

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020625\
 Data File : VD080252.D
 Acq On : 06 Feb 2025 16:52
 Operator : RP/MD
 Sample : Q1168-02
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025

Quant Time: Feb 07 01:15:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 07 01:12:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	105530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	188747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	180537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65868	47.983	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.960%		
35) Dibromofluoromethane	7.810	113	59637	44.581	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.160%		
50) Toluene-d8	10.269	98	207828	41.894	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	83.780%		
62) 4-Bromofluorobenzene	12.575	95	65310	41.031	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	82.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	6282	5.038	ug/l	99
3) Chloromethane	2.152	50	10928	4.971	ug/l	88
4) Vinyl Chloride	2.281	62	13145	4.943	ug/l	90
5) Bromomethane	2.687	94	9370	4.570	ug/l	91
6) Chloroethane	2.834	64	8176	4.616	ug/l	97
7) Trichlorofluoromethane	3.169	101	10639	4.827	ug/l	95
8) Diethyl Ether	3.593	74	3102	5.145	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.975	101	6300	4.938	ug/l	96
10) Methyl Iodide	4.163	142	5275	5.788	ug/l	92
11) Tert butyl alcohol	5.052	59	2228m	29.382	ug/l	
12) 1,1-Dichloroethene	3.940	96	5379	4.451	ug/l	97
13) Acrolein	3.805	56	3520	24.620	ug/l	90
14) Allyl chloride	4.563	41	8890	4.774	ug/l	95
15) Acrylonitrile	5.257	53	5952	20.547	ug/l #	85
16) Acetone	4.022	43	5927	26.791	ug/l	97
17) Carbon Disulfide	4.275	76	18615	4.271	ug/l	97
18) Methyl Acetate	4.575	43	3878	5.195	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	10985	4.129	ug/l	94
20) Methylene Chloride	4.804	84	7052	4.697	ug/l #	91
21) trans-1,2-Dichloroethene	5.310	96	5784	4.213	ug/l	85
22) Diisopropyl ether	6.228	45	15428	3.981	ug/l	95
23) Vinyl Acetate	6.163	43	44182	19.745	ug/l	95
24) 1,1-Dichloroethane	6.116	63	12724	5.008	ug/l	96
25) 2-Butanone	7.087	43	7323	21.340	ug/l #	81
26) 2,2-Dichloropropane	7.075	77	10420	4.728	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	6683	4.309	ug/l	92
28) Bromochloromethane	7.422	49	6736	5.810	ug/l #	100
29) Tetrahydrofuran	7.446	42	4979	22.153	ug/l #	67
30) Chloroform	7.593	83	13052	5.025	ug/l	99
31) Cyclohexane	7.875	56	9790	4.813	ug/l #	61
32) 1,1,1-Trichloroethane	7.793	97	10916	5.023	ug/l	98
36) 1,1-Dichloropropene	8.004	75	7906	4.126	ug/l	98
37) Ethyl Acetate	7.175	43	3940	4.194	ug/l #	78
38) Carbon Tetrachloride	7.993	117	9018	4.506	ug/l	91
39) Methylcyclohexane	9.275	83	7474	3.591	ug/l #	80
40) Benzene	8.251	78	25176	4.192	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020625\
 Data File : VD080252.D
 Acq On : 06 Feb 2025 16:52
 Operator : RP/MD
 Sample : Q1168-02
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

Quant Time: Feb 07 01:15:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 07 01:12:13 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	2140	4.138	ug/l #	46
42) 1,2-Dichloroethane	8.322	62	7986	4.673	ug/l	92
43) Isopropyl Acetate	8.363	43	7291	4.373	ug/l #	86
44) Trichloroethene	9.028	130	6973	5.026	ug/l	66
45) 1,2-Dichloropropane	9.310	63	6802	4.503	ug/l #	89
46) Dibromomethane	9.398	93	4121	4.897	ug/l	94
47) Bromodichloromethane	9.587	83	10089	4.754	ug/l #	73
48) Methyl methacrylate	9.387	41	3341	4.330	ug/l	87
49) 1,4-Dioxane	9.375	88	611	66.736	ug/l #	69
51) 4-Methyl-2-Pentanone	10.157	43	17092	20.272	ug/l	92
52) Toluene	10.334	92	15333	4.365	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	8065	4.458	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	8950	4.067	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	5411	4.948	ug/l #	84
56) Ethyl methacrylate	10.598	69	4807	3.853	ug/l #	86
57) 1,3-Dichloropropane	10.875	76	8183	4.524	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	10063	18.896	ug/l	98
59) 2-Hexanone	10.922	43	11087	20.039	ug/l	92
60) Dibromochloromethane	11.069	129	6291	4.667	ug/l	93
61) 1,2-Dibromoethane	11.181	107	4344	4.362	ug/l	98
64) Tetrachloroethene	10.804	164	5410	4.290	ug/l	92
65) Chlorobenzene	11.610	112	17305	4.182	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.681	131	5903	4.078	ug/l	89
67) Ethyl Benzene	11.681	91	25135	3.651	ug/l	100
68) m/p-Xylenes	11.792	106	17926	6.708	ug/l	99
69) o-Xylene	12.122	106	8763	3.596	ug/l	95
70) Styrene	12.133	104	15324	3.532	ug/l	97
71) Bromoform	12.298	173	3710	4.347	ug/l #	95
73) Isopropylbenzene	12.422	105	20365	3.280	ug/l	94
74) N-amyl acetate	12.233	43	5997	3.675	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	6398	4.952	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	5407m	5.824	ug/l	
77) Bromobenzene	12.704	156	6742	4.210	ug/l	95
78) n-propylbenzene	12.763	91	29068	3.677	ug/l	98
79) 2-Chlorotoluene	12.845	91	17017	3.789	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	16983	3.271	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	1678	3.696	ug/l	91
82) 4-Chlorotoluene	12.951	91	17690	3.707	ug/l	98
83) tert-Butylbenzene	13.163	119	15119	3.562	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	18222	3.448	ug/l	95
85) sec-Butylbenzene	13.345	105	22410	3.453	ug/l	97
86) p-Isopropyltoluene	13.457	119	18702	3.375	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	13857	4.393	ug/l	96
88) 1,4-Dichlorobenzene	13.533	146	13596	4.259	ug/l	92
89) n-Butylbenzene	13.786	91	19931	3.701	ug/l	96
90) Hexachloroethane	14.051	117	5444	4.420	ug/l	89
91) 1,2-Dichlorobenzene	13.833	146	11142	4.009	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.457	75	1045	5.084	ug/l	82
93) 1,2,4-Trichlorobenzene	15.098	180	7108	4.012	ug/l	95
94) Hexachlorobutadiene	15.198	225	4009	4.178	ug/l	97
95) Naphthalene	15.333	128	11883	3.740	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.522	180	5860	3.665	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020625\
Data File : VD080252.D
Acq On : 06 Feb 2025 16:52
Operator : RP/MD
Sample : Q1168-02
Misc : 5.00G/5ml/MSVOA_D/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025

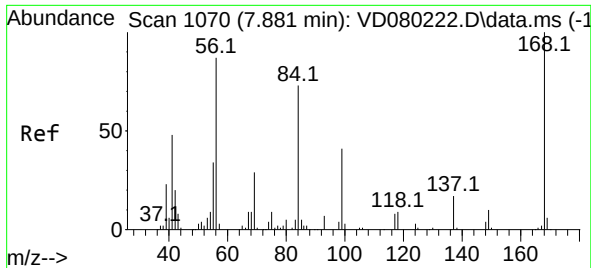
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

Quant Time: Feb 07 01:15:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 07 01:12:13 2025
Response via : Initial Calibration

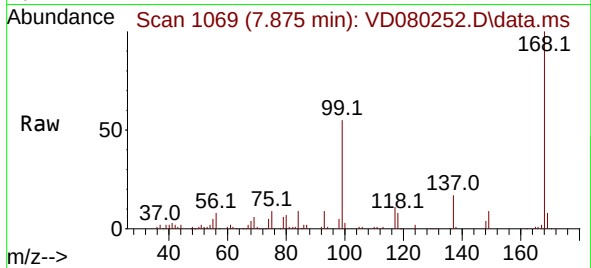
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

