

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
 Data File : VD073689.D
 Acq On : 24 Jun 2022 15:57
 Operator : VA/SY
 Sample : N3214-03 2.5PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jun 25 08:58:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 08:51:58 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022
 Supervised By :Semsettin Yesilyurt 06/28/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	229165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	389199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	375238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	185872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	138107	49.067	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.140%		
35) Dibromofluoromethane	7.908	113	147506	48.652	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.300%		
50) Toluene-d8	10.332	98	488003	44.828	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.660%		
62) 4-Bromofluorobenzene	12.620	95	194493	47.636	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	6625	2.862	ug/l	87
3) Chloromethane	2.209	50	5733	2.740	ug/l	100
4) Vinyl Chloride	2.344	62	5384	2.608	ug/l #	84
5) Bromomethane	2.768	94	4853	3.055	ug/l	83
6) Chloroethane	2.915	64	3863	2.778	ug/l #	87
7) Trichlorofluoromethane	3.262	101	13824	2.863	ug/l	98
8) Diethyl Ether	3.703	74	3768	3.043	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	8242	2.976	ug/l	94
10) Methyl Iodide	4.303	142	6047	2.294	ug/l	95
11) Tert butyl alcohol	5.179	59	30676	49.016	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	6527	2.772	ug/l	84
13) Acrolein	3.909	56	354	7.443	ug/l #	37
14) Allyl chloride	4.703	41	8891	2.561	ug/l	97
15) Acrylonitrile	5.420	53	7993	13.487	ug/l	96
16) Acetone	4.156	43	8671	17.441	ug/l #	85
17) Carbon Disulfide	4.403	76	14928	2.512	ug/l	99
18) Methyl Acetate	4.714	43	7394	4.822	ug/l #	80
19) Methyl tert-butyl Ether	5.467	73	14747	2.405	ug/l	97
20) Methylene Chloride	4.956	84	21770	6.022	ug/l #	87
21) trans-1,2-Dichloroethene	5.462	96	7566	2.701	ug/l	87
22) Diisopropyl ether	6.356	45	16983	2.179	ug/l #	80
23) Vinyl Acetate	6.297	43	39463m	9.657	ug/l	
24) 1,1-Dichloroethane	6.261	63	14226	2.740	ug/l	97
25) 2-Butanone	7.214	43	11016	15.531	ug/l	98
26) 2,2-Dichloropropane	7.203	77	14556	2.976	ug/l	94
27) cis-1,2-Dichloroethene	7.203	96	8268	2.509	ug/l	82
28) Bromochloromethane	7.538	49	5591	3.052	ug/l #	91
29) Tetrahydrofuran	7.567	42	5671	13.151	ug/l #	52
30) Chloroform	7.703	83	14667	2.510	ug/l	97
31) Cyclohexane	7.973	56	14280	3.382	ug/l #	56
32) 1,1,1-Trichloroethane	7.903	97	13756	2.621	ug/l	94
36) 1,1-Dichloropropene	8.108	75	11125	2.614	ug/l	96
37) Ethyl Acetate	7.297	43	4979	2.981	ug/l #	73
38) Carbon Tetrachloride	8.091	117	12146	2.451	ug/l #	86
39) Methylcyclohexane	9.344	83	12238	2.590	ug/l	97
40) Benzene	8.344	78	31413	2.550	ug/l	97

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 ClientSampleId :
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 08:51:58 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022
 Supervised By :Semsettin Yesilyurt 06/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.503	41	1702	1.688	ug/l #	30
42) 1,2-Dichloroethane	8.420	62	8693	2.342	ug/l	91
43) Isopropyl Acetate	8.450	43	7832	2.389	ug/l #	87
44) Trichloroethene	9.102	130	9120	2.577	ug/l	84
45) 1,2-Dichloropropane	9.379	63	7908	2.560	ug/l	97
46) Dibromomethane	9.467	93	4613	2.573	ug/l	90
47) Bromodichloromethane	9.655	83	11031	2.347	ug/l	97
48) Methyl methacrylate	9.444	41	4252	2.556	ug/l #	87
49) 1,4-Dioxane	9.461	88	925	46.201	ug/l #	78
51) 4-Methyl-2-Pentanone	10.220	43	18848	11.190	ug/l	97
52) Toluene	10.397	92	21033	2.605	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	10629	2.486	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	11436	2.350	ug/l	89
55) 1,1,2-Trichloroethane	10.791	97	6691	2.647	ug/l	90
56) Ethyl methacrylate	10.649	69	6190	2.173	ug/l	96
57) 1,3-Dichloropropane	10.932	76	10187	2.444	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.932	63	13530	12.238	ug/l	99
59) 2-Hexanone	10.973	43	13677	12.027	ug/l	97
60) Dibromochloromethane	11.126	129	8065	2.421	ug/l	91
61) 1,2-Dibromoethane	11.238	107	6408	2.678	ug/l	91
64) Tetrachloroethene	10.867	164	8395	2.826	ug/l	89
65) Chlorobenzene	11.661	112	23487	2.557	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.726	131	8950	2.425	ug/l	95
67) Ethyl Benzene	11.732	91	37453	2.337	ug/l	98
68) m/p-Xylenes	11.844	106	28321	4.573	ug/l	97
69) o-Xylene	12.167	106	12445	2.166	ug/l	98
70) Styrene	12.185	104	20759	2.065	ug/l	98
71) Bromoform	12.349	173	5090	2.534	ug/l #	97
73) Isopropylbenzene	12.467	105	32487	2.140	ug/l	96
74) N-amyl acetate	12.273	43	7576	2.439	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	7849	2.741	ug/l	97
76) 1,2,3-Trichloropropane	12.761	75	7439m	4.113	ug/l	
77) Bromobenzene	12.749	156	9670	2.649	ug/l	98
78) n-propylbenzene	12.808	91	46140	2.487	ug/l	99
79) 2-Chlorotoluene	12.891	91	27675	2.561	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	31819	2.445	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	2295m	2.590	ug/l	
82) 4-Chlorotoluene	12.991	91	26417	2.300	ug/l	94
83) tert-Butylbenzene	13.208	119	24427	2.136	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	29971	2.345	ug/l	95
85) sec-Butylbenzene	13.385	105	38180	2.270	ug/l	99
86) p-Isopropyltoluene	13.502	119	28905	2.064	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	20367	2.680	ug/l	96
88) 1,4-Dichlorobenzene	13.579	146	20091	2.671	ug/l	90
89) n-Butylbenzene	13.826	91	28740	2.192	ug/l	95
90) Hexachloroethane	14.090	117	7417	2.569	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	15690	2.399	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.479	75	1073	2.245	ug/l	89
93) 1,2,4-Trichlorobenzene	15.137	180	9529	2.440	ug/l	98
94) Hexachlorobutadiene	15.243	225	5850	2.642	ug/l	99
95) Naphthalene	15.379	128	16333	2.339	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	8687	2.546	ug/l	96

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ClientSampleId :
MDL-SOIL-03-QT2-2022

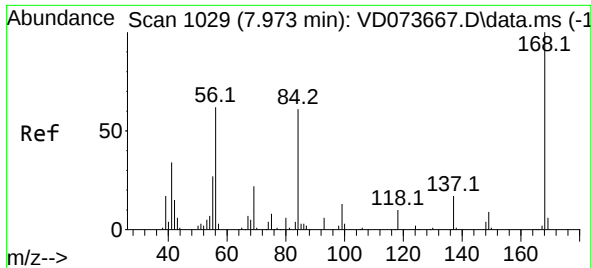
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

Quant Time: Jun 25 08:58:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 25 08:51:58 2022
Response via : Initial Calibration

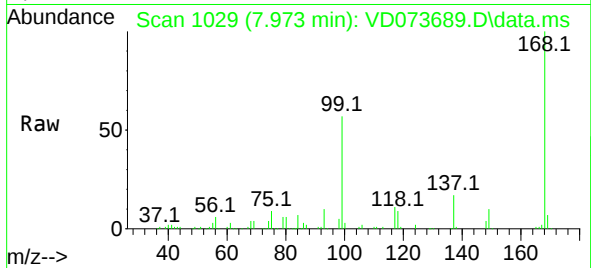
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

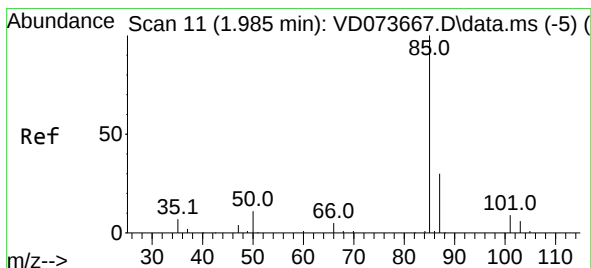
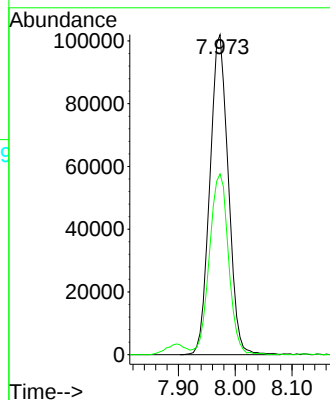
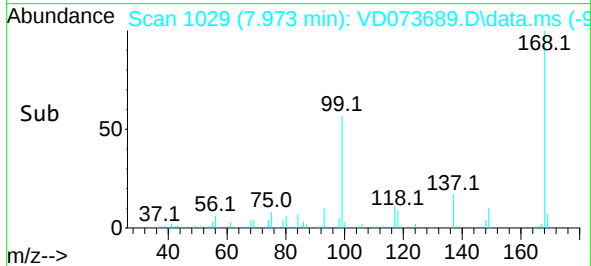
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion:168 Resp: 22916
Ion Ratio Lower Upper
168 100
99 56.3 46.4 69.6

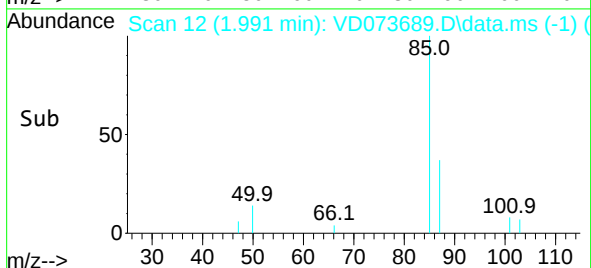
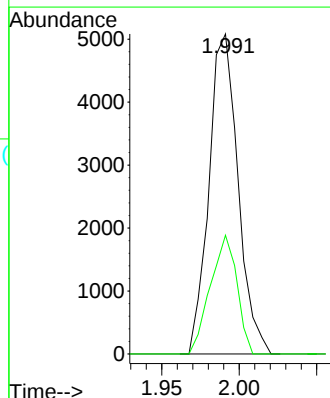
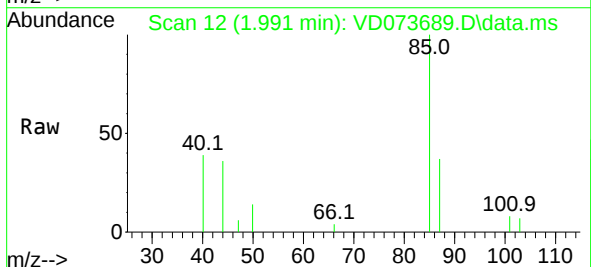
Manual Integrations
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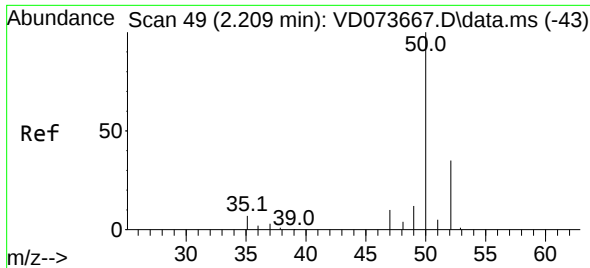
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#2
Dichlorodifluoromethane
Concen: 2.862 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

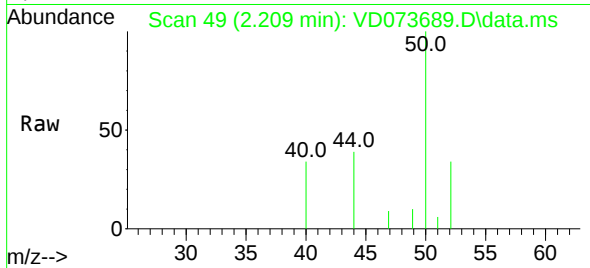
Tgt Ion: 85 Resp: 6625
Ion Ratio Lower Upper
85 100
87 37.1 15.2 45.5





#3
Chloromethane
Concen: 2.740 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

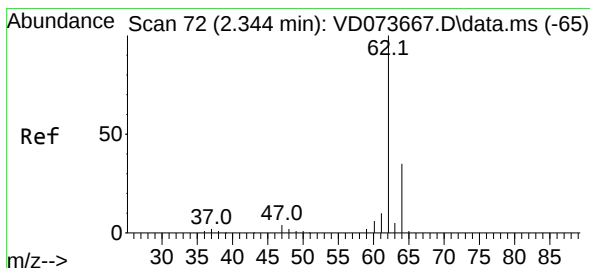
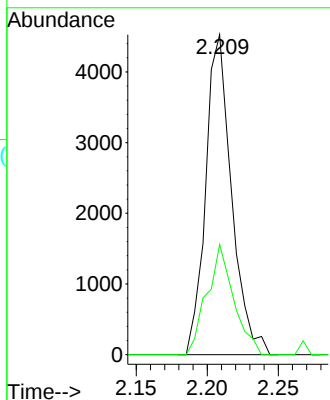
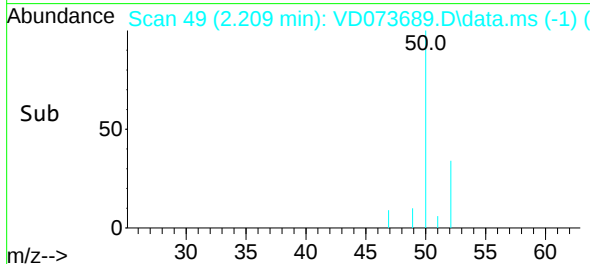
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022



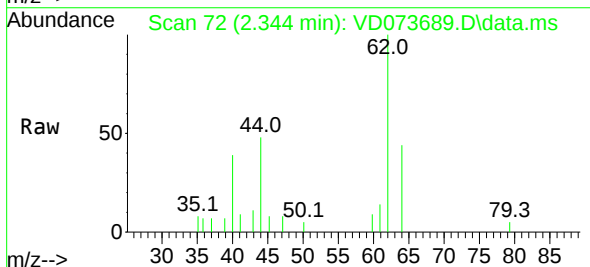
Tgt Ion: 50 Resp: 573
Ion Ratio Lower Upper
50 100
52 34.5 27.8 41.6

Manual Integrations
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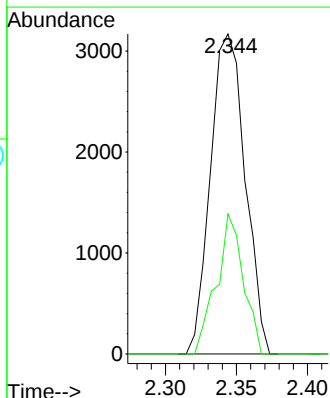
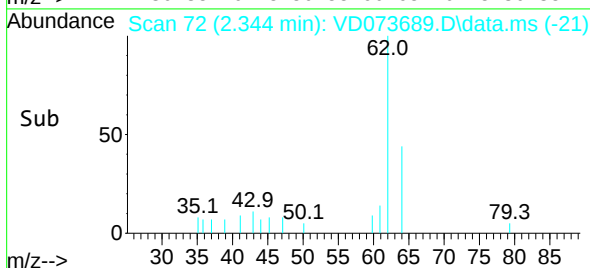
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

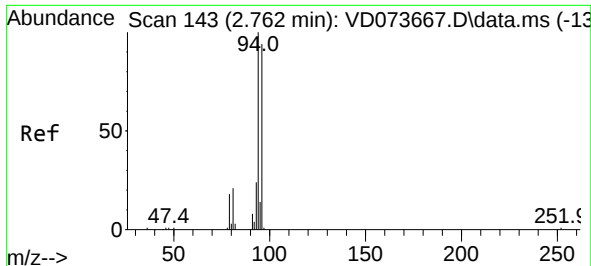


#4
Vinyl Chloride
Concen: 2.608 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57



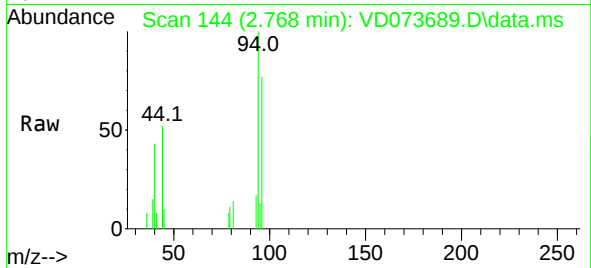
Tgt Ion: 62 Resp: 5384
Ion Ratio Lower Upper
62 100
64 43.7 27.8 41.6#





#5
Bromomethane
Concen: 3.055 ug/l
RT: 2.768 min Scan# 143
Delta R.T. 0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

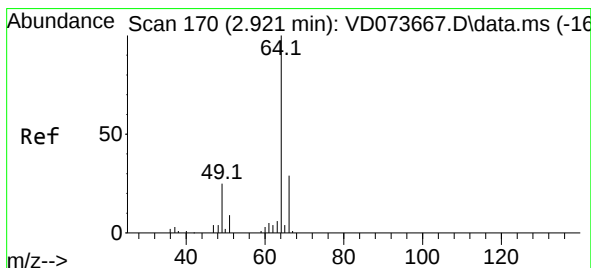
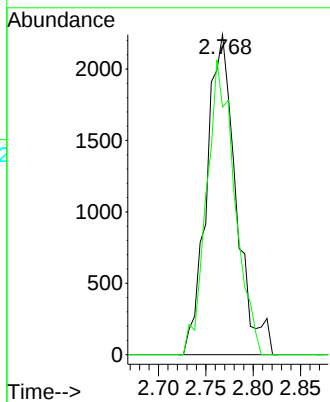
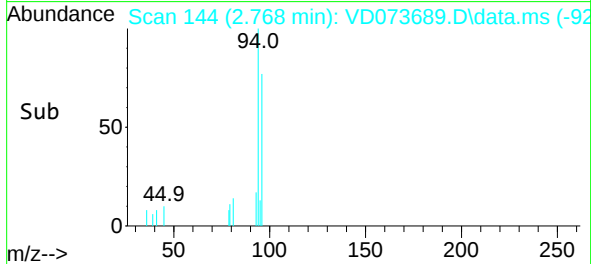
Instrument :
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MDL-SOIL-03-QT2-2022



Tgt Ion: 94 Resp: 485
Ion Ratio Lower Upper
94 100
96 77.3 75.1 112.7

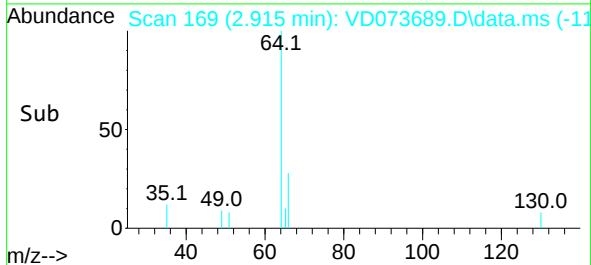
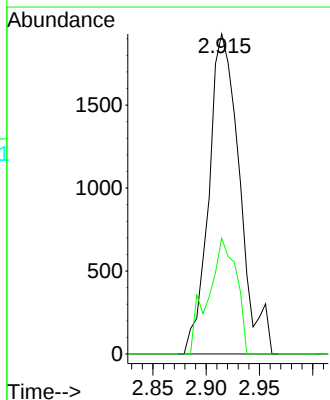
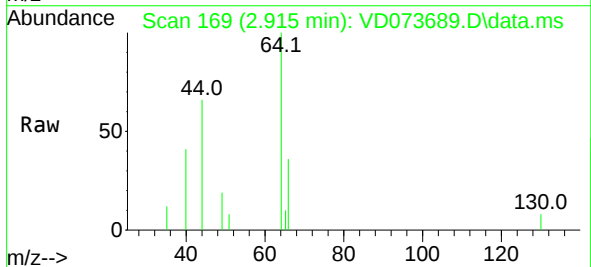
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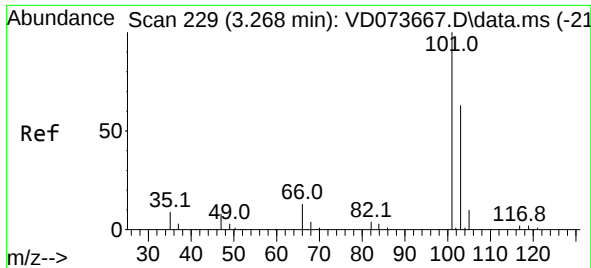
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#6
Chloroethane
Concen: 2.778 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

Tgt Ion: 64 Resp: 3863
Ion Ratio Lower Upper
64 100
66 36.2 23.3 34.9#





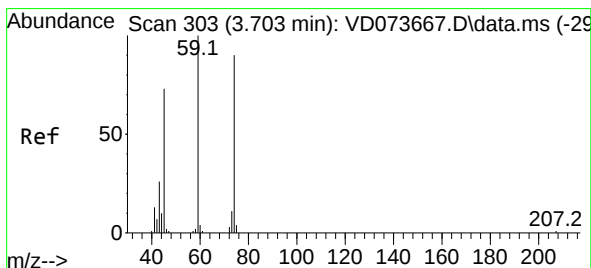
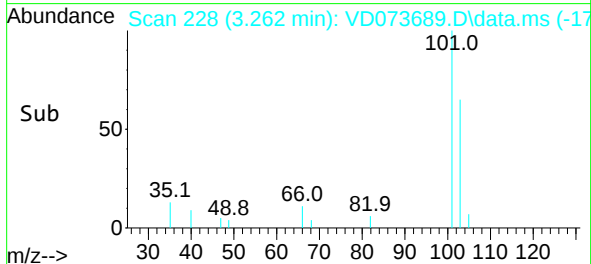
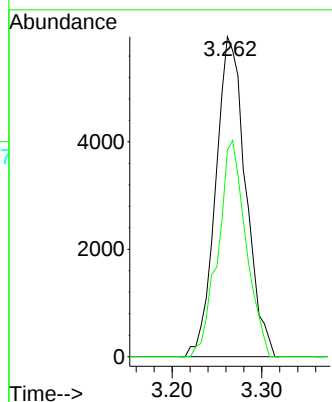
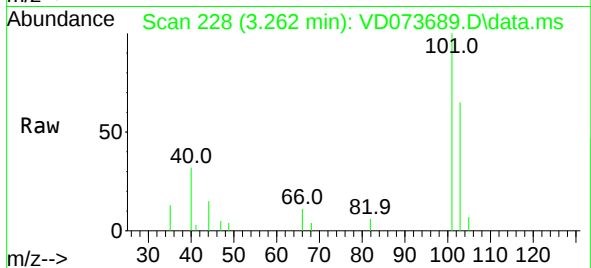
#7
Trichlorofluoromethane
Concen: 2.863 ug/l
RT: 3.262 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

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

Tgt Ion:101 Resp: 13824
Ion Ratio Lower Upper
101 100
103 64.5 50.4 75.6

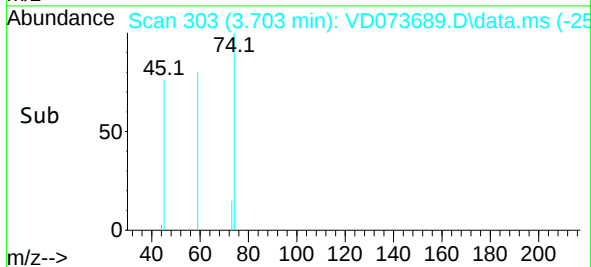
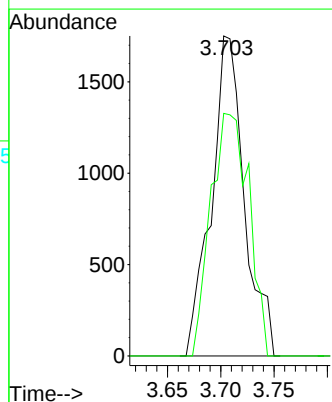
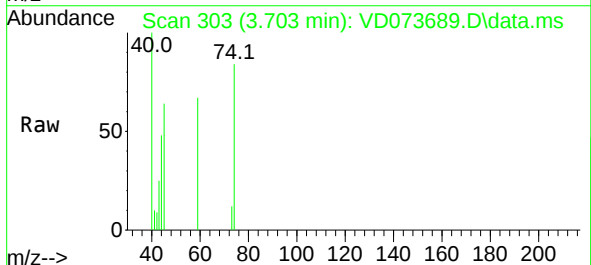
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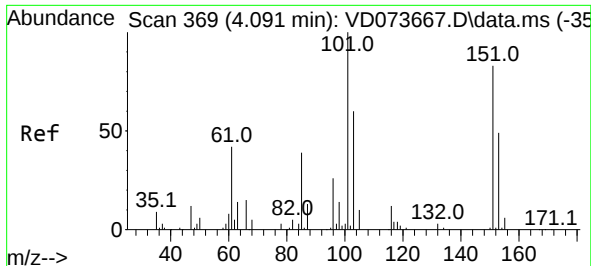
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#8
Diethyl Ether
Concen: 3.043 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

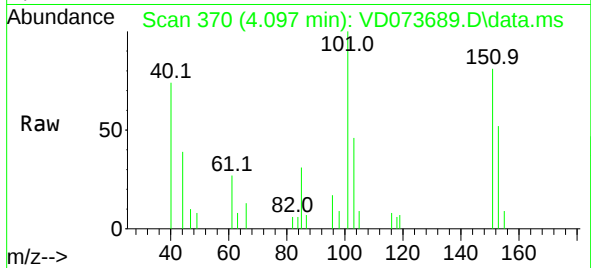
Tgt Ion: 74 Resp: 3768
Ion Ratio Lower Upper
74 100
45 87.7 45.0 134.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.976 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

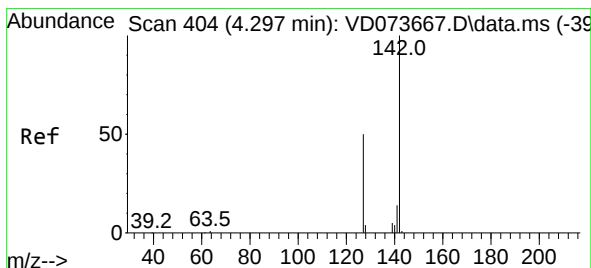
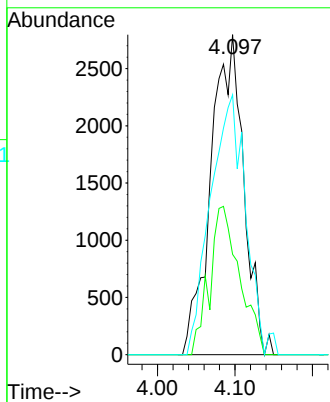
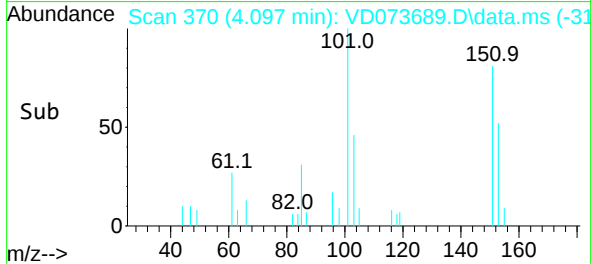
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



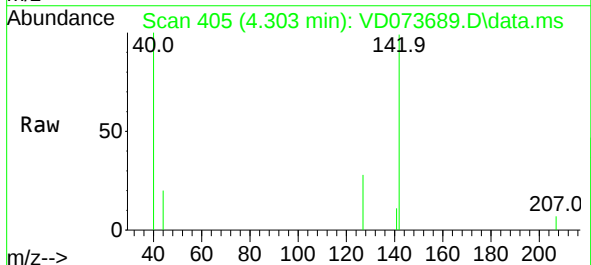
Tgt Ion:101 Resp: 824
Ion Ratio Lower Upper
101 100
85 42.3 34.8 52.2
151 85.8 63.4 95.0

