun 2022 20:39



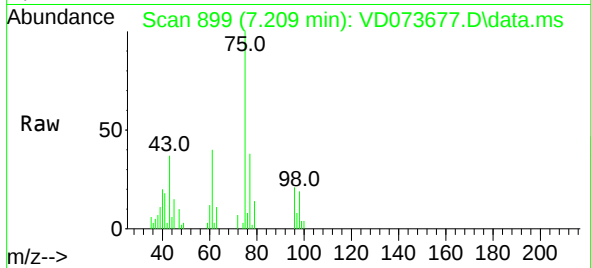
Tgt Ion: 63 Resp: 10343
 Ion Ratio Lower Upper
 63 100
 98 10.1 4.0 12.2
 100 9.0 2.1 6.5





#25
2-Butanone
Concen: 15.627 ug/l
RT: 7.209 min Scan# 891
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

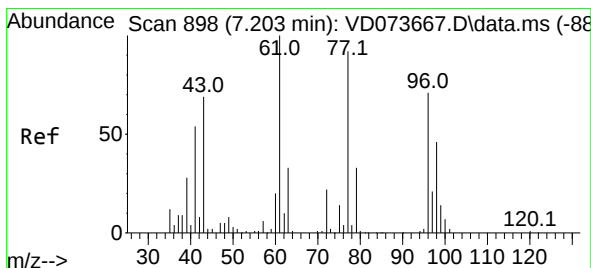
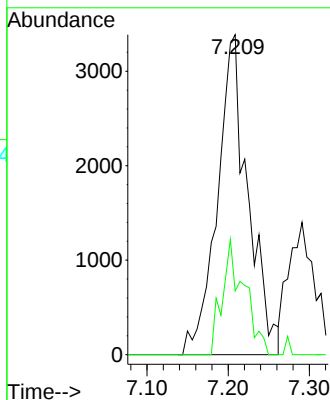
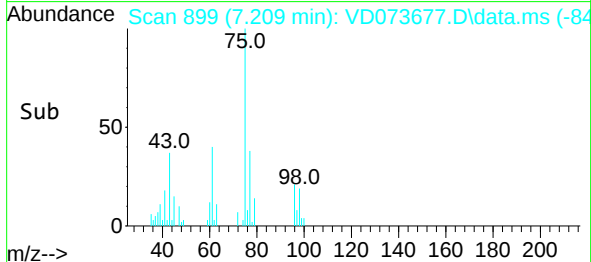
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



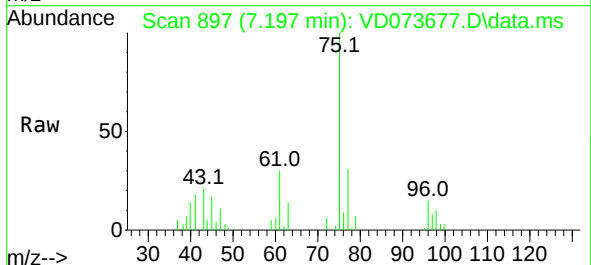
Tgt Ion: 43 Resp: 891
Ion Ratio Lower Upper
43 100
72 19.9 22.6 33.8

Manual Integrations
APPROVED

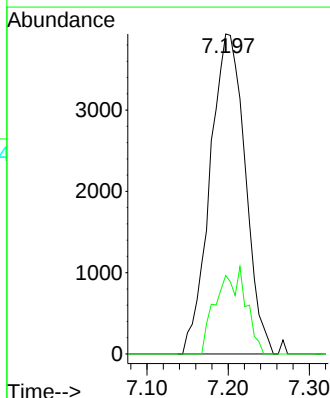
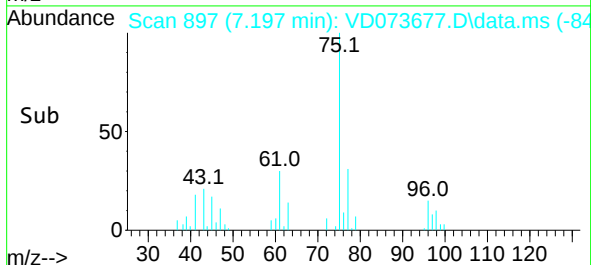
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

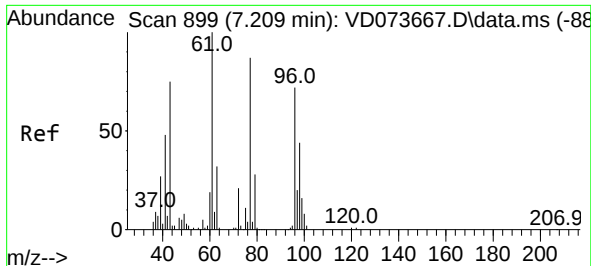


#26
2,2-Dichloropropane
Concen: 3.010 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39



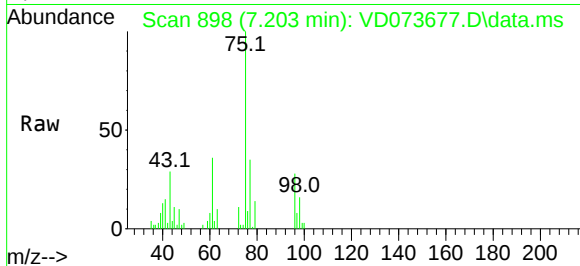
Tgt Ion: 77 Resp: 11833
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 2.567 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD073677.D
 Acq: 23 Jun 2022 20:39

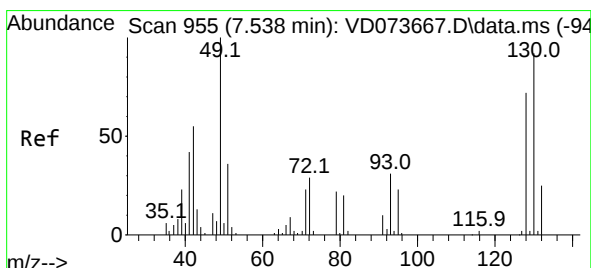
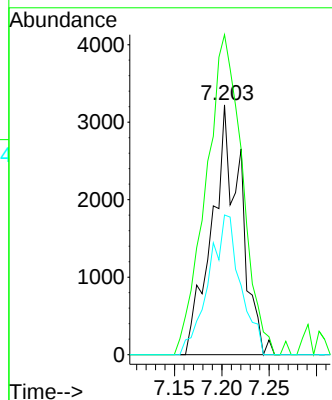
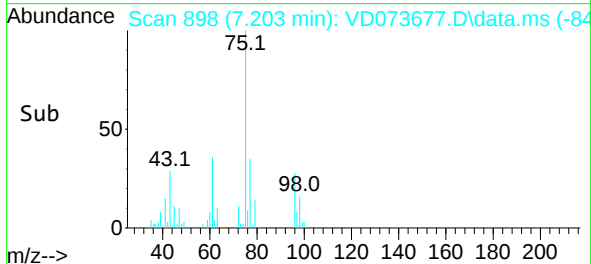
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2022



Tgt Ion: 96 Resp: 6798
 Ion Ratio Lower Upper
 96 100
 61 162.1 0.0 276.0
 98 61.9 0.0 128.0

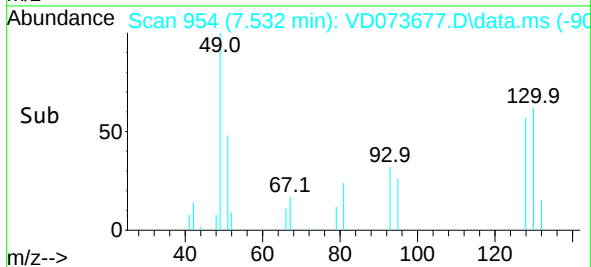
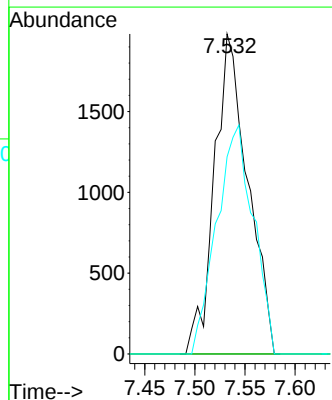
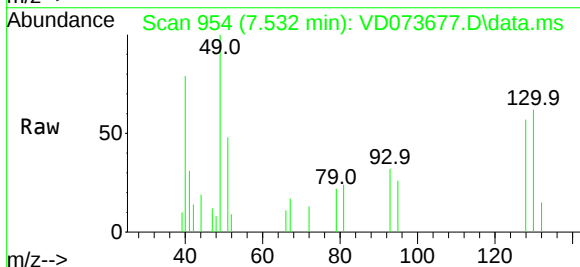
Manual Integrations
 APPROVED

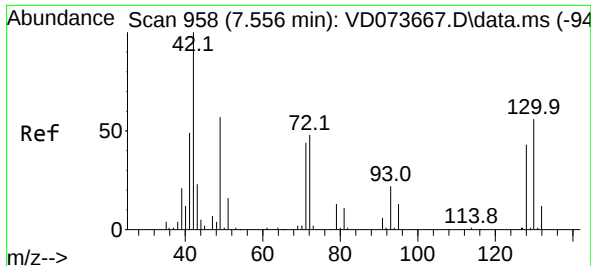
Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#28
 Bromochloromethane
 Concen: 3.117 ug/l
 RT: 7.532 min Scan# 954
 Delta R.T. -0.006 min
 Lab File: VD073677.D
 Acq: 23 Jun 2022 20:39

Tgt Ion: 49 Resp: 4591
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 5.0
 130 78.7 73.2 109.8





#29

Tetrahydrofuran

Concen: 11.784 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

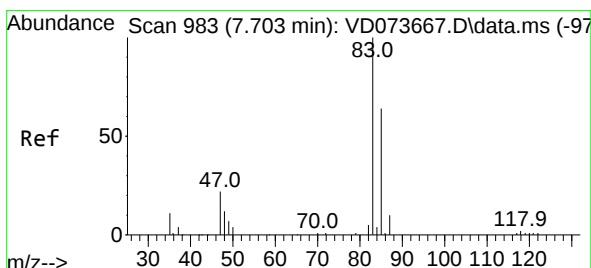
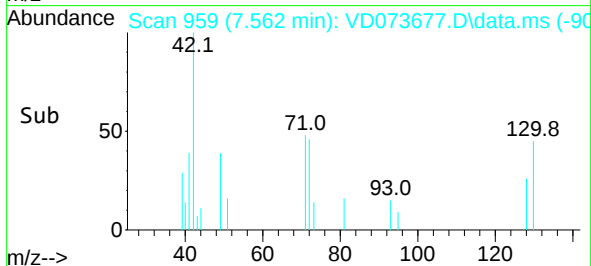
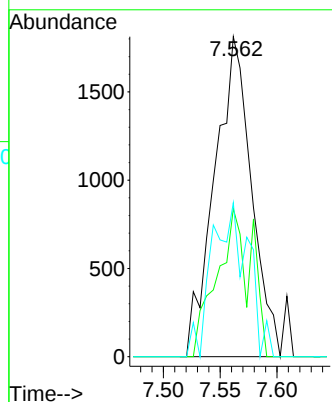
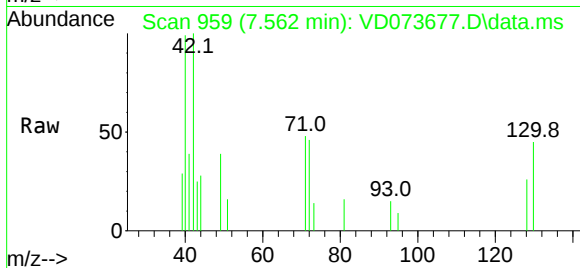
MDL-SOIL-03-QT2-2022

Tgt Ion:	42	Resp:	408
Ion	Ratio	Lower	Upper
42	100		
72	42.9	37.8	56.6
71	23.2	35.5	53.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#30

Chloroform

Concen: 2.573 ug/l

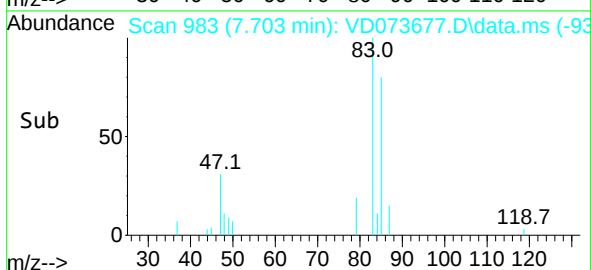
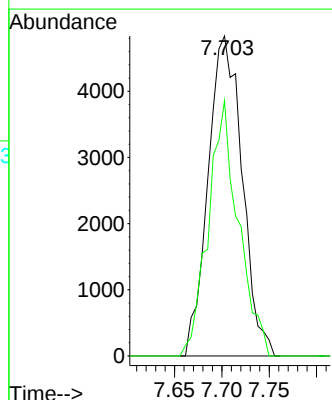
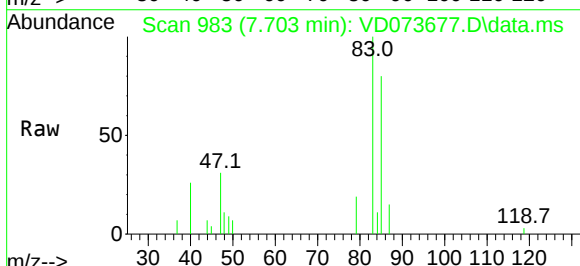
RT: 7.703 min Scan# 983

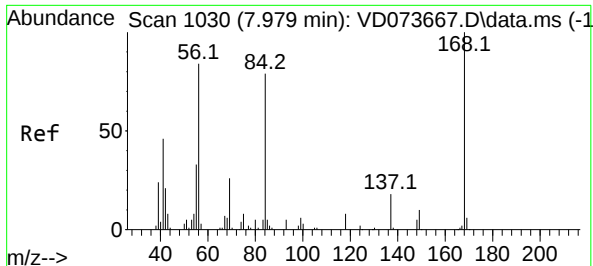
Delta R.T. 0.000 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

Tgt Ion:	83	Resp:	12086
Ion	Ratio	Lower	Upper
83	100		
85	79.8	51.1	76.7





#31

Cyclohexane

Concen: 3.396 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

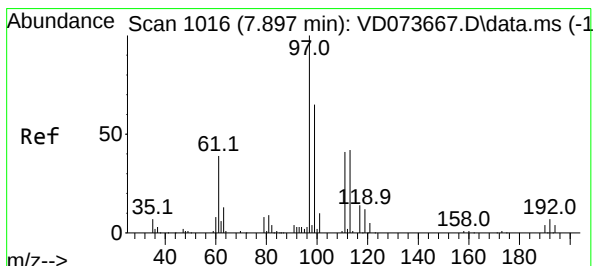
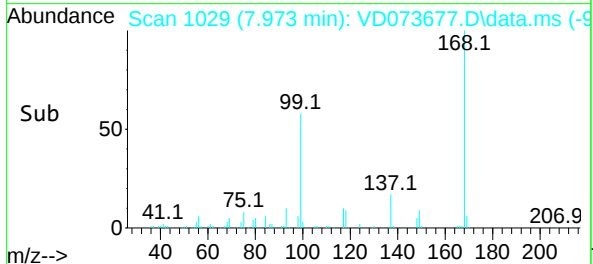
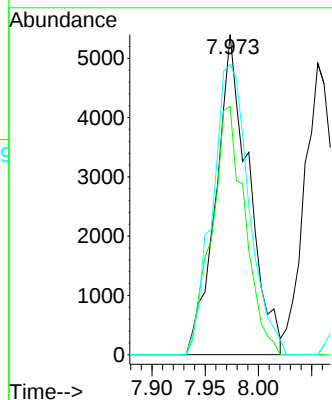
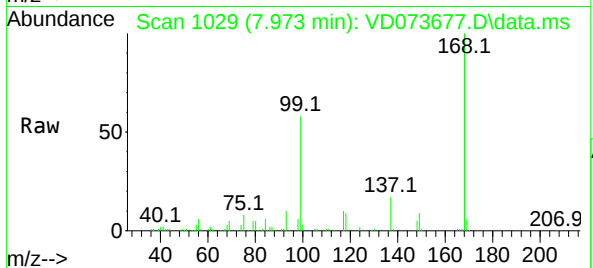
MDL-SOIL-03-QT2-2022

Tgt Ion:	56	Resp:	11529
Ion Ratio	Lower	Upper	
56	100		
69	77.6	25.2	37.8
84	90.7	75.4	113.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#32

1,1,1-Trichloroethane

Concen: 2.839 ug/l

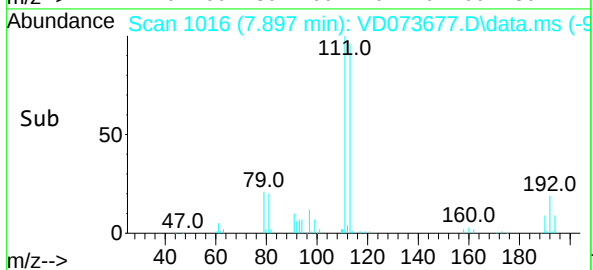
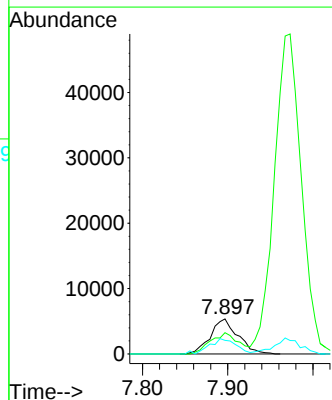
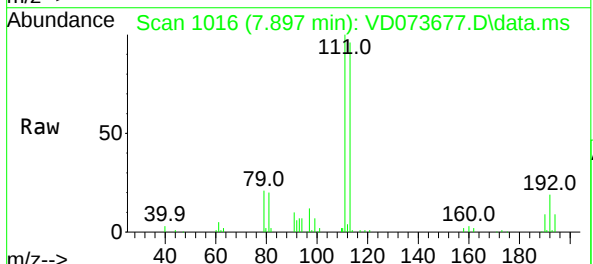
RT: 7.897 min Scan# 1016

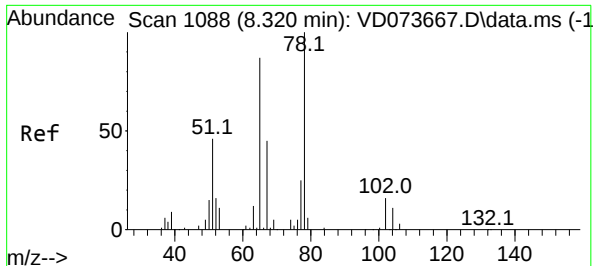
Delta R.T. 0.000 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

Tgt Ion:	97	Resp:	11979
Ion Ratio	Lower	Upper	
97	100		
99	63.0	51.2	76.8
61	42.5	33.4	50.0





#33

1,2-Dichloroethane-d4

Concen: 51.910 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2022

Tgt Ion: 65 Resp: 117458

Ion Ratio Lower Upper

65 100

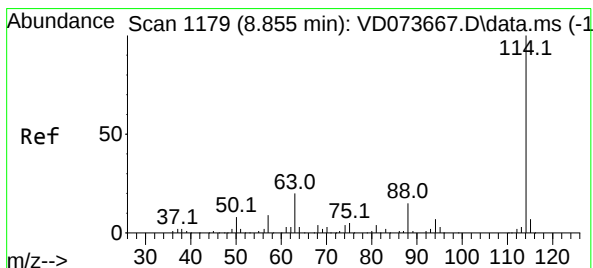
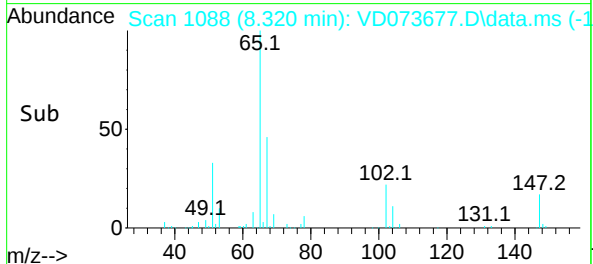
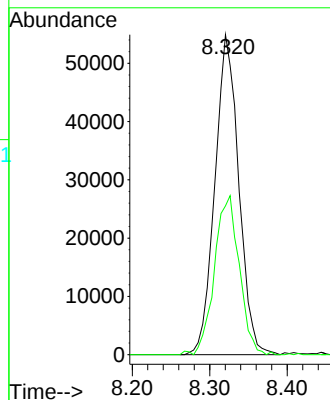
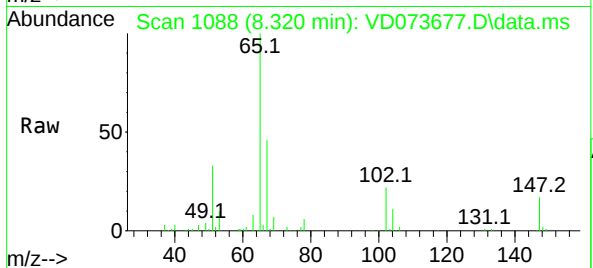
67 51.6 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022