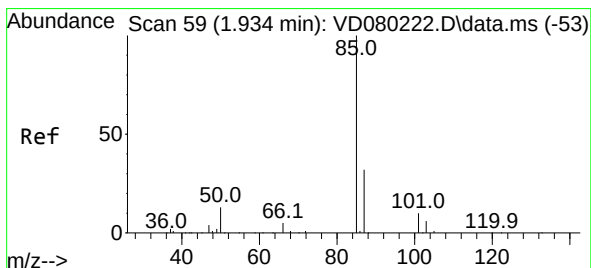
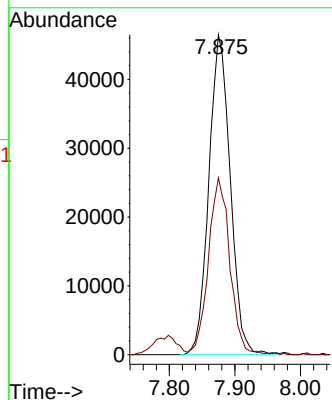
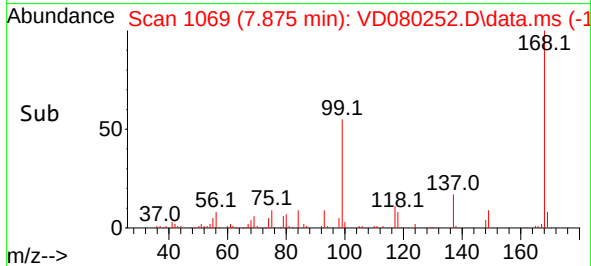
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion:168 Resp: 105530
Ion Ratio Lower Upper
168 100
99 55.3 44.4 66.6

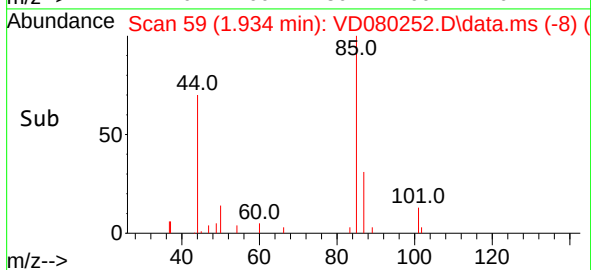
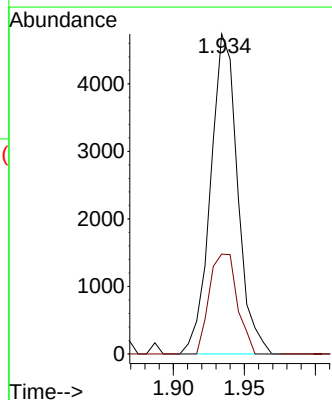
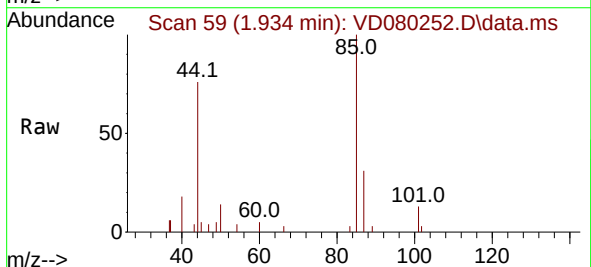
Manual Integrations
APPROVED

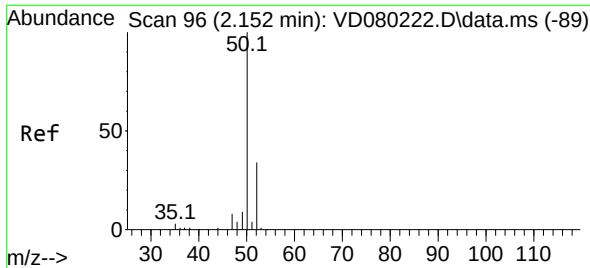
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#2
Dichlorodifluoromethane
Concen: 5.038 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Tgt Ion: 85 Resp: 6282
Ion Ratio Lower Upper
85 100
87 31.2 16.0 47.9





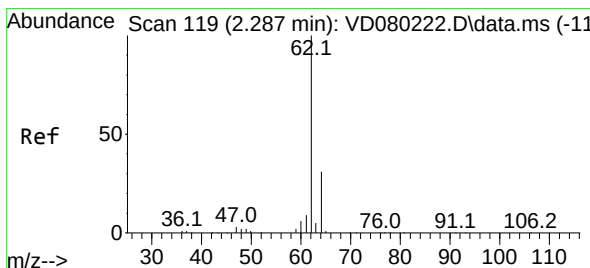
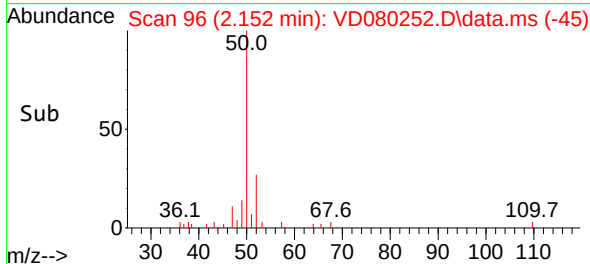
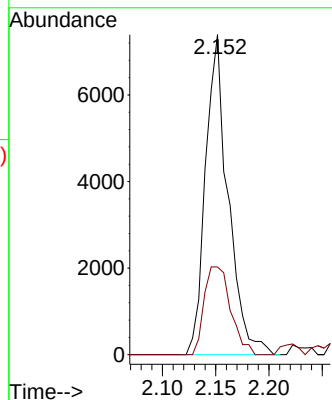
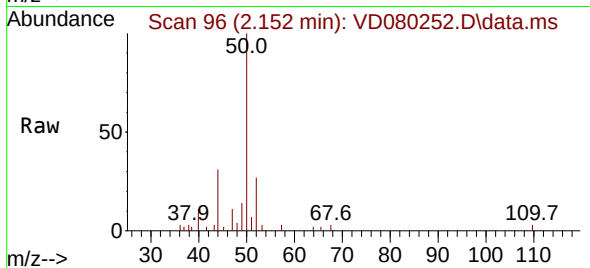
#3
Chloromethane
Concen: 4.971 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Instrument : MSVOA_D
ClientSampleId : VD080252.D
LOQ-SOIL-02-QT1-2025

Tgt Ion: 50 Resp: 10928
Ion Ratio Lower Upper
50 100
52 27.4 27.2 40.8

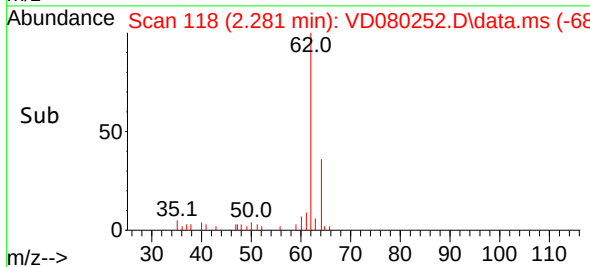
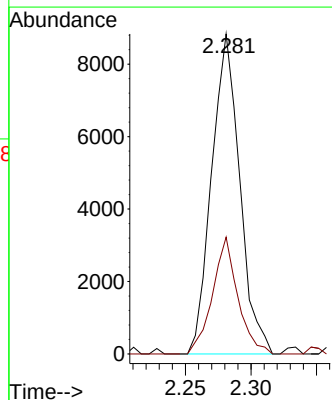
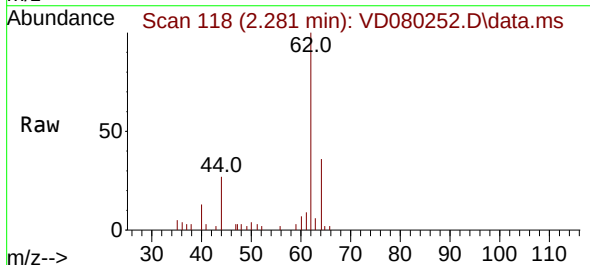
Manual Integrations
APPROVED

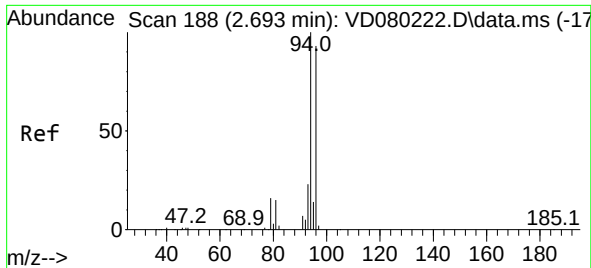
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#4
Vinyl Chloride
Concen: 4.943 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