Manual Integrations
APPROVED

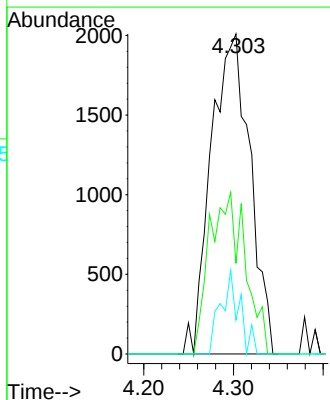
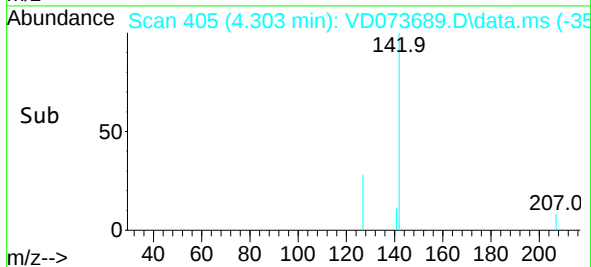
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

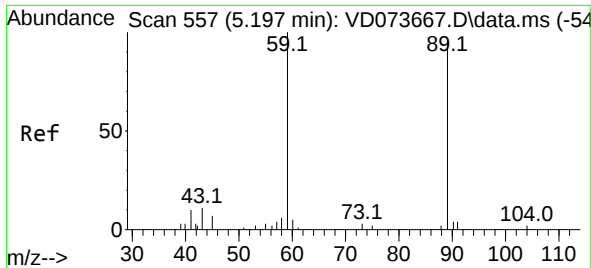


#10
Methyl Iodide
Concen: 2.294 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57



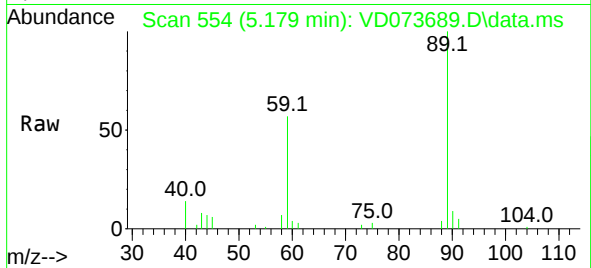
Tgt Ion:142 Resp: 6047
Ion Ratio Lower Upper
142 100
127 46.2 39.4 59.2
141 12.5 11.9 17.9





#11
Tert butyl alcohol
Concen: 49.016 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

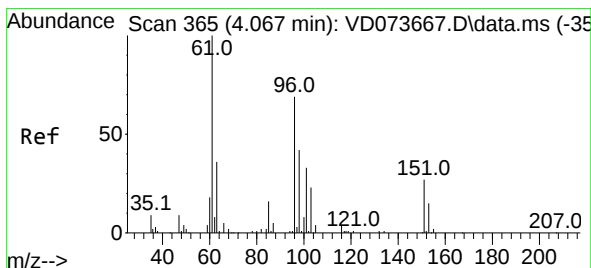
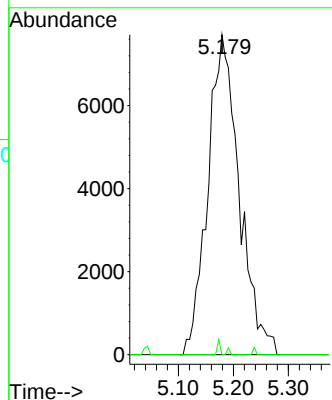
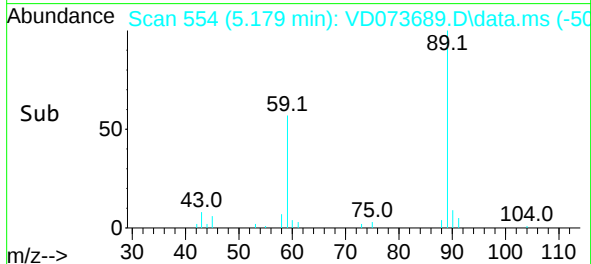
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



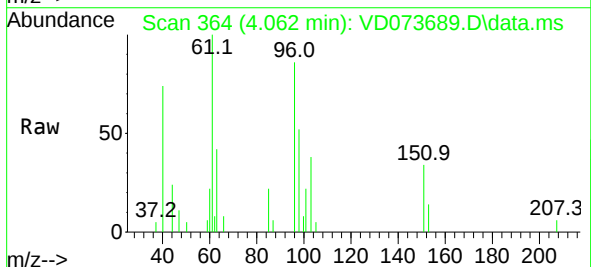
Tgt Ion: 59 Resp: 30670
Ion Ratio Lower Upper
59 100
57 0.4 0.0 0.0

Manual Integrations
APPROVED

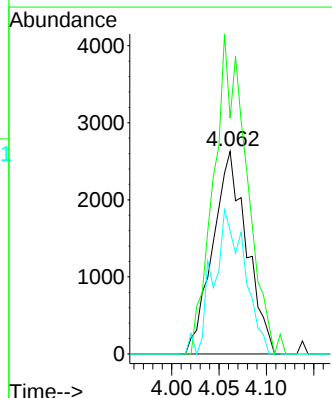
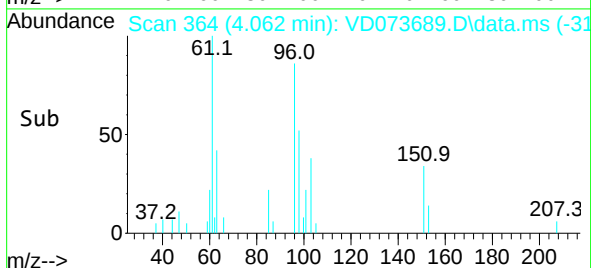
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

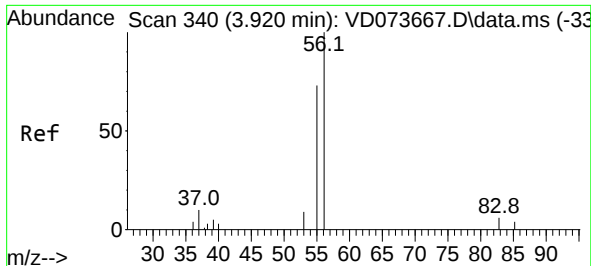


#12
1,1-Dichloroethene
Concen: 2.772 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57



Tgt Ion: 96 Resp: 6527
Ion Ratio Lower Upper
96 100
61 116.4 116.3 174.5
98 60.8 48.7 73.1





#13

Acrolein

Concen: 7.443 ug/l

RT: 3.909 min Scan# 31

Delta R.T. -0.011 min

Lab File: VD073689.D

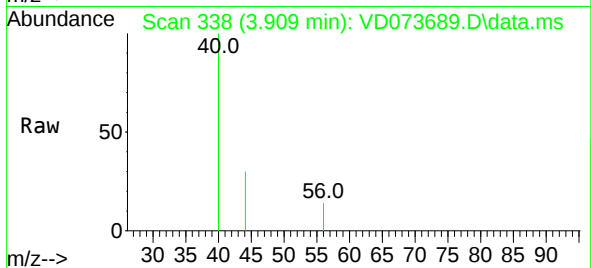
Acq: 24 Jun 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2022



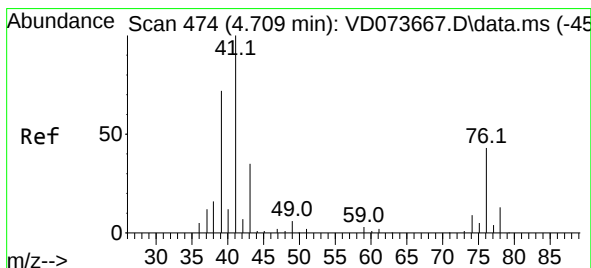
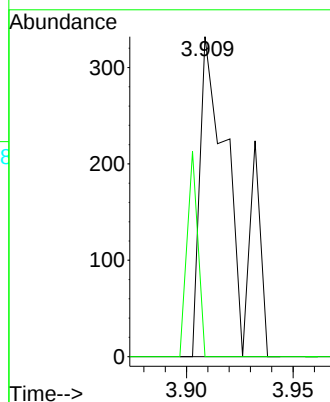
Tgt Ion: 56 Resp: 354

Ion	Ratio	Lower	Upper
56	100		
55	21.2	60.3	90.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#14

Allyl chloride

Concen: 2.561 ug/l

RT: 4.703 min Scan# 473

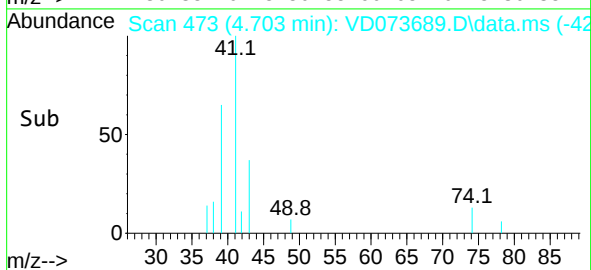
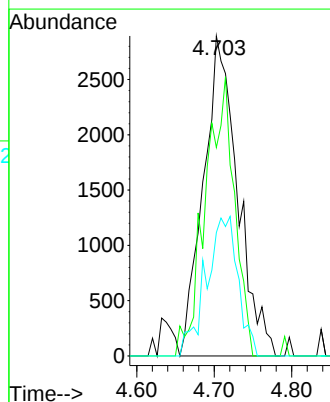
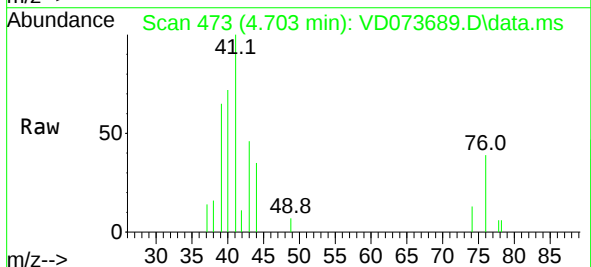
Delta R.T. -0.006 min

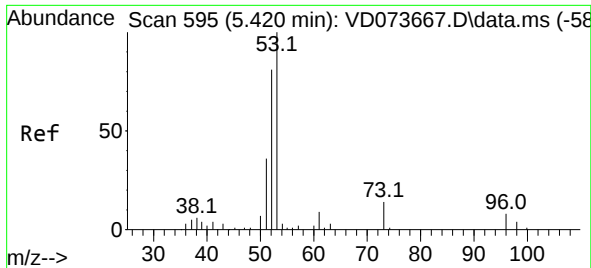
Lab File: VD073689.D

Acq: 24 Jun 2022 15:57

Tgt Ion: 41 Resp: 8891

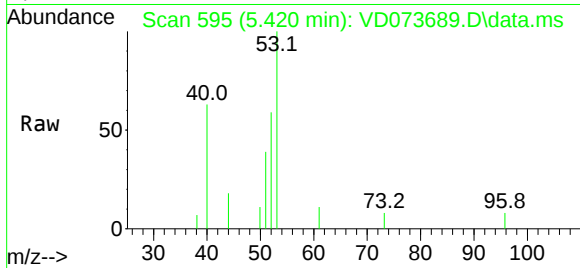
Ion	Ratio	Lower	Upper
41	100		
39	74.2	56.6	85.0
76	40.5	32.7	49.1





#15
Acrylonitrile
Concen: 13.487 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

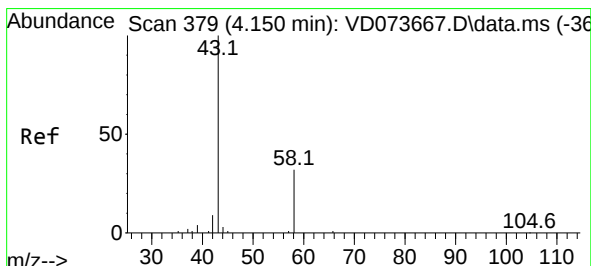
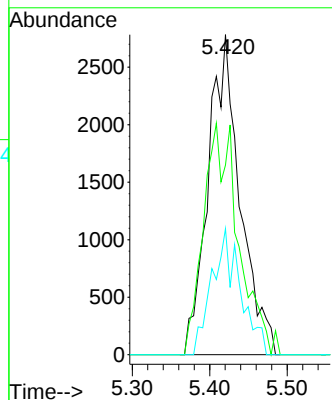
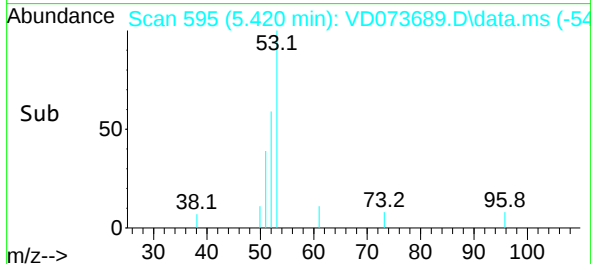
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022



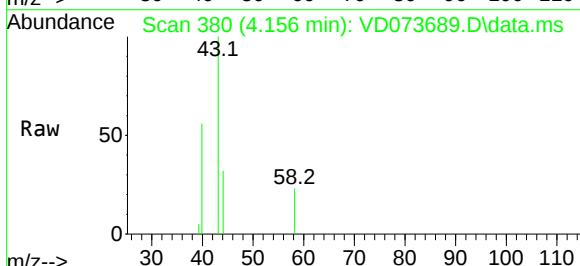
Tgt Ion: 53 Resp: 799
Ion Ratio Lower Upper
53 100
52 79.1 66.2 99.2
51 35.1 30.2 45.2

Manual Integrations
APPROVED

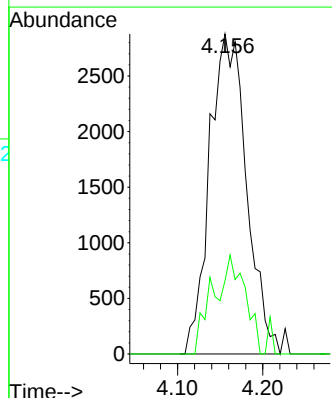
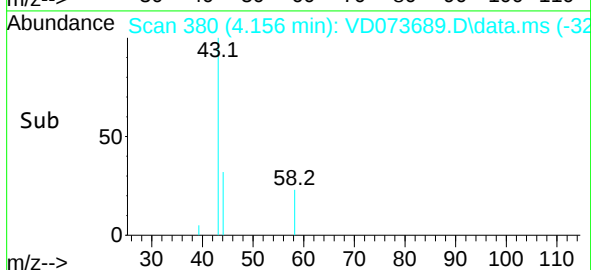
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

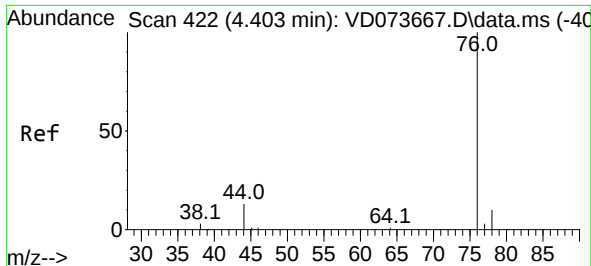


#16
Acetone
Concen: 17.441 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57



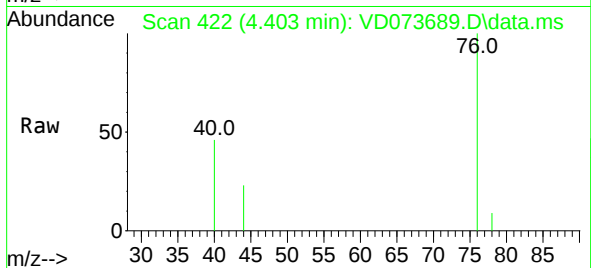
Tgt Ion: 43 Resp: 8671
Ion Ratio Lower Upper
43 100
58 22.9 25.2 37.8#





#17
Carbon Disulfide
Concen: 2.512 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

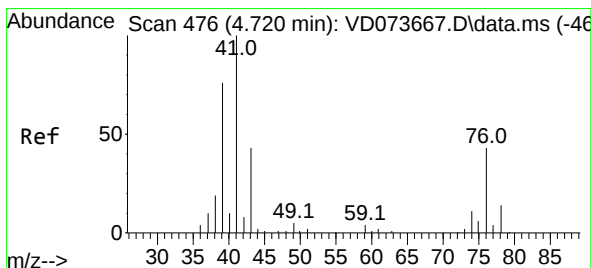
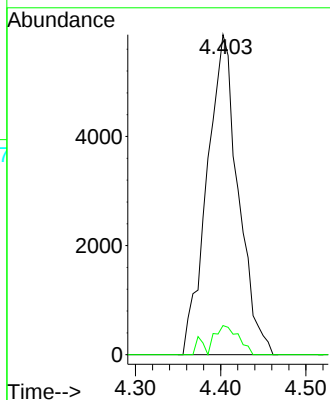
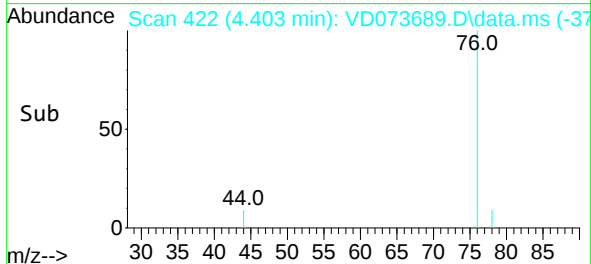
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



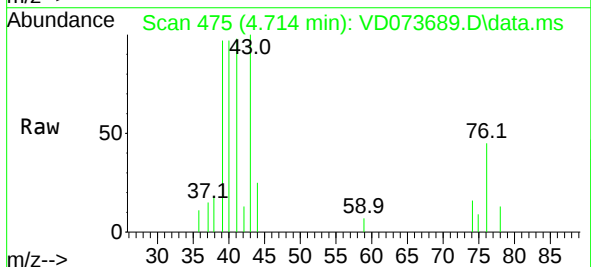
Tgt Ion: 76 Resp: 14928
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5

Manual Integrations
APPROVED

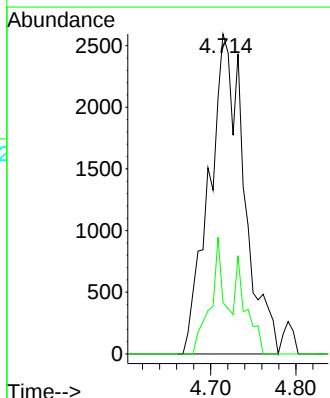
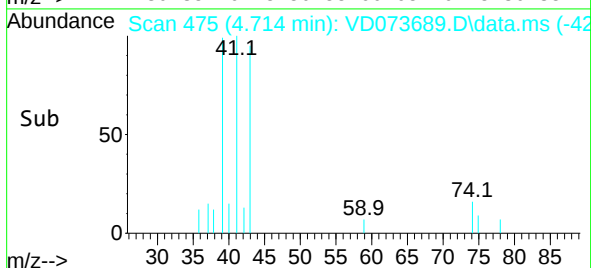
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

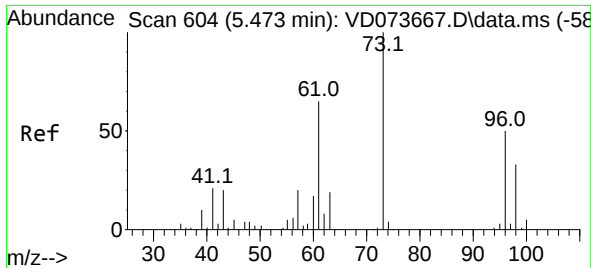


#18
Methyl Acetate
Concen: 4.822 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57



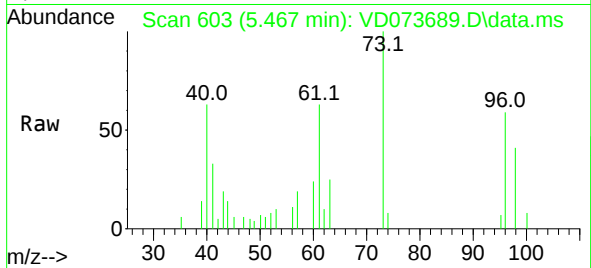
Tgt Ion: 43 Resp: 7394
Ion Ratio Lower Upper
43 100
74 15.4 20.2 30.4#





#19
Methyl tert-butyl Ether
Concen: 2.405 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

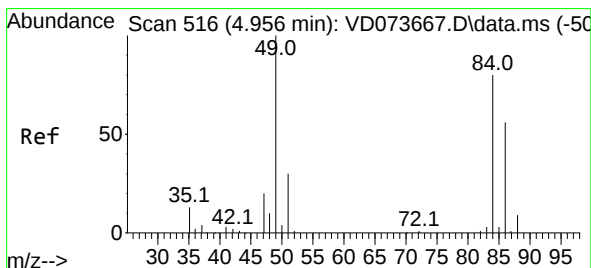
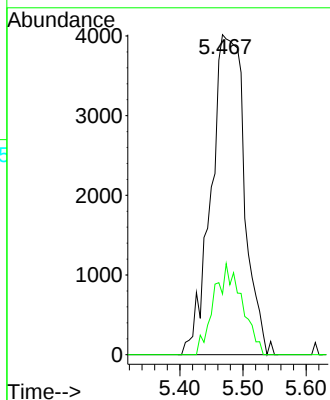
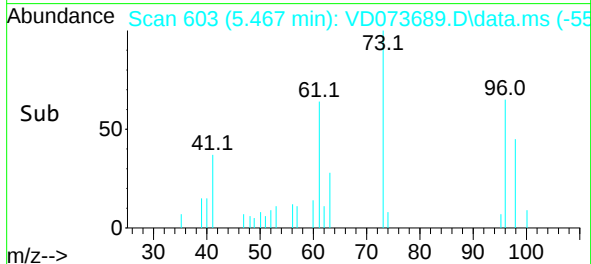
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion: 73 Resp: 1474
Ion Ratio Lower Upper
73 100
57 18.9 16.3 24.5

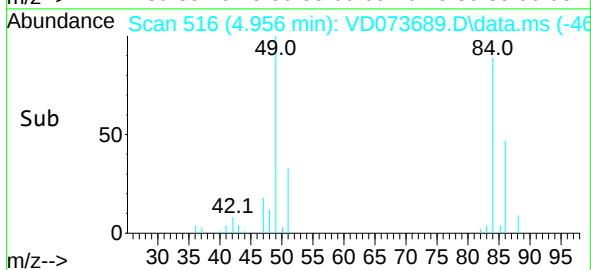
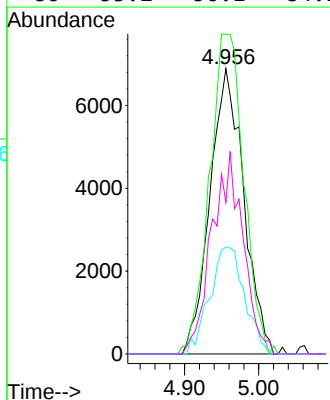
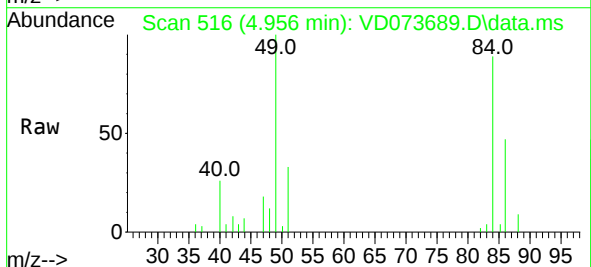
Manual Integrations
APPROVED

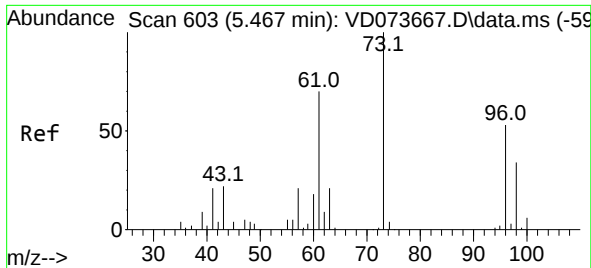
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#20
Methylene Chloride
Concen: 6.022 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

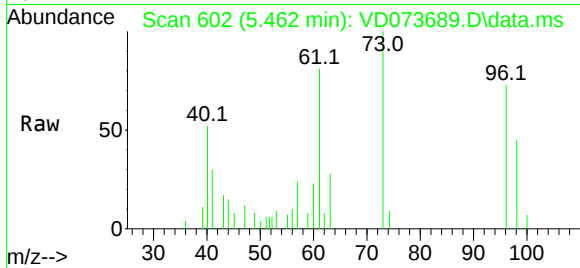
Tgt Ion: 84 Resp: 21770
Ion Ratio Lower Upper
84 100
49 112.1 100.6 150.8
51 37.5 29.8 44.6
86 53.2 56.1 84.1#





#21
trans-1,2-Dichloroethene
Concen: 2.701 ug/l
RT: 5.462 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

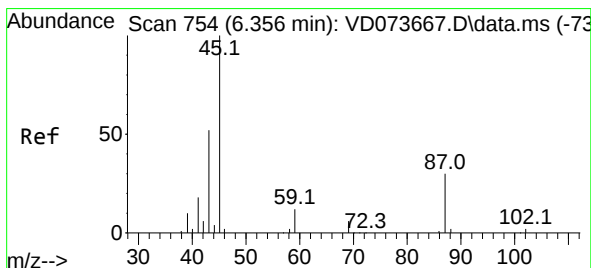
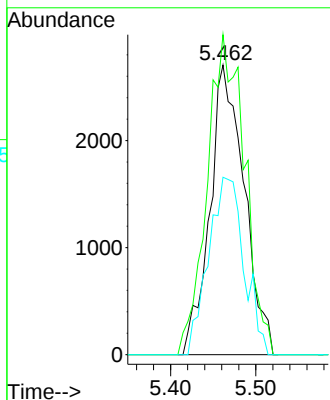
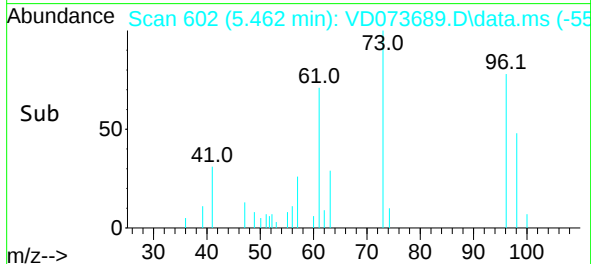
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion: 96 Resp: 7560
Ion Ratio Lower Upper
96 100
61 110.5 105.0 157.6
98 61.3 50.6 75.8

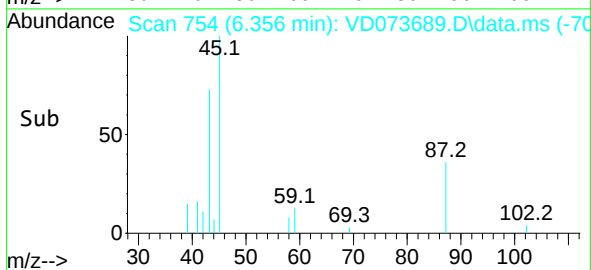
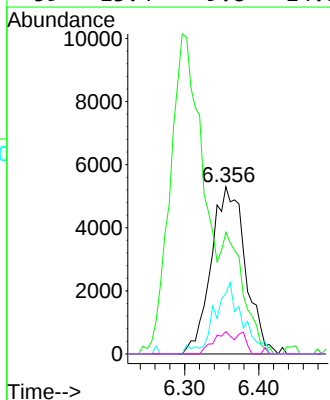
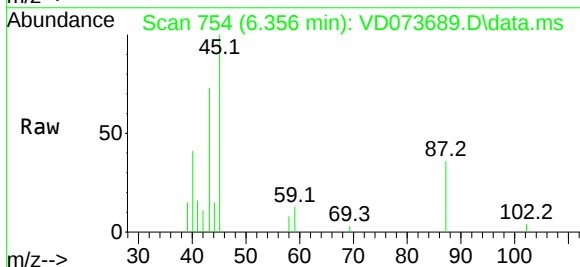
Manual Integrations
APPROVED