Supervised By :Mahesh Dadoda 06/30/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

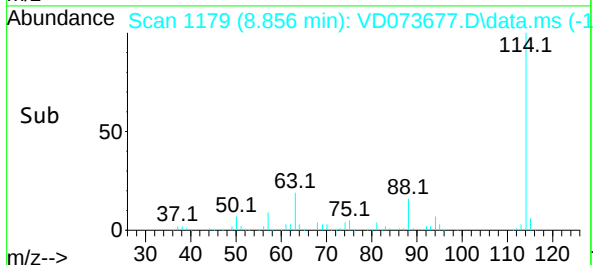
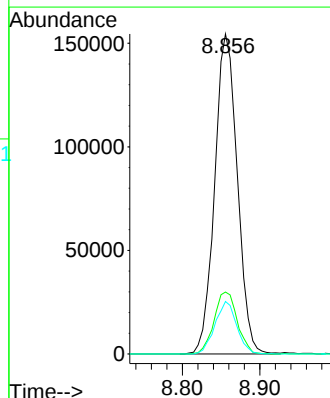
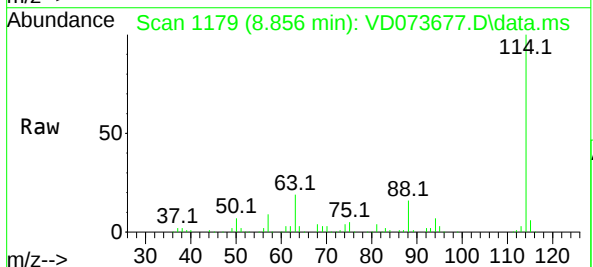
Tgt Ion:114 Resp: 313047

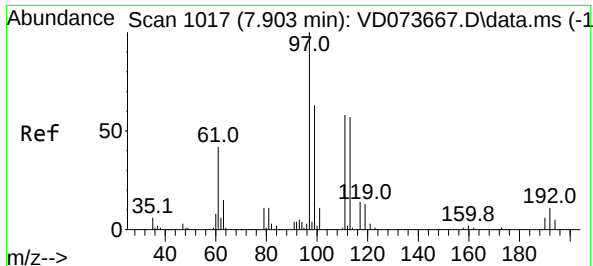
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.2

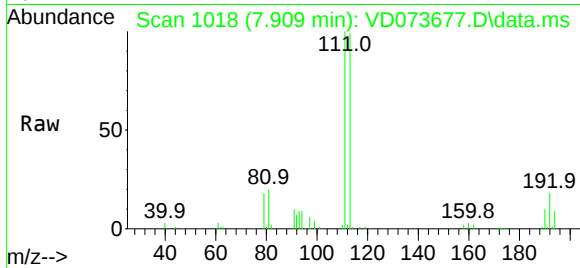
88 16.4 0.0 29.4





#35
Dibromofluoromethane
Concen: 49.194 ug/l
RT: 7.909 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

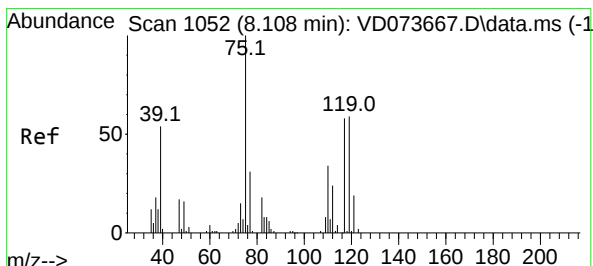
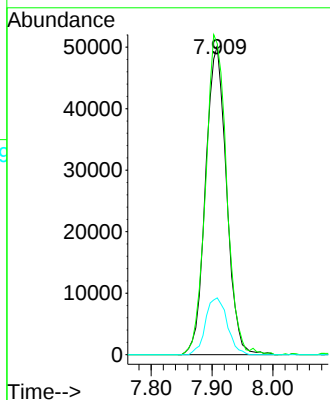
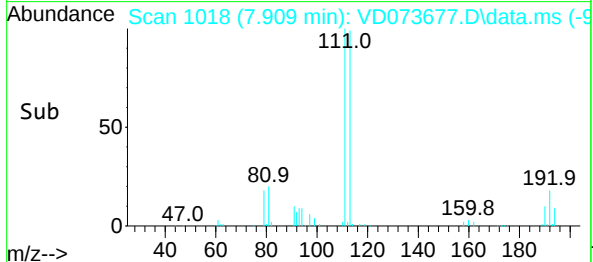
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion: 113 Resp: 11996
Ion Ratio Lower Upper
113 100
111 104.2 81.8 122.6
192 19.0 14.8 22.2

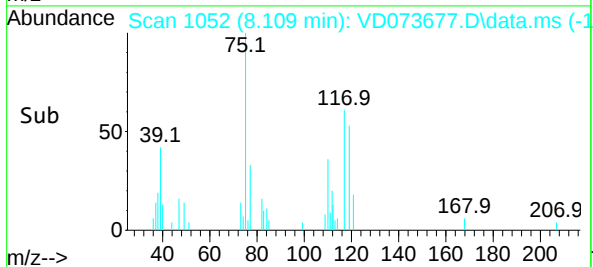
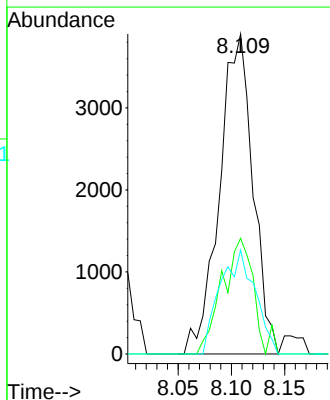
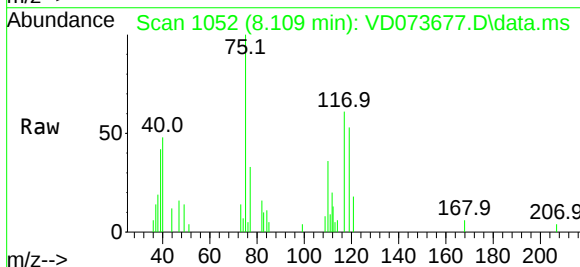
Manual Integrations
APPROVED

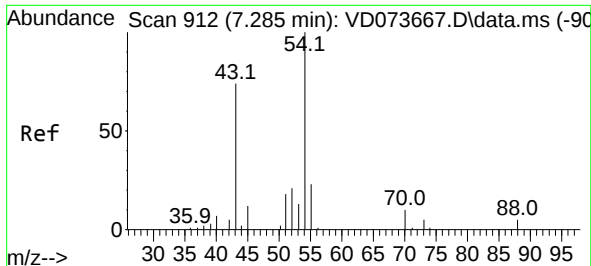
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#36
1,1-Dichloropropene
Concen: 2.485 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

Tgt Ion: 75 Resp: 8507
Ion Ratio Lower Upper
75 100
110 32.8 18.0 54.0
77 34.0 25.6 38.4





#37

Ethyl Acetate

Concen: 2.325 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2022

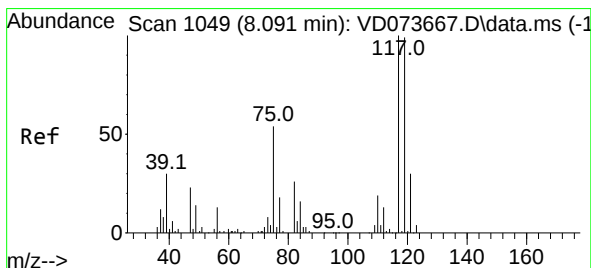
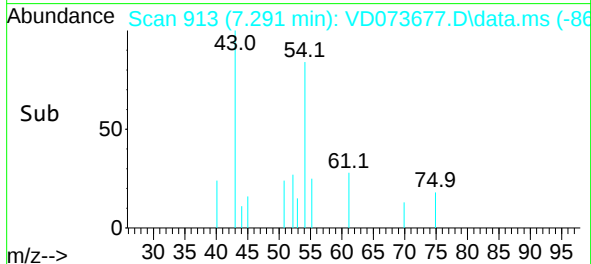
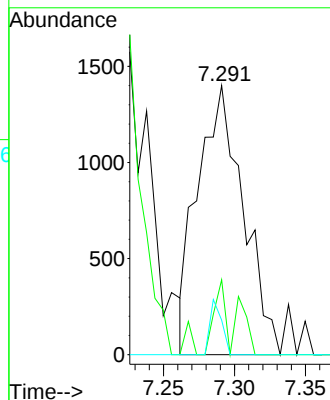
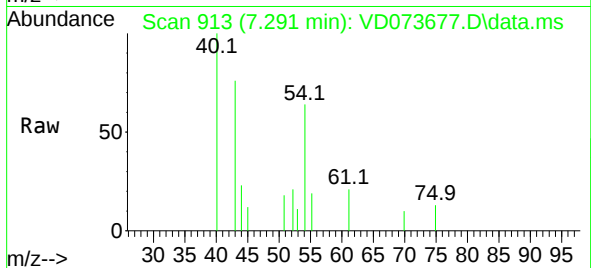
Tgt Ion: 43 Resp: 3124

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0
70	5.3	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#38

Carbon Tetrachloride

Concen: 2.624 ug/l

RT: 8.091 min Scan# 1049

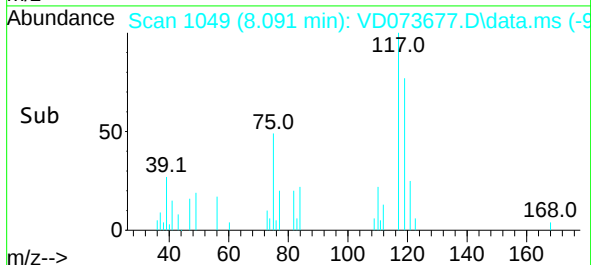
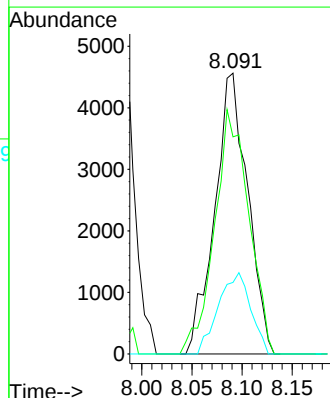
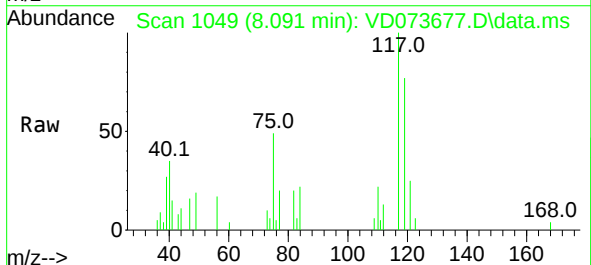
Delta R.T. 0.000 min

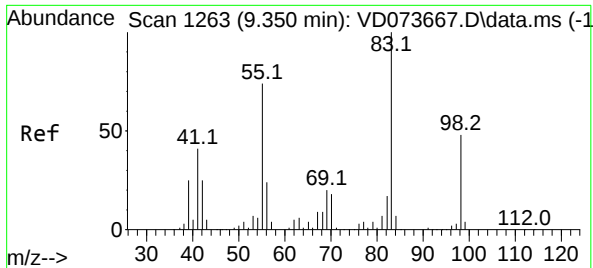
Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

Tgt Ion:117 Resp: 10457

Ion	Ratio	Lower	Upper
117	100		
119	77.3	79.2	118.8
121	25.5	23.8	35.8





#39

Methylcyclohexane

Concen: 2.343 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

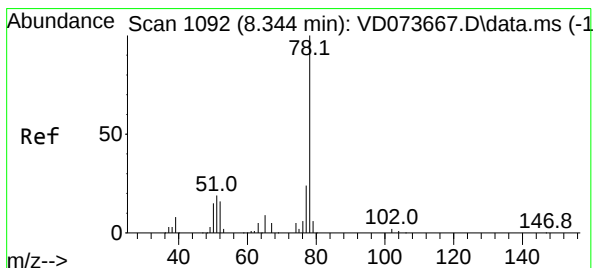
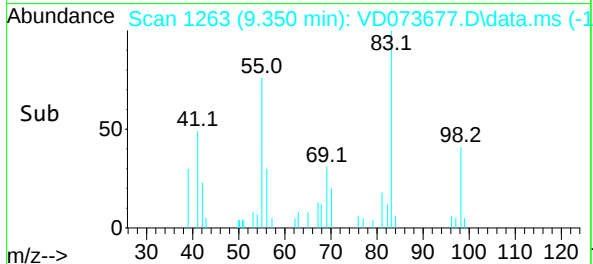
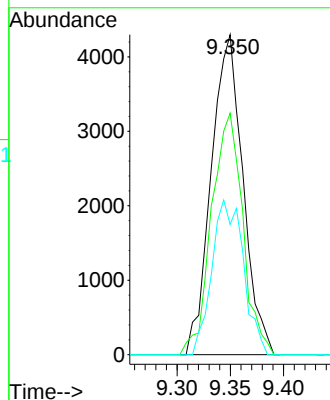
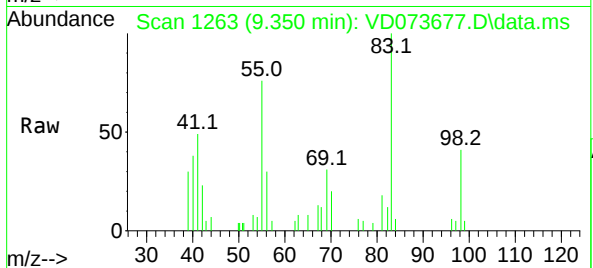
MDL-SOIL-03-QT2-2022

Tgt Ion: 83	Resp: 8904
Ion Ratio	Lower Upper
83 100	
55 75.5	59.0 88.4
98 40.7	38.3 57.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#40

Benzene

Concen: 2.474 ug/l

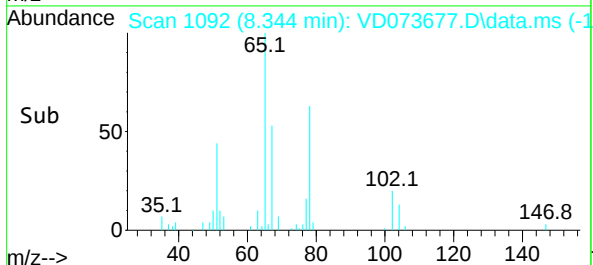
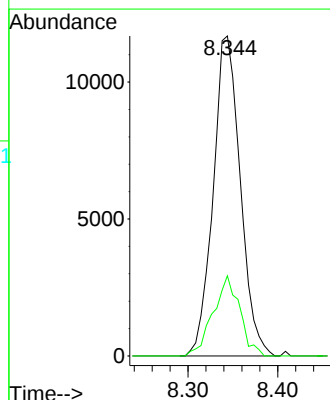
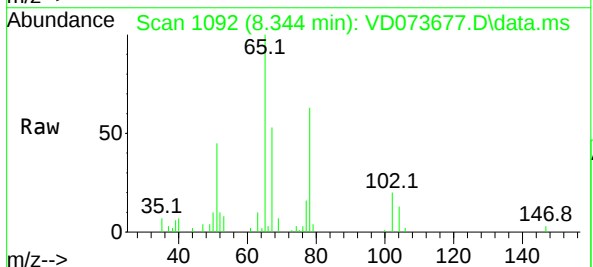
RT: 8.344 min Scan# 1092

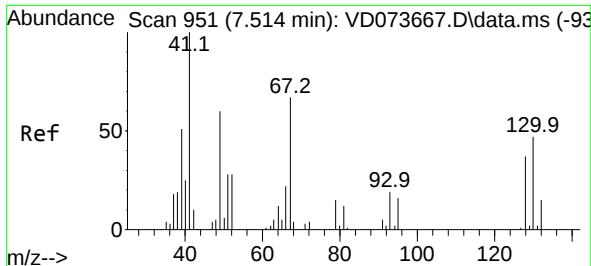
Delta R.T. 0.000 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

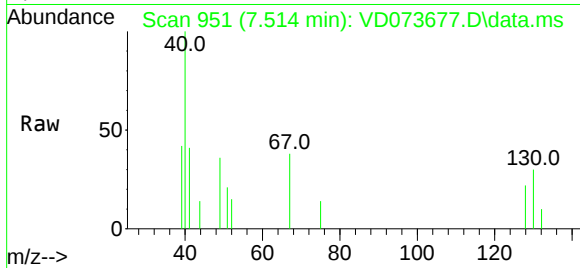
Tgt Ion: 78	Resp: 24514
Ion Ratio	Lower Upper
78 100	
77 25.0	19.0 28.4





#41
Methacrylonitrile
Concen: 2.188 ug/l
RT: 7.514 min Scan# 951
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

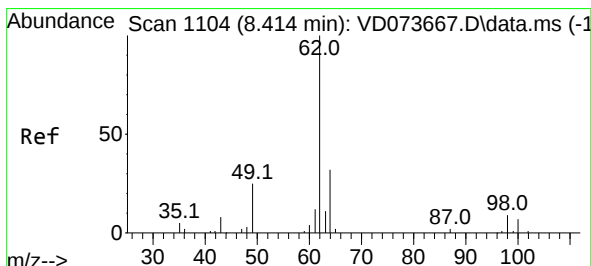
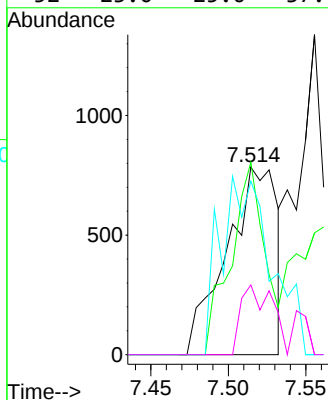
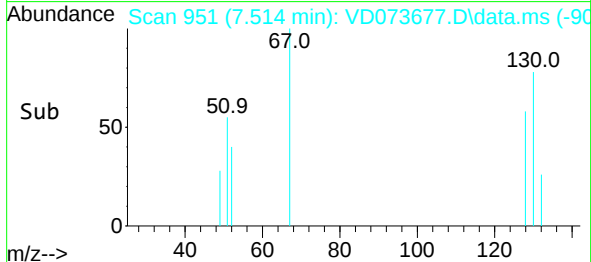
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



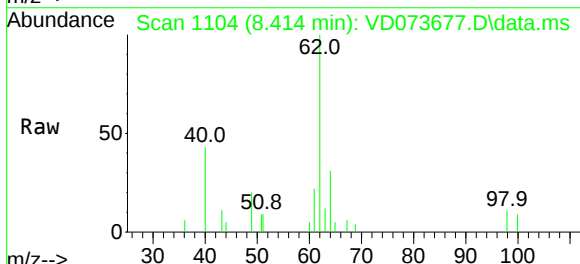
Tgt Ion: 41 Resp: 1779
Ion Ratio Lower Upper
41 100
39 69.7 42.1 63.1
67 95.3 58.6 87.8
52 23.0 25.0 37.4

Manual Integrations
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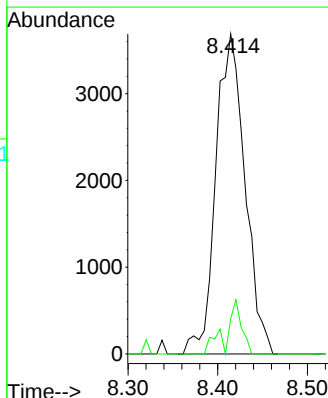
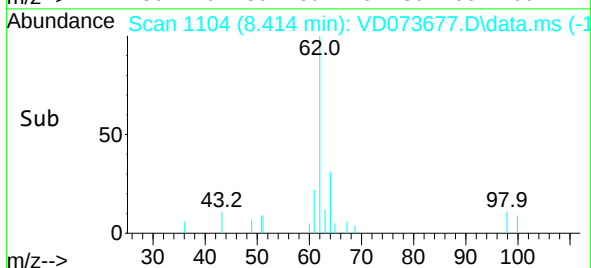
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