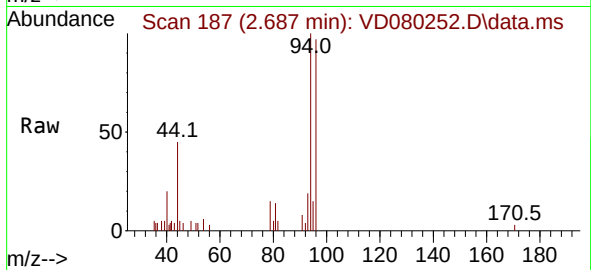
Tgt Ion: 62 Resp: 13145
Ion Ratio Lower Upper
62 100
64 36.5 24.8 37.2





#5
Bromomethane
Concen: 4.570 ug/l
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

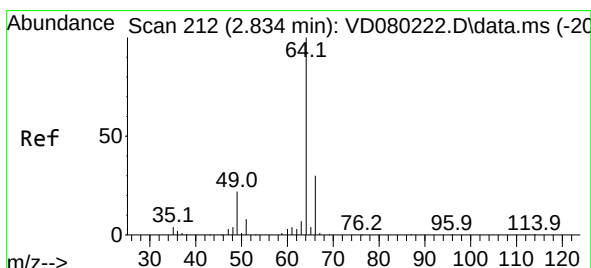
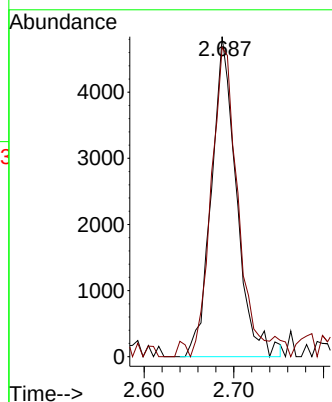
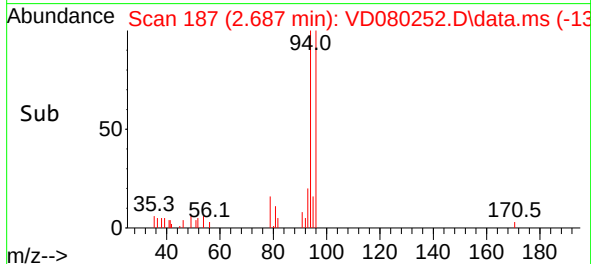
Instrument : MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion: 94 Resp: 9370
Ion Ratio Lower Upper
94 100
96 101.5 74.4 111.6

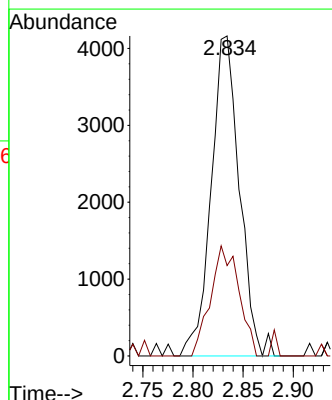
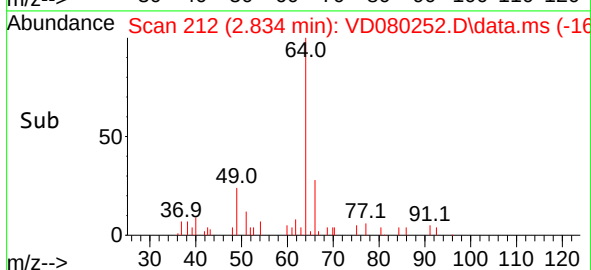
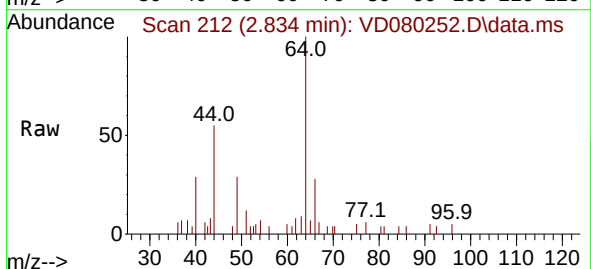
Manual Integrations
APPROVED

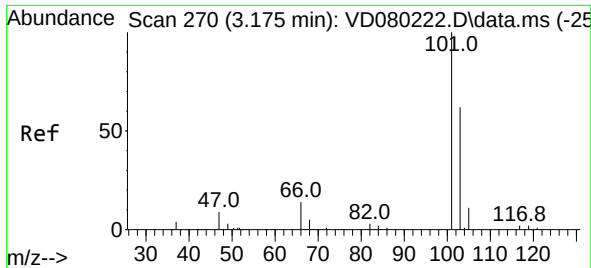
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#6
Chloroethane
Concen: 4.616 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

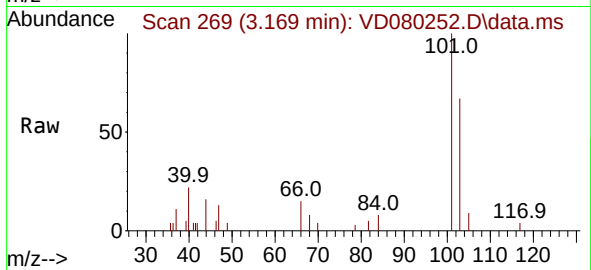
Tgt Ion: 64 Resp: 8176
Ion Ratio Lower Upper
64 100
66 28.3 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 4.827 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD080252.D
 Acq: 06 Feb 2025 16:52

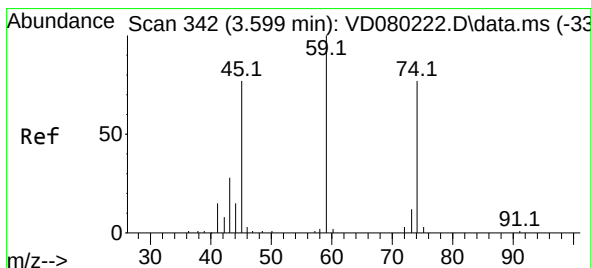
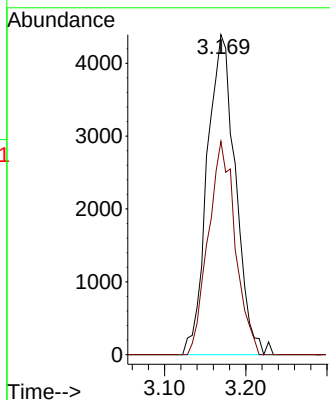
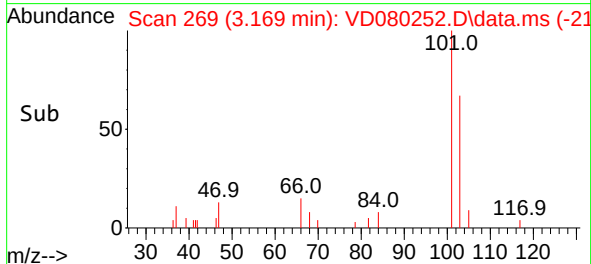
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025



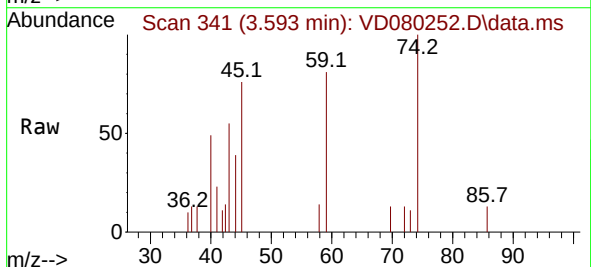
Tgt Ion:101 Resp: 10639
 Ion Ratio Lower Upper
 101 100
 103 66.6 49.9 74.9

Manual Integrations
 APPROVED

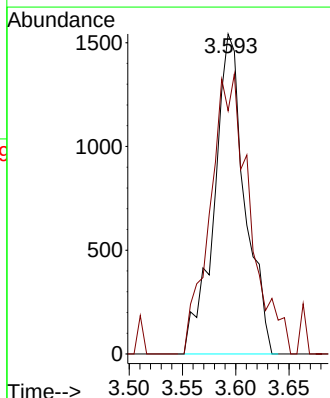
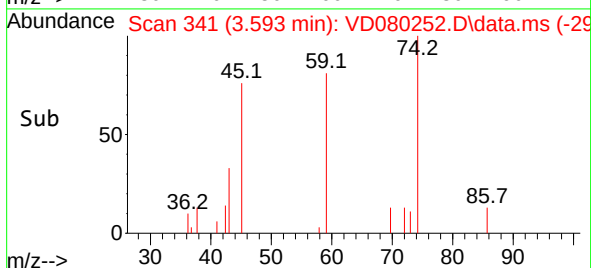
Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025