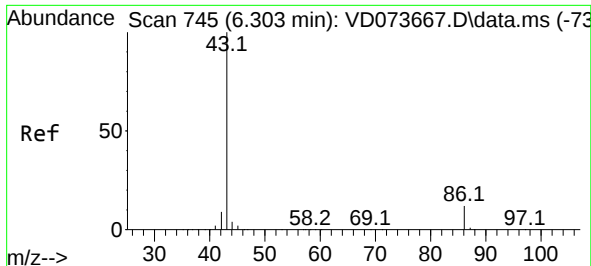
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#22
Diisopropyl ether
Concen: 2.179 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

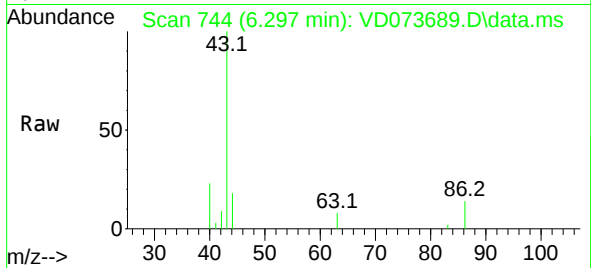
Tgt Ion: 45 Resp: 16983
Ion Ratio Lower Upper
45 100
43 72.7 42.1 63.1#
87 36.3 24.2 36.4
59 13.4 9.8 14.8





#23
 Vinyl Acetate
 Concen: 9.657 ug/l m
 RT: 6.297 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD073689.D
 Acq: 24 Jun 2022 15:57

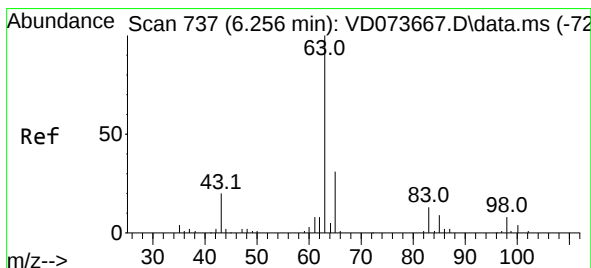
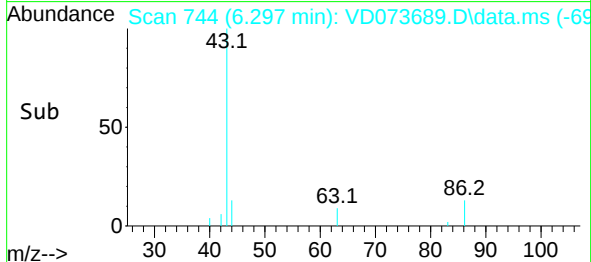
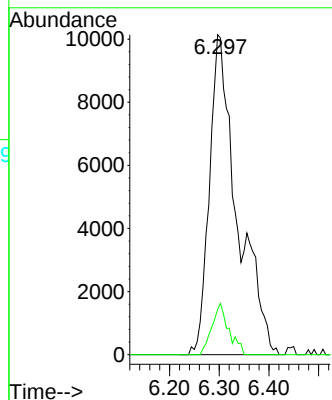
Instrument : MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2022



Tgt Ion: 43 Resp: 3946
 Ion Ratio Lower Upper
 43 100
 86 14.2 9.7 14.5

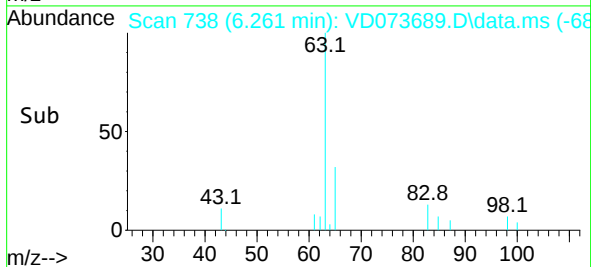
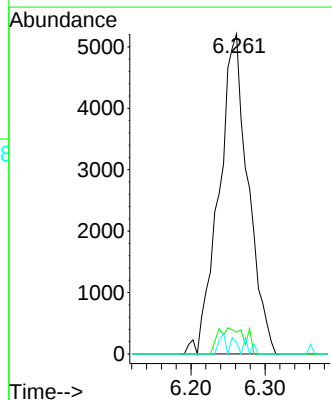
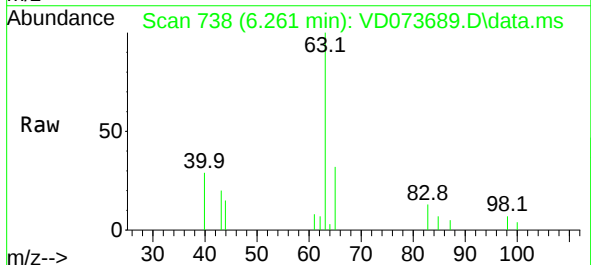
Manual Integrations
 APPROVED

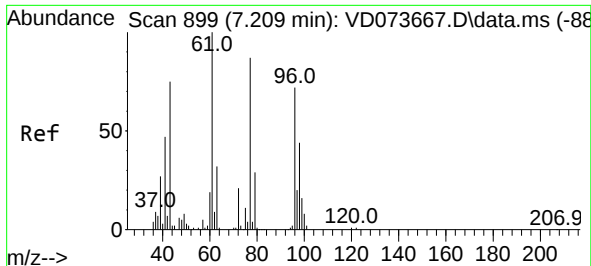
Reviewed By :Mahesh Dadoda 06/28/2022
 Supervised By :Semsettin Yesilyurt 06/28/2022



#24
 1,1-Dichloroethane
 Concen: 2.740 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.006 min
 Lab File: VD073689.D
 Acq: 24 Jun 2022 15:57

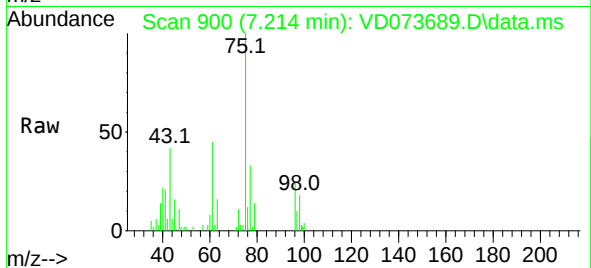
Tgt Ion: 63 Resp: 14226
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 12.2
 100 3.6 2.1 6.5





#25
2-Butanone
Concen: 15.531 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

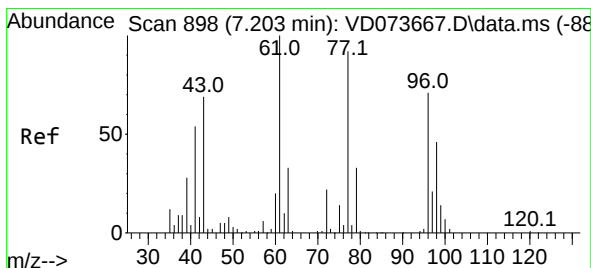
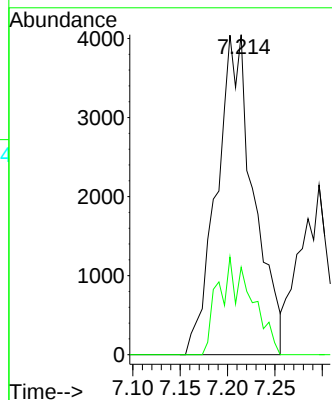
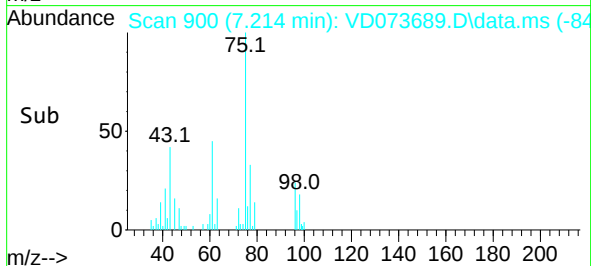
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



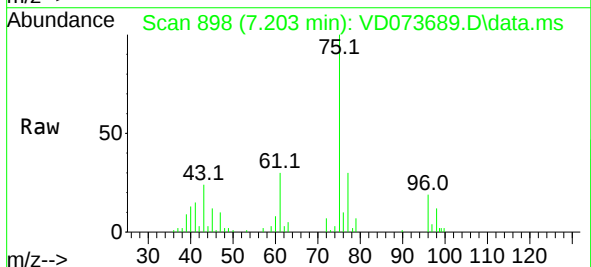
Tgt Ion: 43 Resp: 11010
Ion Ratio Lower Upper
43 100
72 27.3 22.6 33.8

Manual Integrations
APPROVED

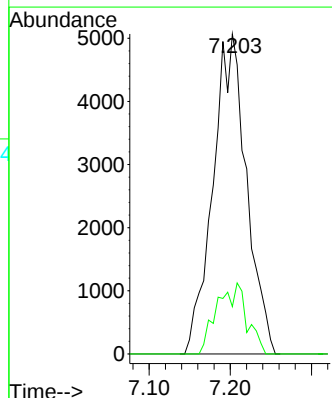
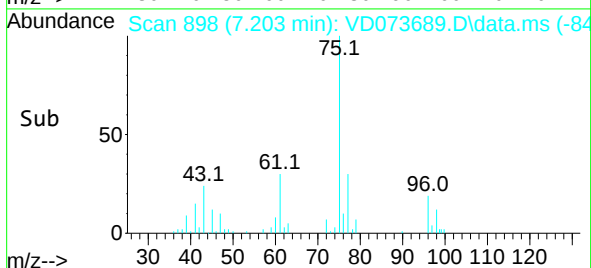
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

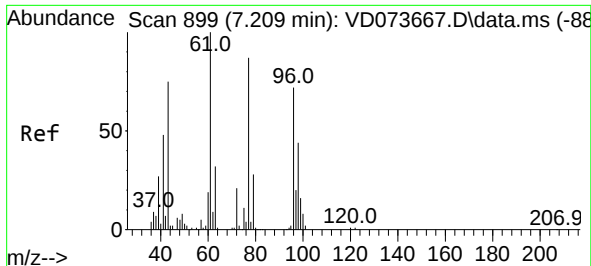


#26
2,2-Dichloropropane
Concen: 2.976 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57



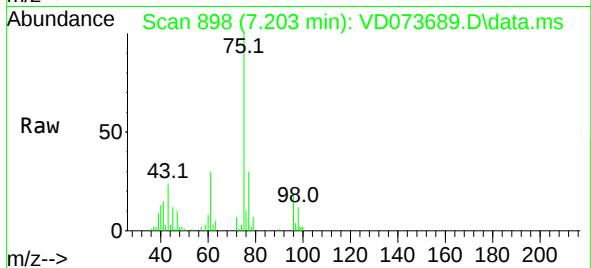
Tgt Ion: 77 Resp: 14556
Ion Ratio Lower Upper
77 100
97 19.7 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 2.509 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

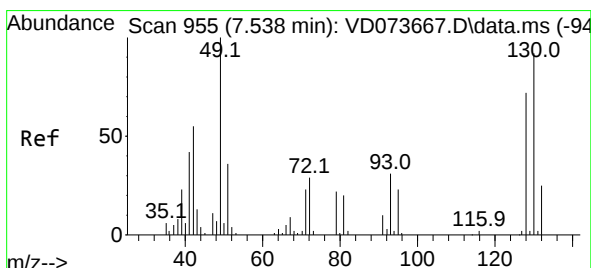
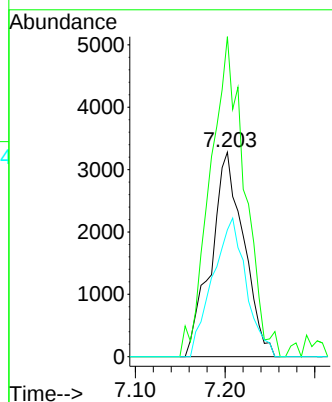
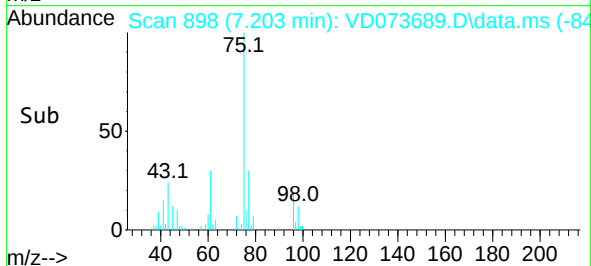
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion: 96 Resp: 826
Ion Ratio Lower Upper
96 100
61 166.5 0.0 276.0
98 69.6 0.0 128.0

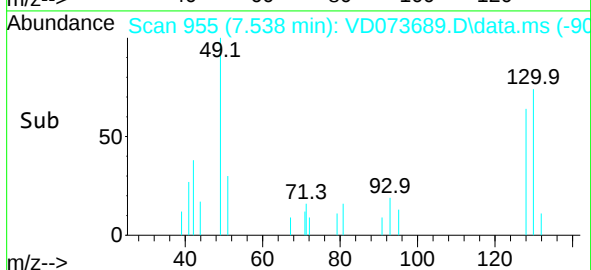
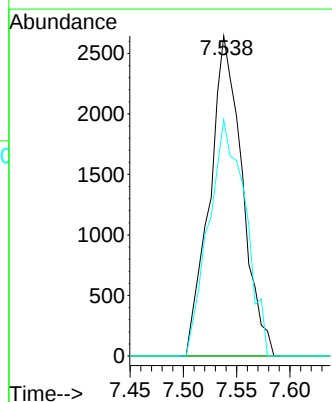
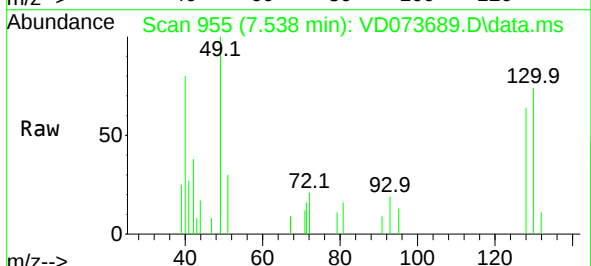
Manual Integrations
APPROVED

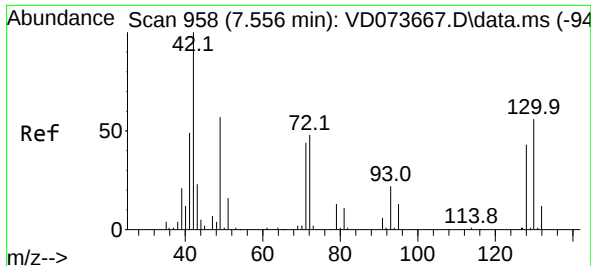
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#28
Bromochloromethane
Concen: 3.052 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

Tgt Ion: 49 Resp: 5591
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.0
130 83.2 73.2 109.8





#29

Tetrahydrofuran

Concen: 13.151 ug/l

RT: 7.567 min Scan# 90

Delta R.T. 0.012 min

Lab File: VD073689.D

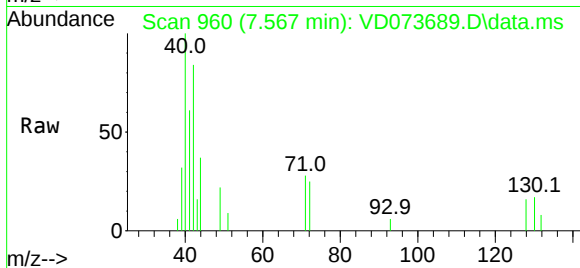
Acq: 24 Jun 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2022

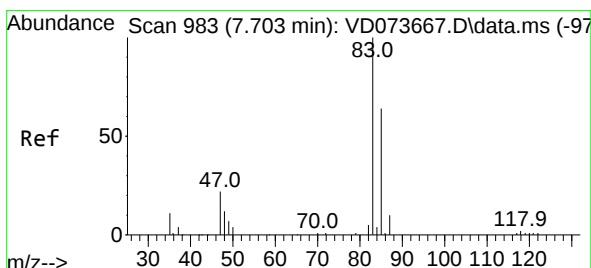
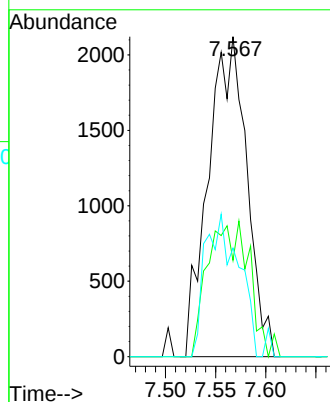
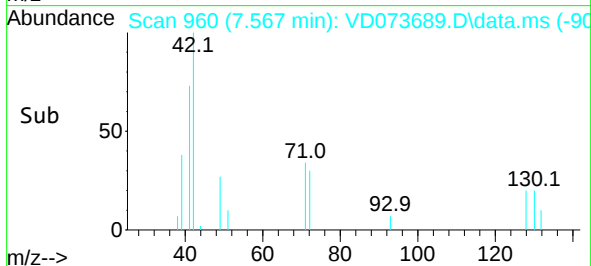


Tgt Ion: 42	Resp: 567
Ion Ratio	Lower Upper
42	100
72	28.5 37.8 56.6
71	0.0 35.5 53.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#30

Chloroform

Concen: 2.510 ug/l

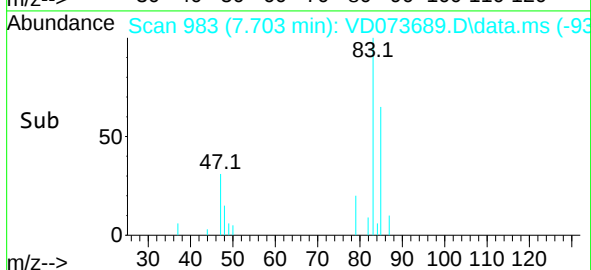
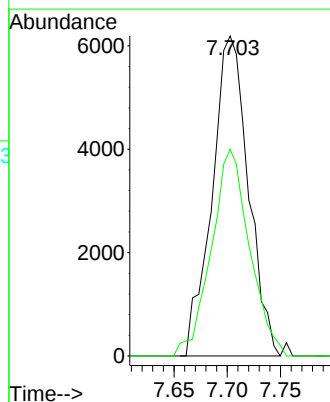
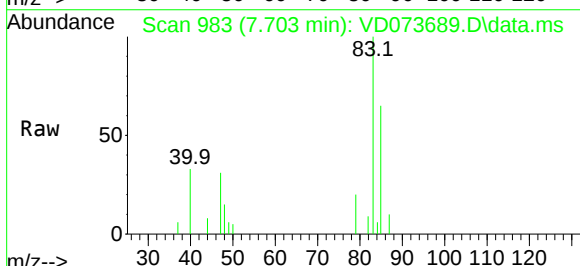
RT: 7.703 min Scan# 983

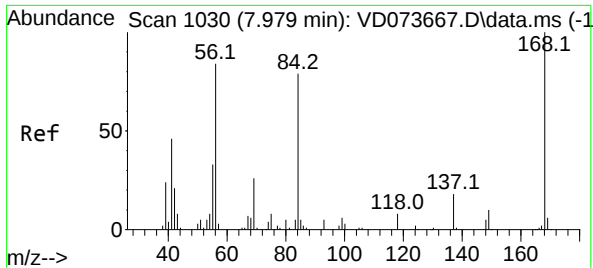
Delta R.T. -0.000 min

Lab File: VD073689.D

Acq: 24 Jun 2022 15:57

Tgt Ion: 83	Resp: 14667
Ion Ratio	Lower Upper
83	100
85	61.2 51.1 76.7





#31

Cyclohexane

Concen: 3.382 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073689.D

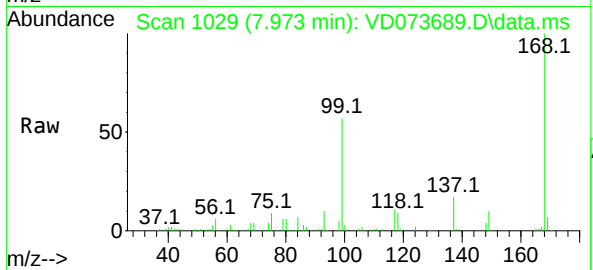
Acq: 24 Jun 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2022



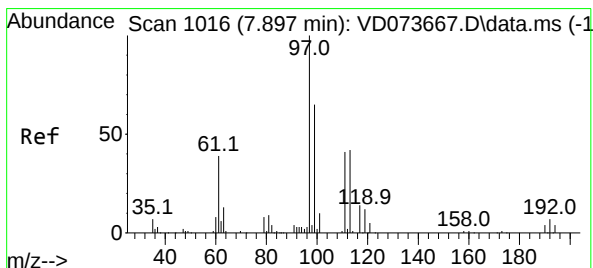
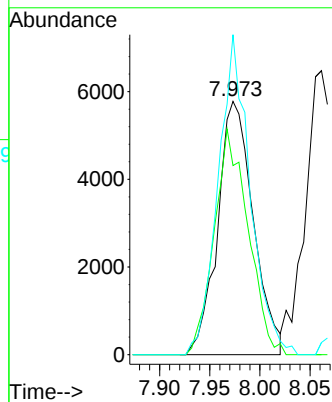
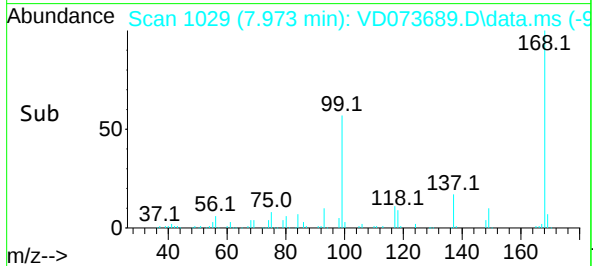
Tgt Ion: 56 Resp: 14280

Ion	Ratio	Lower	Upper
56	100		
69	74.6	25.2	37.8
84	126.3	75.4	113.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#32

1,1,1-Trichloroethane

Concen: 2.621 ug/l

RT: 7.903 min Scan# 1017

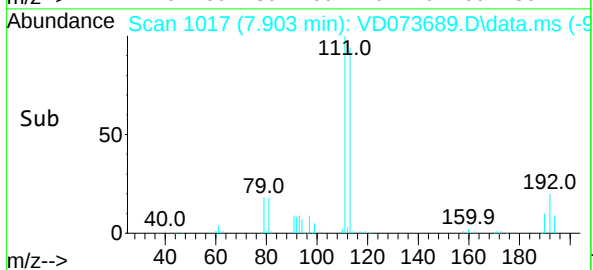
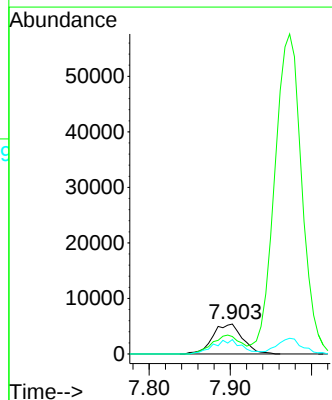
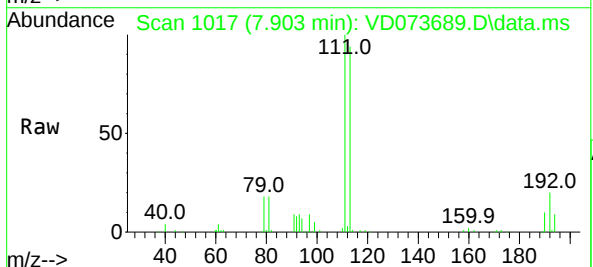
Delta R.T. 0.006 min

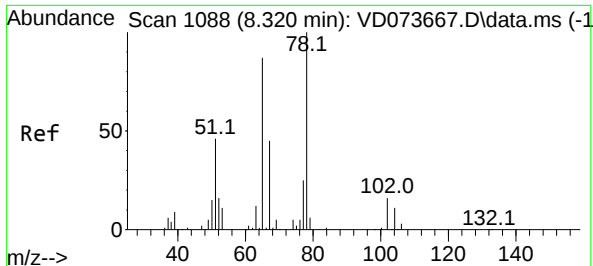
Lab File: VD073689.D

Acq: 24 Jun 2022 15:57

Tgt Ion: 97 Resp: 13756

Ion	Ratio	Lower	Upper
97	100		
99	59.3	51.2	76.8
61	45.3	33.4	50.0





#33

1,2-Dichloroethane-d4

Concen: 49.067 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073689.D

Acq: 24 Jun 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2022

Tgt Ion: 65 Resp: 13810

Ion Ratio Lower Upper

65 100

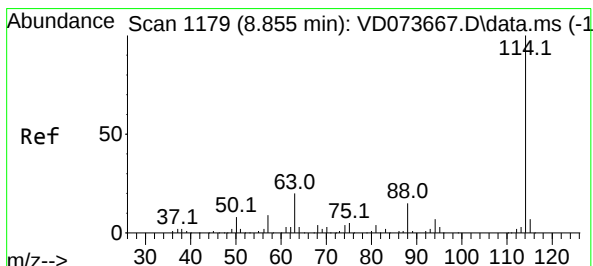
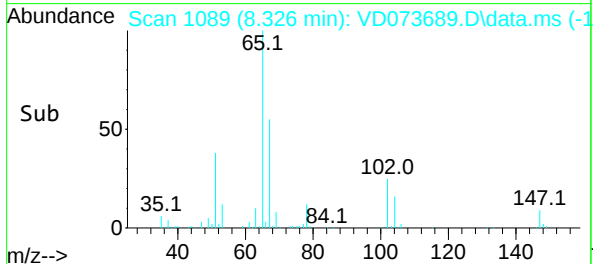
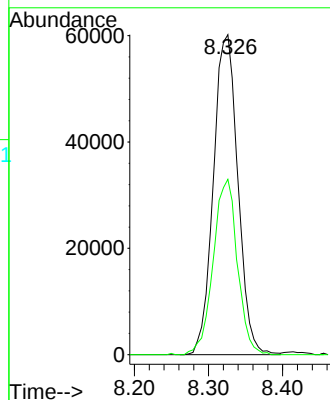
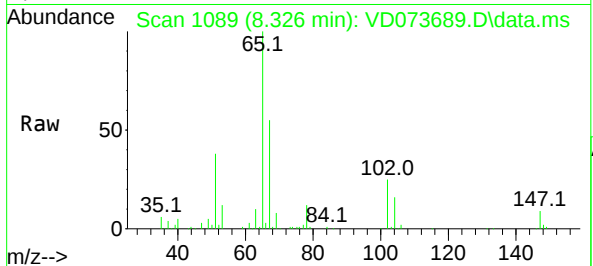
67 54.1 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022

Supervised By :Semsettin Yesilyurt 06/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073689.D

Acq: 24 Jun 2022 15:57

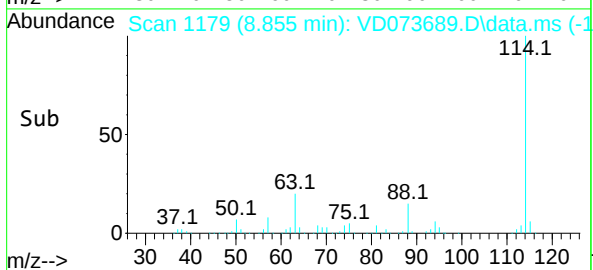
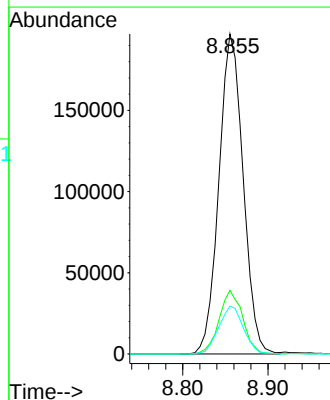
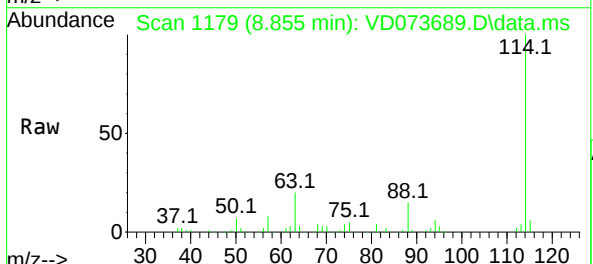
Tgt Ion:114 Resp: 389199

