

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078281.D
 Acq On : 30 Jan 2024 16:21
 Operator : RP/MD
 Sample : P1187-02 5 PPB
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2024

Quant Time: Jan 31 01:17:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 01:16:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	98708	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	189934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	168880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	74456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64488	52.775	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	105.560%		
35) Dibromofluoromethane	7.804	113	66693	49.322	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.640%		
50) Toluene-d8	10.269	98	250483	48.928	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.860%		
62) 4-Bromofluorobenzene	12.575	95	72036	46.986	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.980%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.940	85	7739	6.484	ug/l	90
3) Chloromethane	2.152	50	12804	6.236	ug/l	# 86
4) Vinyl Chloride	2.287	62	16392	6.052	ug/l	96
5) Bromomethane	2.699	94	10309	6.287	ug/l	99
6) Chloroethane	2.840	64	10666	5.701	ug/l	98
7) Trichlorofluoromethane	3.175	101	13140	5.730	ug/l	93
8) Diethyl Ether	3.599	74	4015	5.919	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.975	101	7884	5.602	ug/l	91
10) Methyl Iodide	4.163	142	6010	4.695	ug/l	# 81
11) Tert butyl alcohol	5.052	59	2793m	35.834	ug/l	
12) 1,1-Dichloroethene	3.940	96	8333	6.137	ug/l	# 89
13) Acrolein	3.799	56	2907	28.707	ug/l	95
14) Allyl chloride	4.563	41	9946	5.555	ug/l	# 85
15) Acrylonitrile	5.263	53	9122	30.422	ug/l	# 72
16) Acetone	4.022	43	9219	28.551	ug/l	# 84
17) Carbon Disulfide	4.275	76	26388	5.756	ug/l	100
18) Methyl Acetate	4.581	43	3328	5.110	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	15520	5.496	ug/l	# 79
20) Methylene Chloride	4.805	84	13608	8.016	ug/l	# 80
21) trans-1,2-Dichloroethene	5.322	96	8626	5.618	ug/l	95
22) Diisopropyl ether	6.222	45	20854	5.474	ug/l	# 85
23) Vinyl Acetate	6.157	43	61464	26.445	ug/l	# 92
24) 1,1-Dichloroethane	6.122	63	14278	5.414	ug/l	97
25) 2-Butanone	7.093	43	11332	27.831	ug/l	# 75
26) 2,2-Dichloropropane	7.075	77	13059	6.062	ug/l	# 65
27) cis-1,2-Dichloroethene	7.081	96	9012	5.296	ug/l	85
28) Bromochloromethane	7.428	49	5320	5.656	ug/l	# 70
29) Tetrahydrofuran	7.452	42	5627	25.833	ug/l	91
30) Chloroform	7.599	83	16114	5.976	ug/l	84
31) Cyclohexane	7.881	56	14516	6.343	ug/l	# 85
32) 1,1,1-Trichloroethane	7.804	97	13035	5.609	ug/l	95
36) 1,1-Dichloropropene	8.016	75	11647	5.194	ug/l	96
37) Ethyl Acetate	7.169	43	4719	5.468	ug/l	# 79
38) Carbon Tetrachloride	7.993	117	12049	5.465	ug/l	85
39) Methylcyclohexane	9.275	83	14009	5.284	ug/l	97
40) Benzene	8.251	78	33674	5.147	ug/l	93

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Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	2594	5.591	ug/l #	48
42) 1,2-Dichloroethane	8.322	62	9393	5.535	ug/l	95
43) Isopropyl Acetate	8.363	43	8319	5.376	ug/l #	71
44) Trichloroethene	9.028	130	8852	5.510	ug/l	92
45) 1,2-Dichloropropane	9.310	63	8365	5.229	ug/l #	85
46) Dibromomethane	9.398	93	4464	5.030	ug/l #	86
47) Bromodichloromethane	9.587	83	11065	5.067	ug/l #	94
48) Methyl methacrylate	9.381	41	3918	5.299	ug/l #	73
49) 1,4-Dioxane	9.369	88	952	95.620	ug/l #	33
51) 4-Methyl-2-Pentanone	10.157	43	20218	24.153	ug/l	87
52) Toluene	10.334	92	20166	5.082	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	10499	5.147	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	12698	5.259	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	6071	5.242	ug/l	93
56) Ethyl methacrylate	10.604	69	6630	5.047	ug/l #	78
57) 1,3-Dichloropropane	10.881	76	10848	5.432	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.869	63	13797	23.094	ug/l	90
59) 2-Hexanone	10.922	43	15764	25.006	ug/l	81
60) Dibromochloromethane	11.075	129	7155	5.322	ug/l	96
61) 1,2-Dibromoethane	11.181	107	5413	4.950	ug/l	99
64) Tetrachloroethene	10.810	164	6291	5.341	ug/l	87
65) Chlorobenzene	11.610	112	22317	5.524	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	7585	5.273	ug/l	98
67) Ethyl Benzene	11.681	91	36052	4.926	ug/l	92
68) m/p-Xylenes	11.798	106	27327	9.705	ug/l	89
69) o-Xylene	12.122	106	12910	4.989	ug/l	99
70) Styrene	12.134	104	21030	4.759	ug/l	94
71) Bromoform	12.298	173	3574	5.045	ug/l #	92
73) Isopropylbenzene	12.422	105	33103	5.255	ug/l	97
74) N-amyl acetate	12.234	43	6820	5.235	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	6782	5.575	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	4875m	6.264	ug/l	
77) Bromobenzene	12.698	156	7447	5.372	ug/l	74
78) n-propylbenzene	12.763	91	42972	5.476	ug/l	94
79) 2-Chlorotoluene	12.851	91	23157	5.513	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	26159	5.104	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	2079	5.313	ug/l #	81
82) 4-Chlorotoluene	12.945	91	24401	5.449	ug/l	93
83) tert-Butylbenzene	13.163	119	23949	5.477	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	26050	5.024	ug/l	96
85) sec-Butylbenzene	13.345	105	33678	4.907	ug/l	100
86) p-Isopropyltoluene	13.463	119	27828	4.950	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	15989	5.552	ug/l	93
88) 1,4-Dichlorobenzene	13.539	146	16253	5.704	ug/l	88
89) n-Butylbenzene	13.786	91	28253	5.158	ug/l	97
90) Hexachloroethane	14.051	117	6922	6.165	ug/l	69
91) 1,2-Dichlorobenzene	13.828	146	13642	5.537	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1190	6.978	ug/l	74
93) 1,2,4-Trichlorobenzene	15.104	180	8321	5.839	ug/l	91
94) Hexachlorobutadiene	15.204	225	4612	6.604	ug/l	94
95) Naphthalene	15.328	128	15108	5.317	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.522	180	6446	5.137	ug/l	91

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Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

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

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

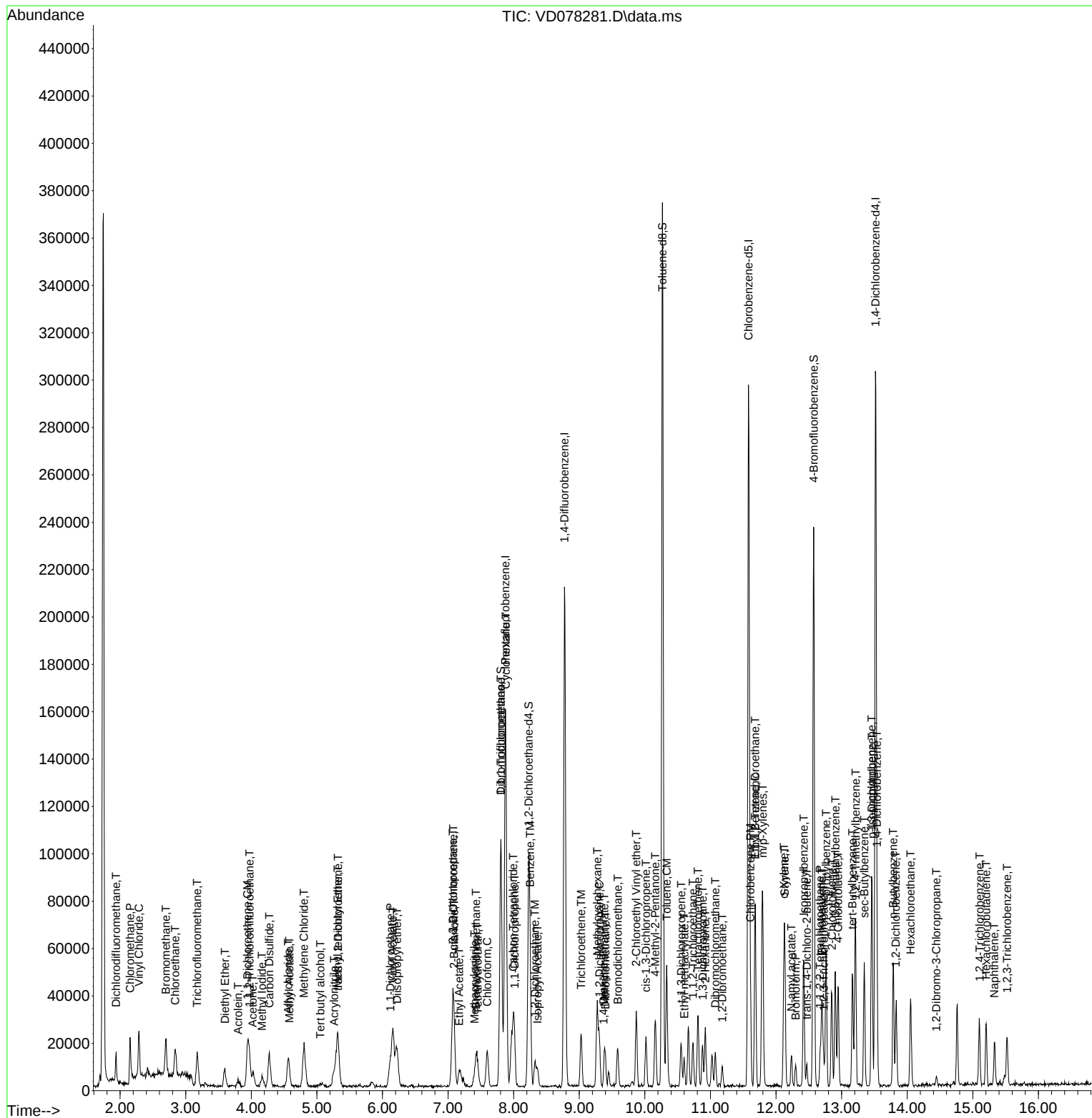
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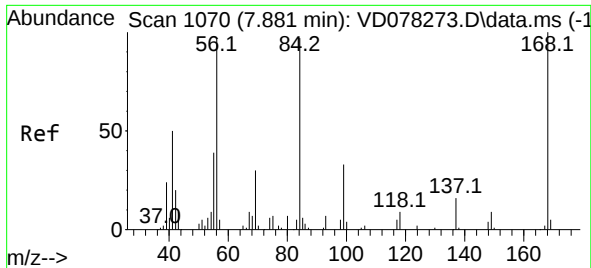
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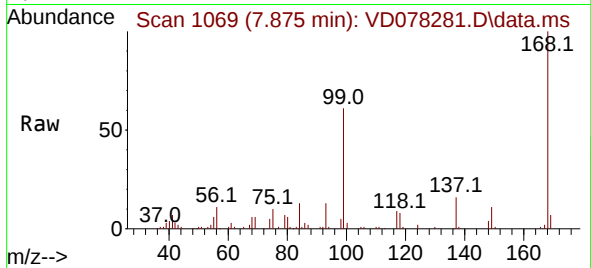
Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

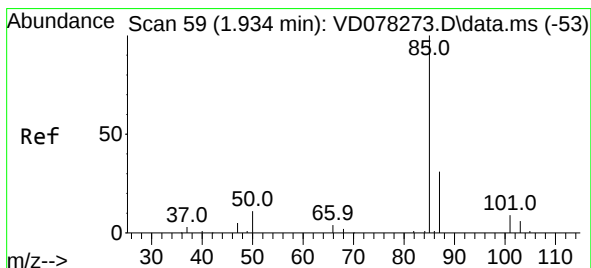
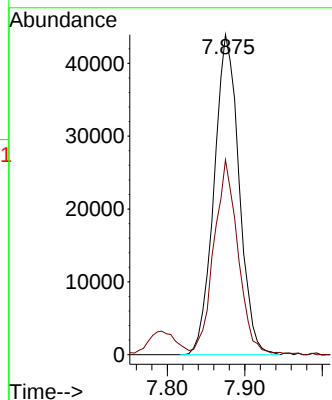
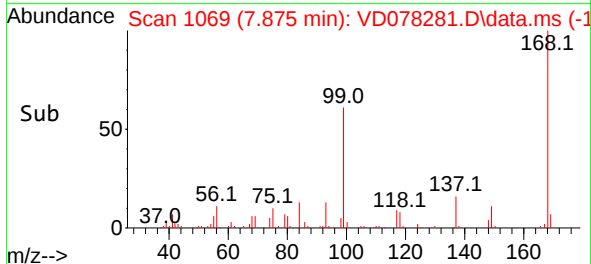
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion:168 Resp: 98708
Ion Ratio Lower Upper
168 100
99 60.2 36.7 55.1

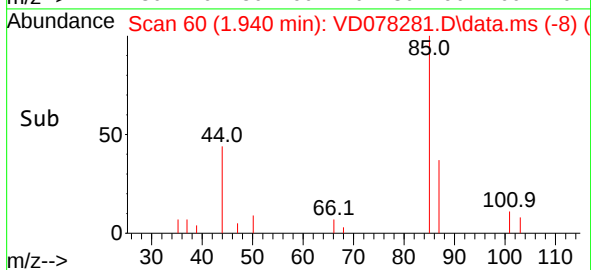
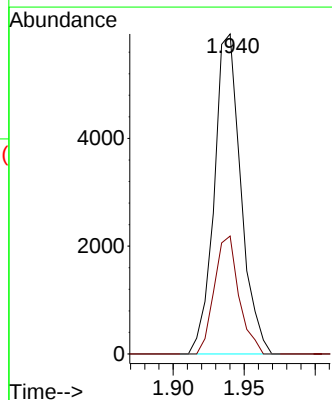
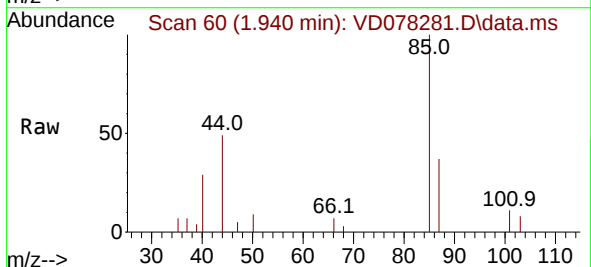
Manual Integrations
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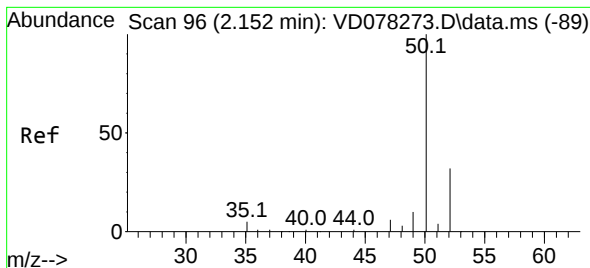
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#2
Dichlorodifluoromethane
Concen: 6.484 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Tgt Ion: 85 Resp: 7739
Ion Ratio Lower Upper
85 100
87 36.8 15.7 47.0





#3

Chloromethane

Concen: 6.236 ug/l

RT: 2.152 min Scan# 96

Delta R.T. 0.000 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

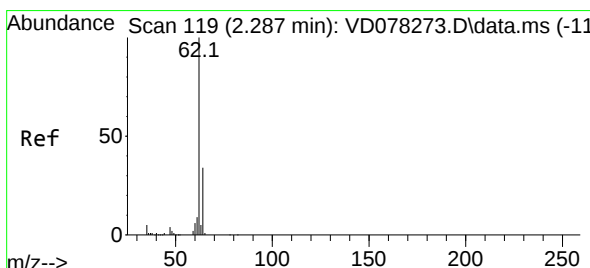
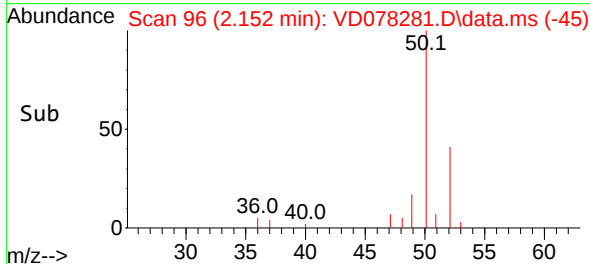
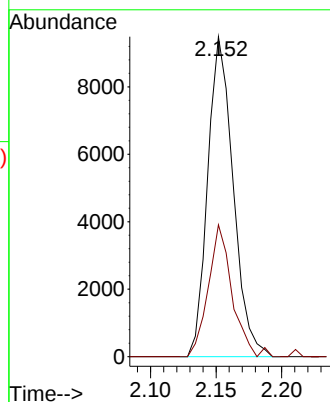
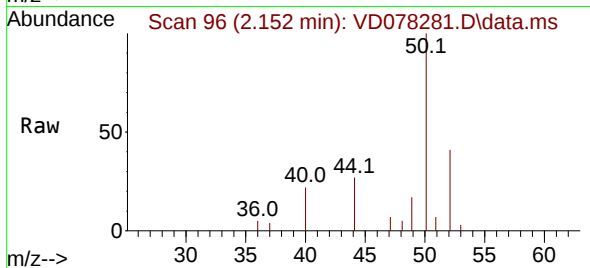
LOQ-SOIL-02-QT1-2024

Tgt Ion: 50 Resp: 12804
 Ion Ratio Lower Upper
 50 100
 52 41.2 26.6 40.0

Manual Integrations

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 Supervised By :Mahesh Dadoda 01/31/2024



#4

Vinyl Chloride

Concen: 6.052 ug/l

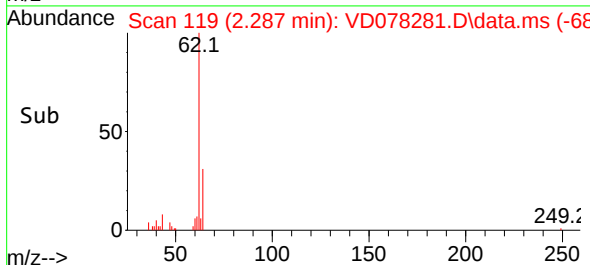
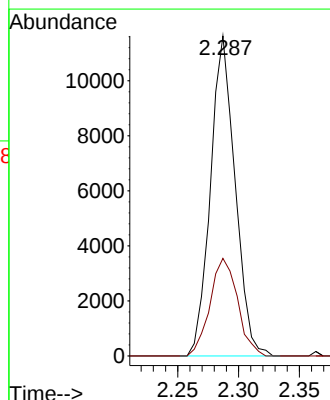
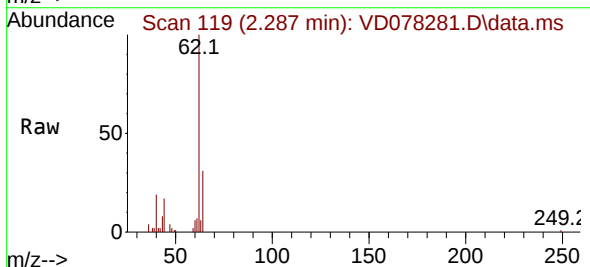
RT: 2.287 min Scan# 119

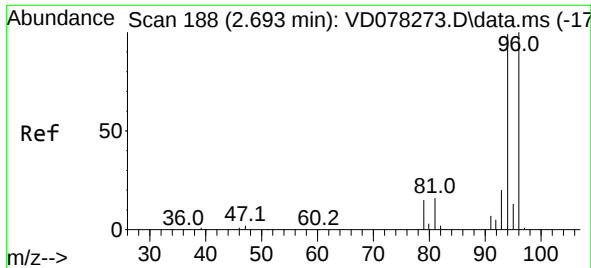
Delta R.T. 0.000 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

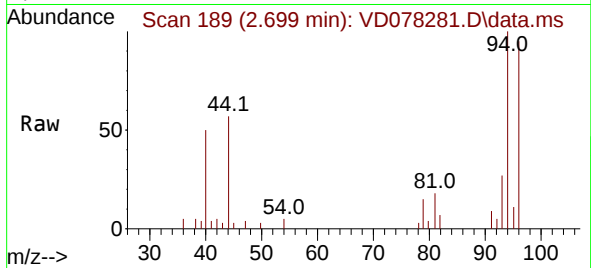
Tgt Ion: 62 Resp: 16392
 Ion Ratio Lower Upper
 62 100
 64 30.5 26.0 39.0





#5
Bromomethane
Concen: 6.287 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

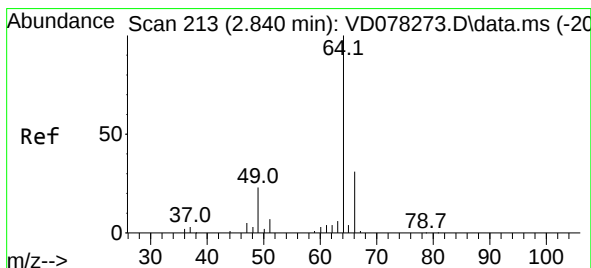
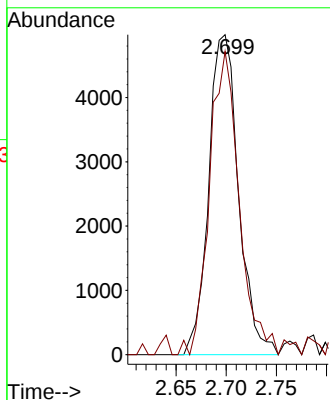
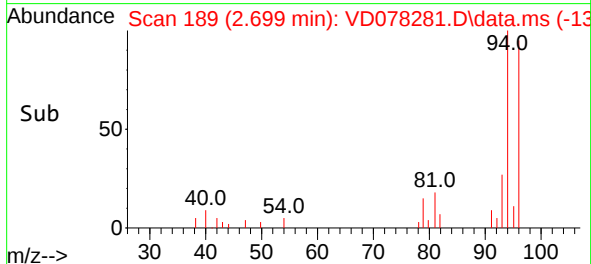
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Tgt Ion: 94 Resp: 10309
Ion Ratio Lower Upper
94 100
96 94.2 75.8 113.8

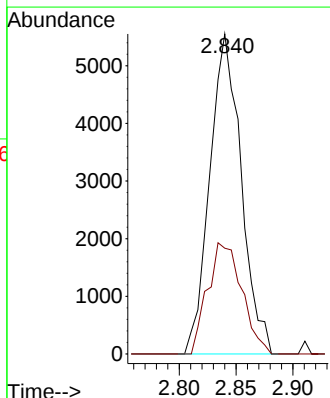
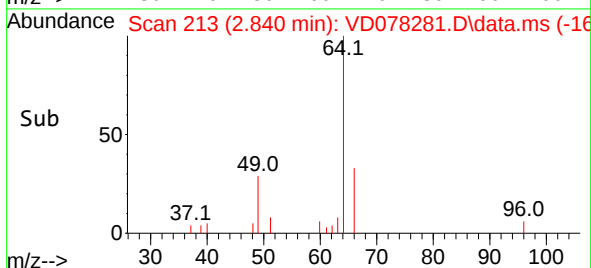
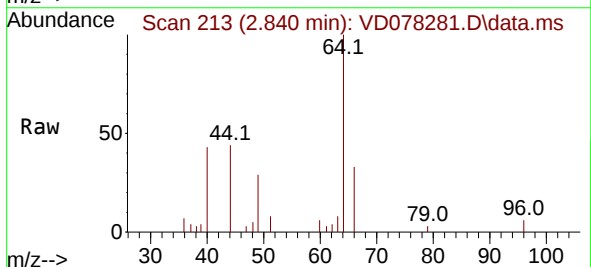
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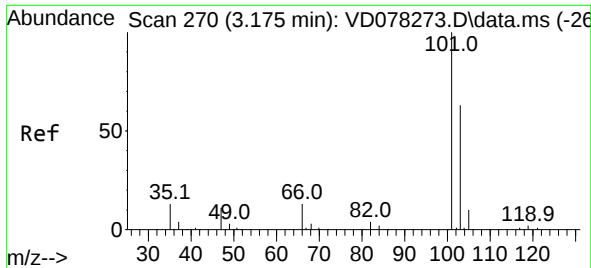
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#6
Chloroethane
Concen: 5.701 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

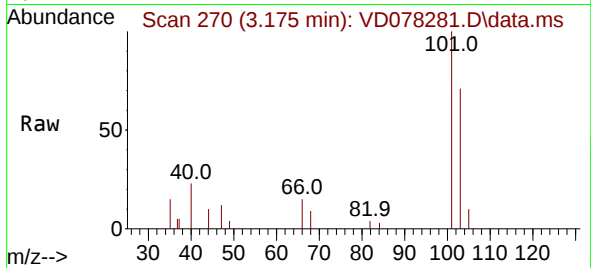
Tgt Ion: 64 Resp: 10666
Ion Ratio Lower Upper
64 100
66 33.0 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 5.730 ug/l
 RT: 3.175 min Scan# 270
 Delta R.T. 0.000 min
 Lab File: VD078281.D
 Acq: 30 Jan 2024 16:21

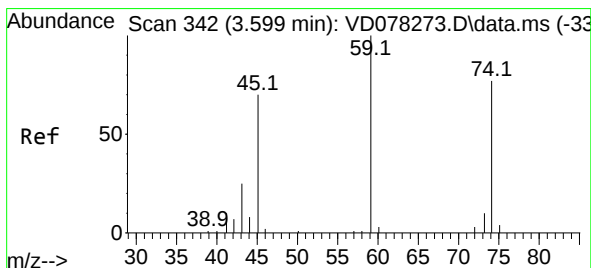
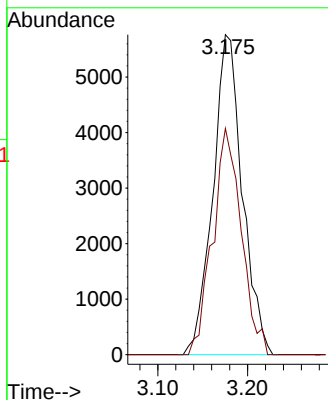
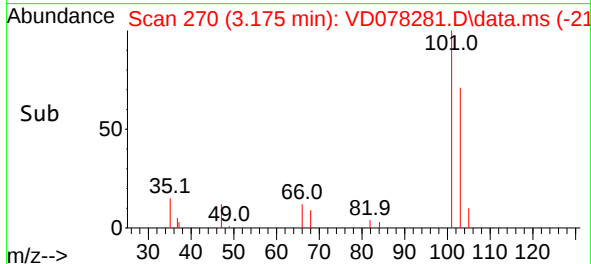
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Tgt Ion:101 Resp: 13140
 Ion Ratio Lower Upper
 101 100
 103 70.7 52.3 78.5

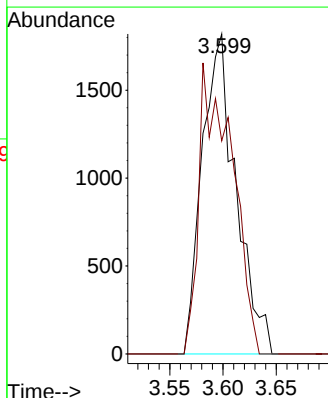
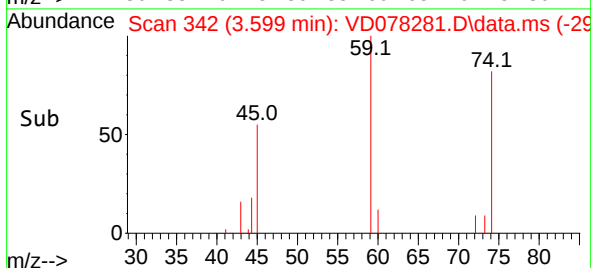
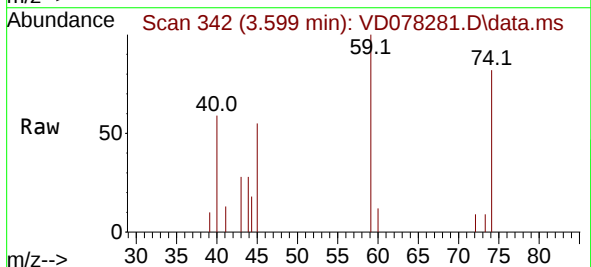
Manual Integrations
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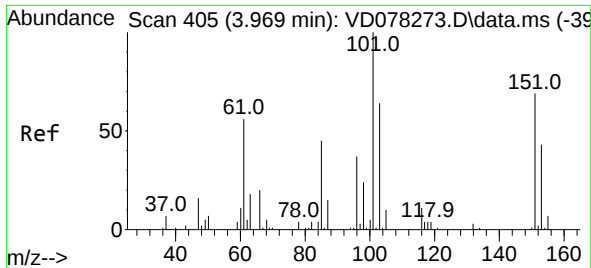
Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024



