

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072434.D
 Acq On : 25 Mar 2022 17:38
 Operator : VA/SY
 Sample : N1645-03 2.5PPB
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Quant Time: Mar 26 01:55:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 01:55:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022
 Supervised By :Semsettin Yesilyurt 03/29/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	370539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	621013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	574950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	289641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	223277	54.069	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.140%			
35) Dibromofluoromethane	7.909	113	212664	48.663	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.320%			
50) Toluene-d8	10.332	98	761489	47.654	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.300%			
62) 4-Bromofluorobenzene	12.620	95	290969	46.864	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	6444	1.880	ug/l	84
3) Chloromethane	2.209	50	6768	2.222	ug/l	99
4) Vinyl Chloride	2.344	62	6614	2.250	ug/l	100
5) Bromomethane	2.774	94	5858	3.060	ug/l	98
6) Chloroethane	2.921	64	5515	2.837	ug/l #	85
7) Trichlorofluoromethane	3.273	101	14755	2.223	ug/l	94
8) Diethyl Ether	3.715	74	5061	2.760	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.103	101	9363	2.212	ug/l	96
10) Methyl Iodide	4.309	142	5527	1.633	ug/l #	90
11) Tert butyl alcohol	5.232	59	5010	20.925	ug/l #	74
12) 1,1-Dichloroethene	4.073	96	7426	2.181	ug/l #	85
13) Acrolein	3.926	56	2602	12.179	ug/l #	71
14) Allyl chloride	4.715	41	15026	2.524	ug/l #	62
15) Acrylonitrile	5.420	53	15348	16.590	ug/l	98
16) Acetone	4.156	43	14536	16.213	ug/l	97
17) Carbon Disulfide	4.409	76	9707	1.398	ug/l #	92
18) Methyl Acetate	4.726	43	8790	4.001	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	27040	2.921	ug/l	93
20) Methylene Chloride	4.973	84	22267	4.132	ug/l #	77
21) trans-1,2-Dichloroethene	5.473	96	8070	2.142	ug/l #	83
22) Diisopropyl ether	6.373	45	37474	2.759	ug/l #	83
23) Vinyl Acetate	6.303	43	91120	13.146	ug/l #	93
24) 1,1-Dichloroethane	6.256	63	21152	2.641	ug/l	94
25) 2-Butanone	7.214	43	19456	16.275	ug/l #	88
26) 2,2-Dichloropropane	7.203	77	16946	2.345	ug/l	95
27) cis-1,2-Dichloroethene	7.209	96	12056	2.507	ug/l	94
28) Bromochloromethane	7.544	49	7872	2.441	ug/l #	91
29) Tetrahydrofuran	7.561	42	11817	16.811	ug/l	98
30) Chloroform	7.703	83	25243	2.958	ug/l	98
31) Cyclohexane	7.979	56	20178	3.128	ug/l #	41
32) 1,1,1-Trichloroethane	7.897	97	18882	2.492	ug/l	98
36) 1,1-Dichloropropene	8.109	75	12930	2.109	ug/l	97
37) Ethyl Acetate	7.297	43	8685	3.234	ug/l #	94
38) Carbon Tetrachloride	8.091	117	13829	1.984	ug/l	99
39) Methylcyclohexane	9.350	83	12247	1.775	ug/l #	83
40) Benzene	8.344	78	50458	2.885	ug/l	97

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	5530m	3.533	ug/l	
42) 1,2-Dichloroethane	8.420	62	14796	2.789	ug/l	93
43) Isopropyl Acetate	8.444	43	15922	3.055	ug/l #	93
44) Trichloroethene	9.108	130	10583	2.155	ug/l	86
45) 1,2-Dichloropropane	9.391	63	12309	2.566	ug/l #	84
46) Dibromomethane	9.467	93	6154	2.608	ug/l	89
47) Bromodichloromethane	9.656	83	17854	2.596	ug/l #	89
48) Methyl methacrylate	9.450	41	7447	2.992	ug/l	92
49) 1,4-Dioxane	9.456	88	1942	68.634	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	42455	15.508	ug/l	100
52) Toluene	10.397	92	27676	2.405	ug/l	94
53) t-1,3-Dichloropropene	10.614	75	16045	2.553	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	18098	2.491	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	10632	2.958	ug/l	90
56) Ethyl methacrylate	10.650	69	11565	2.747	ug/l	95
57) 1,3-Dichloropropane	10.944	76	16567	2.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	20048	10.591	ug/l	96
59) 2-Hexanone	10.979	43	27723	14.662	ug/l	96
60) Dibromochloromethane	11.126	129	12332	2.644	ug/l	96
61) 1,2-Dibromoethane	11.238	107	8802	2.710	ug/l	97
64) Tetrachloroethene	10.867	164	9777	2.413	ug/l	87
65) Chlorobenzene	11.667	112	31970	2.508	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	12473	2.475	ug/l	93
67) Ethyl Benzene	11.738	91	60090	2.640	ug/l	98
68) m/p-Xylenes	11.844	106	35430	4.099	ug/l	94
69) o-Xylene	12.173	106	17780	2.150	ug/l	97
70) Styrene	12.191	104	32877	2.277	ug/l	98
71) Bromoform	12.355	173	7866	2.921	ug/l #	99
73) Isopropylbenzene	12.467	105	54119	2.358	ug/l	98
74) N-amyl acetate	12.279	43	14456	2.931	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	13593	3.311	ug/l	93
76) 1,2,3-Trichloropropane	12.773	75	9788m	3.064	ug/l	
77) Bromobenzene	12.749	156	13313	2.577	ug/l	97
78) n-propylbenzene	12.814	91	65464	2.348	ug/l	98
79) 2-Chlorotoluene	12.897	91	38396	2.382	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	47991	2.434	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.514	75	3360m	2.609	ug/l	
82) 4-Chlorotoluene	12.997	91	41137	2.464	ug/l	95
83) tert-Butylbenzene	13.208	119	37075	2.145	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	52226	2.688	ug/l	99
85) sec-Butylbenzene	13.391	105	54584	2.103	ug/l	97
86) p-Isopropyltoluene	13.508	119	45622	2.136	ug/l	96
87) 1,3-Dichlorobenzene	13.502	146	24925	2.302	ug/l	96
88) 1,4-Dichlorobenzene	13.579	146	27406	2.553	ug/l	87
89) n-Butylbenzene	13.832	91	47207	2.318	ug/l	97
90) Hexachloroethane	14.102	117	10414	2.487	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	24483	2.594	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	2515	3.839	ug/l	90
93) 1,2,4-Trichlorobenzene	15.149	180	15231	2.437	ug/l	90
94) Hexachlorobutadiene	15.249	225	7689	2.115	ug/l	96
95) Naphthalene	15.385	128	167489	15.547	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	13515	2.498	ug/l	99

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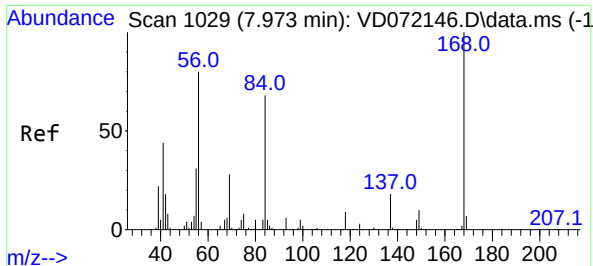
Manual Integrations
APPROVED

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Quant Time: Mar 26 01:55:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 01:55:27 2022
Response via : Initial Calibration

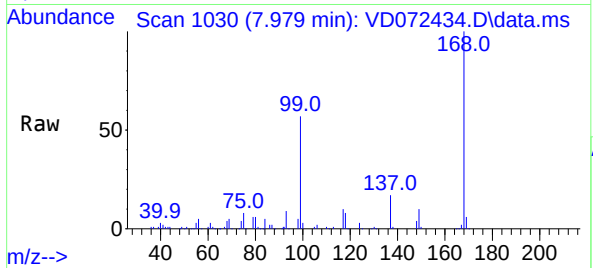
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

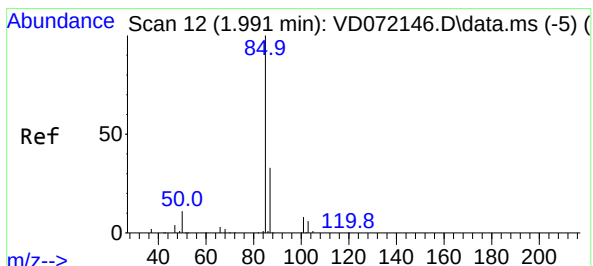
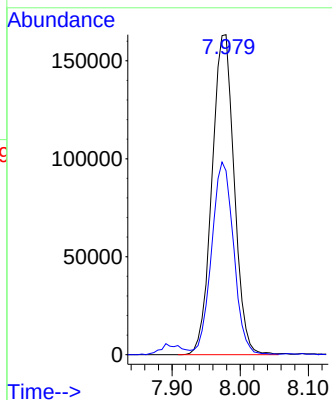
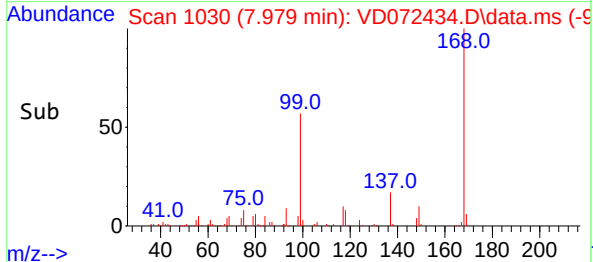
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:168 Resp: 370539
Ion Ratio Lower Upper
168 100
99 57.3 49.8 74.6

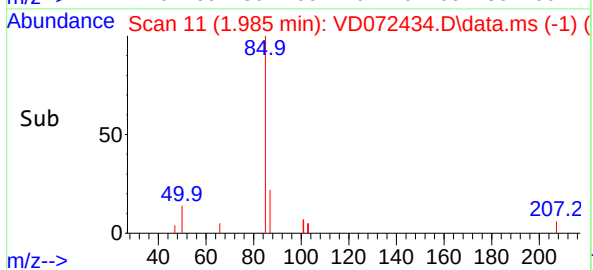
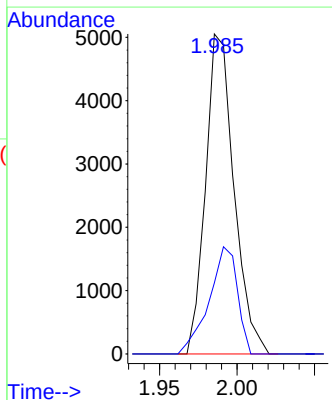
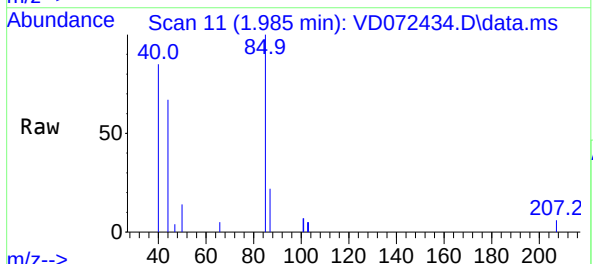
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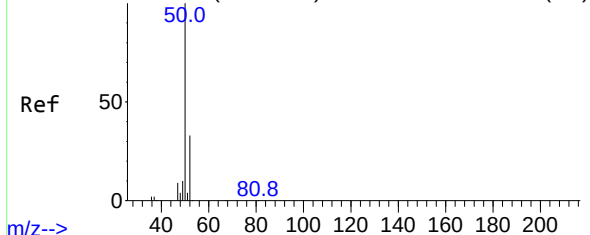


#2
Dichlorodifluoromethane
Concen: 1.880 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

Tgt Ion: 85 Resp: 6444
Ion Ratio Lower Upper
85 100
87 22.2 15.7 47.0



Abundance Scan 49 (2.209 min): VD072146.D\data.ms (-42)



#3

Chloromethane

Concen: 2.222 ug/l

RT: 2.209 min Scan# 49

Delta R.T. 0.000 min

Lab File: VD072434.D

Acq: 25 Mar 2022 17:38

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2022

Tgt Ion: 50 Resp: 676

Ion Ratio Lower Upper

50 100

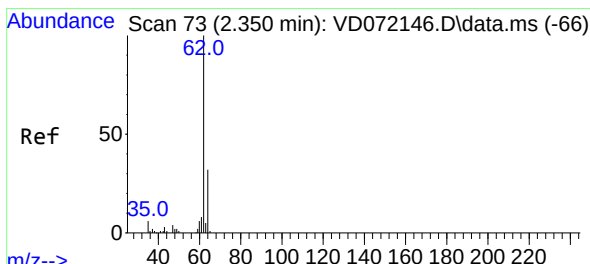
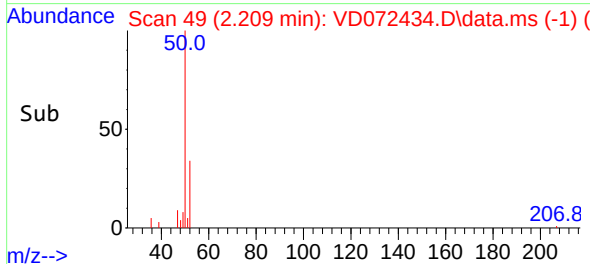
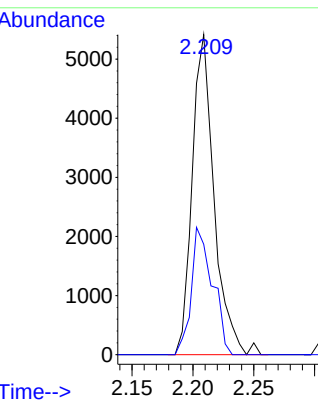
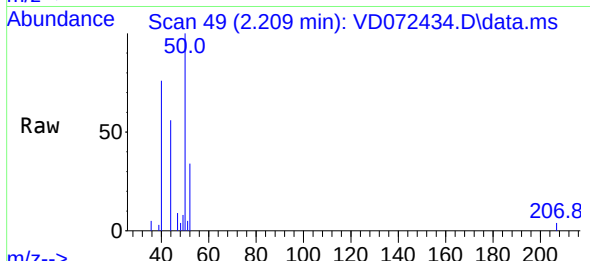
52 34.5 27.4 41.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 2.250 ug/l

RT: 2.344 min Scan# 72

Delta R.T. -0.006 min

Lab File: VD072434.D

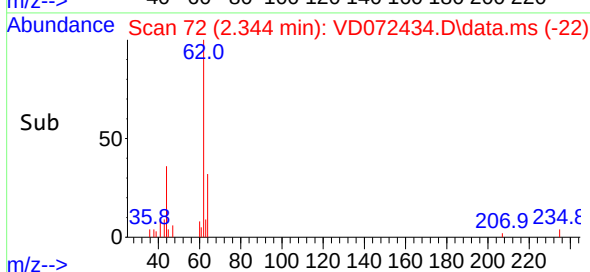
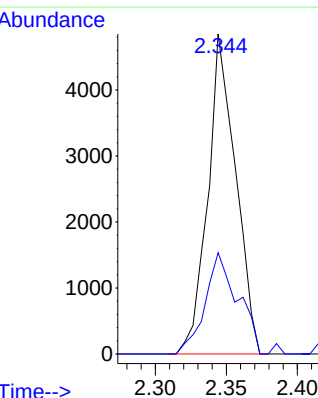
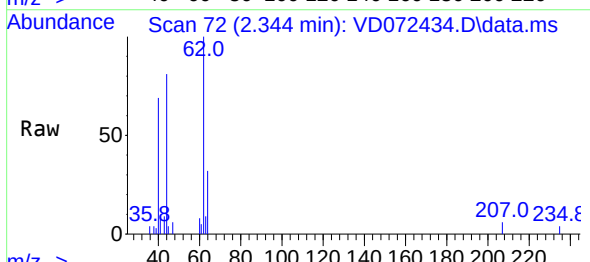
Acq: 25 Mar 2022 17:38

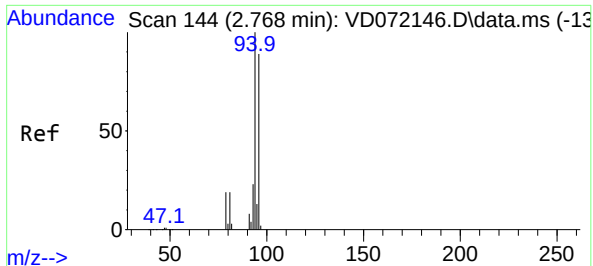
Tgt Ion: 62 Resp: 6614

Ion Ratio Lower Upper

62 100

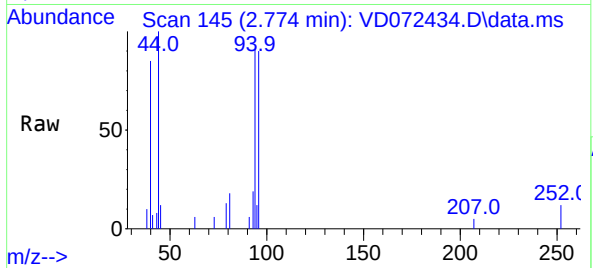
64 31.7 25.4 38.0





#5
Bromomethane
Concen: 3.060 ug/l
RT: 2.774 min Scan# 144
Delta R.T. 0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

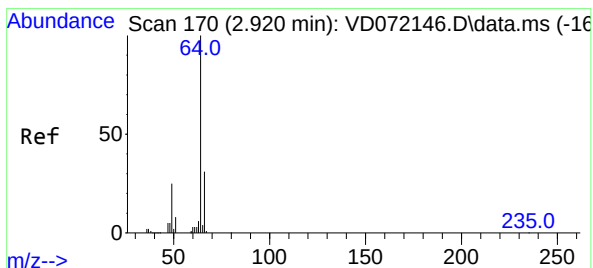
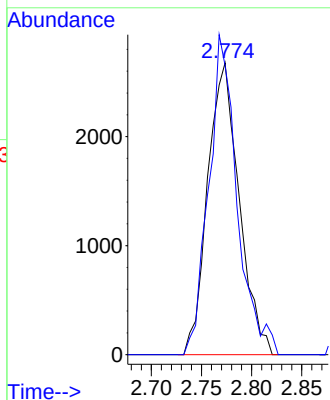
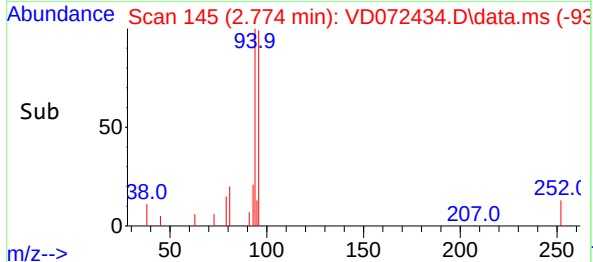
Instrument :
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MDL-SOIL-03-QT1-2022



Tgt Ion: 94 Resp: 585
Ion Ratio Lower Upper
94 100
96 99.1 77.6 116.4

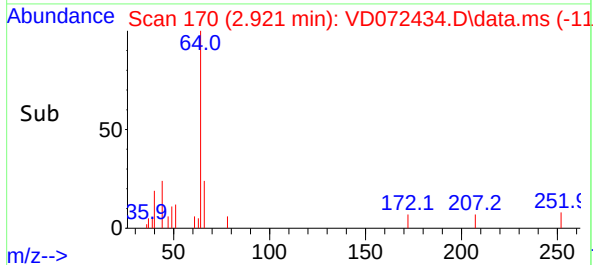
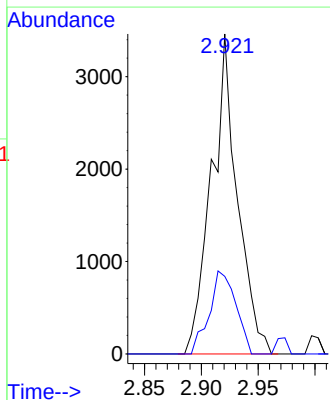
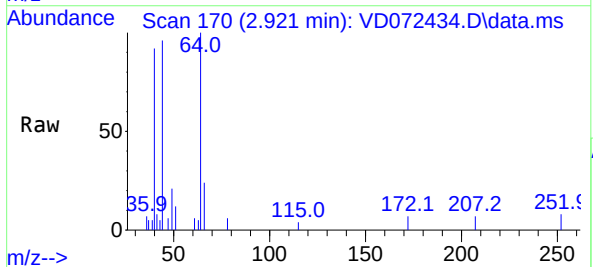
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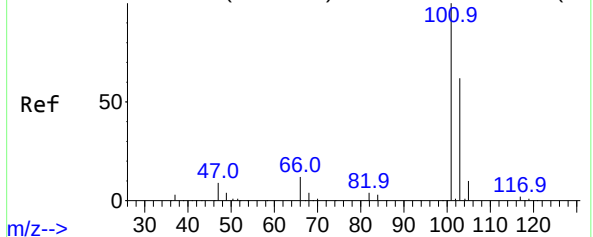


#6
Chloroethane
Concen: 2.837 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

Tgt Ion: 64 Resp: 5515
Ion Ratio Lower Upper
64 100
66 24.2 25.9 38.9#



Abundance Scan 230 (3.273 min): VD072146.D\data.ms (-21



#7

Trichlorofluoromethane

Concen: 2.223 ug/l

RT: 3.273 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD072434.D

Acq: 25 Mar 2022 17:38

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2022

Tgt Ion:101 Resp: 1475

Ion Ratio Lower Upper

101 100

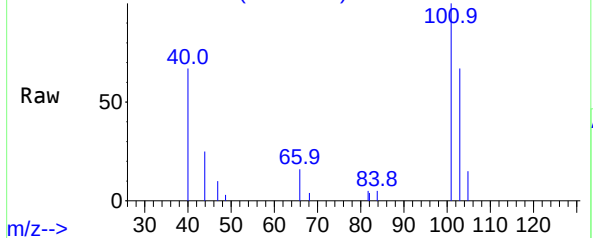
103 67.0 50.1 75.1

Manual Integrations

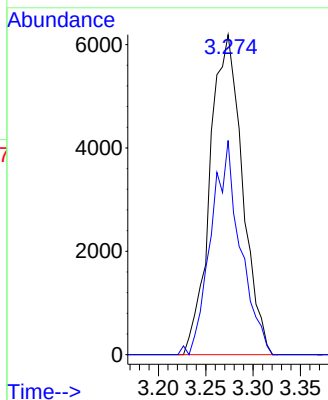
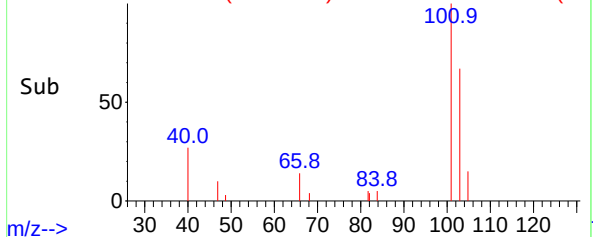
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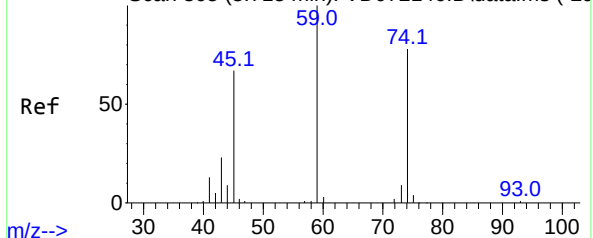
Abundance Scan 230 (3.273 min): VD072434.D\data.ms



Abundance Scan 230 (3.273 min): VD072434.D\data.ms (-17



Abundance Scan 305 (3.715 min): VD072146.D\data.ms (-29



#8

Diethyl Ether

Concen: 2.760 ug/l

RT: 3.715 min Scan# 305

Delta R.T. 0.000 min

Lab File: VD072434.D

Acq: 25 Mar 2022 17:38

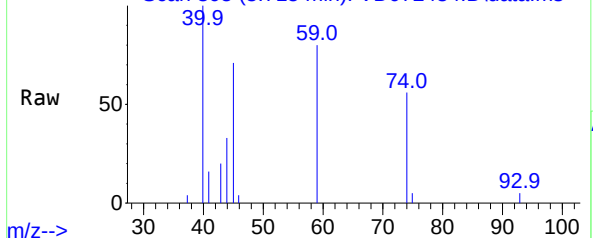
Tgt Ion: 74 Resp: 5061

Ion Ratio Lower Upper

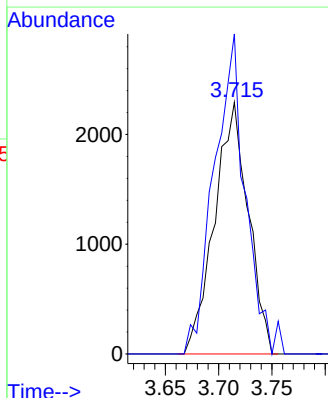
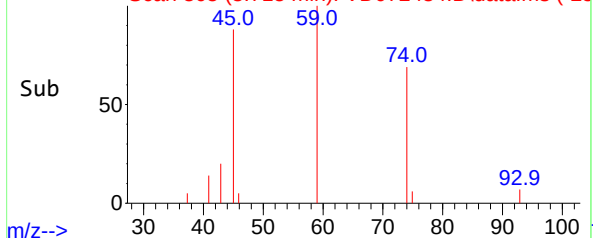
74 100

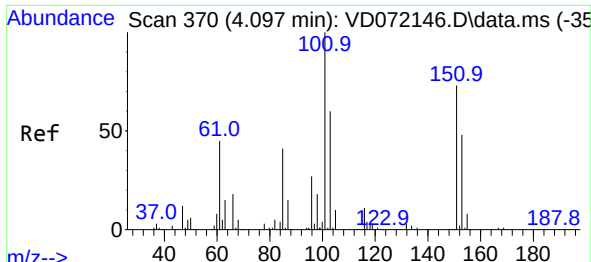
45 117.9 52.6 157.8

Abundance Scan 305 (3.715 min): VD072434.D\data.ms



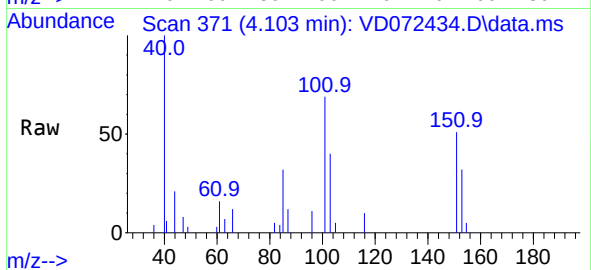
Abundance Scan 305 (3.715 min): VD072434.D\data.ms (-25





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.212 ug/l
RT: 4.103 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

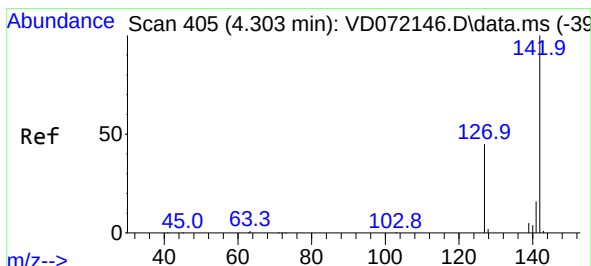
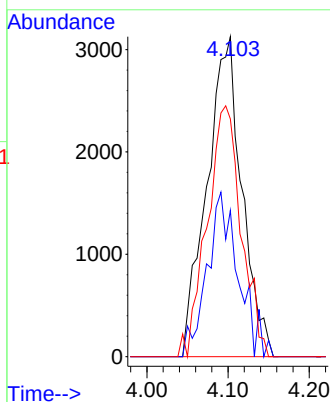
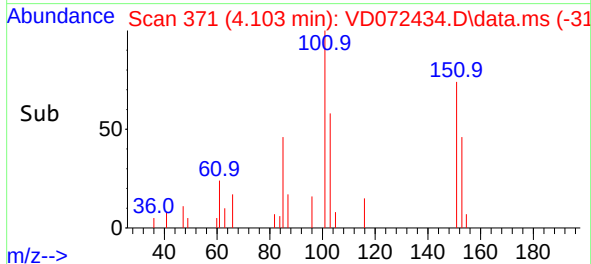
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