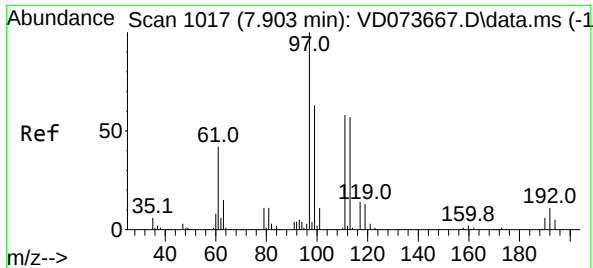
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

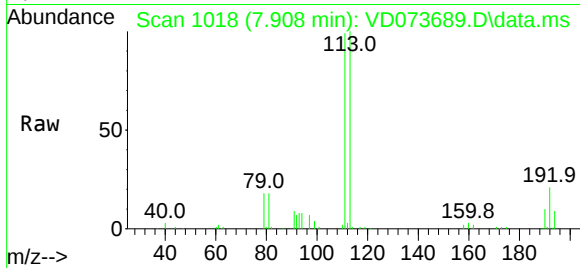
88 15.0 0.0 29.4





#35
Dibromofluoromethane
Concen: 48.652 ug/l
RT: 7.908 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

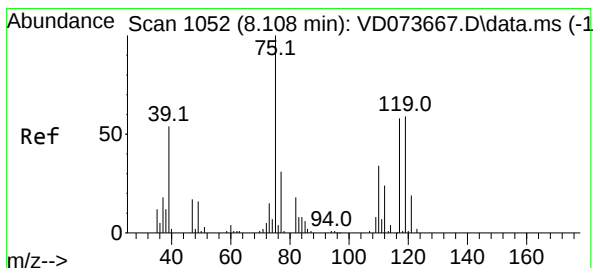
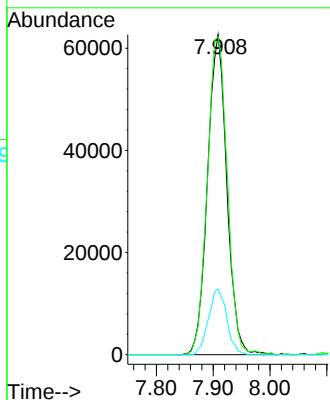
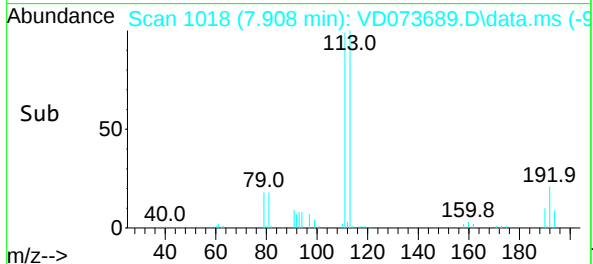
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion: 113 Resp: 147500
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 19.4 14.8 22.2

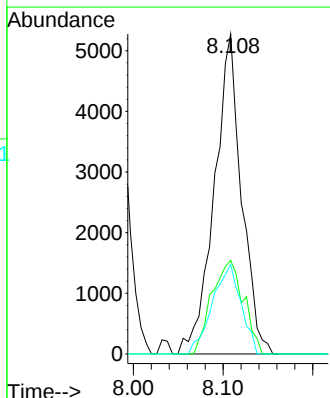
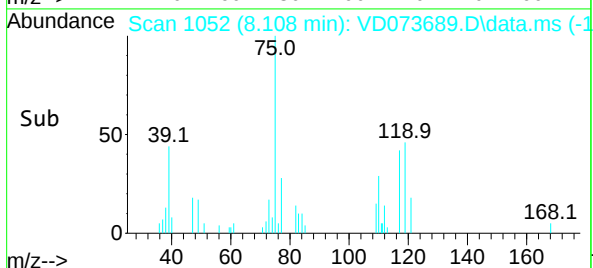
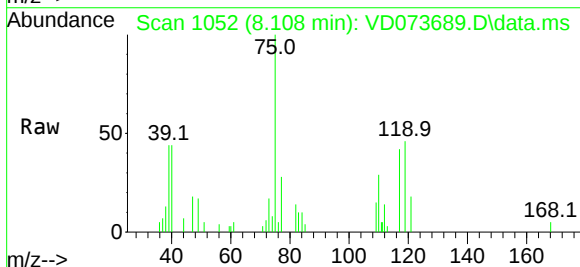
Manual Integrations
APPROVED

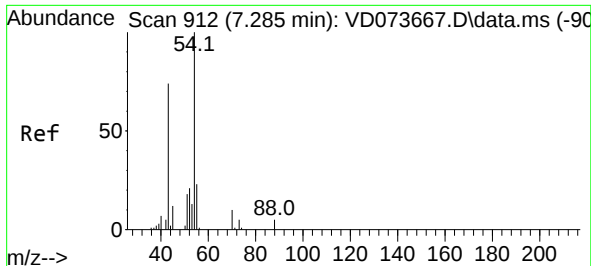
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#36
1,1-Dichloropropene
Concen: 2.614 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

Tgt Ion: 75 Resp: 11125
Ion Ratio Lower Upper
75 100
110 34.1 18.0 54.0
77 29.4 25.6 38.4





#37

Ethyl Acetate

Concen: 2.981 ug/l

RT: 7.297 min Scan# 912

Delta R.T. 0.012 min

Lab File: VD073689.D

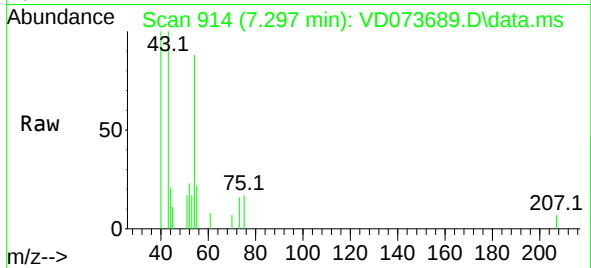
Acq: 24 Jun 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

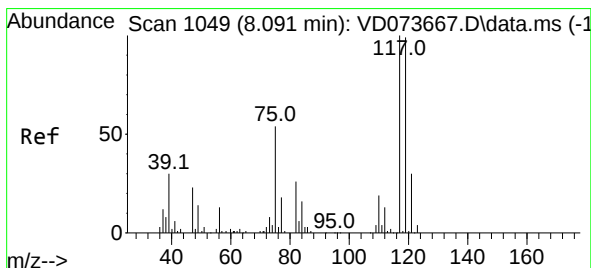
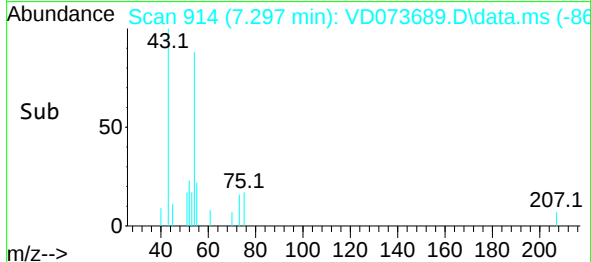
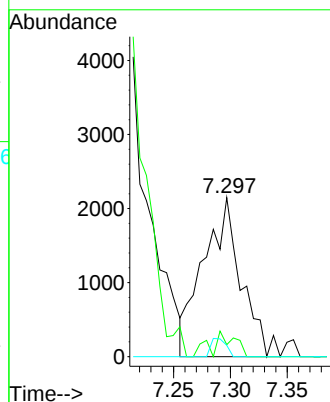
MDL-SOIL-03-QT2-2022



Tgt Ion:	43	Resp:	4979
Ion Ratio	Lower	Upper	
43	100		
61	0.0	10.6	16.0
70	4.5	9.9	14.9

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#38

Carbon Tetrachloride

Concen: 2.451 ug/l

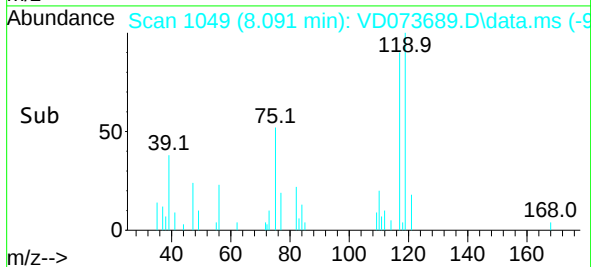
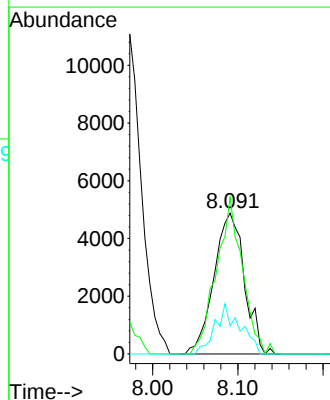
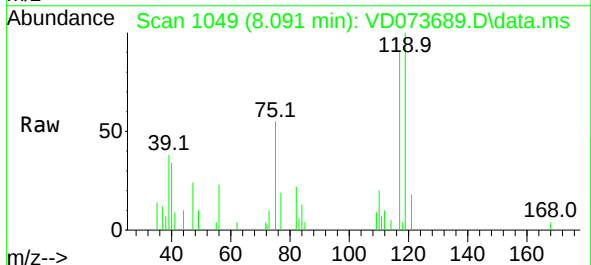
RT: 8.091 min Scan# 1049

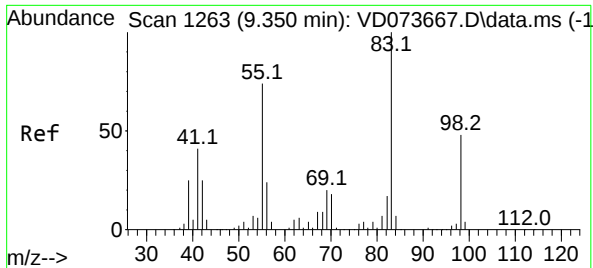
Delta R.T. -0.000 min

Lab File: VD073689.D

Acq: 24 Jun 2022 15:57

Tgt Ion:	117	Resp:	12146
Ion Ratio	Lower	Upper	
117	100		
119	111.0	79.2	118.8
121	19.9	23.8	35.8





#39

Methylcyclohexane

Concen: 2.590 ug/l

RT: 9.344 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VD073689.D

Acq: 24 Jun 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

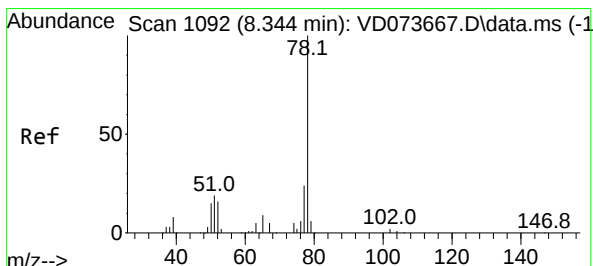
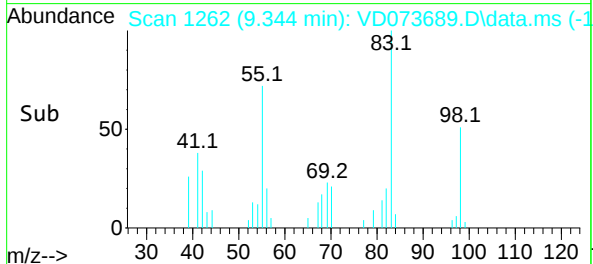
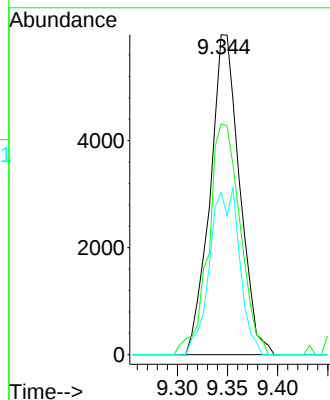
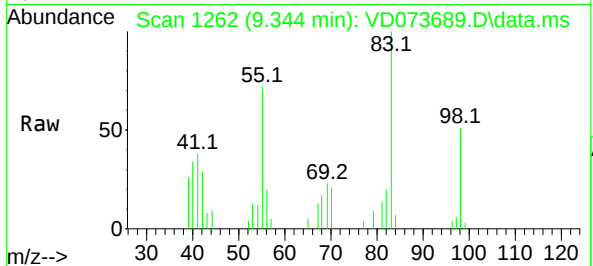
MDL-SOIL-03-QT2-2022

Tgt Ion: 83	Resp: 1223
Ion Ratio	Lower Upper
83 100	
55 72.1	59.0 88.4
98 50.6	38.3 57.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#40

Benzene

Concen: 2.550 ug/l

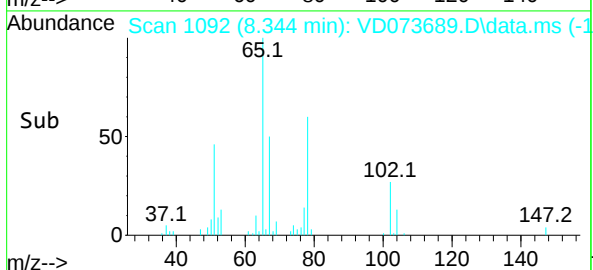
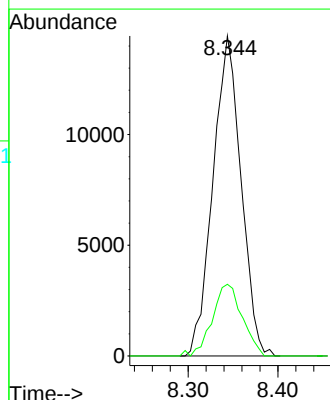
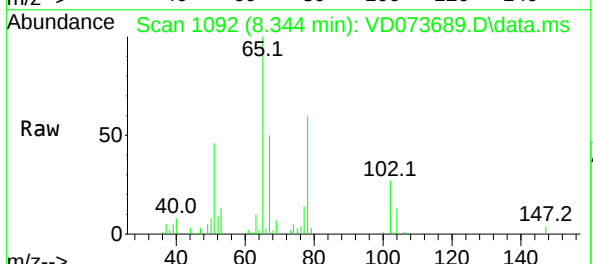
RT: 8.344 min Scan# 1092

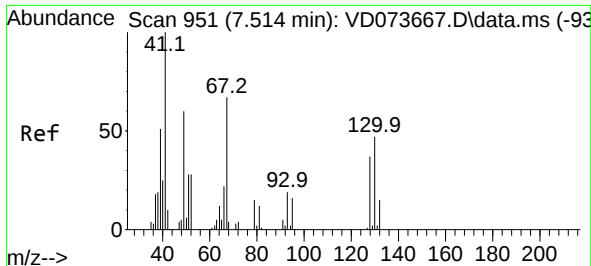
Delta R.T. -0.000 min

Lab File: VD073689.D

Acq: 24 Jun 2022 15:57

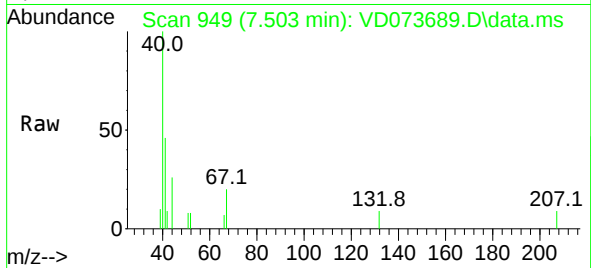
Tgt Ion: 78	Resp: 31413
Ion Ratio	Lower Upper
78 100	
77 22.4	19.0 28.4





#41
Methacrylonitrile
Concen: 1.688 ug/l
RT: 7.503 min Scan# 949
Delta R.T. -0.012 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

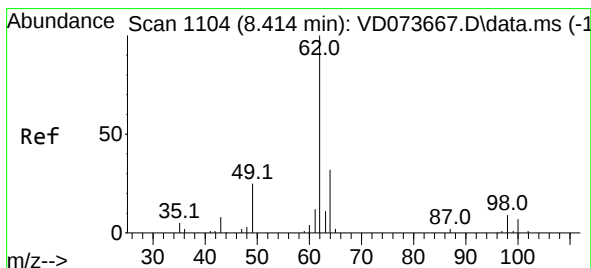
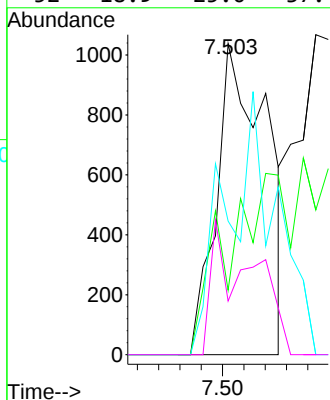
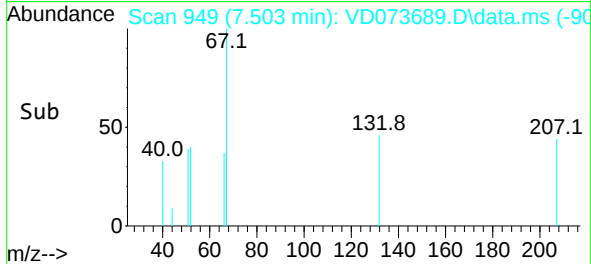
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022



Tgt Ion: 41 Resp: 170
Ion Ratio Lower Upper
41 100
39 0.0 42.1 63.1
67 0.0 58.6 87.8
52 18.9 25.0 37.4

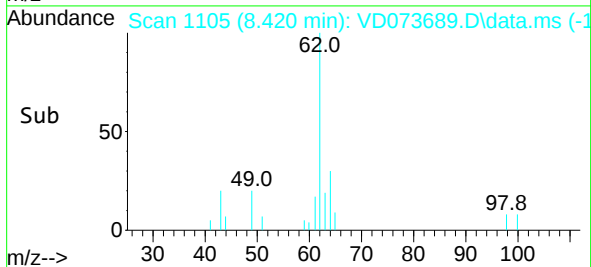
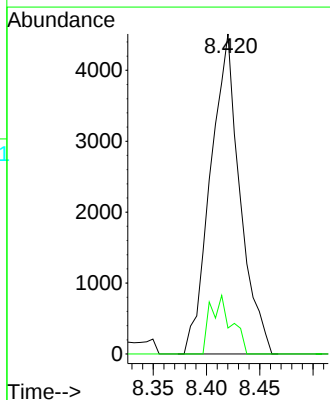
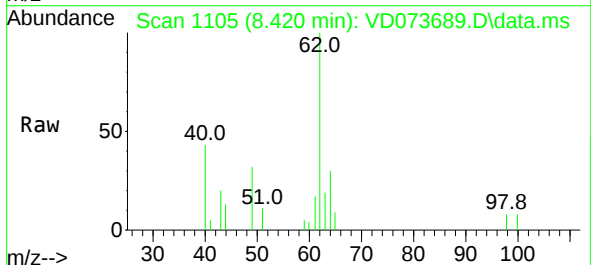
Manual Integrations
APPROVED

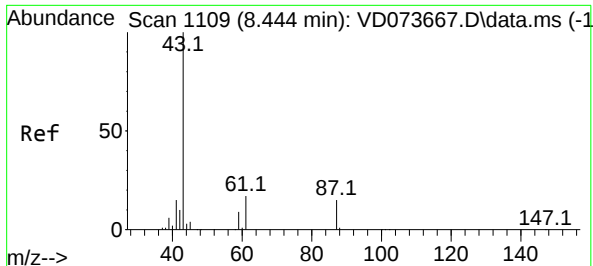
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#42
1,2-Dichloroethane
Concen: 2.342 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

Tgt Ion: 62 Resp: 8693
Ion Ratio Lower Upper
62 100
98 13.1 0.0 19.6





#43

Isopropyl Acetate

Concen: 2.389 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VD073689.D

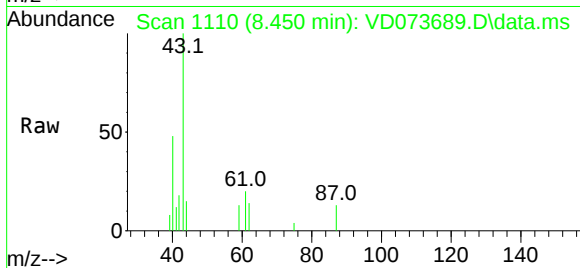
Acq: 24 Jun 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2022

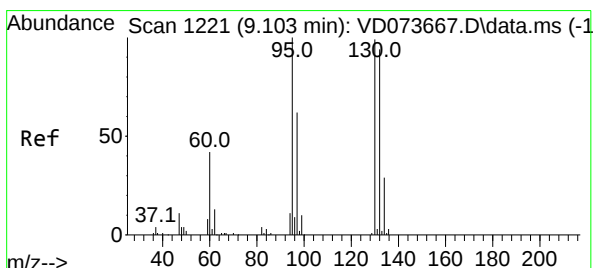
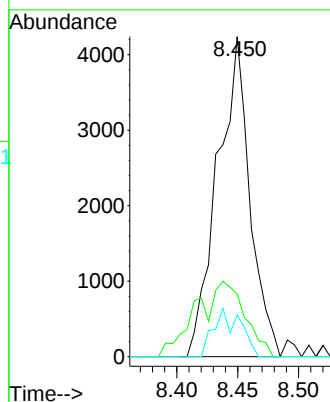
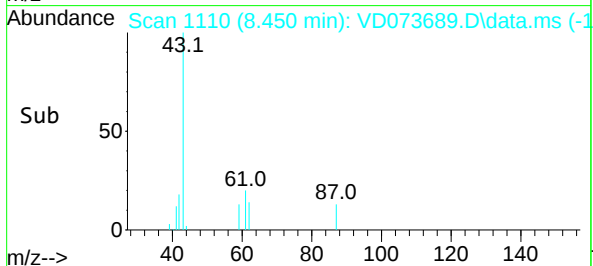


Tgt Ion: 43	Resp: 783
Ion Ratio	Lower Upper
43	100
61	22.4 25.4 38.0
87	12.5 11.9 17.9

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Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#44

Trichloroethene

Concen: 2.577 ug/l

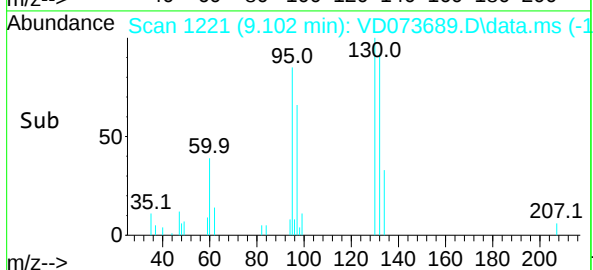
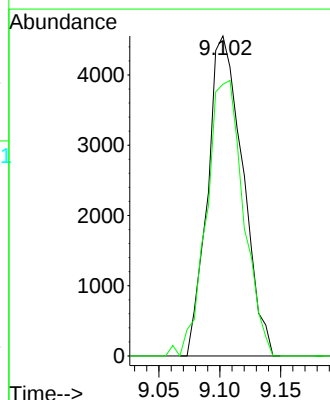
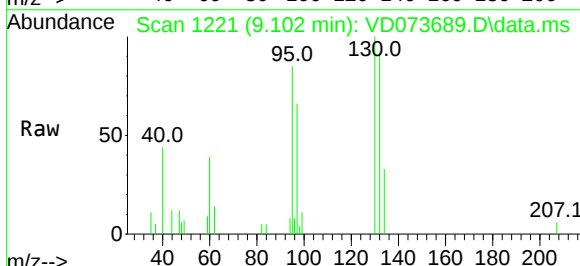
RT: 9.102 min Scan# 1221

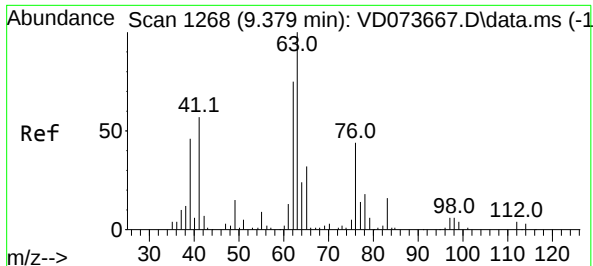
Delta R.T. -0.000 min

Lab File: VD073689.D

Acq: 24 Jun 2022 15:57

Tgt Ion:130	Resp: 9120
Ion Ratio	Lower Upper
130	100
95	84.9 0.0 202.8





#45

1,2-Dichloropropane

Concen: 2.560 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073689.D

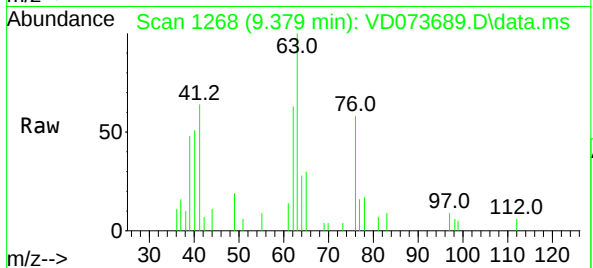
Acq: 24 Jun 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2022



Tgt Ion: 63 Resp: 7908

Ion Ratio Lower Upper

63 100

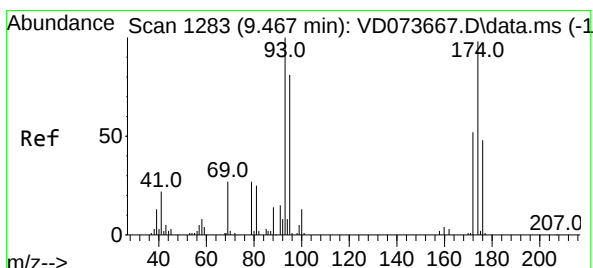
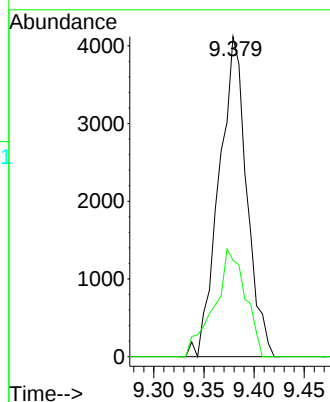
65 30.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022

Supervised By :Semsettin Yesilyurt 06/28/2022



#46

Dibromomethane

Concen: 2.573 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD073689.D

Acq: 24 Jun 2022 15:57

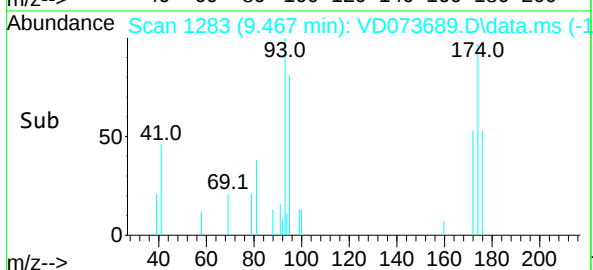
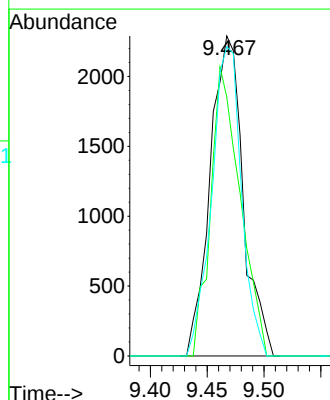
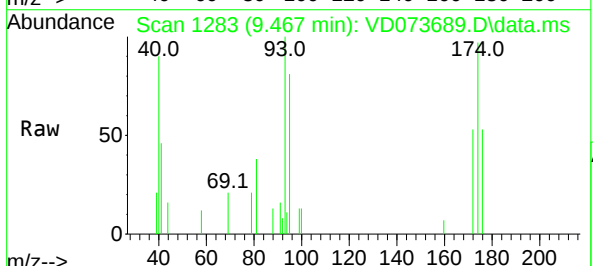
Tgt Ion: 93 Resp: 4613