#8
 Diethyl Ether
 Concen: 5.919 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VD078281.D
 Acq: 30 Jan 2024 16:21

Tgt Ion: 74 Resp: 4015
 Ion Ratio Lower Upper
 74 100
 45 89.1 37.5 112.7





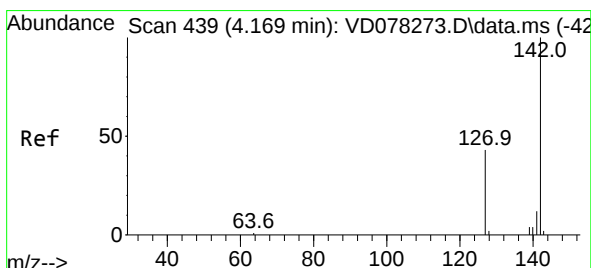
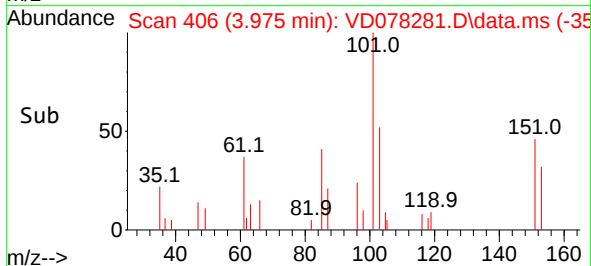
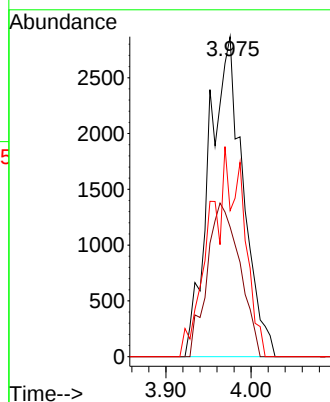
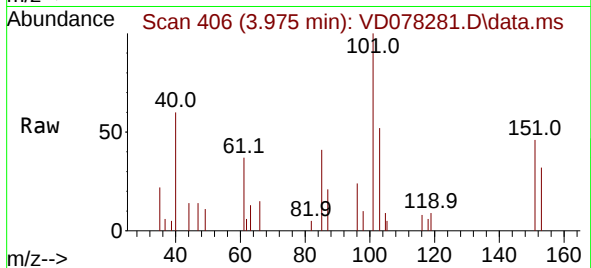
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.602 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

Tgt Ion:101 Resp: 7884
Ion Ratio Lower Upper
101 100
85 46.5 33.8 50.6
151 66.5 59.8 89.6

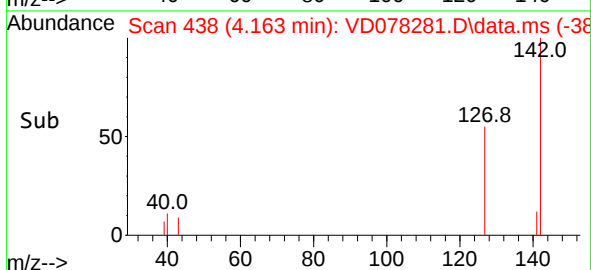
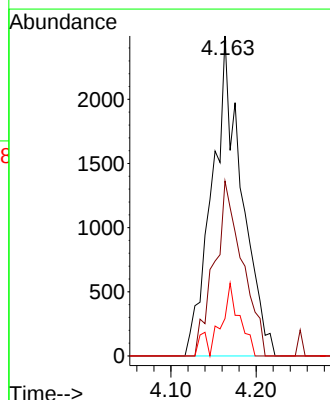
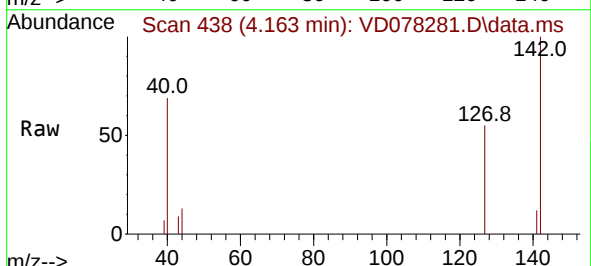
Manual Integrations
APPROVED

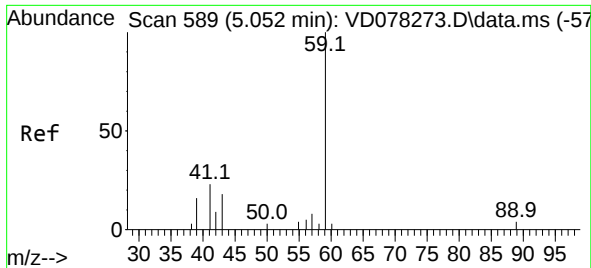
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#10
Methyl Iodide
Concen: 4.695 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

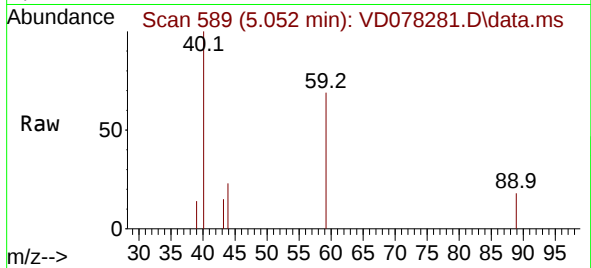
Tgt Ion:142 Resp: 6010
Ion Ratio Lower Upper
142 100
127 51.6 29.4 44.0#
141 13.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 35.834 ug/l m
RT: 5.052 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

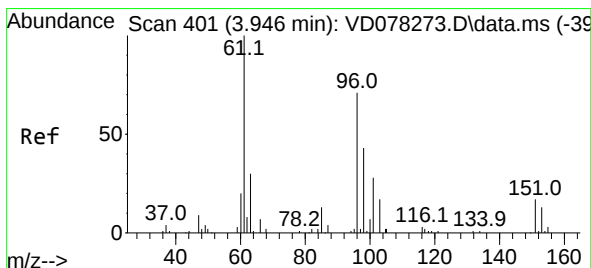
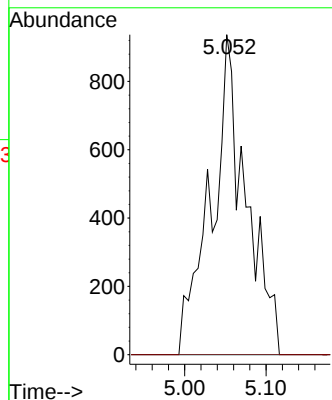
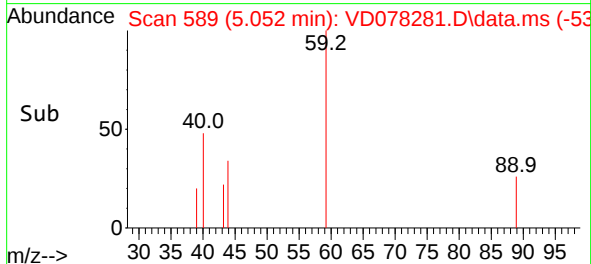
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



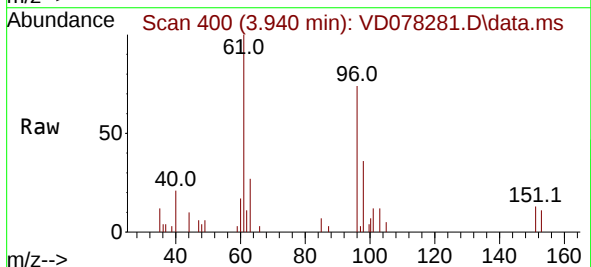
Tgt Ion: 59 Resp: 279
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8

Manual Integrations
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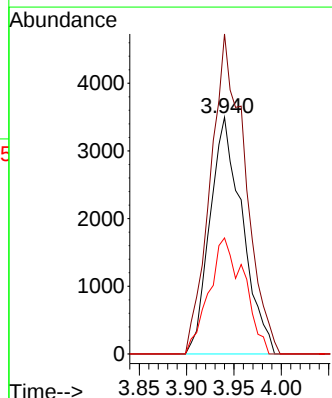
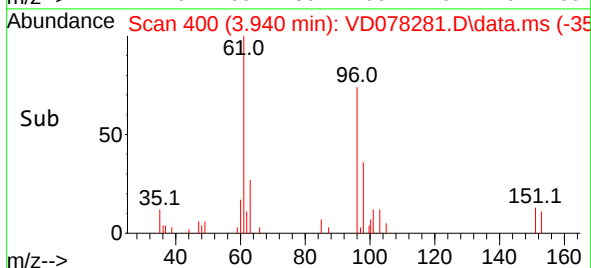
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

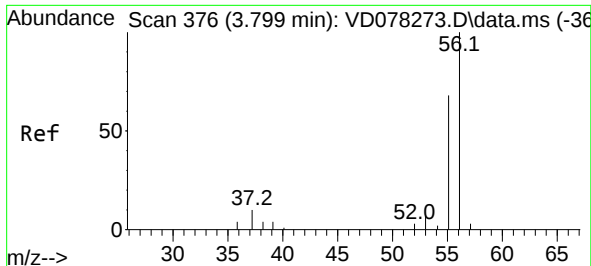


#12
1,1-Dichloroethene
Concen: 6.137 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21



Tgt Ion: 96 Resp: 8333
Ion Ratio Lower Upper
96 100
61 135.3 100.6 150.8
98 49.0 50.2 75.2





#13

Acrolein

Concen: 28.707 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2024

Tgt Ion: 56 Resp: 290

Ion Ratio Lower Upper

56 100

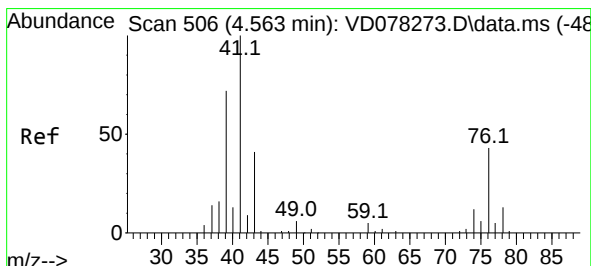
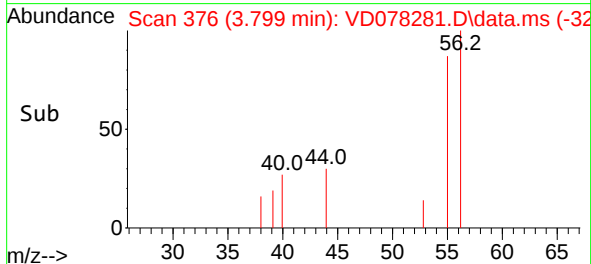
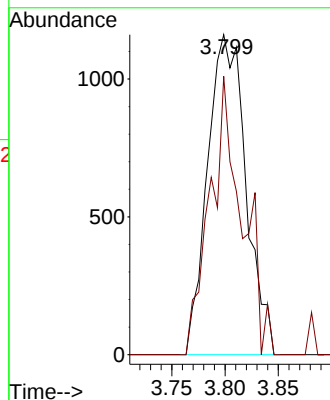
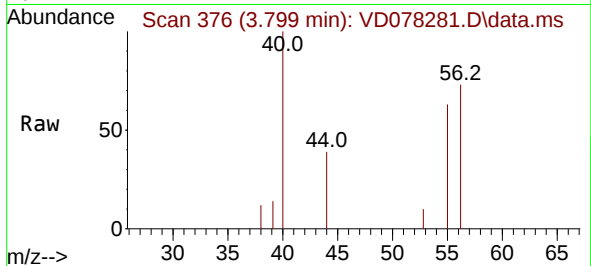
55 73.2 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#14

Allyl chloride

Concen: 5.555 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

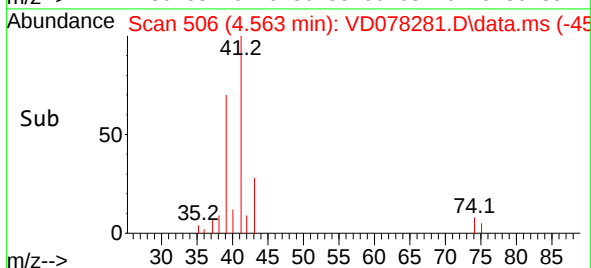
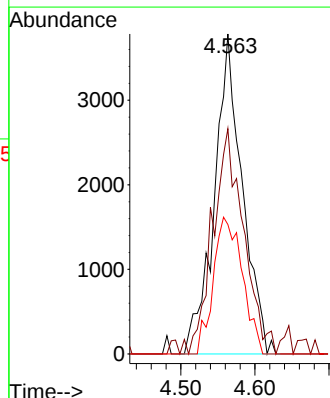
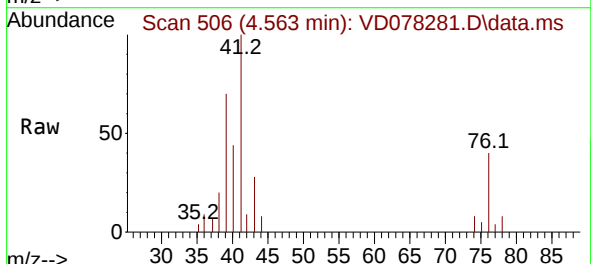
Tgt Ion: 41 Resp: 9946

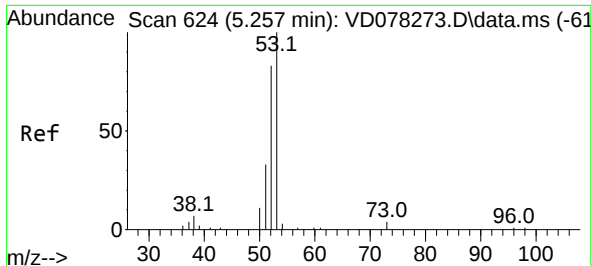
Ion Ratio Lower Upper

41 100

39 78.0 53.8 80.6

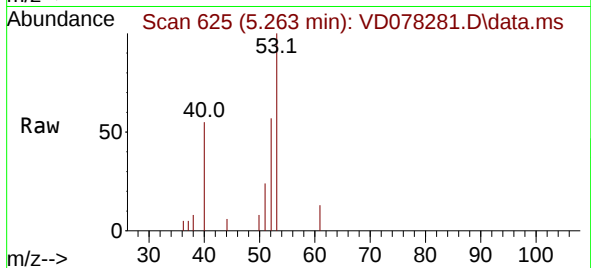
76 44.2 45.8 68.8#





#15
Acrylonitrile
Concen: 30.422 ug/l
RT: 5.263 min Scan# 612
Delta R.T. 0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

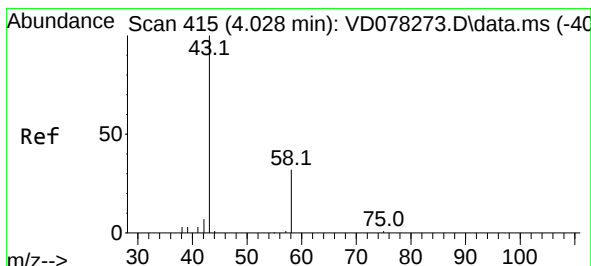
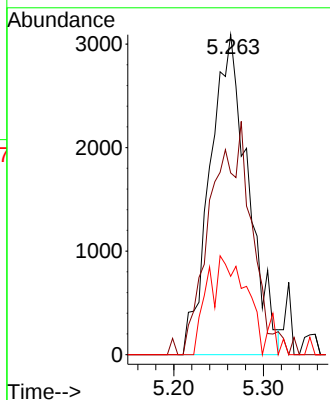
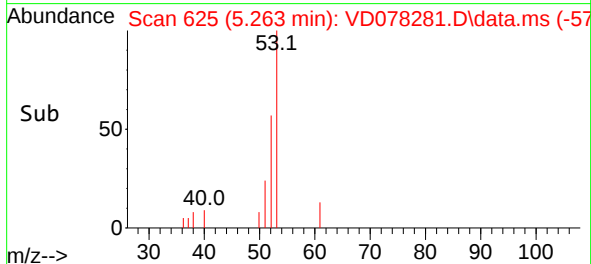
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



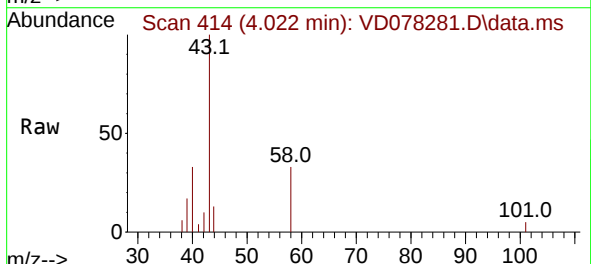
Tgt Ion: 53 Resp: 912
Ion Ratio Lower Upper
53 100
52 49.1 65.0 97.4
51 30.7 28.3 42.5

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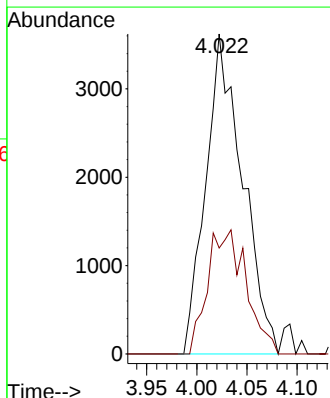
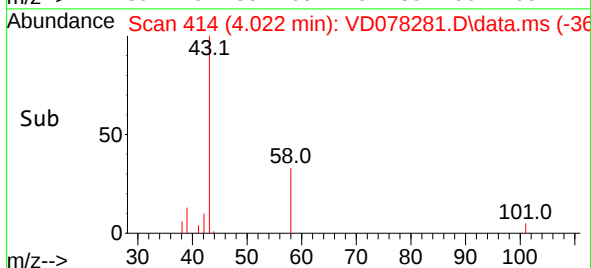
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

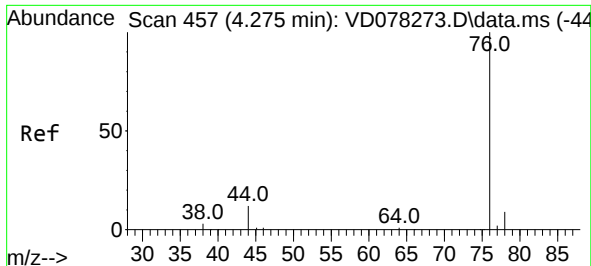


#16
Acetone
Concen: 28.551 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21



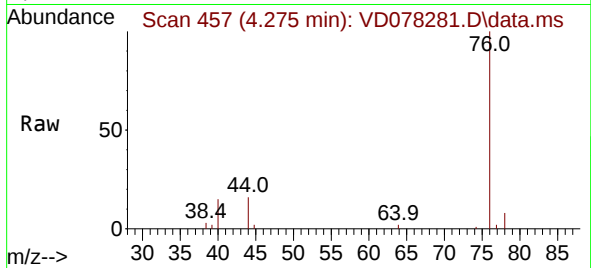
Tgt Ion: 43 Resp: 9219
Ion Ratio Lower Upper
43 100
58 33.1 34.7 52.1





#17
Carbon Disulfide
Concen: 5.756 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

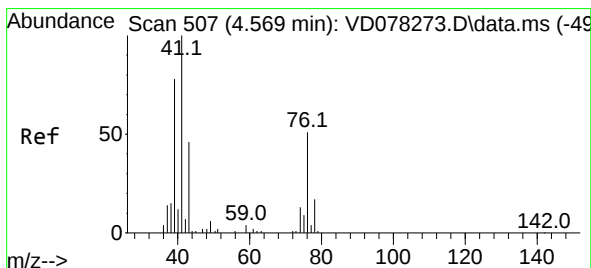
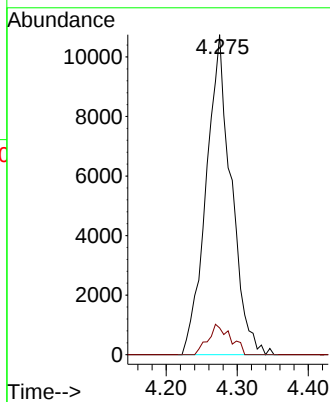
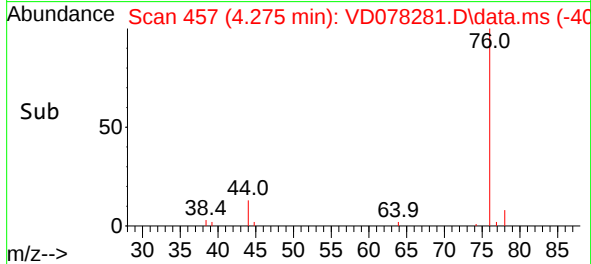
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 76 Resp: 2638
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2

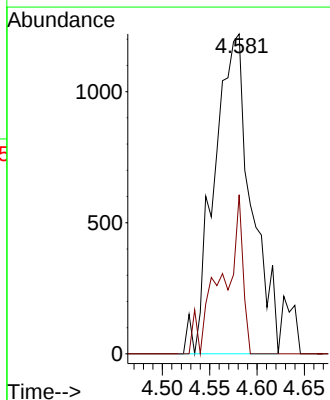
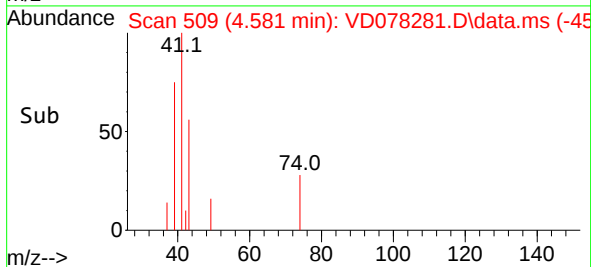
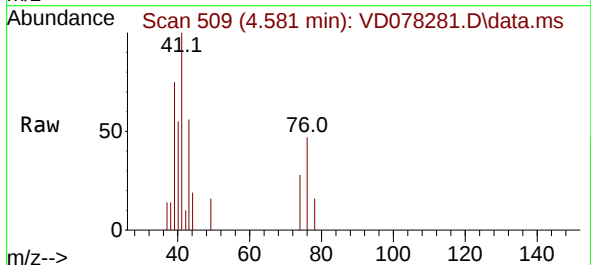
Manual Integrations
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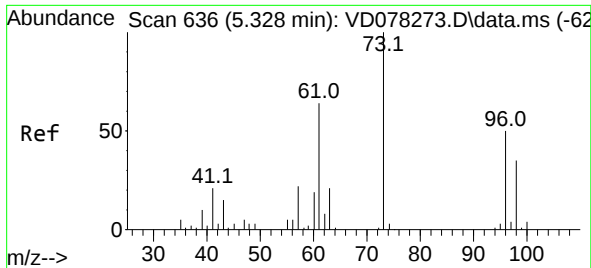
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#18
Methyl Acetate
Concen: 5.110 ug/l
RT: 4.581 min Scan# 509
Delta R.T. 0.012 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Tgt Ion: 43 Resp: 3328
Ion Ratio Lower Upper
43 100
74 27.3 26.4 39.6





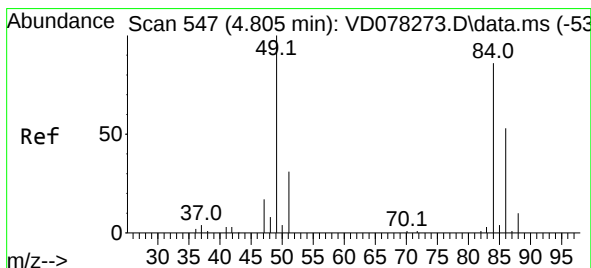
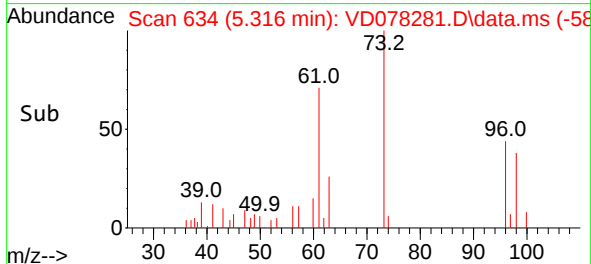
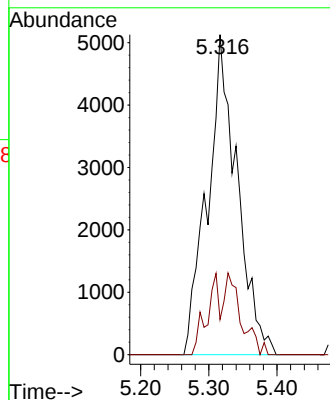
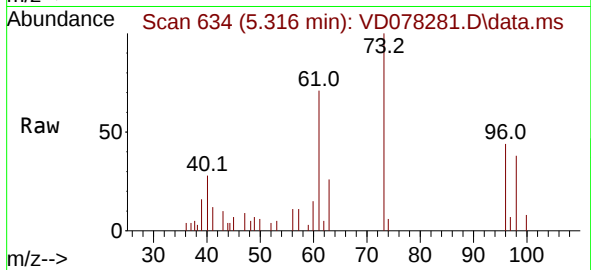
#19
Methyl tert-butyl Ether
Concen: 5.496 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

Tgt Ion: 73 Resp: 15520
Ion Ratio Lower Upper
73 100
57 11.0 16.6 25.0

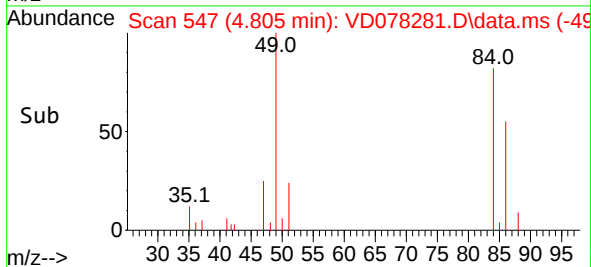
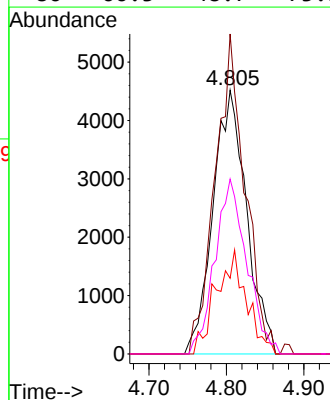
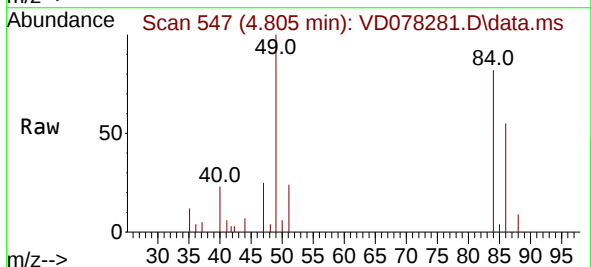
Manual Integrations
APPROVED

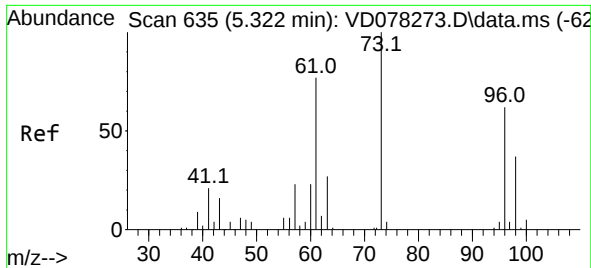
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#20
Methylene Chloride
Concen: 8.016 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Tgt Ion: 84 Resp: 13608
Ion Ratio Lower Upper
84 100
49 121.4 71.4 107.2#
51 28.7 24.5 36.7
86 66.3 48.7 73.1