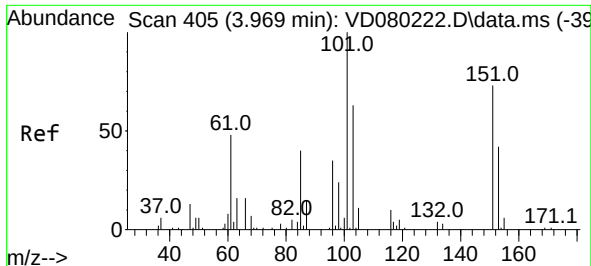


#8
 Diethyl Ether
 Concen: 5.145 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD080252.D
 Acq: 06 Feb 2025 16:52



Tgt Ion: 74 Resp: 3102
 Ion Ratio Lower Upper
 74 100
 45 113.0 51.0 153.1





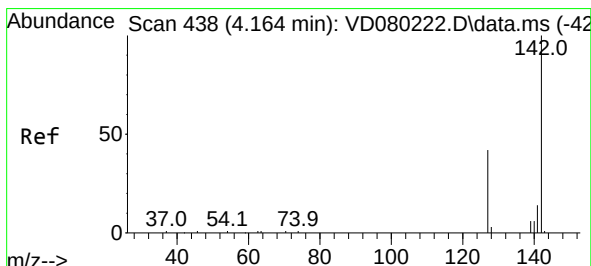
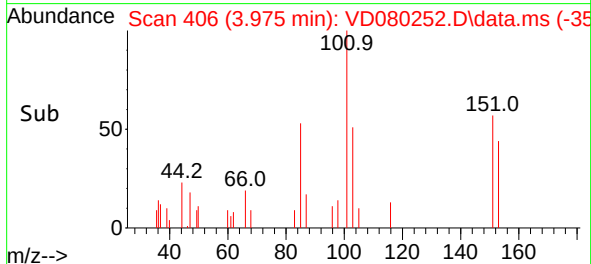
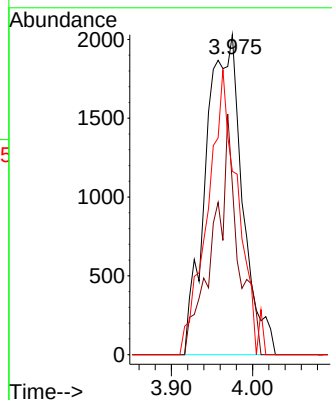
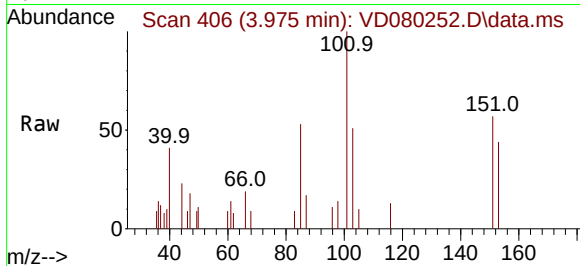
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.938 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Tgt Ion:101 Resp: 6300
Ion Ratio Lower Upper
101 100
85 51.0 36.2 54.4
151 74.4 59.0 88.6

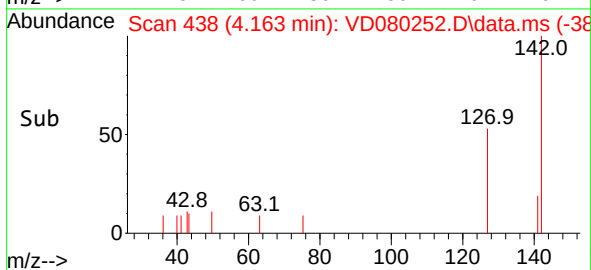
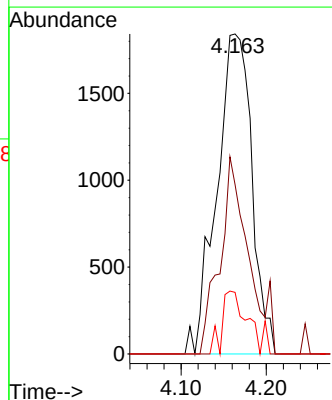
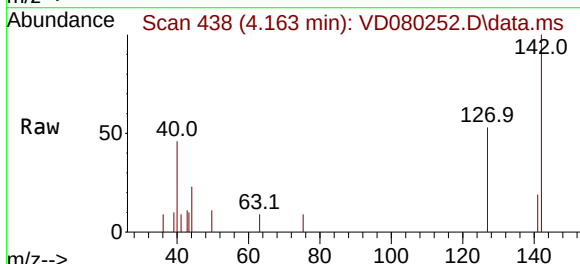
Manual Integrations
APPROVED

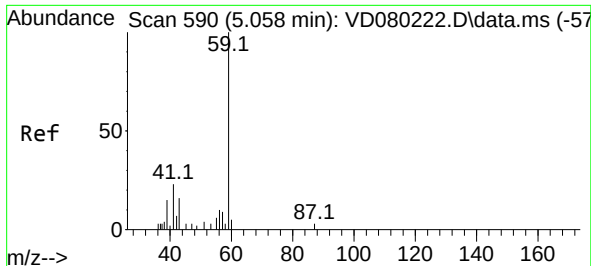
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#10
Methyl Iodide
Concen: 5.788 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

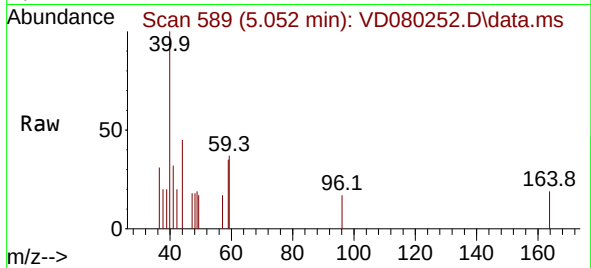
Tgt Ion:142 Resp: 5275
Ion Ratio Lower Upper
142 100
127 50.6 35.4 53.2
141 14.8 12.6 18.8





#11
Tert butyl alcohol
Concen: 29.382 ug/l m
RT: 5.052 min Scan# 590
Delta R.T. -0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

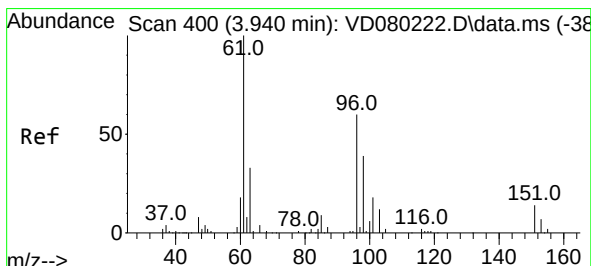
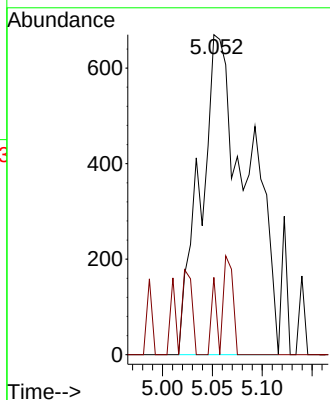
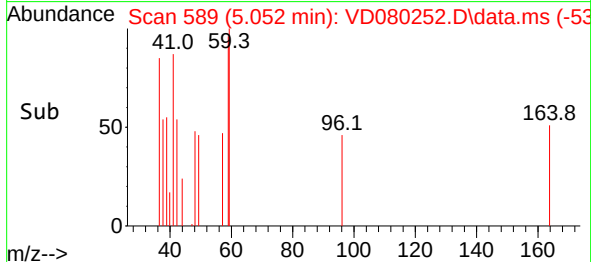
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2025



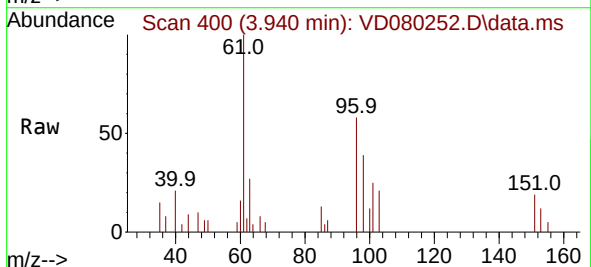
Tgt Ion: 59 Resp: 2228
Ion Ratio Lower Upper
59 100
57 8.7 7.2 10.8