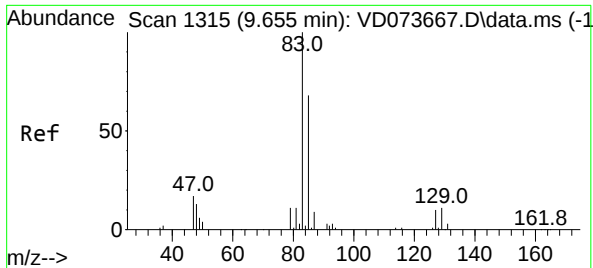
Ion Ratio Lower Upper

93 100

95 81.2 67.8 101.8

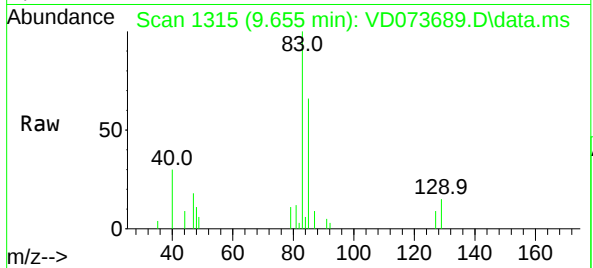
174 87.7 82.3 123.5





#47
Bromodichloromethane
Concen: 2.347 ug/l
RT: 9.655 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

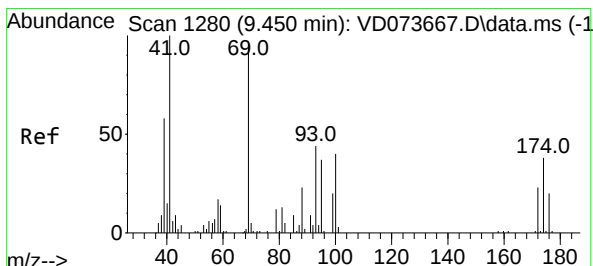
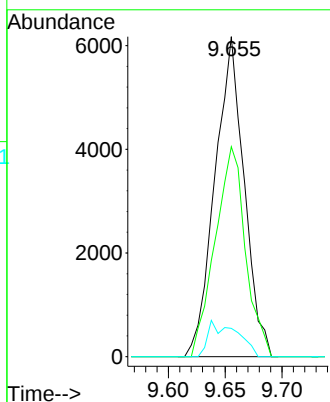
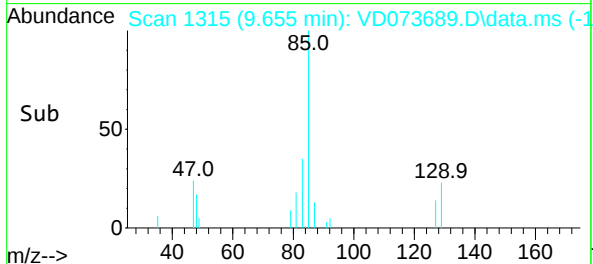
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022



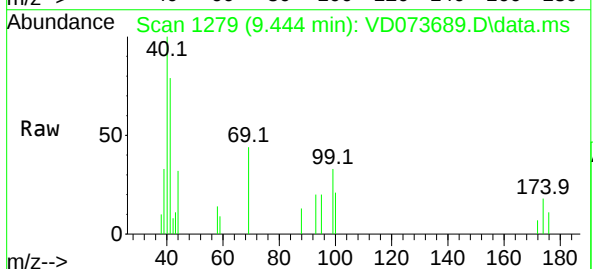
Tgt Ion: 83 Resp: 1103
Ion Ratio Lower Upper
83 100
85 65.6 54.5 81.7
127 8.9 7.7 11.5

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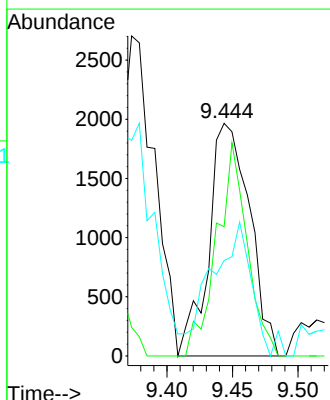
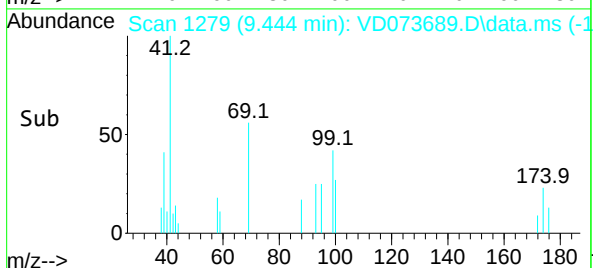
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

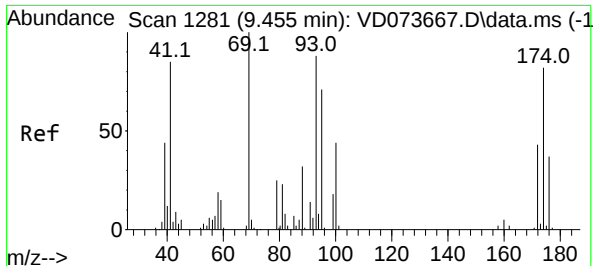


#48
Methyl methacrylate
Concen: 2.556 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57



Tgt Ion: 41 Resp: 4252
Ion Ratio Lower Upper
41 100
69 68.6 69.6 104.4#
39 54.2 45.5 68.3





#49

1,4-Dioxane

Concen: 46.201 ug/l

RT: 9.461 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD073689.D

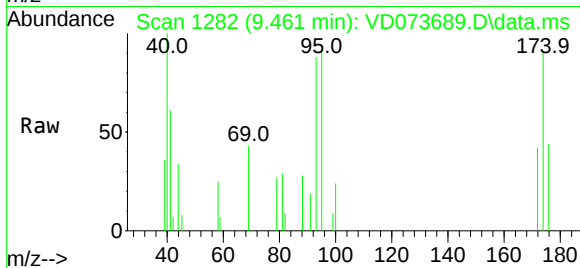
Acq: 24 Jun 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2022

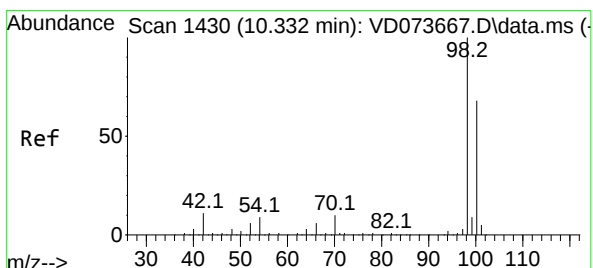
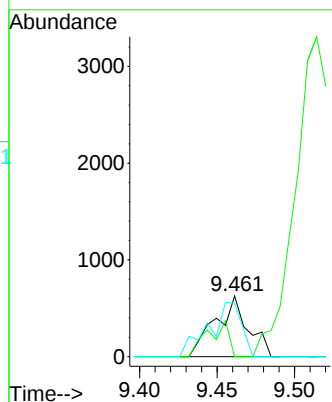


Tgt Ion: 88	Resp: 92
Ion Ratio	Lower Upper
88 100	
43 37.9	24.5 36.7
58 89.1	54.4 81.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#50

Toluene-d8

Concen: 44.828 ug/l

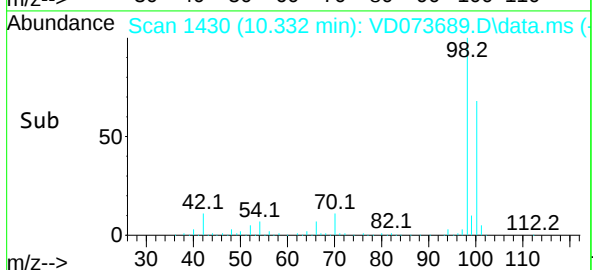
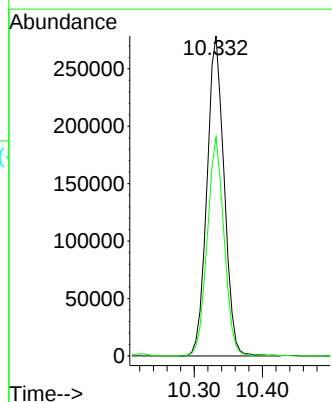
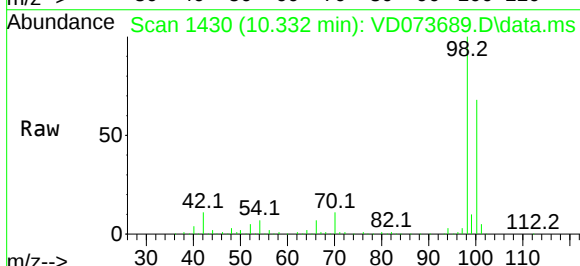
RT: 10.332 min Scan# 1430

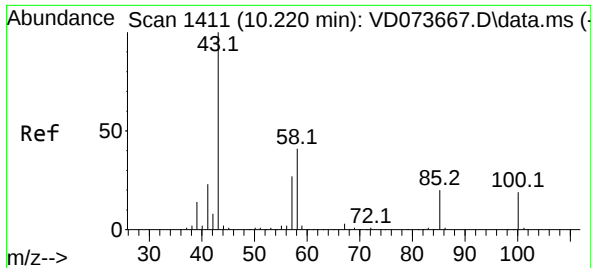
Delta R.T. -0.000 min

Lab File: VD073689.D

Acq: 24 Jun 2022 15:57

Tgt Ion: 98	Resp: 488003
Ion Ratio	Lower Upper
98 100	
100 67.2	54.0 81.0





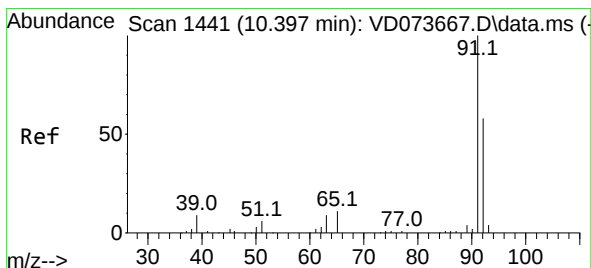
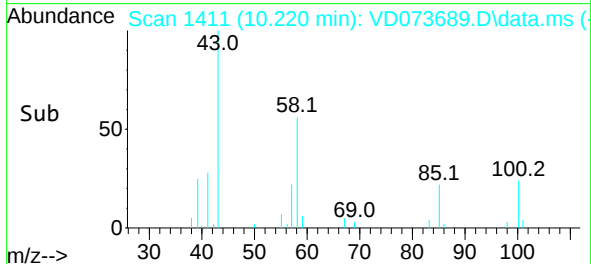
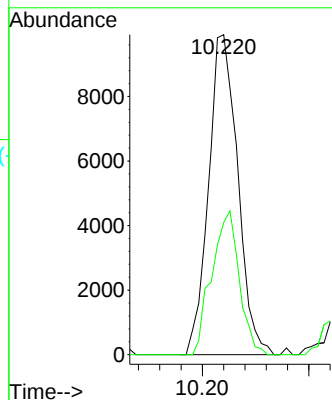
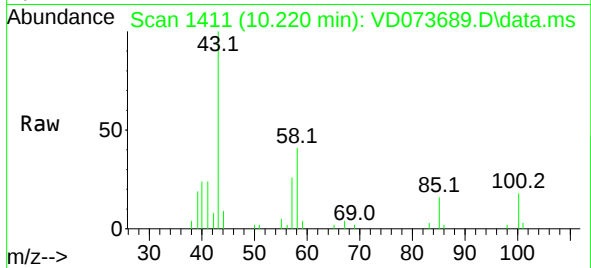
#51
4-Methyl-2-Pentanone
Concen: 11.190 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

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

Tgt Ion: 43 Resp: 1884
Ion Ratio Lower Upper
43 100
58 42.4 32.3 48.5

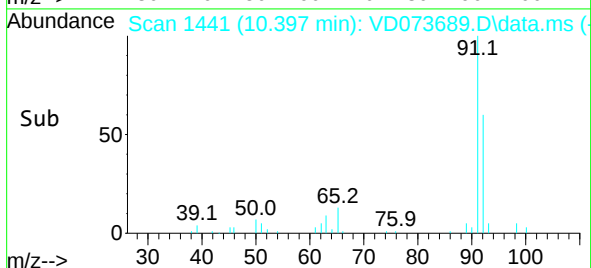
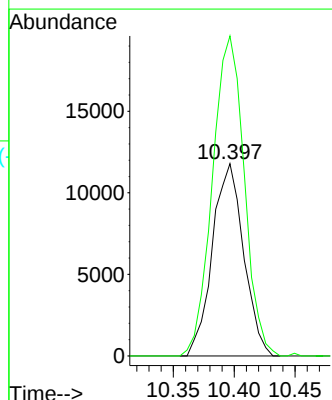
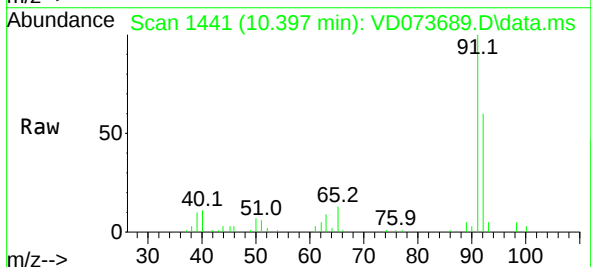
Manual Integrations
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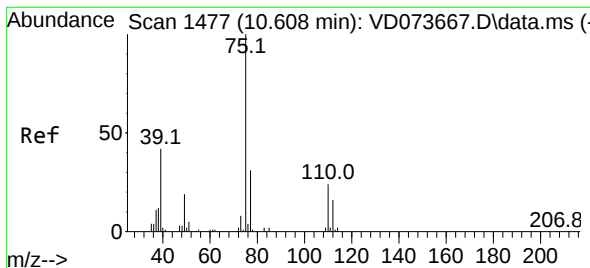
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#52
Toluene
Concen: 2.605 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

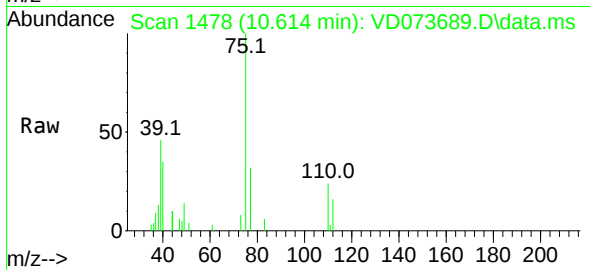
Tgt Ion: 92 Resp: 21033
Ion Ratio Lower Upper
92 100
91 169.2 136.1 204.1





#53
t-1,3-Dichloropropene
Concen: 2.486 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

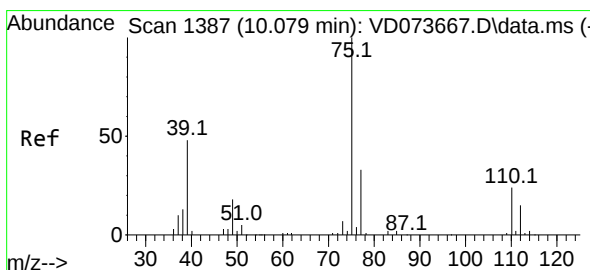
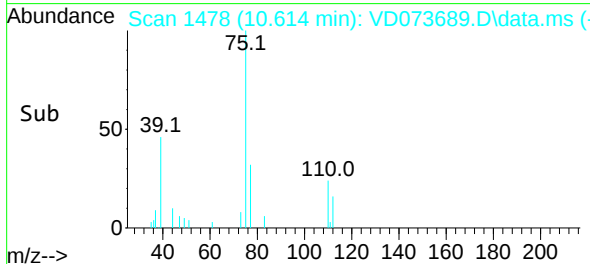
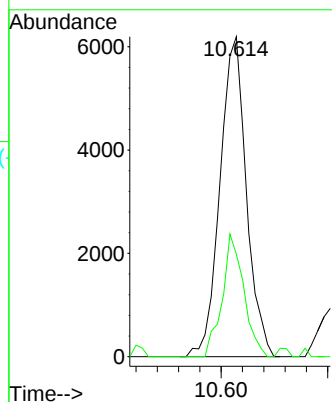
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion: 75 Resp: 10629
Ion Ratio Lower Upper
75 100
77 32.1 24.6 37.0

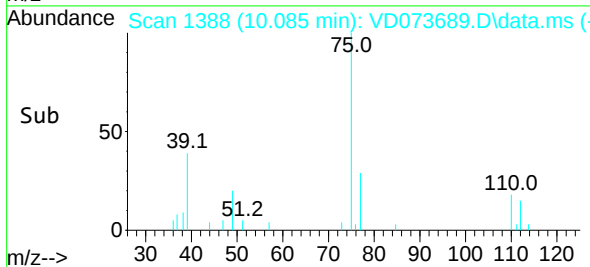
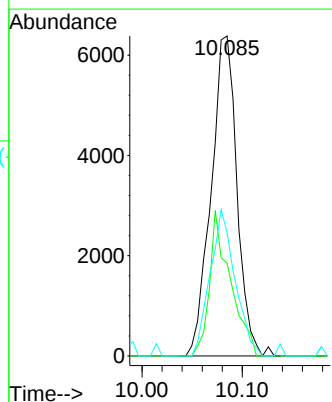
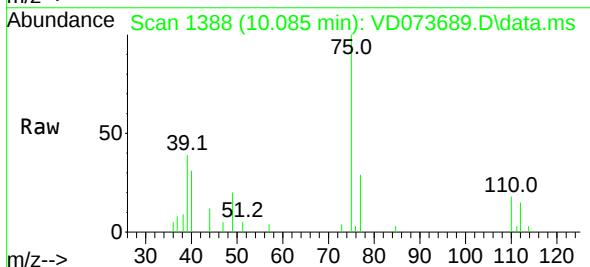
Manual Integrations
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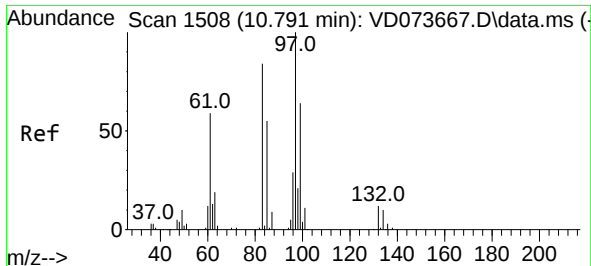
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#54
cis-1,3-Dichloropropene
Concen: 2.350 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

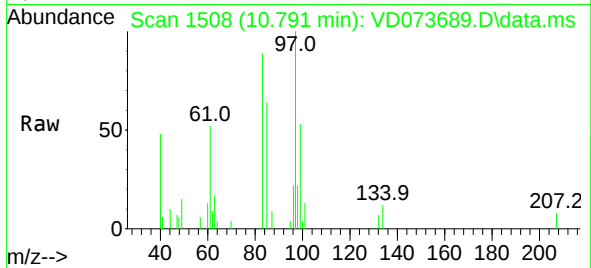
Tgt Ion: 75 Resp: 11436
Ion Ratio Lower Upper
75 100
77 28.9 26.2 39.2
39 38.5 38.0 57.0





#55
1,1,2-Trichloroethane
Concen: 2.647 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

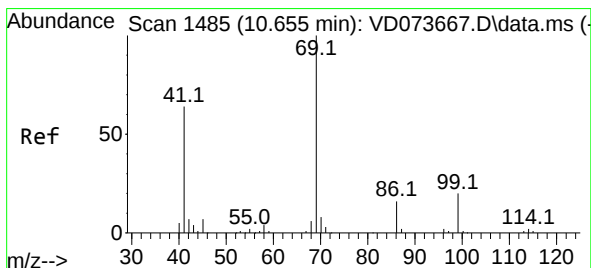
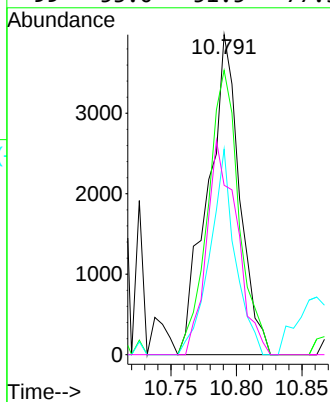
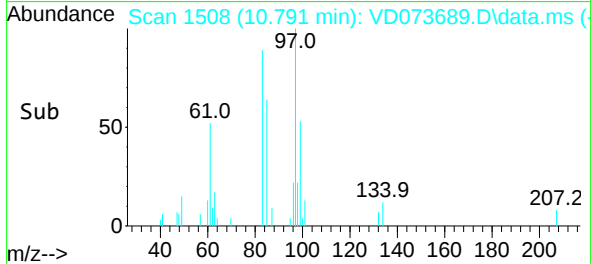
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022



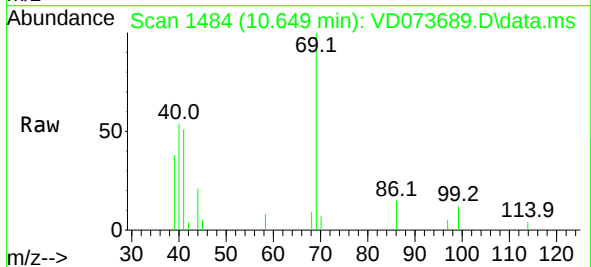
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.8	67.1	100.7
85	64.2	44.0	66.0
99	53.0	51.5	77.3

Manual Integrations
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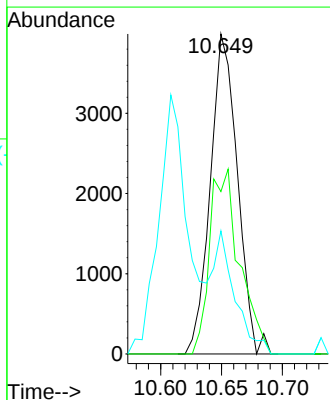
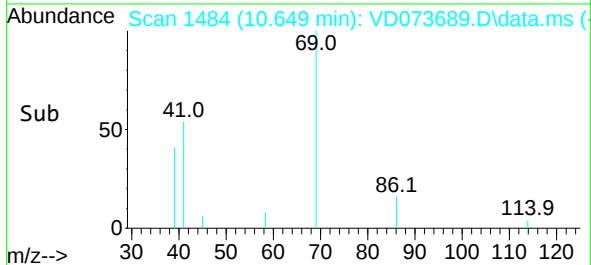
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

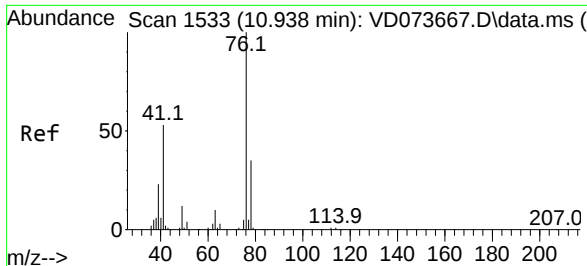


#56
Ethyl methacrylate
Concen: 2.173 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57



Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.4	51.6	77.4
39	30.7	29.2	43.8





#57

1,3-Dichloropropane

Concen: 2.444 ug/l

RT: 10.932 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VD073689.D

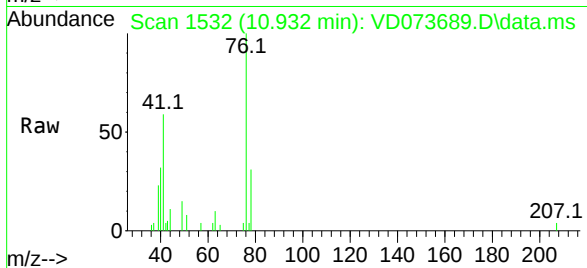
Acq: 24 Jun 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2022



Tgt Ion: 76 Resp: 1018

Ion Ratio Lower Upper

76 100

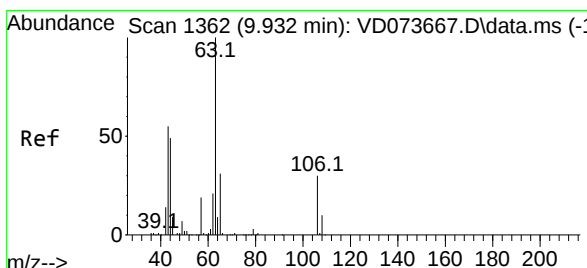
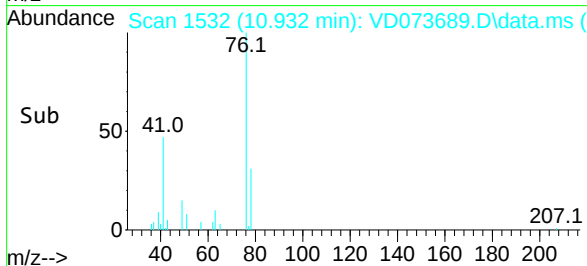
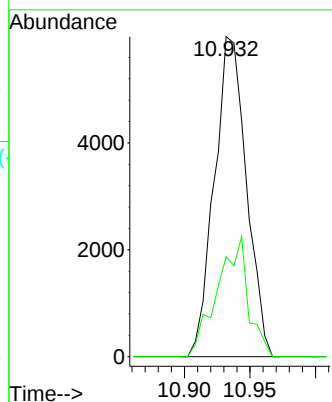
78 36.1 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022

Supervised By :Semsettin Yesilyurt 06/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 12.238 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073689.D

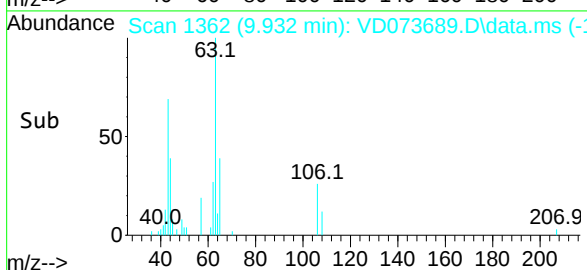
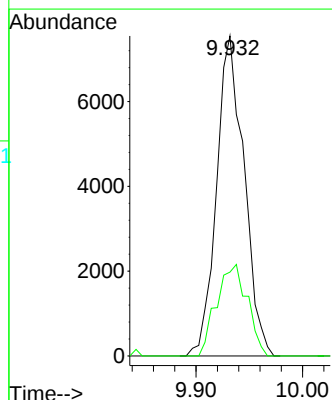
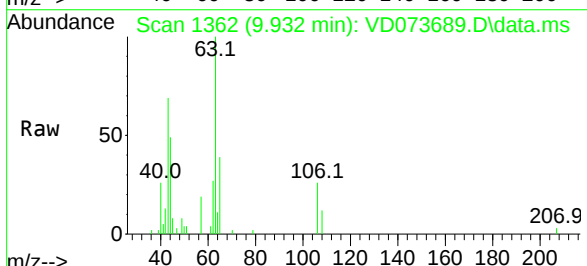
Acq: 24 Jun 2022 15:57

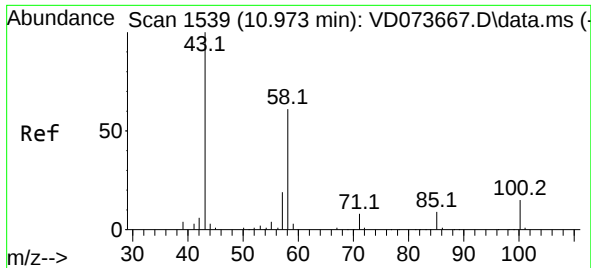
Tgt Ion: 63 Resp: 13530

Ion Ratio Lower Upper

63 100

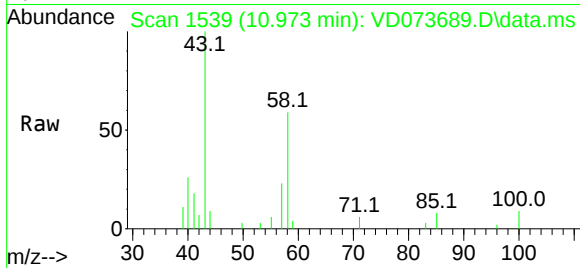
106 32.0 25.2 37.8





#59
2-Hexanone
Concen: 12.027 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