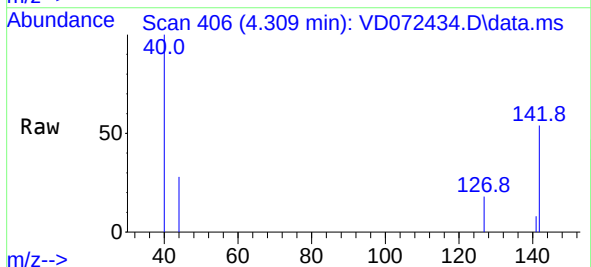
Tgt Ion:101 Resp: 936
Ion Ratio Lower Upper
101 100
85 45.8 36.4 54.6
151 76.4 57.3 85.9

Manual Integrations
APPROVED

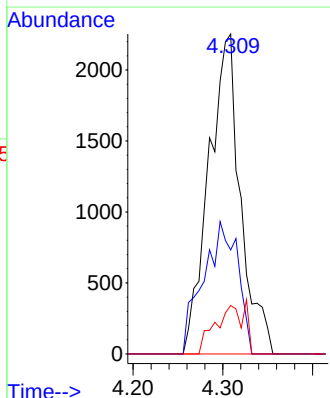
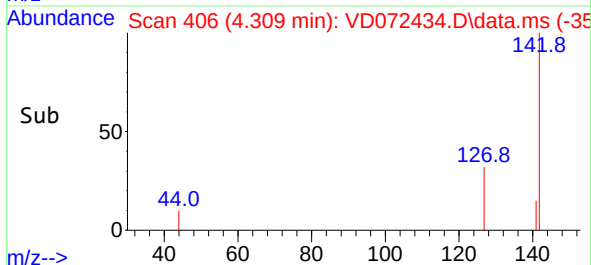
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

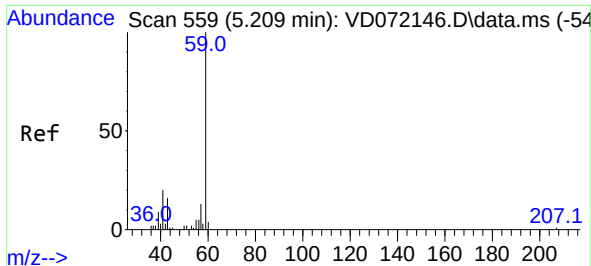


#10
Methyl Iodide
Concen: 1.633 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



Tgt Ion:142 Resp: 5527
Ion Ratio Lower Upper
142 100
127 45.1 37.3 55.9
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: 20.925 ug/l

RT: 5.232 min Scan# 501

Delta R.T. 0.024 min

Lab File: VD072434.D

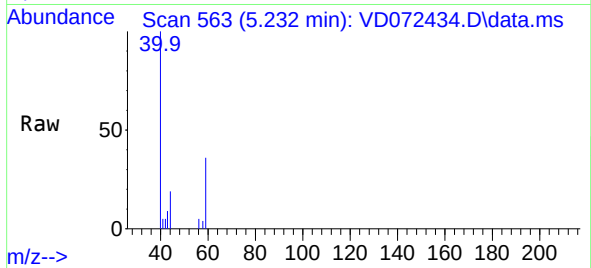
Acq: 25 Mar 2022 17:38

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2022



Tgt Ion: 59 Resp: 5010

Ion Ratio Lower Upper

59 100

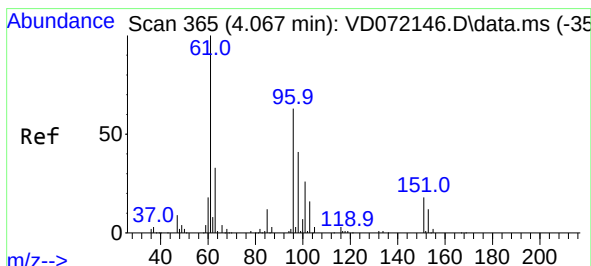
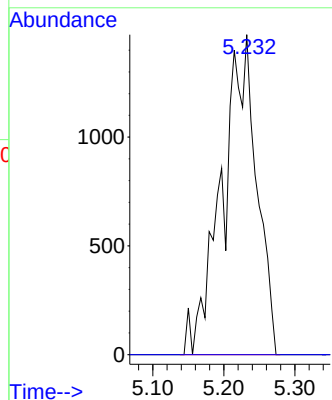
57 0.0 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022

Supervised By :Semsettin Yesilyurt 03/29/2022



#12

1,1-Dichloroethene

Concen: 2.181 ug/l

RT: 4.073 min Scan# 366

Delta R.T. 0.006 min

Lab File: VD072434.D

Acq: 25 Mar 2022 17:38

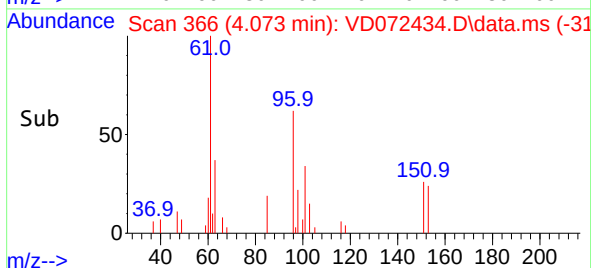
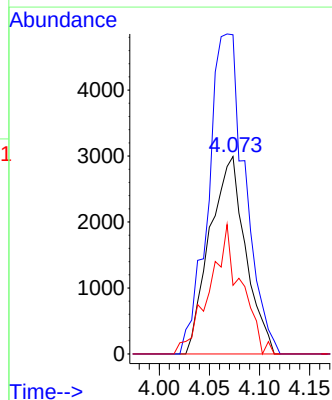
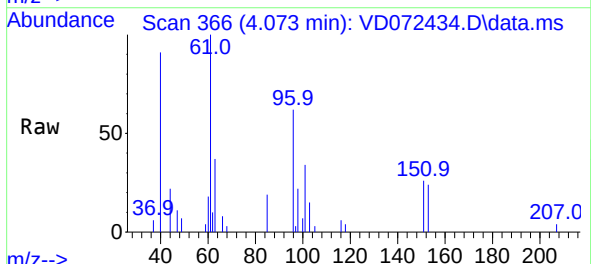
Tgt Ion: 96 Resp: 7426

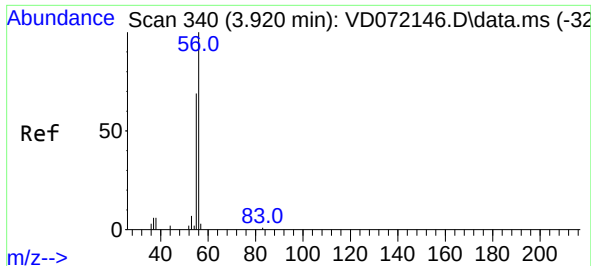
Ion Ratio Lower Upper

96 100

61 161.7 138.5 207.7

98 34.8 48.6 73.0





#13

Acrolein

Concen: 12.179 ug/l

RT: 3.926 min Scan# 340

Delta R.T. 0.006 min

Lab File: VD072434.D

Acq: 25 Mar 2022 17:38

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2022

Tgt Ion: 56 Resp: 2602

Ion Ratio Lower Upper

56 100

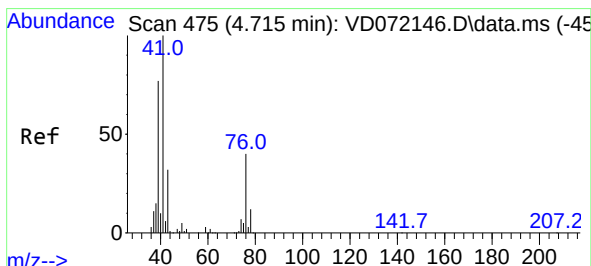
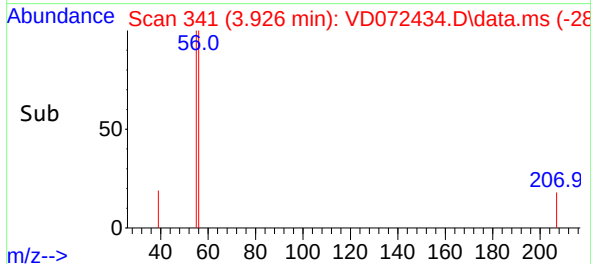
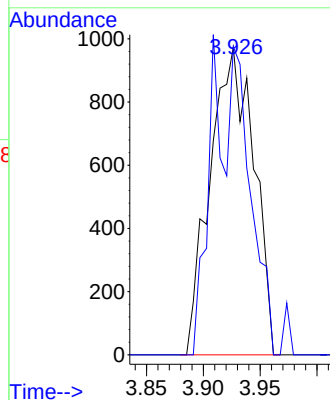
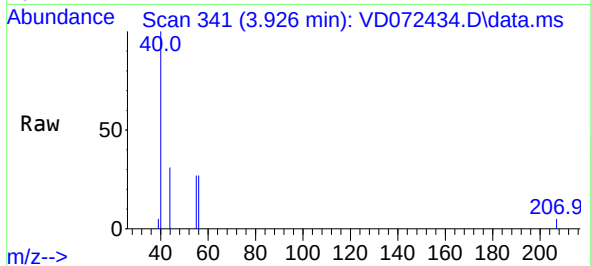
55 47.5 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022

Supervised By :Semsettin Yesilyurt 03/29/2022



#14

Allyl chloride

Concen: 2.524 ug/l

RT: 4.715 min Scan# 475

Delta R.T. 0.000 min

Lab File: VD072434.D

Acq: 25 Mar 2022 17:38

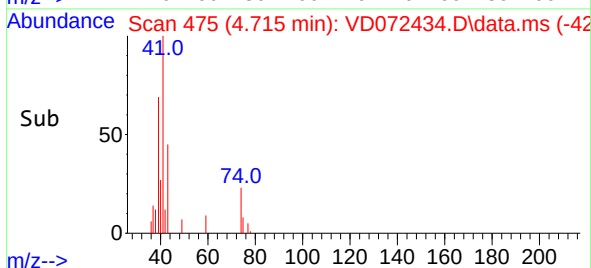
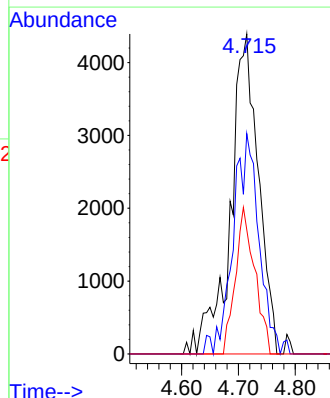
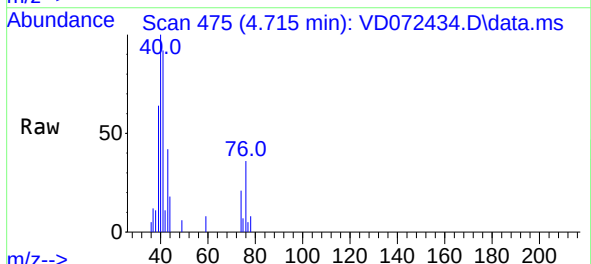
Tgt Ion: 41 Resp: 15026

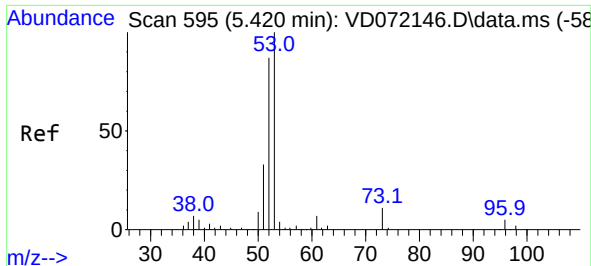
Ion Ratio Lower Upper

41 100

39 28.5 59.3 88.9

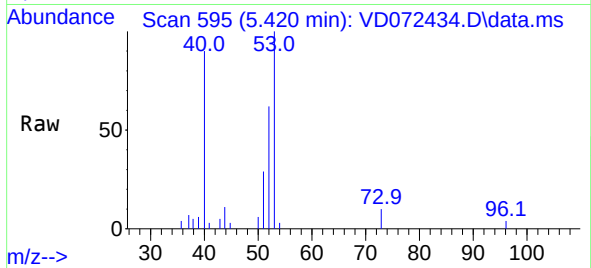
76 31.6 25.7 38.5





#15
Acrylonitrile
Concen: 16.590 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

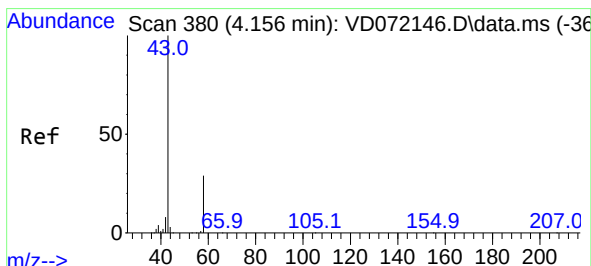
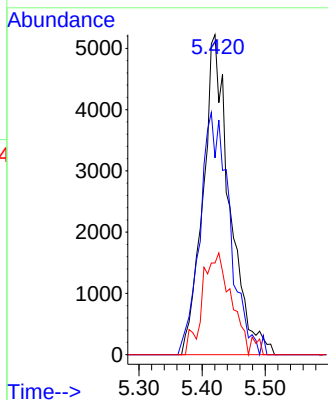
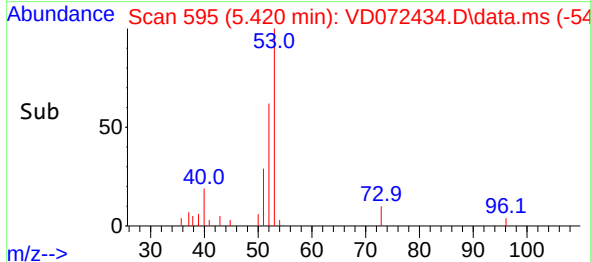
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



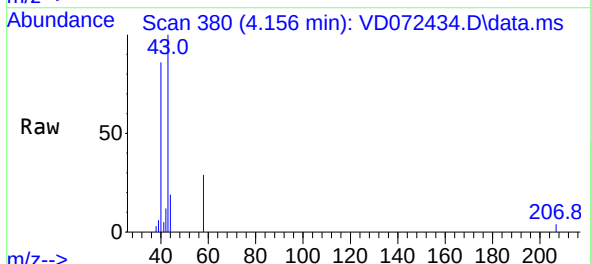
Tgt Ion: 53 Resp: 15348
Ion Ratio Lower Upper
53 100
52 83.9 67.2 100.8
51 33.8 30.3 45.5

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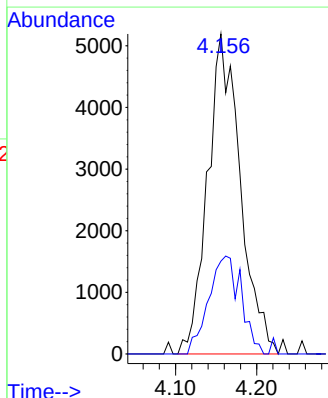
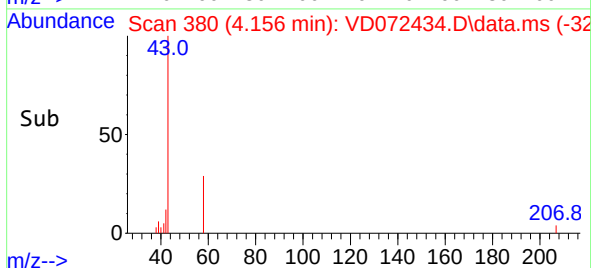
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

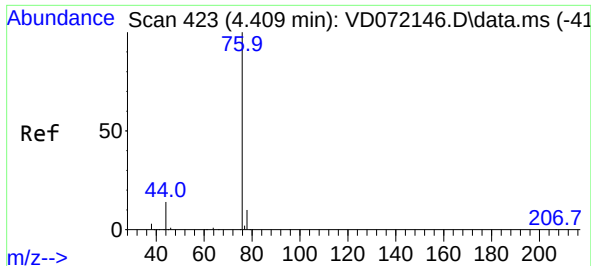


#16
Acetone
Concen: 16.213 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



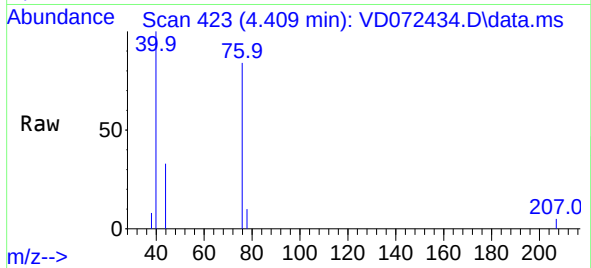
Tgt Ion: 43 Resp: 14536
Ion Ratio Lower Upper
43 100
58 29.0 22.1 33.1





#17
Carbon Disulfide
Concen: 1.398 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

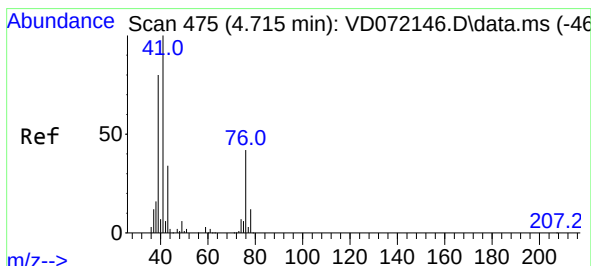
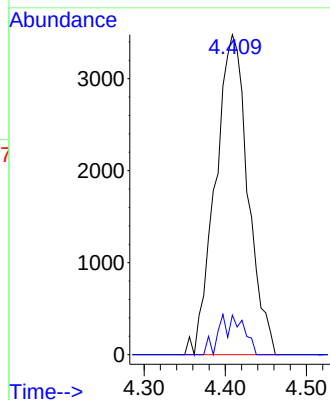
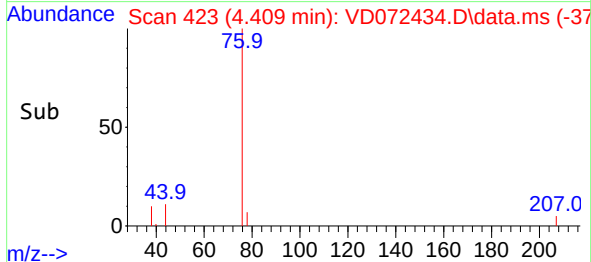
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



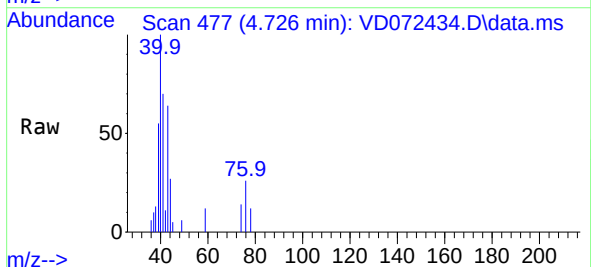
Tgt Ion: 76 Resp: 970
Ion Ratio Lower Upper
76 100
78 12.4 7.5 11.3

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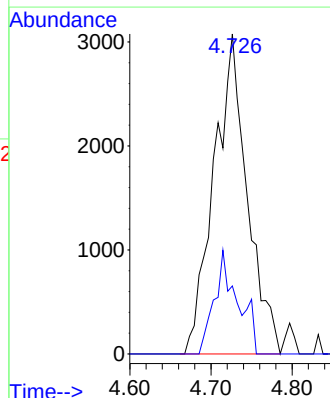
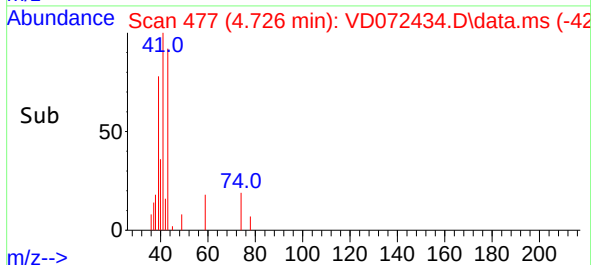
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

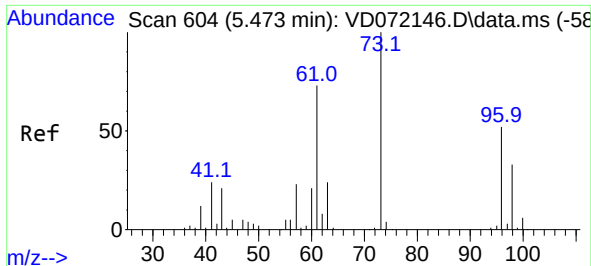


#18
Methyl Acetate
Concen: 4.001 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.012 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



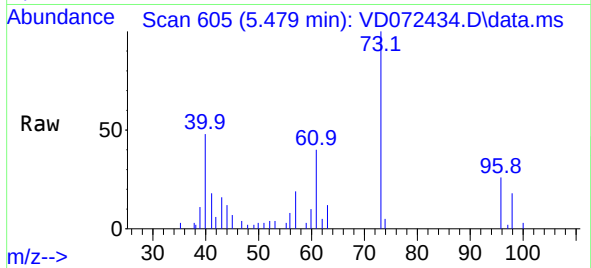
Tgt Ion: 43 Resp: 8790
Ion Ratio Lower Upper
43 100
74 22.7 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 2.921 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

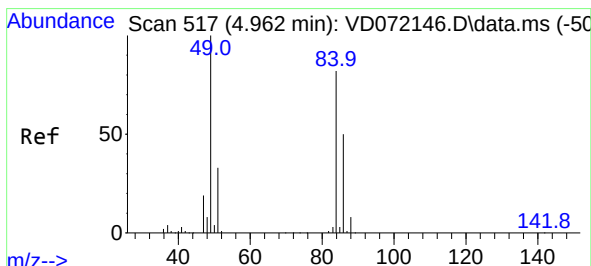
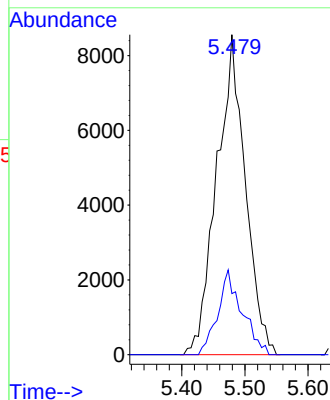
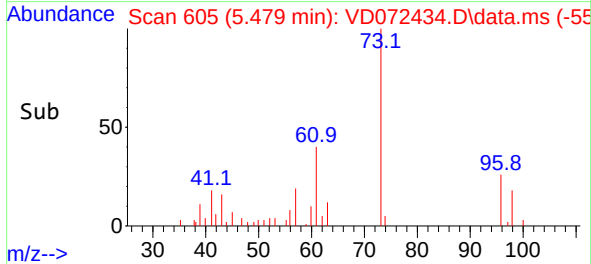
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



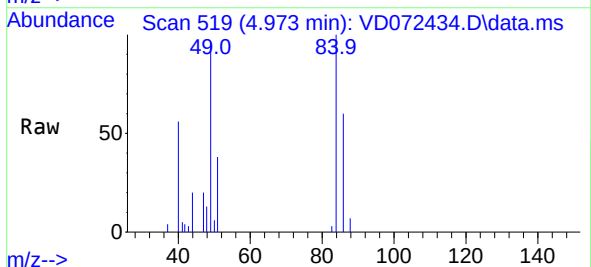
Tgt Ion: 73 Resp: 27040
Ion Ratio Lower Upper
73 100
57 19.1 18.0 27.0

Manual Integrations
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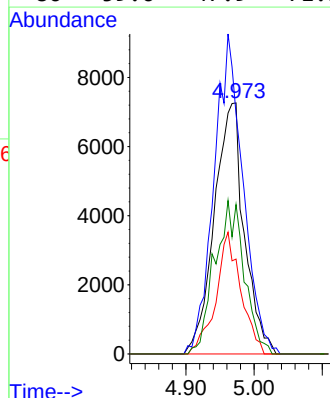
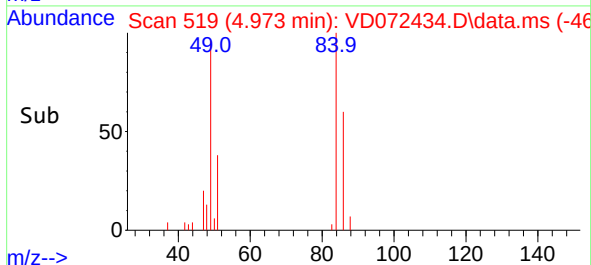
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

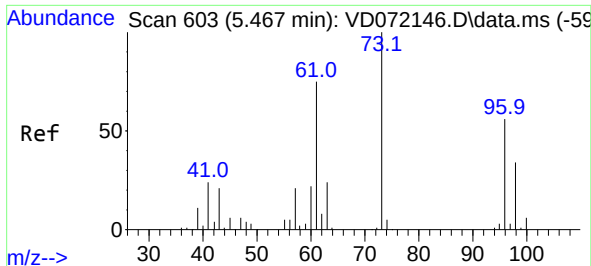


#20
Methylene Chloride
Concen: 4.132 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



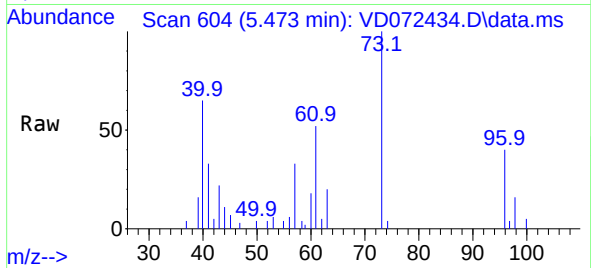
Tgt Ion: 84 Resp: 22267
Ion Ratio Lower Upper
84 100
49 95.6 112.8 169.2#
51 37.8 32.6 48.8
86 59.6 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 2.142 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

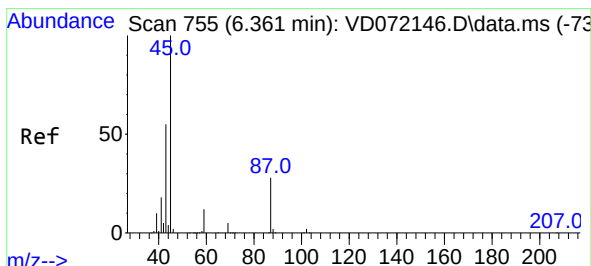
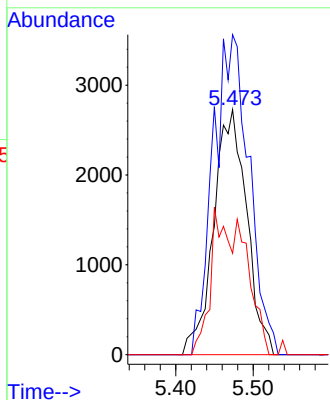
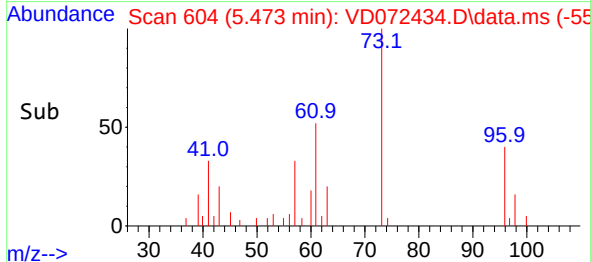
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion: 96 Resp: 8070
Ion Ratio Lower Upper
96 100
61 130.5 117.9 176.9
98 41.4 49.4 74.2