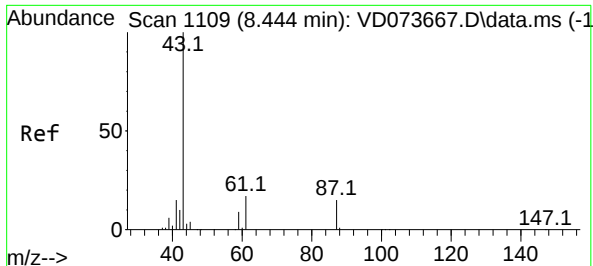


#42
1,2-Dichloroethane
Concen: 2.789 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39



Tgt Ion: 62 Resp: 8328
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.6





#43

Isopropyl Acetate

Concen: 2.466 ug/l

RT: 8.438 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

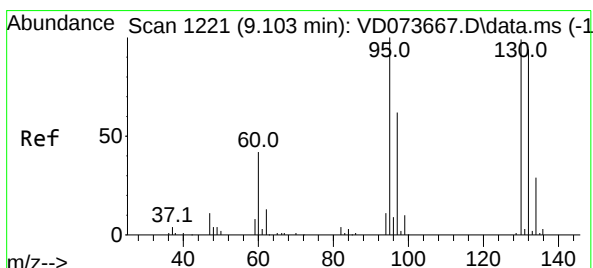
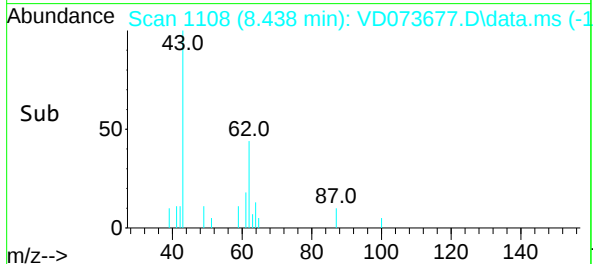
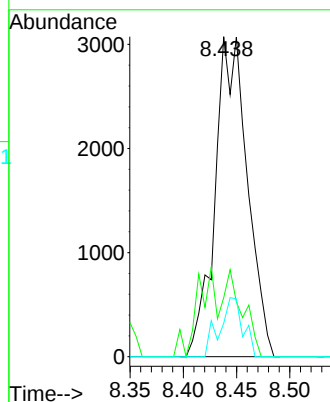
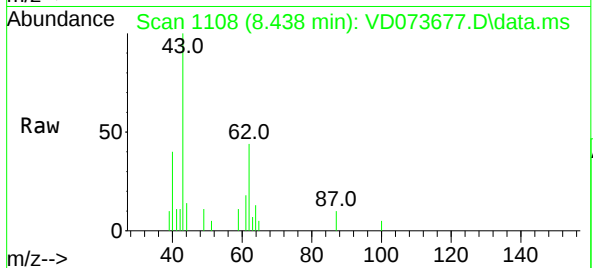
MDL-SOIL-03-QT2-2022

Tgt Ion: 43	Resp: 650
Ion Ratio	Lower Upper
43	100
61	16.3 25.4 38.0
87	13.3 11.9 17.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#44

Trichloroethene

Concen: 2.372 ug/l

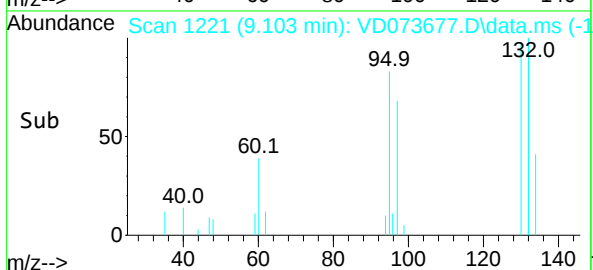
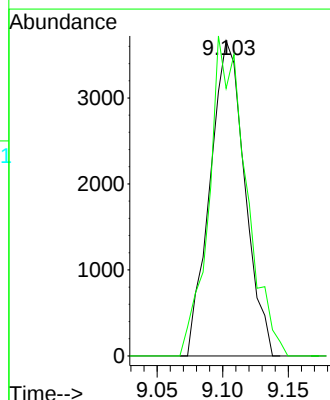
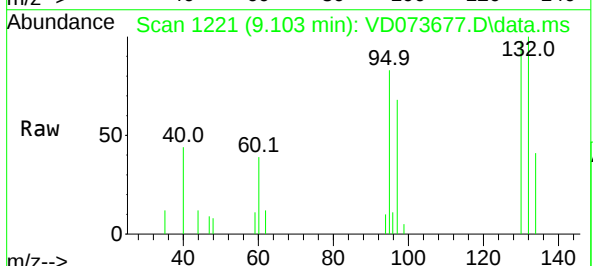
RT: 9.103 min Scan# 1221

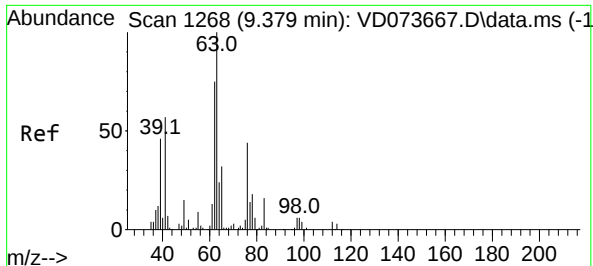
Delta R.T. 0.000 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

Tgt Ion:130	Resp: 6752
Ion Ratio	Lower Upper
130	100
95	84.9 0.0 202.8





#45

1,2-Dichloropropane

Concen: 2.376 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

Instrument :

MSVOA_D

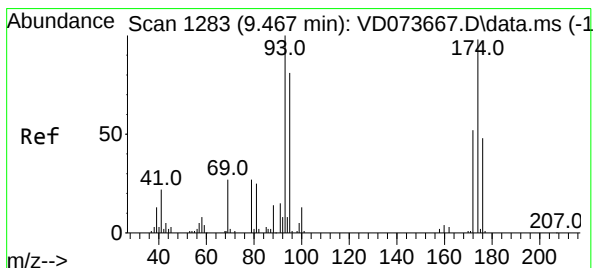
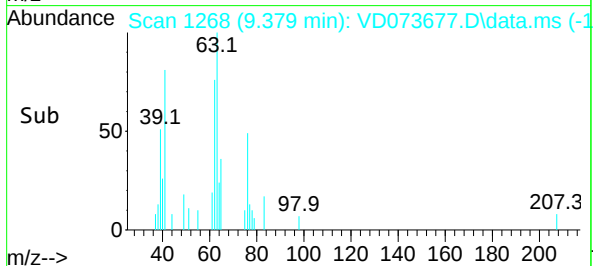
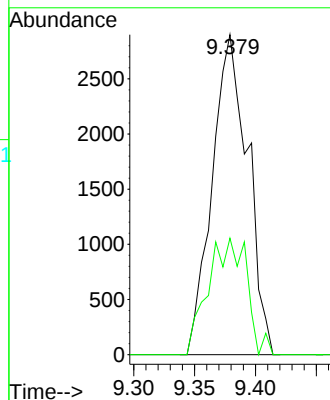
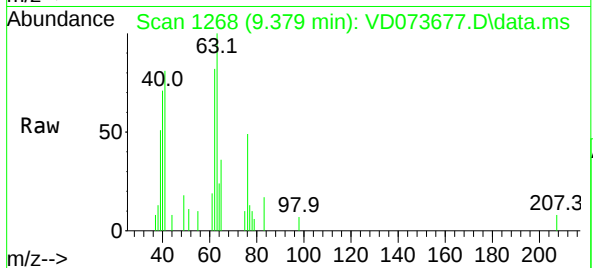
ClientSampleId :

MDL-SOIL-03-QT2-2022

Tgt Ion: 63 Resp: 5904
 Ion Ratio Lower Upper
 63 100
 65 36.4 25.5 38.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#46

Dibromomethane

Concen: 2.436 ug/l

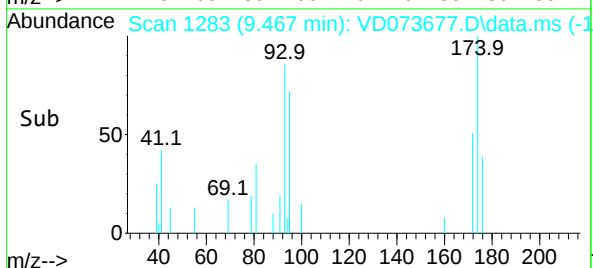
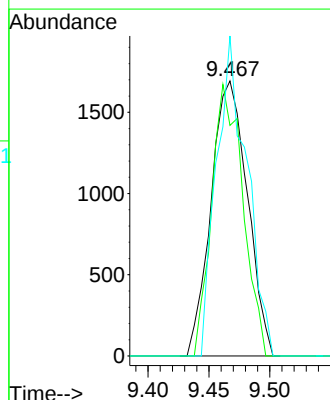
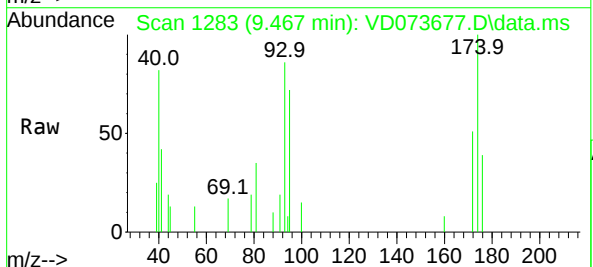
RT: 9.467 min Scan# 1283

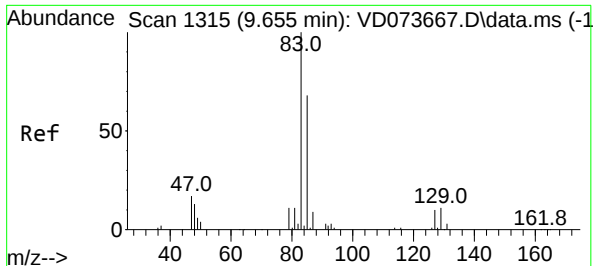
Delta R.T. 0.000 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

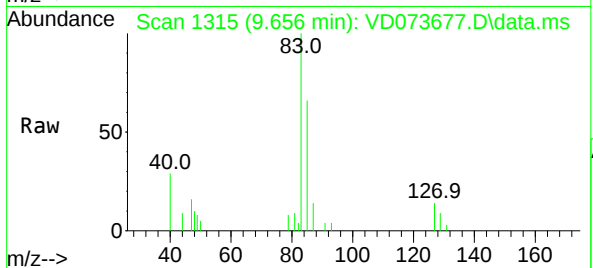
Tgt Ion: 93 Resp: 3514
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.8 101.8
 174 97.0 82.3 123.5





#47
Bromodichloromethane
Concen: 2.477 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

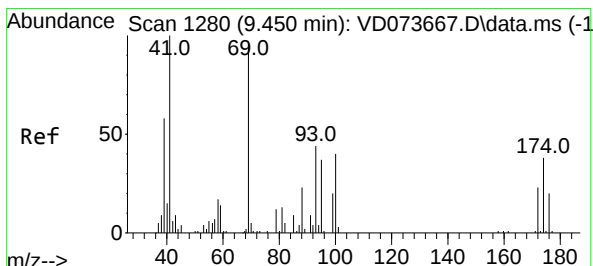
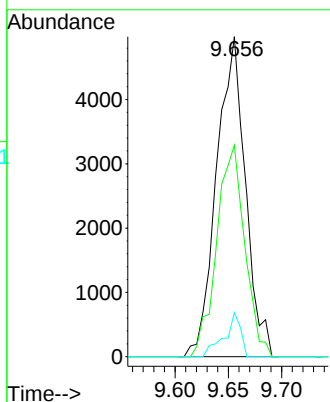
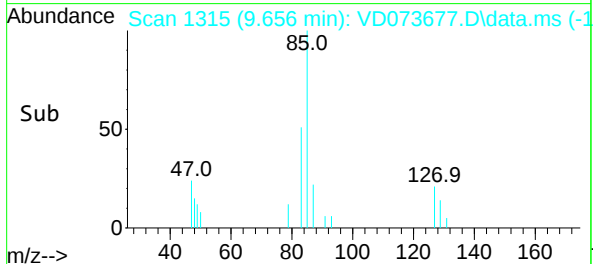
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



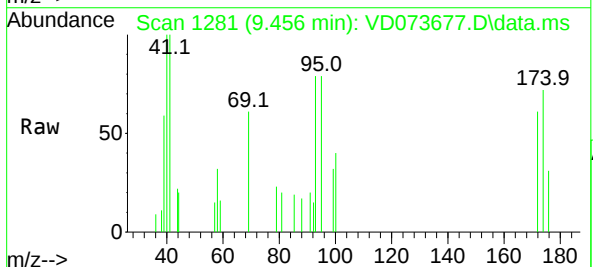
Tgt Ion: 83 Resp: 936
Ion Ratio Lower Upper
83 100
85 66.1 54.5 81.7
127 13.8 7.7 11.5

Manual Integrations
APPROVED

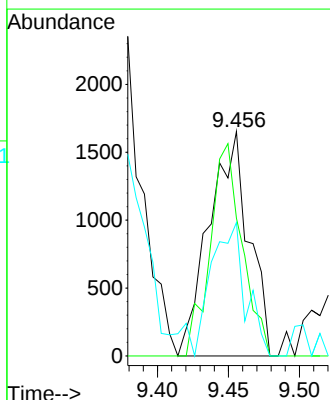
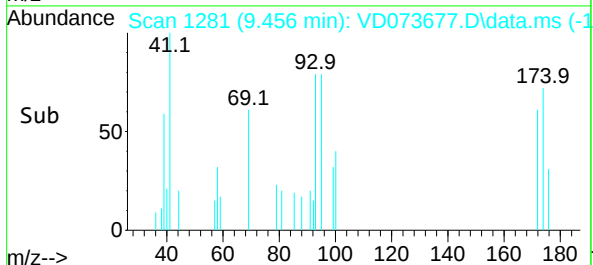
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

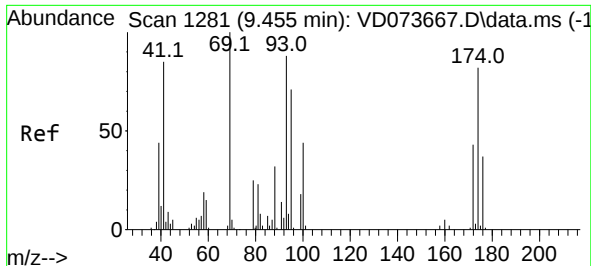


#48
Methyl methacrylate
Concen: 2.410 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39



Tgt Ion: 41 Resp: 3225
Ion Ratio Lower Upper
41 100
69 76.1 69.6 104.4
39 50.4 45.5 68.3





#49

1,4-Dioxane

Concen: 38.066 ug/l

RT: 9.444 min Scan# 1279

Delta R.T. -0.012 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

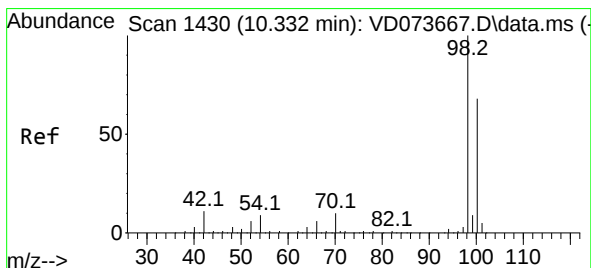
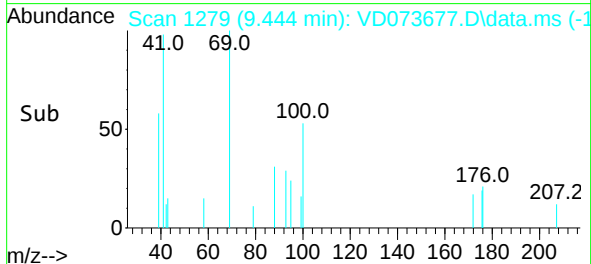
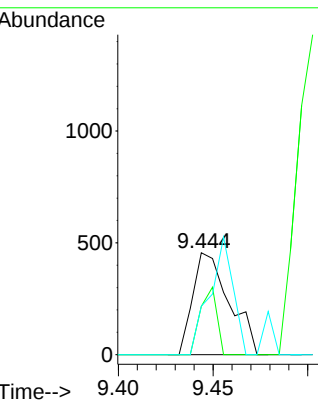
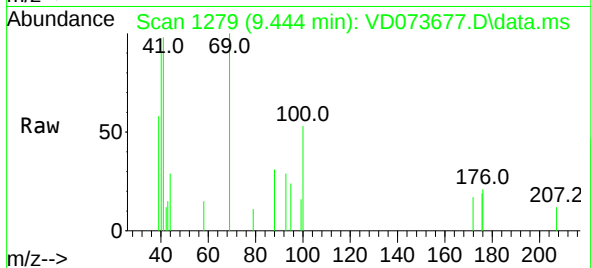
MDL-SOIL-03-QT2-2022

Tgt Ion: 88	Resp: 61
Ion Ratio	Lower Upper
88 100	
43 29.9	24.5 36.7
58 73.7	54.4 81.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#50

Toluene-d8

Concen: 45.345 ug/l

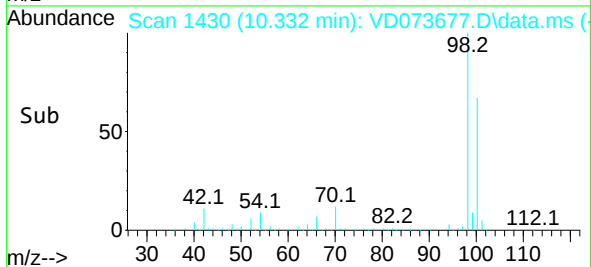
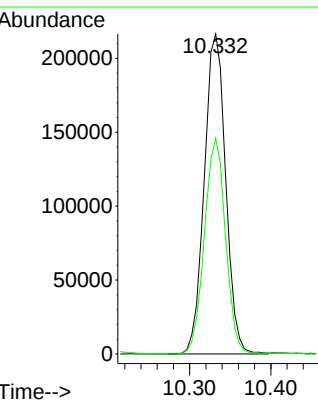
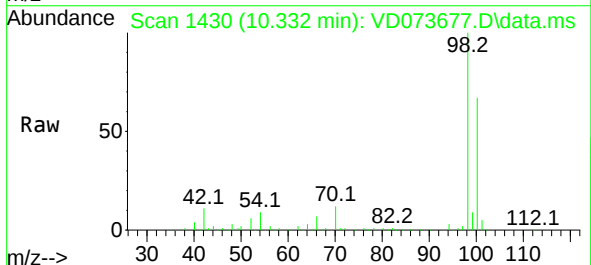
RT: 10.332 min Scan# 1430

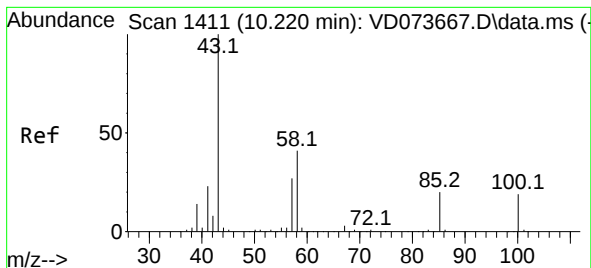
Delta R.T. 0.000 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

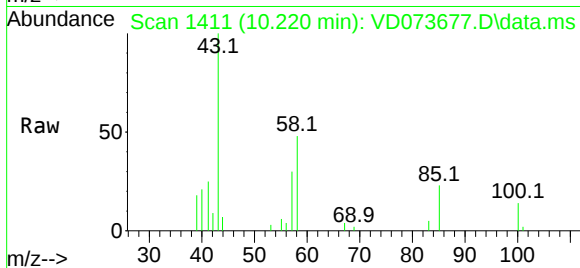
Tgt Ion: 98	Resp: 397046
Ion Ratio	Lower Upper
98 100	
100 66.8	54.0 81.0





#51
4-Methyl-2-Pentanone
Concen: 11.255 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