Manual Integrations
APPROVED

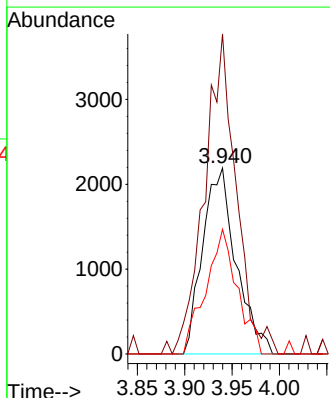
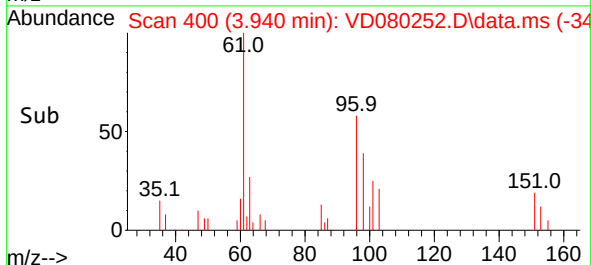
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

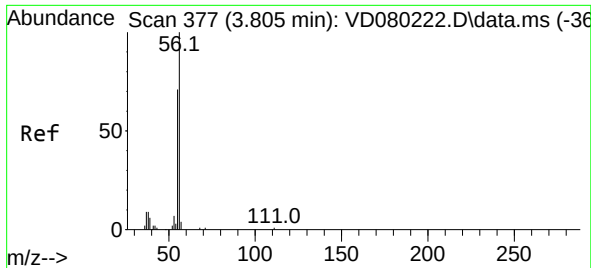


#12
1,1-Dichloroethene
Concen: 4.451 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52



Tgt Ion: 96 Resp: 5379
Ion Ratio Lower Upper
96 100
61 172.2 133.8 200.6
98 67.1 52.2 78.2





#13

Acrolein

Concen: 24.620 ug/l

RT: 3.805 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

Instrument :

MSVOA_D

ClientSampleId :

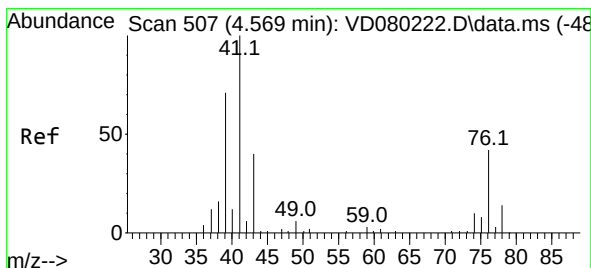
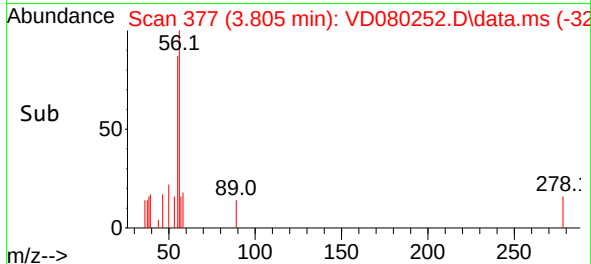
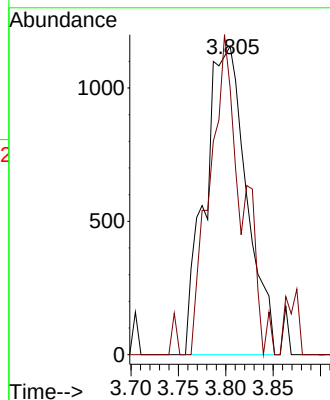
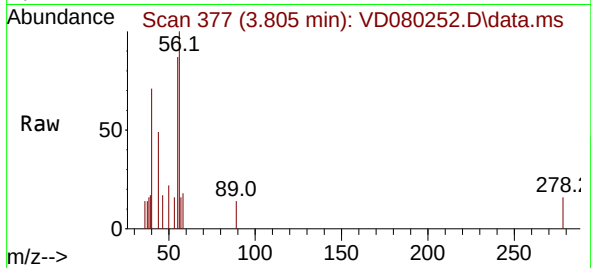
LOQ-SOIL-02-QT1-2025

Tgt Ion: 56 Resp: 3520
 Ion Ratio Lower Upper
 56 100
 55 80.7 57.8 86.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025



#14

Allyl chloride

Concen: 4.774 ug/l

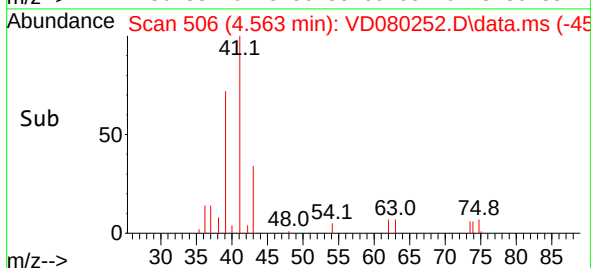
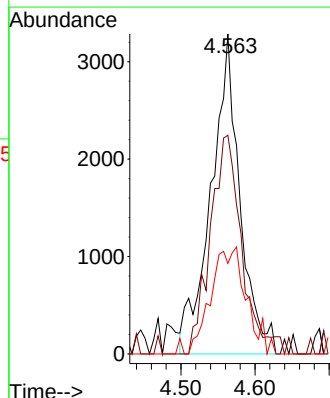
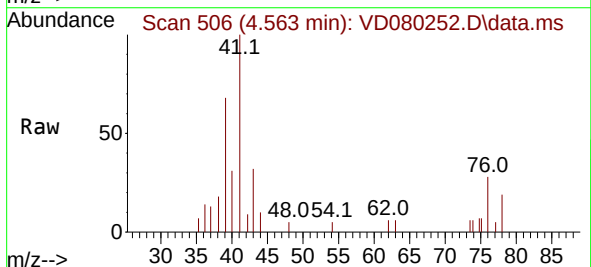
RT: 4.563 min Scan# 506

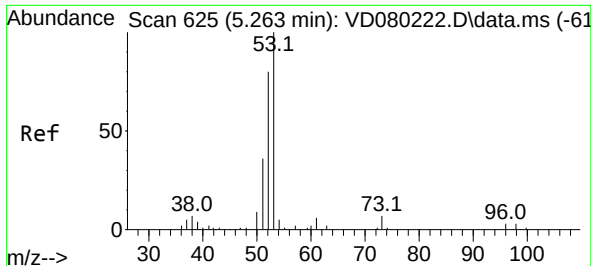
Delta R.T. -0.006 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

Tgt Ion: 41 Resp: 8890
 Ion Ratio Lower Upper
 41 100
 39 72.8 55.0 82.4
 76 40.9 31.0 46.4





#15

Acrylonitrile

Concen: 20.547 ug/l

RT: 5.257 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

Instrument :

MSVOA_D

ClientSampleId :

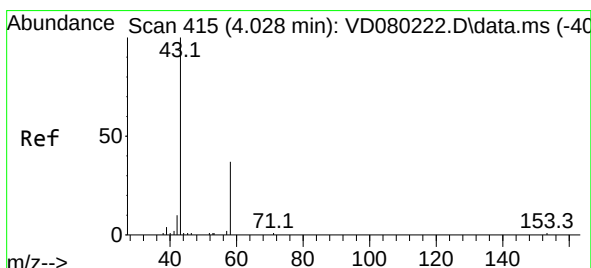
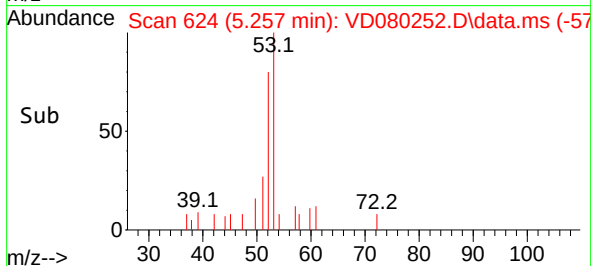
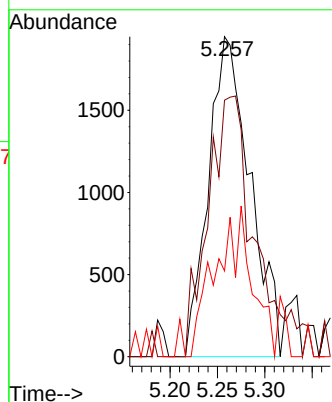
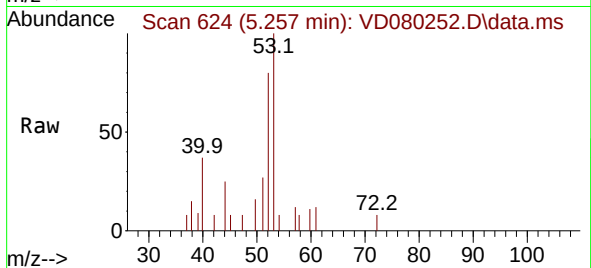
LOQ-SOIL-02-QT1-2025