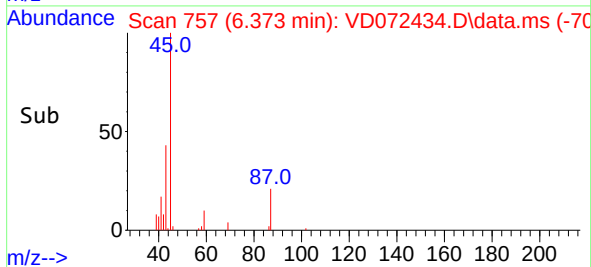
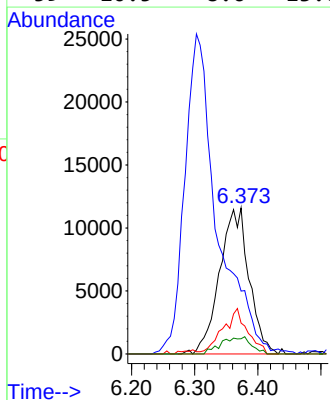
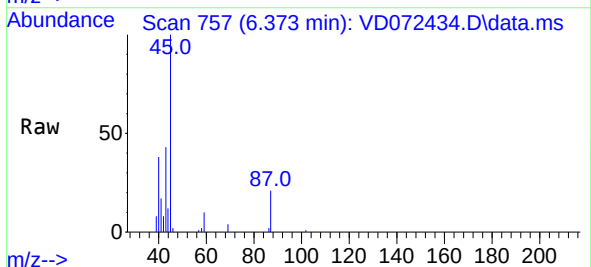
Manual Integrations
APPROVED

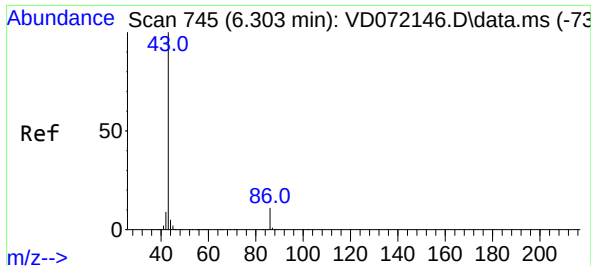
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#22
Diisopropyl ether
Concen: 2.759 ug/l
RT: 6.373 min Scan# 757
Delta R.T. 0.012 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

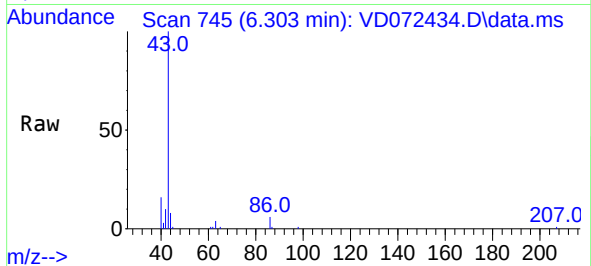
Tgt Ion: 45 Resp: 37474
Ion Ratio Lower Upper
45 100
43 39.6 46.6 70.0#
87 21.2 18.4 27.6
59 10.5 8.6 13.0





#23
 Vinyl Acetate
 Concen: 13.146 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072434.D
 Acq: 25 Mar 2022 17:38

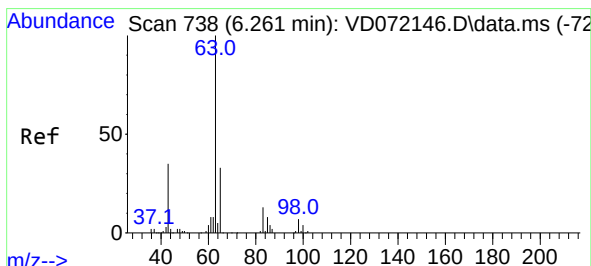
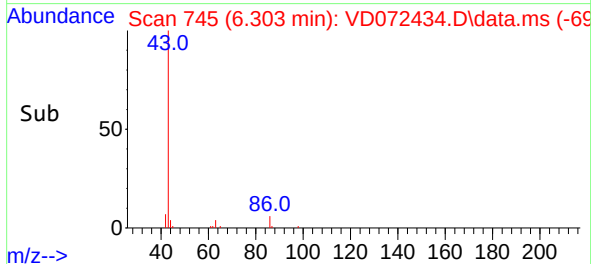
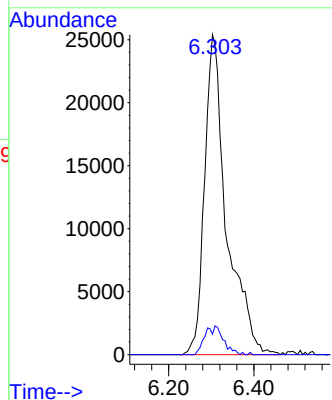
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2022



Tgt Ion: 43 Resp: 91120
 Ion Ratio Lower Upper
 43 100
 86 6.4 7.1 10.7

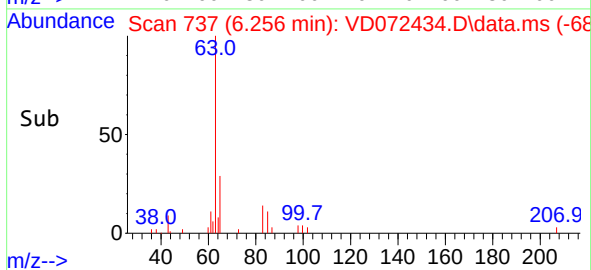
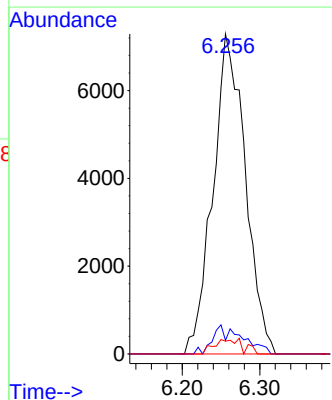
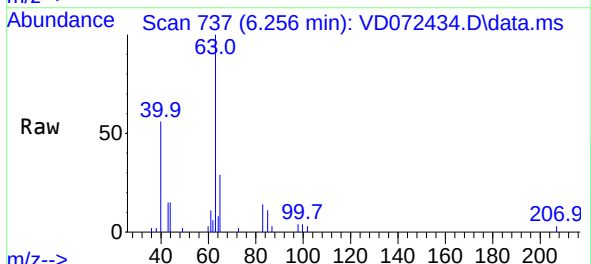
Manual Integrations
 APPROVED

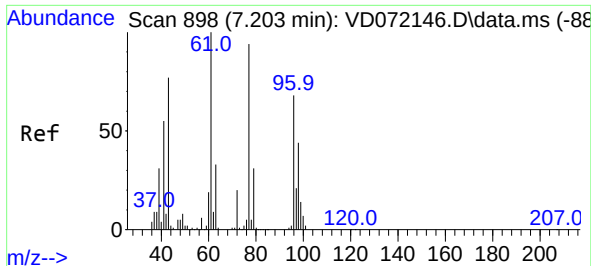
Reviewed By :Mahesh Dadoda 03/29/2022
 Supervised By :Semsettin Yesilyurt 03/29/2022



#24
 1,1-Dichloroethane
 Concen: 2.641 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD072434.D
 Acq: 25 Mar 2022 17:38

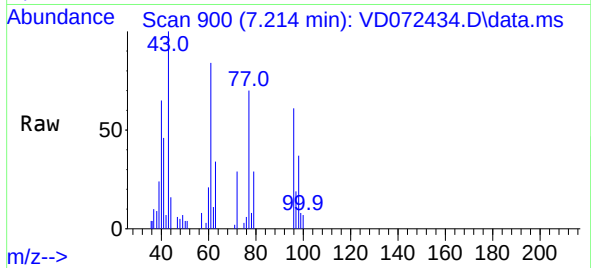
Tgt Ion: 63 Resp: 21152
 Ion Ratio Lower Upper
 63 100
 98 4.2 3.6 10.9
 100 4.0 2.1 6.5





#25
2-Butanone
Concen: 16.275 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.012 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

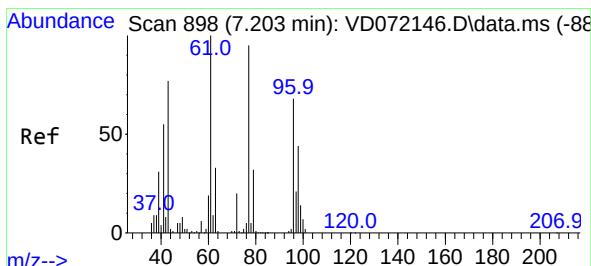
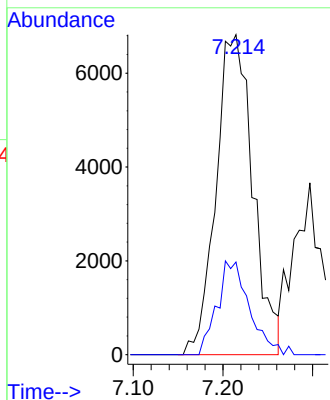
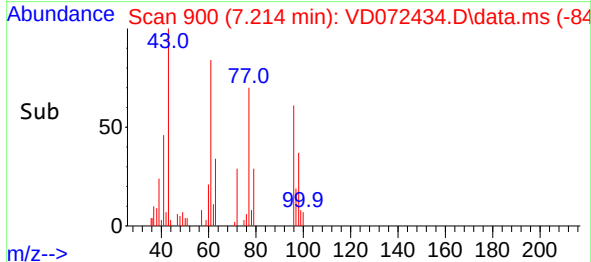
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



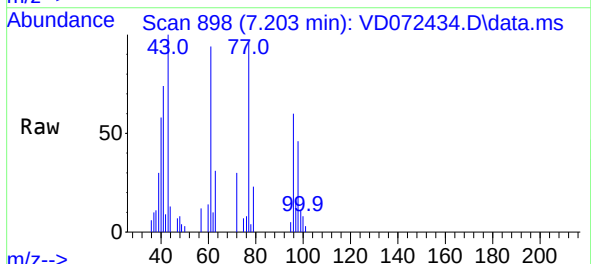
Tgt Ion: 43 Resp: 19456
Ion Ratio Lower Upper
43 100
72 28.9 18.6 27.8

Manual Integrations
APPROVED

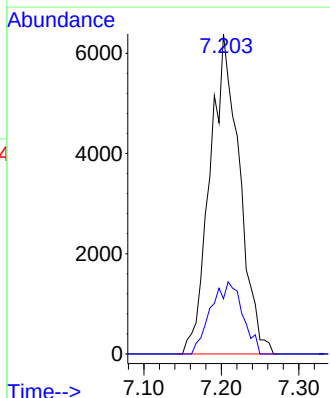
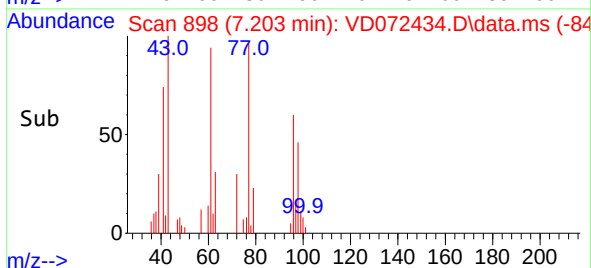
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

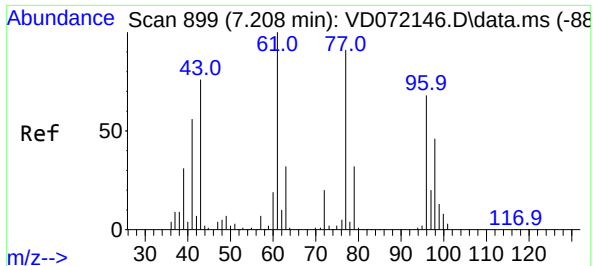


#26
2,2-Dichloropropane
Concen: 2.345 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



Tgt Ion: 77 Resp: 16946
Ion Ratio Lower Upper
77 100
97 24.1 10.8 32.4





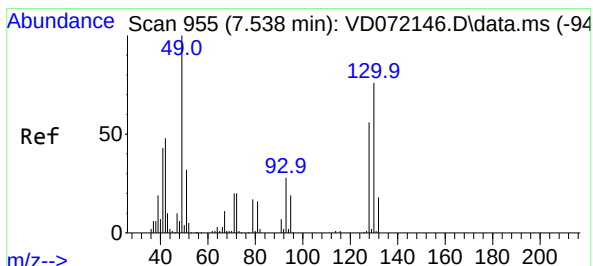
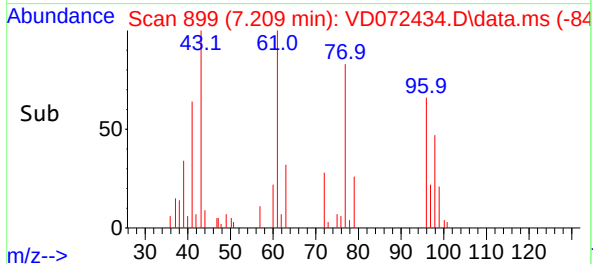
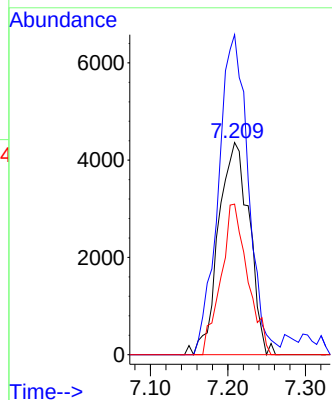
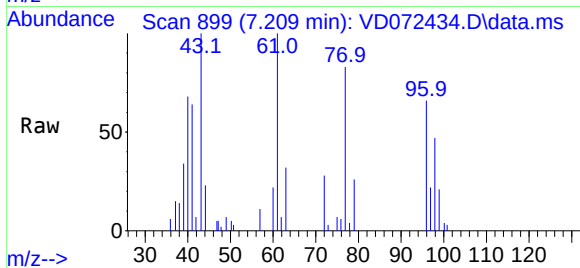
#27
cis-1,2-Dichloroethene
Concen: 2.507 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion: 96 Resp: 12050
Ion Ratio Lower Upper
96 100
61 147.3 0.0 313.8
98 61.6 0.0 128.8

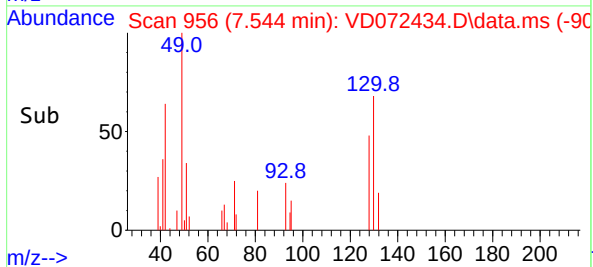
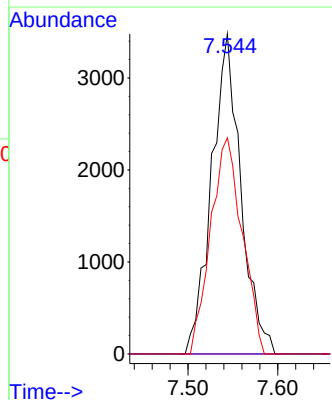
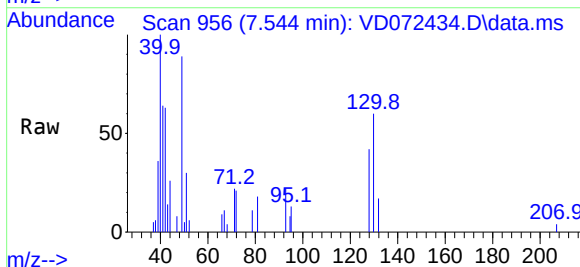
Manual Integrations
APPROVED

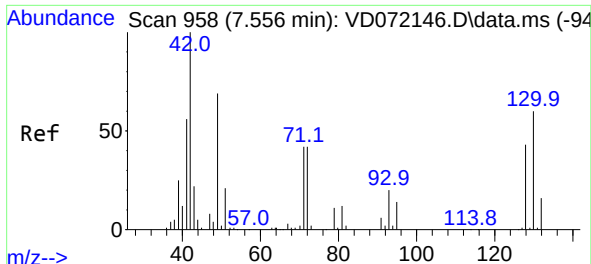
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#28
Bromochloromethane
Concen: 2.441 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

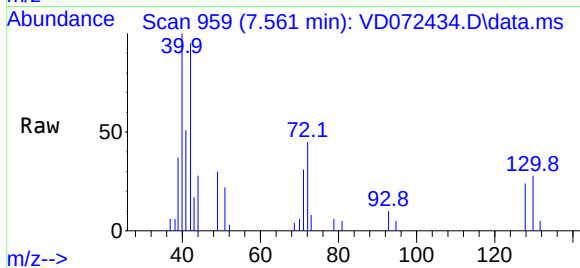
Tgt Ion: 49 Resp: 7872
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 72.9 52.6 79.0





#29
Tetrahydrofuran
Concen: 16.811 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

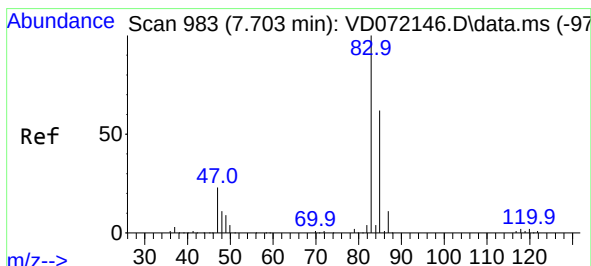
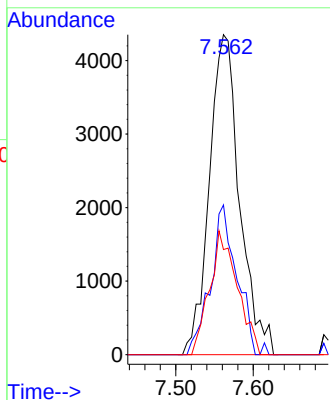
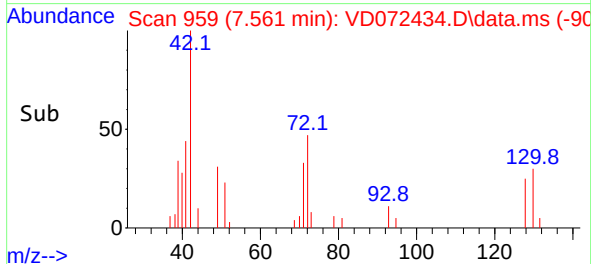
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



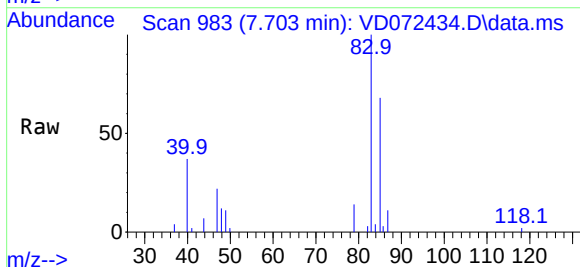
Tgt Ion: 42 Resp: 1181
Ion Ratio Lower Upper
42 100
72 40.1 30.7 46.1
71 35.5 28.6 43.0

Manual Integrations
APPROVED

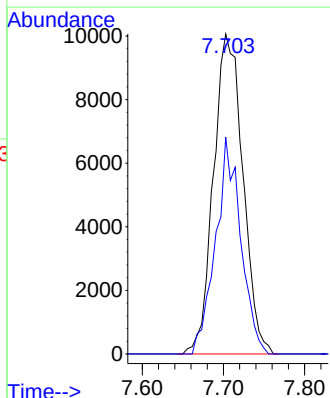
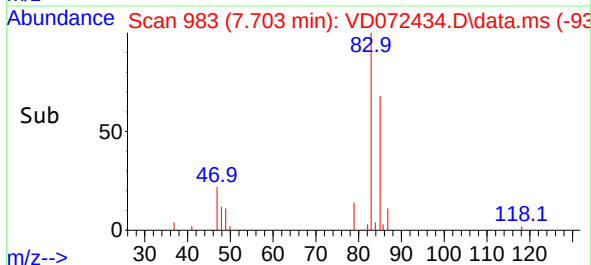
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

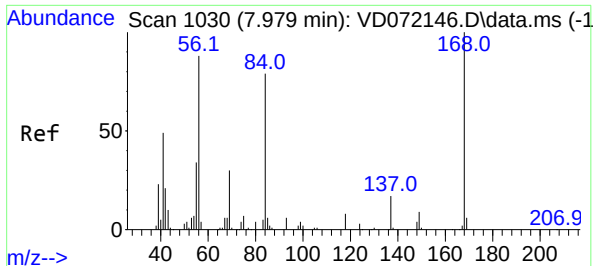


#30
Chloroform
Concen: 2.958 ug/l
RT: 7.703 min Scan# 983
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



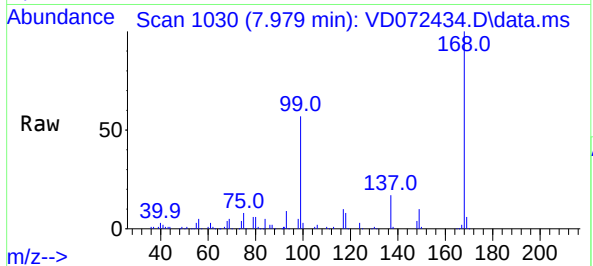
Tgt Ion: 83 Resp: 25243
Ion Ratio Lower Upper
83 100
85 67.8 52.7 79.1





#31
Cyclohexane
Concen: 3.128 ug/l
RT: 7.979 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

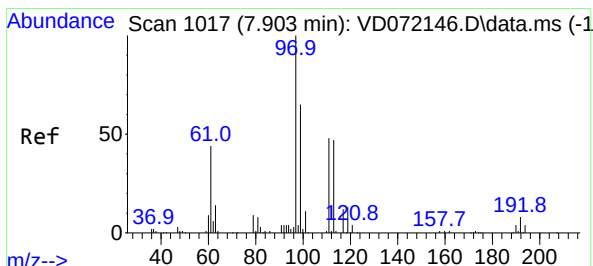
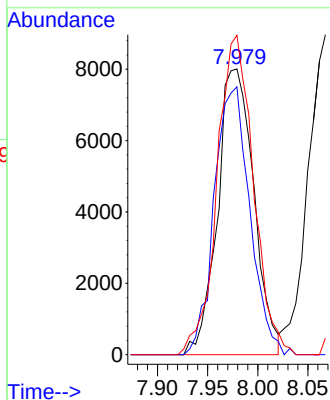
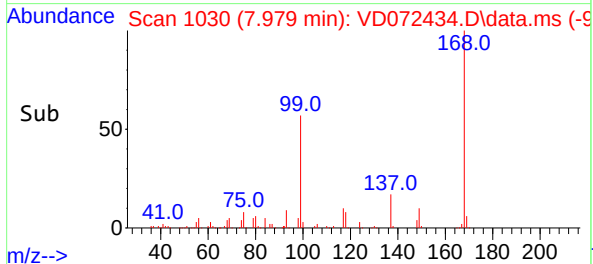
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



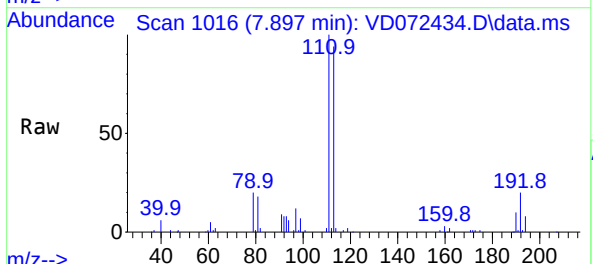
Tgt Ion: 56 Resp: 20178
Ion Ratio Lower Upper
56 100
69 93.7 25.4 38.2
84 111.8 63.0 94.4

Manual Integrations
APPROVED

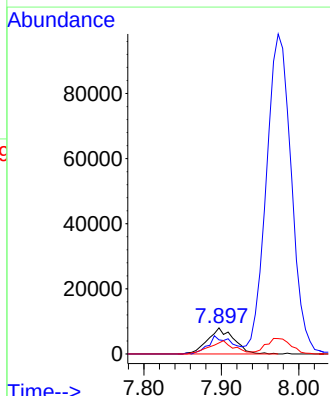
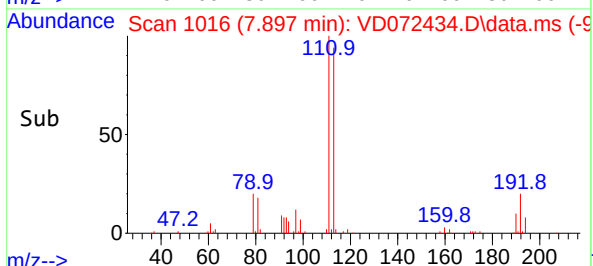
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

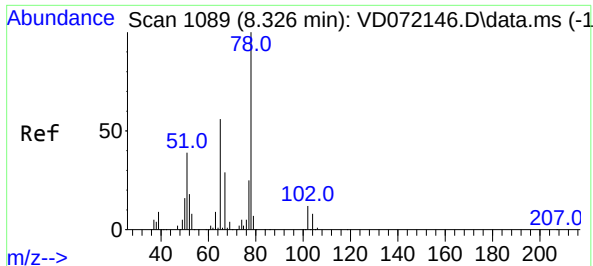


#32
1,1,1-Trichloroethane
Concen: 2.492 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



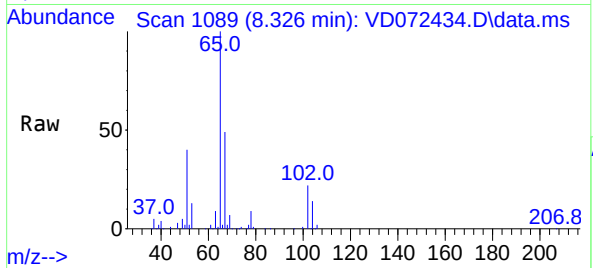
Tgt Ion: 97 Resp: 18882
Ion Ratio Lower Upper
97 100
99 62.6 52.4 78.6
61 47.1 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 54.069 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

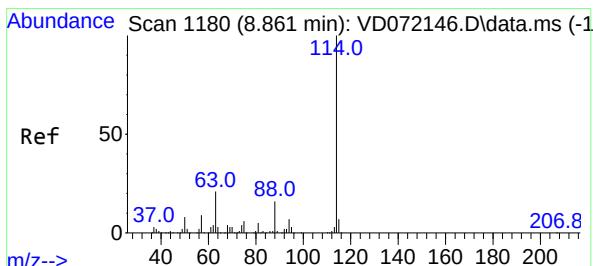
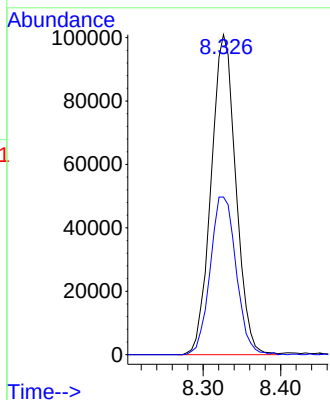
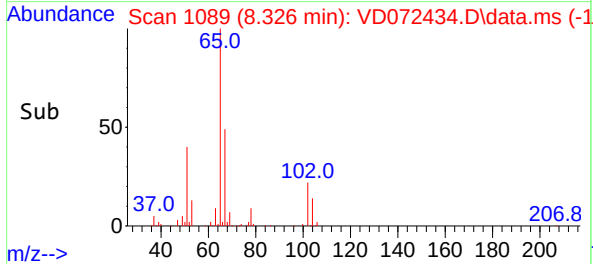
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



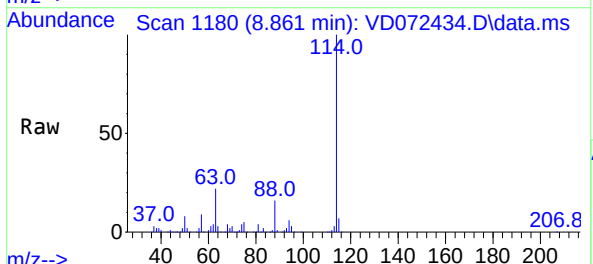
Tgt Ion: 65 Resp: 22327
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.4

Manual Integrations
APPROVED

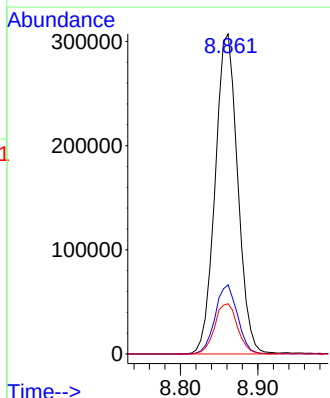
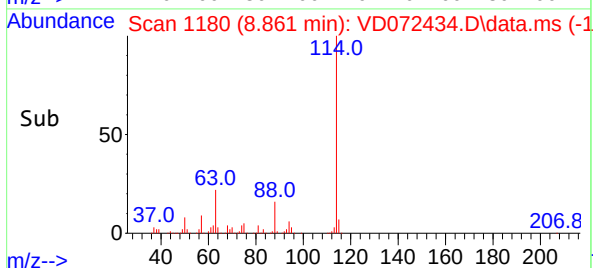
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