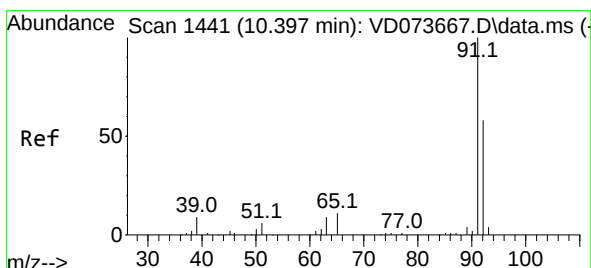
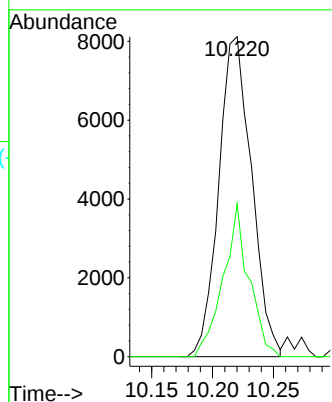
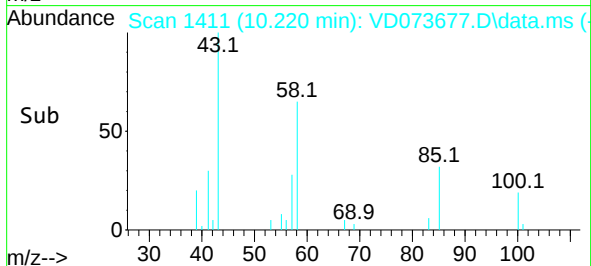
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



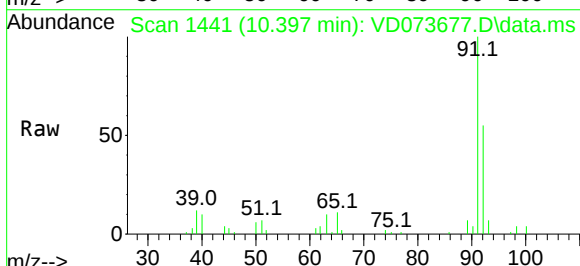
Tgt Ion: 43 Resp: 15248
Ion Ratio Lower Upper
43 100
58 37.5 32.3 48.5

Manual Integrations
APPROVED

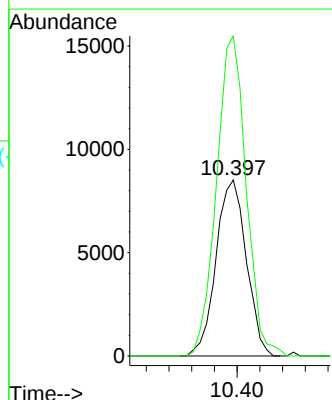
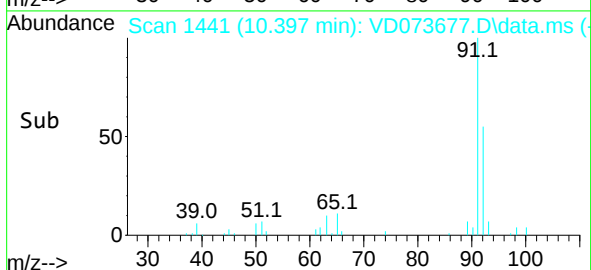
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

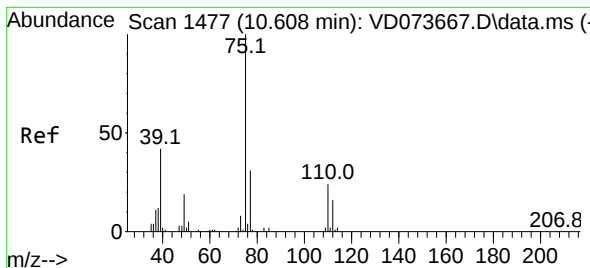


#52
Toluene
Concen: 2.425 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39



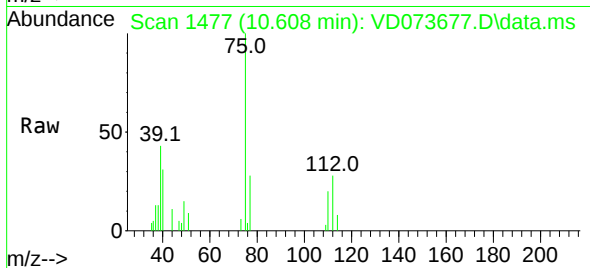
Tgt Ion: 92 Resp: 15746
Ion Ratio Lower Upper
92 100
91 178.2 136.1 204.1





#53
t-1,3-Dichloropropene
Concen: 2.328 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

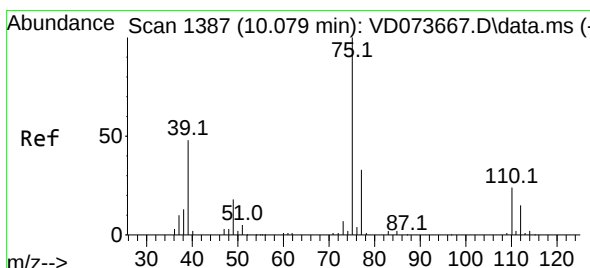
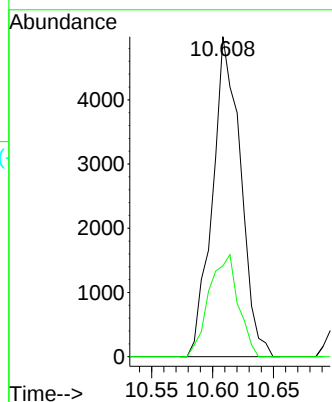
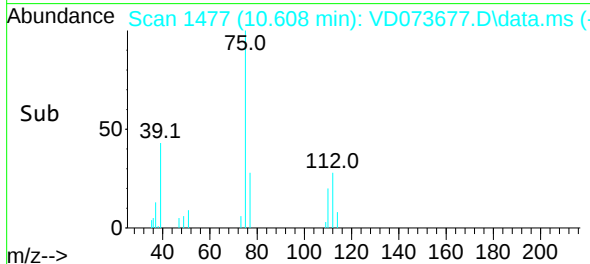
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



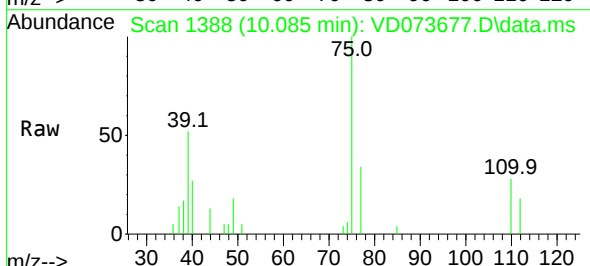
Tgt Ion: 75 Resp: 8000
Ion Ratio Lower Upper
75 100
77 28.4 24.6 37.0

Manual Integrations
APPROVED

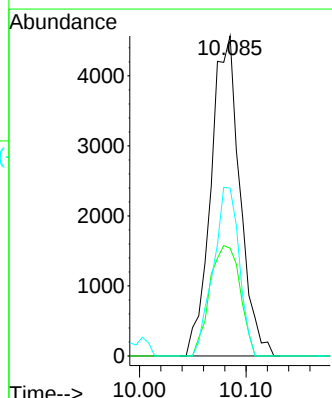
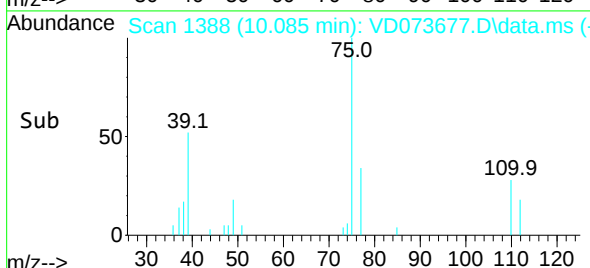
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

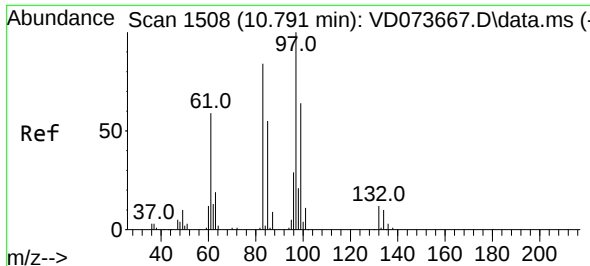


#54
cis-1,3-Dichloropropene
Concen: 2.201 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39



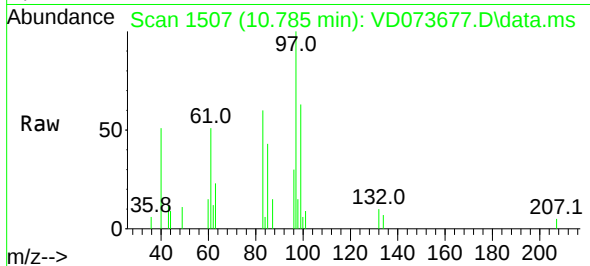
Tgt Ion: 75 Resp: 8618
Ion Ratio Lower Upper
75 100
77 33.6 26.2 39.2
39 52.5 38.0 57.0





#55
1,1,2-Trichloroethane
Concen: 2.437 ug/l
RT: 10.785 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

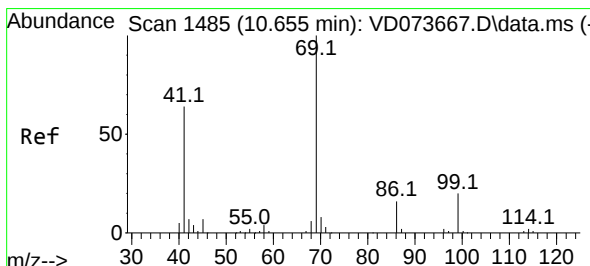
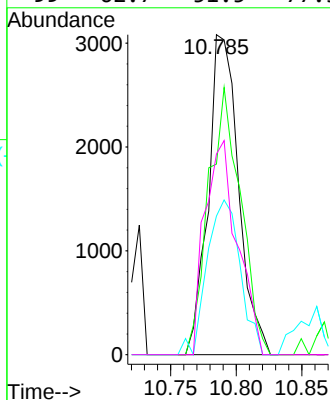
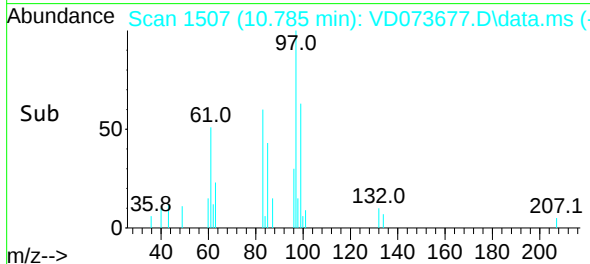
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022



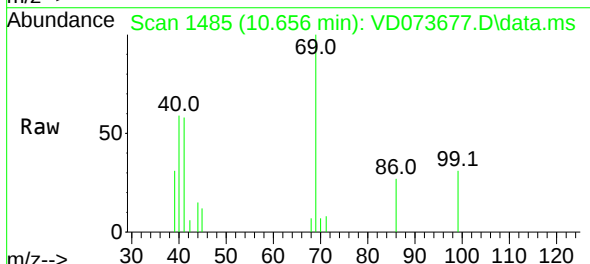
Tgt Ion: 97 Resp: 495
Ion Ratio Lower Upper
97 100
83 59.6 67.1 100.7
85 43.3 44.0 66.0
99 62.7 51.5 77.3

Manual Integrations
APPROVED

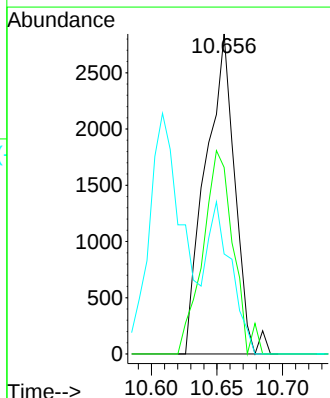
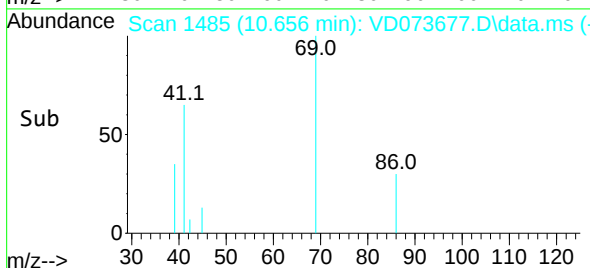
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

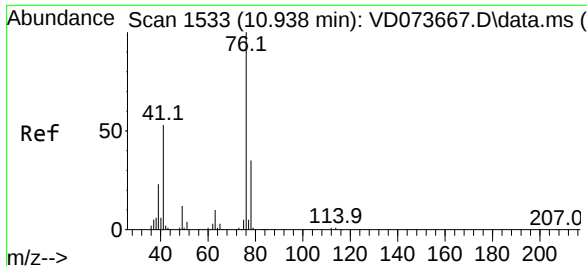


#56
Ethyl methacrylate
Concen: 1.925 ug/l
RT: 10.656 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39



Tgt Ion: 69 Resp: 4410
Ion Ratio Lower Upper
69 100
41 66.2 51.6 77.4
39 37.8 29.2 43.8





#57

1,3-Dichloropropane

Concen: 2.209 ug/l

RT: 10.932 min Scan# 1532

Delta R.T. -0.006 min

Lab File: VD073677.D

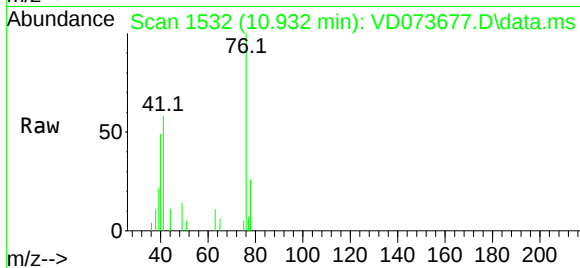
Acq: 23 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2022



Tgt Ion: 76 Resp: 7400

Ion Ratio Lower Upper

76 100

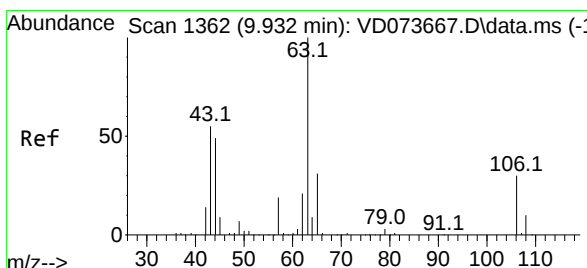
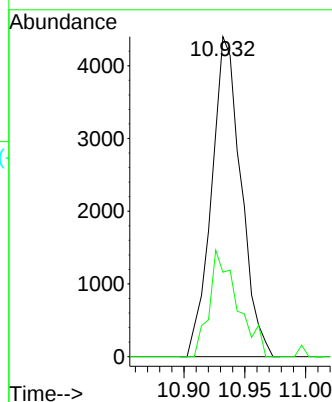
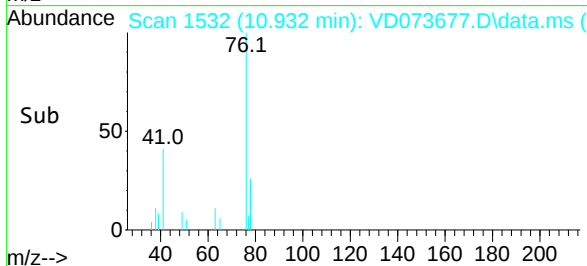
78 31.7 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022

Supervised By :Mahesh Dadoda 06/30/2022



#58

2-Chloroethyl Vinyl ether

Concen: 12.100 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073677.D

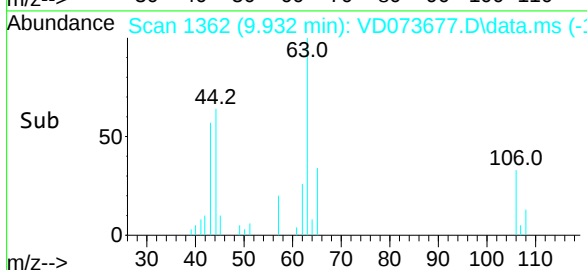
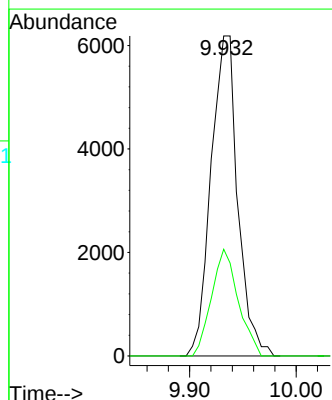
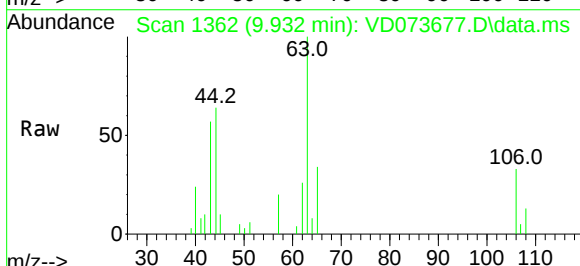
Acq: 23 Jun 2022 20:39

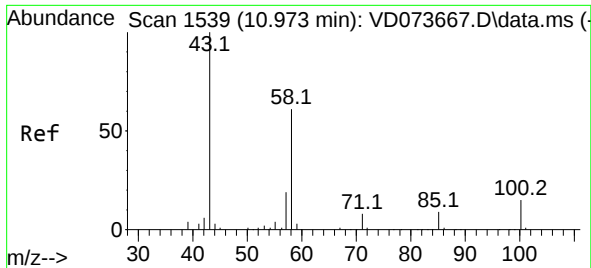
Tgt Ion: 63 Resp: 10760

Ion Ratio Lower Upper

63 100

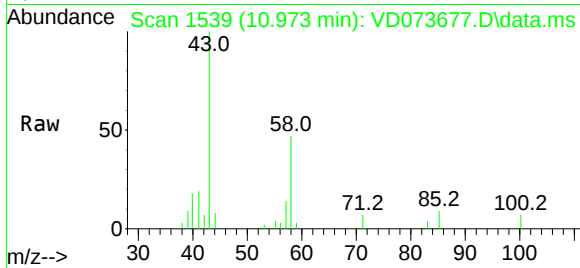
106 33.3 25.2 37.8





#59
2-Hexanone
Concen: 11.334 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

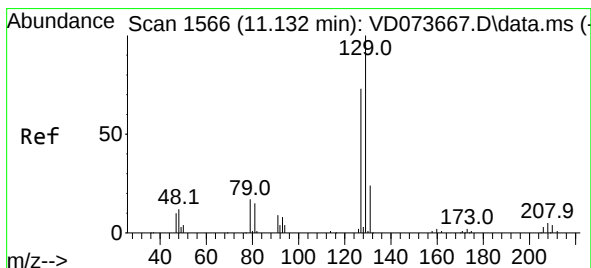
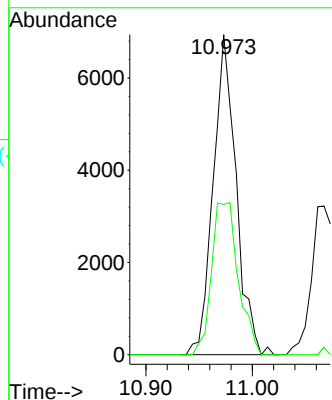
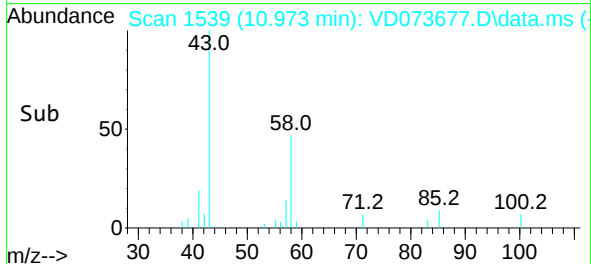
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



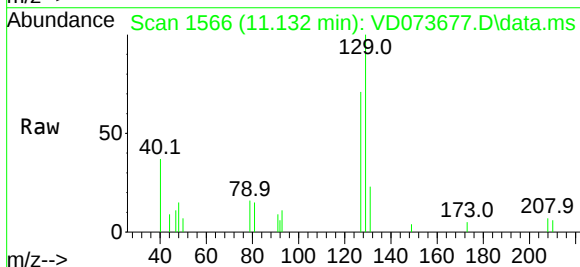
Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
58 55.5 28.8 86.4