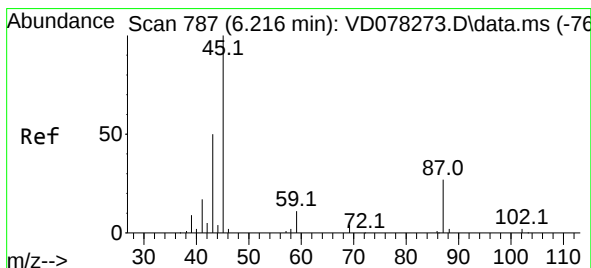
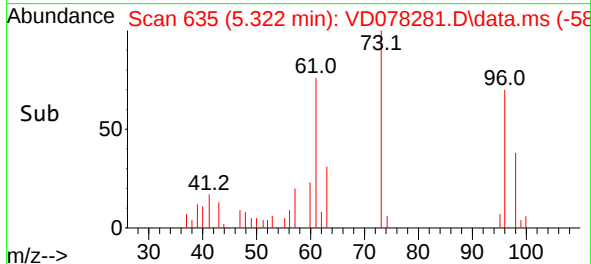
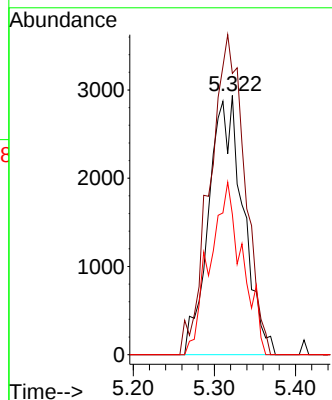
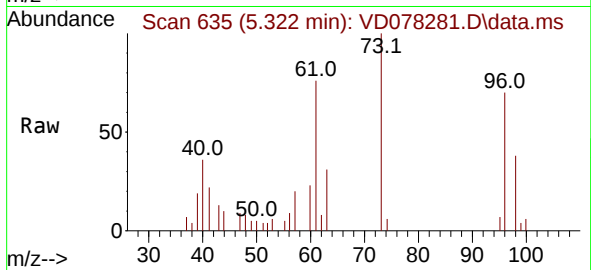
#21
trans-1,2-Dichloroethene
Concen: 5.618 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

Tgt Ion: 96 Resp: 8620
Ion Ratio Lower Upper
96 100
61 108.5 89.3 133.9
98 54.1 48.6 73.0

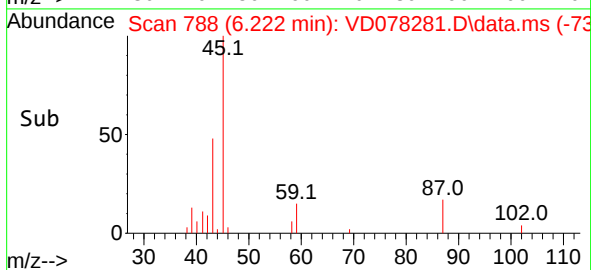
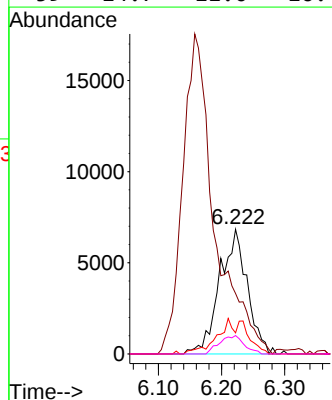
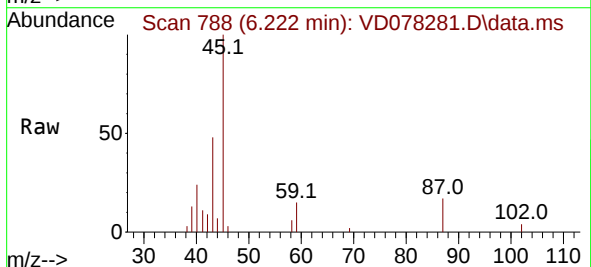
Manual Integrations
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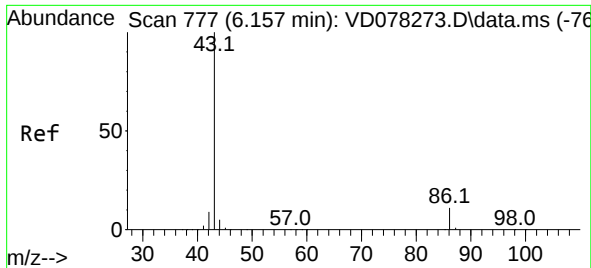
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#22
Diisopropyl ether
Concen: 5.474 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Tgt Ion: 45 Resp: 20854
Ion Ratio Lower Upper
45 100
43 44.7 40.0 60.0
87 17.0 28.2 42.4#
59 14.7 11.0 16.4





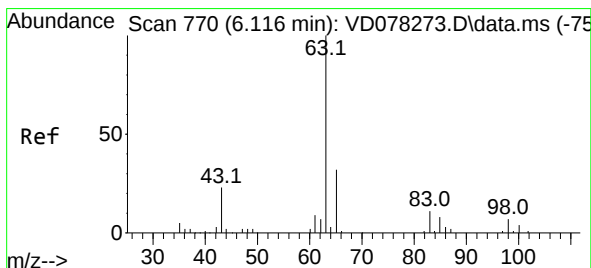
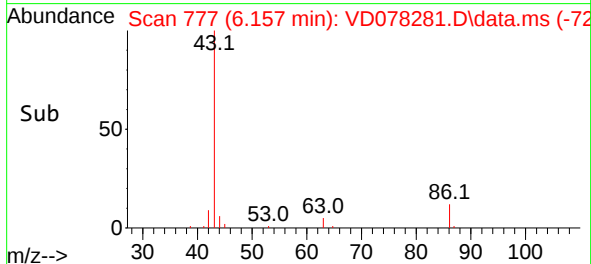
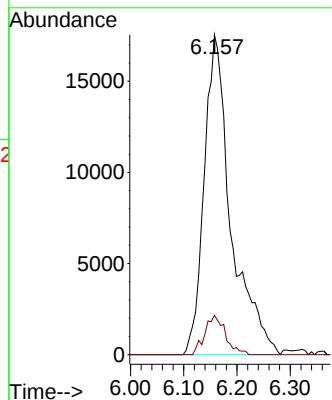
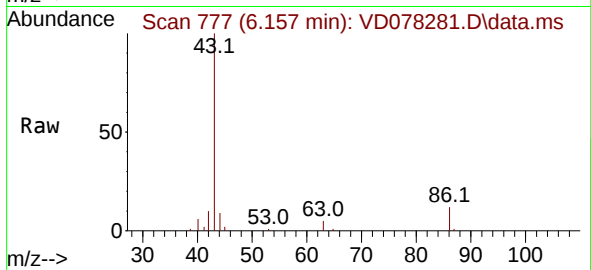
#23
 Vinyl Acetate
 Concen: 26.445 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078281.D
 Acq: 30 Jan 2024 16:21

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2024

Tgt Ion: 43 Resp: 61464
 Ion Ratio Lower Upper
 43 100
 86 12.3 12.5 18.7

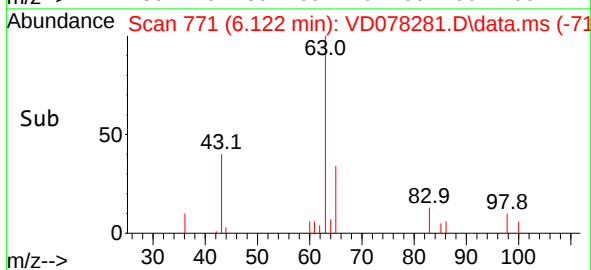
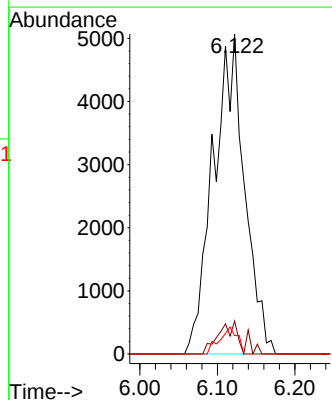
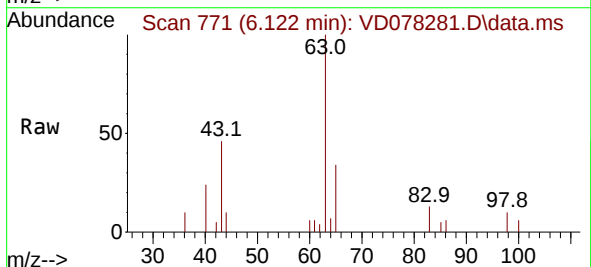
Manual Integrations
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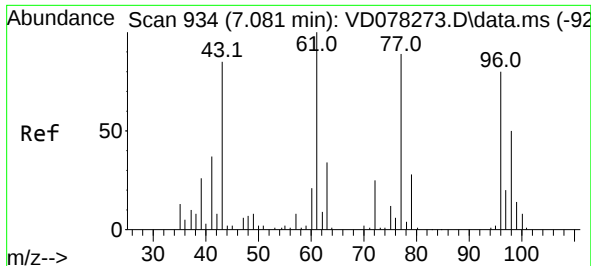
Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024



#24
 1,1-Dichloroethane
 Concen: 5.414 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VD078281.D
 Acq: 30 Jan 2024 16:21

Tgt Ion: 63 Resp: 14278
 Ion Ratio Lower Upper
 63 100
 98 10.3 4.5 13.7
 100 5.7 2.5 7.5





#25

2-Butanone

Concen: 27.831 ug/l

RT: 7.093 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2024

Tgt Ion: 43 Resp: 1133

Ion Ratio Lower Upper

43 100

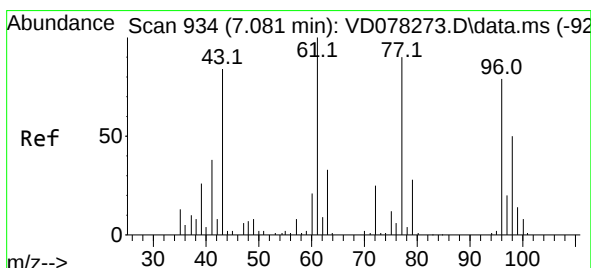
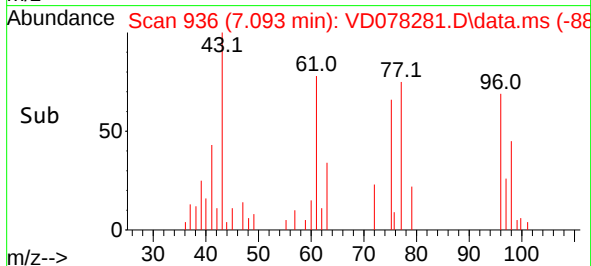
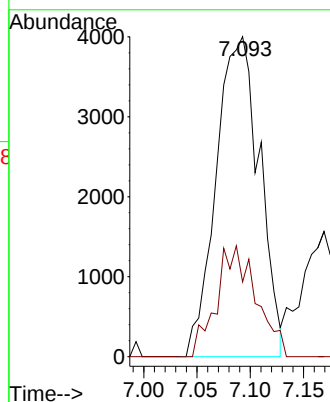
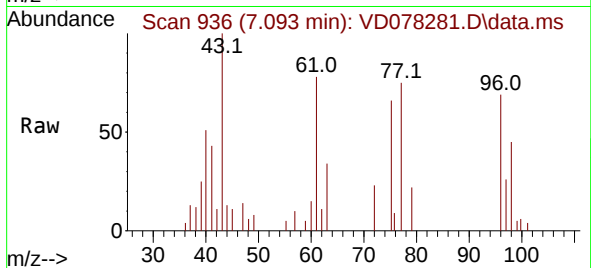
72 23.3 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#26

2,2-Dichloropropane

Concen: 6.062 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD078281.D

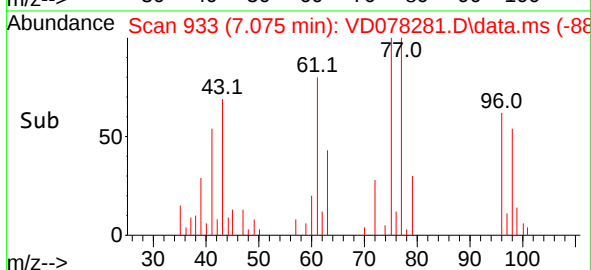
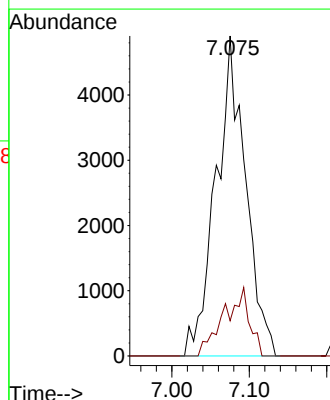
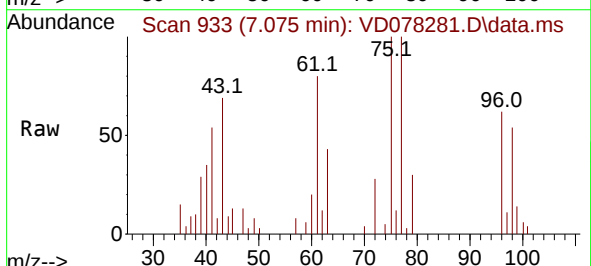
Acq: 30 Jan 2024 16:21

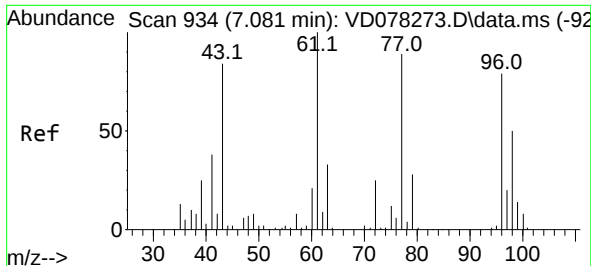
Tgt Ion: 77 Resp: 13059

Ion Ratio Lower Upper

77 100

97 8.3 13.2 39.6#





#27

cis-1,2-Dichloroethene

Concen: 5.296 ug/l

RT: 7.081 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

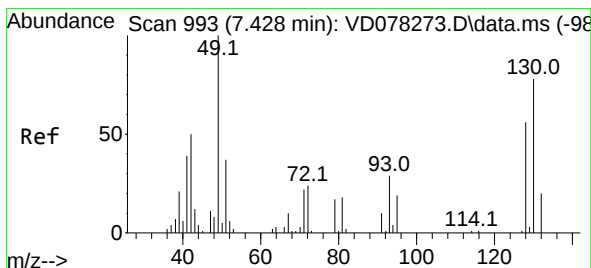
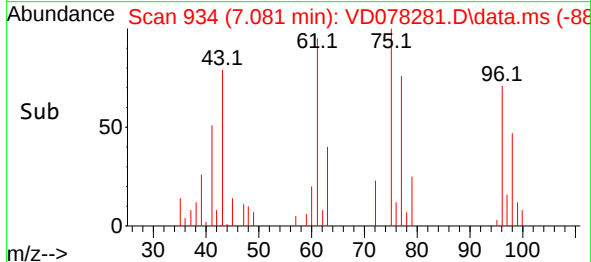
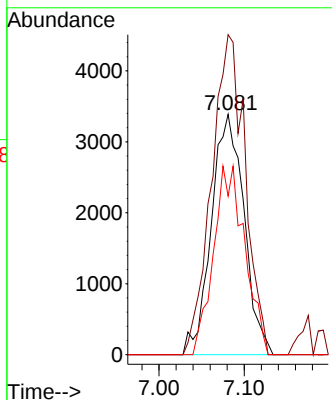
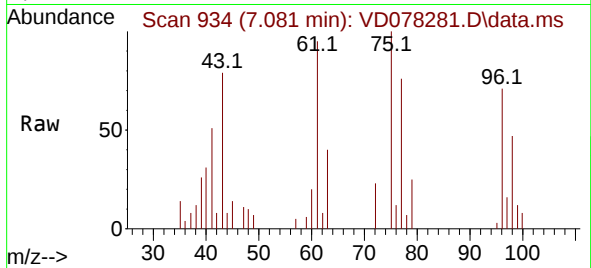
LOQ-SOIL-02-QT1-2024

Tgt Ion: 96	Resp: 901
Ion Ratio	Lower Upper
96 100	
61 137.0	0.0 239.2
98 75.2	0.0 128.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#28

Bromochloromethane

Concen: 5.656 ug/l

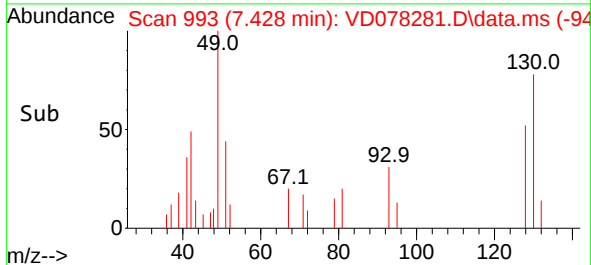
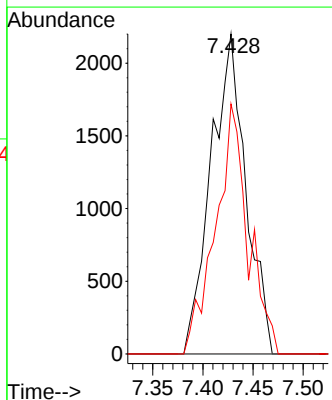
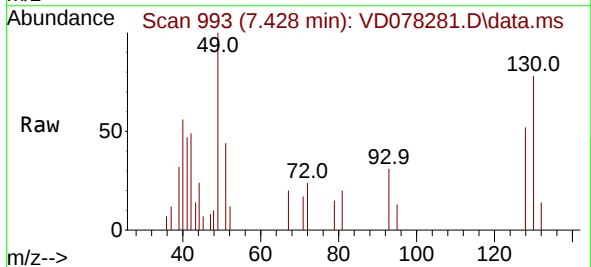
RT: 7.428 min Scan# 993

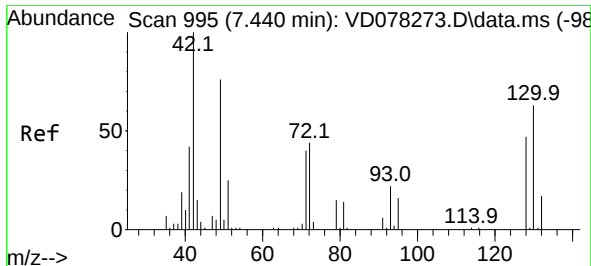
Delta R.T. 0.000 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

Tgt Ion: 49	Resp: 5320
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 6.0
130 72.9	83.2 124.8





#29

Tetrahydrofuran

Concen: 25.833 ug/l

RT: 7.452 min Scan# 995

Delta R.T. 0.012 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

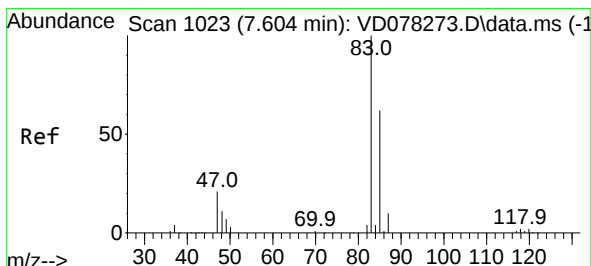
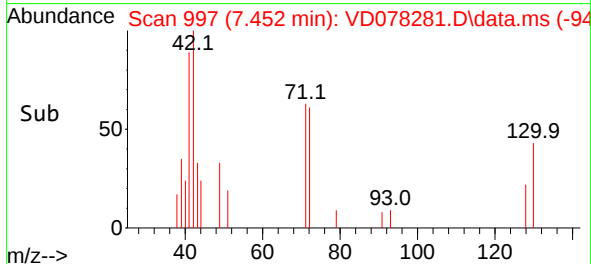
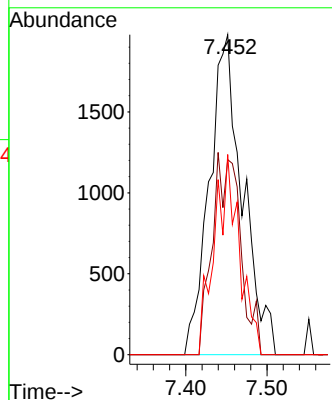
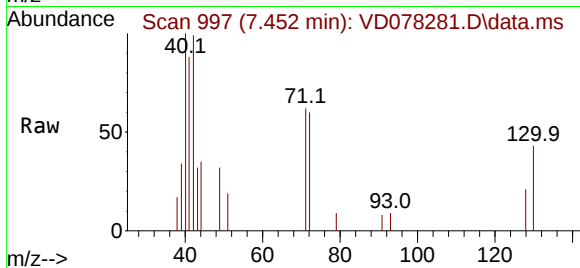
LOQ-SOIL-02-QT1-2024

Tgt Ion: 42	Resp: 562
Ion Ratio	Lower Upper
42 100	
72 53.5	46.5 69.7
71 47.1	44.5 66.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#30

Chloroform

Concen: 5.976 ug/l

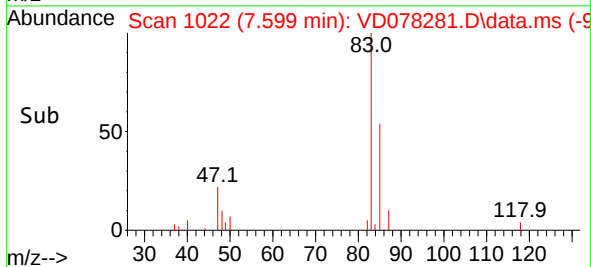
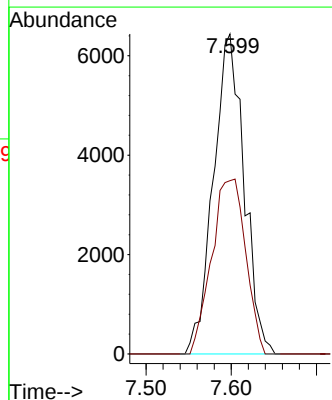
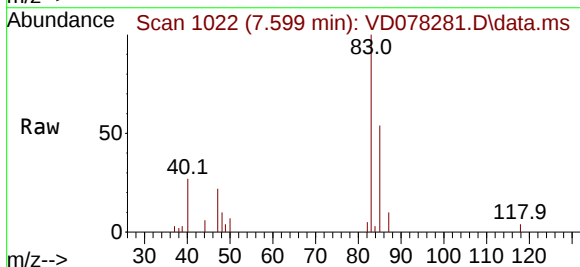
RT: 7.599 min Scan# 1022

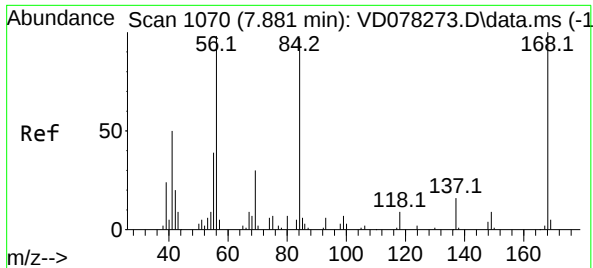
Delta R.T. -0.006 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

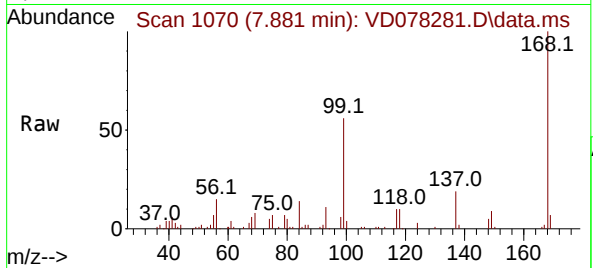
Tgt Ion: 83	Resp: 16114
Ion Ratio	Lower Upper
83 100	
85 54.2	53.4 80.2





#31
Cyclohexane
Concen: 6.343 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

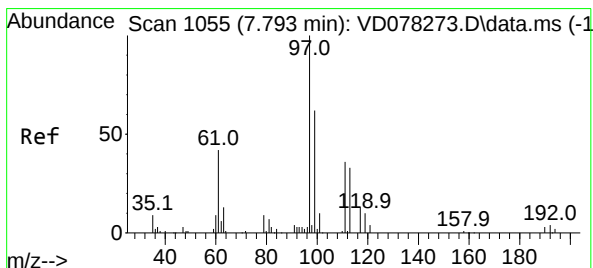
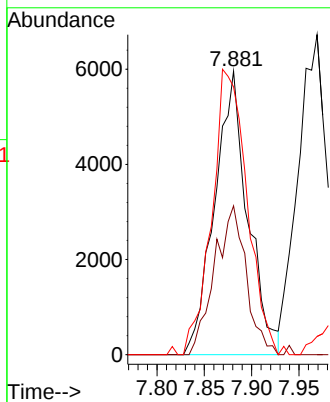
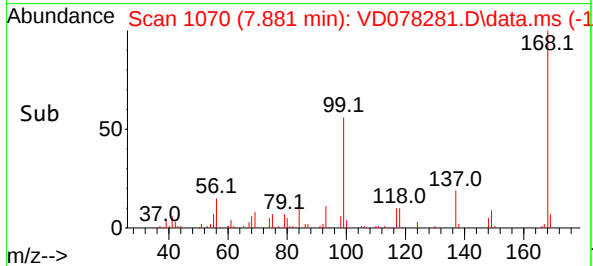
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



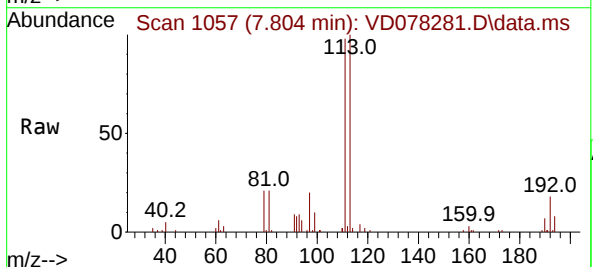
Tgt Ion: 56 Resp: 14510
Ion Ratio Lower Upper
56 100
69 52.5 28.6 43.0
84 94.5 84.8 127.2

Manual Integrations
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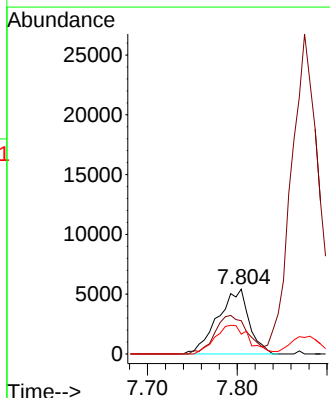
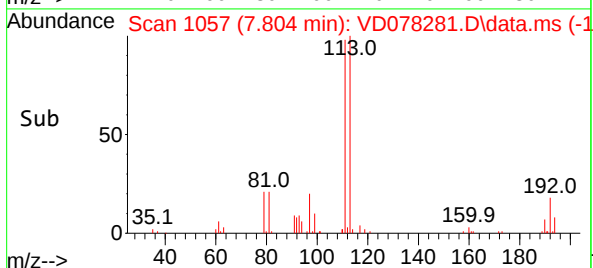
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

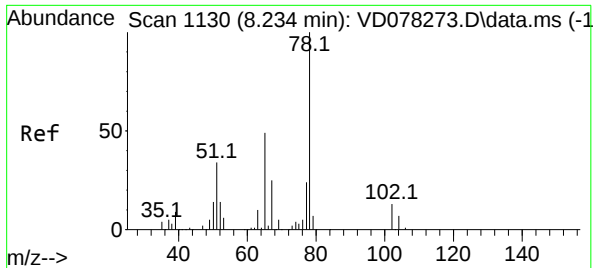


#32
1,1,1-Trichloroethane
Concen: 5.609 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21



Tgt Ion: 97 Resp: 13035
Ion Ratio Lower Upper
97 100
99 62.7 52.0 78.0
61 48.1 33.8 50.8