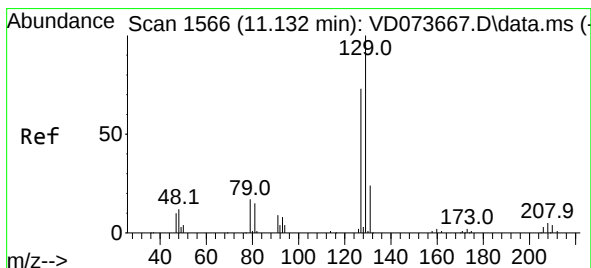
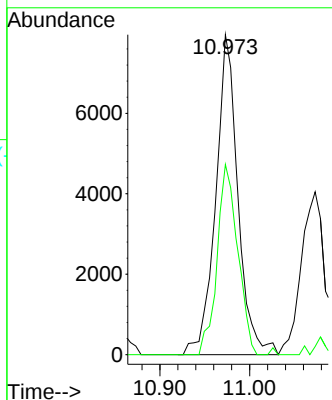
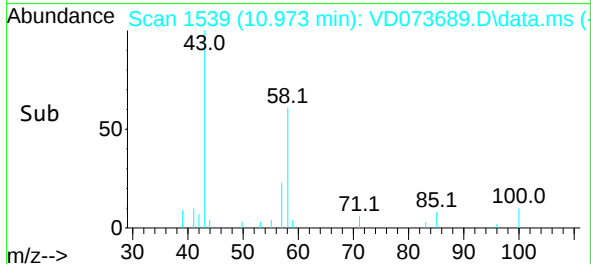
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022



Tgt Ion: 43 Resp: 1367
Ion Ratio Lower Upper
43 100
58 55.1 28.8 86.4

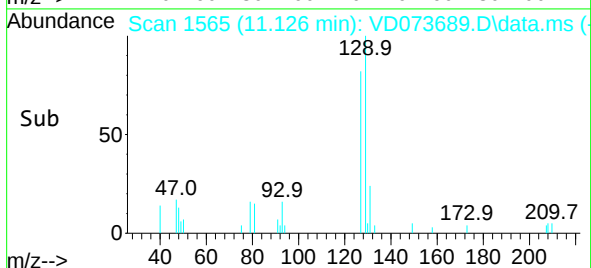
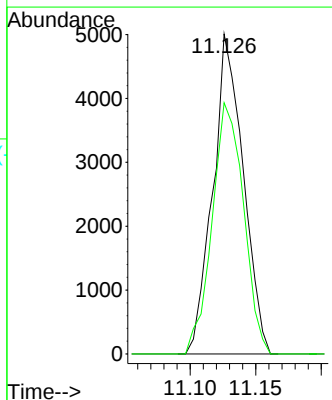
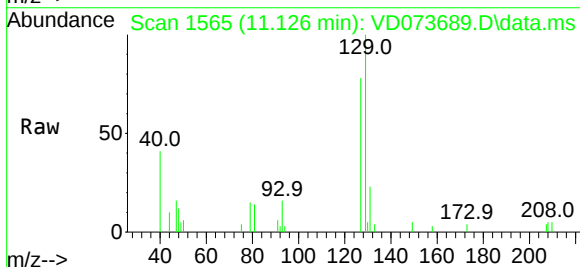
Manual Integrations
APPROVED

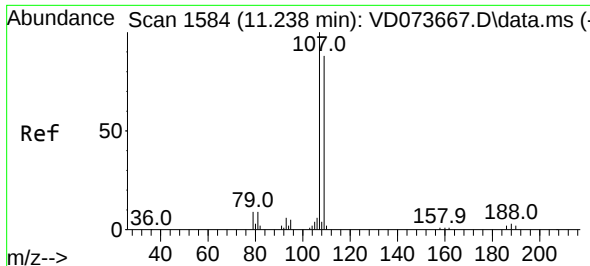
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#60
Dibromochloromethane
Concen: 2.421 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

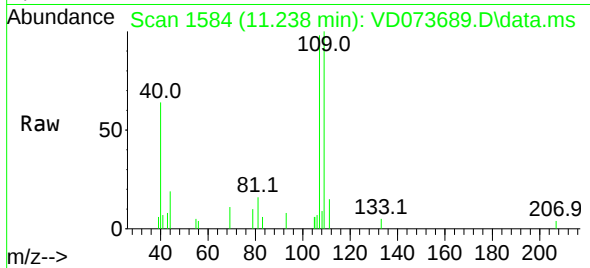
Tgt Ion:129 Resp: 8065
Ion Ratio Lower Upper
129 100
127 81.1 36.8 110.4





#61
1,2-Dibromoethane
Concen: 2.678 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

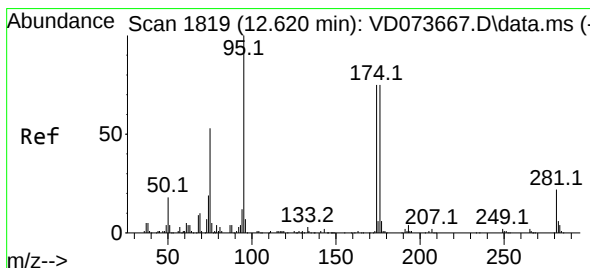
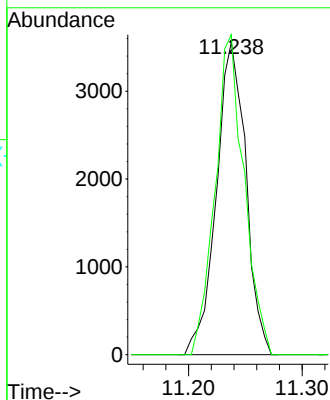
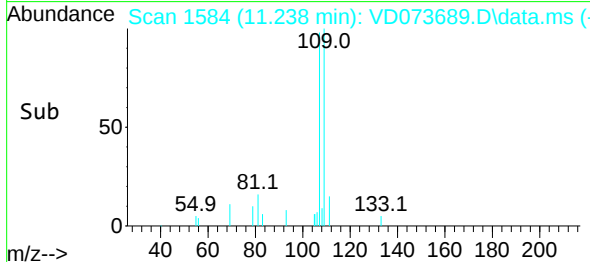
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



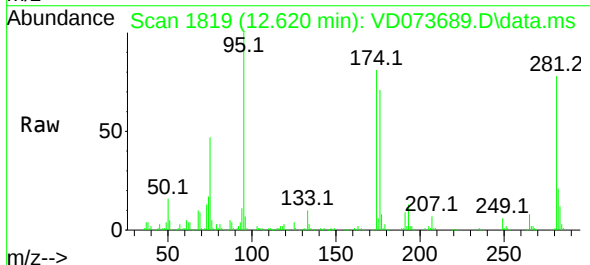
Tgt Ion:107 Resp: 6408
Ion Ratio Lower Upper
107 100
109 100.7 73.8 110.8

Manual Integrations
APPROVED

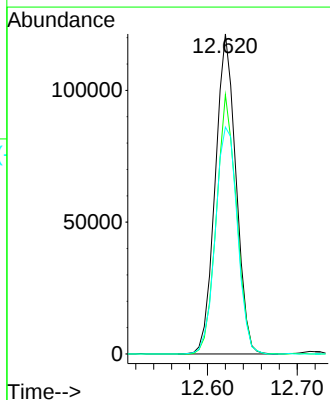
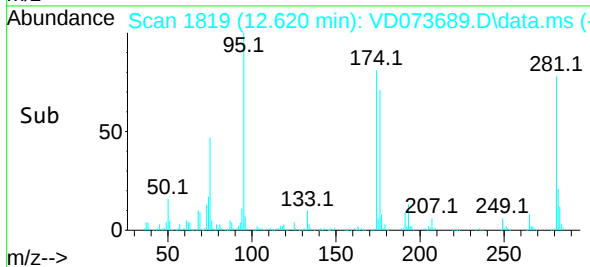
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

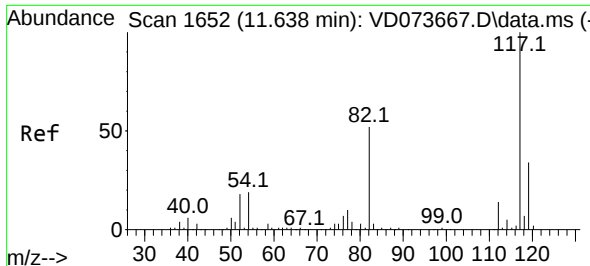


#62
4-Bromofluorobenzene
Concen: 47.636 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57



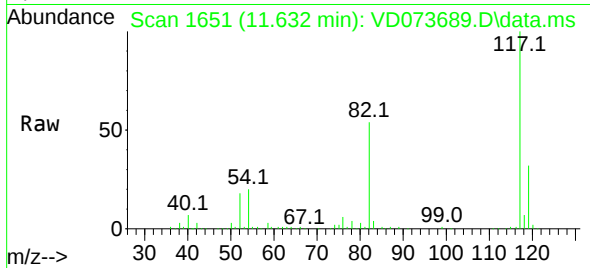
Tgt Ion: 95 Resp: 194493
Ion Ratio Lower Upper
95 100
174 78.4 0.0 158.4
176 75.4 0.0 154.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11651
Delta R.T. -0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

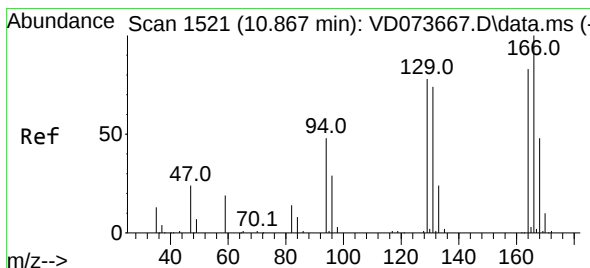
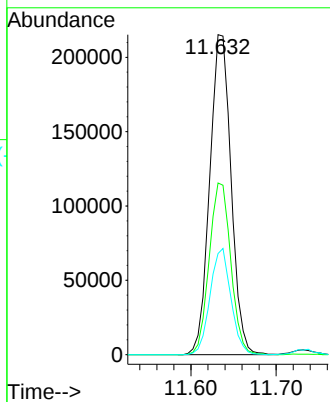
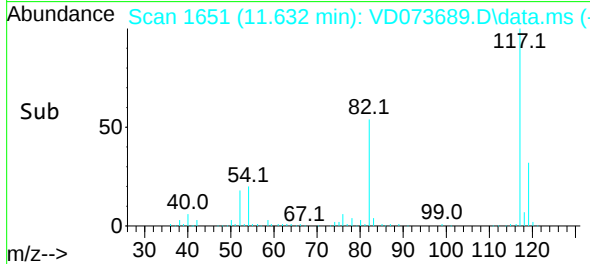
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion:117 Resp: 375238
Ion Ratio Lower Upper
117 100
82 53.6 41.5 62.3
119 31.6 27.1 40.7

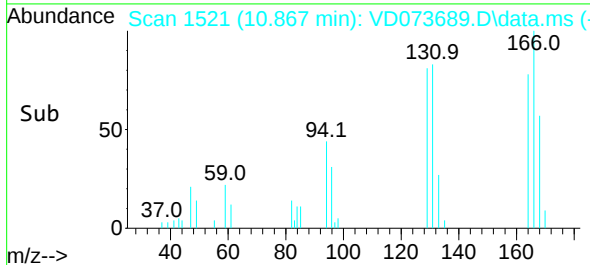
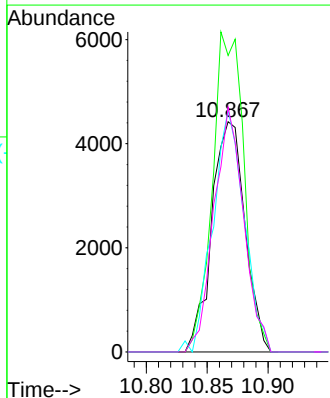
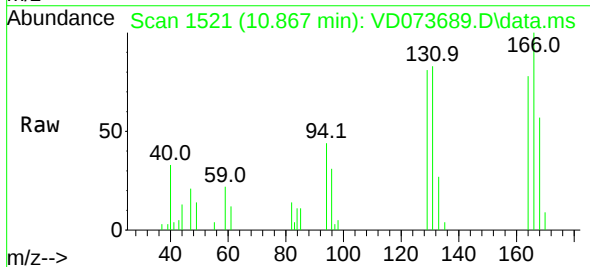
Manual Integrations
APPROVED

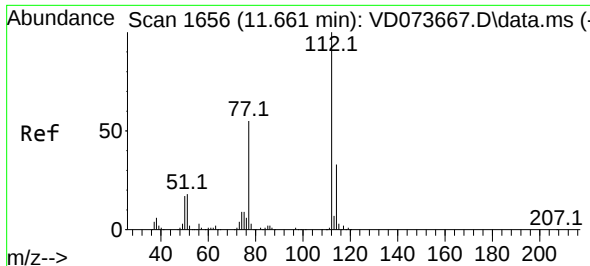
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#64
Tetrachloroethene
Concen: 2.826 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

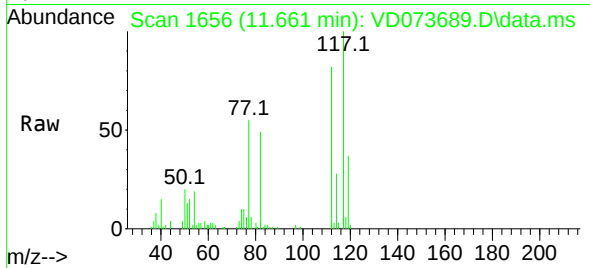
Tgt Ion:164 Resp: 8395
Ion Ratio Lower Upper
164 100
166 128.8 97.0 145.4
129 104.9 75.2 112.8
131 106.3 72.1 108.1





#65
Chlorobenzene
Concen: 2.557 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

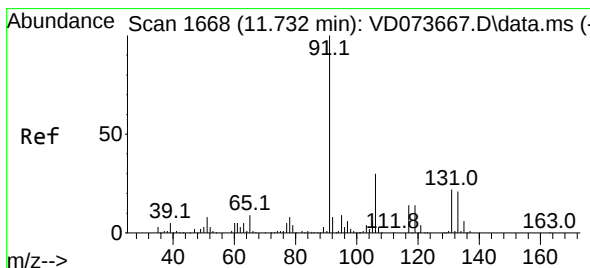
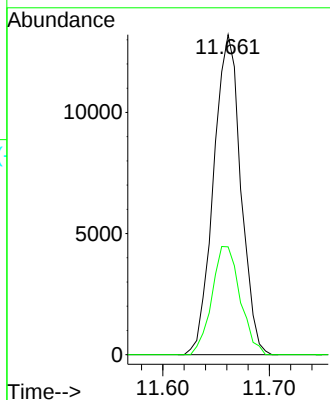
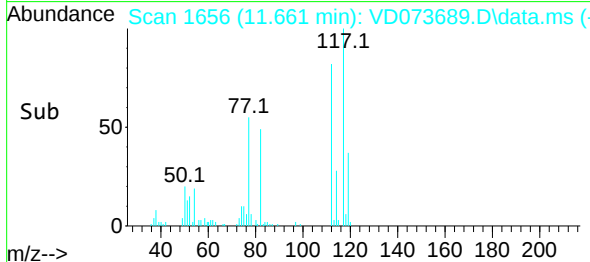
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022



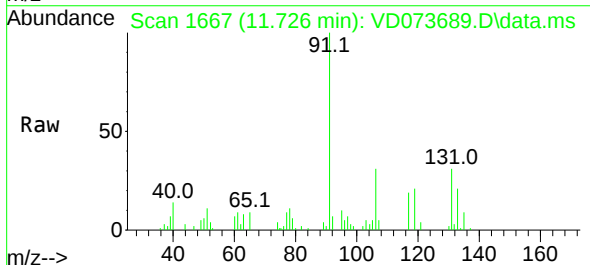
Tgt Ion:112 Resp: 2348
Ion Ratio Lower Upper
112 100
114 33.7 26.6 39.8

Manual Integrations
APPROVED

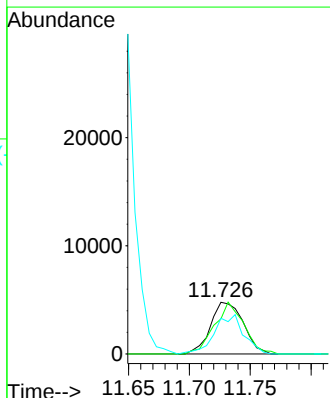
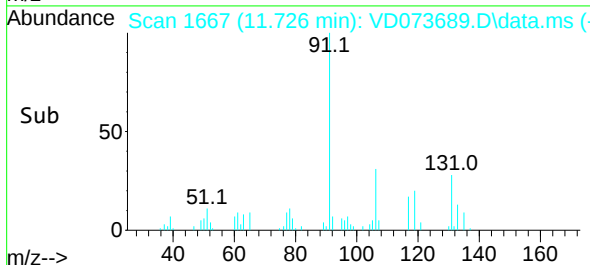
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

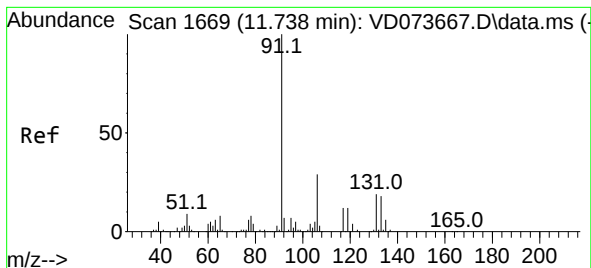


#66
1,1,1,2-Tetrachloroethane
Concen: 2.425 ug/l
RT: 11.726 min Scan# 1667
Delta R.T. -0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57



Tgt Ion:131 Resp: 8950
Ion Ratio Lower Upper
131 100
133 90.3 47.1 141.4
119 68.0 31.4 94.3





#67

Ethyl Benzene

Concen: 2.337 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD073689.D

Acq: 24 Jun 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2022

Tgt Ion: 91 Resp: 3745

Ion Ratio Lower Upper

91 100

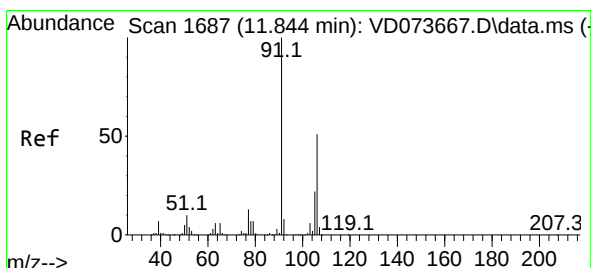
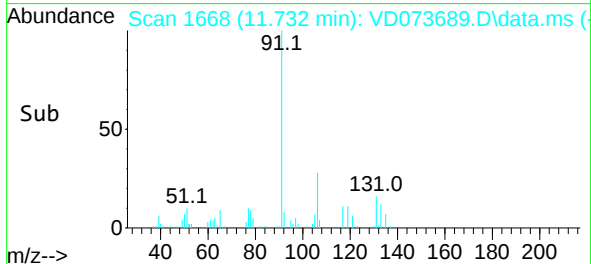
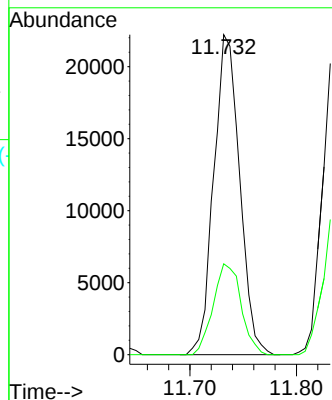
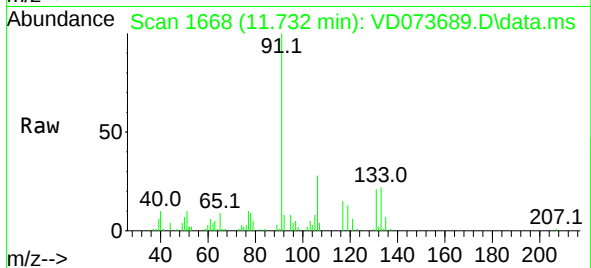
106 28.4 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022

Supervised By :Semsettin Yesilyurt 06/28/2022



#68

m/p-Xylenes

Concen: 4.573 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VD073689.D

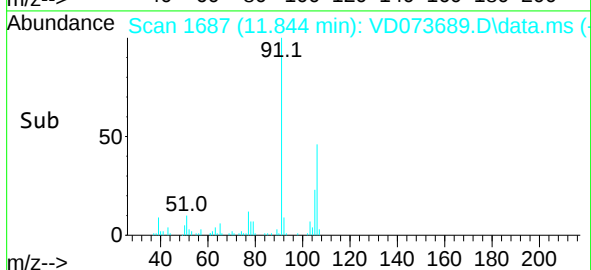
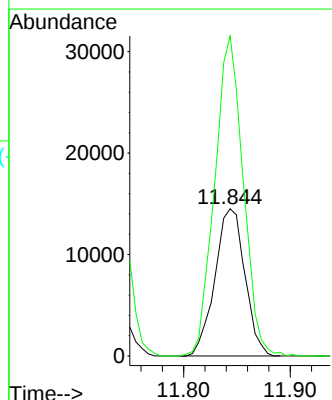
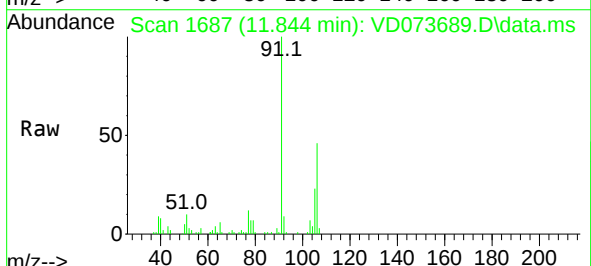
Acq: 24 Jun 2022 15:57

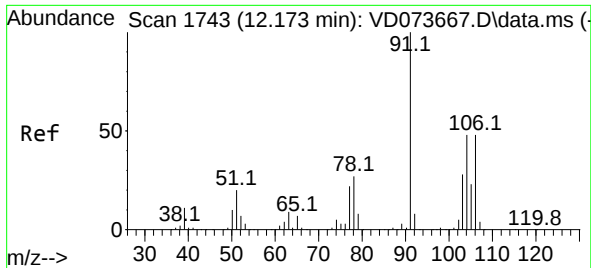
Tgt Ion:106 Resp: 28321

Ion Ratio Lower Upper

106 100

91 206.9 161.4 242.2





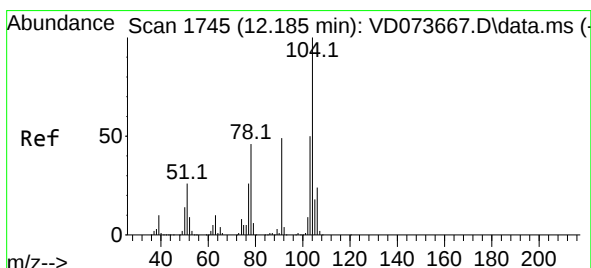
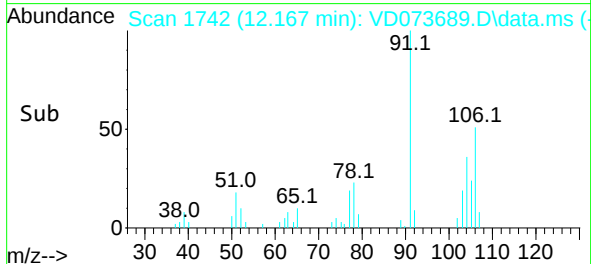
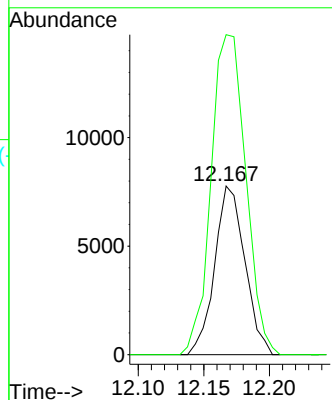
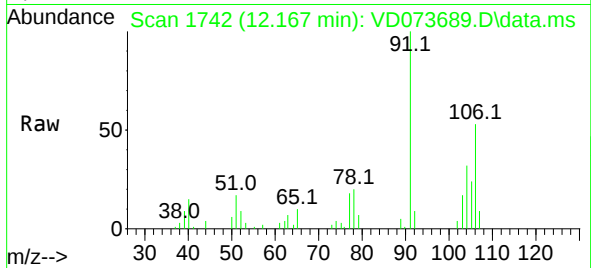
#69
o-Xylene
Concen: 2.166 ug/l
RT: 12.167 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

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

Tgt Ion:106 Resp: 1244
Ion Ratio Lower Upper
106 100
91 218.0 107.6 322.8

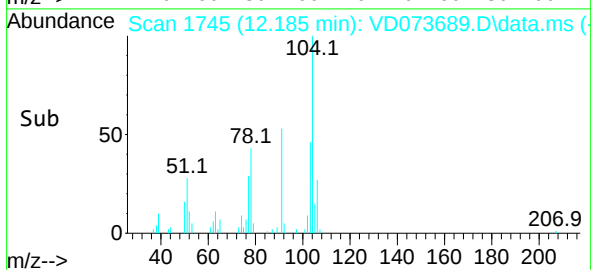
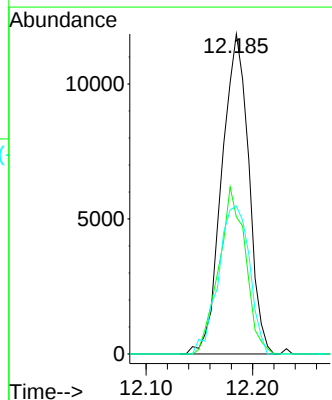
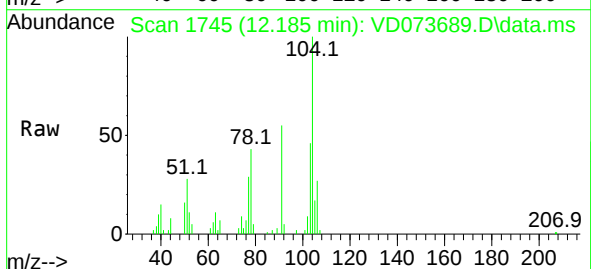
Manual Integrations
APPROVED

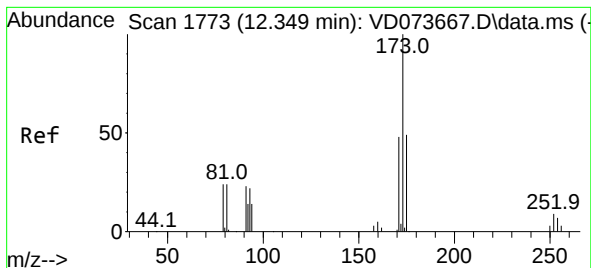
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#70
Styrene
Concen: 2.065 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

Tgt Ion:104 Resp: 20759
Ion Ratio Lower Upper
104 100
78 51.6 39.8 59.8
103 53.6 43.3 64.9





#71

Bromoform

Concen: 2.534 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VD073689.D

Acq: 24 Jun 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

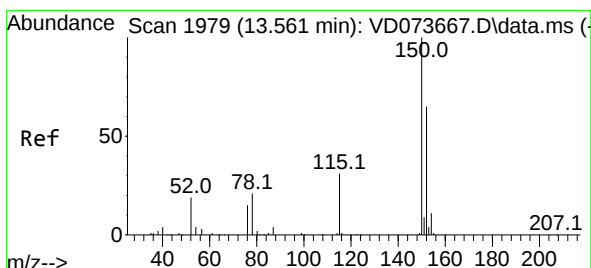
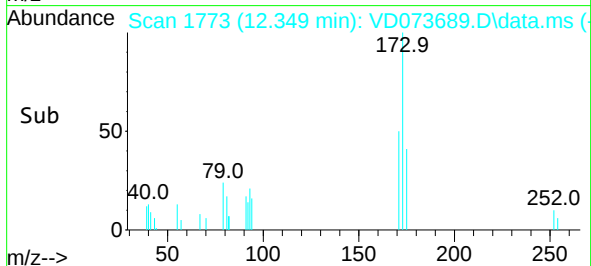
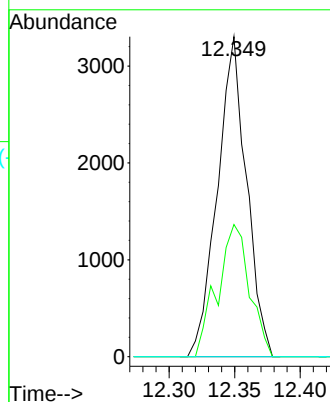
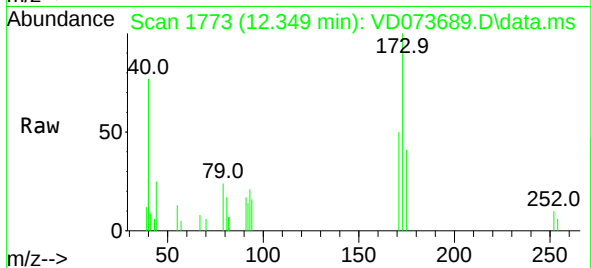
MDL-SOIL-03-QT2-2022