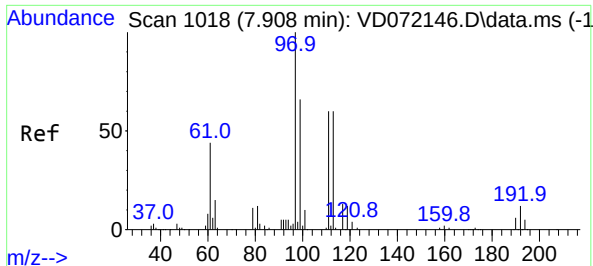


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



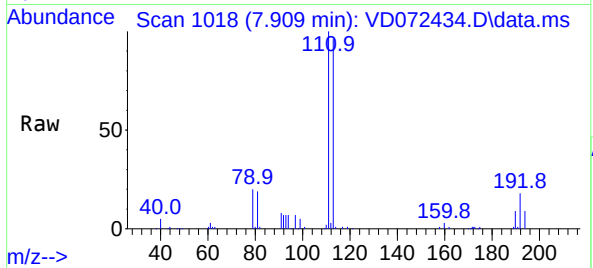
Tgt Ion:114 Resp: 621013
Ion Ratio Lower Upper
114 100
63 21.6 0.0 46.6
88 15.7 0.0 33.2





#35
Dibromofluoromethane
Concen: 48.663 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

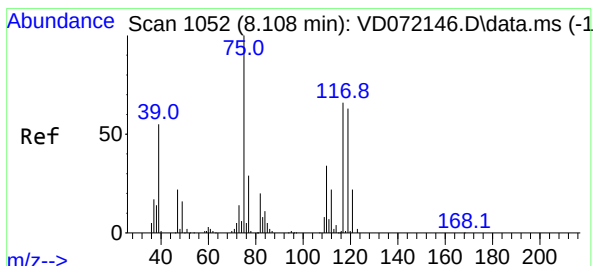
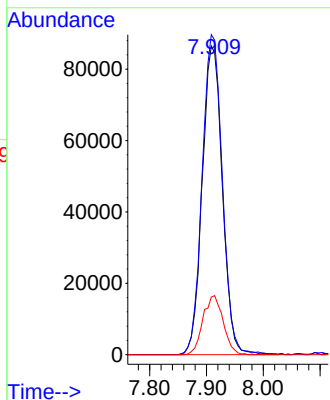
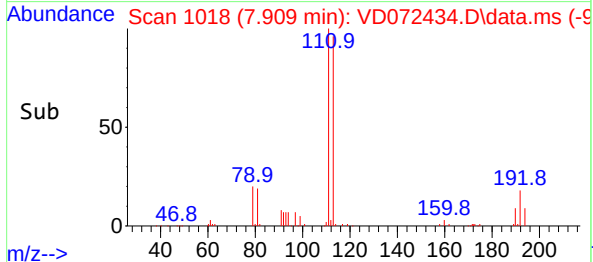
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:113 Resp: 212664
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 19.2 14.6 21.8

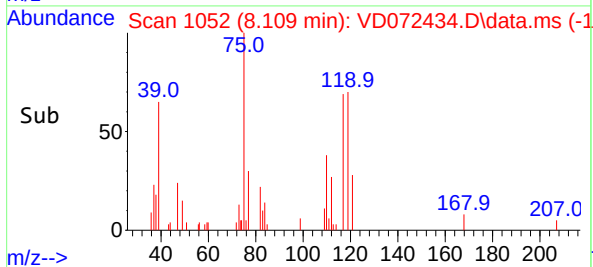
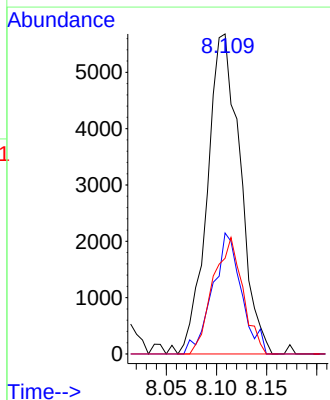
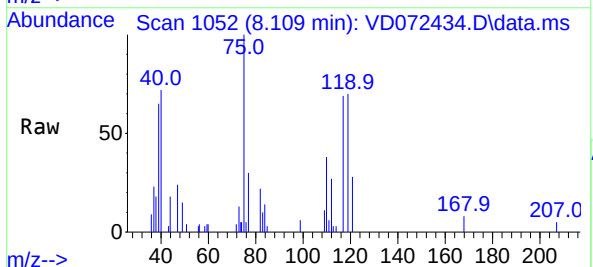
Manual Integrations
APPROVED

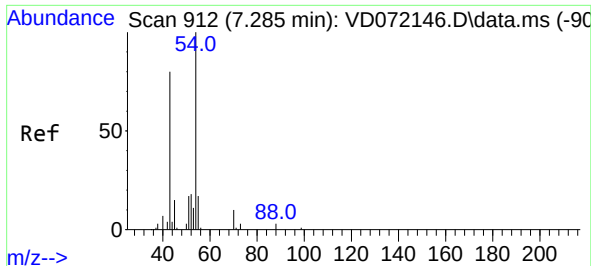
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#36
1,1-Dichloropropene
Concen: 2.109 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

Tgt Ion: 75 Resp: 12930
Ion Ratio Lower Upper
75 100
110 33.1 16.4 49.1
77 32.9 24.2 36.2





#37

Ethyl Acetate

Concen: 3.234 ug/l

RT: 7.297 min Scan# 912

Delta R.T. 0.012 min

Lab File: VD072434.D

Acq: 25 Mar 2022 17:38

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2022

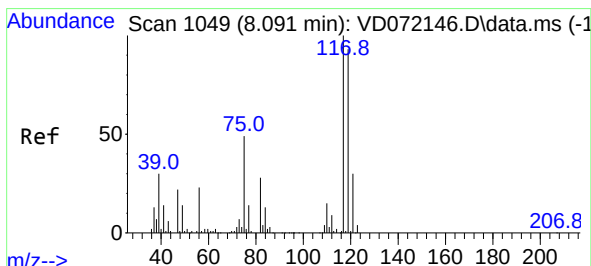
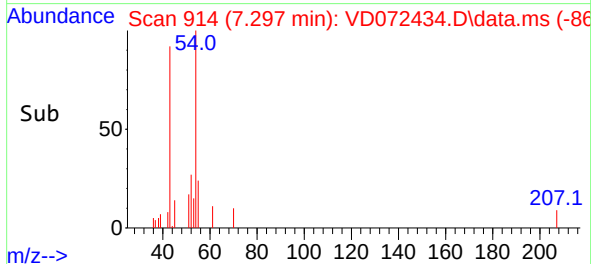
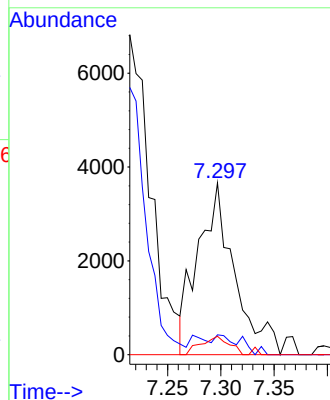
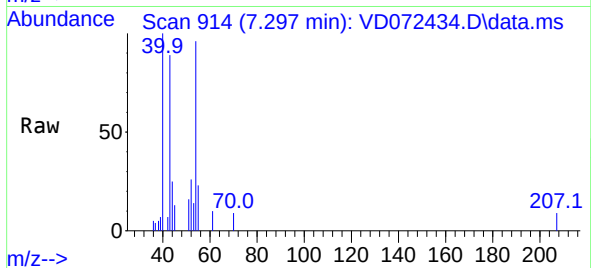
Tgt Ion: 43 Resp: 868

Ion	Ratio	Lower	Upper
43	100		
61	8.3	9.8	14.8
70	8.2	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#38

Carbon Tetrachloride

Concen: 1.984 ug/l

RT: 8.091 min Scan# 1049

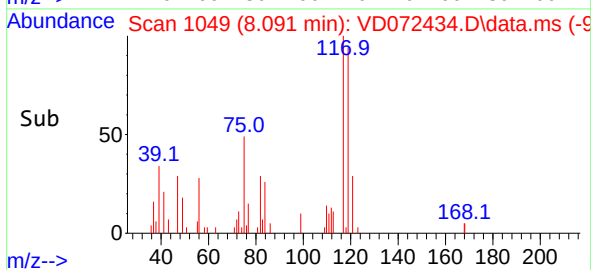
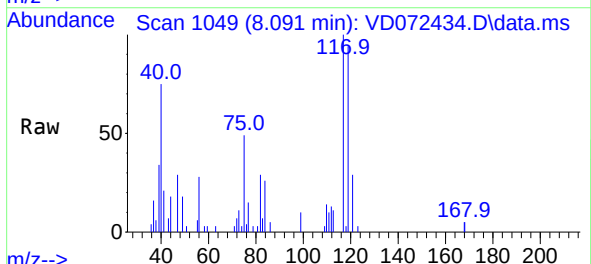
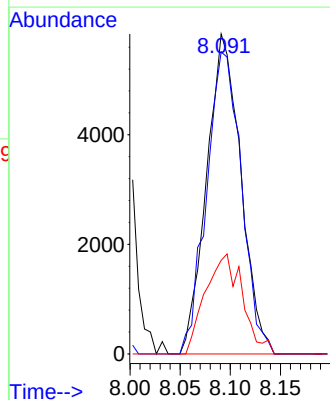
Delta R.T. 0.000 min

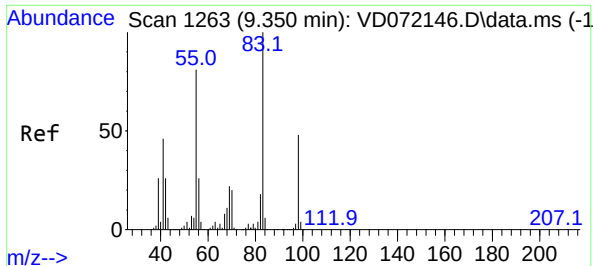
Lab File: VD072434.D

Acq: 25 Mar 2022 17:38

Tgt Ion:117 Resp: 13829

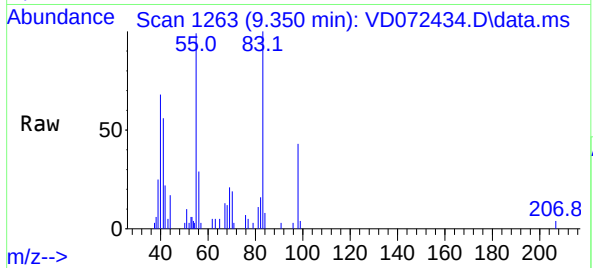
Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.8	113.6
121	29.2	24.5	36.7





#39
Methylcyclohexane
Concen: 1.775 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

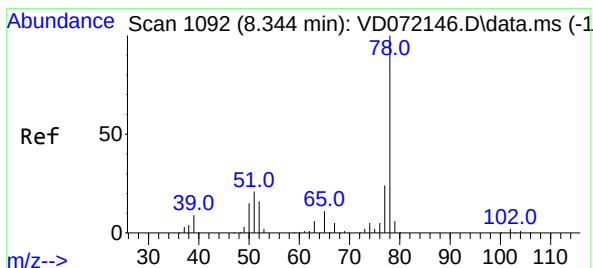
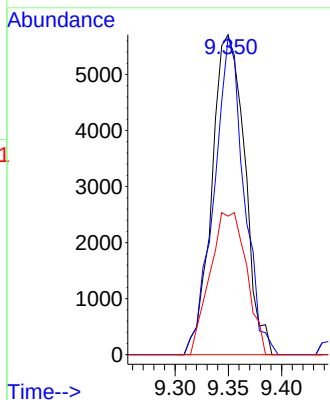
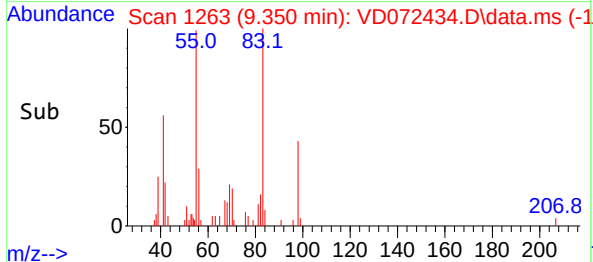
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion: 83 Resp: 1224
Ion Ratio Lower Upper
83 100
55 99.2 63.2 94.8
98 43.3 38.2 57.4

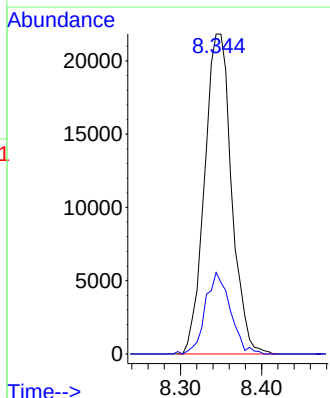
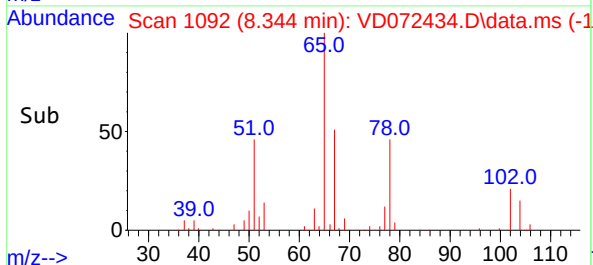
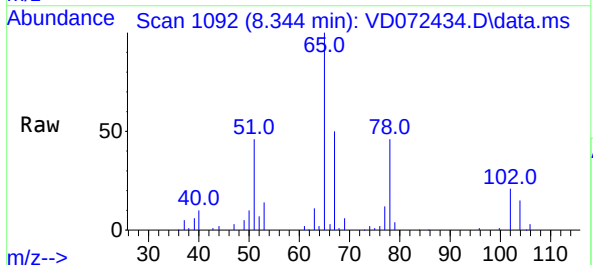
Manual Integrations
APPROVED

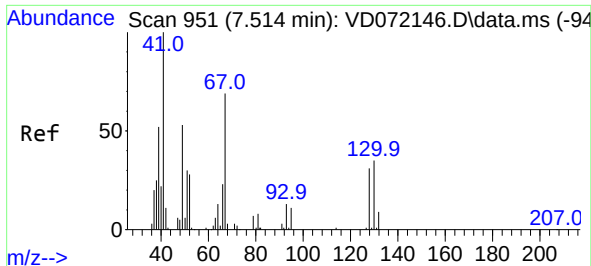
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#40
Benzene
Concen: 2.885 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

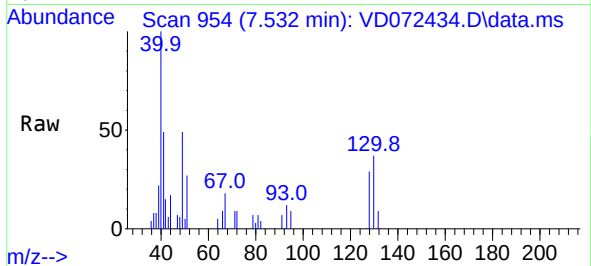
Tgt Ion: 78 Resp: 50458
Ion Ratio Lower Upper
78 100
77 25.4 19.1 28.7





#41
Methacrylonitrile
Concen: 3.533 ug/l m
RT: 7.532 min Scan# 951
Delta R.T. 0.018 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

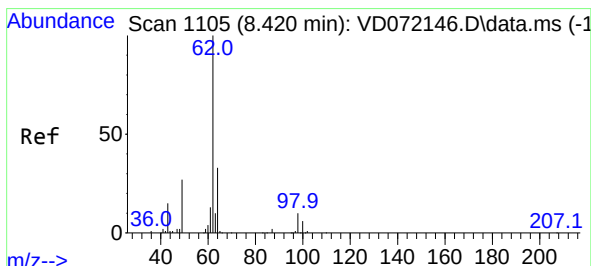
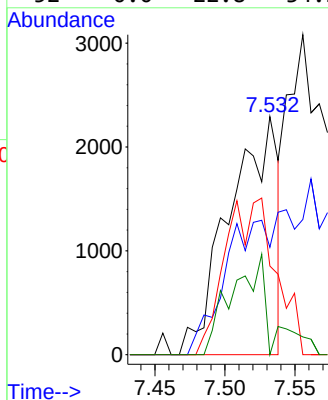
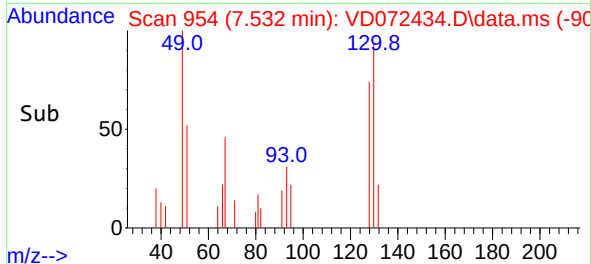
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion: 41 Resp: 5530
Ion Ratio Lower Upper
41 100
39 0.0 44.6 67.0
67 0.0 48.2 72.4
52 0.0 22.8 34.2

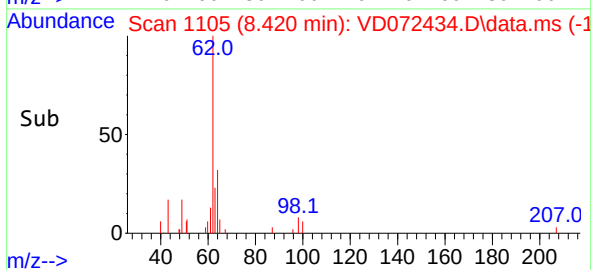
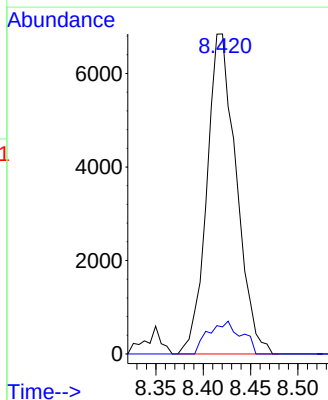
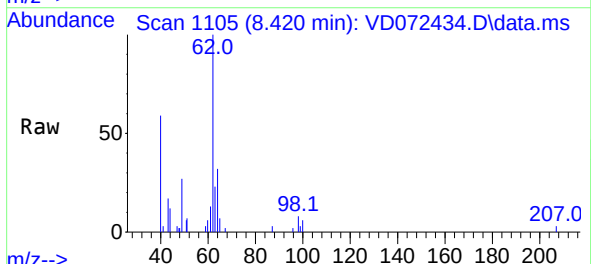
Manual Integrations
APPROVED

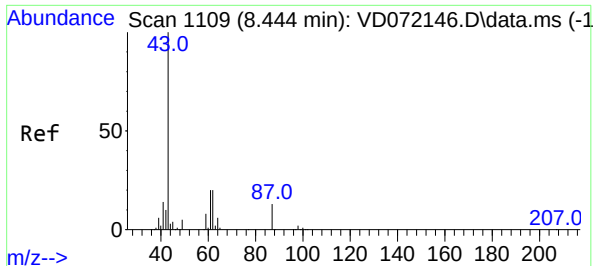
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#42
1,2-Dichloroethane
Concen: 2.789 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

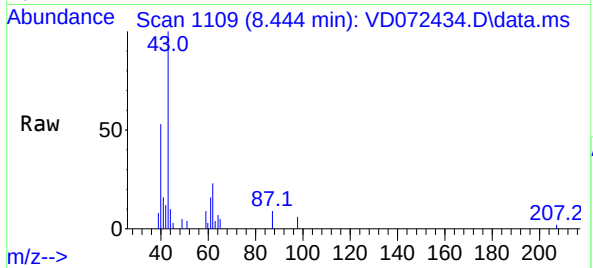
Tgt Ion: 62 Resp: 14796
Ion Ratio Lower Upper
62 100
98 11.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 3.055 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

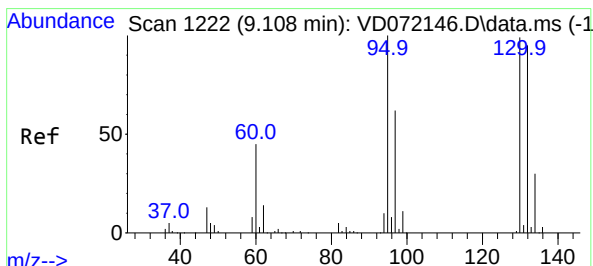
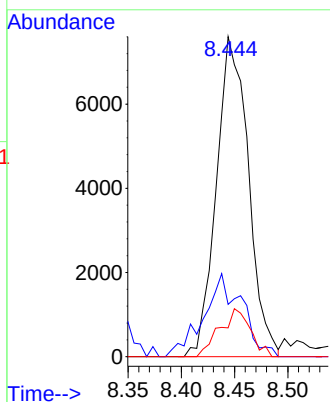
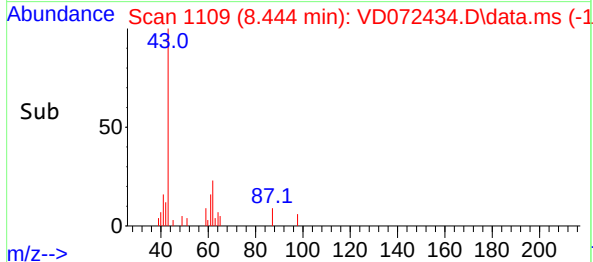
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



Tgt Ion: 43 Resp: 1592
Ion Ratio Lower Upper
43 100
61 31.0 22.4 33.6
87 14.3 8.7 13.1

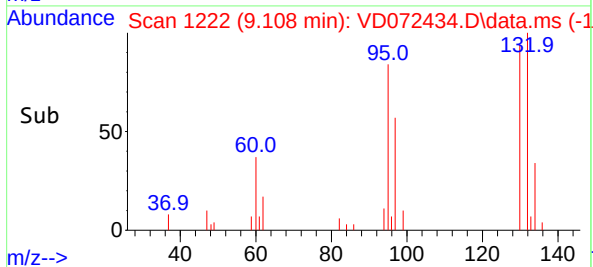
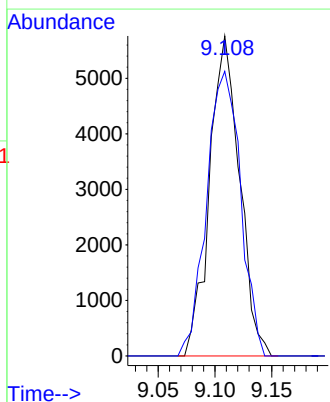
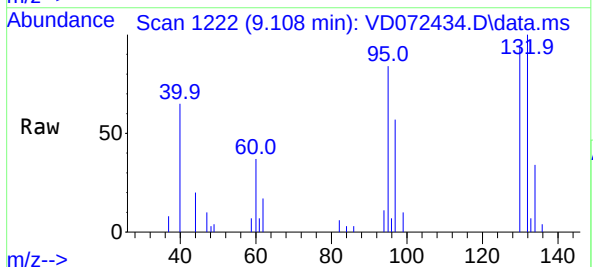
Manual Integrations
APPROVED

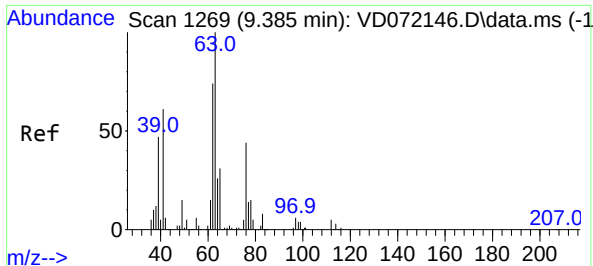
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#44
Trichloroethene
Concen: 2.155 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

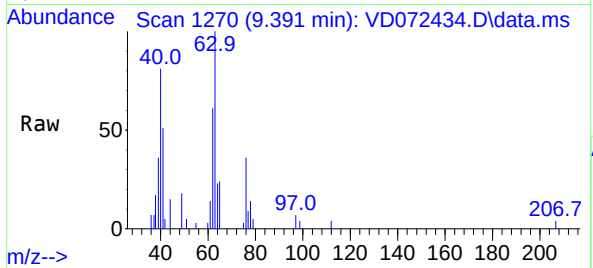
Tgt Ion:130 Resp: 10583
Ion Ratio Lower Upper
130 100
95 88.9 0.0 205.4





#45
1,2-Dichloropropane
Concen: 2.566 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

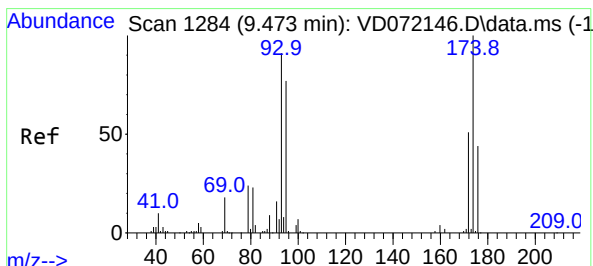
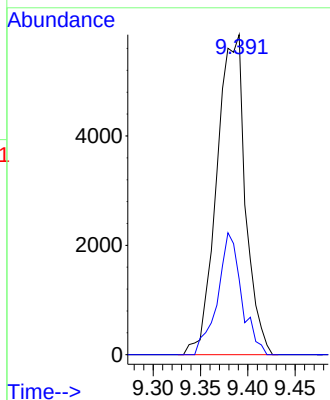
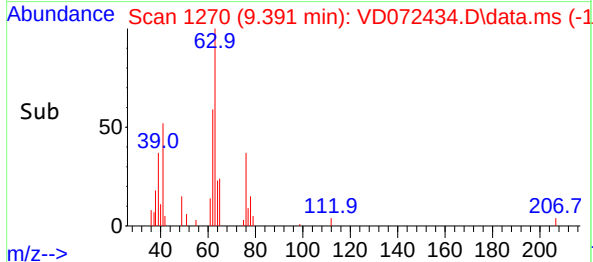
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



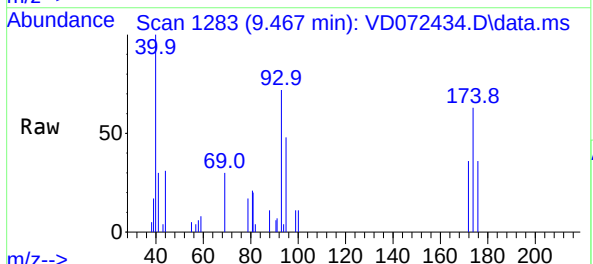
Tgt Ion: 63 Resp: 12309
Ion Ratio Lower Upper
63 100
65 23.6 26.2 39.4

Manual Integrations
APPROVED

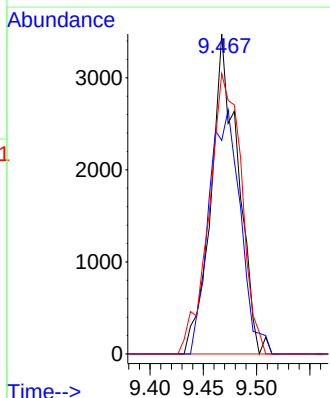
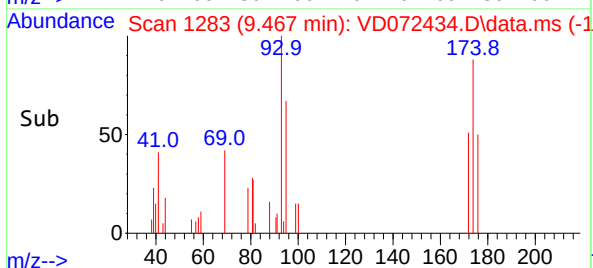
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