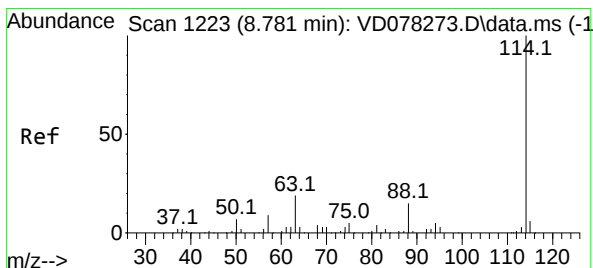
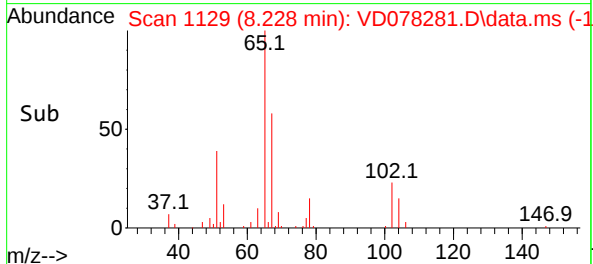
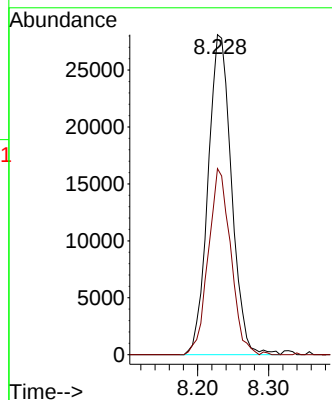
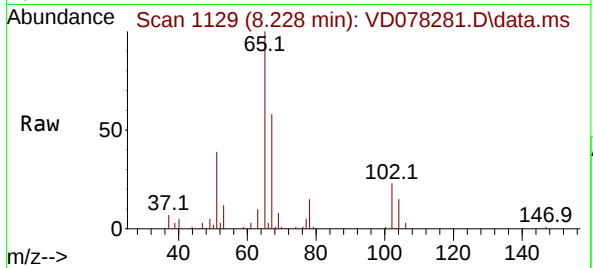
#33
1,2-Dichloroethane-d4
Concen: 52.775 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2024

Tgt Ion: 65 Resp: 6448
Ion Ratio Lower Upper
65 100
67 55.4 0.0 115.0

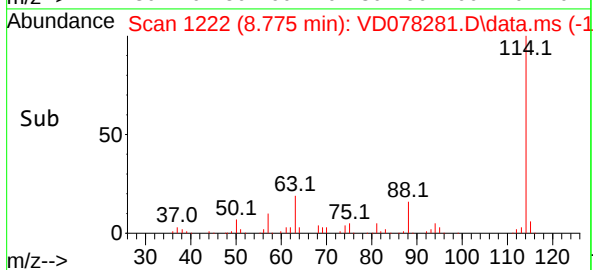
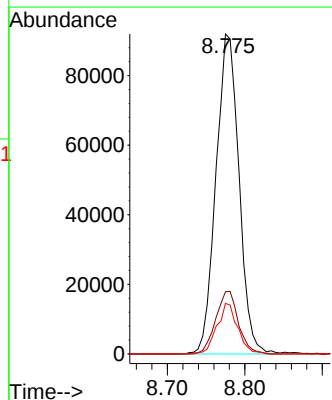
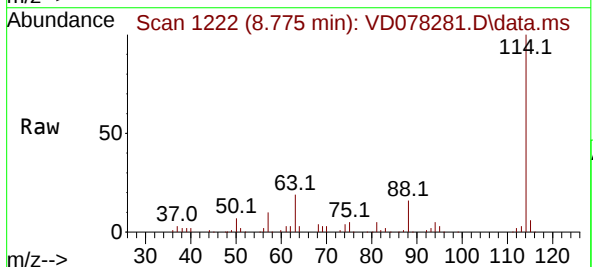
Manual Integrations
APPROVED

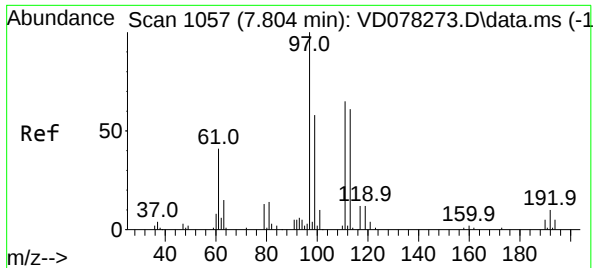
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

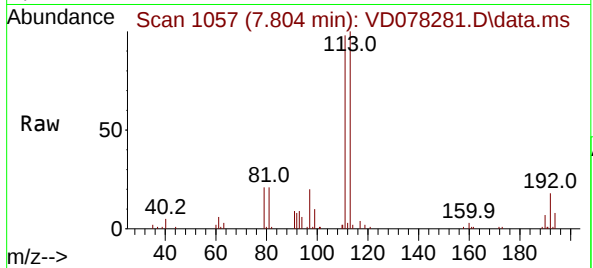
Tgt Ion:114 Resp: 189934
Ion Ratio Lower Upper
114 100
63 19.5 0.0 33.4
88 15.8 0.0 26.2





#35
Dibromofluoromethane
Concen: 49.322 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

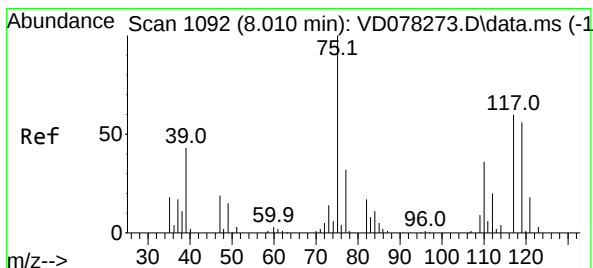
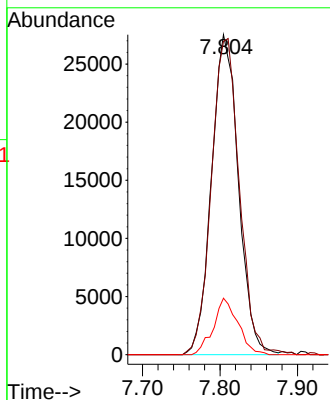
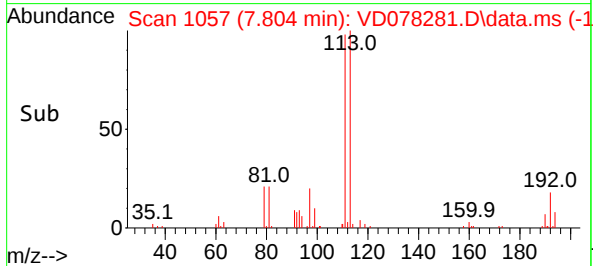
Instrument : MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 113 Resp: 6669
Ion Ratio Lower Upper
113 100
111 102.4 84.7 127.1
192 16.0 16.8 25.2

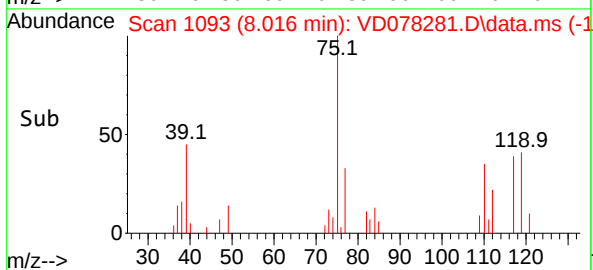
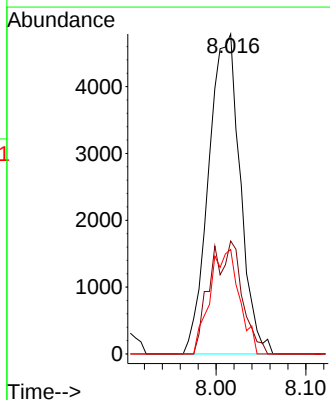
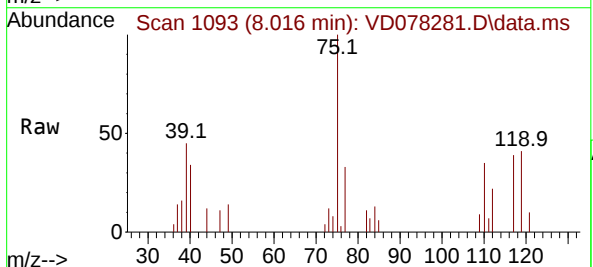
Manual Integrations
APPROVED

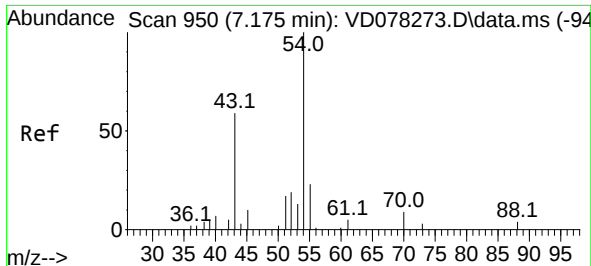
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#36
1,1-Dichloropropene
Concen: 5.194 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

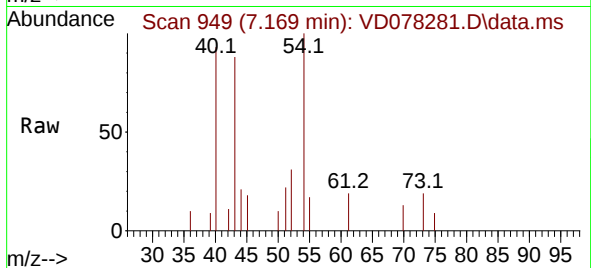
Tgt Ion: 75 Resp: 11647
Ion Ratio Lower Upper
75 100
110 35.6 19.9 59.6
77 30.6 24.7 37.1





#37
Ethyl Acetate
Concen: 5.468 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

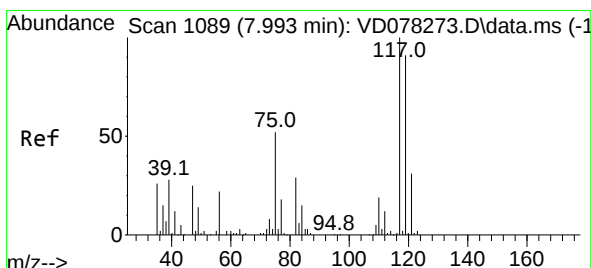
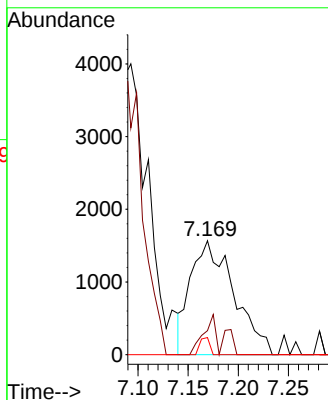
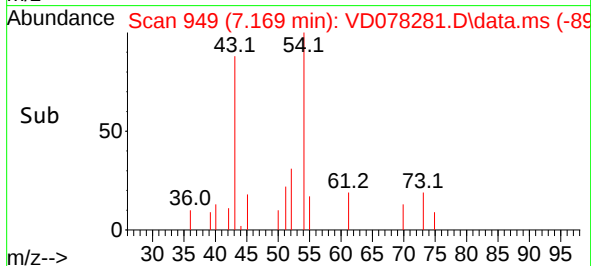
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 43 Resp: 4719
Ion Ratio Lower Upper
43 100
61 9.7 14.9 22.3
70 3.4 10.0 15.0

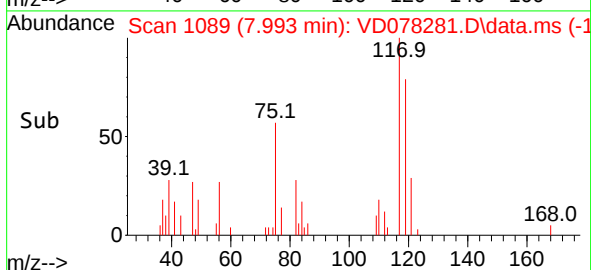
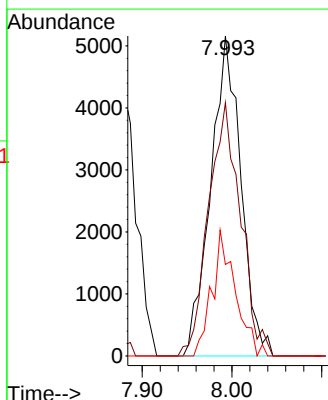
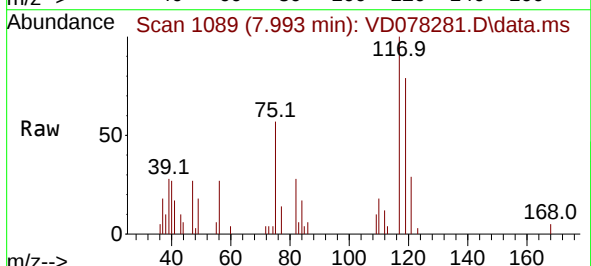
Manual Integrations
APPROVED

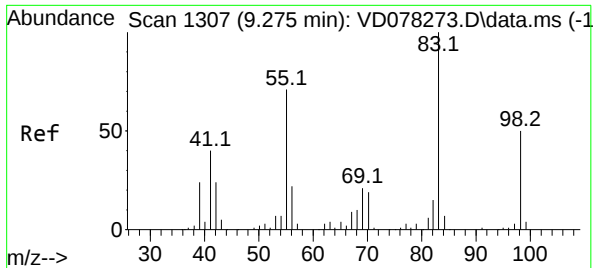
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#38
Carbon Tetrachloride
Concen: 5.465 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Tgt Ion:117 Resp: 12049
Ion Ratio Lower Upper
117 100
119 79.2 78.0 117.0
121 28.6 24.2 36.2





#39

Methylcyclohexane

Concen: 5.284 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

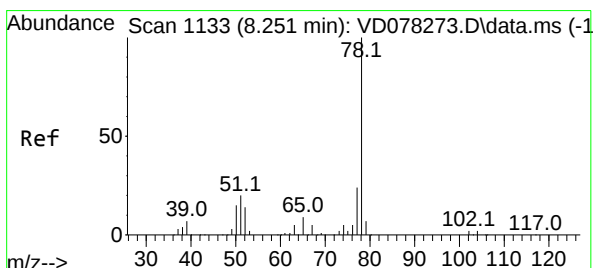
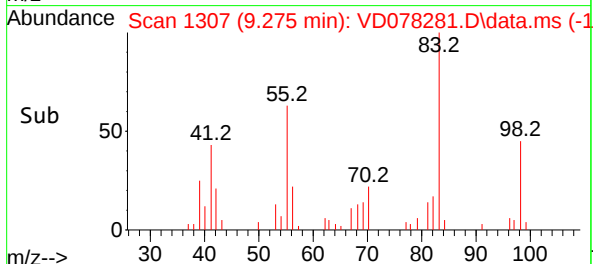
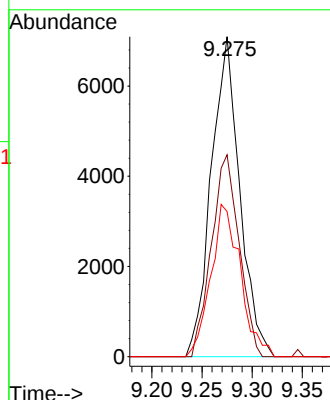
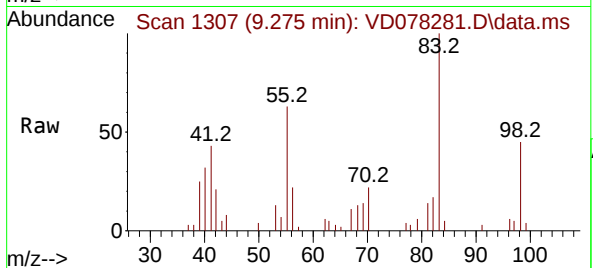
LOQ-SOIL-02-QT1-2024

Tgt Ion: 83	Resp: 14009
Ion Ratio	Lower Upper
83 100	
55 63.1	49.4 74.0
98 45.4	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#40

Benzene

Concen: 5.147 ug/l

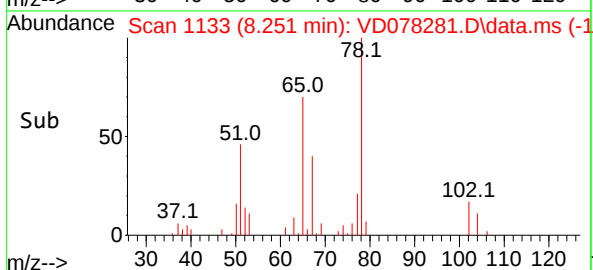
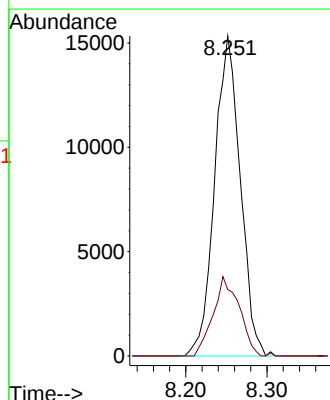
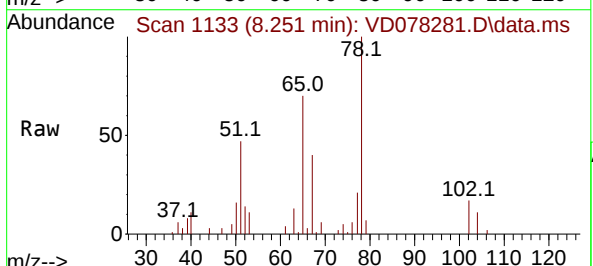
RT: 8.251 min Scan# 1133

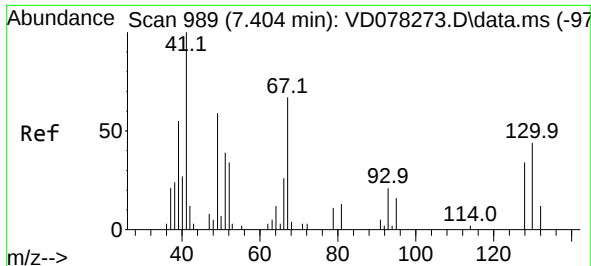
Delta R.T. 0.000 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

Tgt Ion: 78	Resp: 33674
Ion Ratio	Lower Upper
78 100	
77 20.8	19.4 29.0





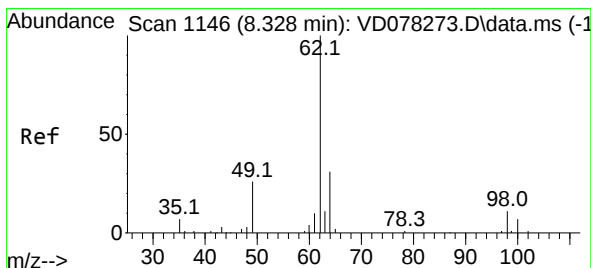
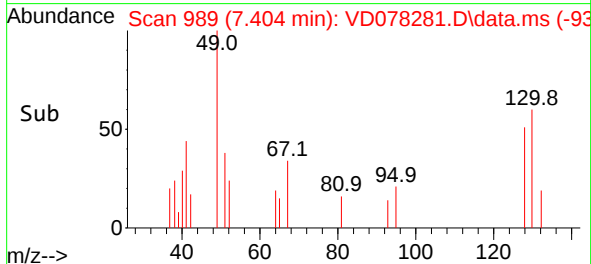
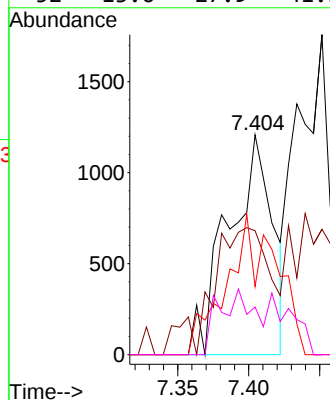
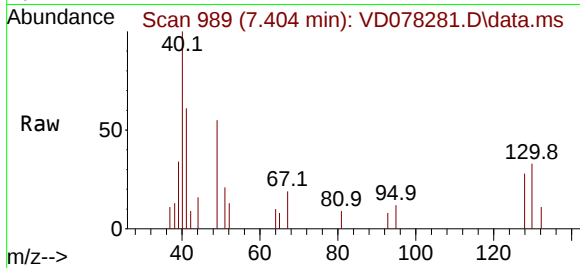
#41
Methacrylonitrile
Concen: 5.591 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

Tgt Ion: 41 Resp: 2594
Ion Ratio Lower Upper
41 100
39 77.8 34.0 51.0
67 41.0 77.0 115.4
52 13.6 27.9 41.9

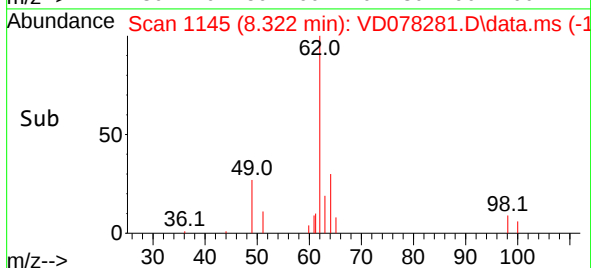
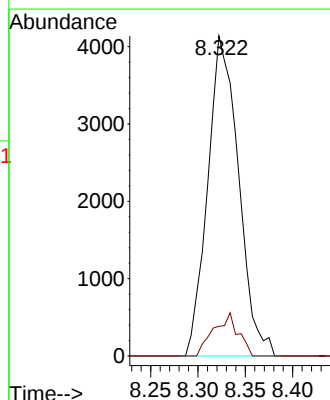
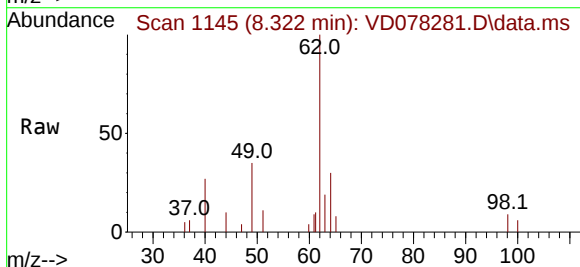
Manual Integrations
APPROVED

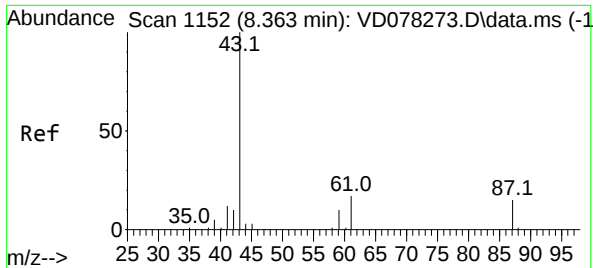
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#42
1,2-Dichloroethane
Concen: 5.535 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

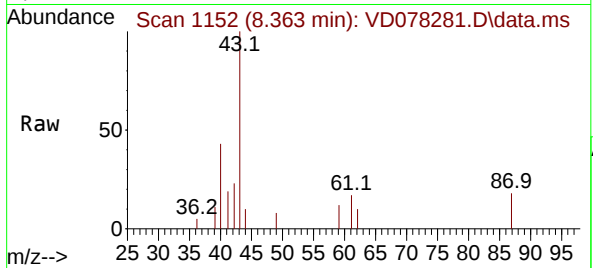
Tgt Ion: 62 Resp: 9393
Ion Ratio Lower Upper
62 100
98 10.6 0.0 25.4





#43
Isopropyl Acetate
Concen: 5.376 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

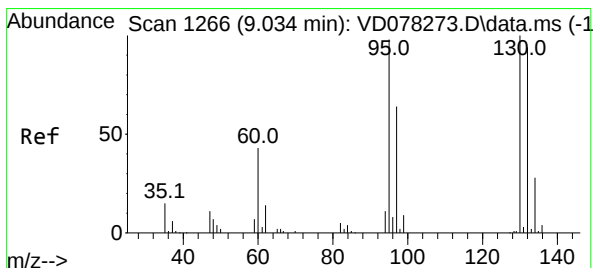
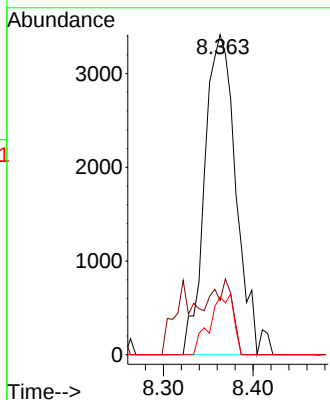
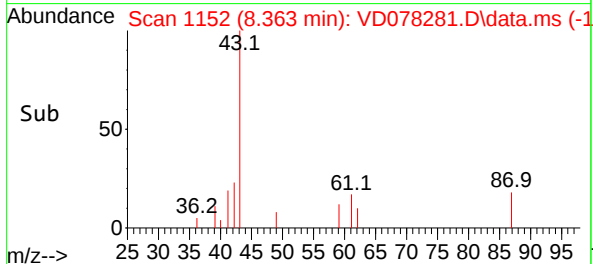
Instrument : MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 43 Resp: 8319
Ion Ratio Lower Upper
43 100
61 15.6 31.4 47.0
87 14.2 14.9 22.3

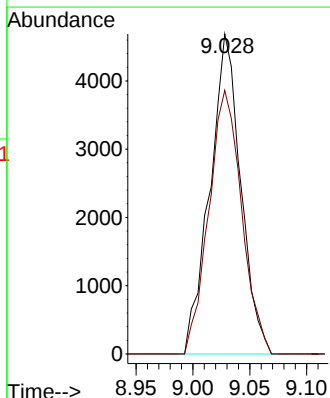
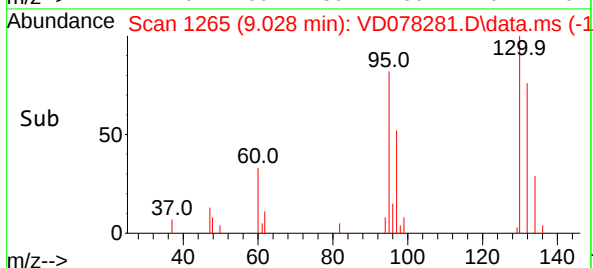
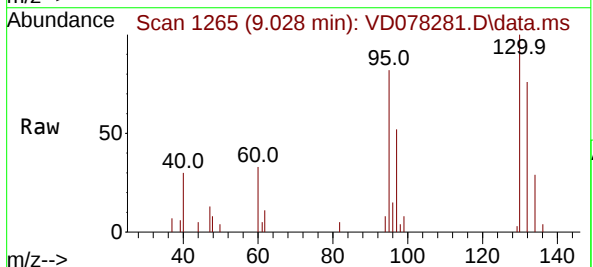
Manual Integrations
APPROVED

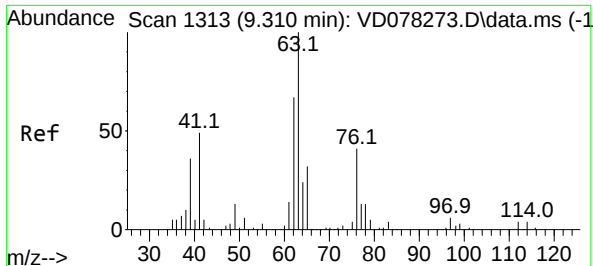
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#44
Trichloroethene
Concen: 5.510 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

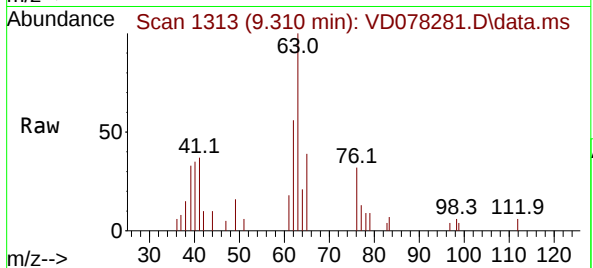
Tgt Ion:130 Resp: 8852
Ion Ratio Lower Upper
130 100
95 82.4 0.0 179.2





#45
1,2-Dichloropropane
Concen: 5.229 ug/l
RT: 9.310 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

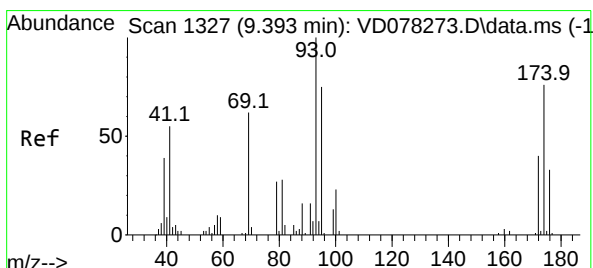
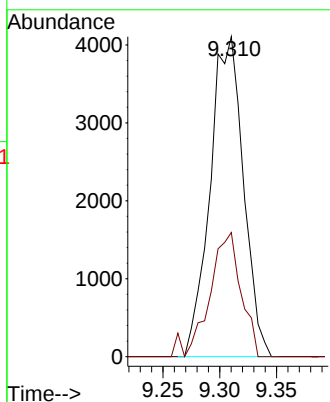
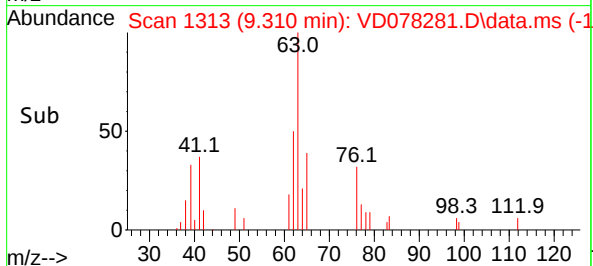
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 63 Resp: 836
Ion Ratio Lower Upper
63 100
65 38.8 24.5 36.7