Tgt Ion:173	Resp:	5090
Ion Ratio	Lower	Upper
173	100	
175	45.8	24.0 72.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

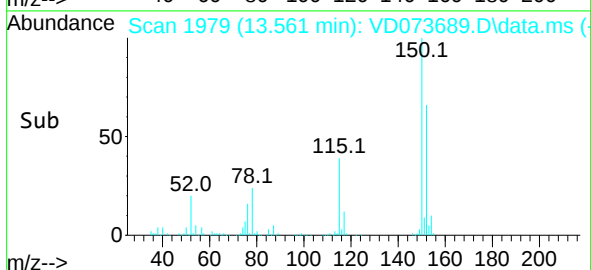
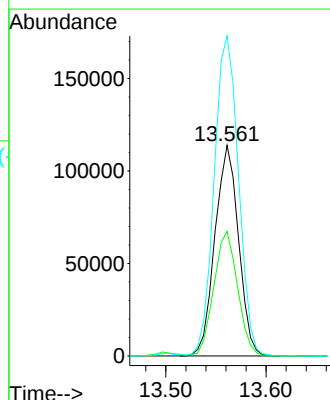
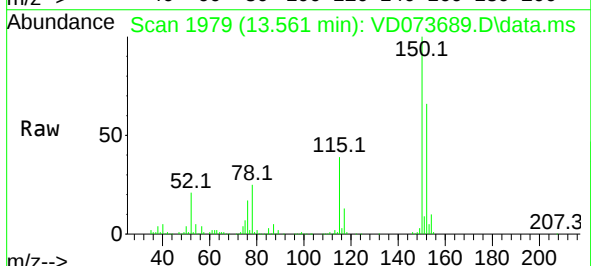
RT: 13.561 min Scan# 1979

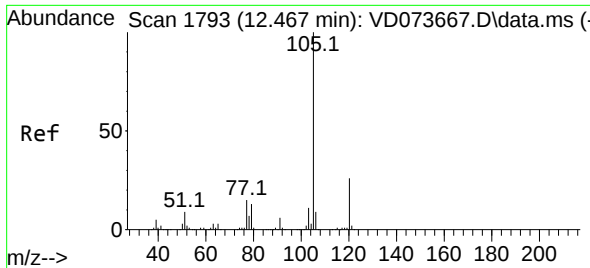
Delta R.T. -0.000 min

Lab File: VD073689.D

Acq: 24 Jun 2022 15:57

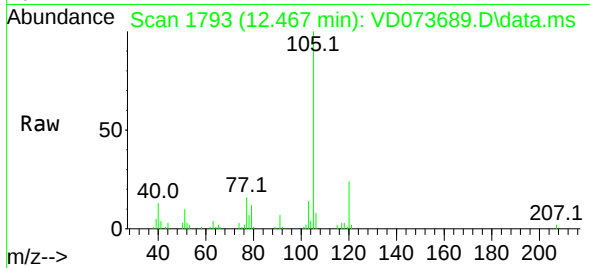
Tgt Ion:152	Resp:	185872
Ion Ratio	Lower	Upper
152	100	
115	59.7	30.6 91.6
150	156.5	0.0 355.0





#73
Isopropylbenzene
Concen: 2.140 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

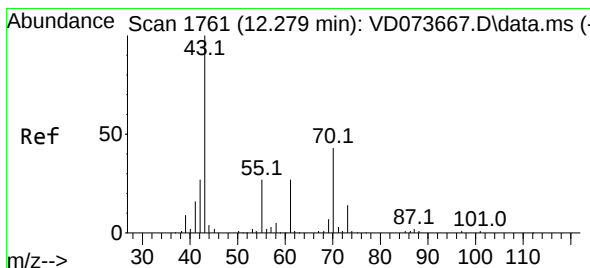
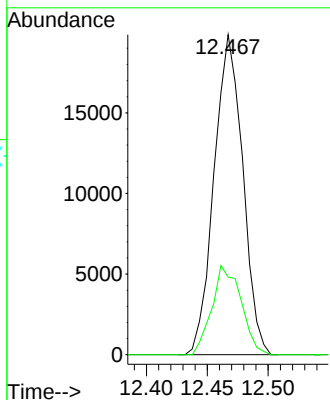
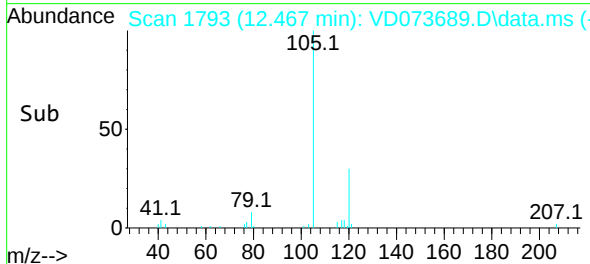
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion: 105 Resp: 3248
Ion Ratio Lower Upper
105 100
120 28.3 13.2 39.6

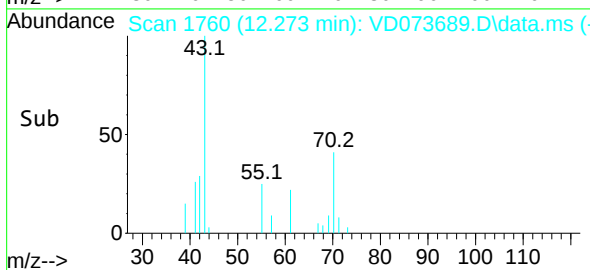
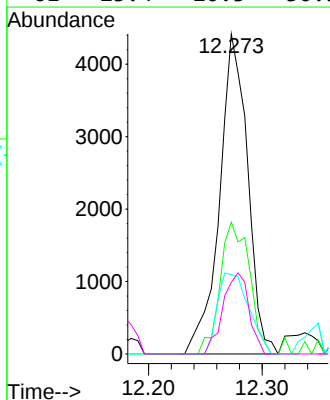
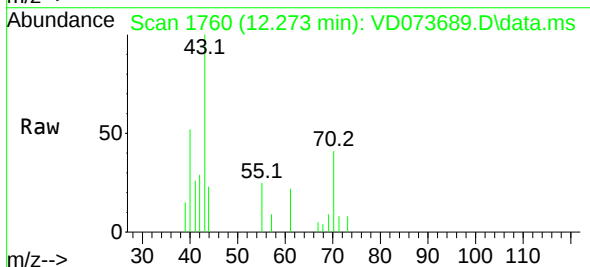
Manual Integrations
APPROVED

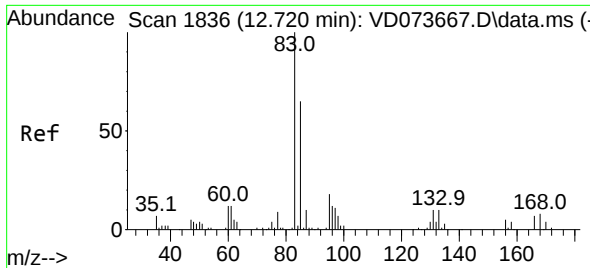
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#74
N-ethyl acetate
Concen: 2.439 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

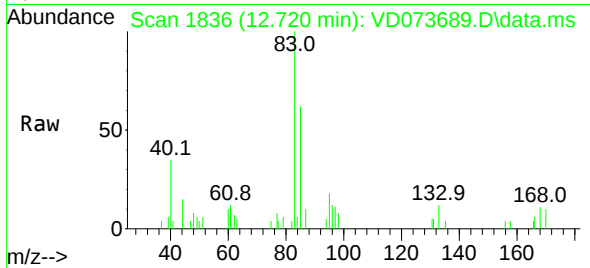
Tgt Ion: 43 Resp: 7576
Ion Ratio Lower Upper
43 100
70 42.9 35.0 52.6
55 28.1 21.0 31.4
61 23.4 20.3 30.5





#75
1,1,2,2-Tetrachloroethane
Concen: 2.741 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

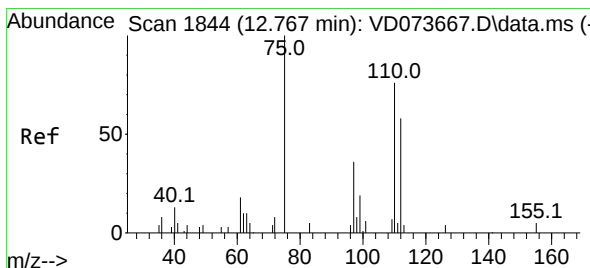
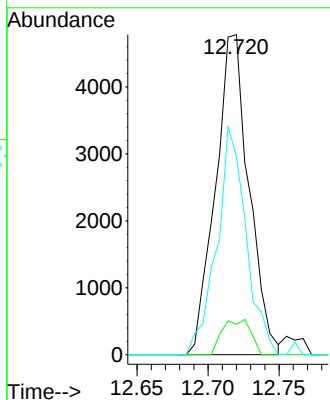
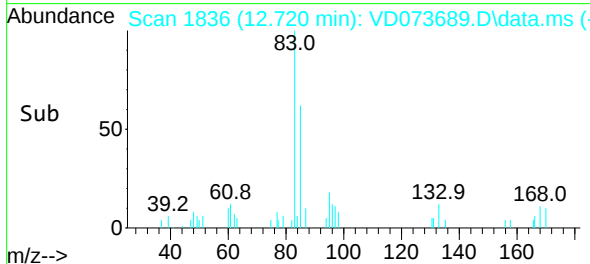
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022



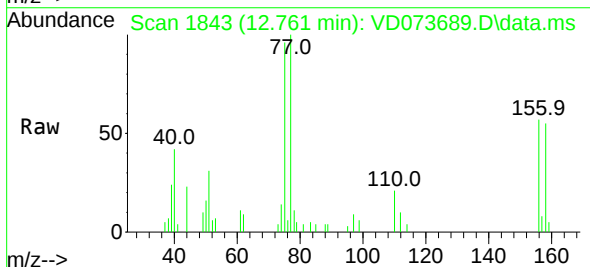
Tgt Ion: 83 Resp: 7849
Ion Ratio Lower Upper
83 100
131 9.3 5.5 16.7
85 62.3 32.3 96.9

Manual Integrations
APPROVED

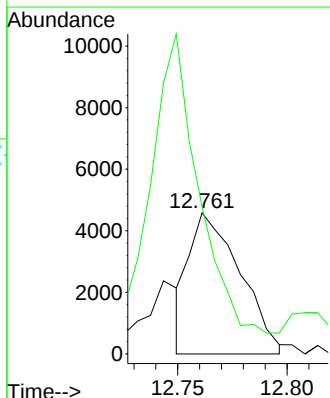
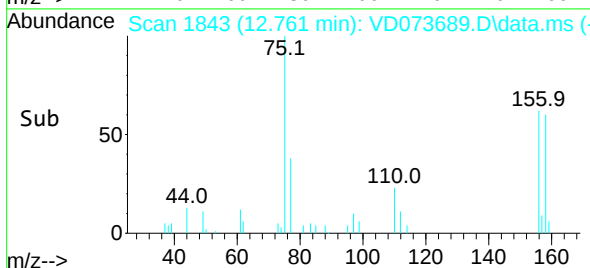
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

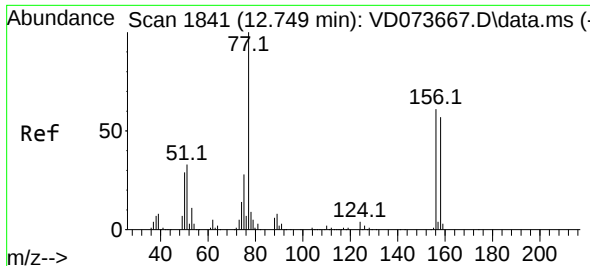


#76
1,2,3-Trichloropropane
Concen: 4.113 ug/l m
RT: 12.761 min Scan# 1843
Delta R.T. -0.006 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57



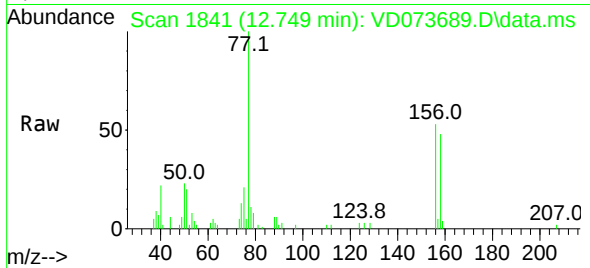
Tgt Ion: 75 Resp: 7439
Ion Ratio Lower Upper
75 100
77 233.3 195.3 586.0





#77
Bromobenzene
Concen: 2.649 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

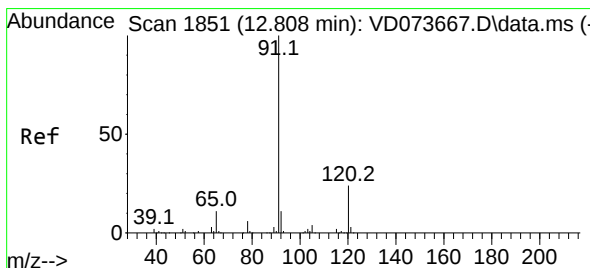
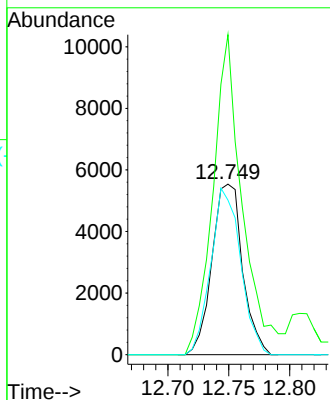
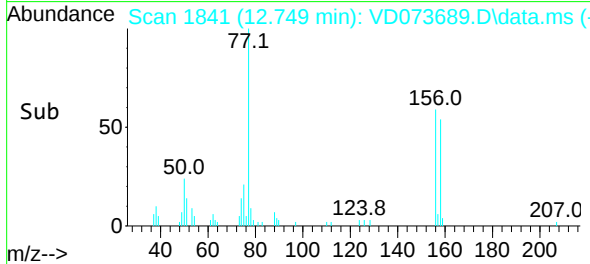
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion:156 Resp: 9670
Ion Ratio Lower Upper
156 100
77 179.5 90.9 272.7
158 95.3 48.4 145.2

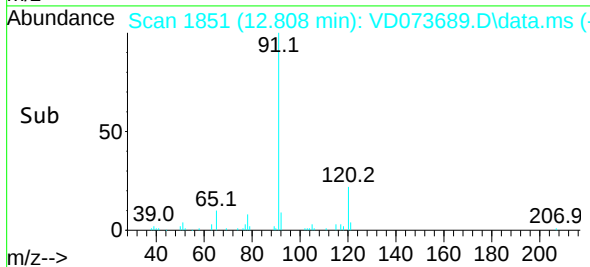
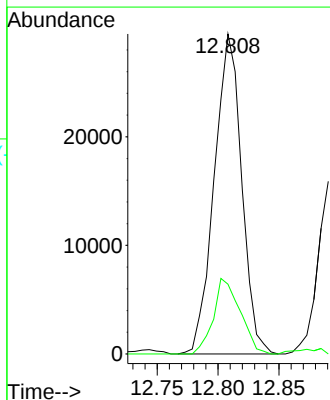
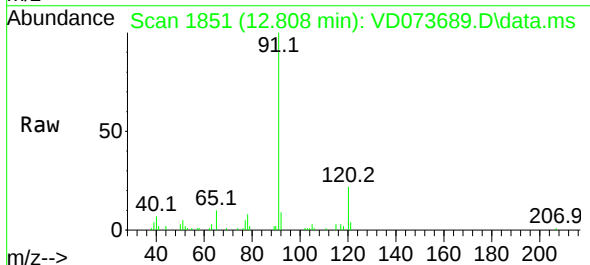
Manual Integrations
APPROVED

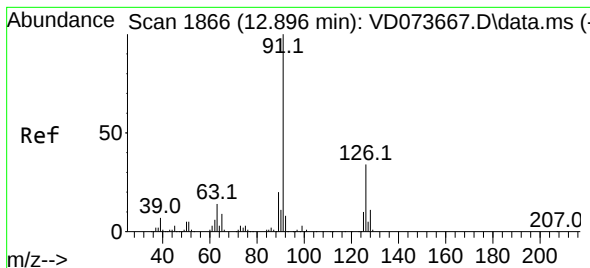
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#78
n-propylbenzene
Concen: 2.487 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

Tgt Ion: 91 Resp: 46140
Ion Ratio Lower Upper
91 100
120 23.0 11.8 35.3





#79

2-Chlorotoluene

Concen: 2.561 ug/l

RT: 12.891 min Scan# 1865

Delta R.T. -0.006 min

Lab File: VD073689.D

Acq: 24 Jun 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2022

Tgt Ion: 91 Resp: 2767

Ion Ratio Lower Upper

91 100

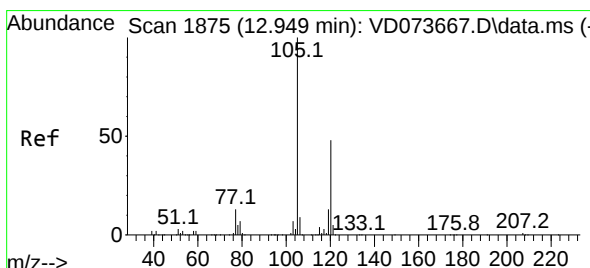
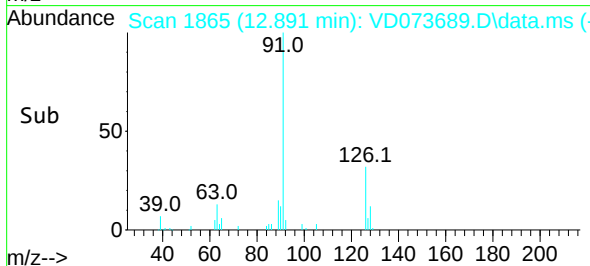
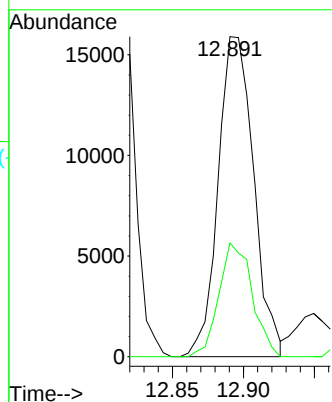
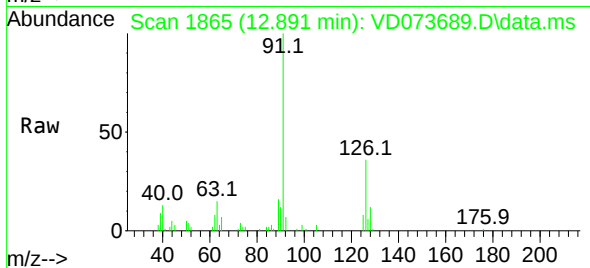
126 33.2 17.4 52.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022

Supervised By :Semsettin Yesilyurt 06/28/2022



#80

1,3,5-Trimethylbenzene

Concen: 2.445 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VD073689.D

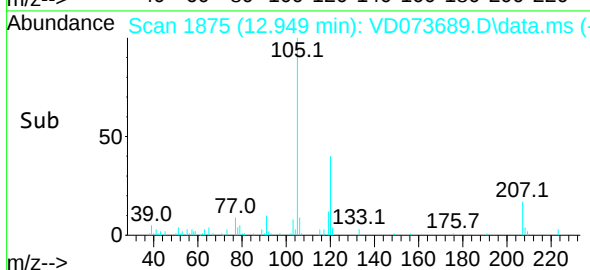
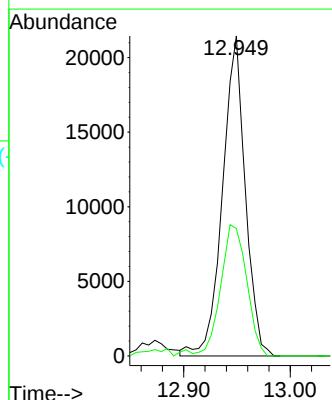
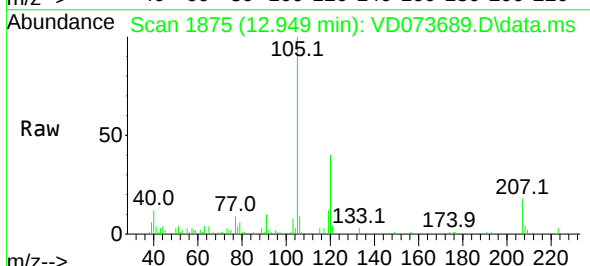
Acq: 24 Jun 2022 15:57

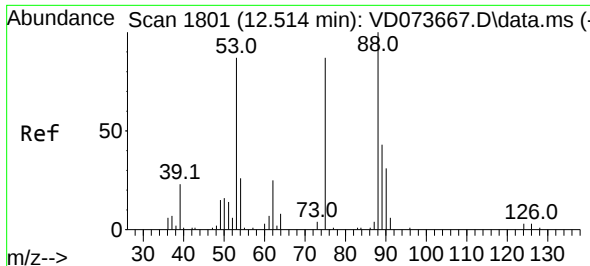
Tgt Ion:105 Resp: 31819

Ion Ratio Lower Upper

105 100

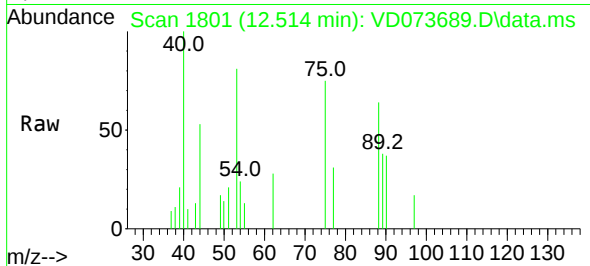
120 46.7 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 2.590 ug/l m
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

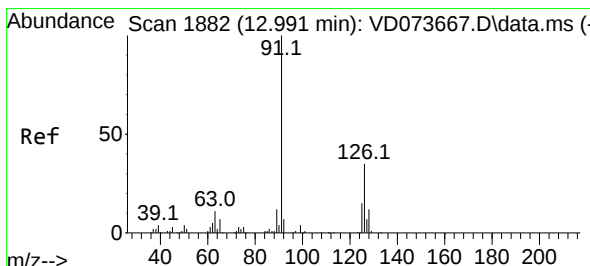
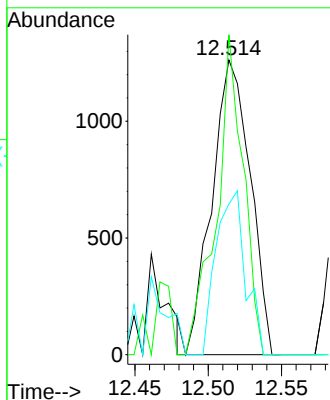
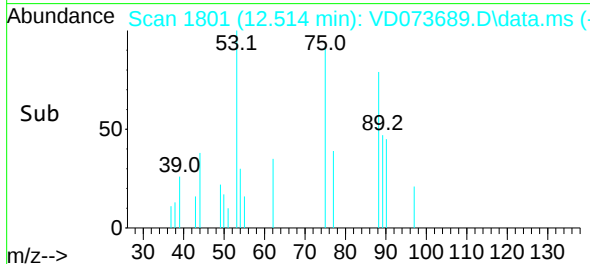
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022



Tgt Ion: 75 Resp: 2298
Ion Ratio Lower Upper
75 100
53 3.7 77.0 115.6
89 61.1 37.8 56.8

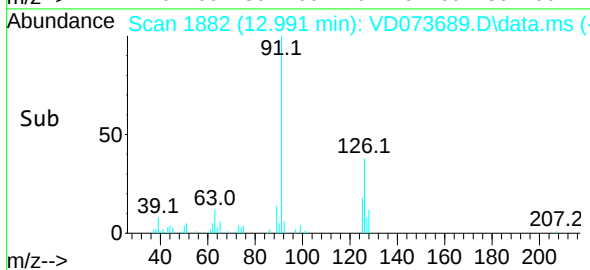
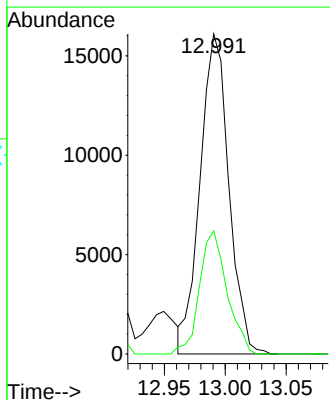
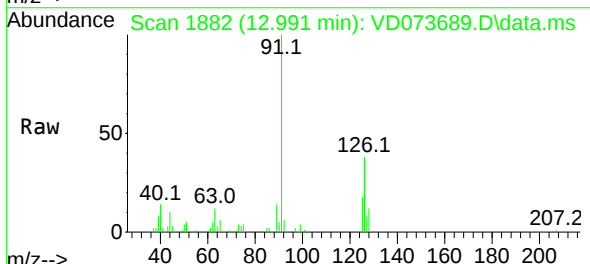
Manual Integrations
APPROVED

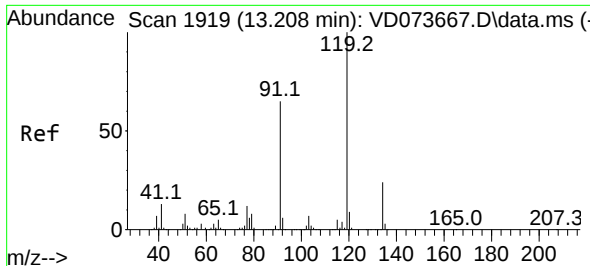
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#82
4-Chlorotoluene
Concen: 2.300 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

Tgt Ion: 91 Resp: 26417
Ion Ratio Lower Upper
91 100
126 36.9 16.8 50.4





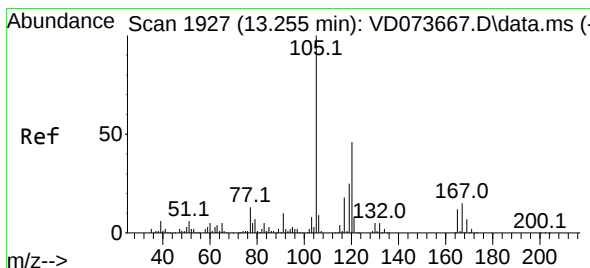
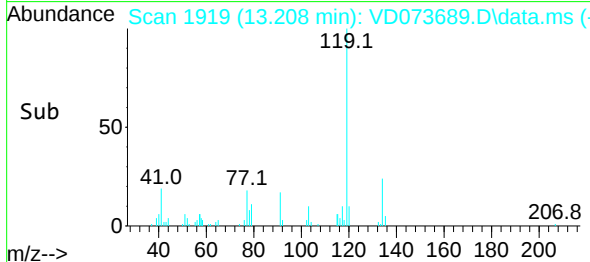
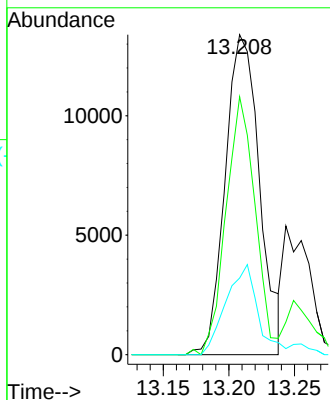
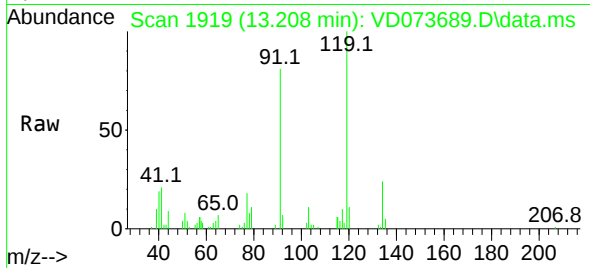
#83
tert-Butylbenzene
Concen: 2.136 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