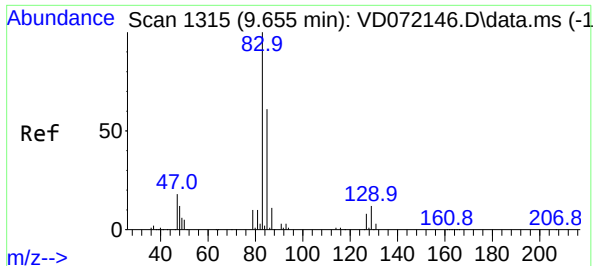


#46
Dibromomethane
Concen: 2.608 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



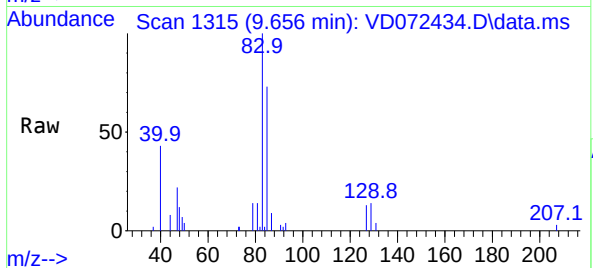
Tgt Ion: 93 Resp: 6154
Ion Ratio Lower Upper
93 100
95 88.8 66.7 100.1
174 104.5 71.6 107.4





#47
Bromodichloromethane
Concen: 2.596 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

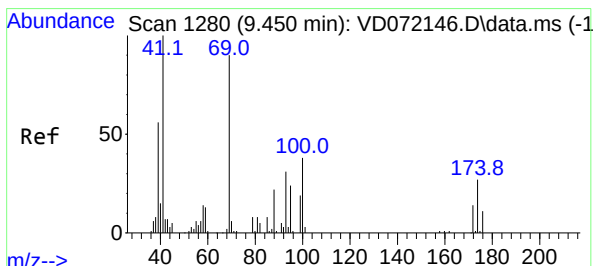
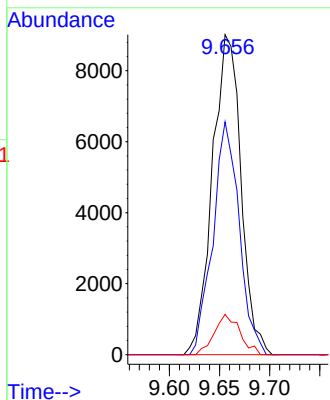
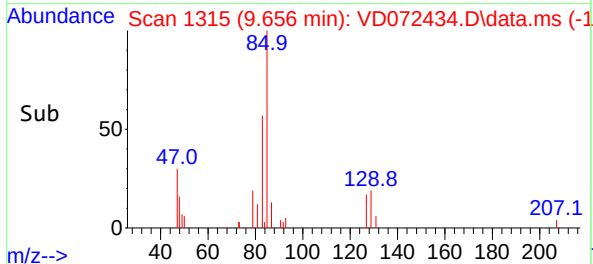
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



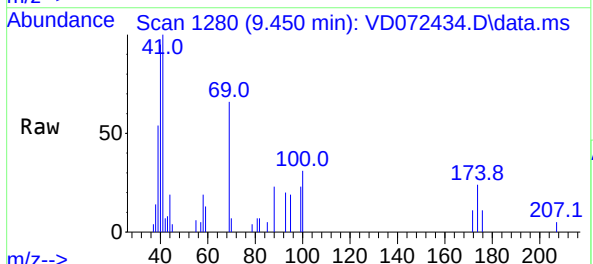
Tgt Ion: 83 Resp: 17854
Ion Ratio Lower Upper
83 100
85 72.7 51.4 77.0
127 12.6 6.1 9.1

Manual Integrations
APPROVED

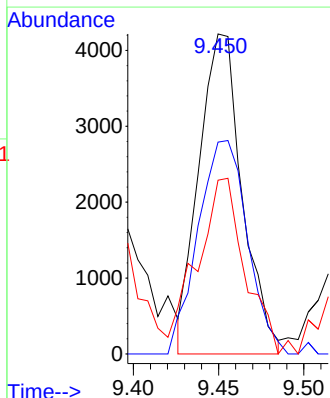
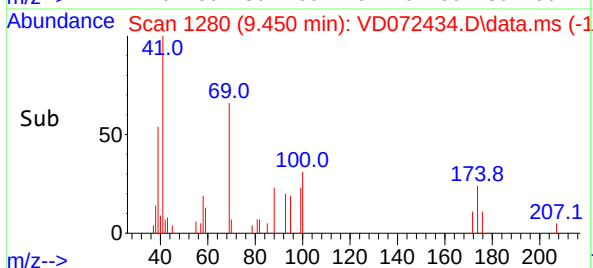
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

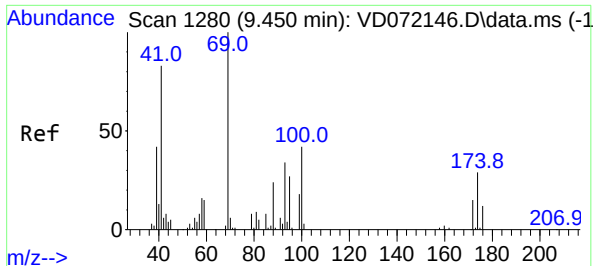


#48
Methyl methacrylate
Concen: 2.992 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



Tgt Ion: 41 Resp: 7447
Ion Ratio Lower Upper
41 100
69 76.2 56.7 85.1
39 60.8 42.7 64.1





#49

1,4-Dioxane

Concen: 68.634 ug/l

RT: 9.456 min Scan# 1280

Delta R.T. 0.006 min

Lab File: VD072434.D

Acq: 25 Mar 2022 17:38

Instrument :

MSVOA_D

ClientSampleId :

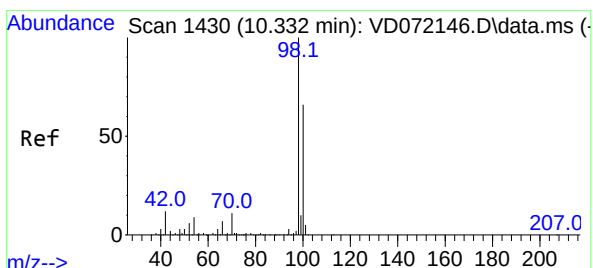
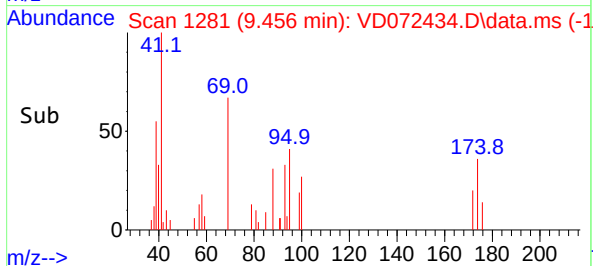
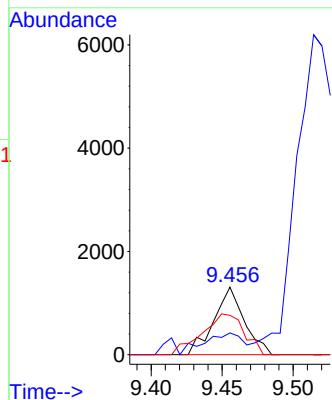
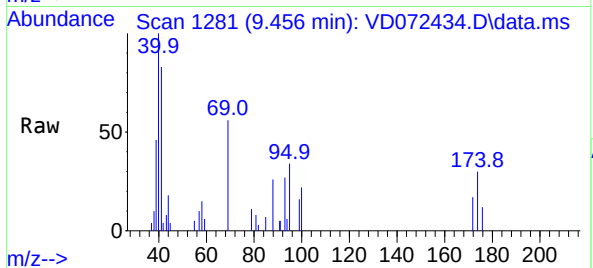
MDL-SOIL-03-QT1-2022

Tgt Ion:	88	Resp:	194
Ion	Ratio	Lower	Upper
88	100		
43	41.1	31.0	46.4
58	83.4	58.1	87.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#50

Toluene-d8

Concen: 47.654 ug/l

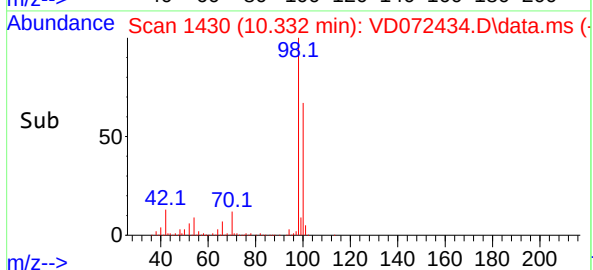
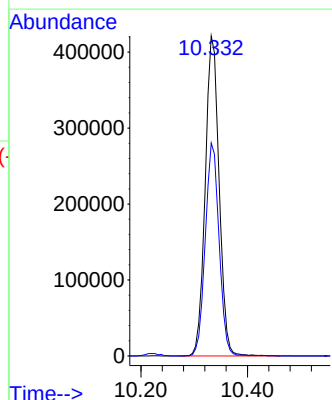
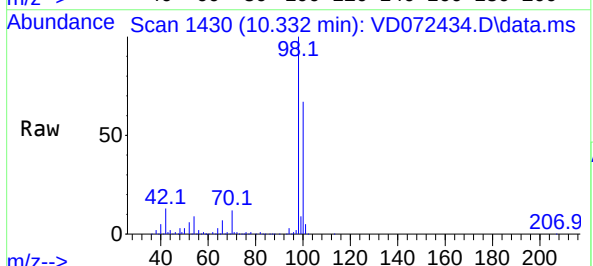
RT: 10.332 min Scan# 1430

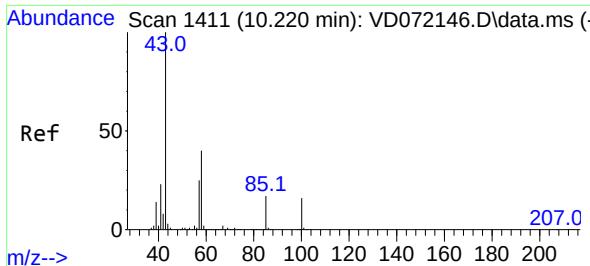
Delta R.T. 0.000 min

Lab File: VD072434.D

Acq: 25 Mar 2022 17:38

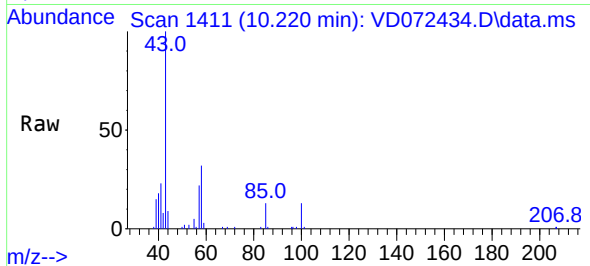
Tgt Ion:	98	Resp:	761489
Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.4	78.6





#51
4-Methyl-2-Pentanone
Concen: 15.508 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

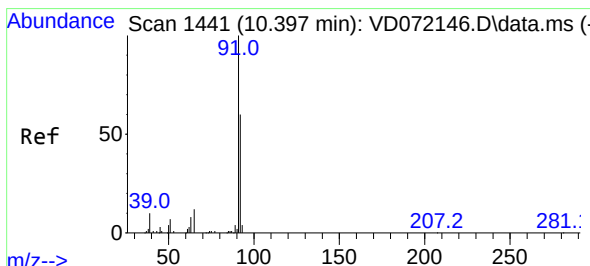
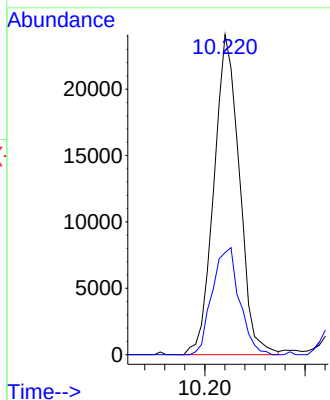
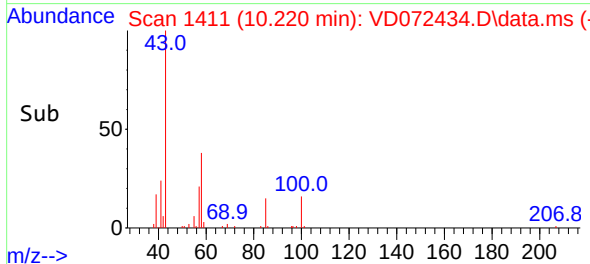
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion: 43 Resp: 4245
Ion Ratio Lower Upper
43 100
58 35.7 28.6 43.0

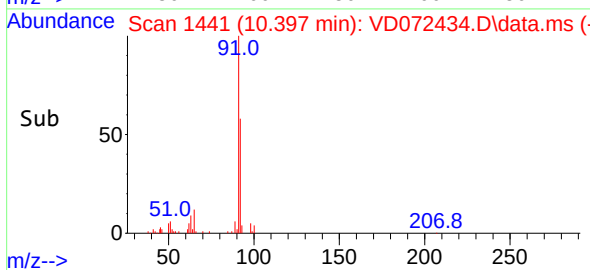
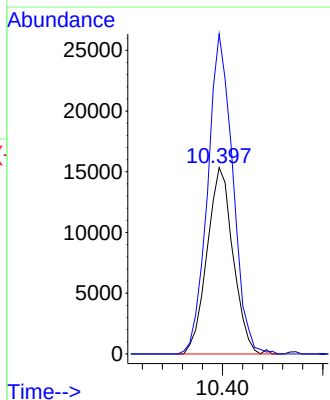
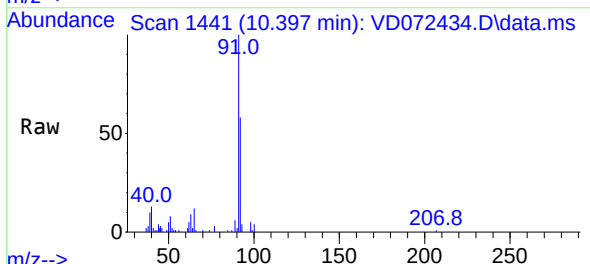
Manual Integrations
APPROVED

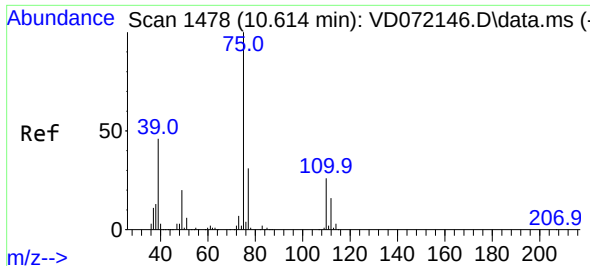
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#52
Toluene
Concen: 2.405 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

Tgt Ion: 92 Resp: 27676
Ion Ratio Lower Upper
92 100
91 166.2 139.6 209.4





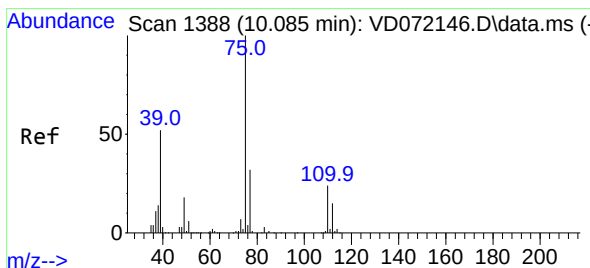
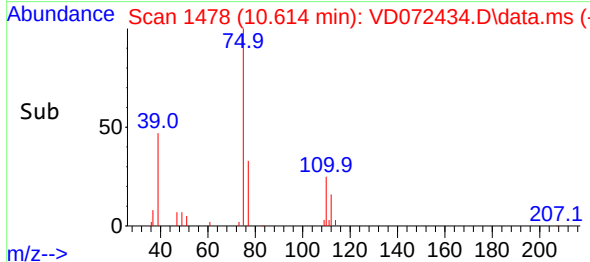
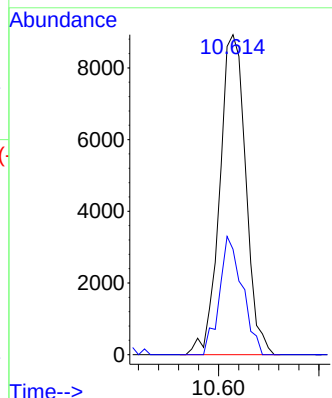
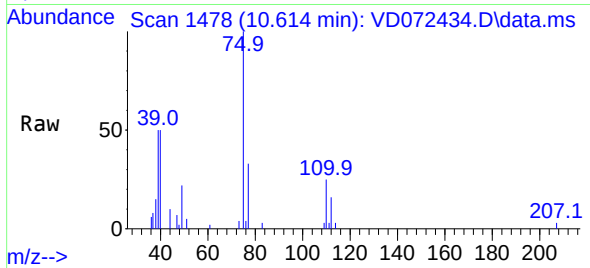
#53
t-1,3-Dichloropropene
Concen: 2.553 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022

Tgt Ion: 75 Resp: 16049
Ion Ratio Lower Upper
75 100
77 32.9 24.5 36.7

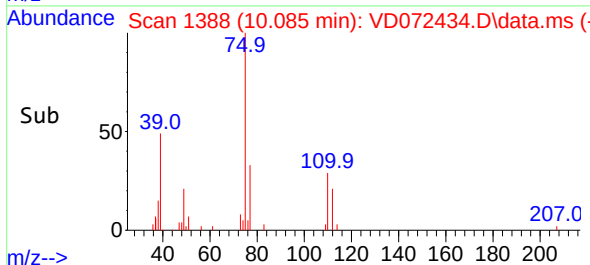
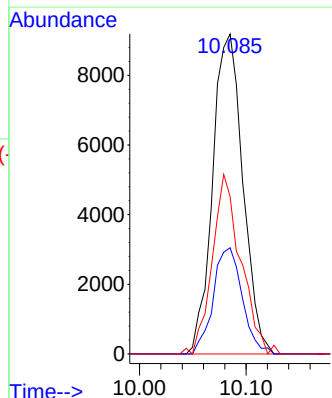
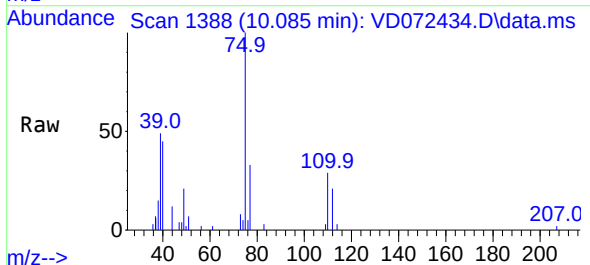
Manual Integrations
APPROVED

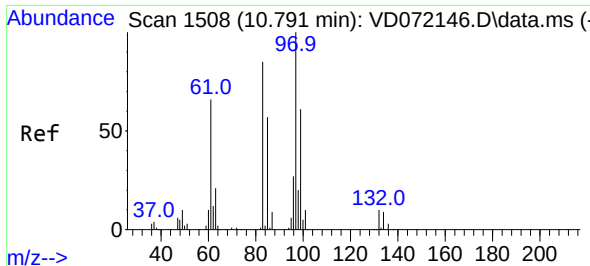
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#54
cis-1,3-Dichloropropene
Concen: 2.491 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

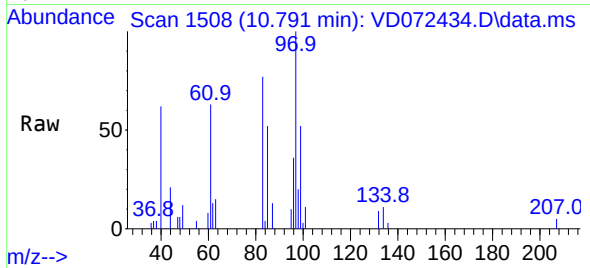
Tgt Ion: 75 Resp: 18098
Ion Ratio Lower Upper
75 100
77 33.2 24.8 37.2
39 49.2 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 2.958 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

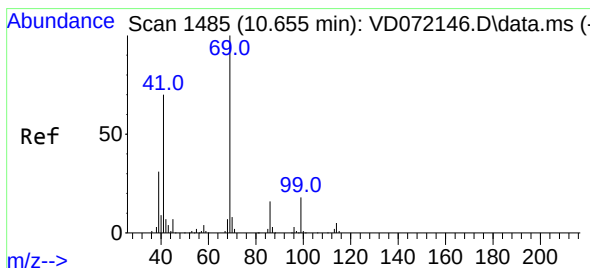
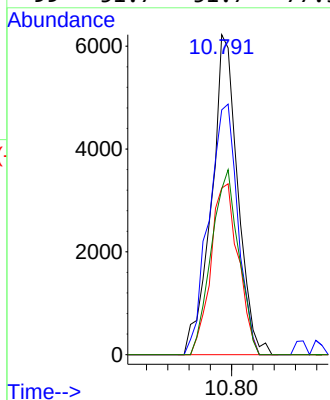
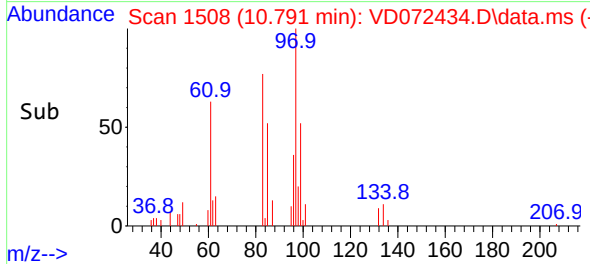
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



Tgt Ion	Ratio	Lower	Upper
97	100		
83	76.5	69.0	103.4
85	52.0	42.6	63.8
99	51.7	51.7	77.5

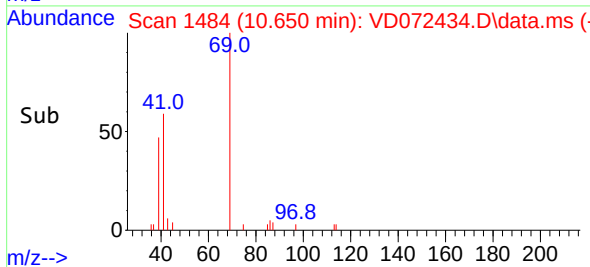
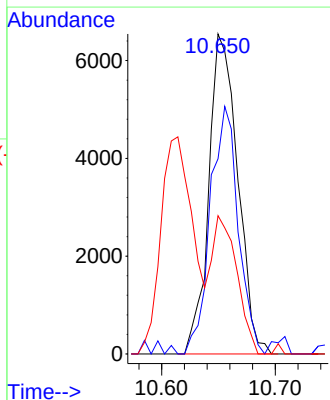
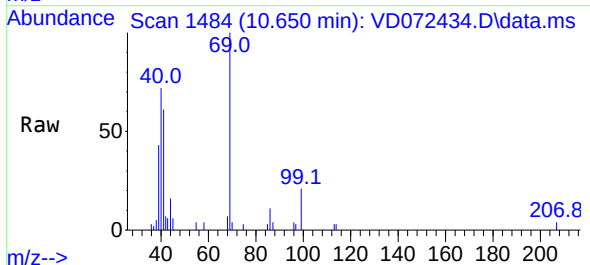
Manual Integrations
APPROVED

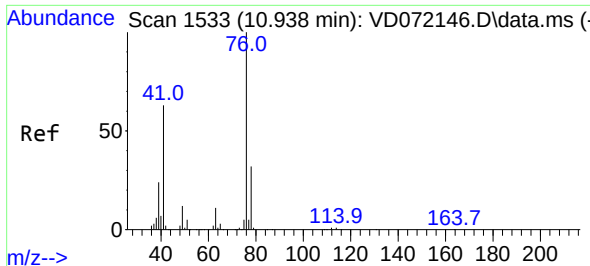
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#56
Ethyl methacrylate
Concen: 2.747 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.9	63.0	94.6
39	37.8	33.8	50.8





#57

1,3-Dichloropropane

Concen: 2.746 ug/l

RT: 10.944 min Scan# 1534

Delta R.T. 0.006 min

Lab File: VD072434.D

Acq: 25 Mar 2022 17:38

Instrument :

MSVOA_D

ClientSampleId :

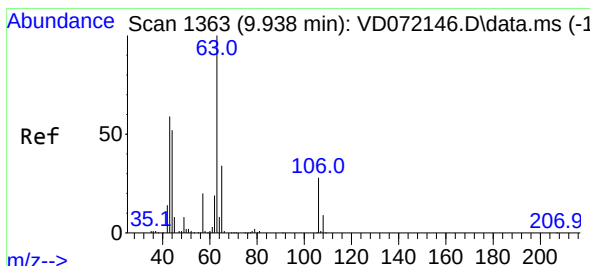
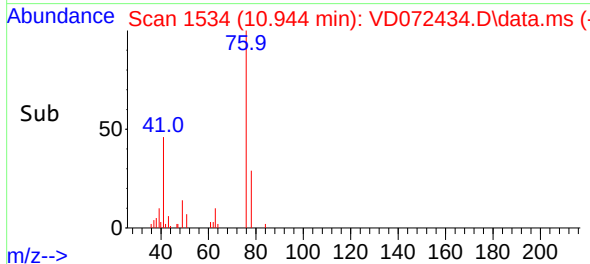
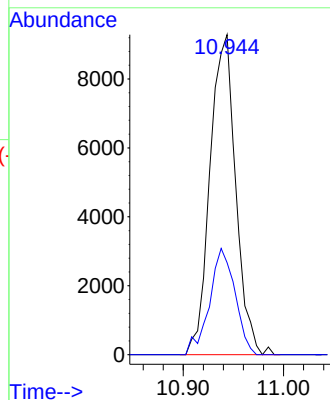
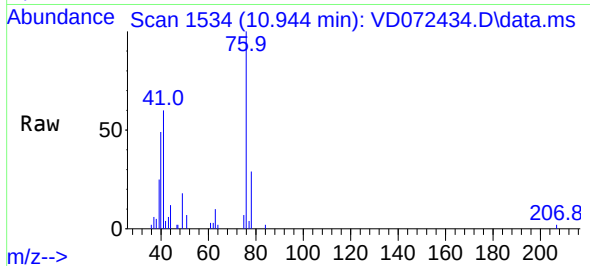
MDL-SOIL-03-QT1-2022

Tgt Ion: 76 Resp: 1656
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022
 Supervised By :Semsettin Yesilyurt 03/29/2022



#58

2-Chloroethyl Vinyl ether

Concen: 10.591 ug/l

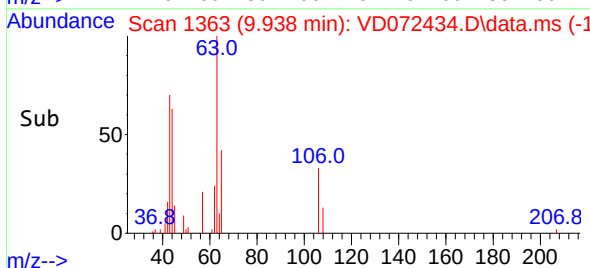
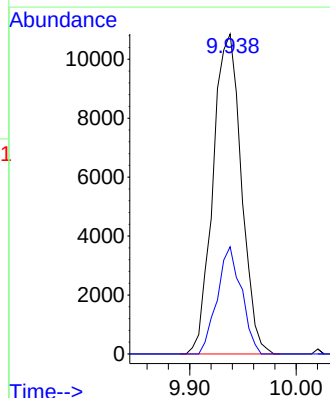
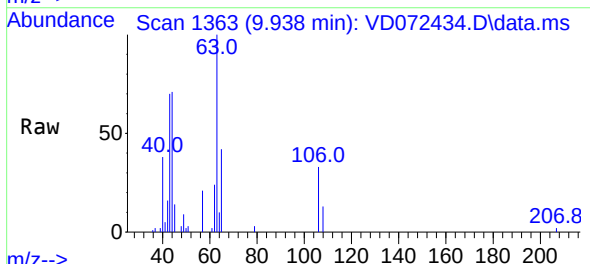
RT: 9.938 min Scan# 1363