Manual Integrations
APPROVED

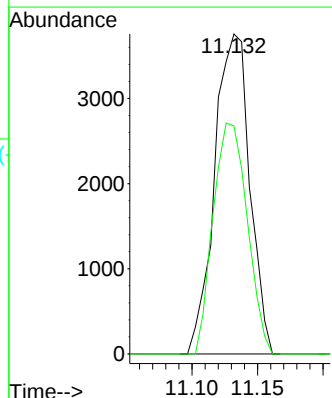
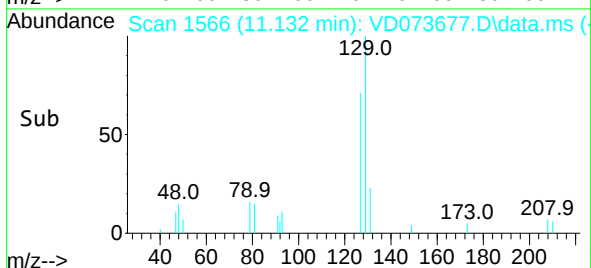
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

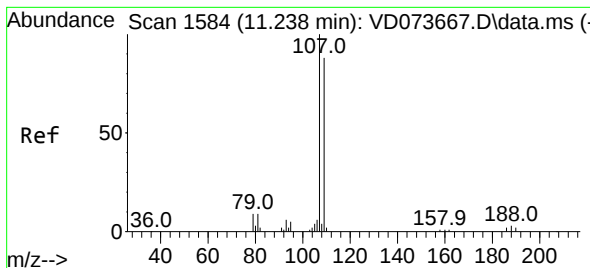


#60
Dibromochloromethane
Concen: 2.609 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39



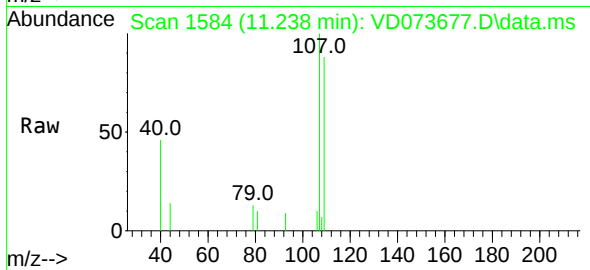
Tgt Ion:129 Resp: 6991
Ion Ratio Lower Upper
129 100
127 70.2 36.8 110.4





#61
1,2-Dibromoethane
Concen: 2.672 ug/l
RT: 11.238 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

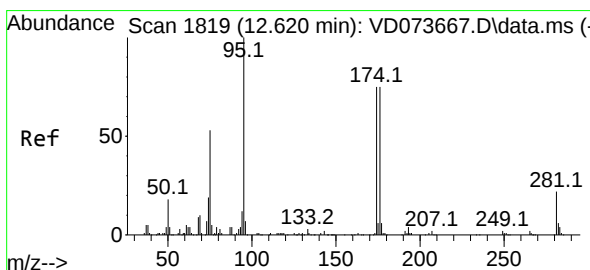
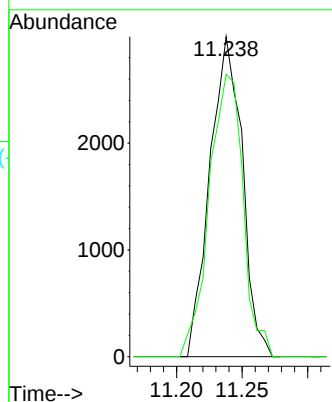
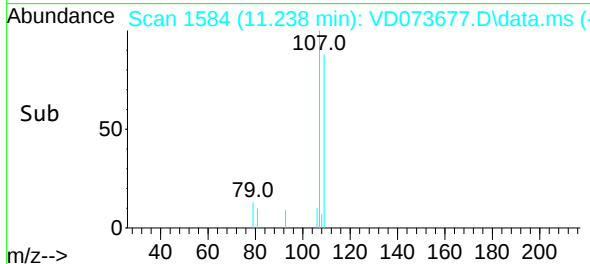
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



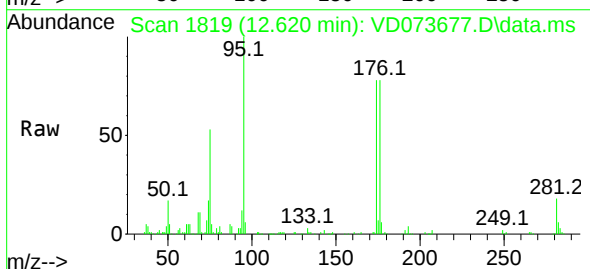
Tgt Ion:107 Resp: 514
Ion Ratio Lower Upper
107 100
109 92.3 73.8 110.8

Manual Integrations
APPROVED

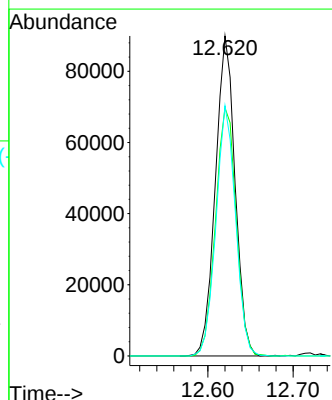
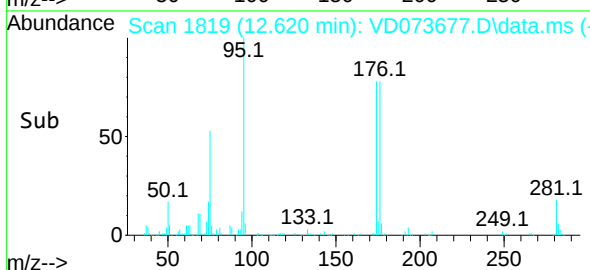
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

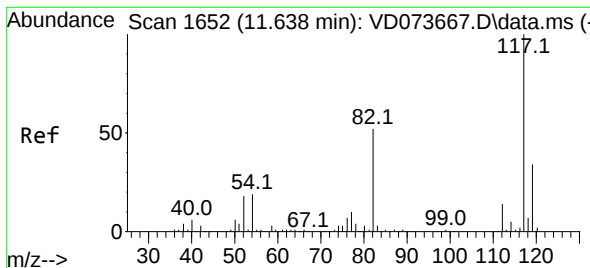


#62
4-Bromofluorobenzene
Concen: 43.941 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39



Tgt Ion: 95 Resp: 144303
Ion Ratio Lower Upper
95 100
174 81.4 0.0 158.4
176 77.7 0.0 154.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 117

Delta R.T. -0.006 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

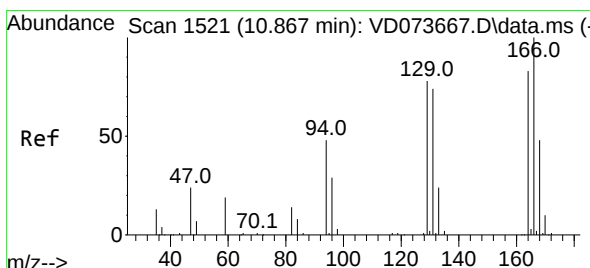
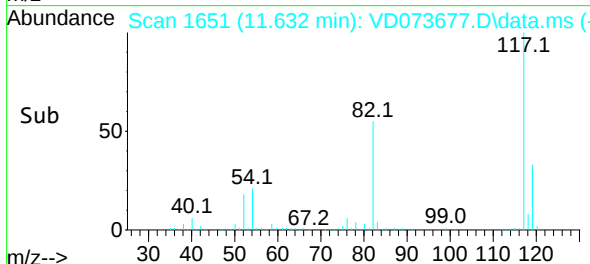
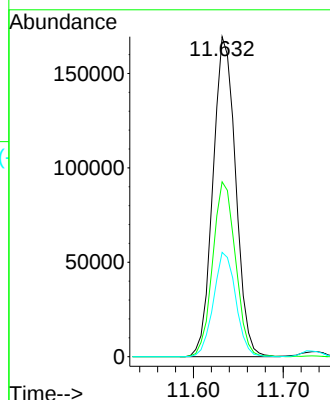
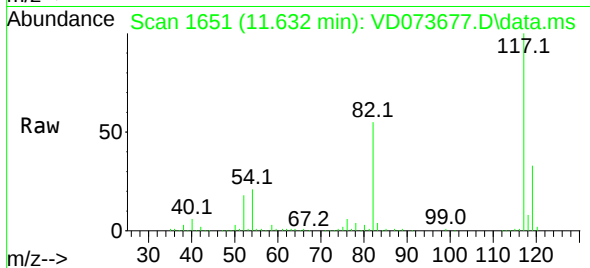
MDL-SOIL-03-QT2-2022

Tgt Ion:117 Resp: 29774

Ion	Ratio	Lower	Upper
117	100		
82	54.6	41.5	62.3
119	32.6	27.1	40.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#64

Tetrachloroethene

Concen: 3.012 ug/l

RT: 10.867 min Scan# 1521

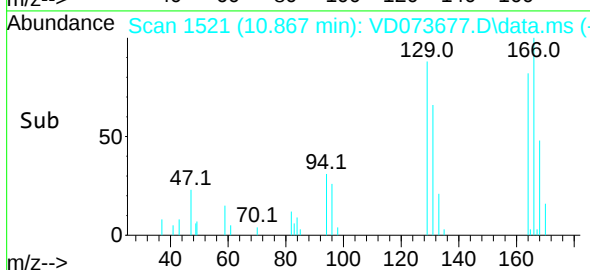
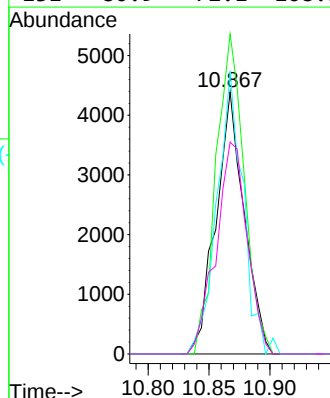
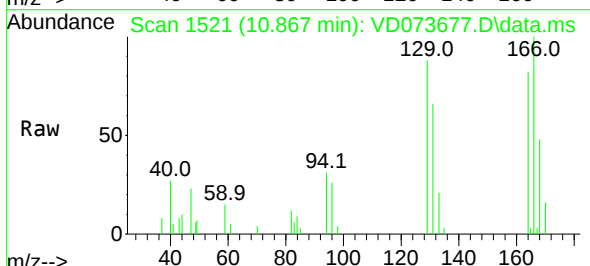
Delta R.T. 0.000 min

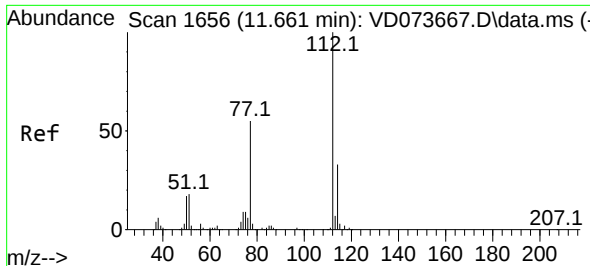
Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

Tgt Ion:164 Resp: 7100

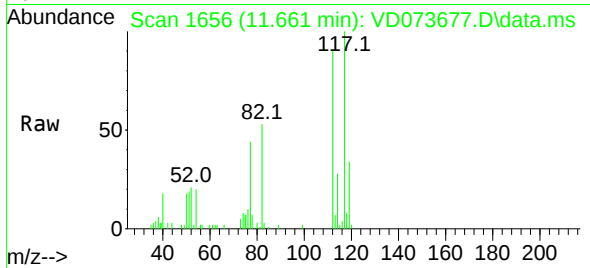
Ion	Ratio	Lower	Upper
164	100		
166	122.1	97.0	145.4
129	107.9	75.2	112.8
131	80.9	72.1	108.1





#65
Chlorobenzene
Concen: 2.658 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

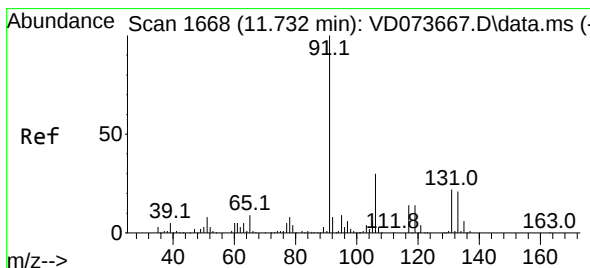
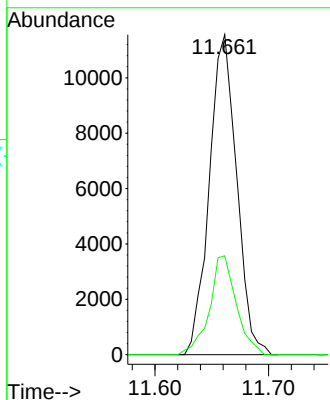
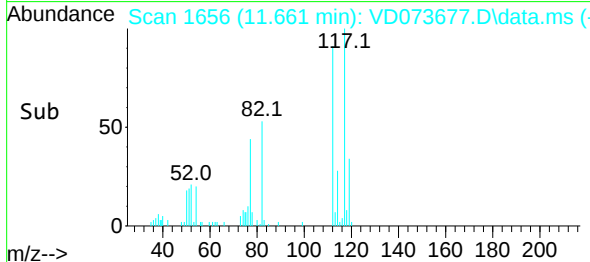
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion:112 Resp: 1937
Ion Ratio Lower Upper
112 100
114 30.9 26.6 39.8

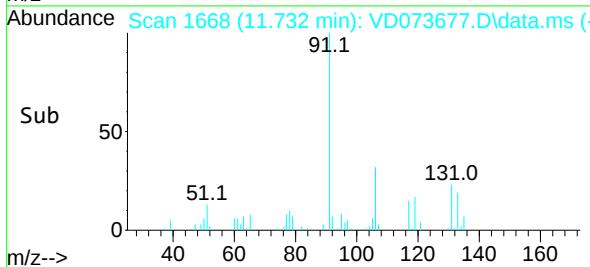
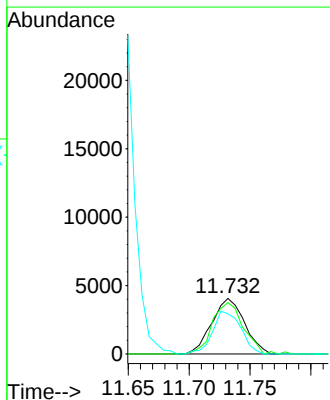
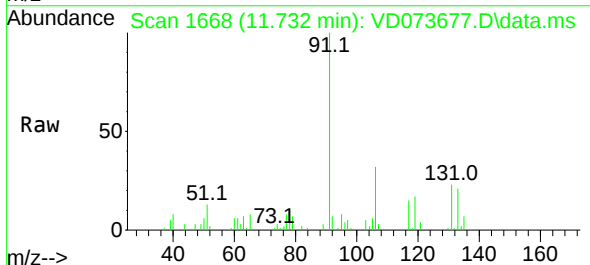
Manual Integrations
APPROVED

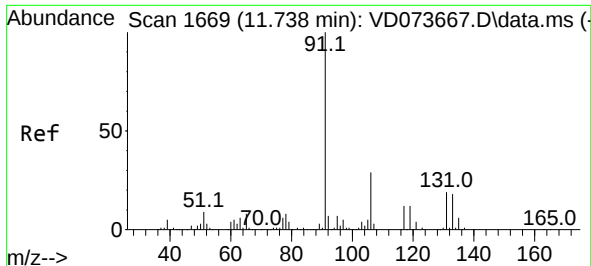
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 2.584 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

Tgt Ion:131 Resp: 7566
Ion Ratio Lower Upper
131 100
133 88.5 47.1 141.4
119 66.5 31.4 94.3





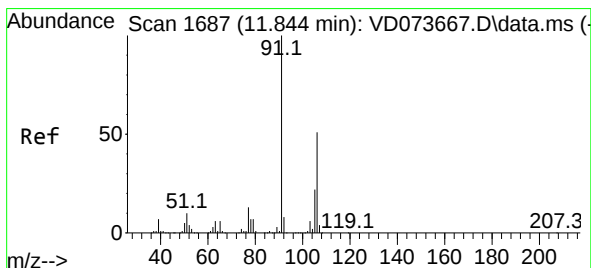
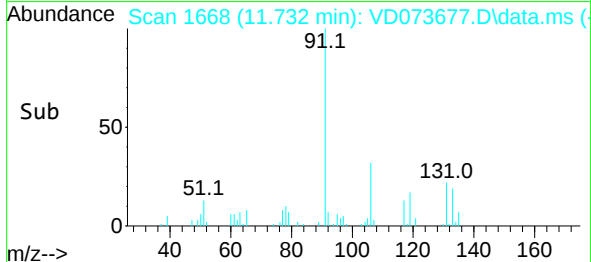
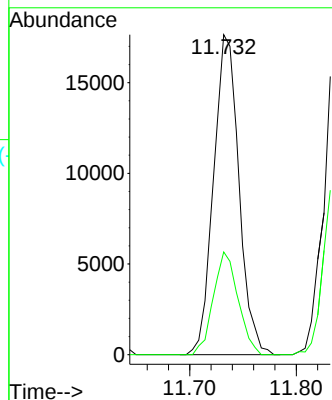
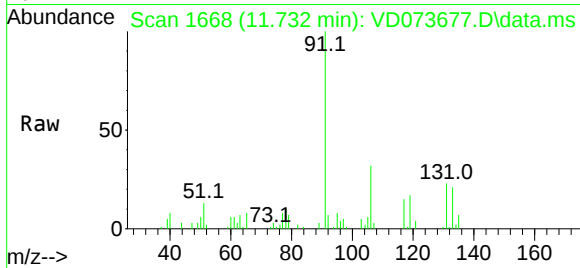
#67
Ethyl Benzene
Concen: 2.295 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

Tgt Ion: 91 Resp: 2918
Ion Ratio Lower Upper
91 100
106 32.1 23.5 35.3

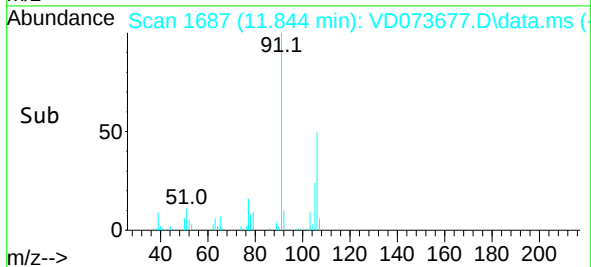
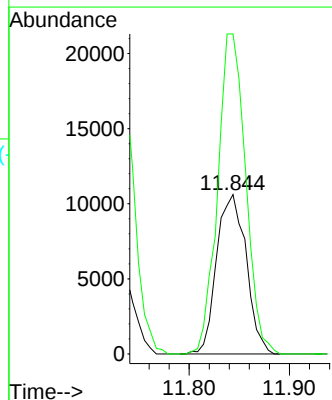
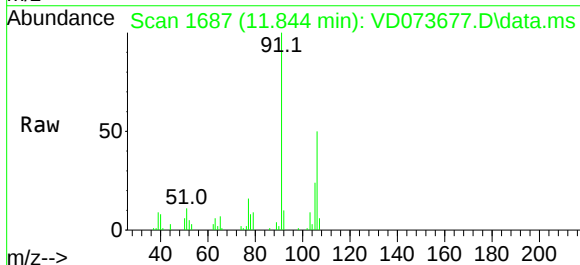
Manual Integrations
APPROVED

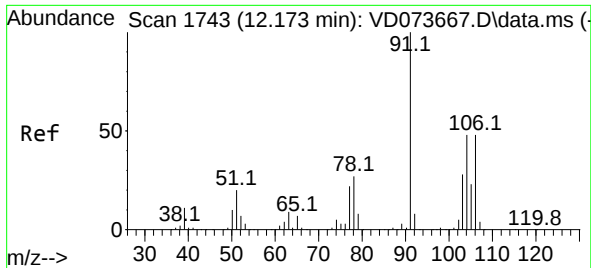
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#68
m/p-Xylenes
Concen: 4.409 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

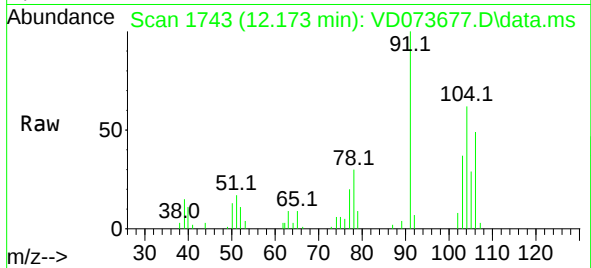
Tgt Ion:106 Resp: 21667
Ion Ratio Lower Upper
106 100
91 190.5 161.4 242.2