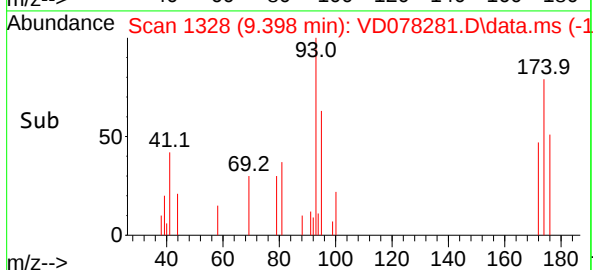
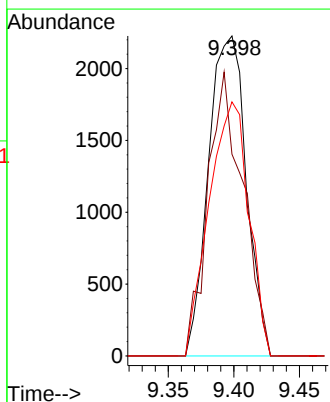
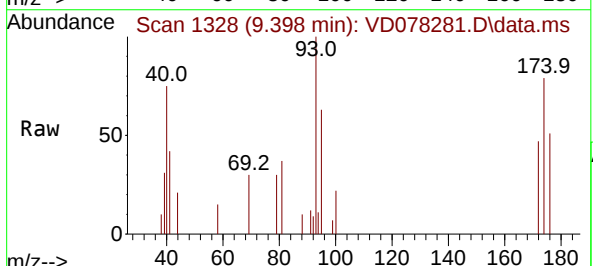
Manual Integrations
APPROVED

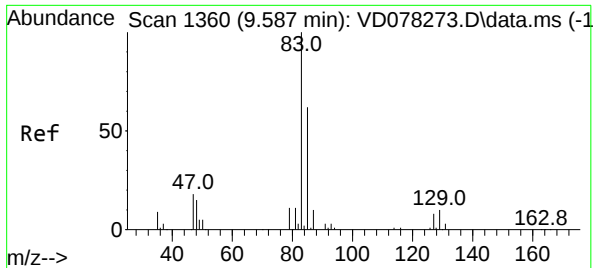
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#46
Dibromomethane
Concen: 5.030 ug/l
RT: 9.398 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

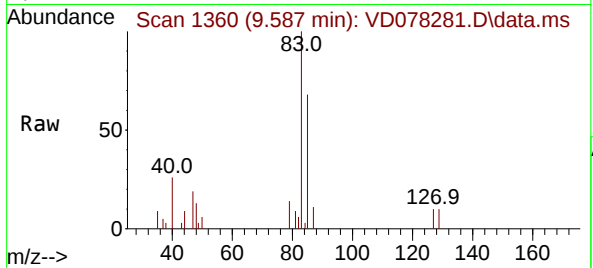
Tgt Ion: 93 Resp: 4464
Ion Ratio Lower Upper
93 100
95 82.4 67.7 101.5
174 83.5 85.4 128.2





#47
Bromodichloromethane
Concen: 5.067 ug/l
RT: 9.587 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

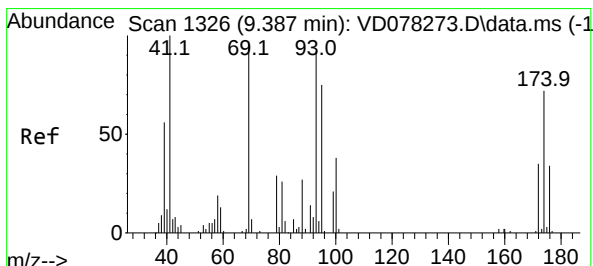
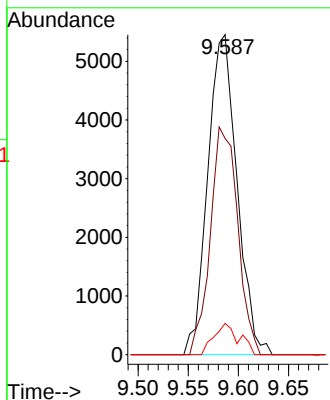
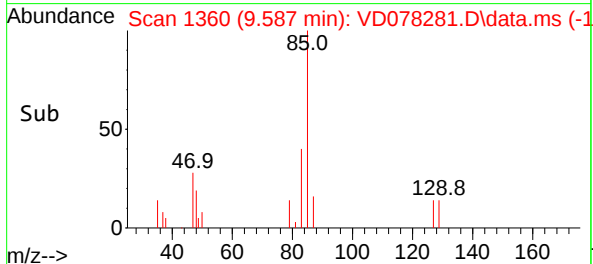
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 83 Resp: 1106
Ion Ratio Lower Upper
83 100
85 67.6 50.2 75.4
127 9.7 6.3 9.5

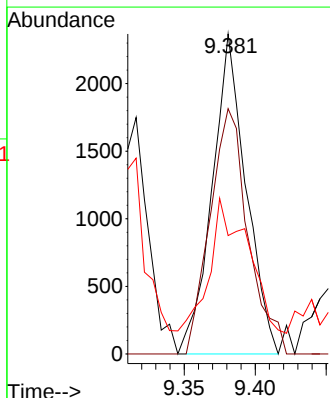
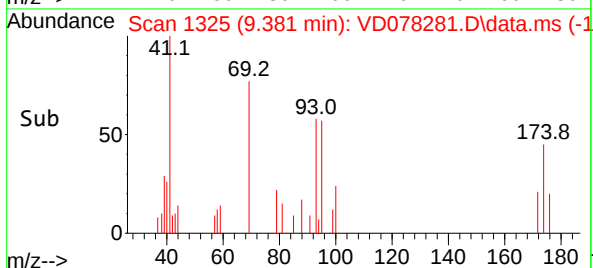
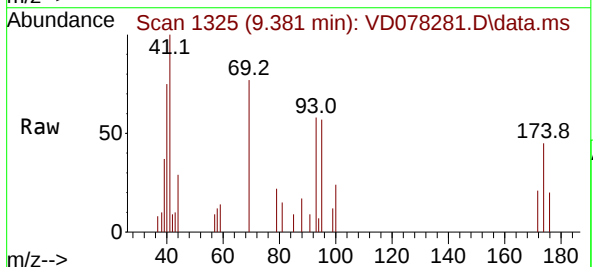
Manual Integrations
APPROVED

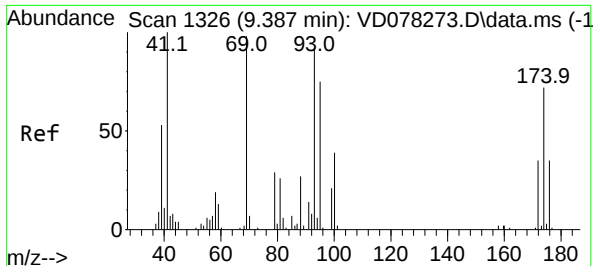
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#48
Methyl methacrylate
Concen: 5.299 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Tgt Ion: 41 Resp: 3918
Ion Ratio Lower Upper
41 100
69 86.3 102.2 153.2#
39 48.9 41.4 62.2





#49

1,4-Dioxane

Concen: 95.620 ug/l

RT: 9.369 min Scan# 11

Delta R.T. -0.018 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

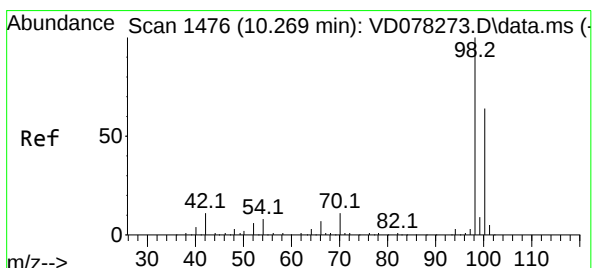
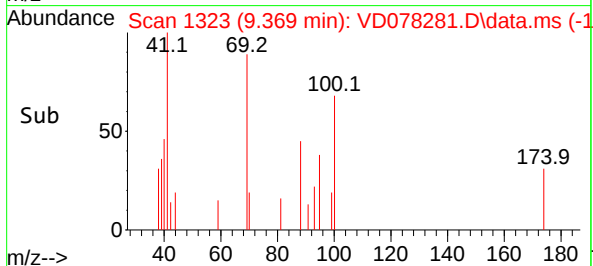
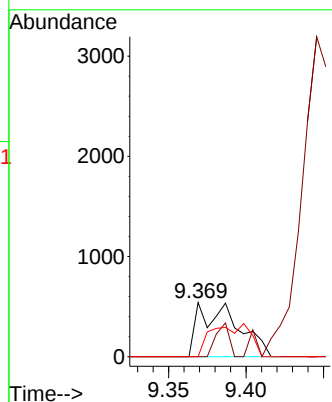
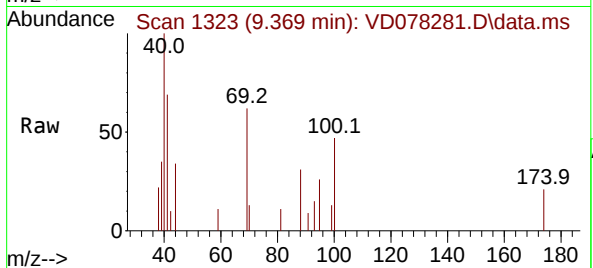
LOQ-SOIL-02-QT1-2024

Tgt Ion: 88 Resp: 952
 Ion Ratio Lower Upper
 88 100
 43 0.0 19.0 28.6
 58 0.0 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024



#50

Toluene-d8

Concen: 48.928 ug/l

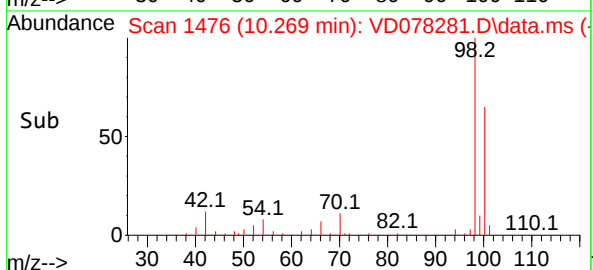
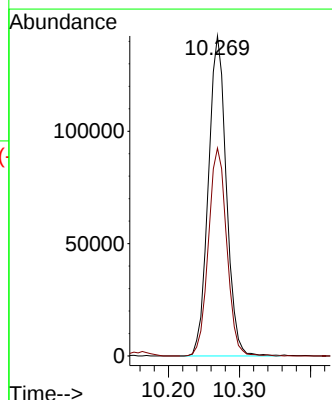
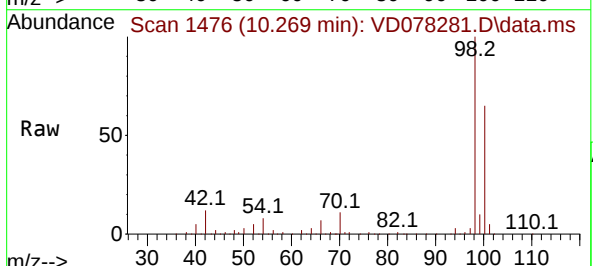
RT: 10.269 min Scan# 1476

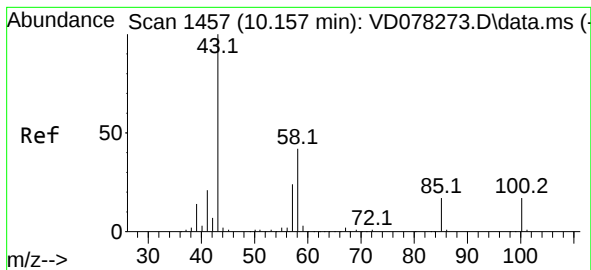
Delta R.T. 0.000 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

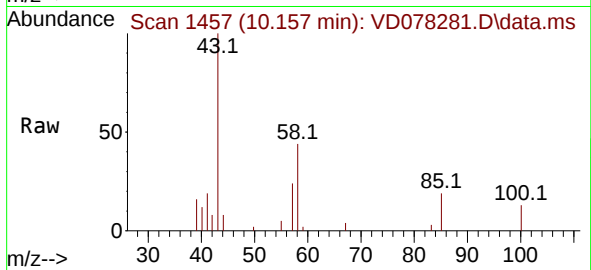
Tgt Ion: 98 Resp: 250483
 Ion Ratio Lower Upper
 98 100
 100 66.1 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 24.153 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

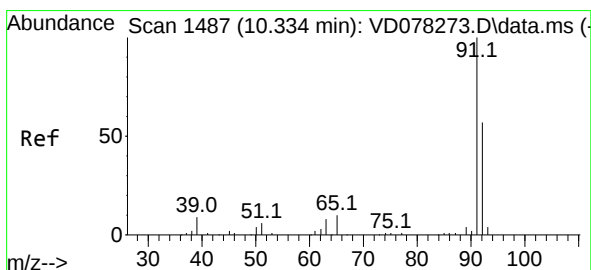
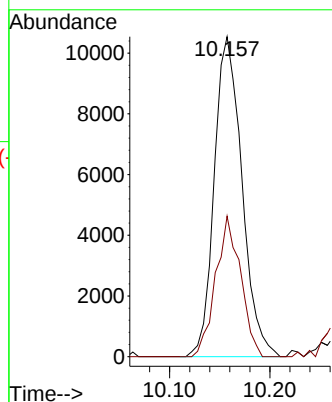
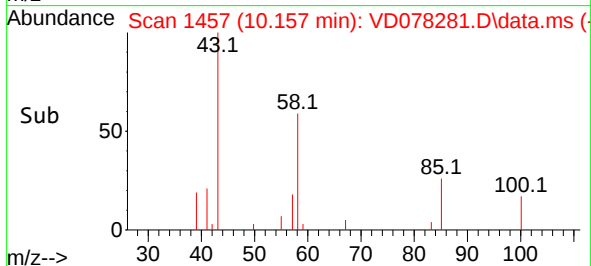
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 43 Resp: 20218
Ion Ratio Lower Upper
43 100
58 39.5 38.9 58.3

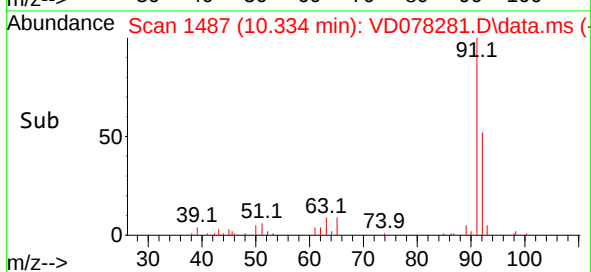
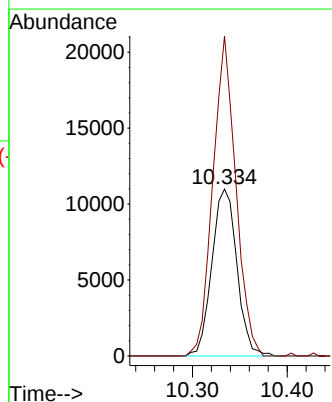
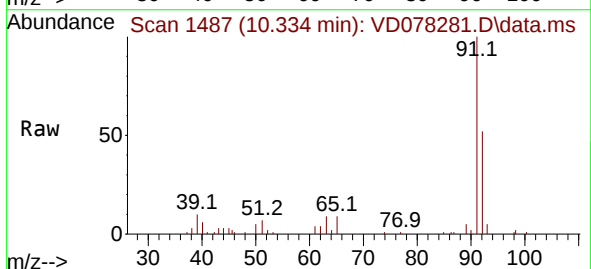
Manual Integrations
APPROVED

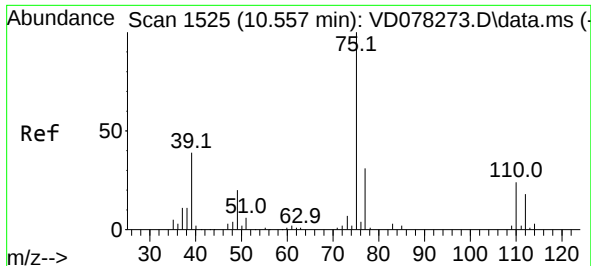
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#52
Toluene
Concen: 5.082 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

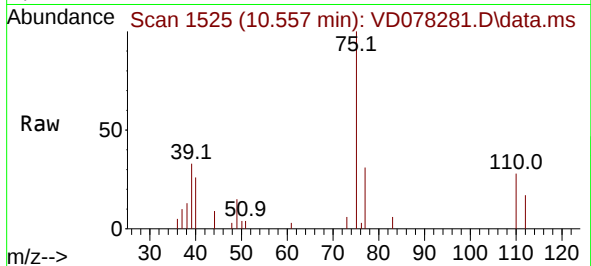
Tgt Ion: 92 Resp: 20166
Ion Ratio Lower Upper
92 100
91 176.0 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 5.147 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

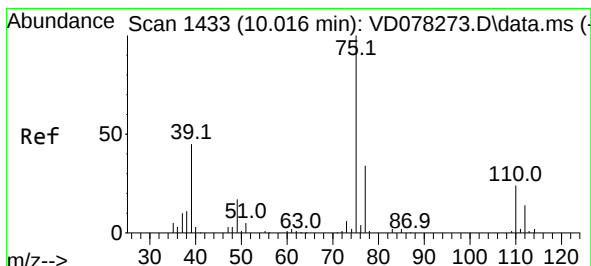
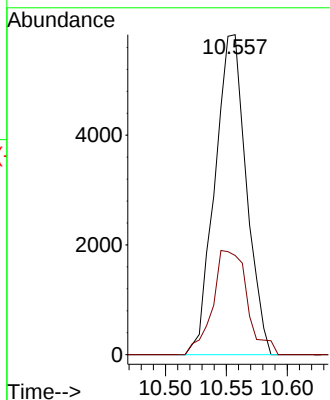
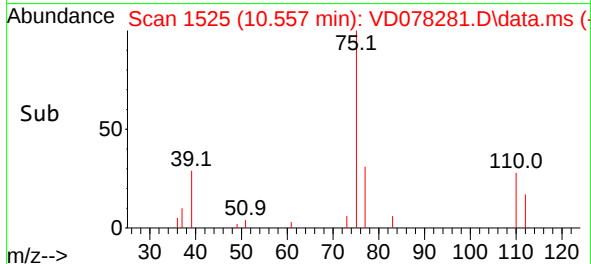
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 75 Resp: 10498
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9

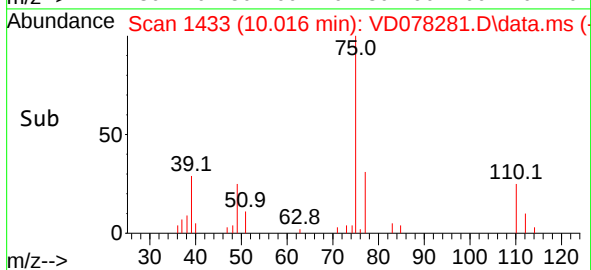
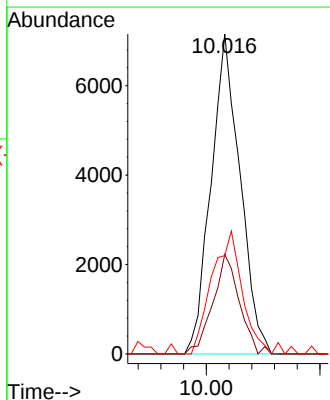
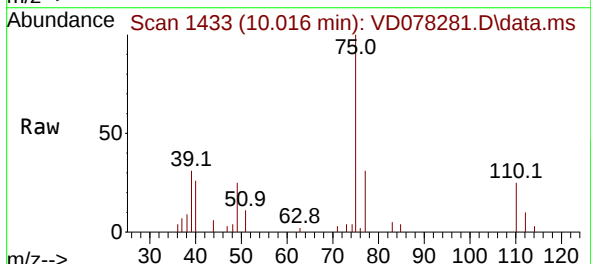
Manual Integrations
APPROVED

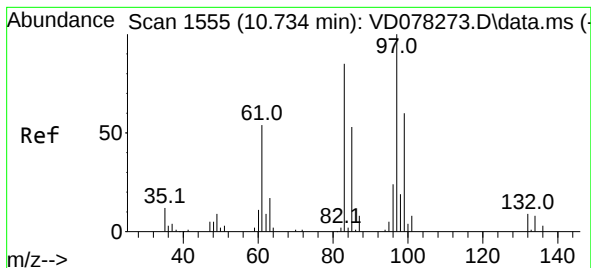
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#54
cis-1,3-Dichloropropene
Concen: 5.259 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

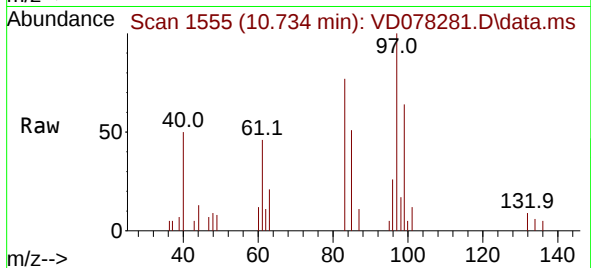
Tgt Ion: 75 Resp: 12698
Ion Ratio Lower Upper
75 100
77 31.1 25.5 38.3
39 30.7 22.1 33.1





#55
1,1,2-Trichloroethane
Concen: 5.242 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

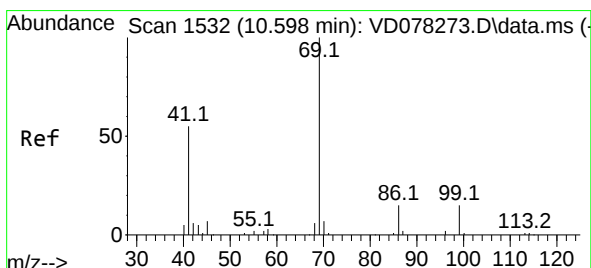
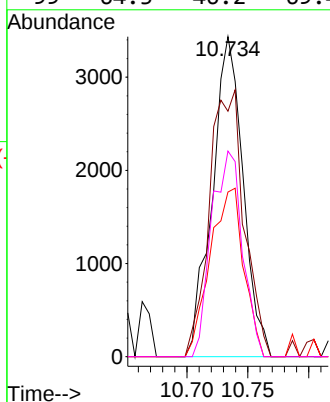
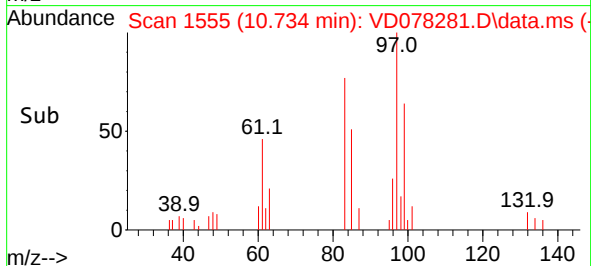
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2024



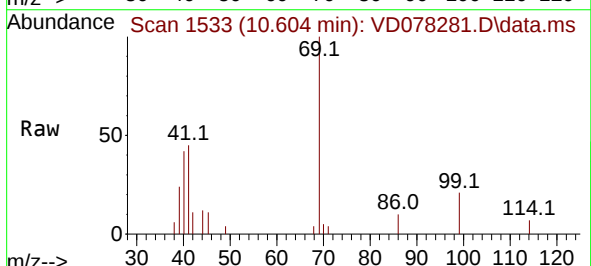
Tgt Ion	Ratio	Lower	Upper
97	100		
83	76.7	65.8	98.6
85	51.4	45.7	68.5
99	64.3	46.2	69.4

Manual Integrations
APPROVED

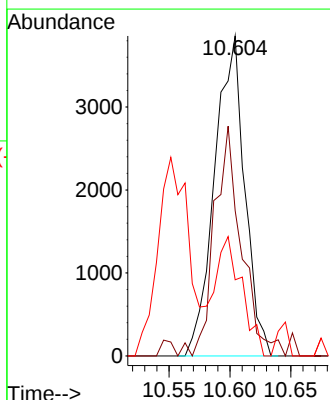
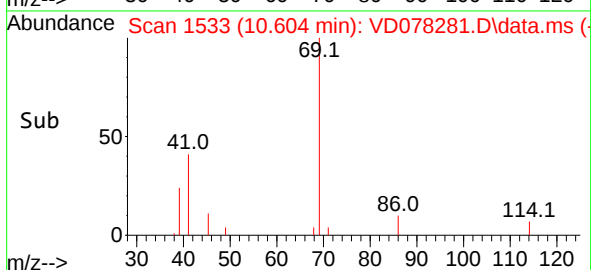
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

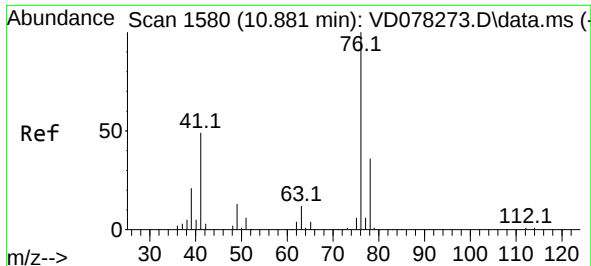


#56
Ethyl methacrylate
Concen: 5.047 ug/l
RT: 10.604 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21



Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.0	39.1	58.7#
39	35.1	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 5.432 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2024

Tgt Ion: 76 Resp: 10848

Ion Ratio Lower Upper

76 100

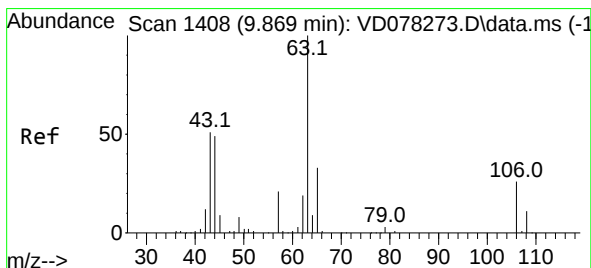
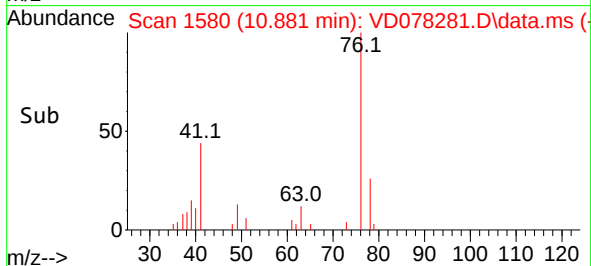
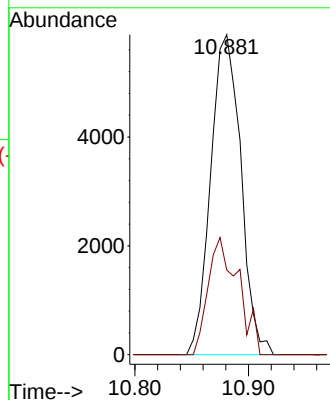
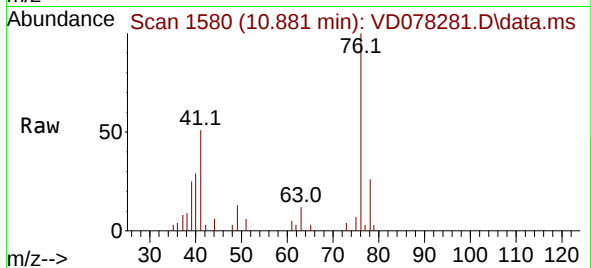
78 36.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#58

2-Chloroethyl Vinyl ether

Concen: 23.094 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078281.D

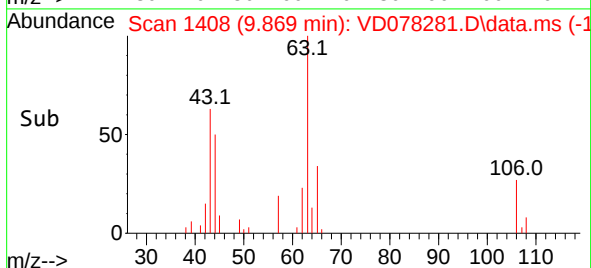
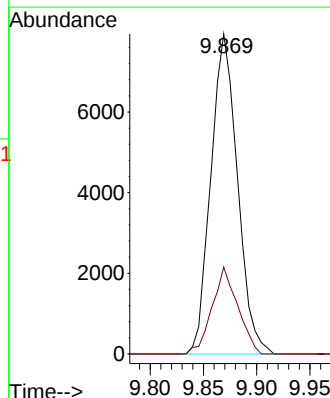
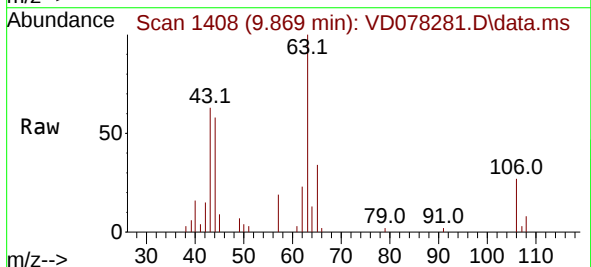
Acq: 30 Jan 2024 16:21