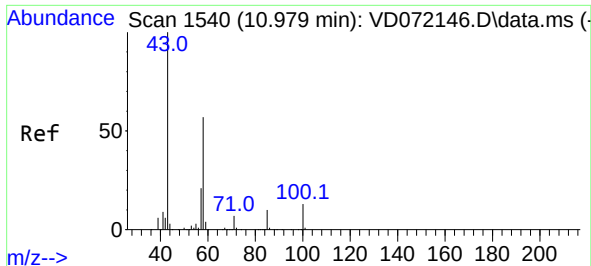
Delta R.T. 0.000 min

Lab File: VD072434.D

Acq: 25 Mar 2022 17:38

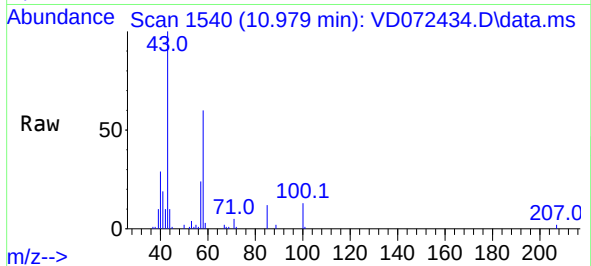
Tgt Ion: 63 Resp: 20048
 Ion Ratio Lower Upper
 63 100
 106 28.6 21.4 32.0





#59
2-Hexanone
Concen: 14.662 ug/l
RT: 10.979 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

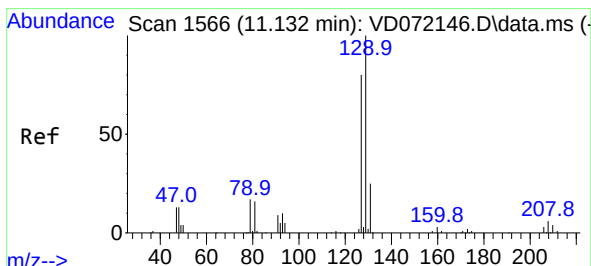
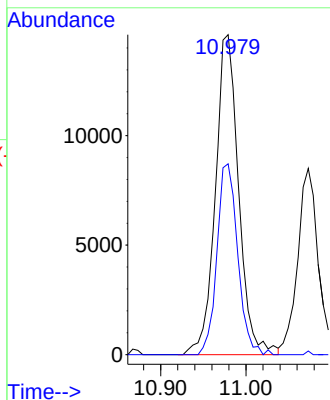
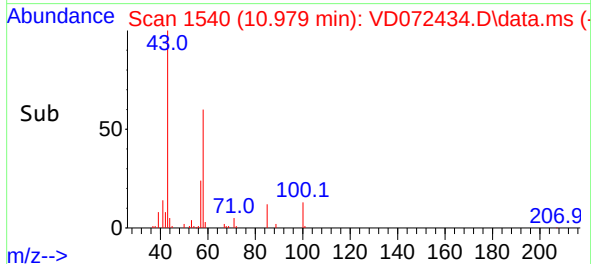
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



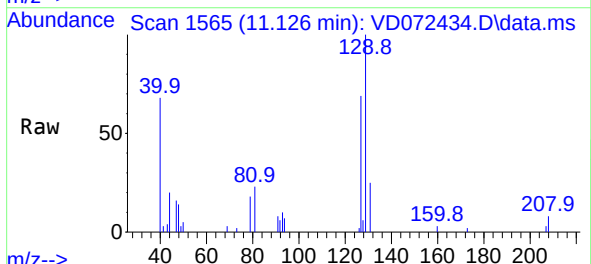
Tgt Ion: 43 Resp: 2772
Ion Ratio Lower Upper
43 100
58 53.1 25.3 75.9

Manual Integrations
APPROVED

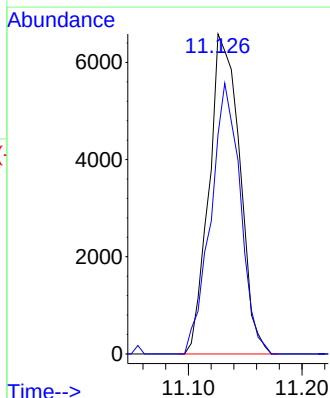
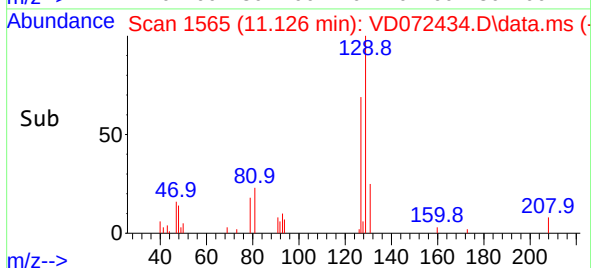
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

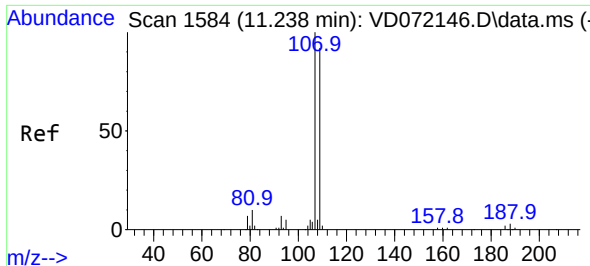


#60
Dibromochloromethane
Concen: 2.644 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



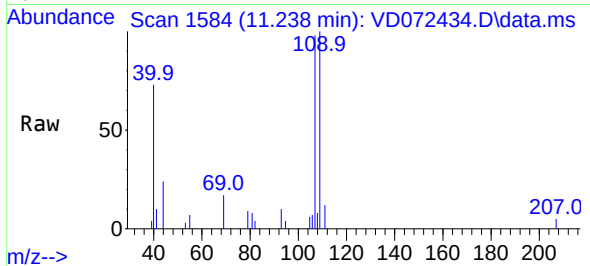
Tgt Ion:129 Resp: 12332
Ion Ratio Lower Upper
129 100
127 81.8 39.2 117.6





#61
1,2-Dibromoethane
Concen: 2.710 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

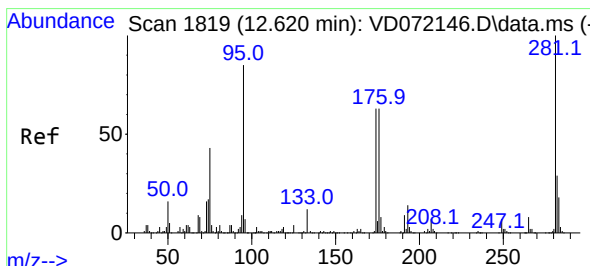
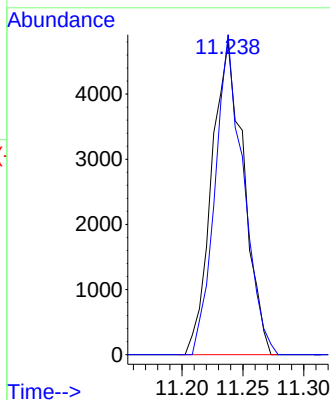
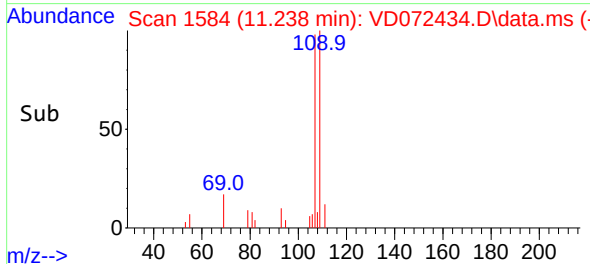
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



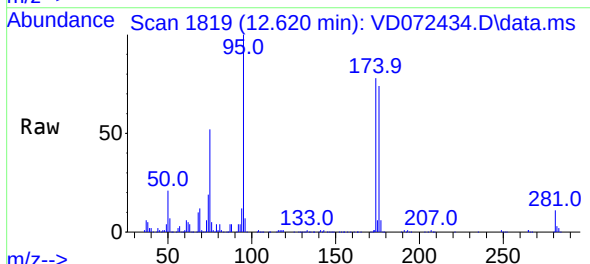
Tgt Ion:107 Resp: 880
Ion Ratio Lower Upper
107 100
109 90.3 74.2 111.4

Manual Integrations
APPROVED

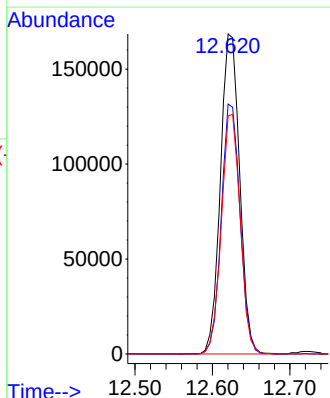
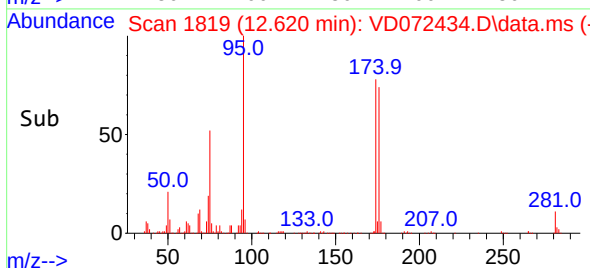
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

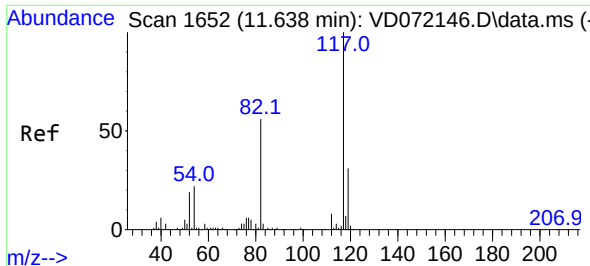


#62
4-Bromofluorobenzene
Concen: 46.864 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



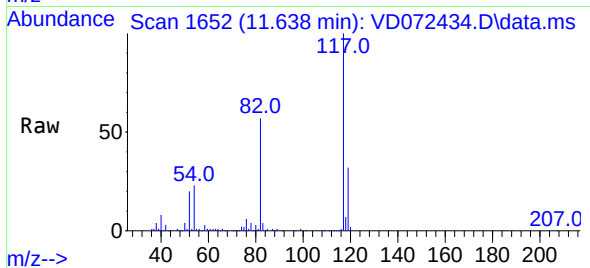
Tgt Ion: 95 Resp: 290969
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 73.4 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

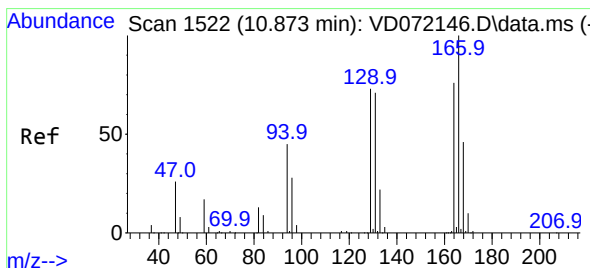
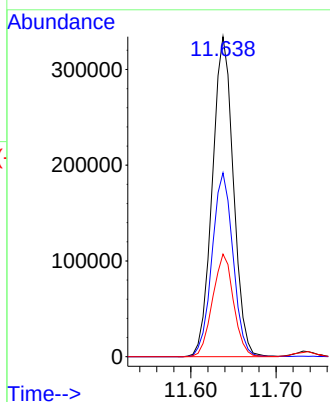
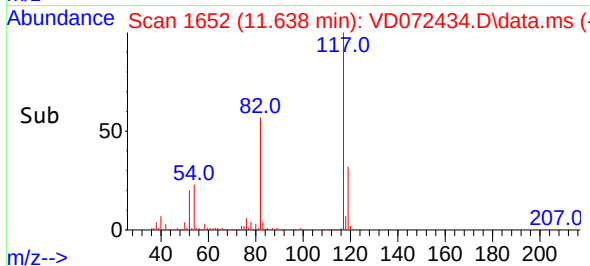
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



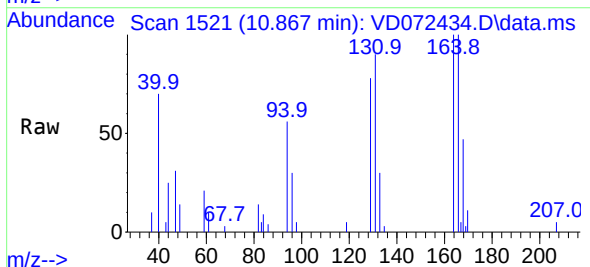
Tgt Ion:117 Resp: 574950
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 32.1 26.6 40.0

Manual Integrations
APPROVED

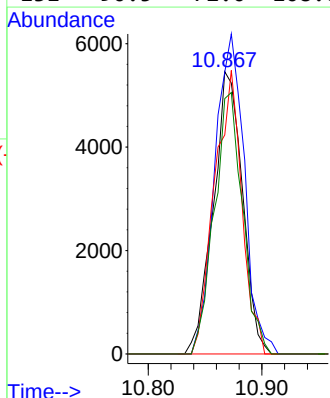
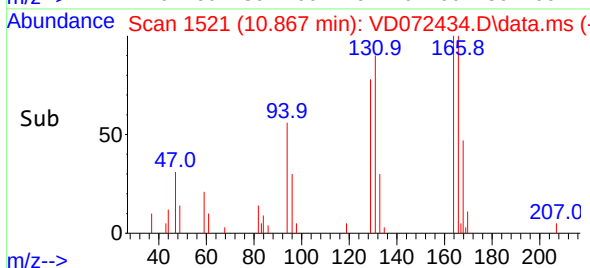
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

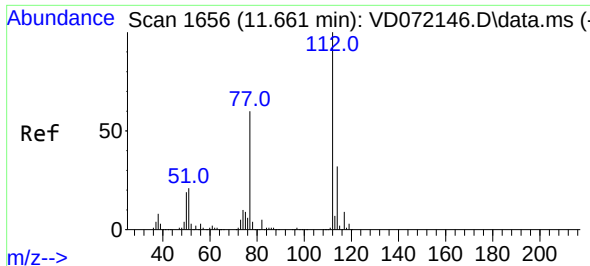


#64
Tetrachloroethene
Concen: 2.413 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



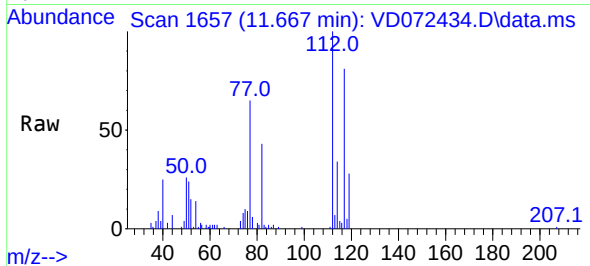
Tgt Ion:164 Resp: 9777
Ion Ratio Lower Upper
164 100
166 99.8 98.5 147.7
129 77.6 74.6 111.8
131 90.5 72.0 108.0





#65
Chlorobenzene
Concen: 2.508 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

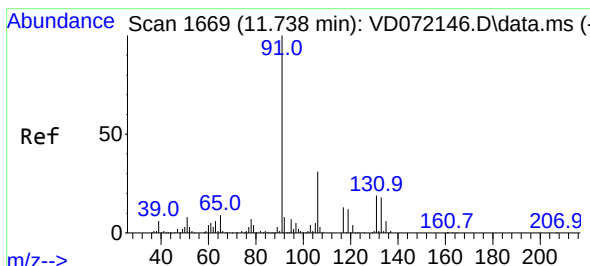
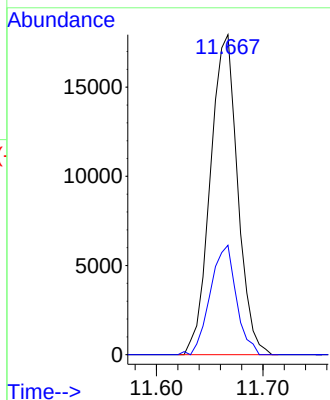
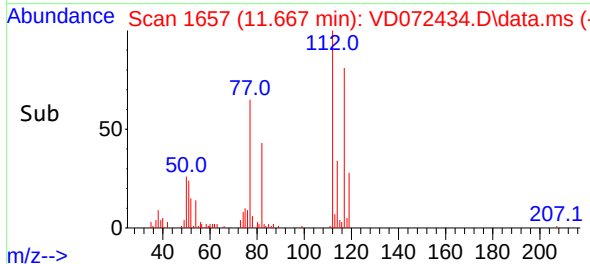
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



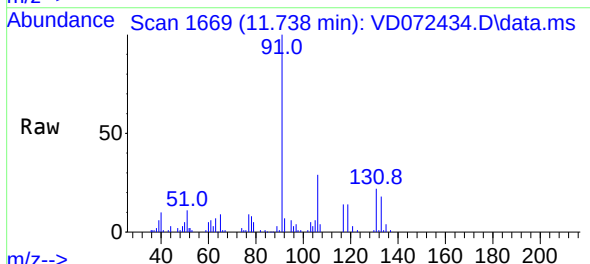
Tgt Ion:112 Resp: 31970
Ion Ratio Lower Upper
112 100
114 34.2 25.8 38.6

Manual Integrations
APPROVED

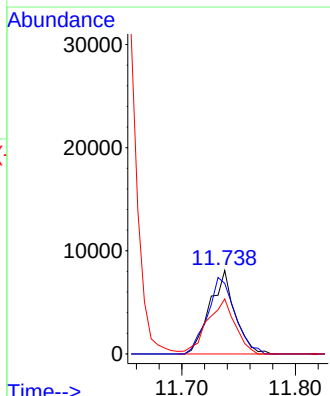
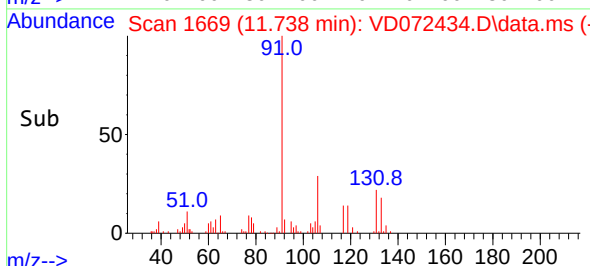
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

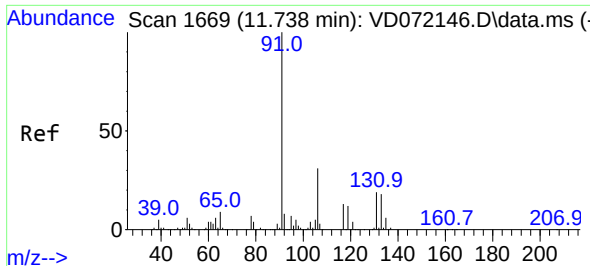


#66
1,1,1,2-Tetrachloroethane
Concen: 2.475 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



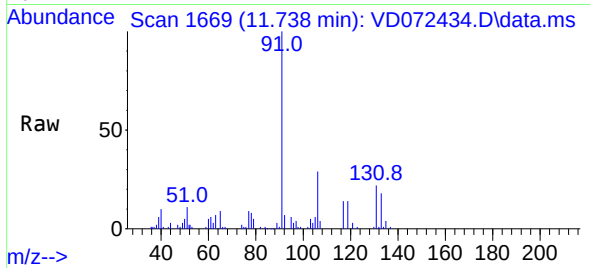
Tgt Ion:131 Resp: 12473
Ion Ratio Lower Upper
131 100
133 99.5 48.1 144.3
119 72.8 31.9 95.9





#67
Ethyl Benzene
Concen: 2.640 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

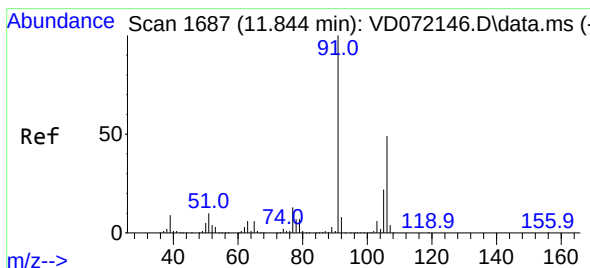
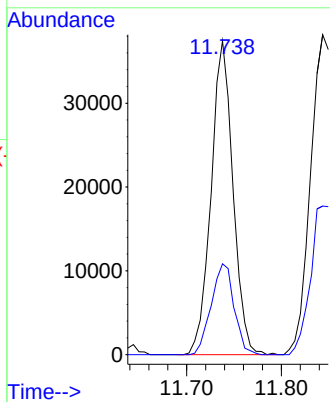
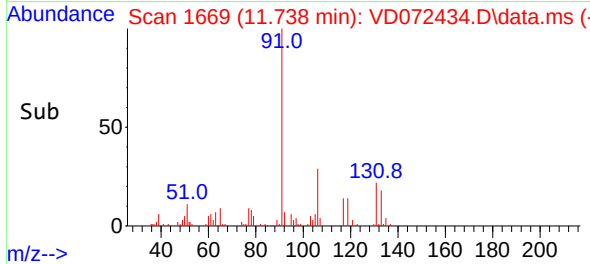
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



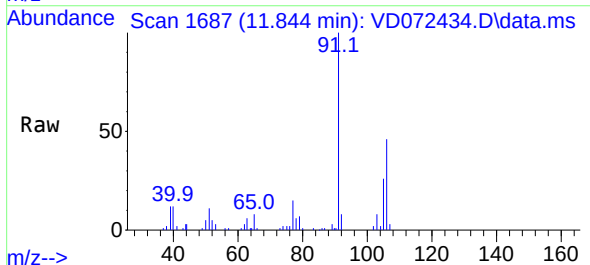
Tgt Ion: 91 Resp: 60090
Ion Ratio Lower Upper
91 100
106 29.0 24.2 36.4

Manual Integrations
APPROVED

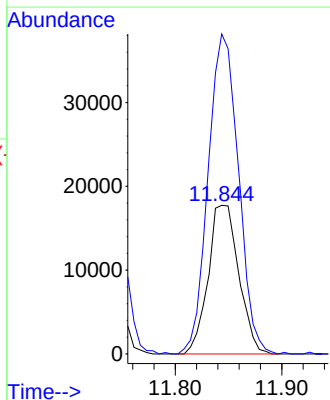
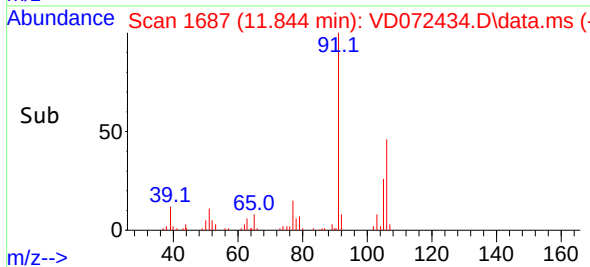
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

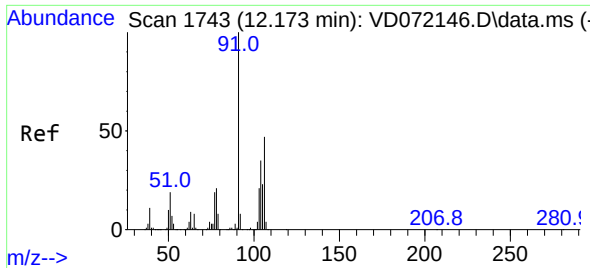


#68
m/p-Xylenes
Concen: 4.099 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



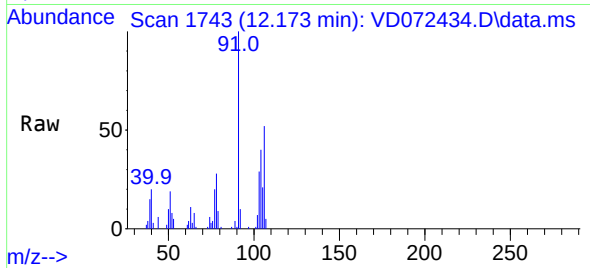
Tgt Ion:106 Resp: 35430
Ion Ratio Lower Upper
106 100
91 213.4 163.7 245.5





#69
o-Xylene
Concen: 2.150 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

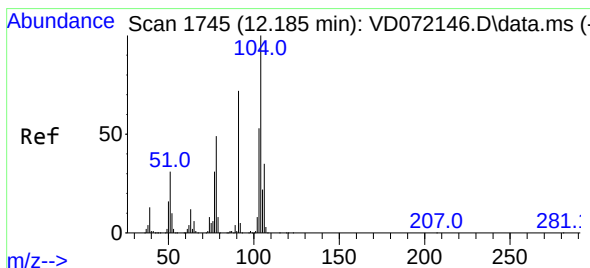
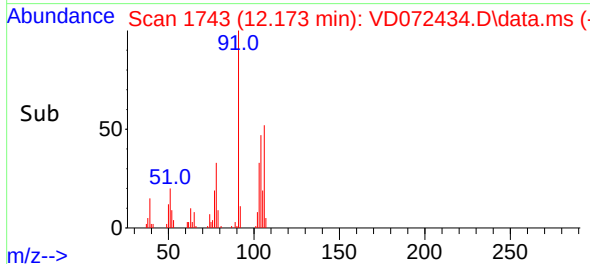
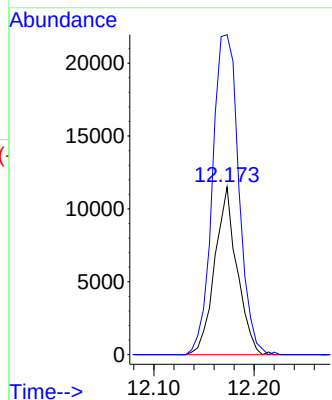
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:106 Resp: 17780
Ion Ratio Lower Upper
106 100
91 225.3 110.4 331.2

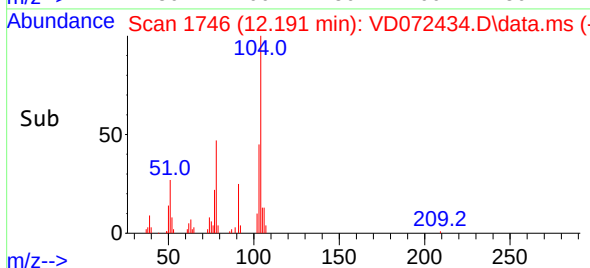
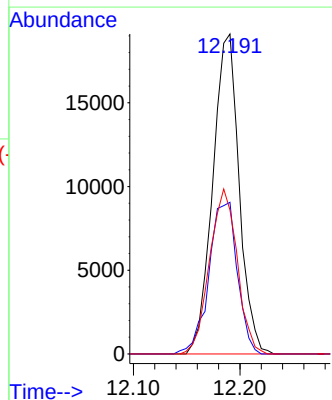
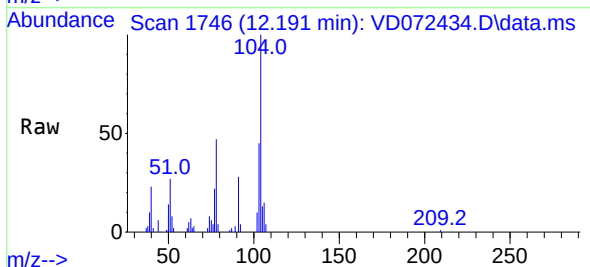
Manual Integrations
APPROVED

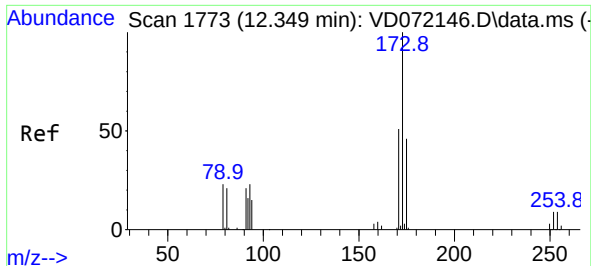
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#70
Styrene
Concen: 2.277 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

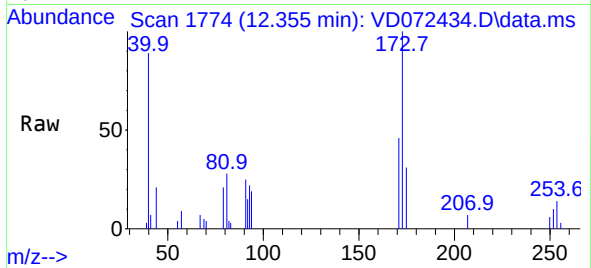
Tgt Ion:104 Resp: 32877
Ion Ratio Lower Upper
104 100
78 51.1 41.8 62.8
103 53.9 44.2 66.4





#71
Bromoform
Concen: 2.921 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