#69
o-Xylene
Concen: 2.108 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

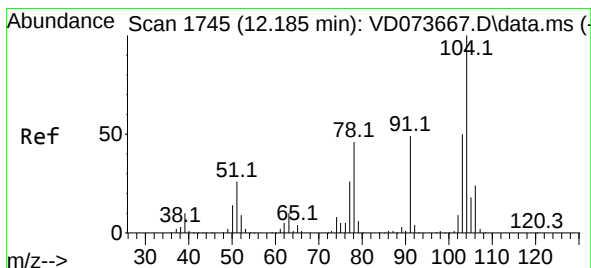
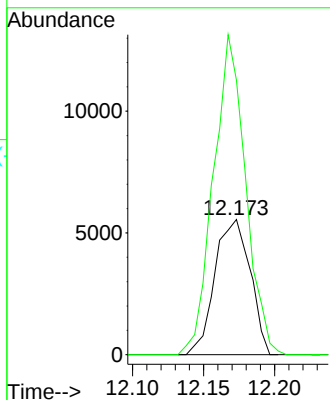
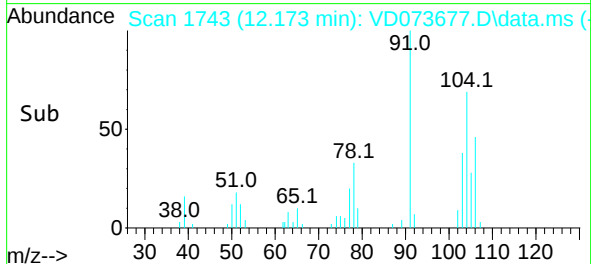
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022



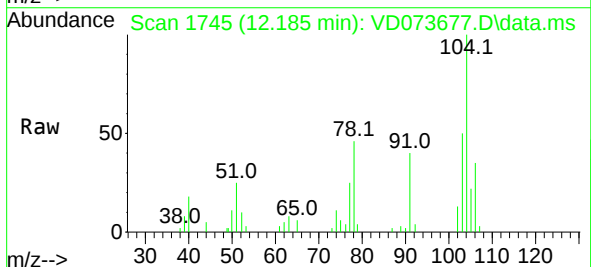
Tgt Ion:106 Resp: 9610
Ion Ratio Lower Upper
106 100
91 215.7 107.6 322.8

Manual Integrations
APPROVED

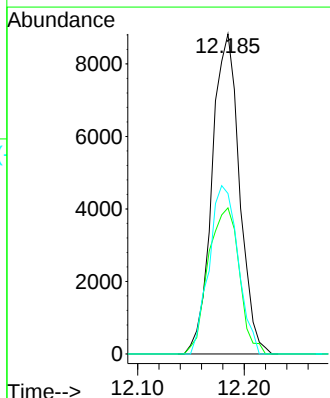
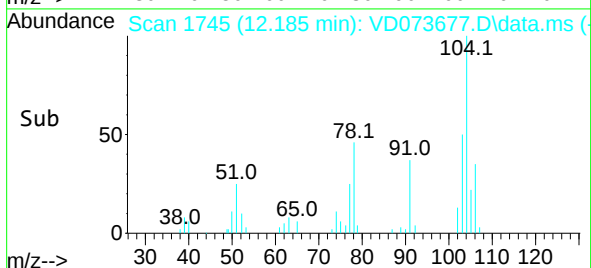
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

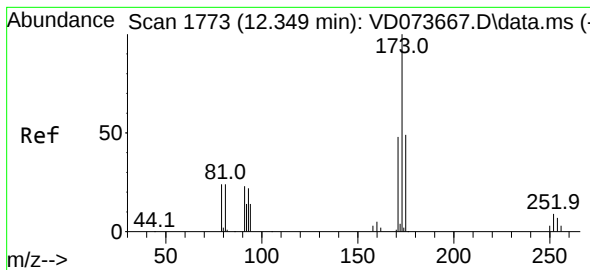


#70
Styrene
Concen: 1.981 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39



Tgt Ion:104 Resp: 15799
Ion Ratio Lower Upper
104 100
78 51.6 39.8 59.8
103 55.5 43.3 64.9





#71

Bromoform

Concen: 2.299 ug/l

RT: 12.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

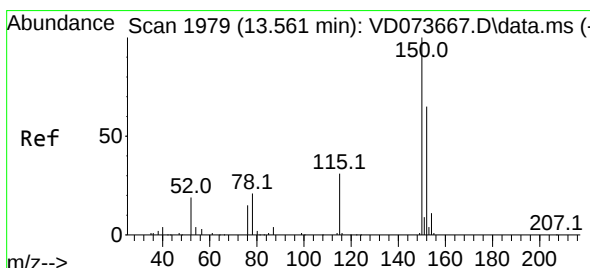
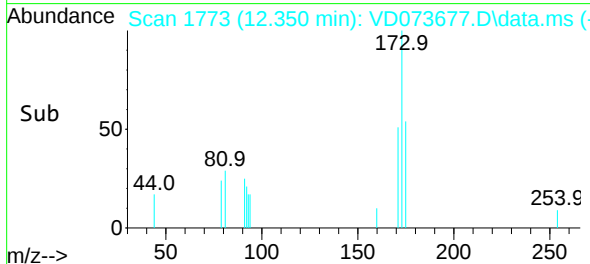
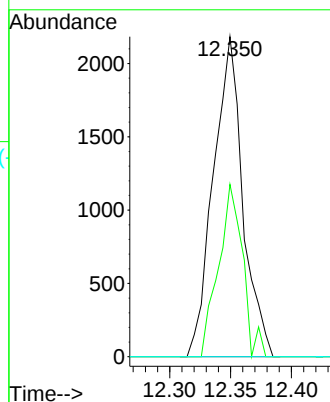
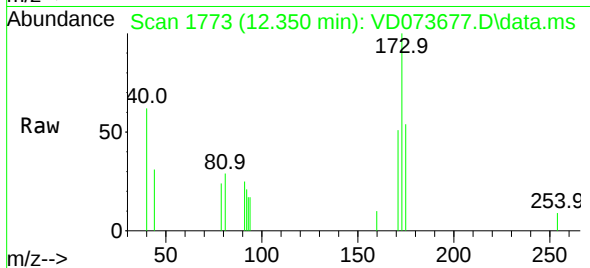
MDL-SOIL-03-QT2-2022

Tgt Ion:173	Resp:	3664
Ion Ratio	Lower	Upper
173	100	
175	44.1	24.0 72.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

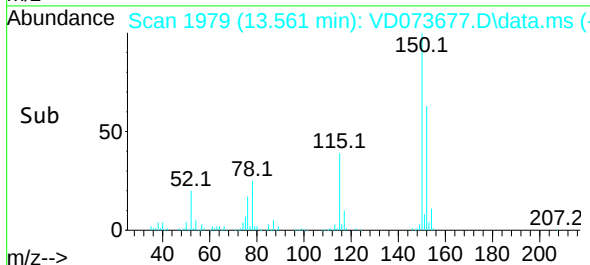
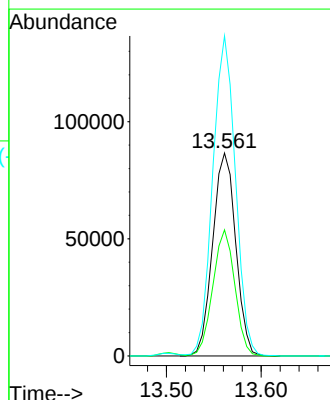
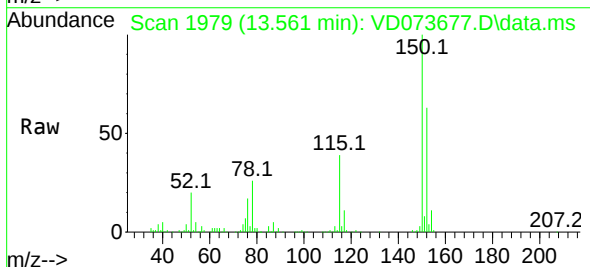
RT: 13.561 min Scan# 1979

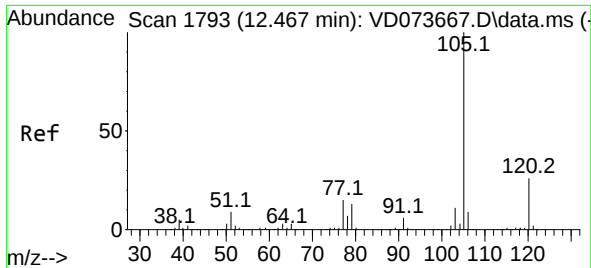
Delta R.T. 0.000 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

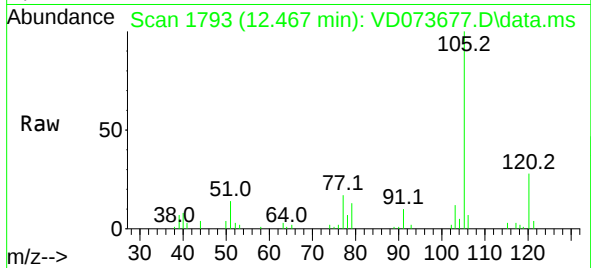
Tgt Ion:152	Resp:	146432
Ion Ratio	Lower	Upper
152	100	
115	59.4	30.6 91.6
150	155.6	0.0 355.0





#73
Isopropylbenzene
Concen: 2.145 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

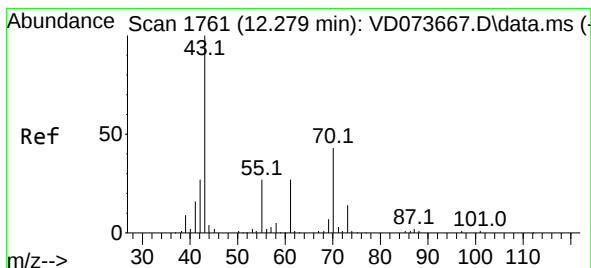
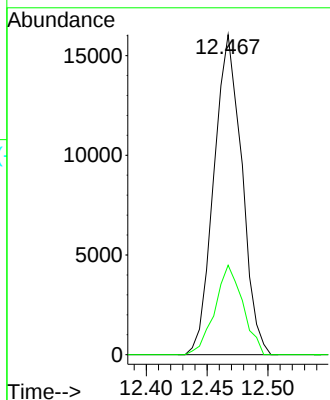
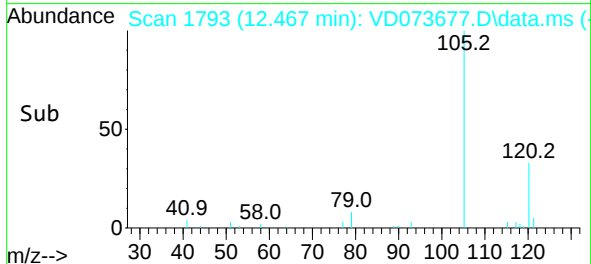
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion:105 Resp: 2565
Ion Ratio Lower Upper
105 100
120 28.0 13.2 39.6

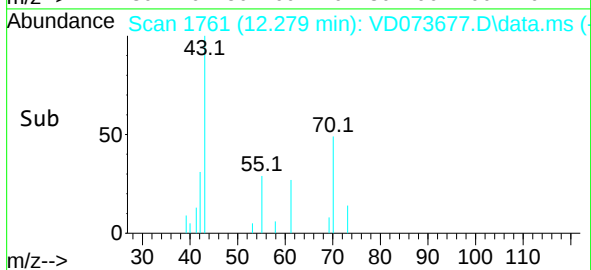
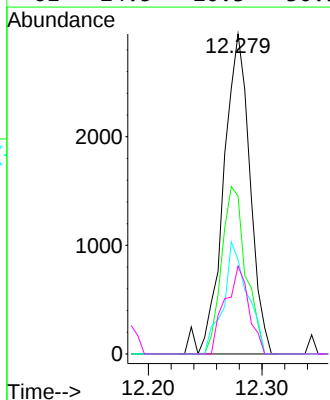
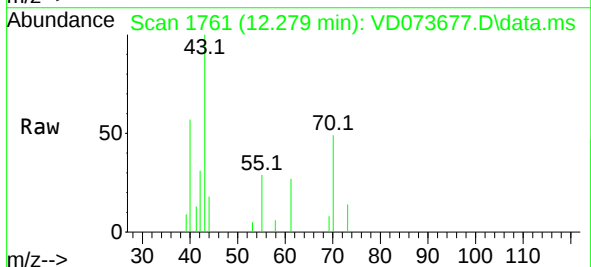
Manual Integrations
APPROVED

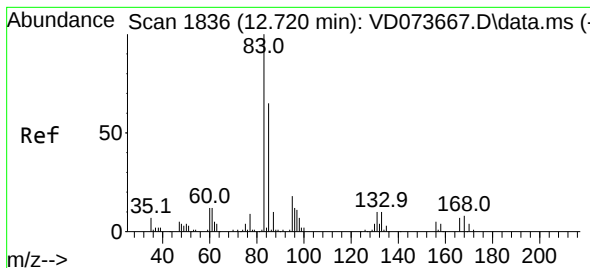
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#74
N-ethyl acetate
Concen: 1.957 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

Tgt Ion: 43 Resp: 4787
Ion Ratio Lower Upper
43 100
70 47.7 35.0 52.6
55 31.6 21.0 31.4#
61 24.5 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 2.587 ug/l

RT: 12.714 min Scan# 1835

Delta R.T. -0.006 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

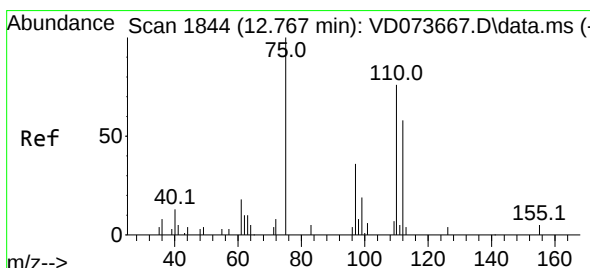
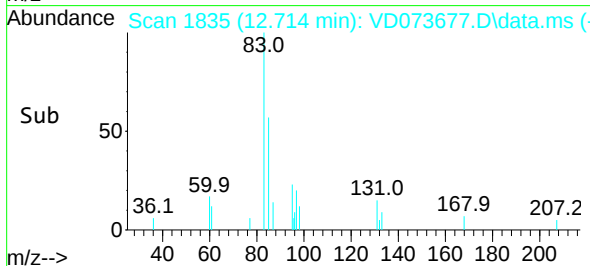
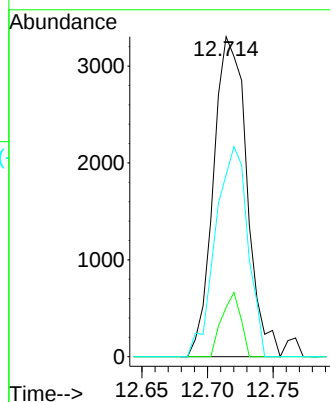
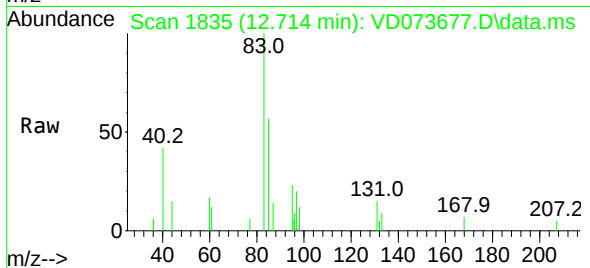
MDL-SOIL-03-QT2-2022

Tgt Ion: 83	Resp: 583
Ion Ratio	Lower Upper
83	100
131	11.3 5.5 16.7
85	63.6 32.3 96.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#76

1,2,3-Trichloropropane

Concen: 2.950 ug/l m

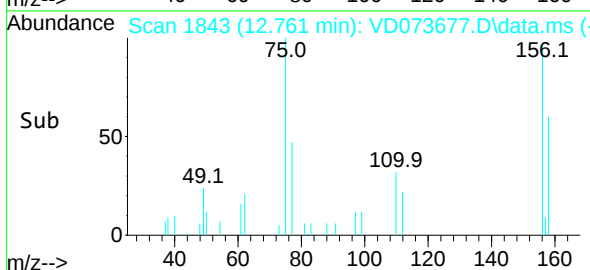
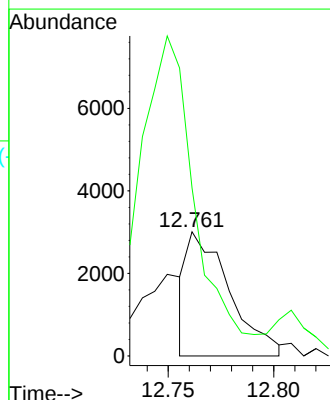
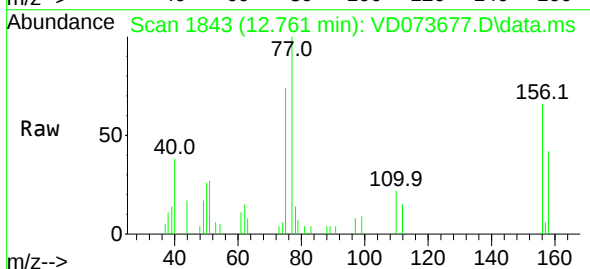
RT: 12.761 min Scan# 1843

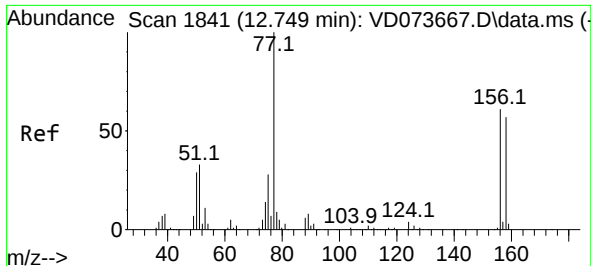
Delta R.T. -0.006 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

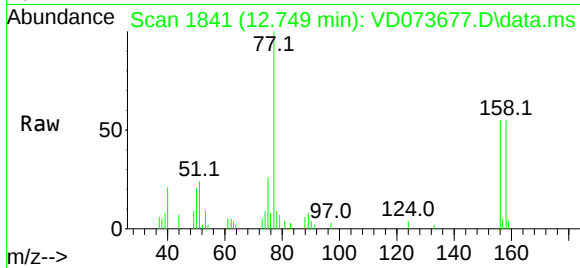
Tgt Ion: 75	Resp: 4204
Ion Ratio	Lower Upper
75	100
77	343.4 195.3 586.0





#77
Bromobenzene
Concen: 2.556 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

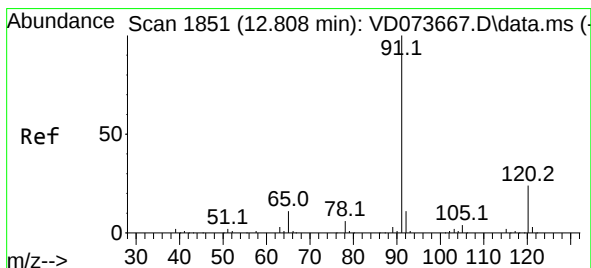
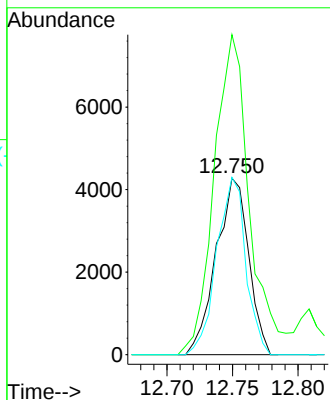
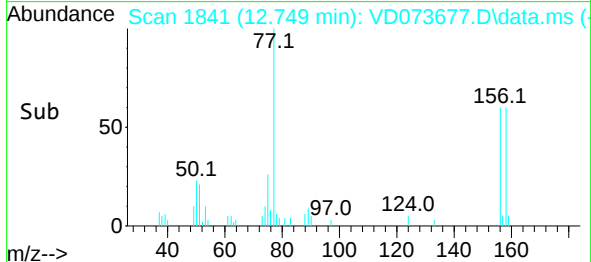
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



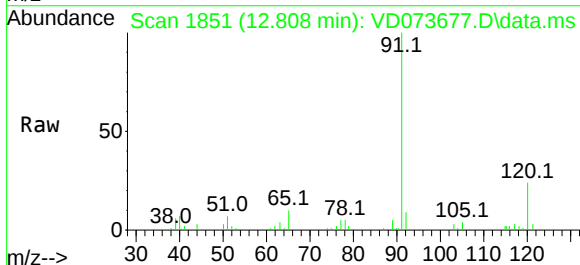
Tgt Ion:156 Resp: 7350
Ion Ratio Lower Upper
156 100
77 196.4 90.9 272.7
158 90.1 48.4 145.2