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

Tgt Ion	Ratio	Lower	Upper
119	100		
91	68.9	32.1	96.5
134	26.0	12.4	37.4

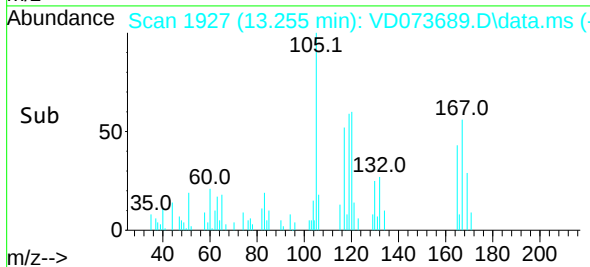
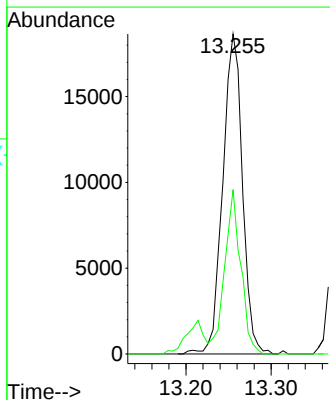
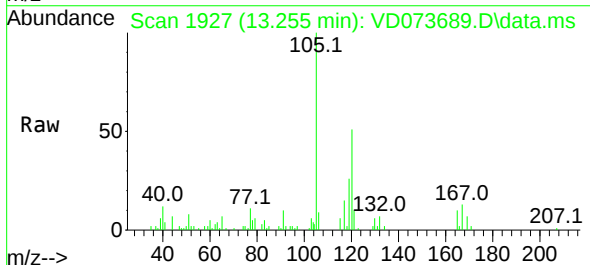
Manual Integrations
APPROVED

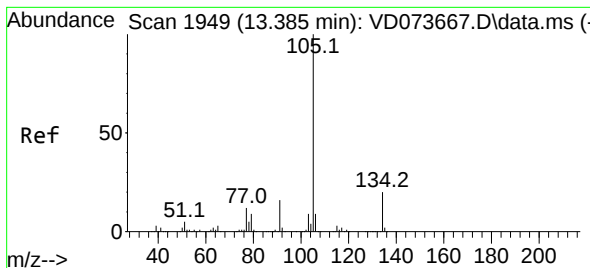
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#84
1,2,4-Trimethylbenzene
Concen: 2.345 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.1	22.6	67.8





#85

sec-Butylbenzene

Concen: 2.270 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VD073689.D

Acq: 24 Jun 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

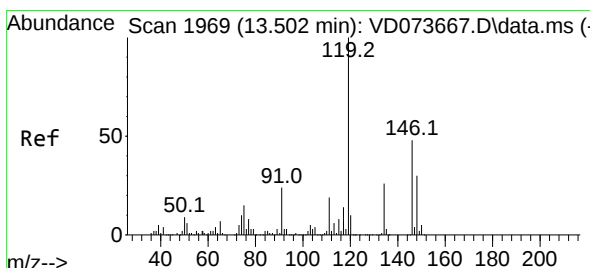
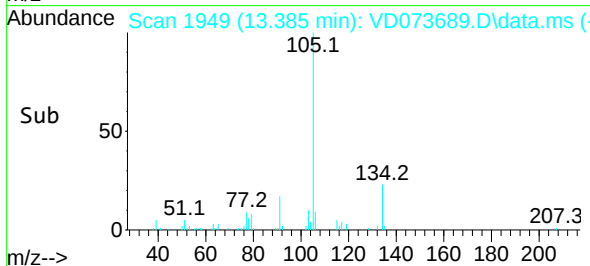
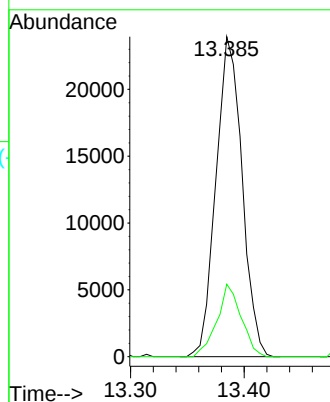
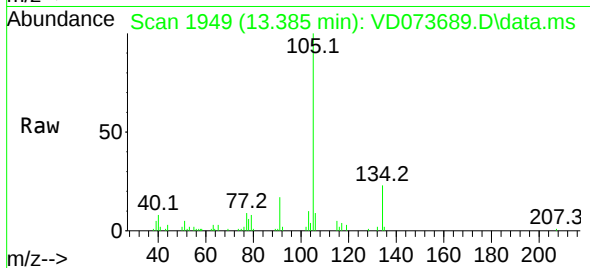
MDL-SOIL-03-QT2-2022

Tgt Ion:105 Resp: 38180
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022
 Supervised By :Semsettin Yesilyurt 06/28/2022



#86

p-Isopropyltoluene

Concen: 2.064 ug/l

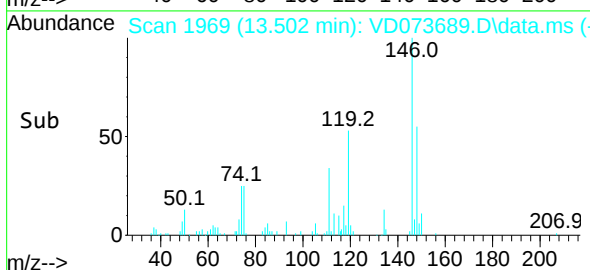
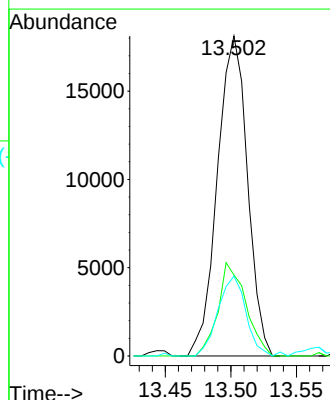
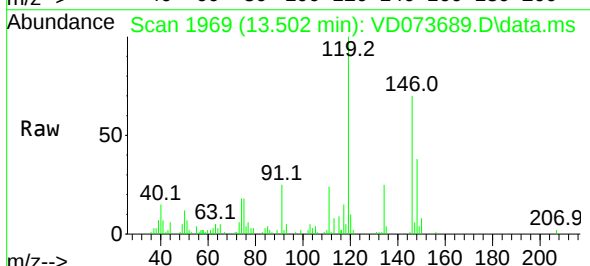
RT: 13.502 min Scan# 1969

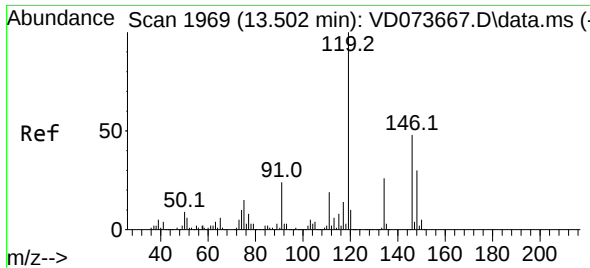
Delta R.T. -0.000 min

Lab File: VD073689.D

Acq: 24 Jun 2022 15:57

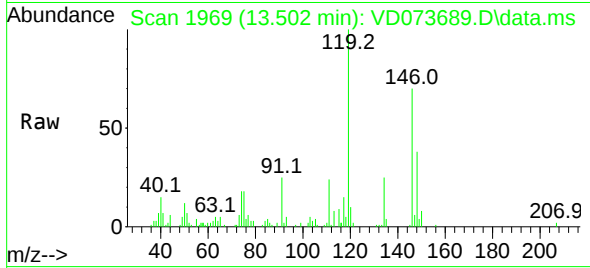
Tgt Ion:119 Resp: 28905
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.0 39.0
 91 23.0 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 2.680 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

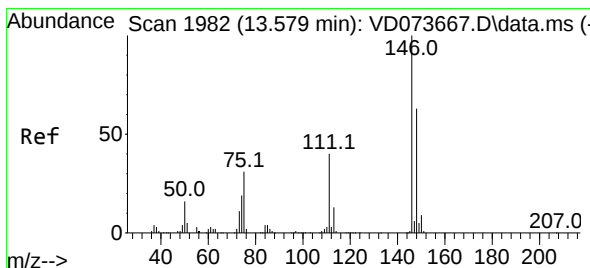
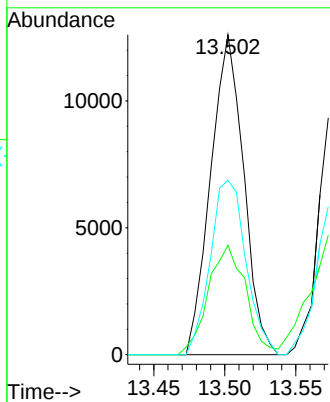
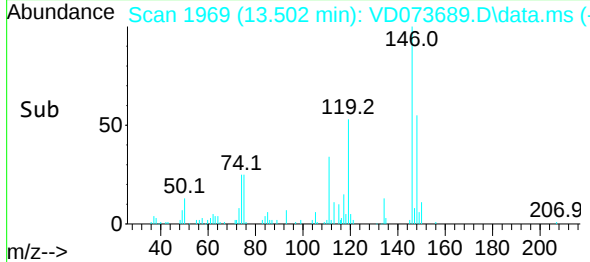
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion:146 Resp: 2036
Ion Ratio Lower Upper
146 100
111 38.9 20.3 60.9
148 59.2 31.6 95.0

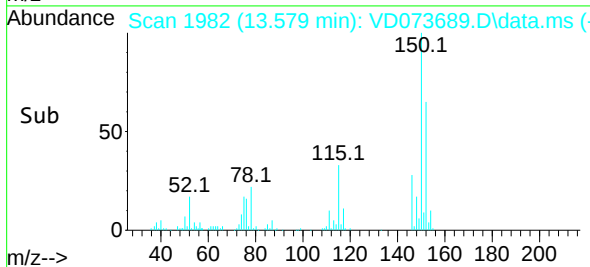
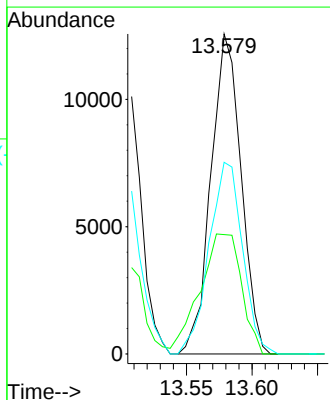
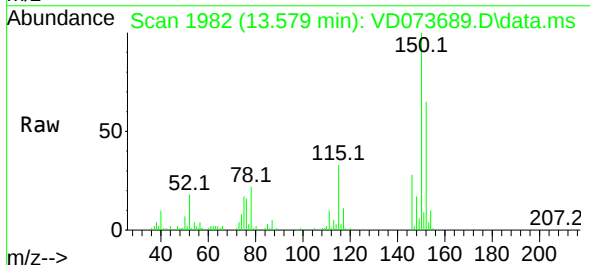
Manual Integrations
APPROVED

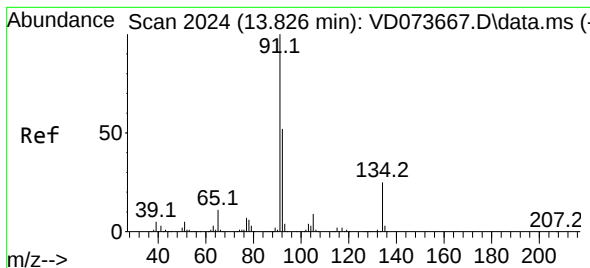
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#88
1,4-Dichlorobenzene
Concen: 2.671 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

Tgt Ion:146 Resp: 20091
Ion Ratio Lower Upper
146 100
111 51.5 19.6 58.8
148 66.5 31.8 95.3





#89

n-Butylbenzene

Concen: 2.192 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD073689.D

Acq: 24 Jun 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

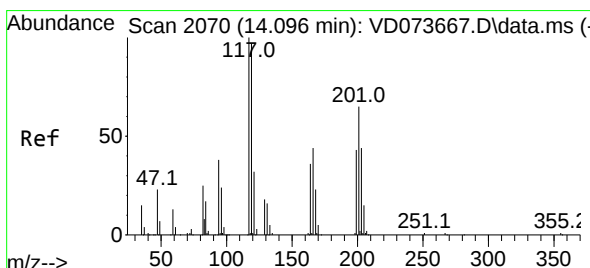
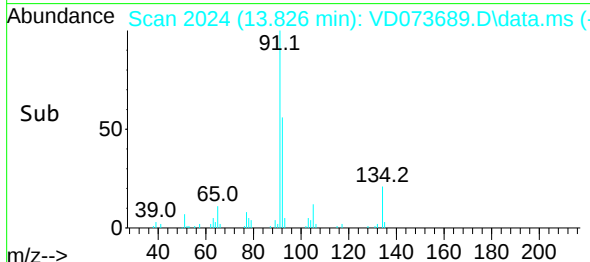
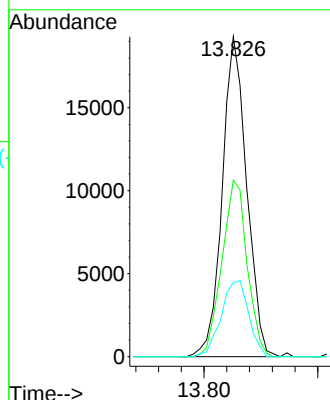
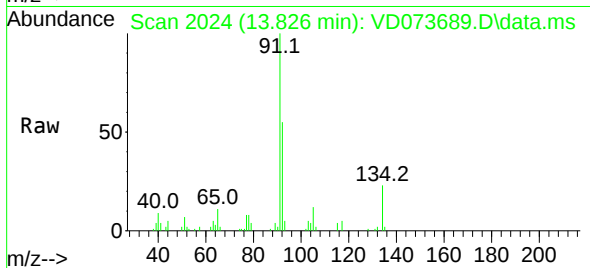
MDL-SOIL-03-QT2-2022

Tgt Ion: 91	Resp: 28740
Ion Ratio	Lower Upper
91 100	
92 57.0	26.4 79.2
134 26.7	12.7 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#90

Hexachloroethane

Concen: 2.569 ug/l

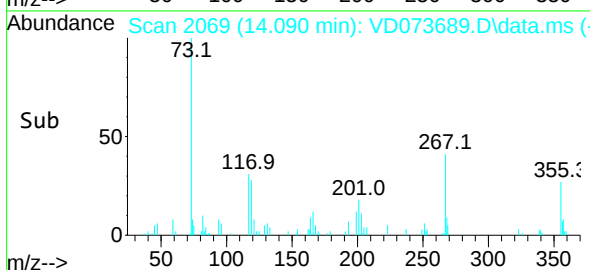
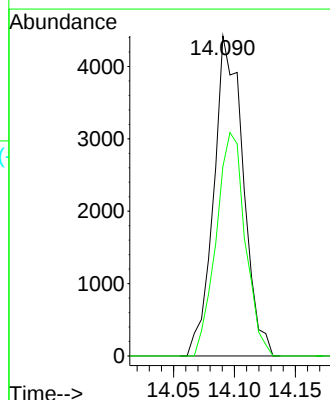
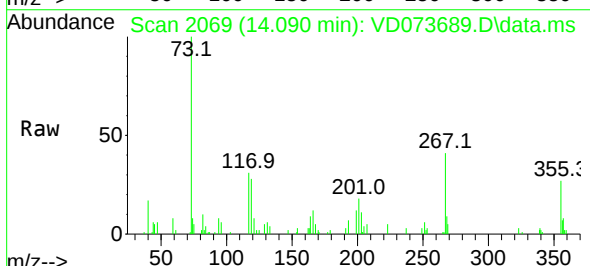
RT: 14.090 min Scan# 2069

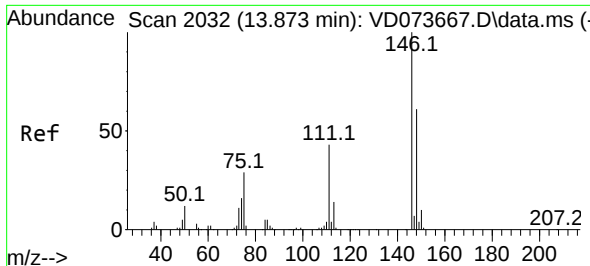
Delta R.T. -0.006 min

Lab File: VD073689.D

Acq: 24 Jun 2022 15:57

Tgt Ion:117	Resp: 7417
Ion Ratio	Lower Upper
117 100	
201 69.1	33.8 101.4





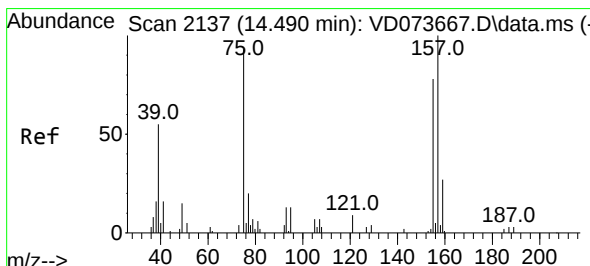
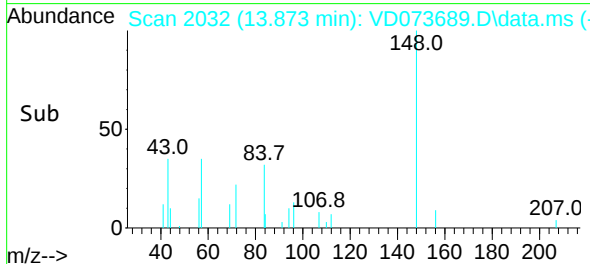
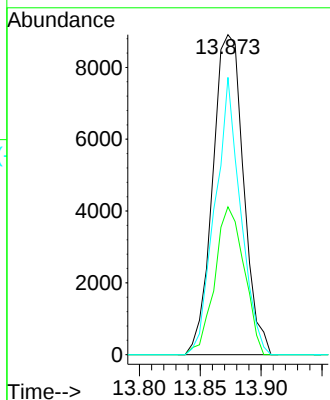
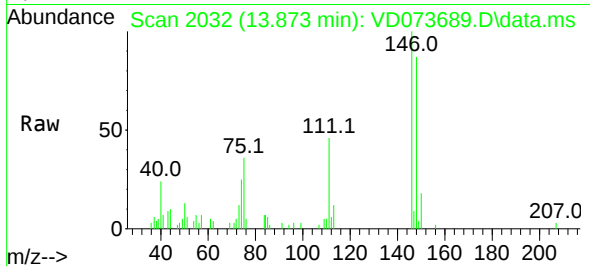
#91
1,2-Dichlorobenzene
Concen: 2.399 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

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

Tgt Ion:146 Resp: 15690
Ion Ratio Lower Upper
146 100
111 44.1 21.1 63.3
148 71.9 31.6 94.7

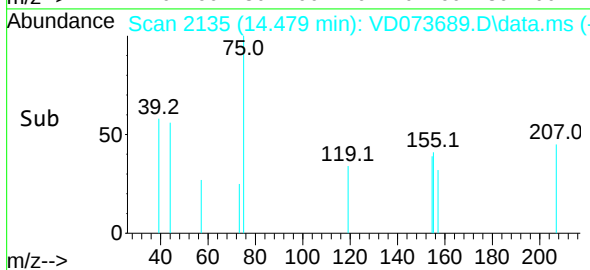
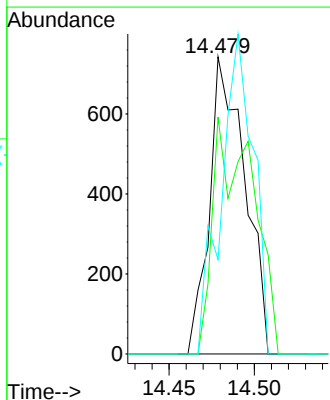
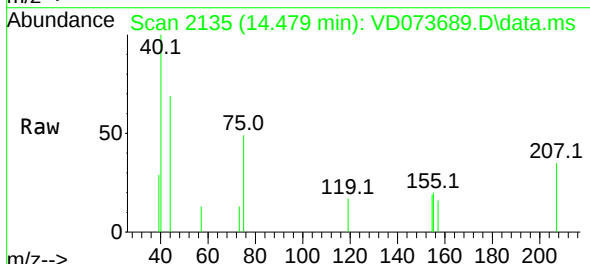
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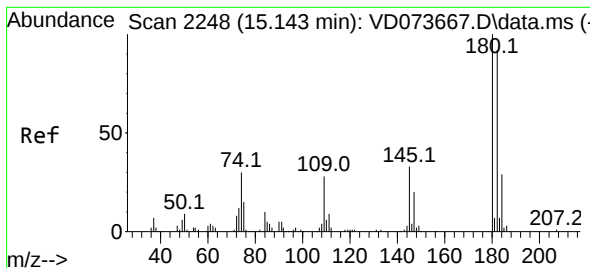
Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.245 ug/l
RT: 14.479 min Scan# 2135
Delta R.T. -0.012 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

Tgt Ion: 75 Resp: 1073
Ion Ratio Lower Upper
75 100
155 90.5 41.2 123.6
157 98.0 55.5 166.5





#93

1,2,4-Trichlorobenzene

Concen: 2.440 ug/l

RT: 15.137 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD073689.D

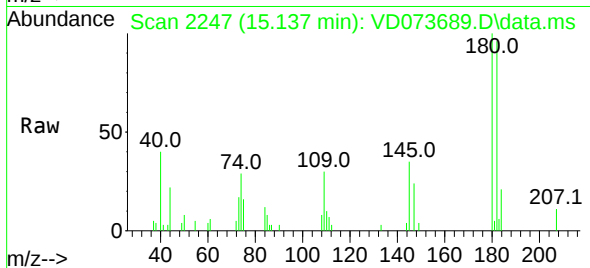
Acq: 24 Jun 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2022



Tgt Ion:180 Resp: 9529

Ion Ratio Lower Upper

180 100

182 97.8 48.0 144.0

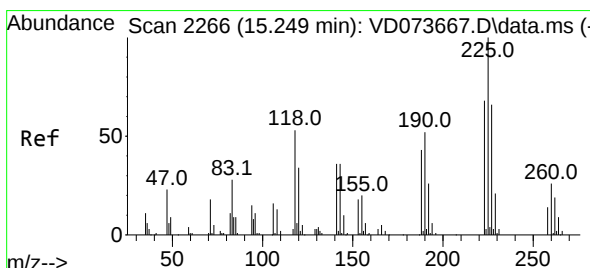
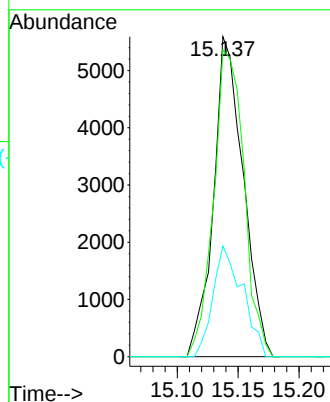
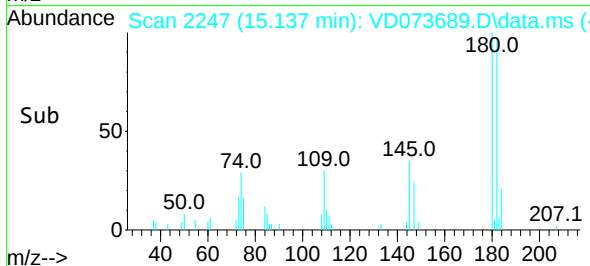
145 34.2 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022

Supervised By :Semsettin Yesilyurt 06/28/2022



#94

Hexachlorobutadiene

Concen: 2.642 ug/l

RT: 15.243 min Scan# 2265

Delta R.T. -0.006 min

Lab File: VD073689.D

Acq: 24 Jun 2022 15:57

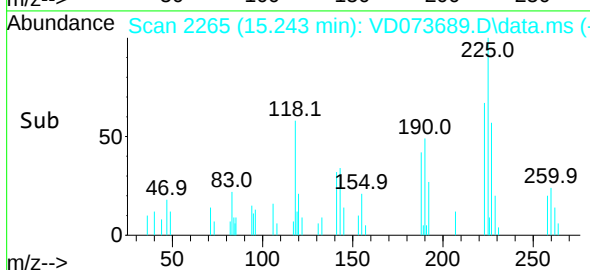
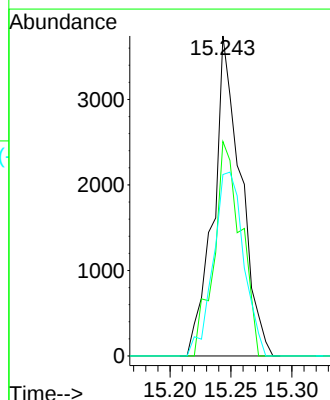
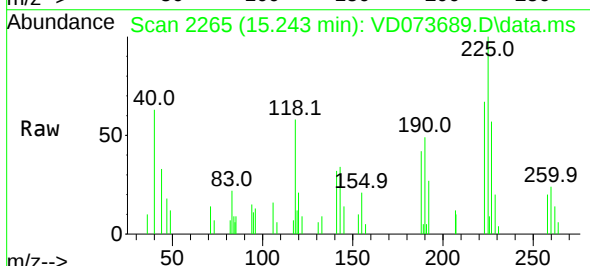
Tgt Ion:225 Resp: 5850

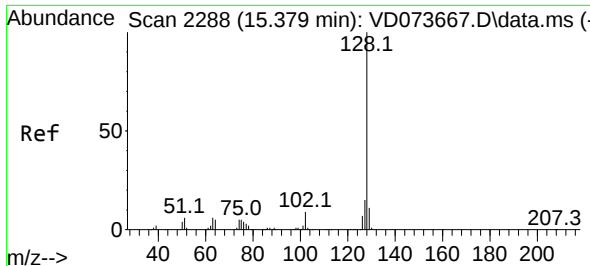
Ion Ratio Lower Upper

225 100

223 65.9 32.6 97.8

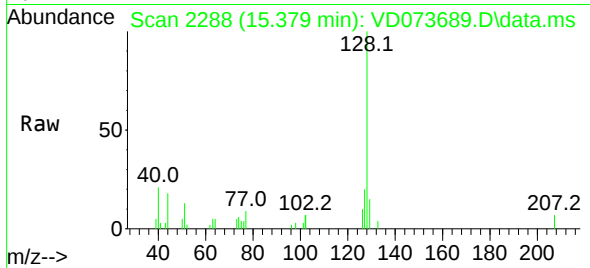
227 63.7 32.6 97.8





#95
Naphthalene
Concen: 2.339 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

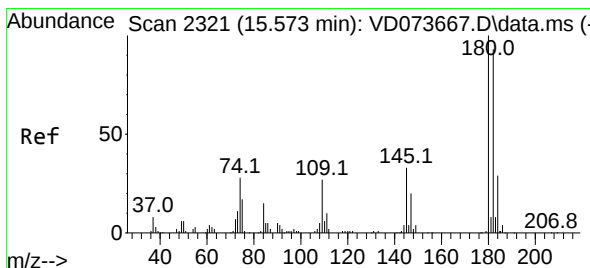
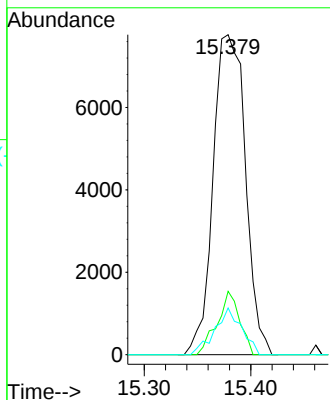
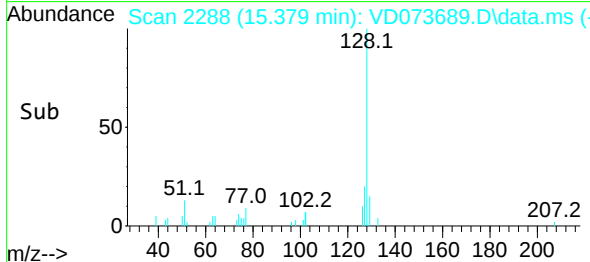
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022



Tgt Ion:128 Resp: 1633
Ion Ratio Lower Upper
128 100
127 13.7 10.6 16.0
129 12.1 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 2.546 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073689.D
Acq: 24 Jun 2022 15:57

Tgt Ion:180 Resp: 8687
Ion Ratio Lower Upper
180 100
182 92.9 49.0 147.0
145 35.6 17.6 52.8