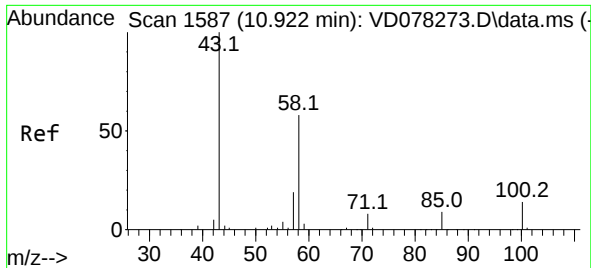
Tgt Ion: 63 Resp: 13797

Ion Ratio Lower Upper

63 100

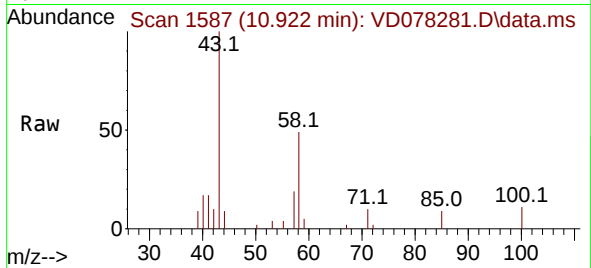
106 26.2 25.3 37.9





#59
2-Hexanone
Concen: 25.006 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

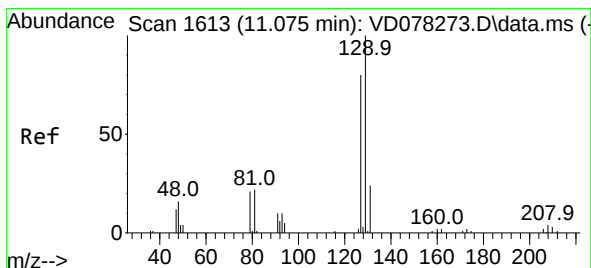
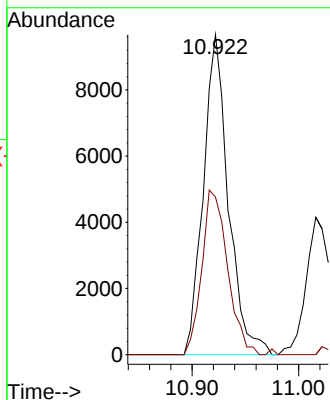
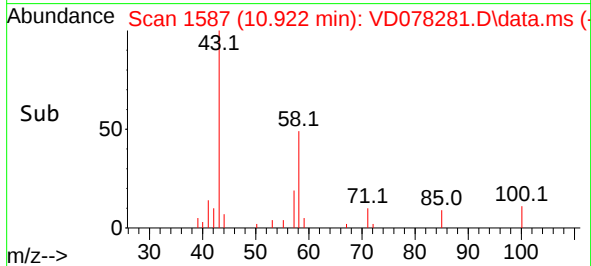
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 43 Resp: 15764
Ion Ratio Lower Upper
43 100
58 52.9 34.1 102.2

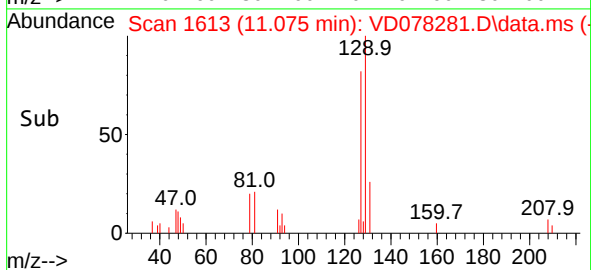
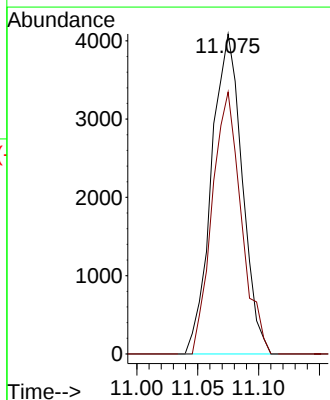
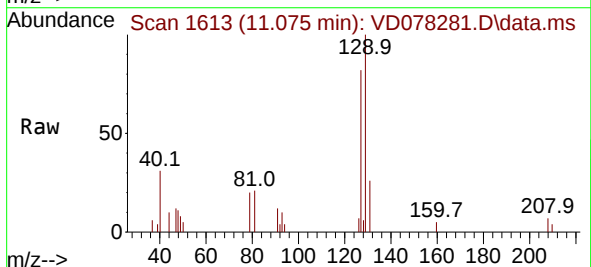
Manual Integrations
APPROVED

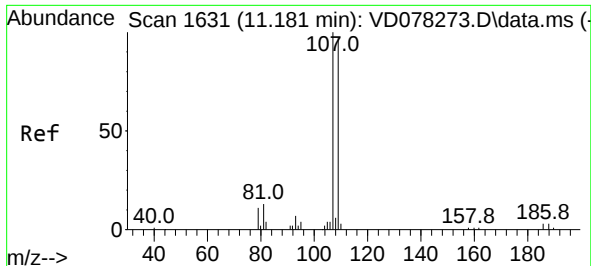
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#60
Dibromochloromethane
Concen: 5.322 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

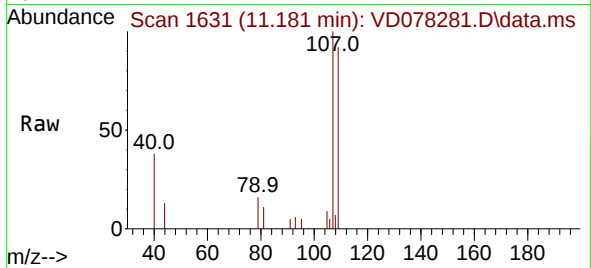
Tgt Ion:129 Resp: 7155
Ion Ratio Lower Upper
129 100
127 77.9 37.1 111.5





#61
1,2-Dibromoethane
Concen: 4.950 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

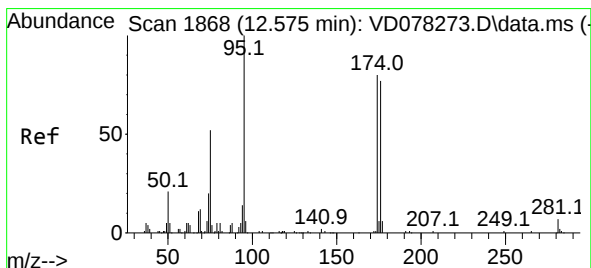
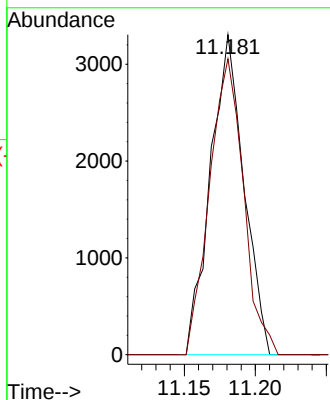
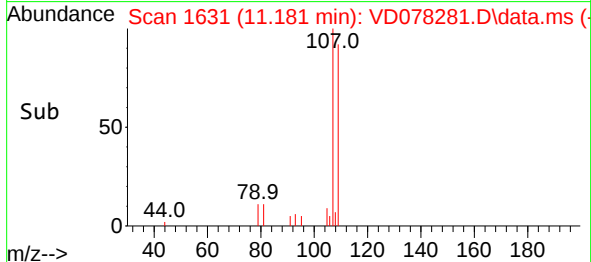
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion:107 Resp: 541
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4

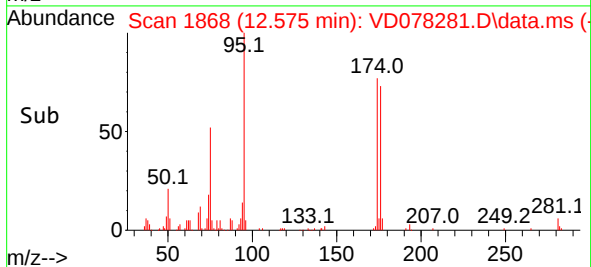
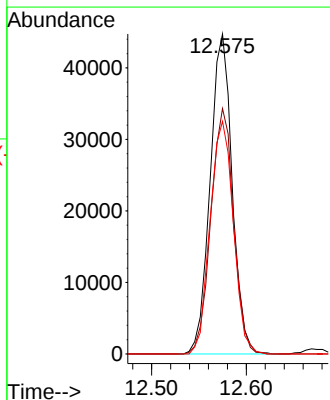
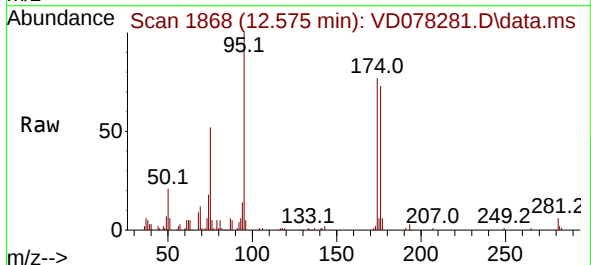
Manual Integrations
APPROVED

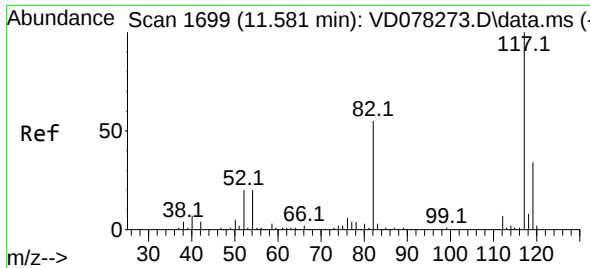
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#62
4-Bromofluorobenzene
Concen: 46.986 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

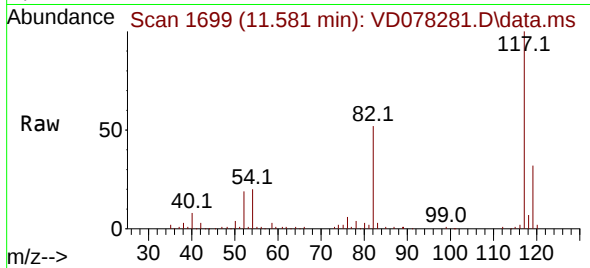
Tgt Ion: 95 Resp: 72036
Ion Ratio Lower Upper
95 100
174 79.2 0.0 201.8
176 77.0 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

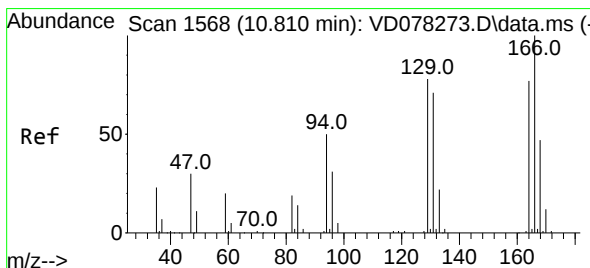
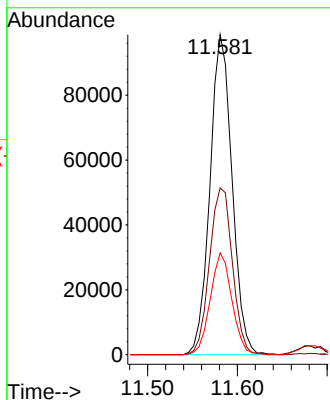
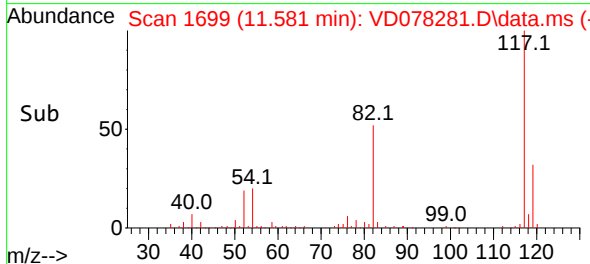
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2024



Tgt Ion:117 Resp: 168880
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 31.8 25.0 37.4

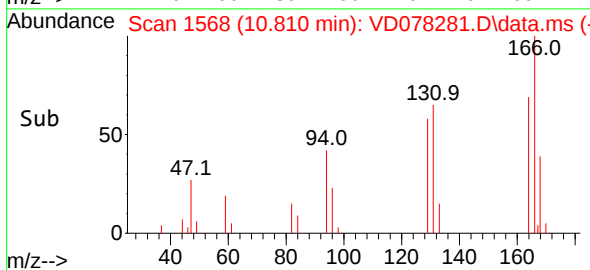
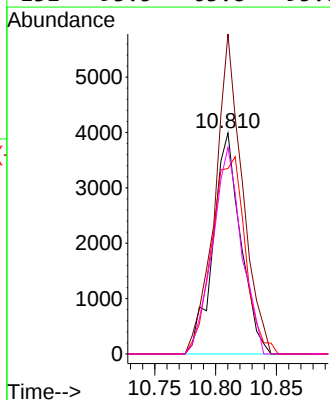
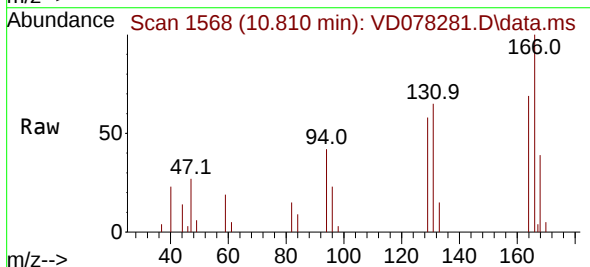
Manual Integrations
APPROVED

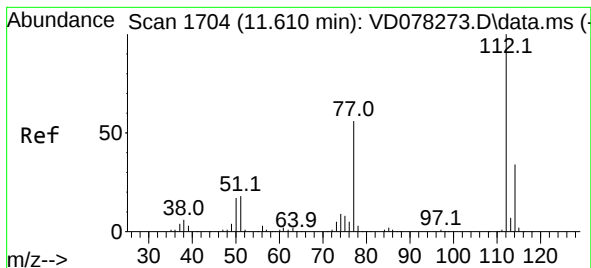
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#64
Tetrachloroethene
Concen: 5.341 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

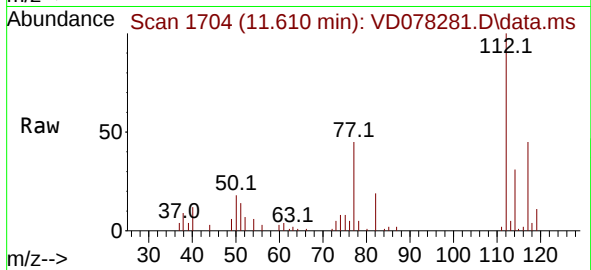
Tgt Ion:164 Resp: 6291
Ion Ratio Lower Upper
164 100
166 144.8 99.2 148.8
129 83.9 68.4 102.6
131 93.5 63.8 95.8





#65
Chlorobenzene
Concen: 5.524 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

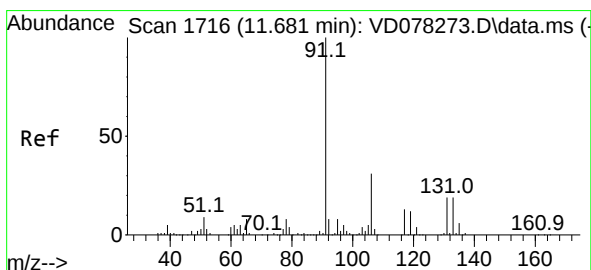
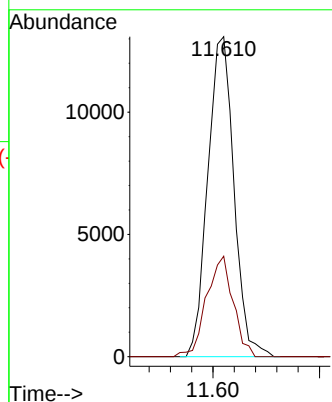
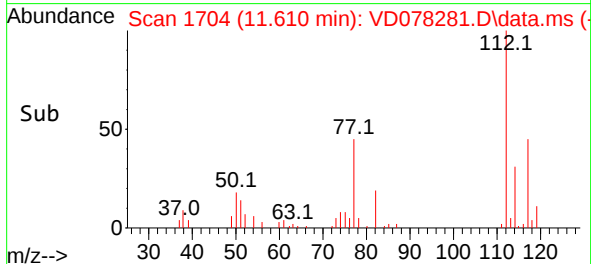
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



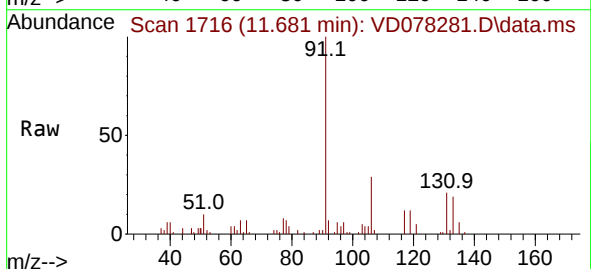
Tgt Ion:112 Resp: 2231
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7

Manual Integrations
APPROVED

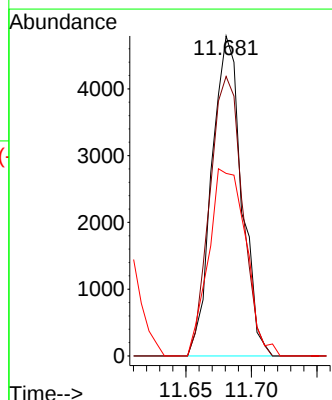
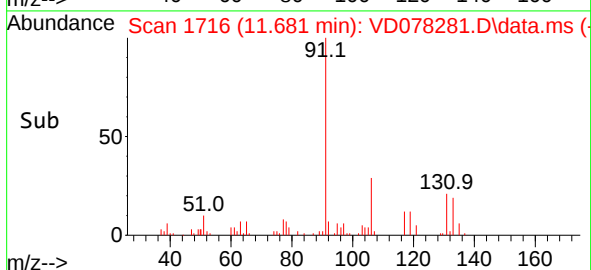
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

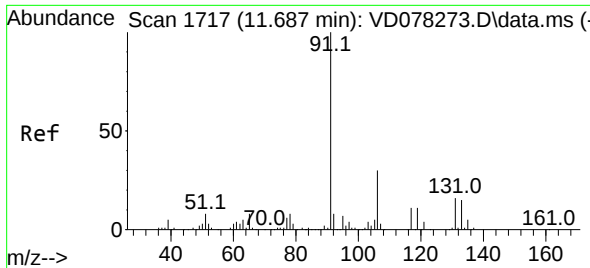


#66
1,1,1,2-Tetrachloroethane
Concen: 5.273 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21



Tgt Ion:131 Resp: 7585
Ion Ratio Lower Upper
131 100
133 95.0 48.5 145.5
119 73.1 35.6 106.9





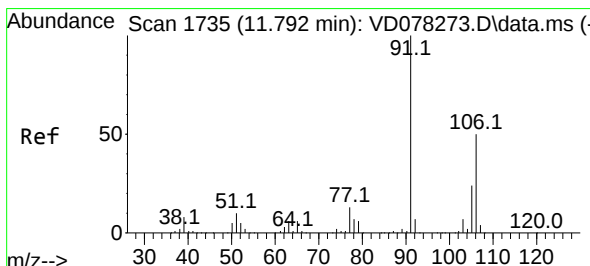
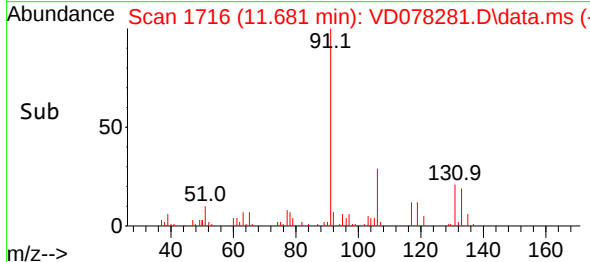
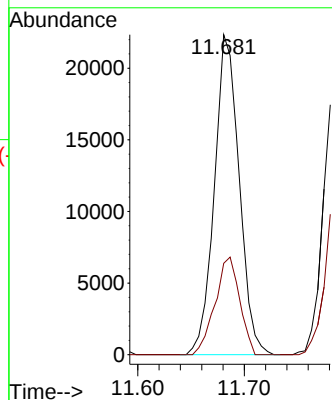
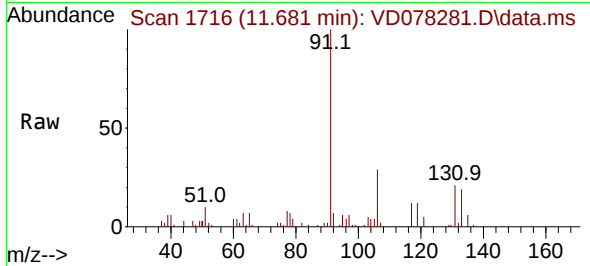
#67
Ethyl Benzene
Concen: 4.926 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

Tgt Ion: 91 Resp: 36052
Ion Ratio Lower Upper
91 100
106 28.6 26.5 39.7

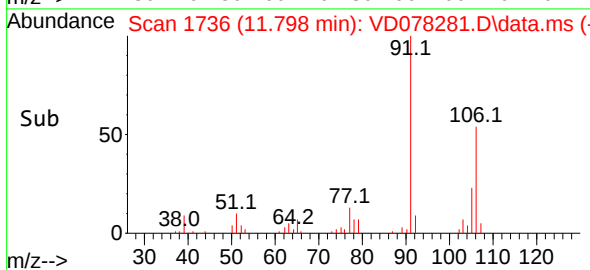
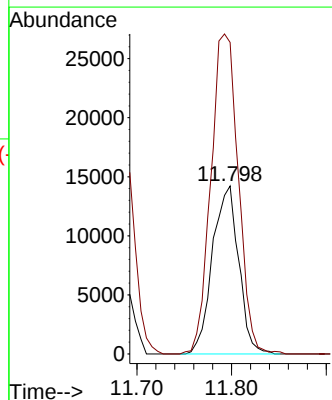
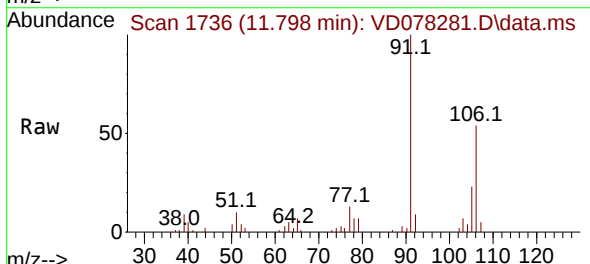
Manual Integrations
APPROVED

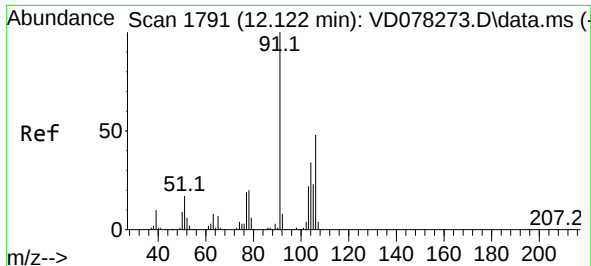
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#68
m/p-Xylenes
Concen: 9.705 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Tgt Ion:106 Resp: 27327
Ion Ratio Lower Upper
106 100
91 199.6 147.0 220.6





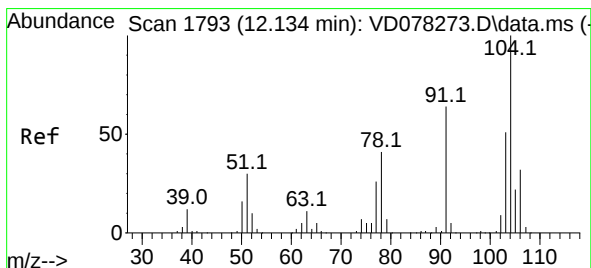
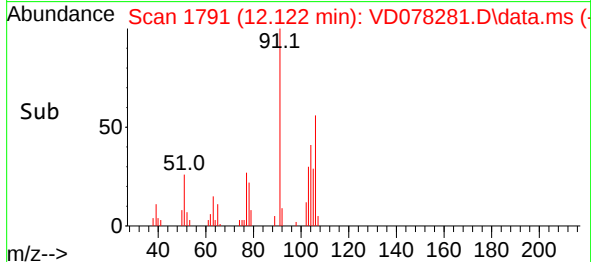
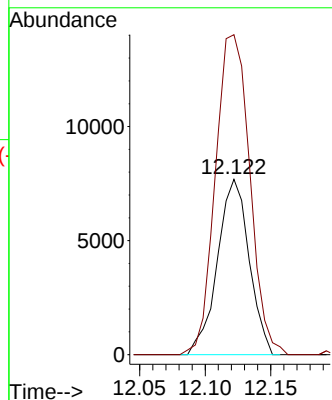
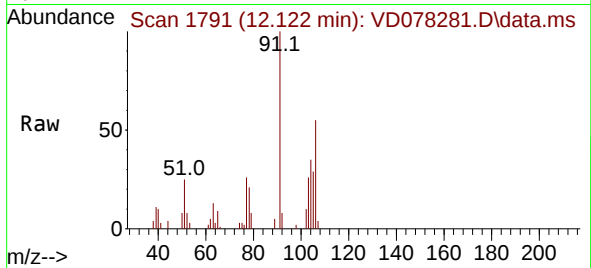
#69
o-Xylene
Concen: 4.989 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

Tgt Ion:106 Resp: 12910
Ion Ratio Lower Upper
106 100
91 197.9 97.9 293.6

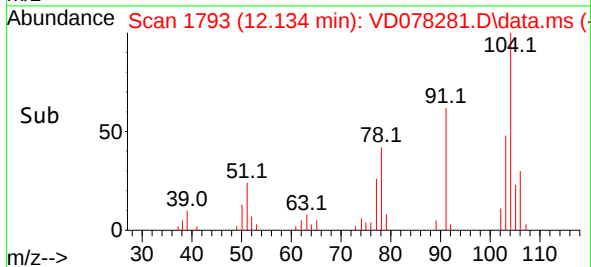
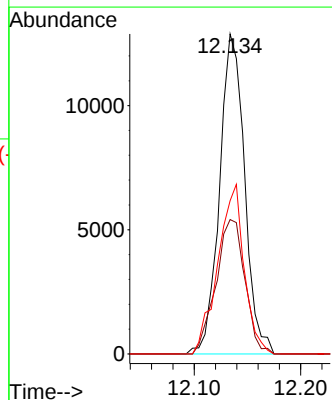
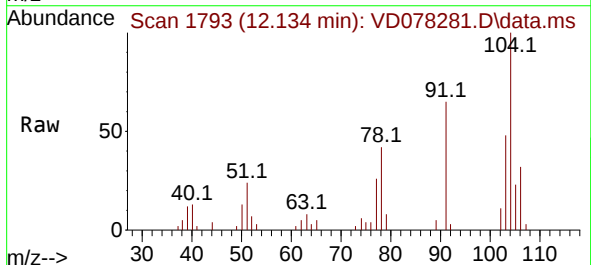
Manual Integrations
APPROVED

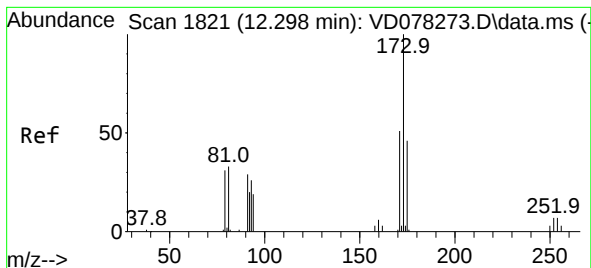
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#70
Styrene
Concen: 4.759 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Tgt Ion:104 Resp: 21030
Ion Ratio Lower Upper
104 100
78 48.6 33.2 49.8
103 55.6 43.6 65.4