Manual Integrations
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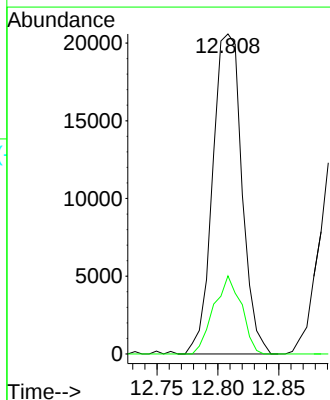
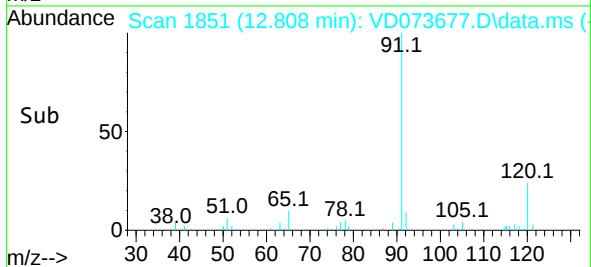
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

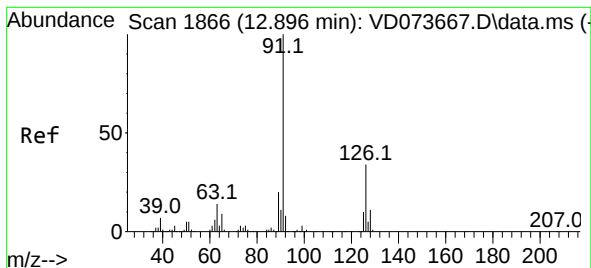


#78
n-propylbenzene
Concen: 2.352 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39



Tgt Ion: 91 Resp: 34372
Ion Ratio Lower Upper
91 100
120 23.0 11.8 35.3





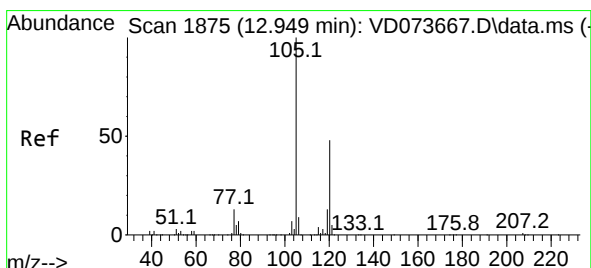
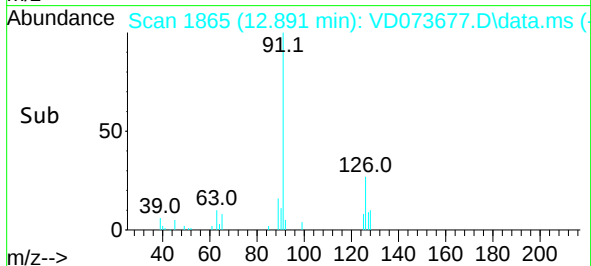
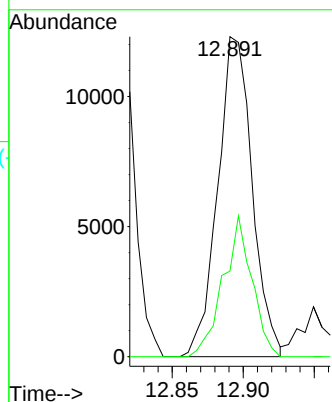
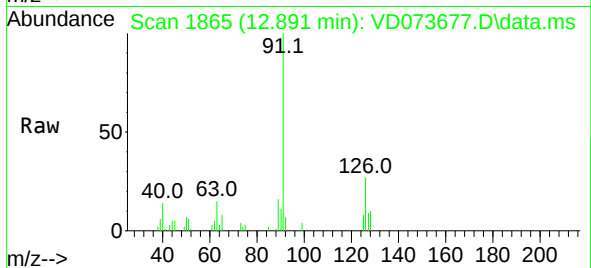
#79
2-Chlorotoluene
Concen: 2.442 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

Tgt Ion: 91 Resp: 20789
Ion Ratio Lower Upper
91 100
126 36.6 17.4 52.3

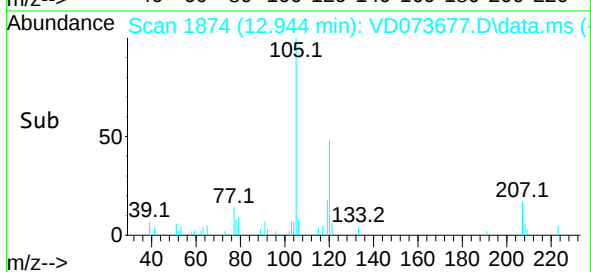
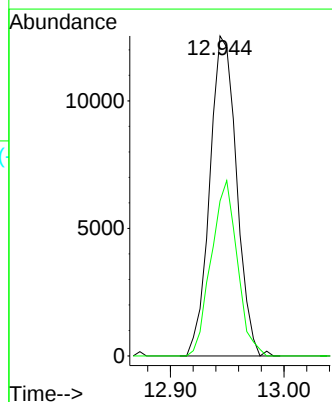
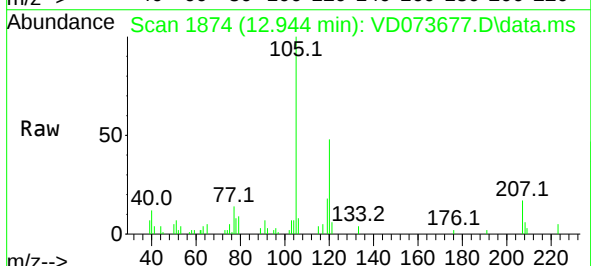
Manual Integrations
APPROVED

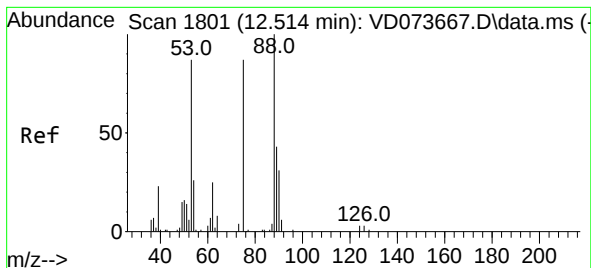
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 2.006 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

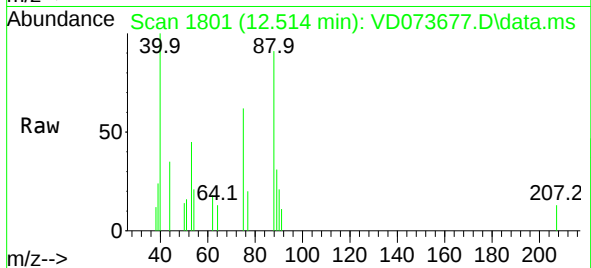
Tgt Ion:105 Resp: 20563
Ion Ratio Lower Upper
105 100
120 53.3 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 1.963 ug/l m
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

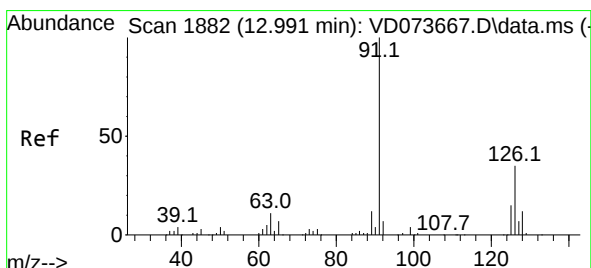
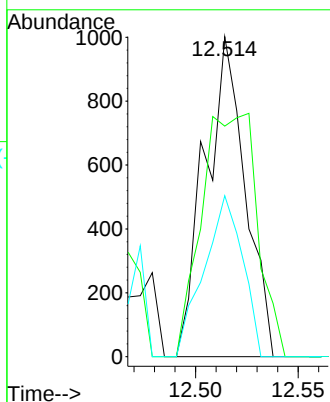
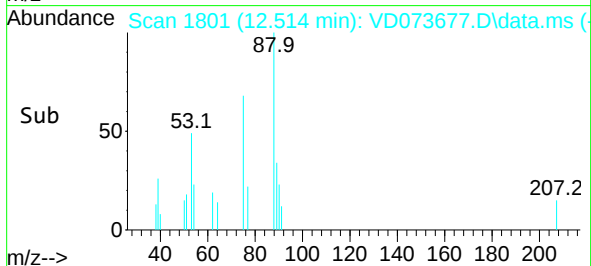
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



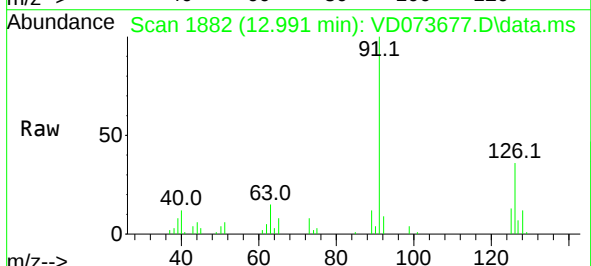
Tgt Ion: 75 Resp: 1370
Ion Ratio Lower Upper
75 100
53 0.0 77.0 115.6
89 9.6 37.8 56.8

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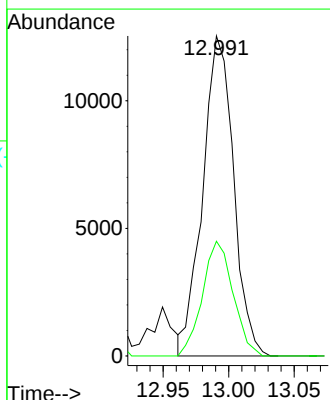
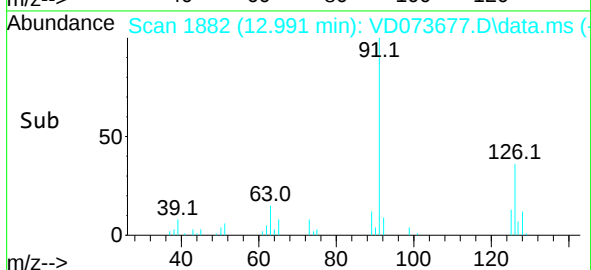
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

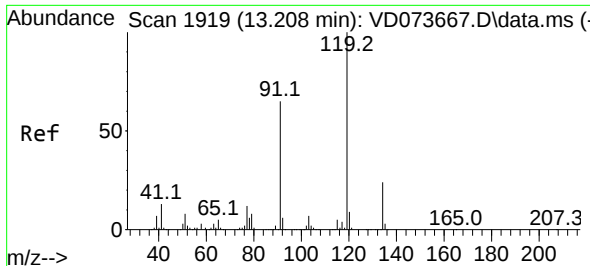


#82
4-Chlorotoluene
Concen: 2.263 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39



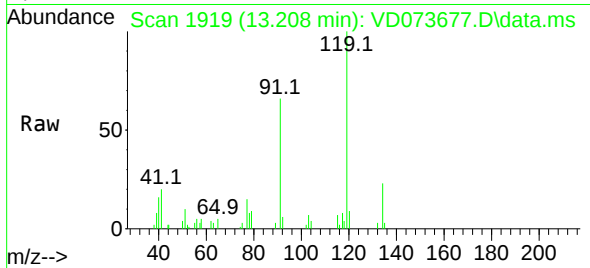
Tgt Ion: 91 Resp: 20481
Ion Ratio Lower Upper
91 100
126 35.6 16.8 50.4





#83
tert-Butylbenzene
Concen: 2.045 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

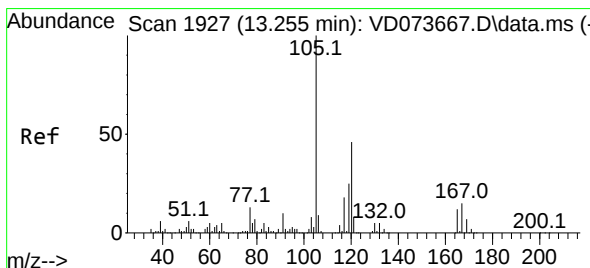
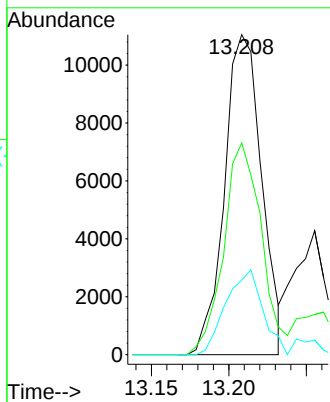
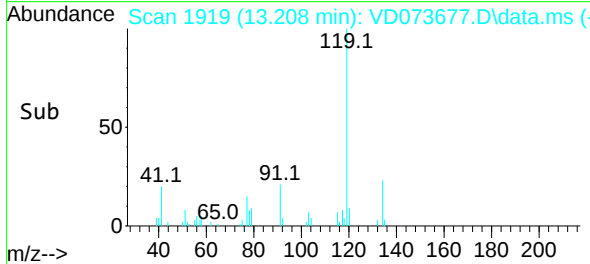
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



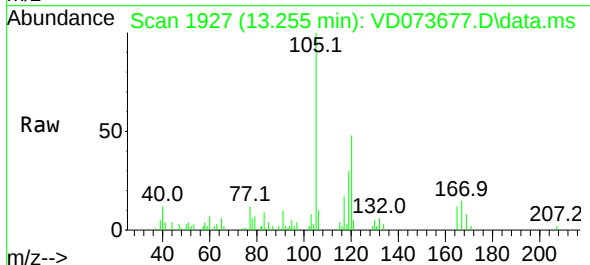
Tgt Ion:119 Resp: 1843
Ion Ratio Lower Upper
119 100
91 67.2 32.1 96.5
134 26.2 12.4 37.4

Manual Integrations
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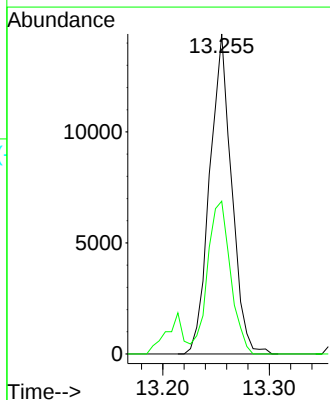
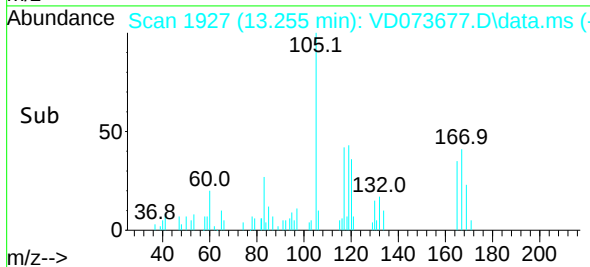
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

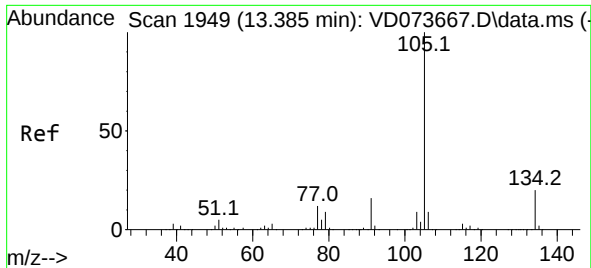


#84
1,2,4-Trimethylbenzene
Concen: 2.043 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39



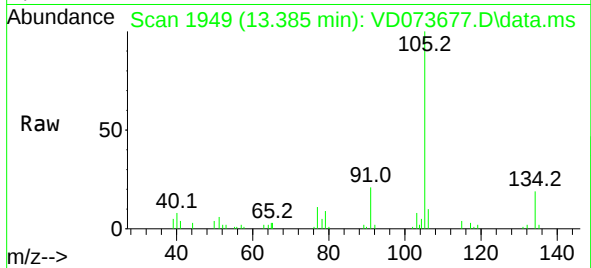
Tgt Ion:105 Resp: 20576
Ion Ratio Lower Upper
105 100
120 50.0 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 2.126 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VD073677.D
 Acq: 23 Jun 2022 20:39

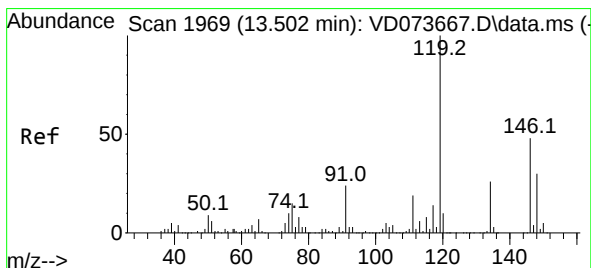
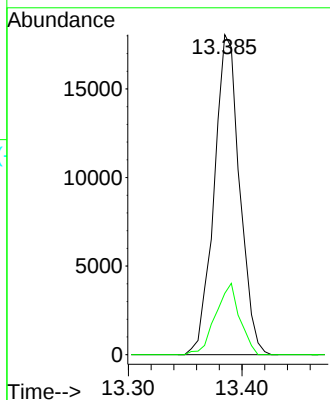
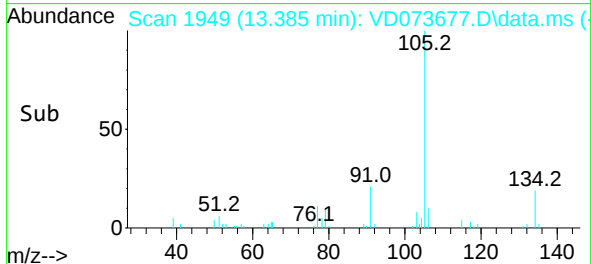
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2022



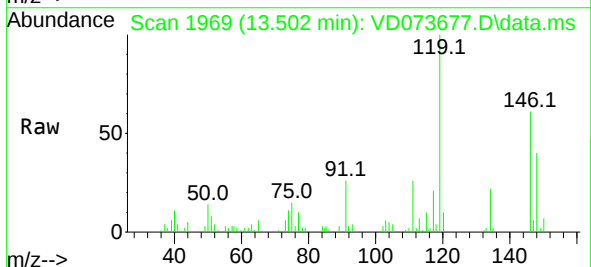
Tgt Ion:105 Resp: 28170
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.2

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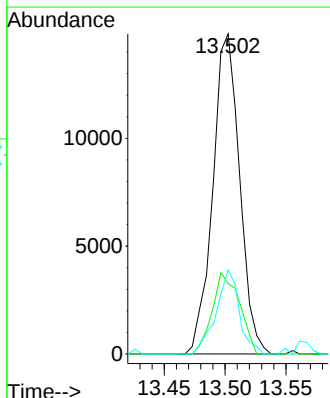
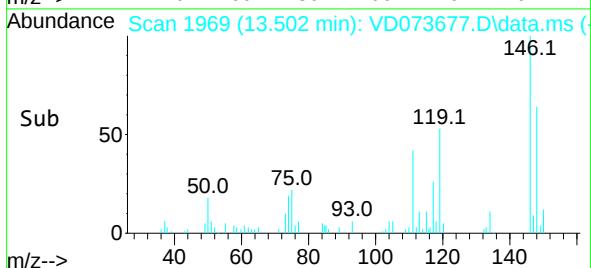
Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

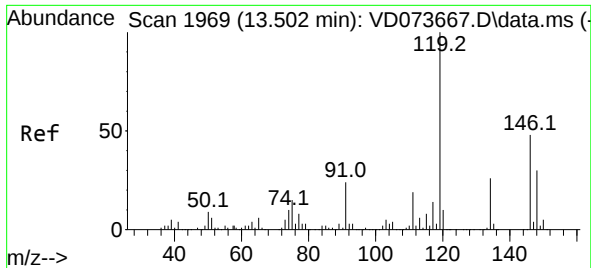


#86
 p-Isopropyltoluene
 Concen: 2.060 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073677.D
 Acq: 23 Jun 2022 20:39



Tgt Ion:119 Resp: 22729
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 22.8 12.1 36.3