Tgt Ion: 53	Resp: 5952
Ion Ratio	Lower Upper
53 100	
52 92.3	65.9 98.9
51 24.2	30.1 45.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#16

Acetone

Concen: 26.791 ug/l

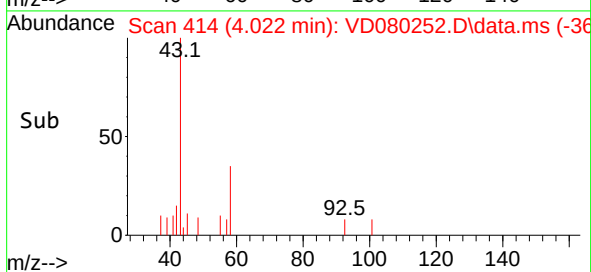
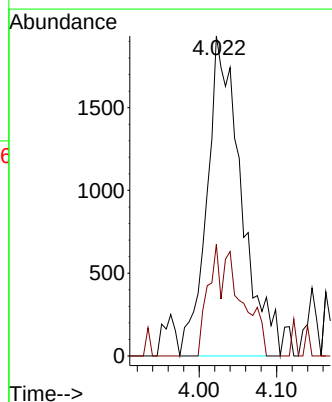
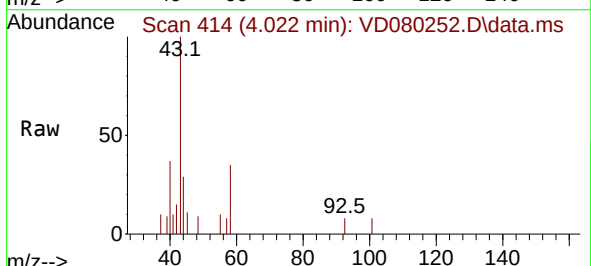
RT: 4.022 min Scan# 414

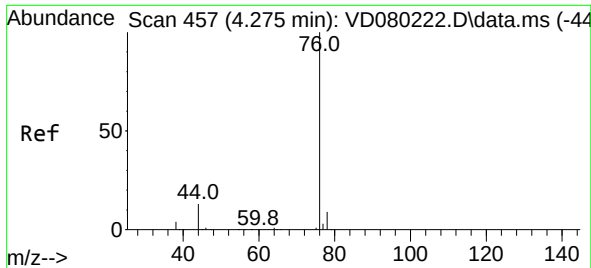
Delta R.T. -0.006 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

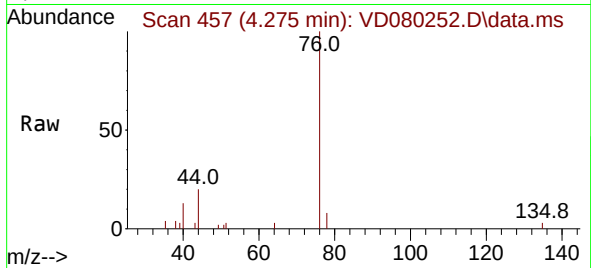
Tgt Ion: 43	Resp: 5927
Ion Ratio	Lower Upper
43 100	
58 34.9	29.5 44.3





#17
Carbon Disulfide
Concen: 4.271 ug/l
RT: 4.275 min Scan# 412
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

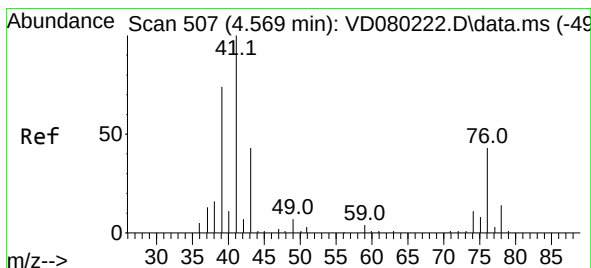
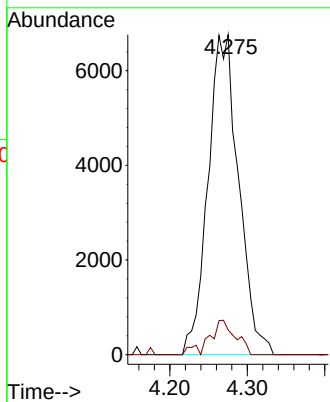
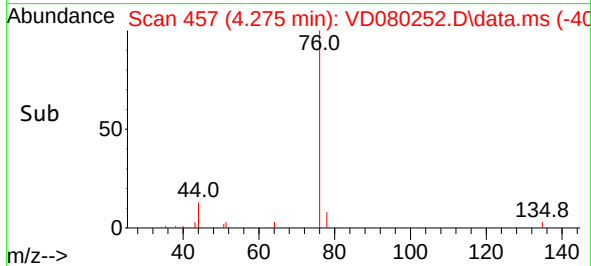
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion: 76 Resp: 1861
Ion Ratio Lower Upper
76 100
78 7.7 7.0 10.4

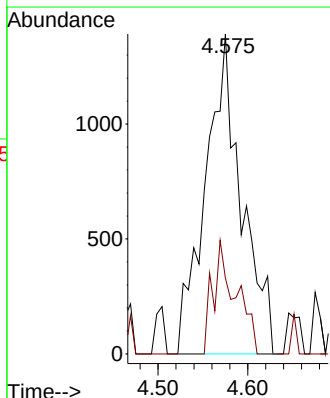
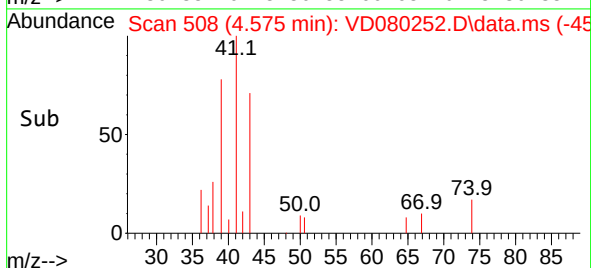
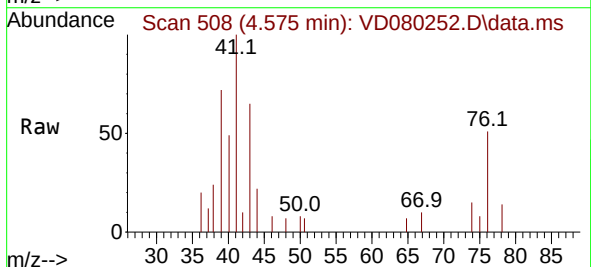
Manual Integrations
APPROVED

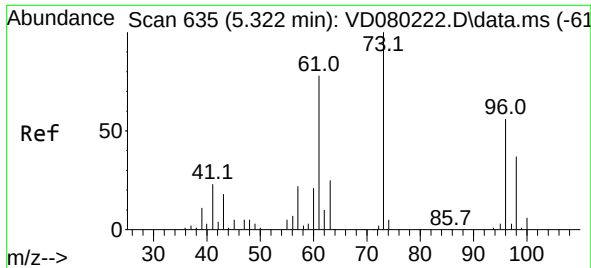
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#18
Methyl Acetate
Concen: 5.195 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Tgt Ion: 43 Resp: 3878
Ion Ratio Lower Upper
43 100
74 22.6 19.4 29.2