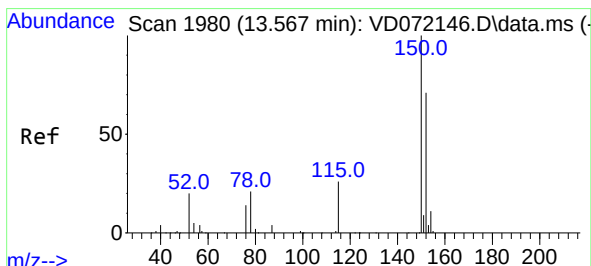
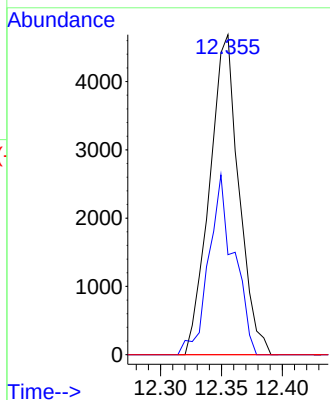
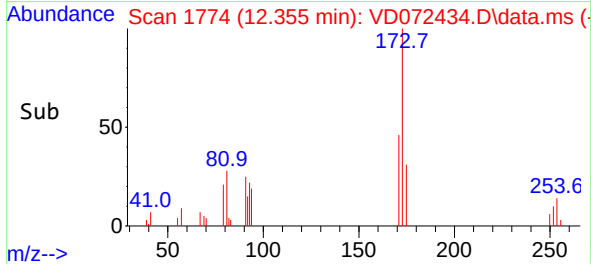
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



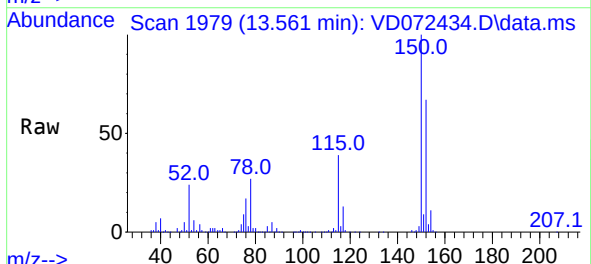
Tgt Ion:173 Resp: 7860
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

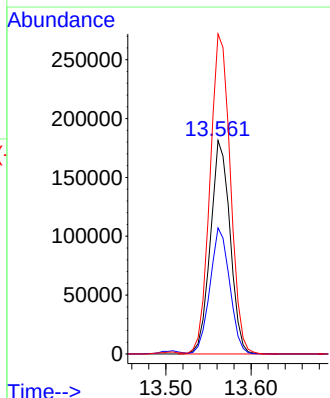
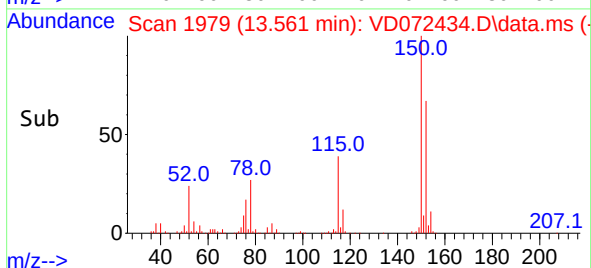
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

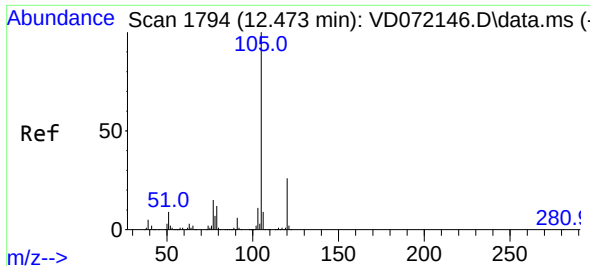


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



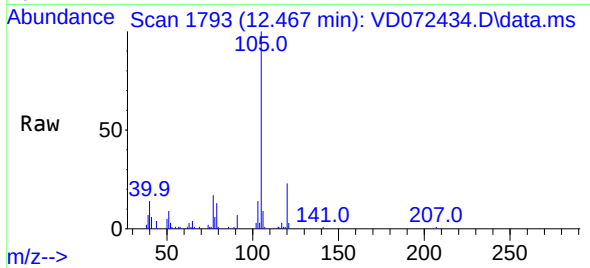
Tgt Ion:152 Resp: 289641
Ion Ratio Lower Upper
152 100
115 59.5 31.3 93.8
150 155.3 0.0 348.6





#73
Isopropylbenzene
Concen: 2.358 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

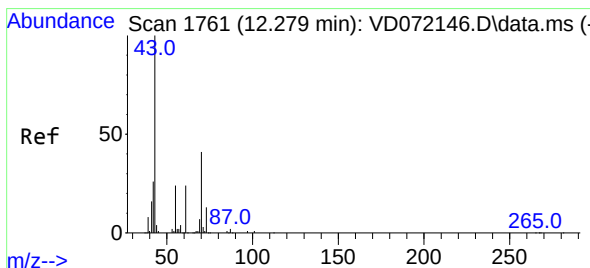
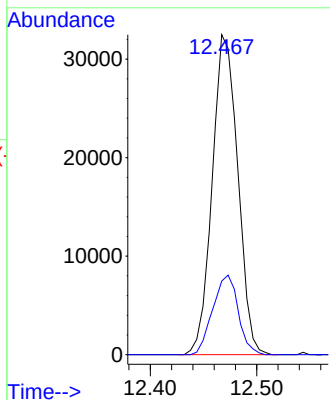
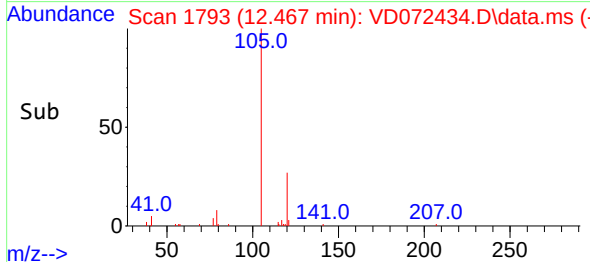
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



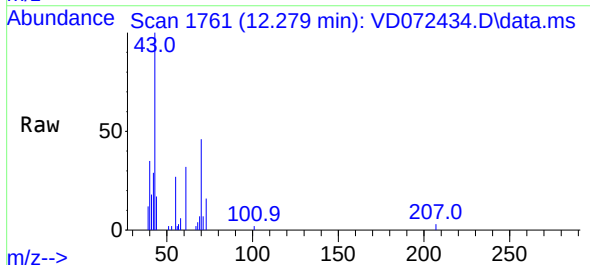
Tgt Ion:105 Resp: 54119
Ion Ratio Lower Upper
105 100
120 24.8 13.0 38.9

Manual Integrations
APPROVED

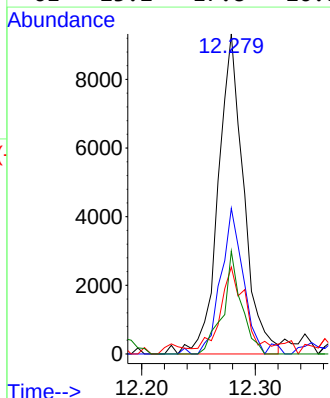
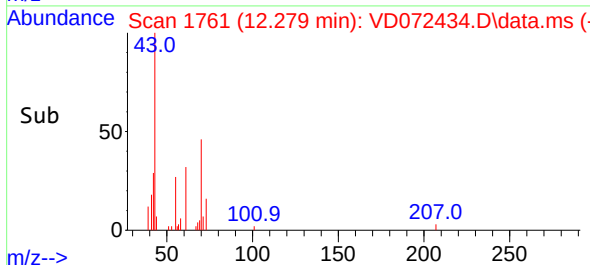
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

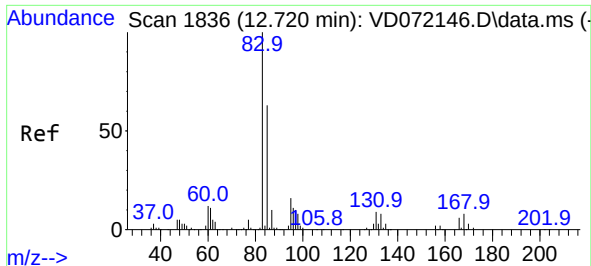


#74
N-ethyl acetate
Concen: 2.931 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



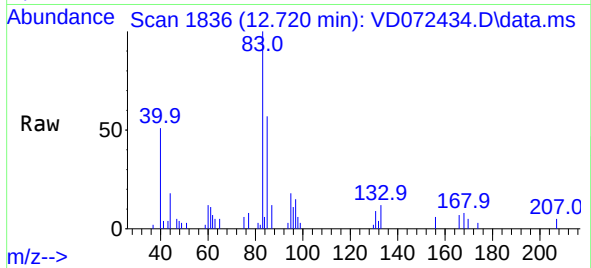
Tgt Ion: 43 Resp: 14456
Ion Ratio Lower Upper
43 100
70 39.6 31.3 46.9
55 25.1 20.0 30.0
61 23.2 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 3.311 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

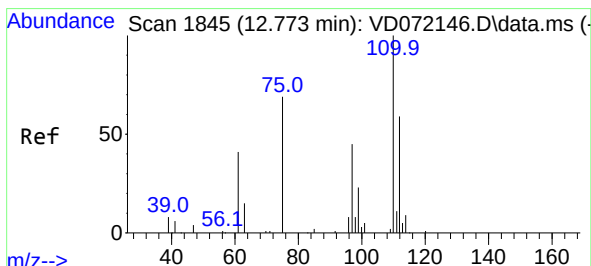
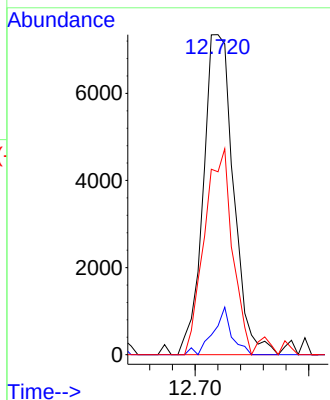
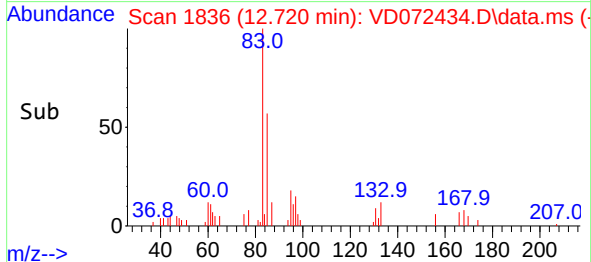
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



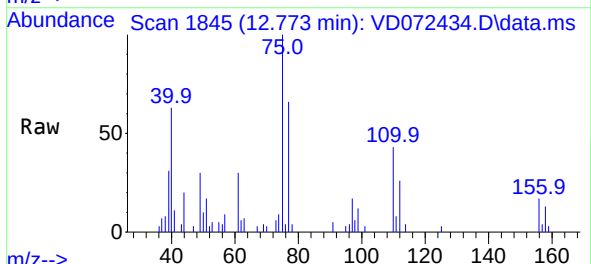
Tgt Ion: 83 Resp: 1359
Ion Ratio Lower Upper
83 100
131 9.1 5.0 14.9
85 59.4 32.6 98.0

Manual Integrations
APPROVED

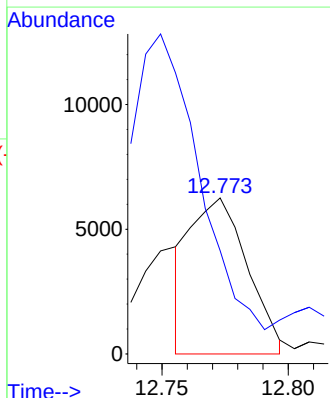
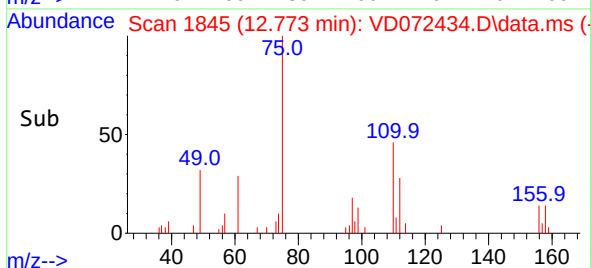
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

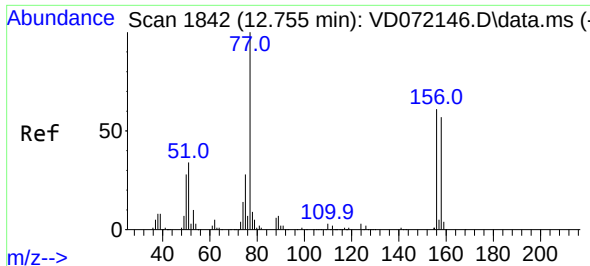


#76
1,2,3-Trichloropropane
Concen: 3.064 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



Tgt Ion: 75 Resp: 9788
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





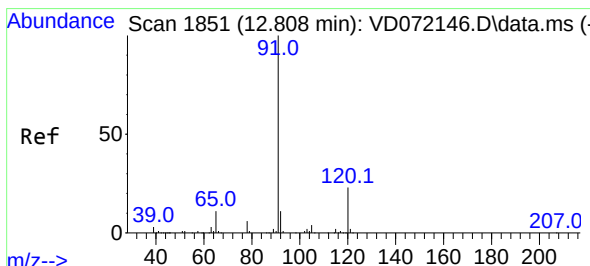
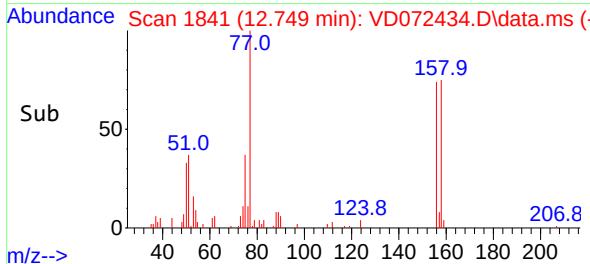
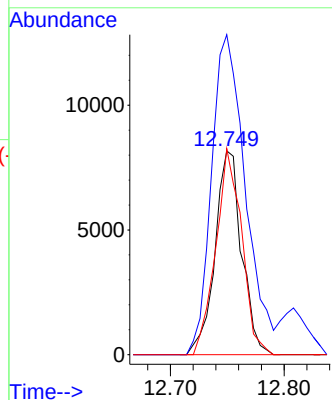
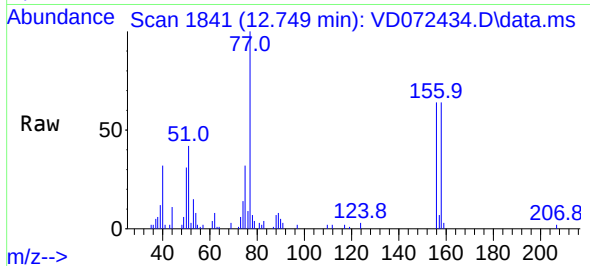
#77
Bromobenzene
Concen: 2.577 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:156 Resp: 1331
Ion Ratio Lower Upper
156 100
77 199.0 102.8 308.3
158 98.6 48.7 146.1

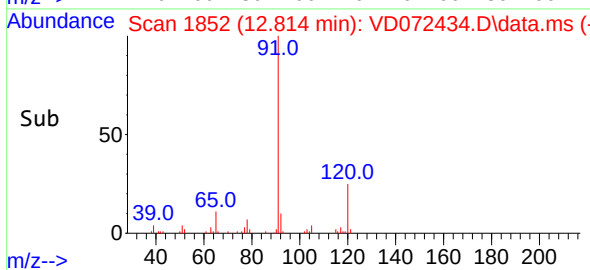
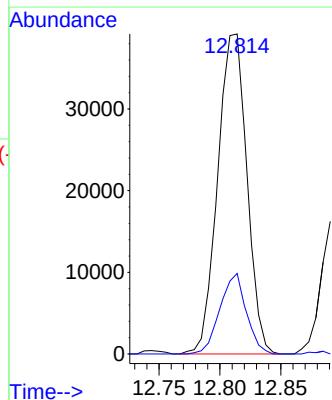
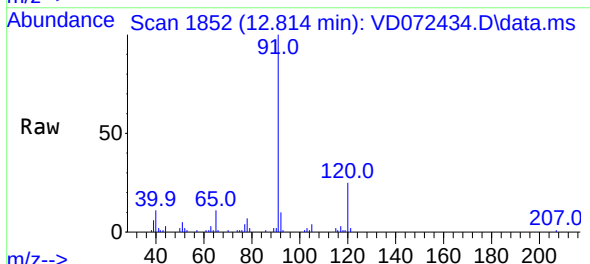
Manual Integrations
APPROVED

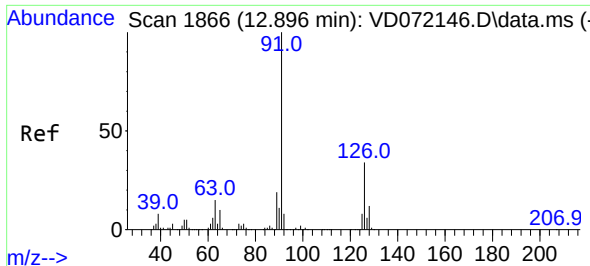
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#78
n-propylbenzene
Concen: 2.348 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

Tgt Ion: 91 Resp: 65464
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9





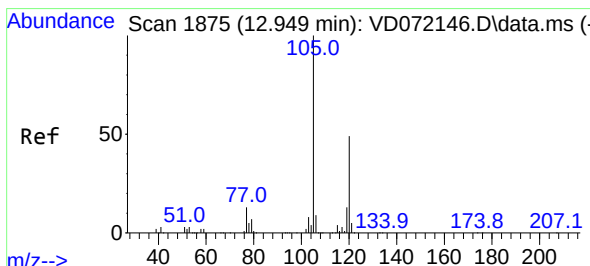
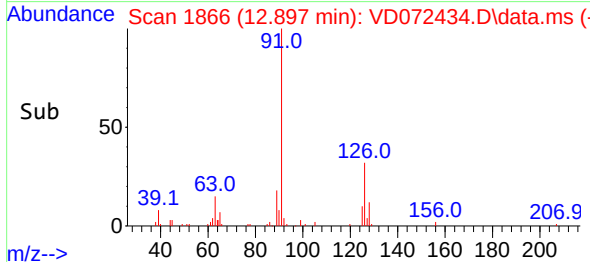
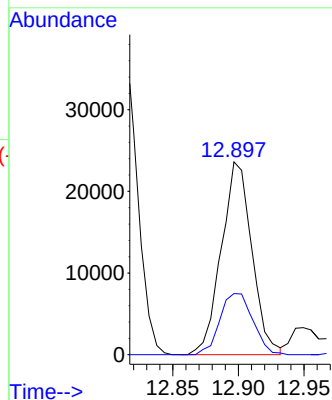
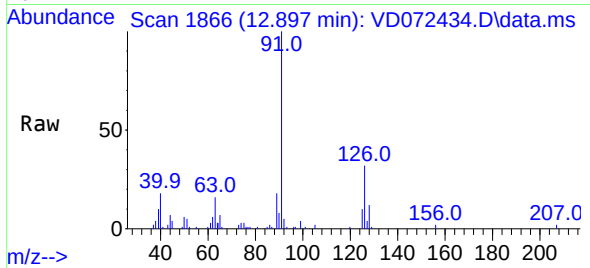
#79
2-Chlorotoluene
Concen: 2.382 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion: 91 Resp: 38390
Ion Ratio Lower Upper
91 100
126 34.2 16.2 48.6

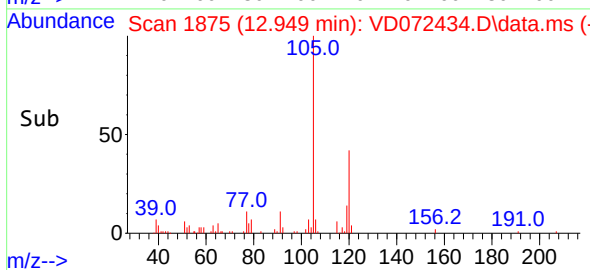
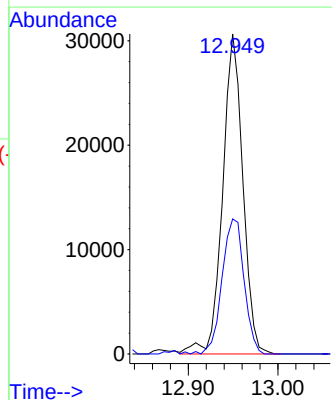
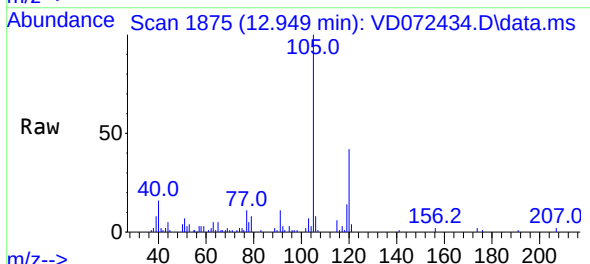
Manual Integrations
APPROVED

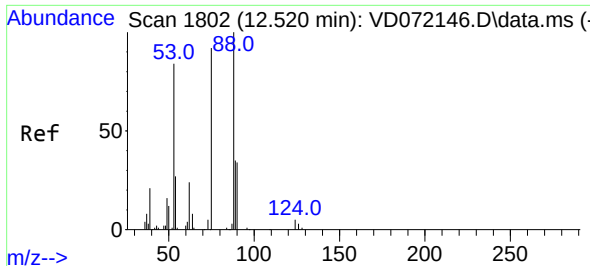
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#80
1,3,5-Trimethylbenzene
Concen: 2.434 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

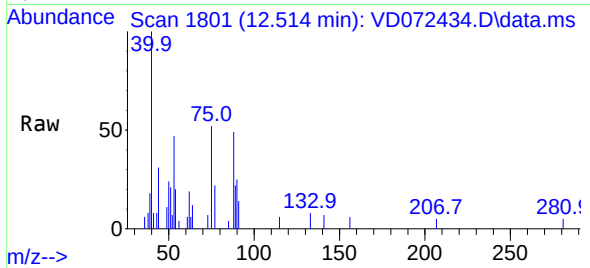
Tgt Ion:105 Resp: 47991
Ion Ratio Lower Upper
105 100
120 45.8 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 2.609 ug/l m
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

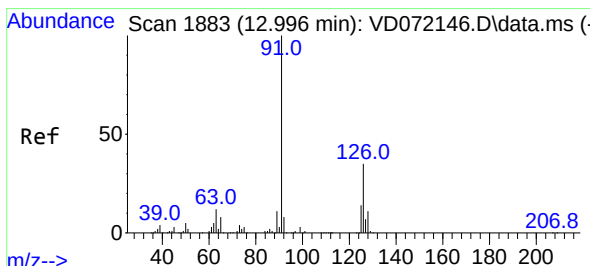
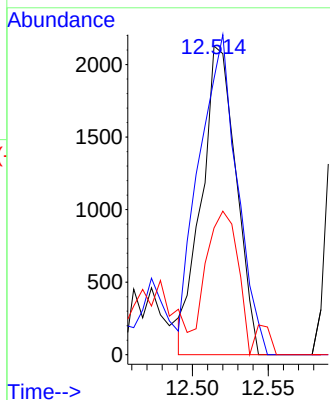
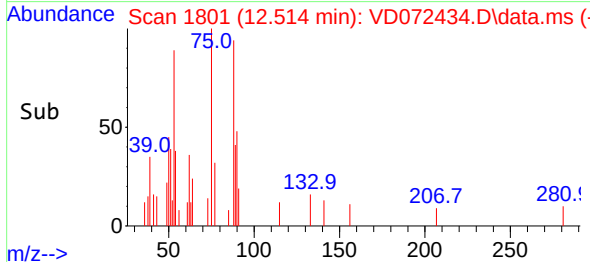
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



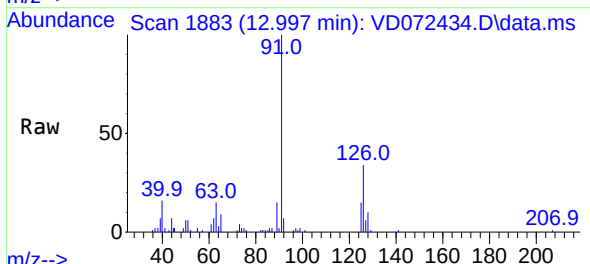
Tgt Ion: 75 Resp: 3360
Ion Ratio Lower Upper
75 100
53 5.8 86.5 129.7
89 4.9 33.9 50.9

Manual Integrations
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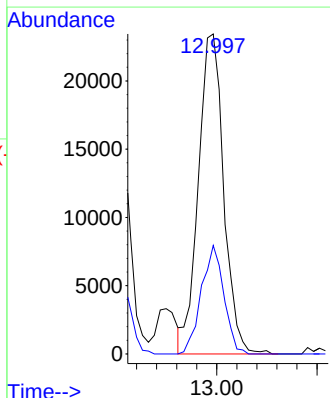
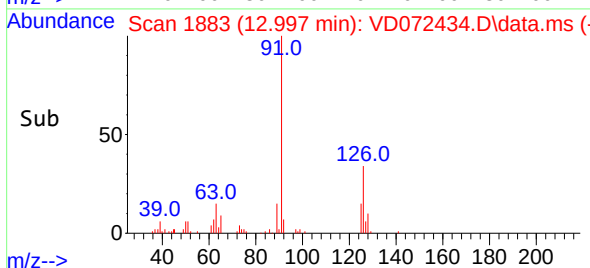
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

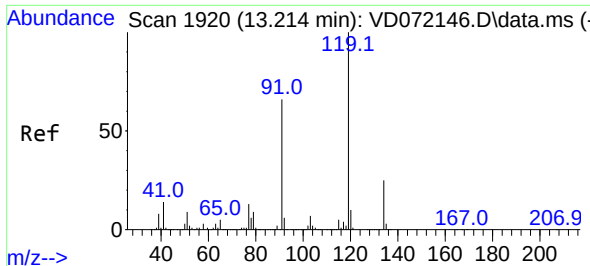


#82
4-Chlorotoluene
Concen: 2.464 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



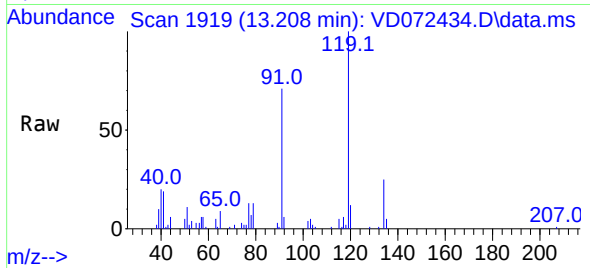
Tgt Ion: 91 Resp: 41137
Ion Ratio Lower Upper
91 100
126 30.3 16.5 49.5





#83
tert-Butylbenzene
Concen: 2.145 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

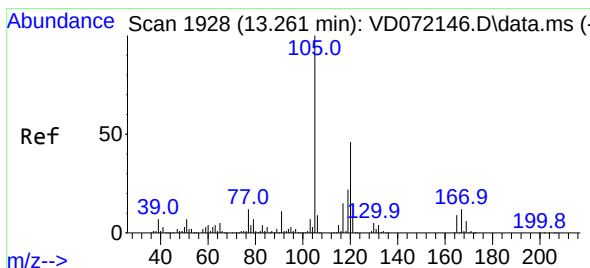
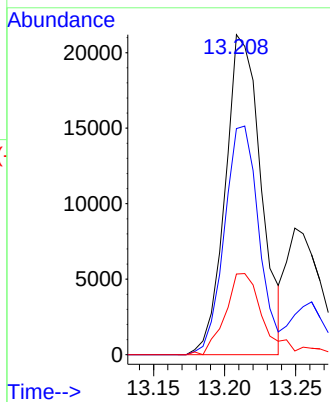
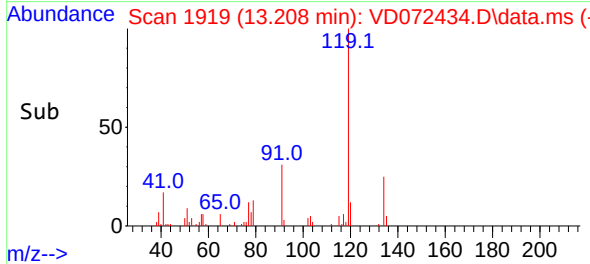
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