#71

Bromoform

Concen: 5.045 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078281.D

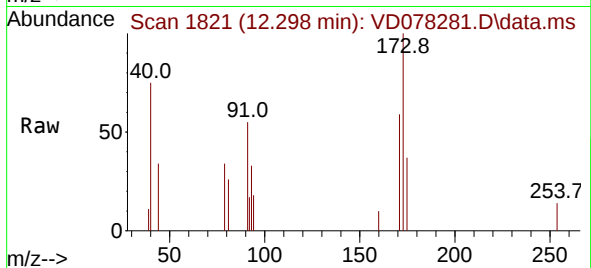
Acq: 30 Jan 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2024

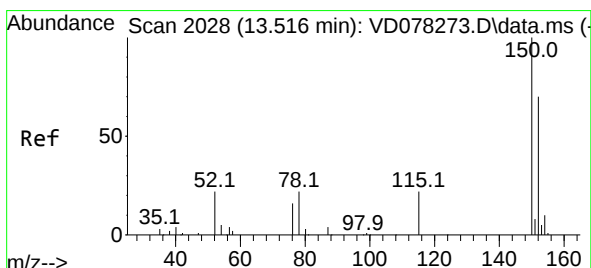
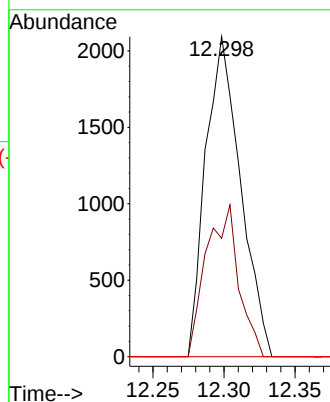
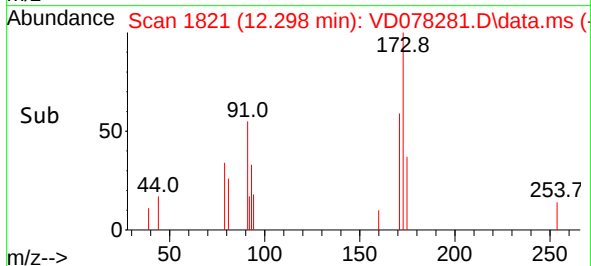


Tgt Ion:173	Resp:	3574
Ion Ratio	Lower	Upper
173	100	
175	44.0	24.6 73.8
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

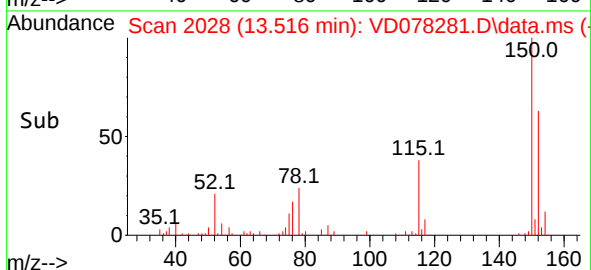
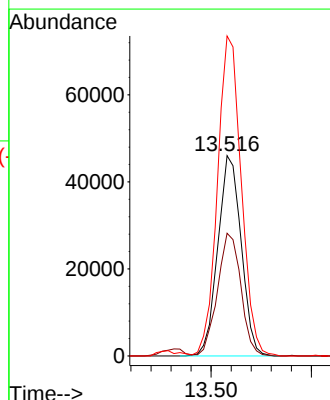
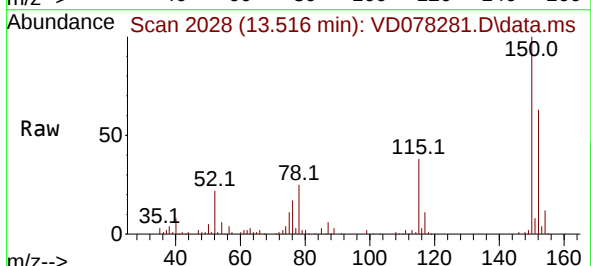
RT: 13.516 min Scan# 2028

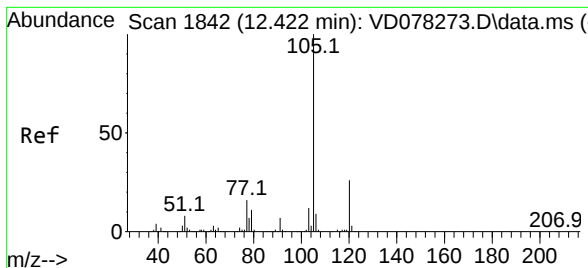
Delta R.T. 0.000 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

Tgt Ion:152	Resp:	74456
Ion Ratio	Lower	Upper
152	100	
115	61.2	27.1 81.3
150	162.6	0.0 353.6





#73

Isopropylbenzene

Concen: 5.255 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2024

Tgt Ion:105 Resp: 3310

Ion Ratio Lower Upper

105 100

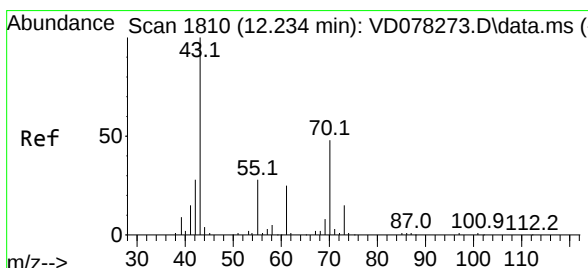
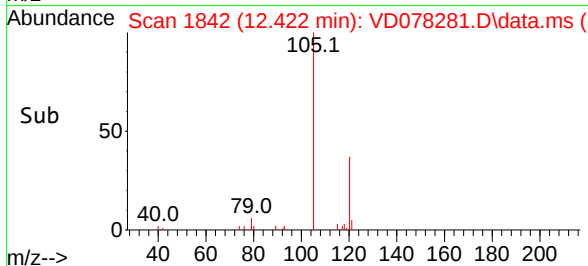
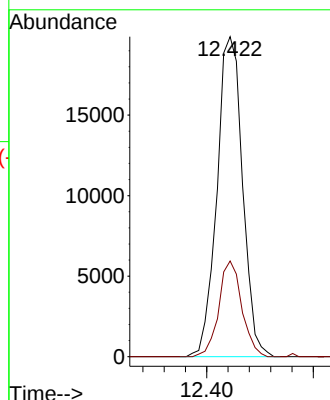
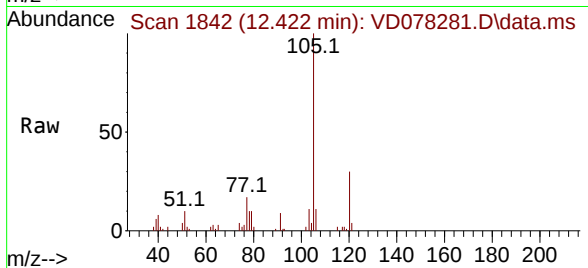
120 26.9 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#74

N-ethyl acetate

Concen: 5.235 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

Tgt Ion: 43 Resp: 6820

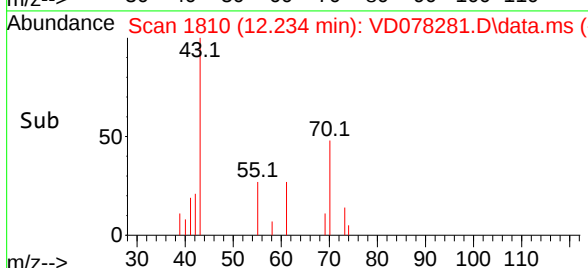
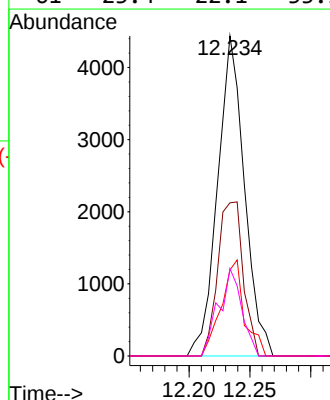
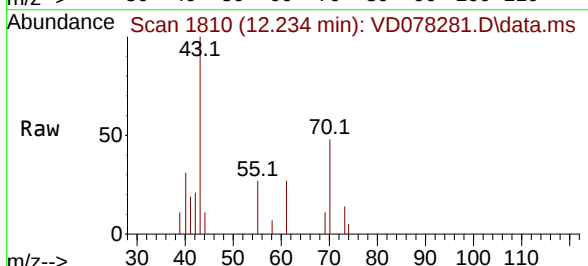
Ion Ratio Lower Upper

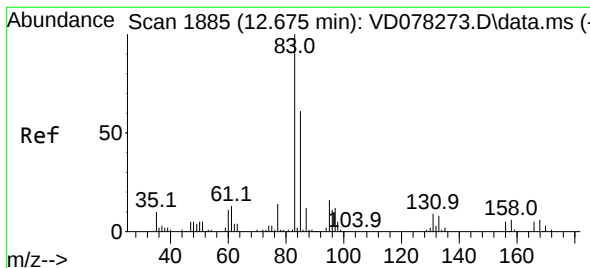
43 100

70 45.6 45.0 67.4

55 25.8 23.8 35.6

61 23.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.575 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

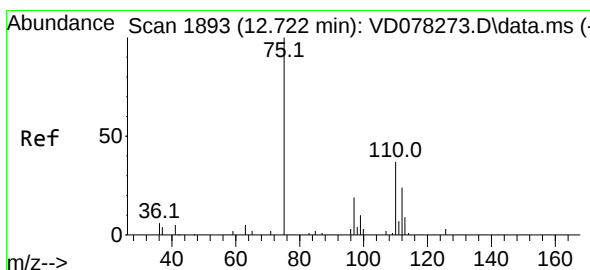
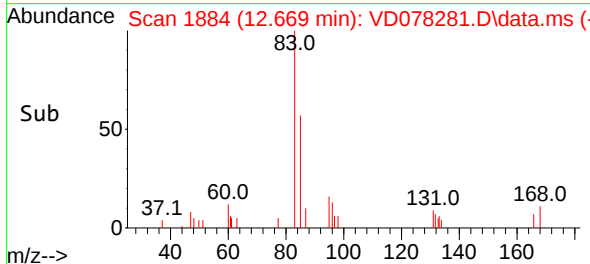
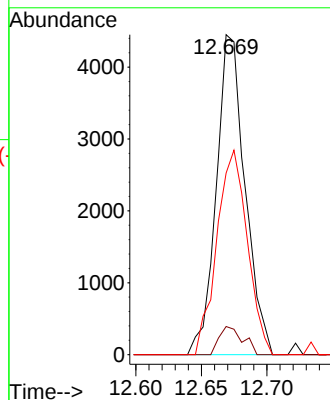
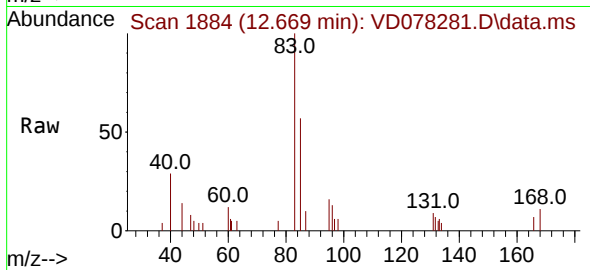
LOQ-SOIL-02-QT1-2024

Tgt Ion: 83 Resp: 6782
 Ion Ratio Lower Upper
 83 100
 131 7.2 5.1 15.3
 85 67.8 32.6 97.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024



#76

1,2,3-Trichloropropane

Concen: 6.264 ug/l m

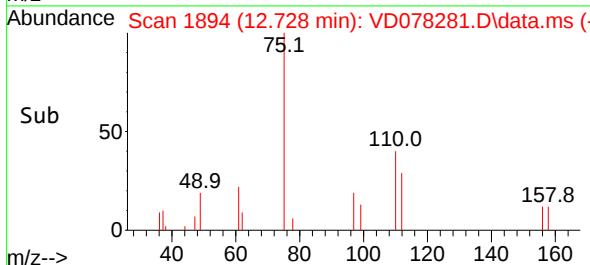
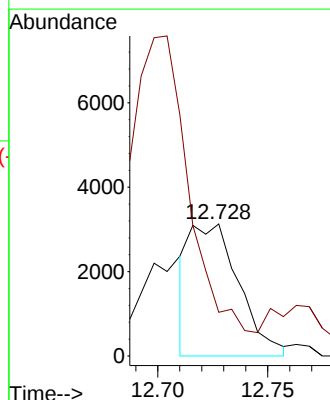
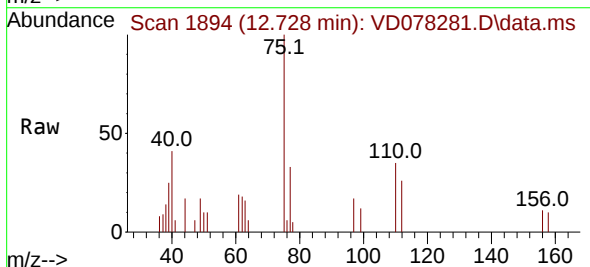
RT: 12.728 min Scan# 1894

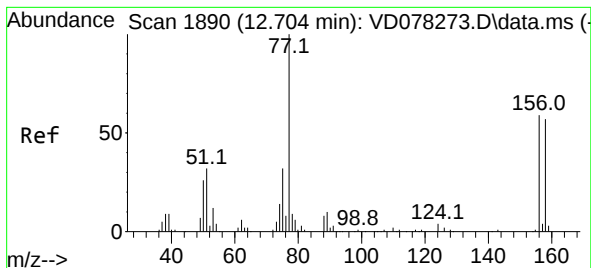
Delta R.T. 0.006 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

Tgt Ion: 75 Resp: 4875
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.372 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

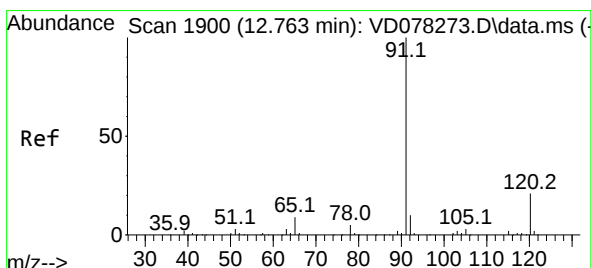
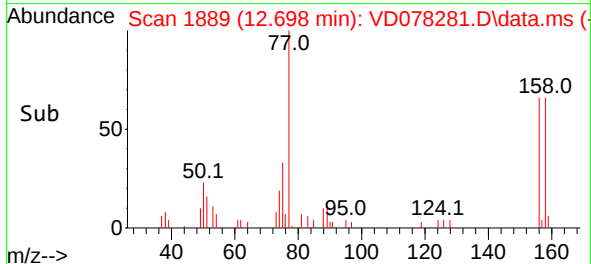
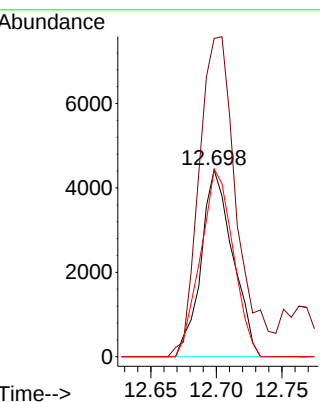
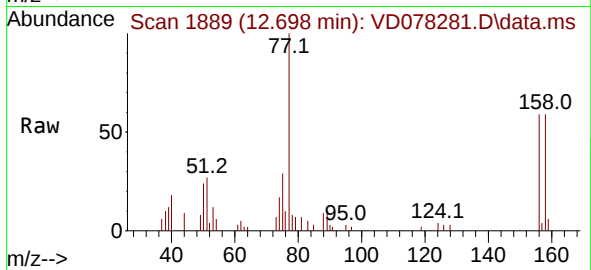
LOQ-SOIL-02-QT1-2024

Tgt Ion:	156	Resp:	744
Ion Ratio	Lower	Upper	
156	100		
77	202.7	76.8	230.4
158	103.2	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#78

n-propylbenzene

Concen: 5.476 ug/l

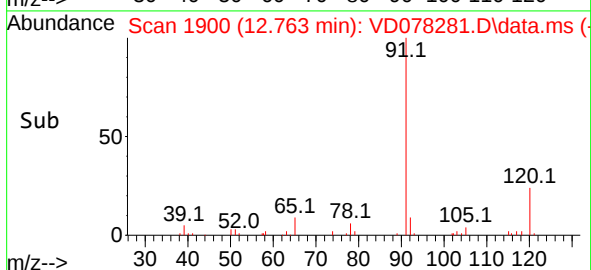
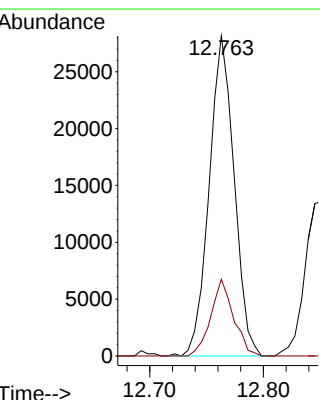
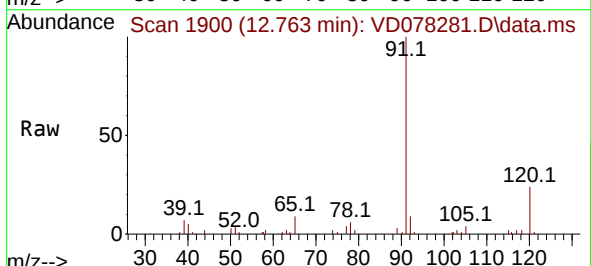
RT: 12.763 min Scan# 1900

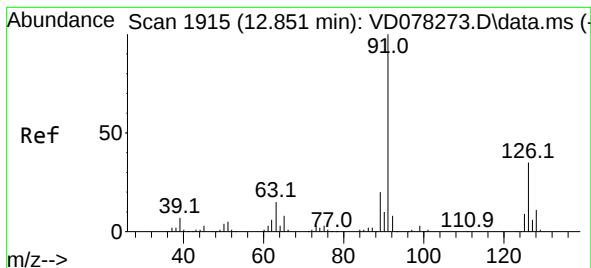
Delta R.T. 0.000 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

Tgt Ion:	91	Resp:	42972
Ion Ratio	Lower	Upper	
91	100		
120	21.9	12.4	37.2





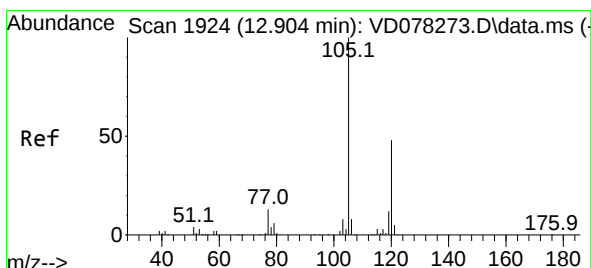
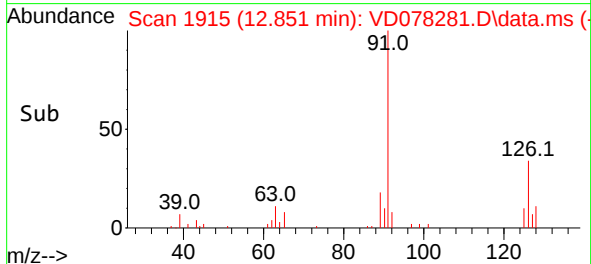
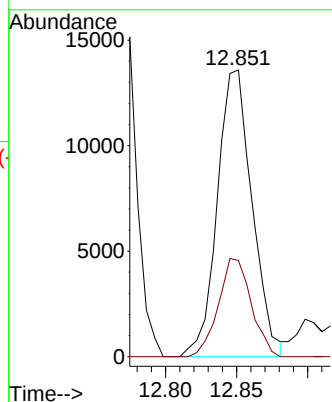
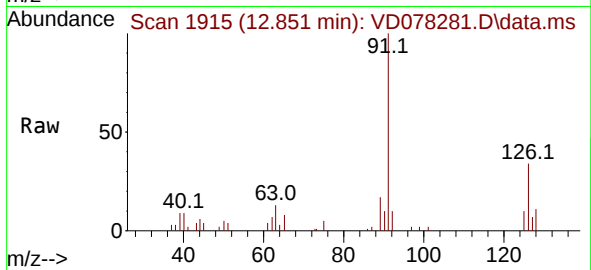
#79
2-Chlorotoluene
Concen: 5.513 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

Tgt Ion: 91 Resp: 2315
Ion Ratio Lower Upper
91 100
126 32.3 19.4 58.1

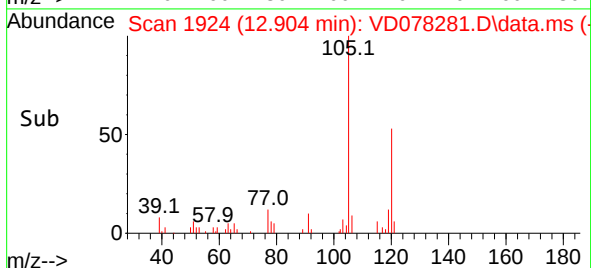
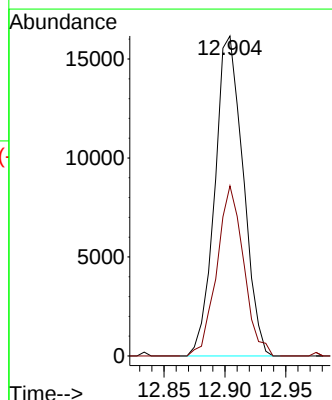
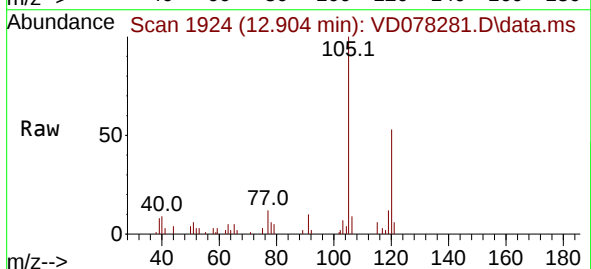
Manual Integrations
APPROVED

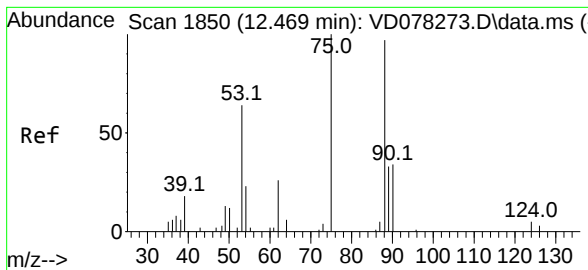
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#80
1,3,5-Trimethylbenzene
Concen: 5.104 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

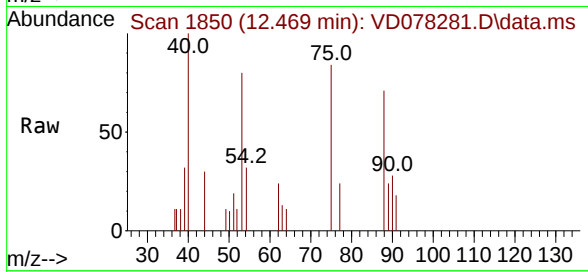
Tgt Ion:105 Resp: 26159
Ion Ratio Lower Upper
105 100
120 50.4 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 5.313 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

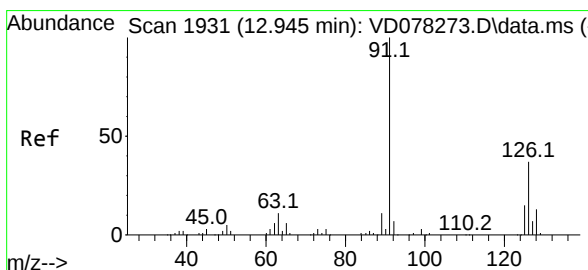
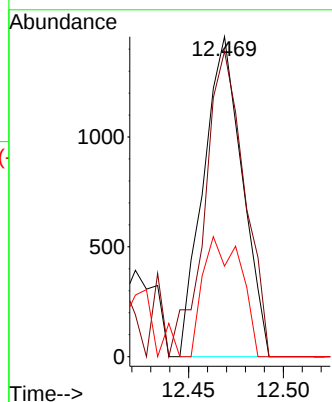
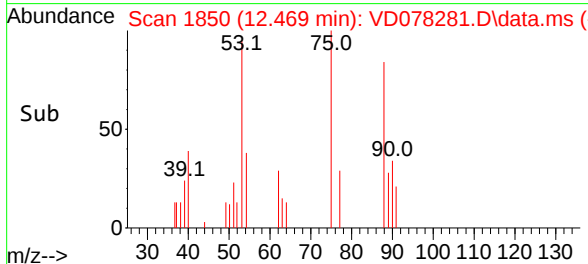
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2024



Tgt Ion: 75 Resp: 2079
Ion Ratio Lower Upper
75 100
53 97.4 63.0 94.4
89 36.4 37.9 56.9

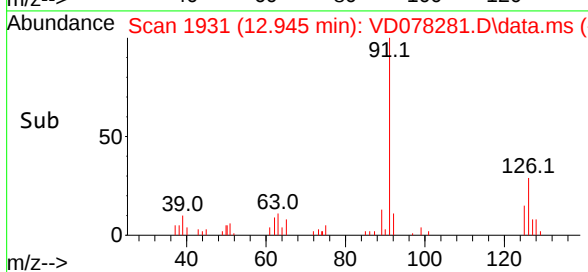
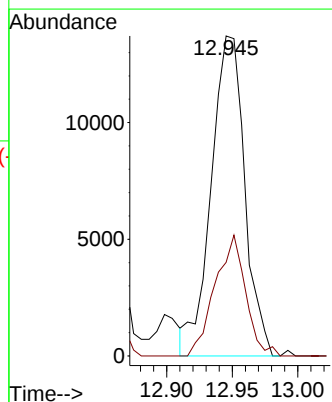
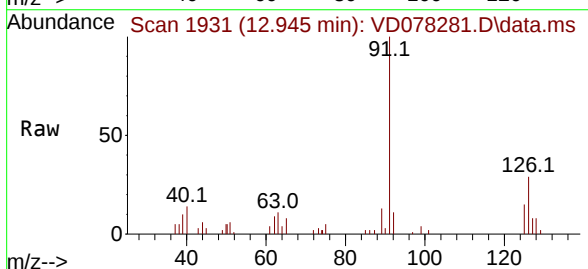
Manual Integrations
APPROVED

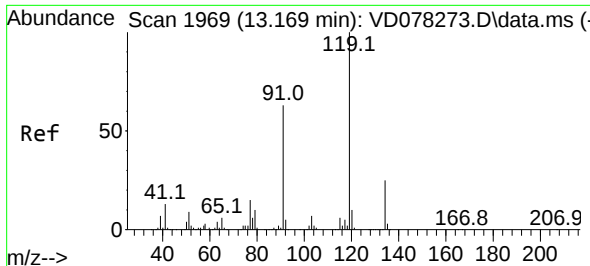
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#82
4-Chlorotoluene
Concen: 5.449 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Tgt Ion: 91 Resp: 24401
Ion Ratio Lower Upper
91 100
126 34.4 19.4 58.4





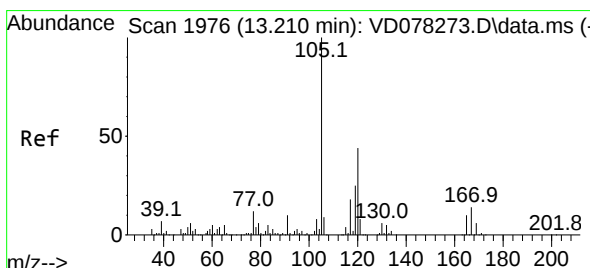
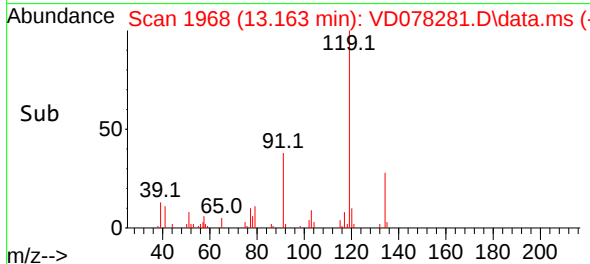
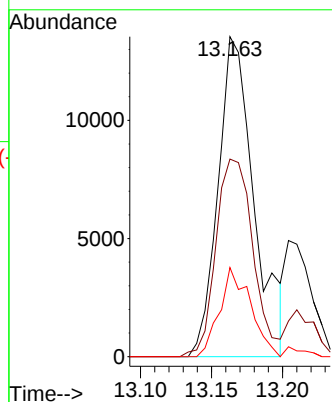
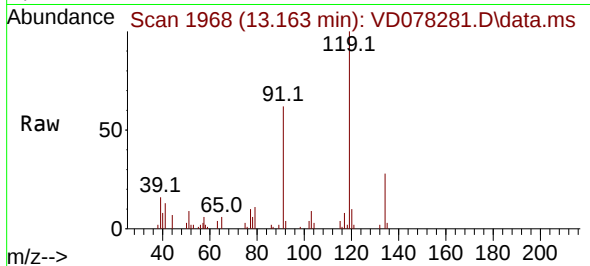
#83
tert-Butylbenzene
Concen: 5.477 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2024