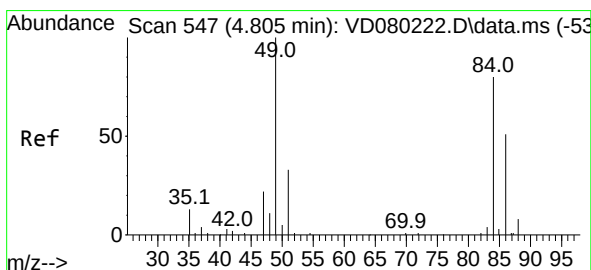
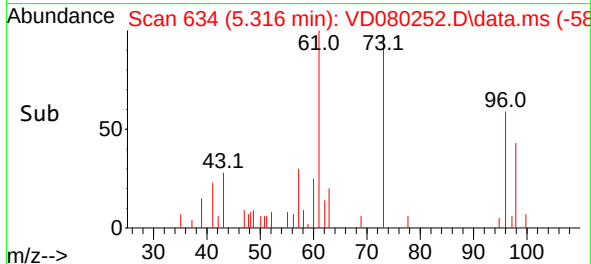
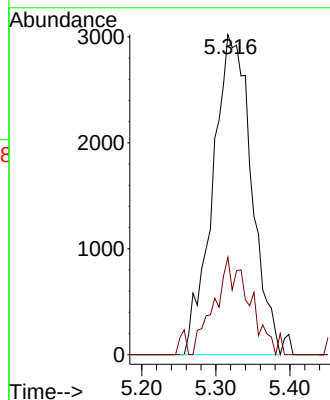
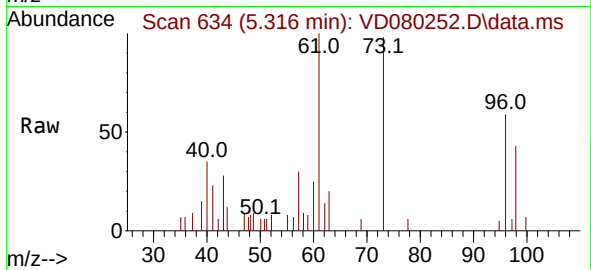
#19
Methyl tert-butyl Ether
Concen: 4.129 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Tgt Ion: 73 Resp: 1098
Ion Ratio Lower Upper
73 100
57 25.1 17.8 26.8

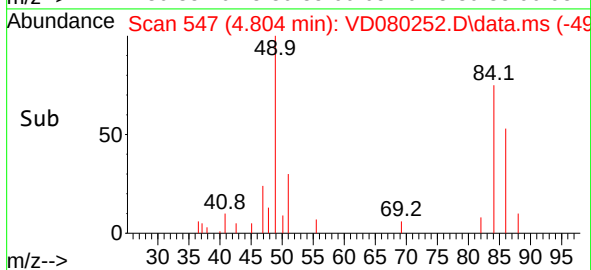
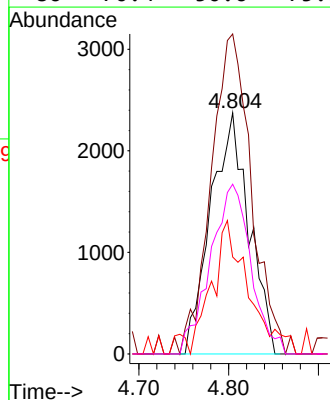
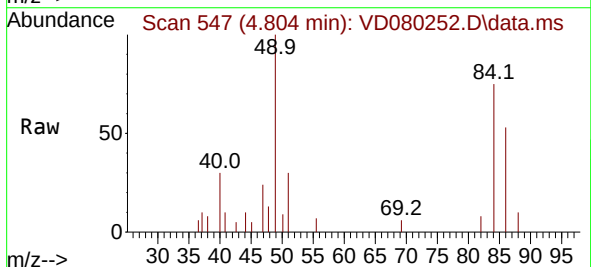
Manual Integrations
APPROVED

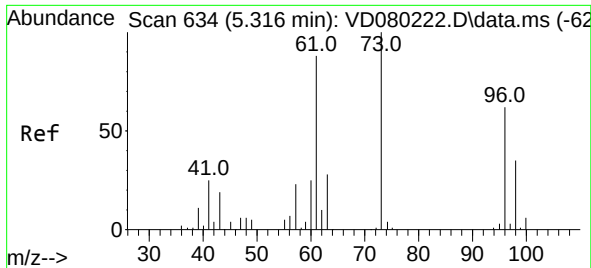
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#20
Methylene Chloride
Concen: 4.697 ug/l
RT: 4.804 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

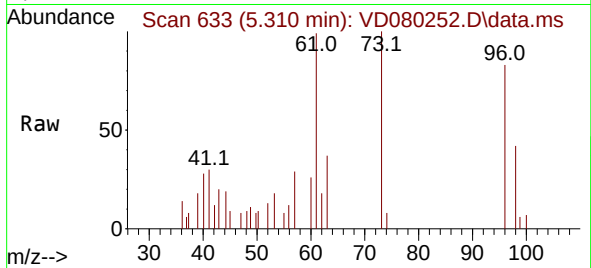
Tgt Ion: 84 Resp: 7052
Ion Ratio Lower Upper
84 100
49 132.7 99.4 149.2
51 32.3 32.6 49.0#
86 70.4 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 4.213 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

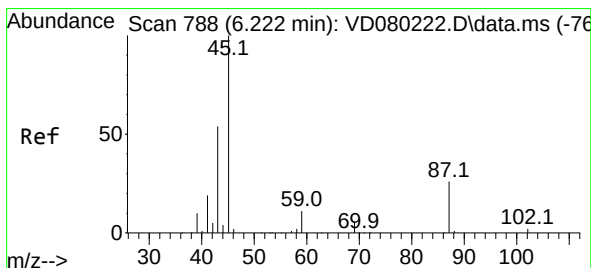
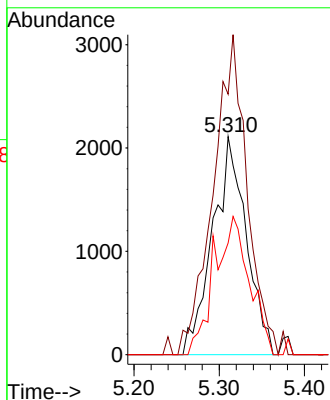
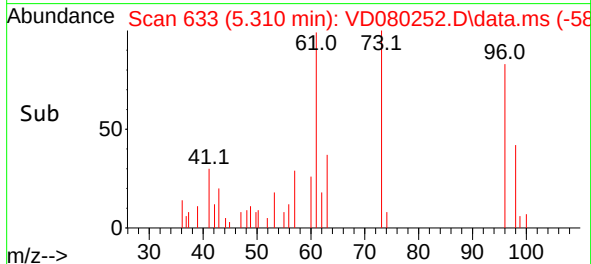
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion: 96 Resp: 5784
Ion Ratio Lower Upper
96 100
61 119.5 113.7 170.5
98 51.2 45.4 68.2

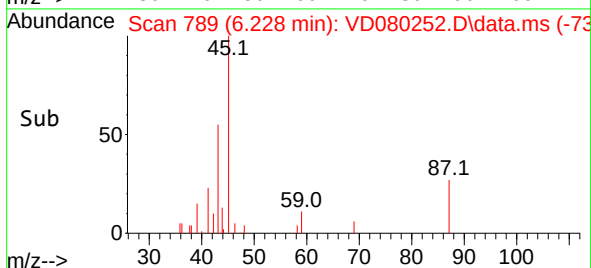
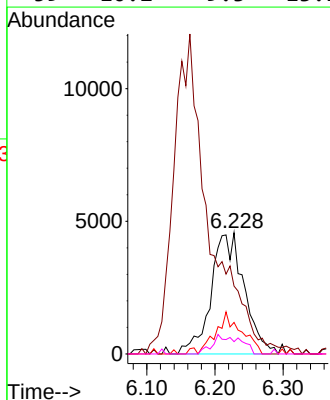
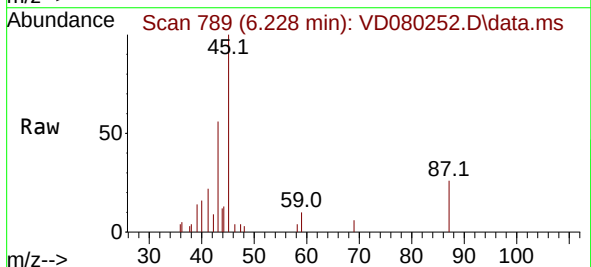
Manual Integrations
APPROVED