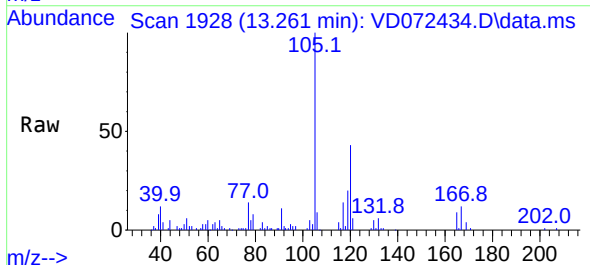
Tgt Ion:119 Resp: 37075
Ion Ratio Lower Upper
119 100
91 68.7 34.8 104.5
134 27.4 13.3 39.9

Manual Integrations
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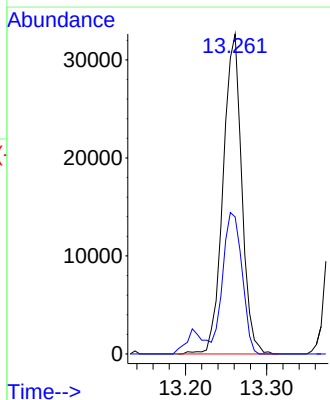
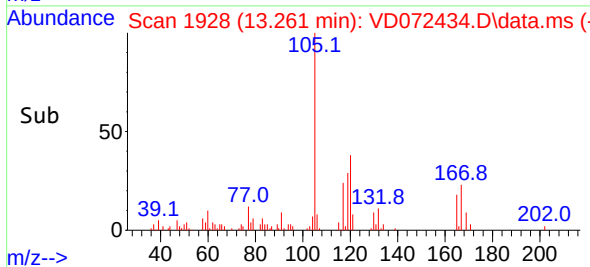
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

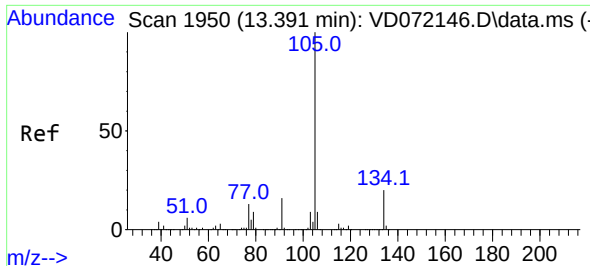


#84
1,2,4-Trimethylbenzene
Concen: 2.688 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



Tgt Ion:105 Resp: 52226
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.8





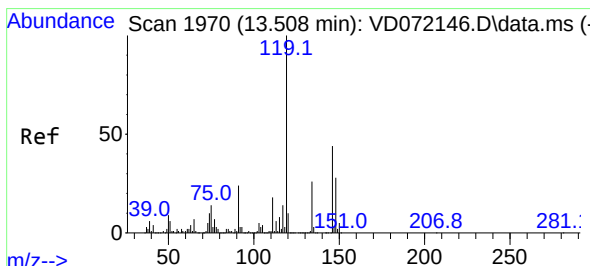
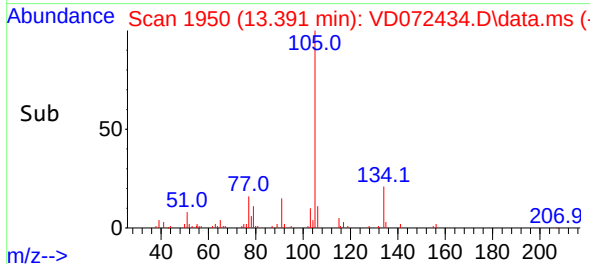
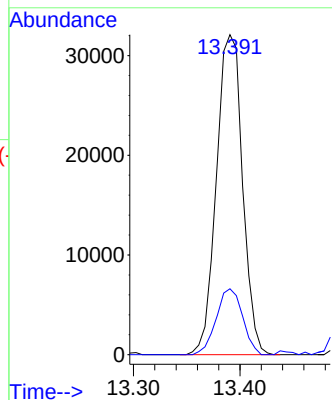
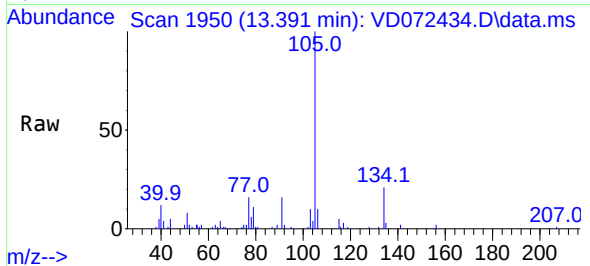
#85
 sec-Butylbenzene
 Concen: 2.103 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072434.D
 Acq: 25 Mar 2022 17:38

Instrument : MSVOA_D
 ClientSampleId : MDL-SOIL-03-QT1-2022

Tgt Ion:105 Resp: 54584
 Ion Ratio Lower Upper
 105 100
 134 20.8 9.8 29.3

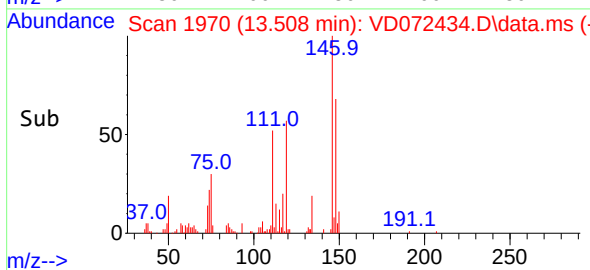
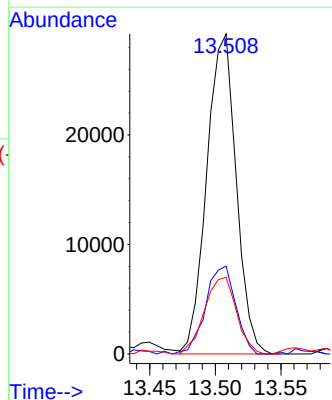
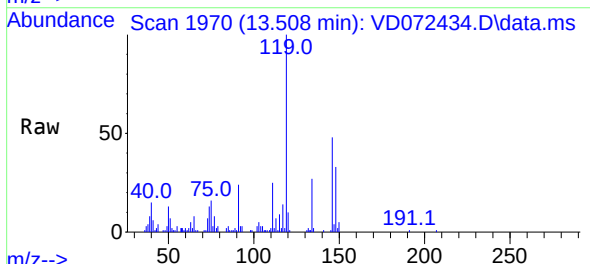
Manual Integrations
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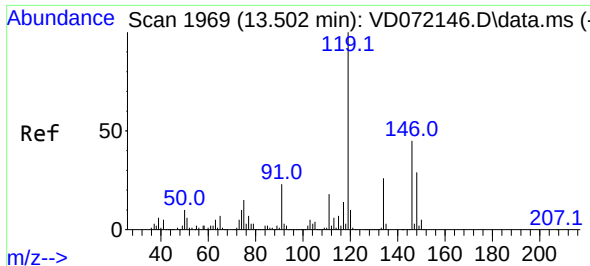
Reviewed By :Mahesh Dadoda 03/29/2022
 Supervised By :Semsettin Yesilyurt 03/29/2022



#86
 p-Isopropyltoluene
 Concen: 2.136 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD072434.D
 Acq: 25 Mar 2022 17:38

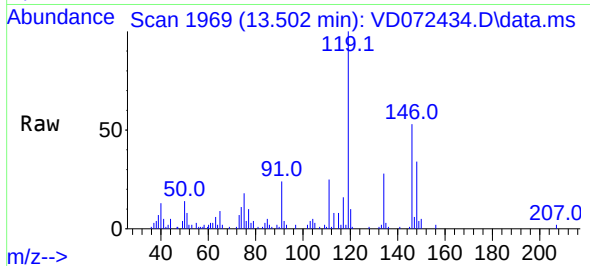
Tgt Ion:119 Resp: 45622
 Ion Ratio Lower Upper
 119 100
 134 28.2 12.9 38.6
 91 25.9 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 2.302 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

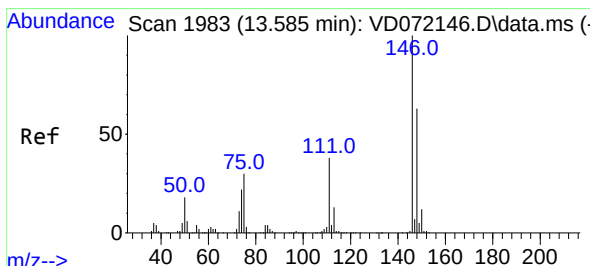
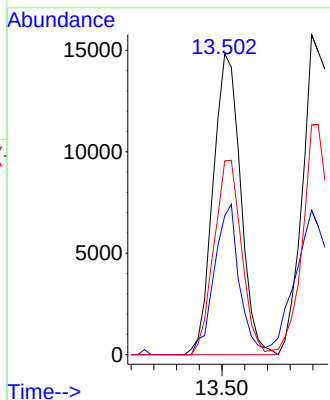
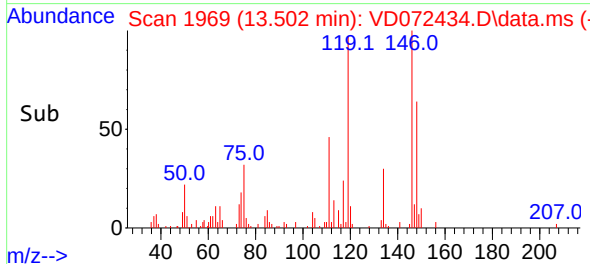
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



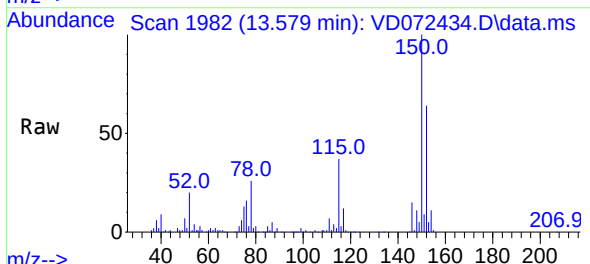
Tgt Ion:146 Resp: 24925
Ion Ratio Lower Upper
146 100
111 45.6 20.4 61.3
148 64.8 31.9 95.7

Manual Integrations
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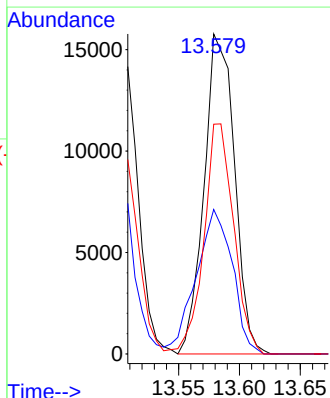
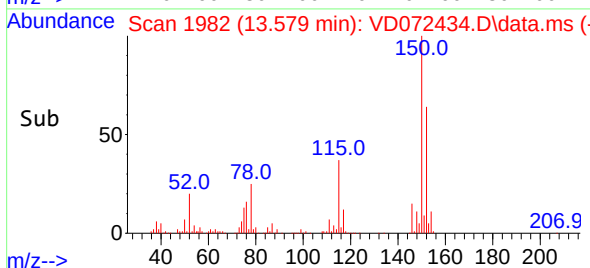
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

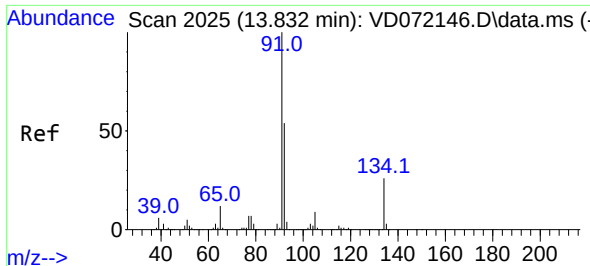


#88
1,4-Dichlorobenzene
Concen: 2.553 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



Tgt Ion:146 Resp: 27406
Ion Ratio Lower Upper
146 100
111 53.7 20.3 60.9
148 70.1 31.7 95.1





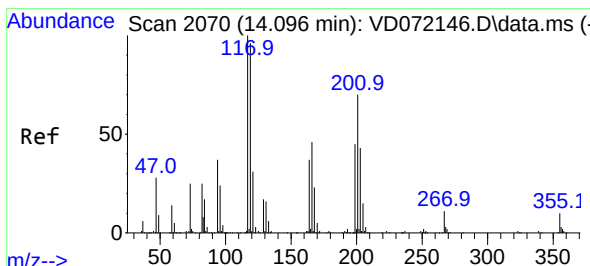
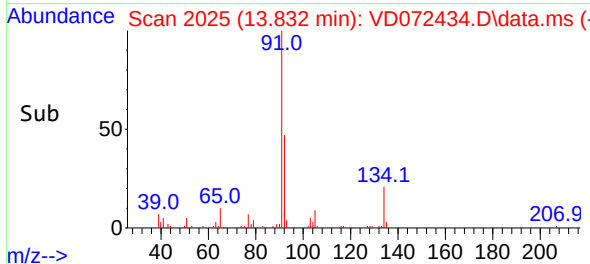
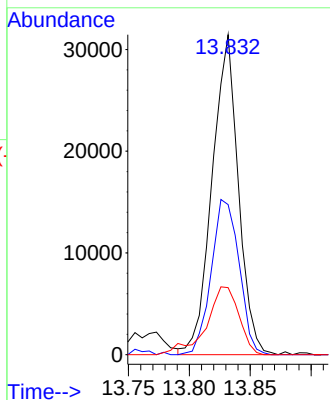
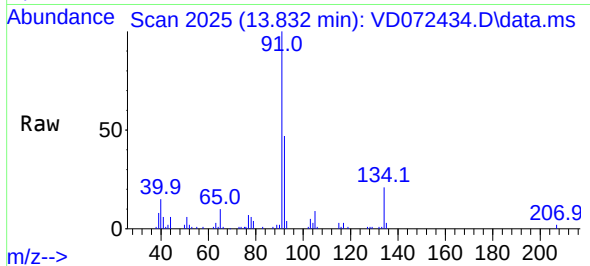
#89
n-Butylbenzene
Concen: 2.318 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion: 91 Resp: 4720
Ion Ratio Lower Upper
91 100
92 51.5 26.6 79.8
134 26.3 12.3 36.9

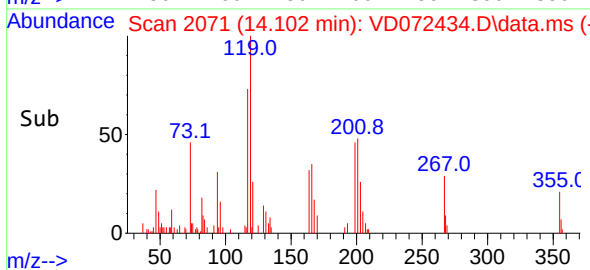
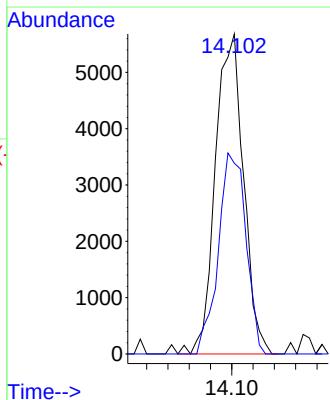
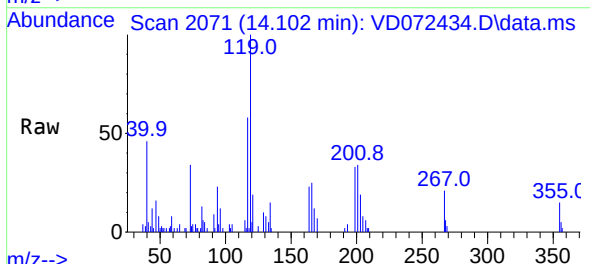
Manual Integrations
APPROVED

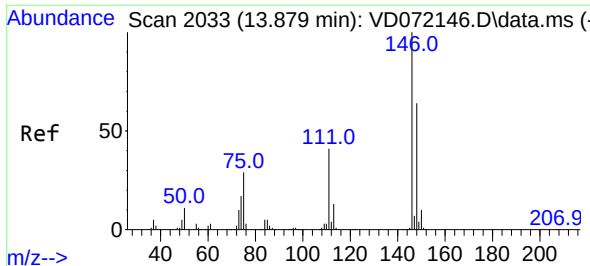
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#90
Hexachloroethane
Concen: 2.487 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

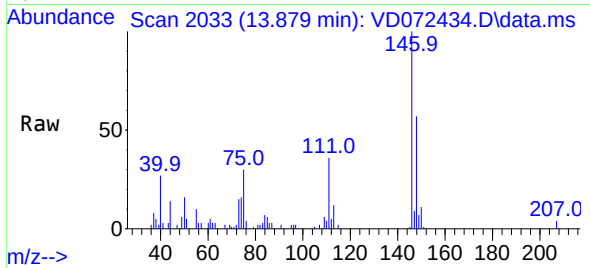
Tgt Ion:117 Resp: 10414
Ion Ratio Lower Upper
117 100
201 61.7 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 2.594 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

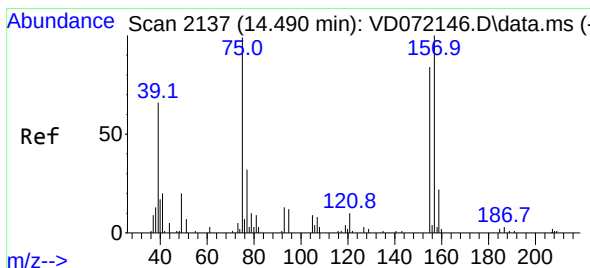
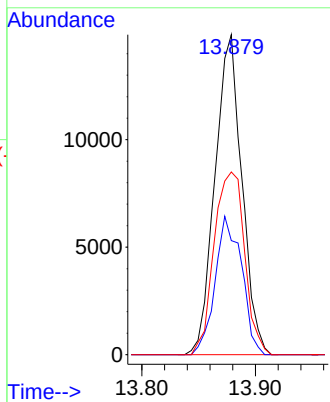
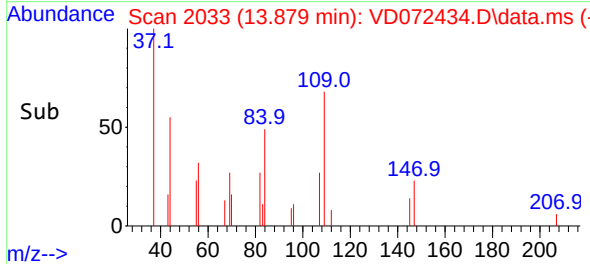
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



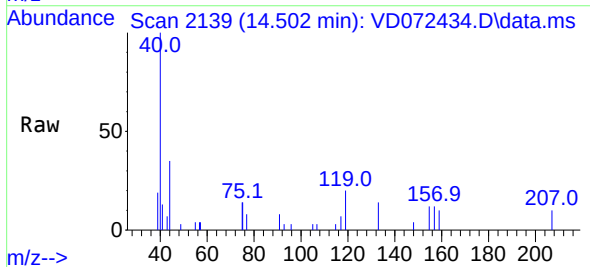
Tgt Ion:146 Resp: 2448
Ion Ratio Lower Upper
146 100
111 42.5 21.1 63.3
148 64.7 31.7 95.1

Manual Integrations
APPROVED

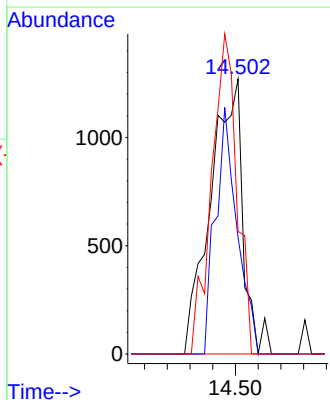
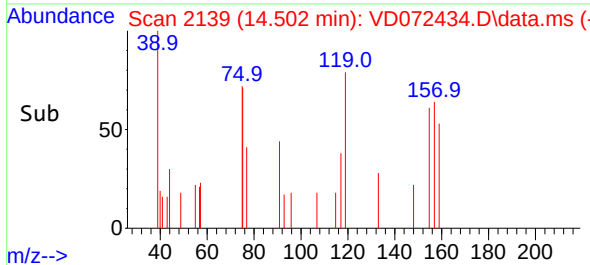
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

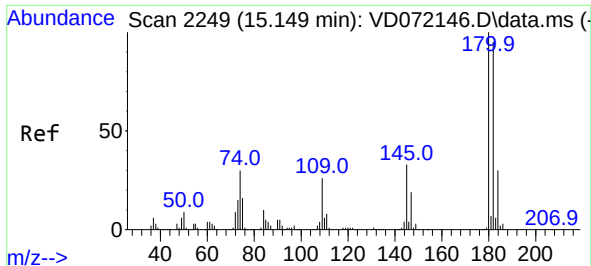


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.839 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.012 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38



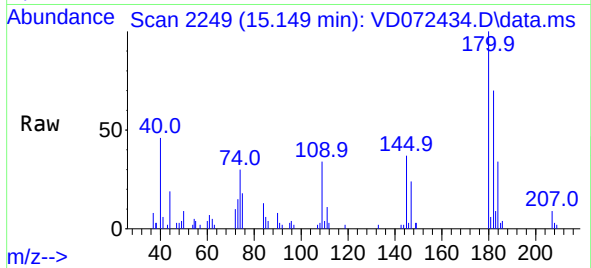
Tgt Ion: 75 Resp: 2515
Ion Ratio Lower Upper
75 100
155 59.9 36.8 110.3
157 91.1 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 2.437 ug/l
RT: 15.149 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

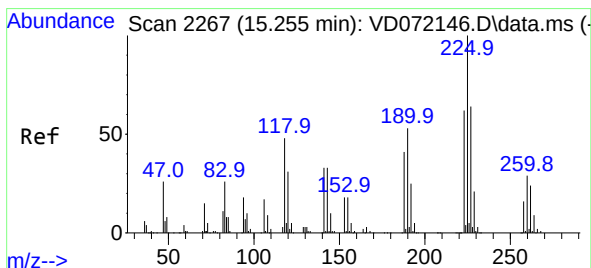
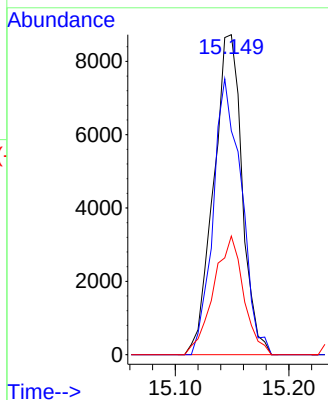
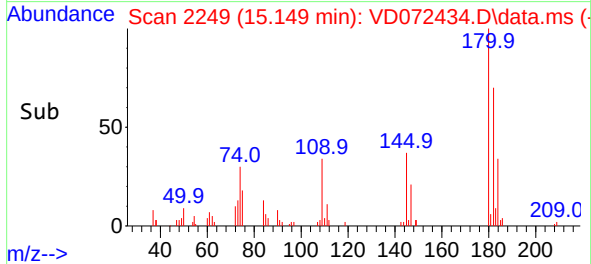
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:180 Resp: 1523
Ion Ratio Lower Upper
180 100
182 85.4 47.3 142.0
145 39.1 16.2 48.5

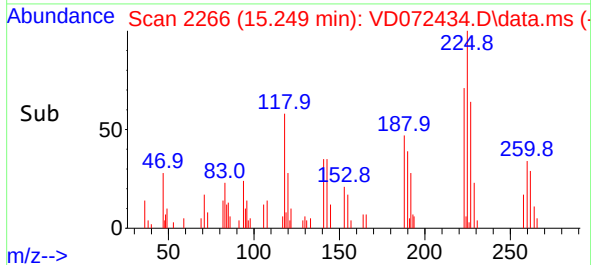
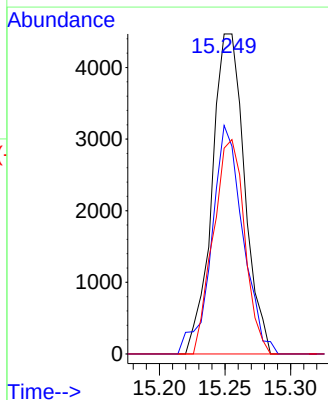
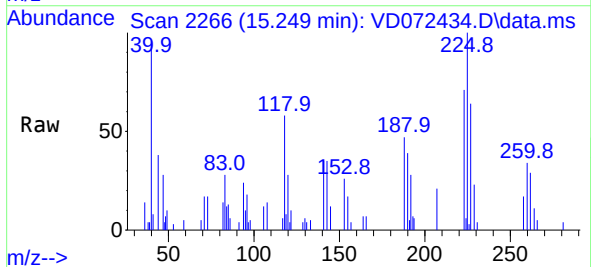
Manual Integrations
APPROVED

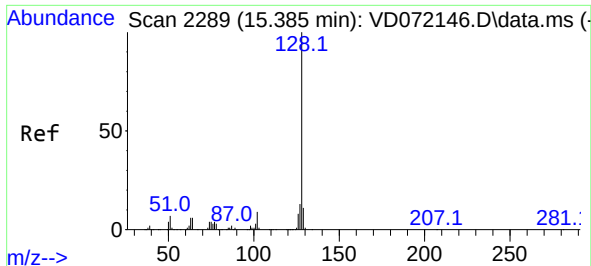
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#94
Hexachlorobutadiene
Concen: 2.115 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

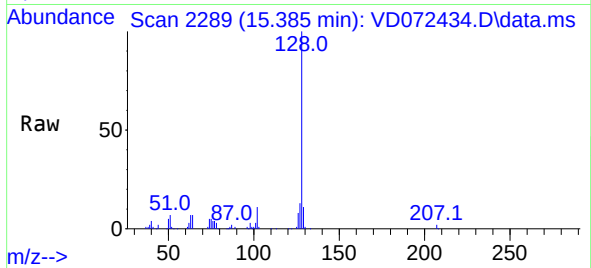
Tgt Ion:225 Resp: 7689
Ion Ratio Lower Upper
225 100
223 68.8 31.1 93.2
227 64.4 32.4 97.0





#95
Naphthalene
Concen: 15.547 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

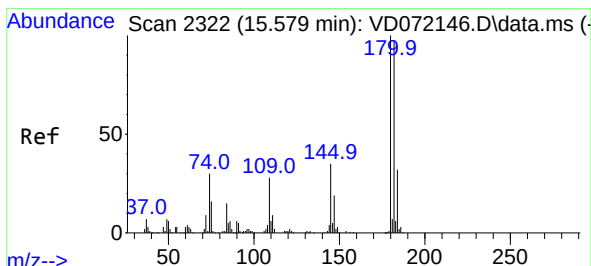
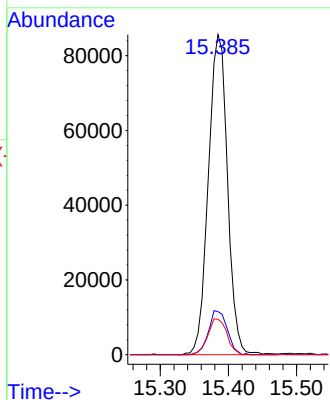
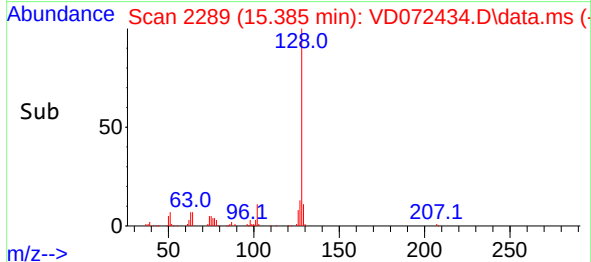
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:128 Resp: 167489
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.1 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#96
1,2,3-Trichlorobenzene
Concen: 2.498 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD072434.D
Acq: 25 Mar 2022 17:38

Tgt Ion:180 Resp: 13515
Ion Ratio Lower Upper
180 100
182 96.8 47.6 142.9
145 34.7 17.1 51.3