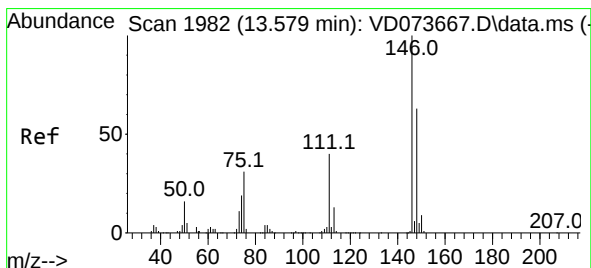
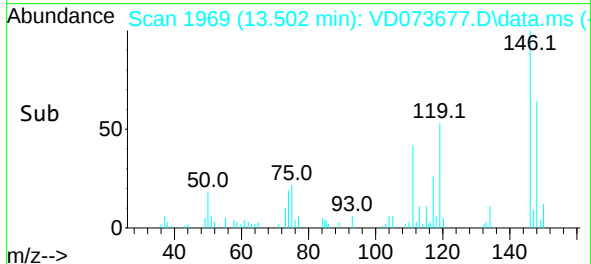
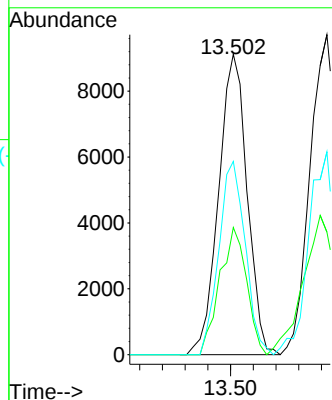
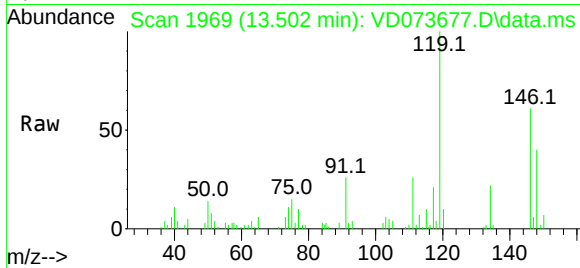
#87
1,3-Dichlorobenzene
Concen: 2.652 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022

Tgt Ion:146 Resp: 1588
Ion Ratio Lower Upper
146 100
111 39.8 20.3 60.9
148 59.6 31.6 95.0

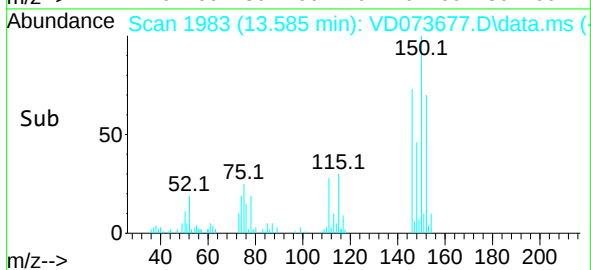
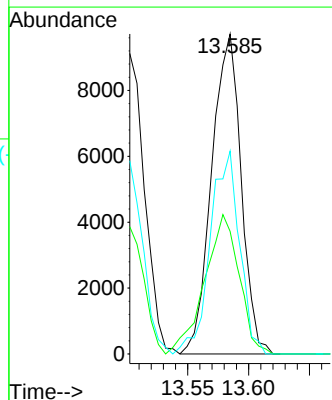
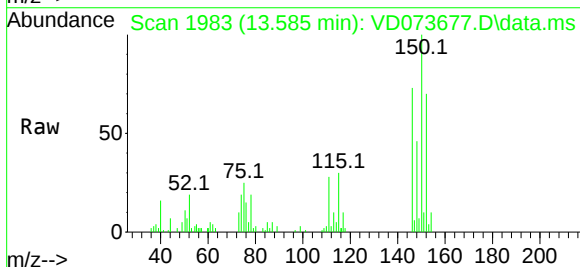
Manual Integrations
APPROVED

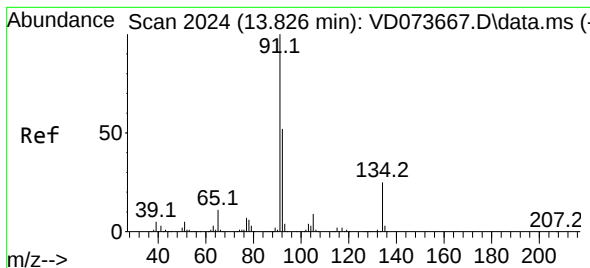
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#88
1,4-Dichlorobenzene
Concen: 2.757 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.006 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

Tgt Ion:146 Resp: 16339
Ion Ratio Lower Upper
146 100
111 51.0 19.6 58.8
148 63.1 31.8 95.3





#89

n-Butylbenzene

Concen: 2.253 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

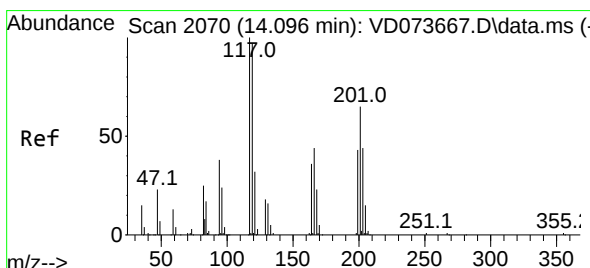
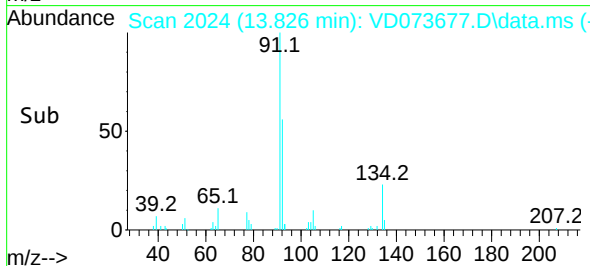
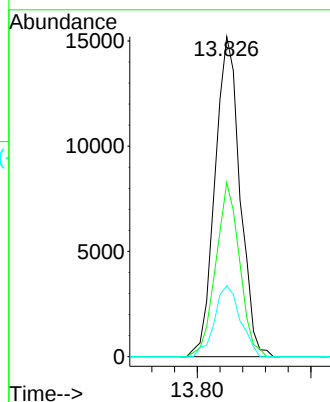
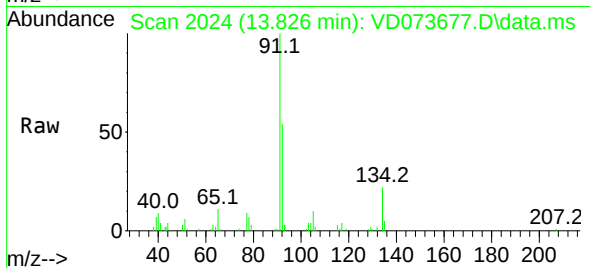
MDL-SOIL-03-QT2-2022

Tgt Ion: 91	Resp: 2327
Ion Ratio	Lower Upper
91 100	
92 51.6	26.4 79.2
134 22.9	12.7 38.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#90

Hexachloroethane

Concen: 2.413 ug/l

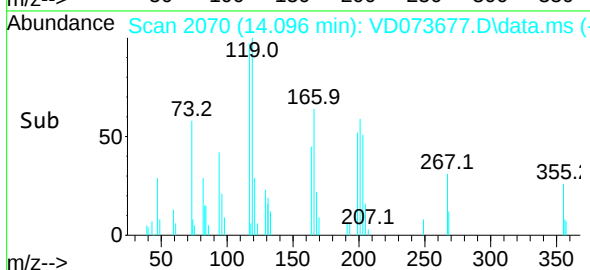
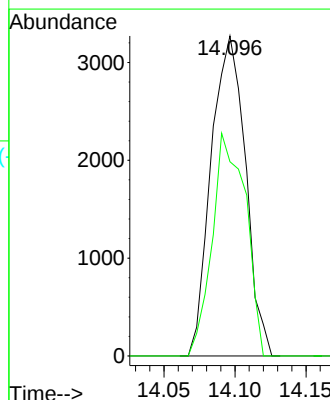
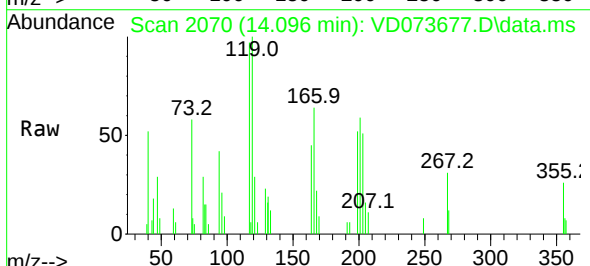
RT: 14.096 min Scan# 2070

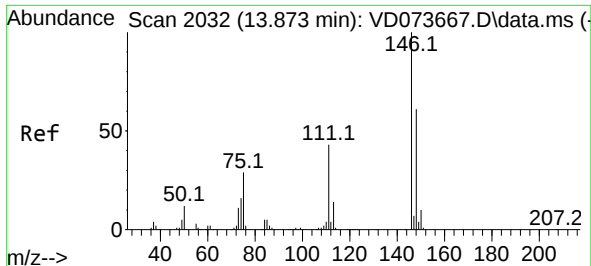
Delta R.T. 0.000 min

Lab File: VD073677.D

Acq: 23 Jun 2022 20:39

Tgt Ion:117	Resp: 5488
Ion Ratio	Lower Upper
117 100	
201 67.7	33.8 101.4





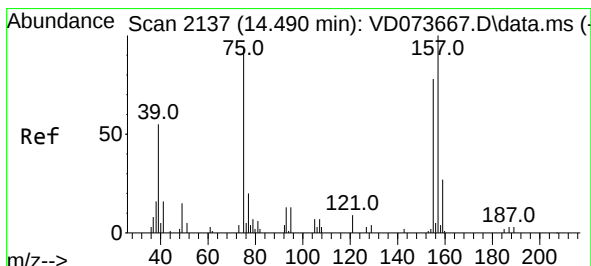
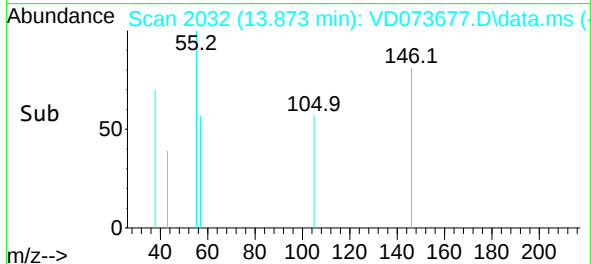
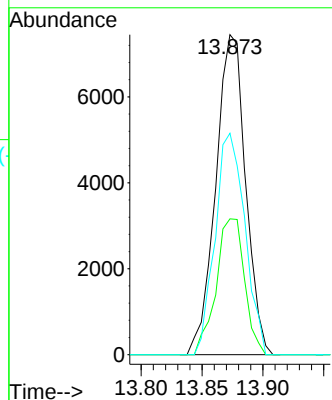
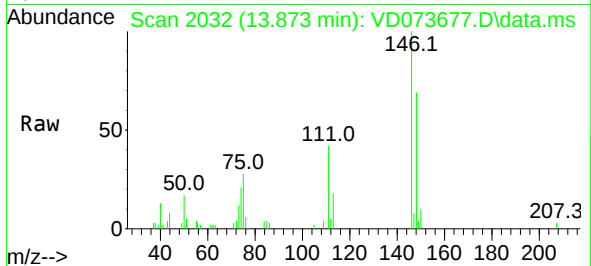
#91
1,2-Dichlorobenzene
Concen: 2.471 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

Tgt Ion:146 Resp: 12730
Ion Ratio Lower Upper
146 100
111 40.3 21.1 63.3
148 69.0 31.6 94.7

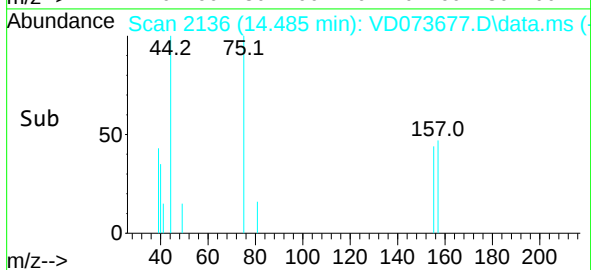
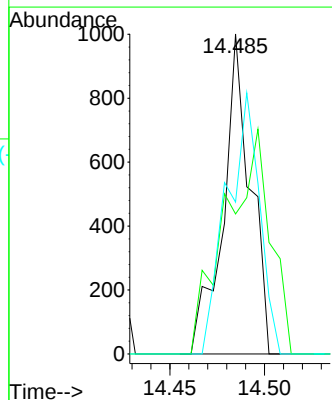
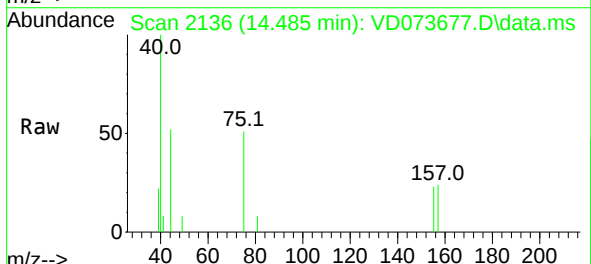
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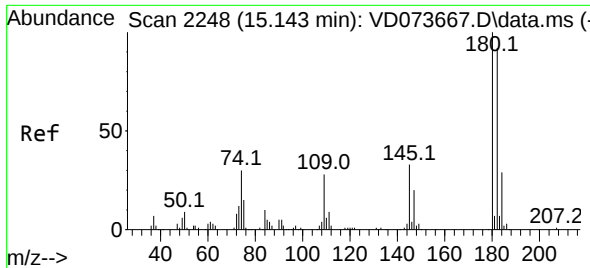
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.655 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

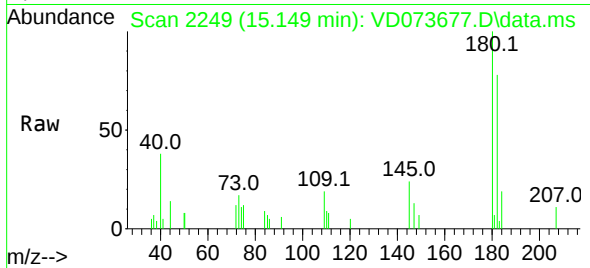
Tgt Ion: 75 Resp: 1000
Ion Ratio Lower Upper
75 100
155 114.9 41.2 123.6
157 97.4 55.5 166.5





#93
1,2,4-Trichlorobenzene
Concen: 2.297 ug/l
RT: 15.149 min Scan# 2248
Delta R.T. 0.006 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

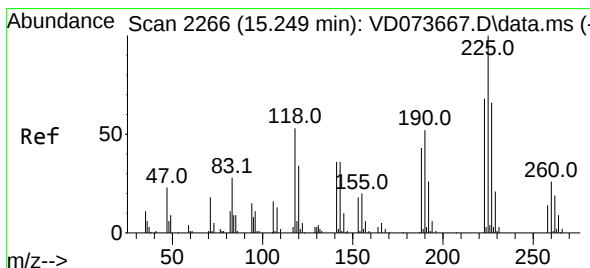
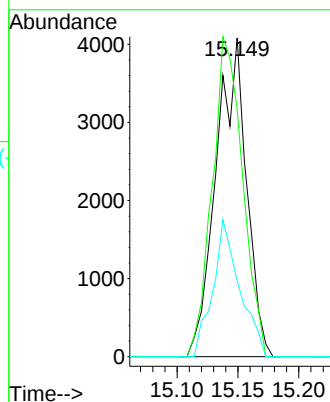
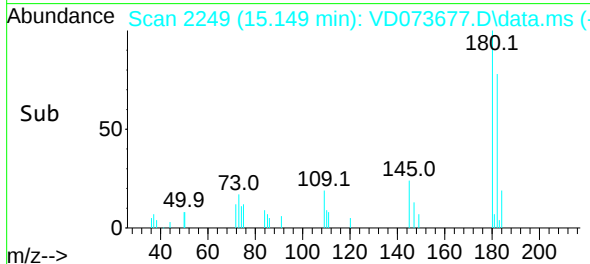
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



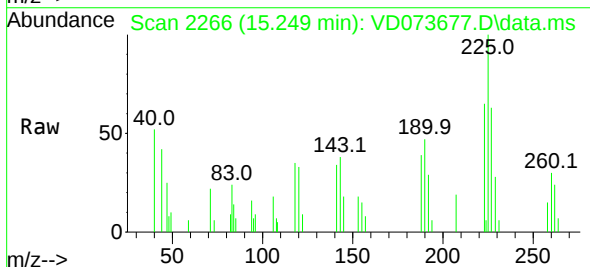
Tgt Ion:180 Resp: 7068
Ion Ratio Lower Upper
180 100
182 100.3 48.0 144.0
145 38.2 16.2 48.5

Manual Integrations
APPROVED

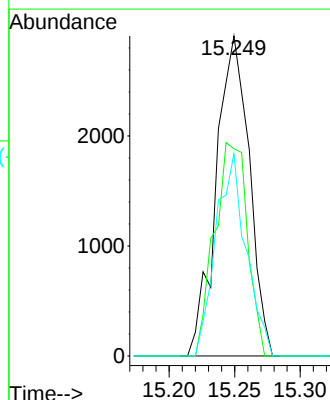
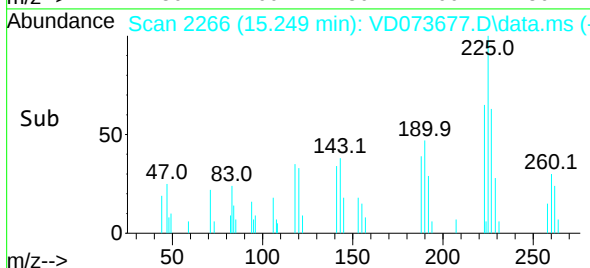
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

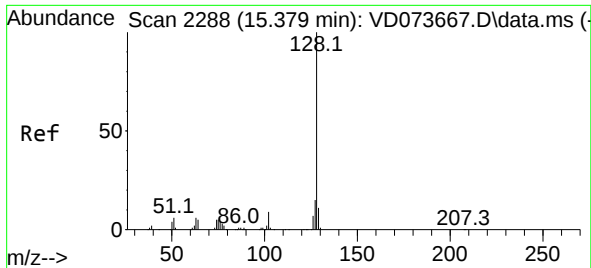


#94
Hexachlorobutadiene
Concen: 2.925 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39



Tgt Ion:225 Resp: 5103
Ion Ratio Lower Upper
225 100
223 66.2 32.6 97.8
227 57.9 32.6 97.8





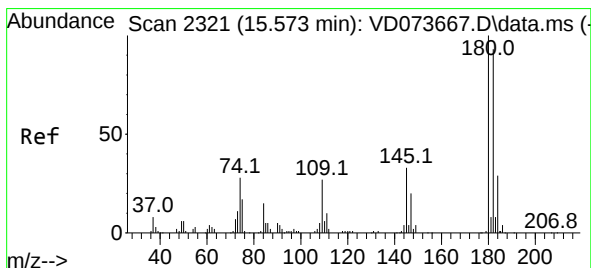
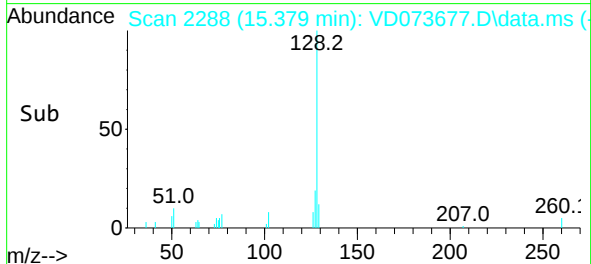
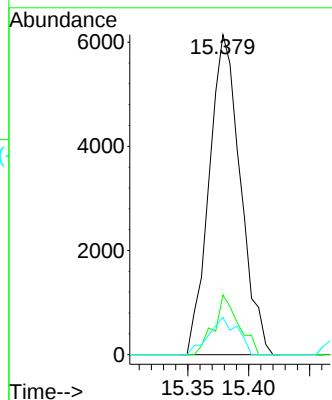
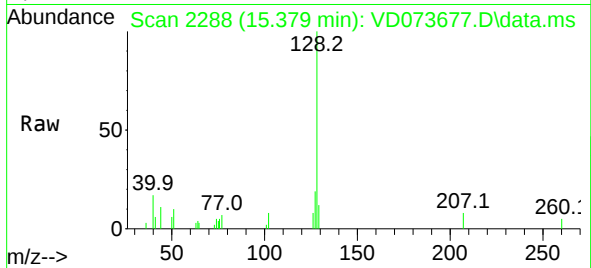
#95
Naphthalene
Concen: 1.996 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

Tgt Ion:128 Resp: 1098
Ion Ratio Lower Upper
128 100
127 14.7 10.6 16.0
129 10.7 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#96
1,2,3-Trichlorobenzene
Concen: 2.443 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VD073677.D
Acq: 23 Jun 2022 20:39

Tgt Ion:180 Resp: 6567
Ion Ratio Lower Upper
180 100
182 91.7 49.0 147.0
145 31.8 17.6 52.8