Tgt Ion:119 Resp: 23949
Ion Ratio Lower Upper
119 100
91 63.5 29.3 87.8
134 23.9 14.1 42.3

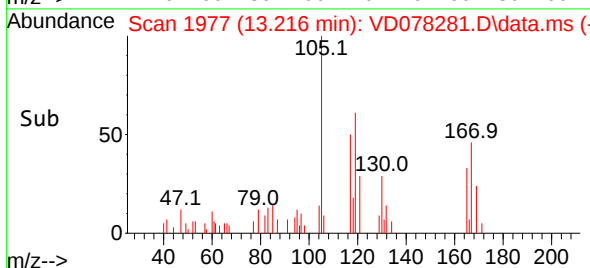
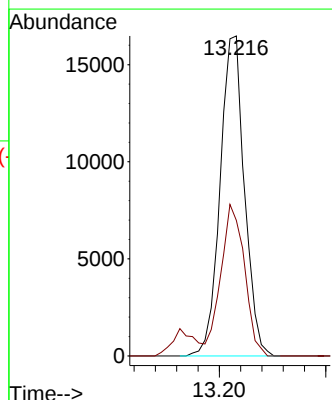
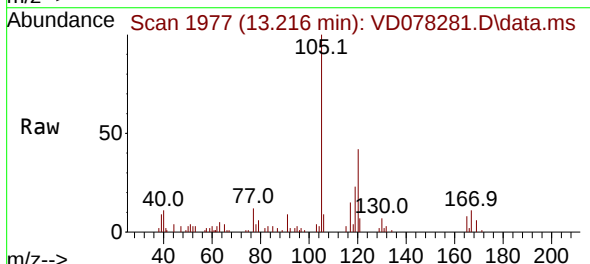
Manual Integrations
APPROVED

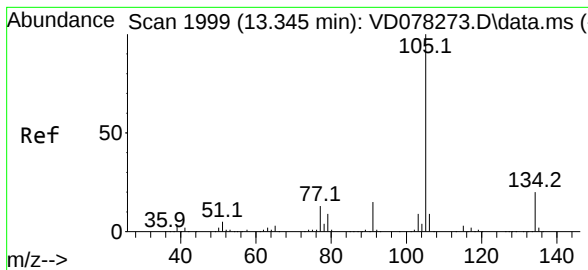
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#84
1,2,4-Trimethylbenzene
Concen: 5.024 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

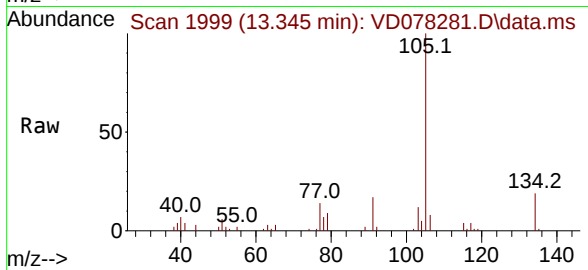
Tgt Ion:105 Resp: 26050
Ion Ratio Lower Upper
105 100
120 46.1 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 4.907 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078281.D
 Acq: 30 Jan 2024 16:21

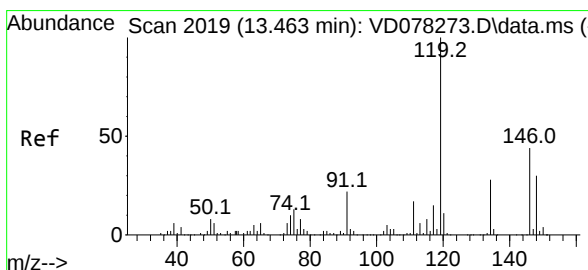
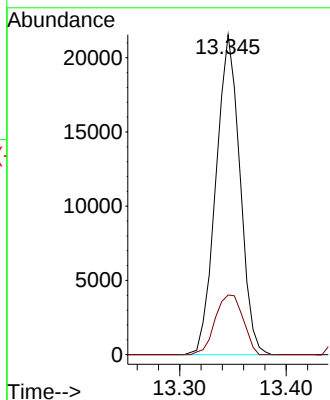
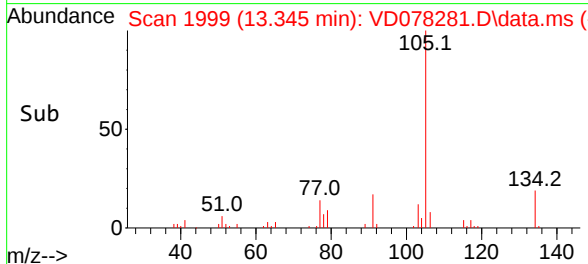
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2024



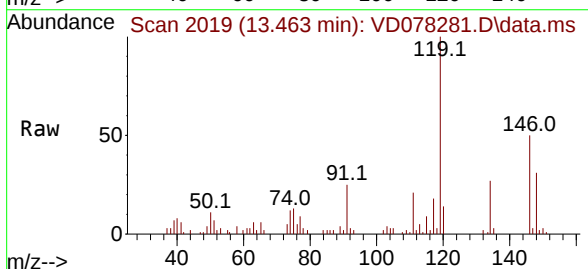
Tgt Ion:105 Resp: 33678
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.9 32.9

Manual Integrations
 APPROVED

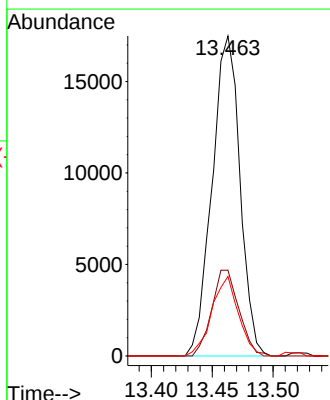
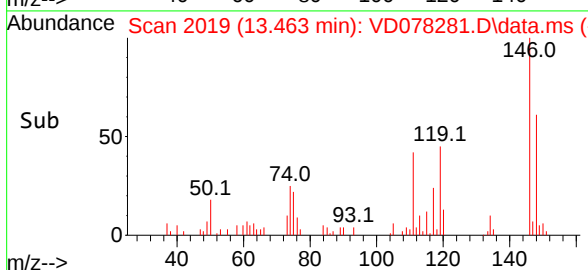
Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024

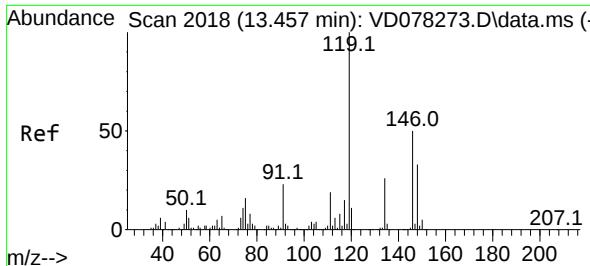


#86
 p-Isopropyltoluene
 Concen: 4.950 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078281.D
 Acq: 30 Jan 2024 16:21



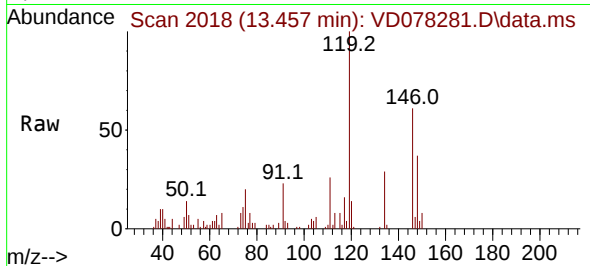
Tgt Ion:119 Resp: 27828
 Ion Ratio Lower Upper
 119 100
 134 26.2 14.2 42.6
 91 23.7 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 5.552 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

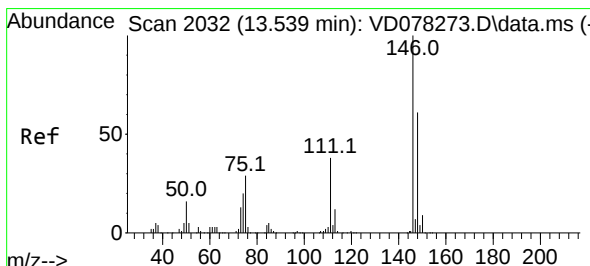
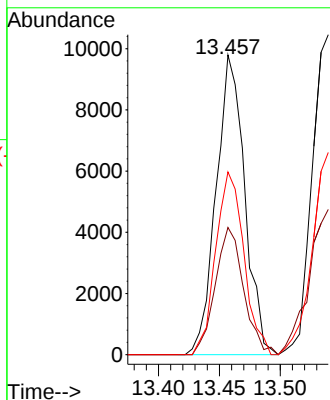
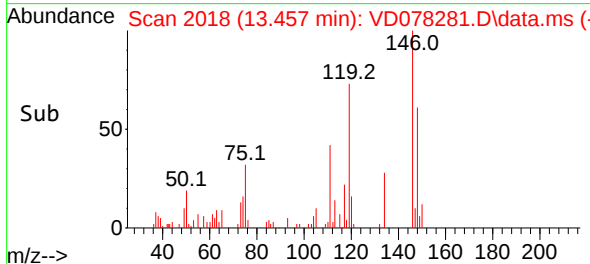
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion:146 Resp: 15989
Ion Ratio Lower Upper
146 100
111 42.2 17.9 53.8
148 60.3 32.3 96.8

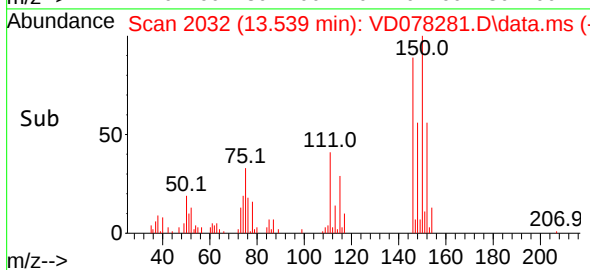
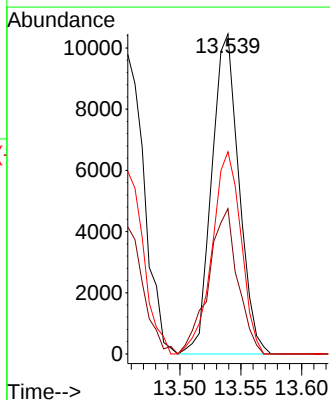
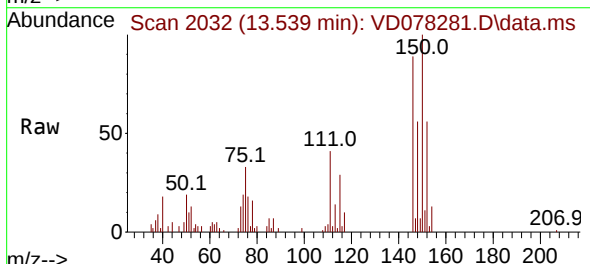
Manual Integrations
APPROVED

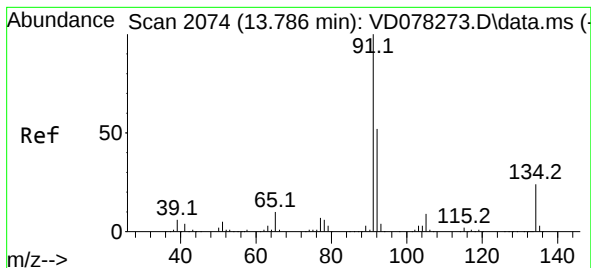
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#88
1,4-Dichlorobenzene
Concen: 5.704 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Tgt Ion:146 Resp: 16253
Ion Ratio Lower Upper
146 100
111 48.9 17.4 52.3
148 67.3 31.7 95.1





#89

n-Butylbenzene

Concen: 5.158 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

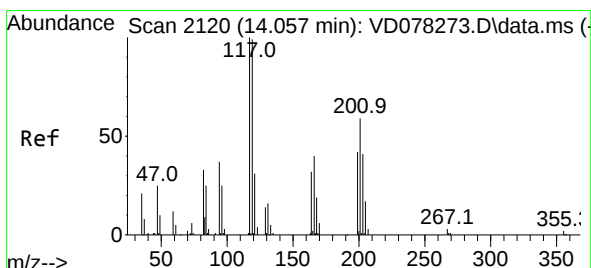
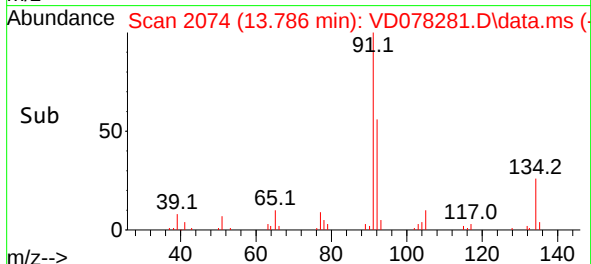
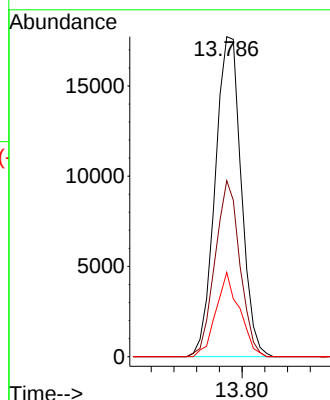
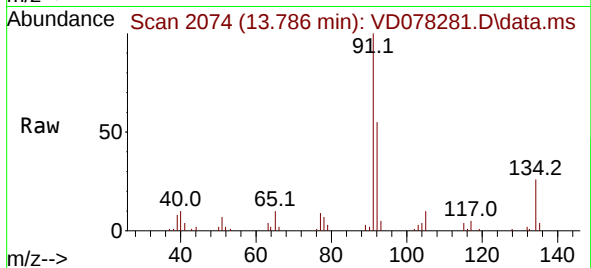
LOQ-SOIL-02-QT1-2024

Tgt Ion: 91	Resp: 2825
Ion Ratio	Lower Upper
91 100	
92 52.4	26.5 79.5
134 23.8	13.8 41.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#90

Hexachloroethane

Concen: 6.165 ug/l

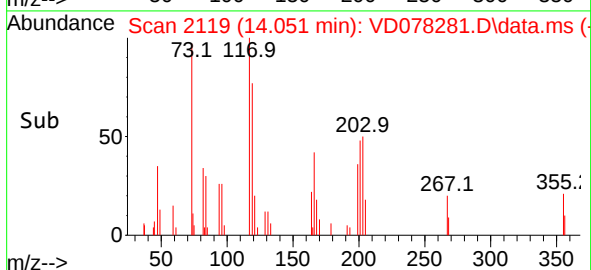
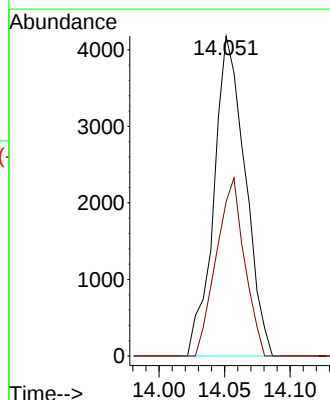
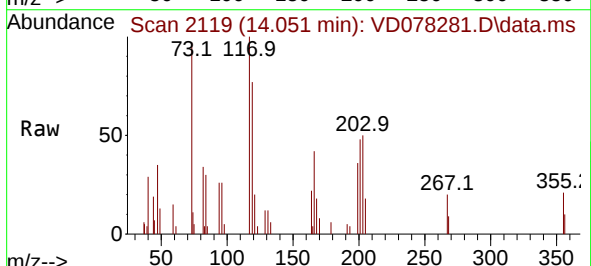
RT: 14.051 min Scan# 2119

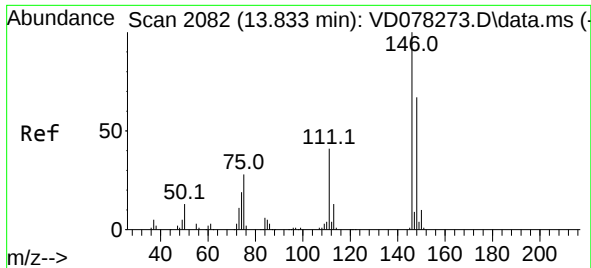
Delta R.T. -0.006 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

Tgt Ion: 117	Resp: 6922
Ion Ratio	Lower Upper
117 100	
201 50.1	38.5 115.5





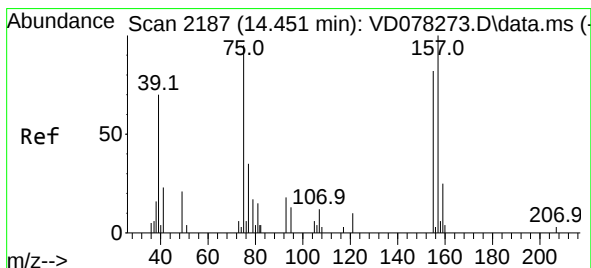
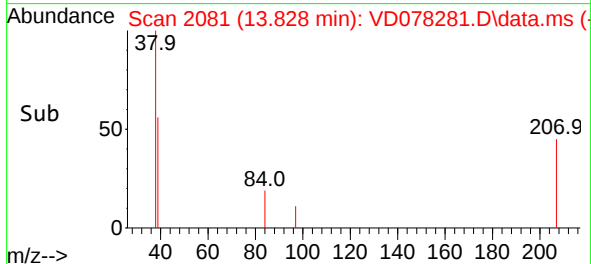
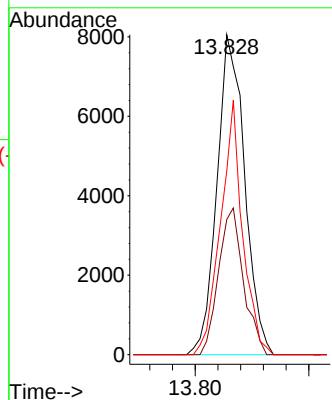
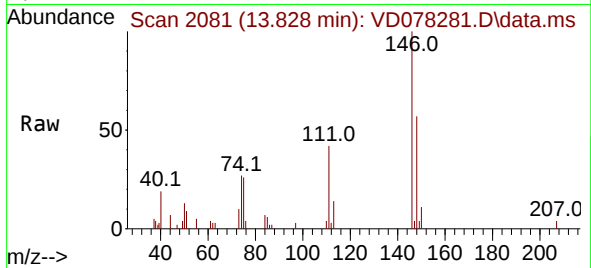
#91
1,2-Dichlorobenzene
Concen: 5.537 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

Tgt Ion:146 Resp: 1364
Ion Ratio Lower Upper
146 100
111 41.2 18.3 54.8
148 63.2 31.6 94.7

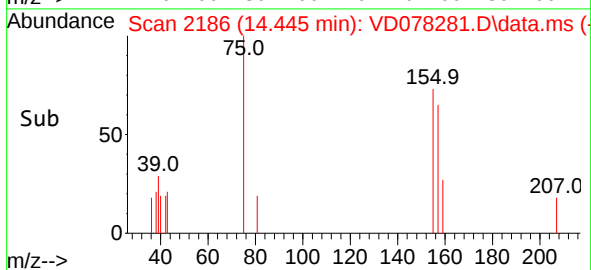
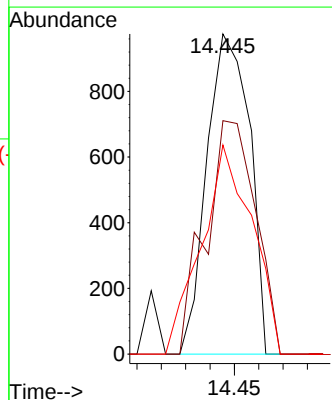
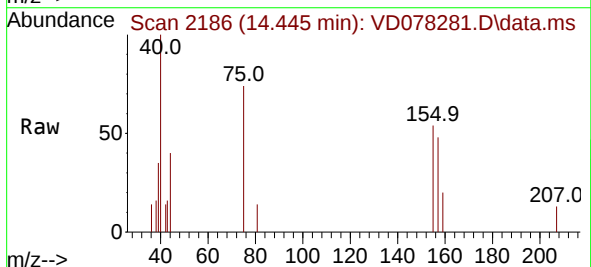
Manual Integrations
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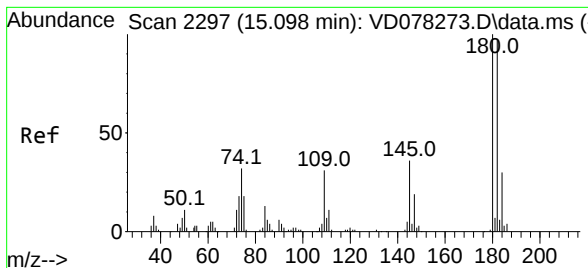
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 6.978 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Tgt Ion: 75 Resp: 1190
Ion Ratio Lower Upper
75 100
155 85.2 47.9 143.8
157 77.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 5.839 ug/l

RT: 15.104 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

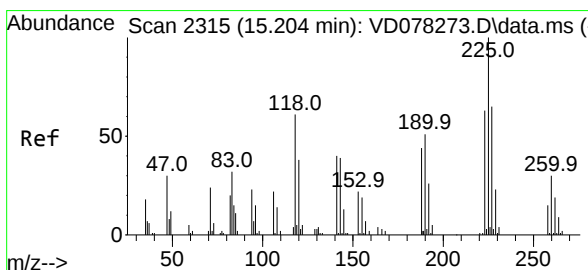
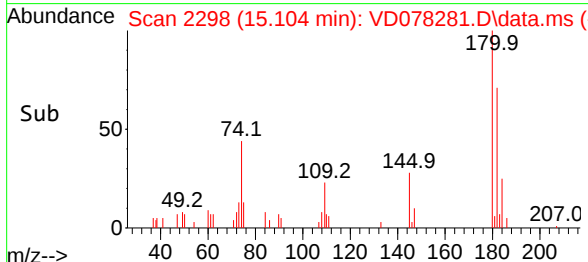
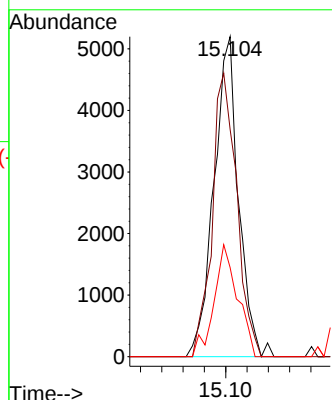
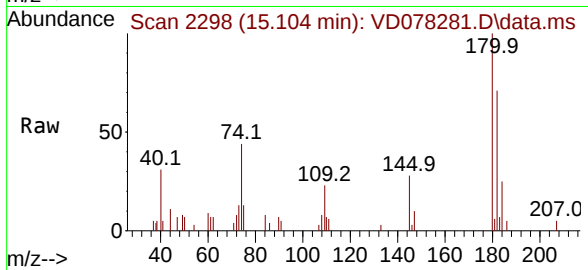
LOQ-SOIL-02-QT1-2024

Tgt Ion:180	Resp:	832
Ion Ratio	Lower	Upper
180	100	
182	88.5	48.5 145.6
145	33.4	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#94

Hexachlorobutadiene

Concen: 6.604 ug/l

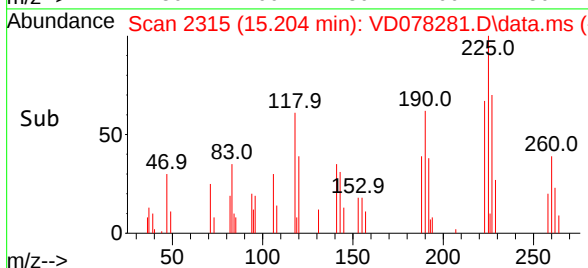
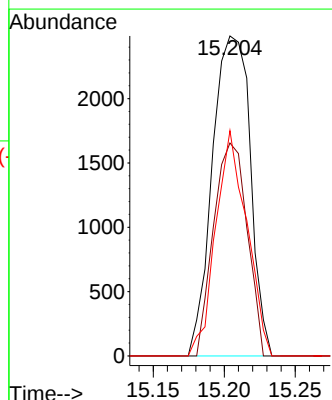
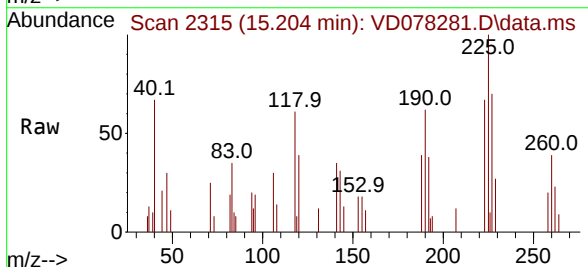
RT: 15.204 min Scan# 2315

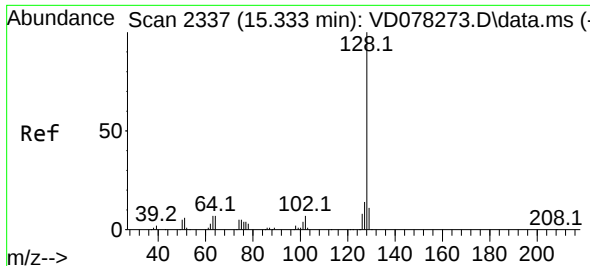
Delta R.T. 0.000 min

Lab File: VD078281.D

Acq: 30 Jan 2024 16:21

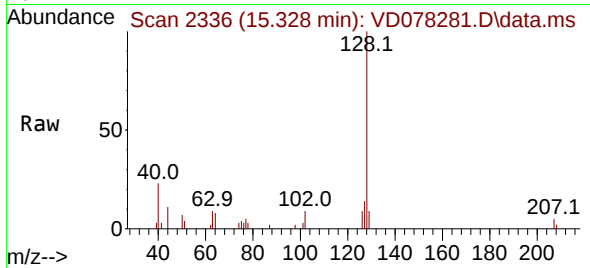
Tgt Ion:225	Resp:	4612
Ion Ratio	Lower	Upper
225	100	
223	58.9	31.6 94.8
227	57.9	31.7 95.1





#95
Naphthalene
Concen: 5.317 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

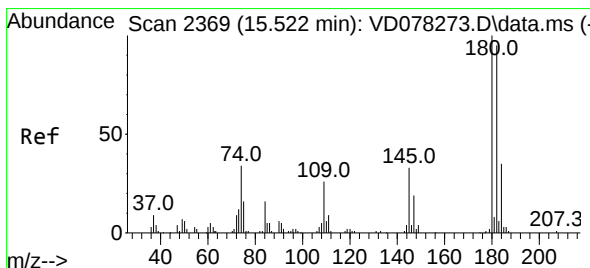
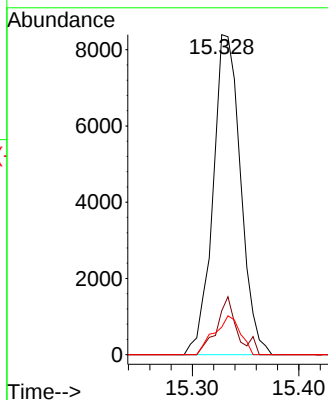
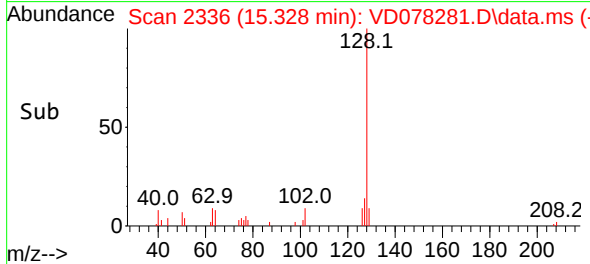
Instrument : MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion:128 Resp: 1510
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 8.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#96
1,2,3-Trichlorobenzene
Concen: 5.137 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078281.D
Acq: 30 Jan 2024 16:21

Tgt Ion:180 Resp: 6446
Ion Ratio Lower Upper
180 100
182 103.3 47.3 141.9
145 36.0 15.1 45.3