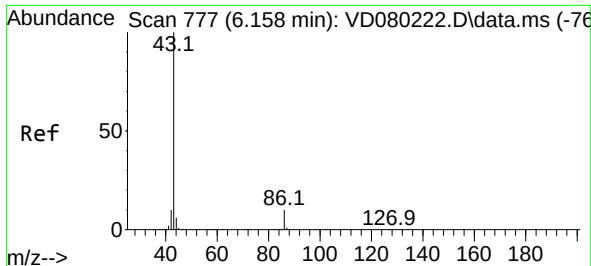
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#22
Diisopropyl ether
Concen: 3.981 ug/l
RT: 6.228 min Scan# 789
Delta R.T. 0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

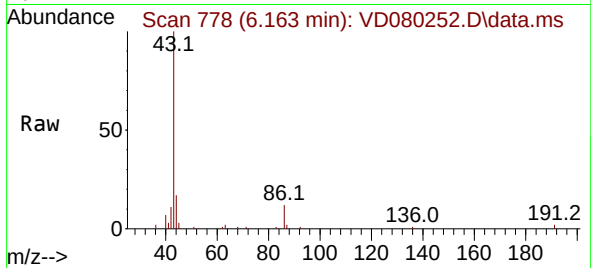
Tgt Ion: 45 Resp: 15428
Ion Ratio Lower Upper
45 100
43 50.4 44.3 66.5
87 26.0 20.5 30.7
59 10.2 9.3 13.9





#23
 Vinyl Acetate
 Concen: 19.745 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD080252.D
 Acq: 06 Feb 2025 16:52

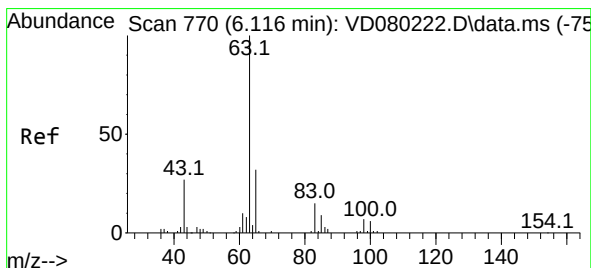
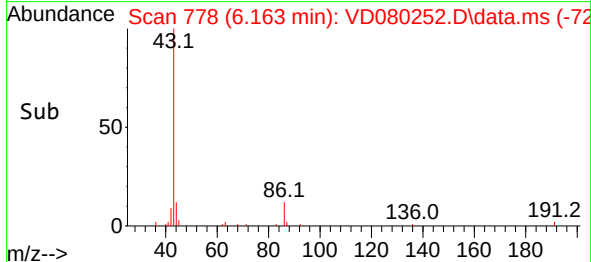
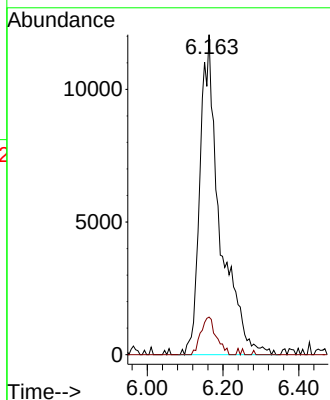
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025



Tgt Ion: 43 Resp: 4418
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.1 12.1

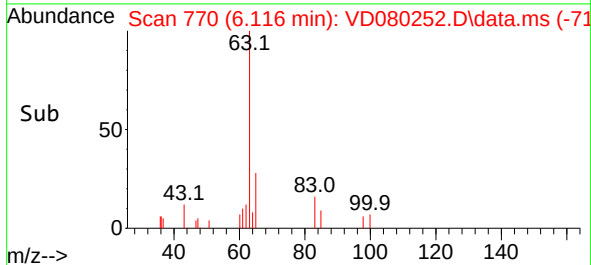
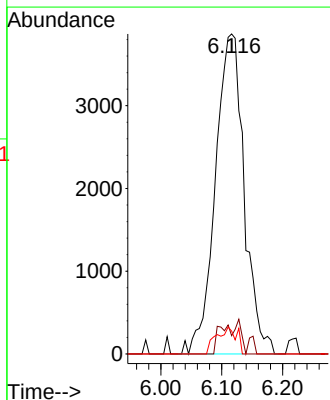
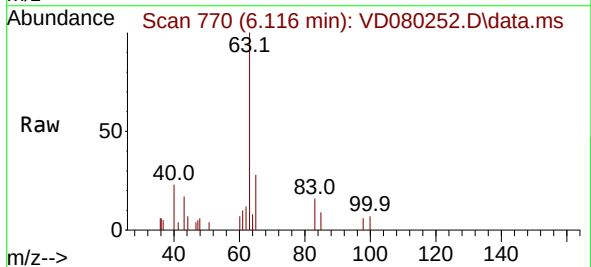
Manual Integrations
 APPROVED

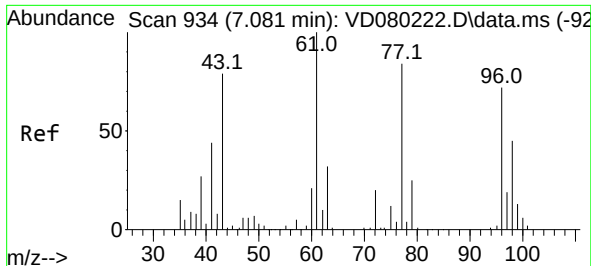
Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025



#24
 1,1-Dichloroethane
 Concen: 5.008 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD080252.D
 Acq: 06 Feb 2025 16:52

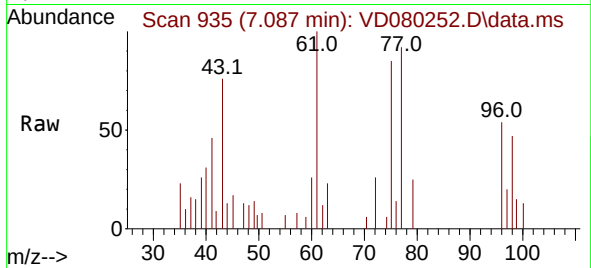
Tgt Ion: 63 Resp: 12724
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.5 10.5
 100 7.2 2.8 8.4





#25
2-Butanone
Concen: 21.340 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

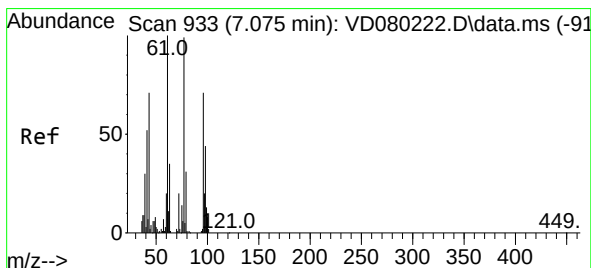
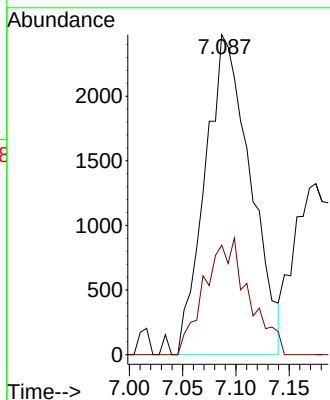
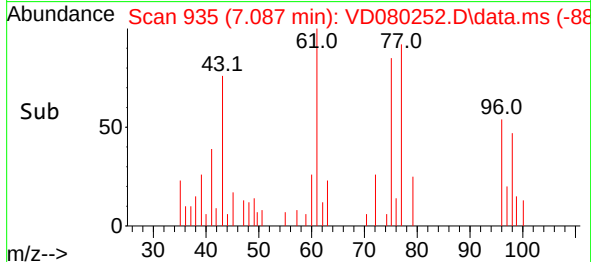
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion: 43 Resp: 732
Ion Ratio Lower Upper
43 100
72 34.2 19.9 29.9

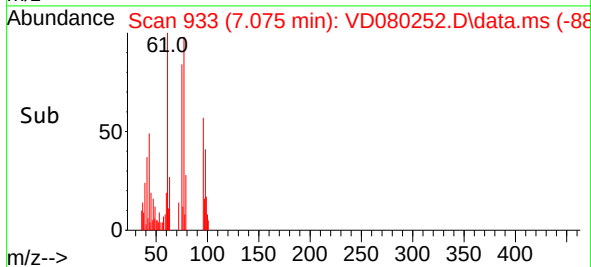
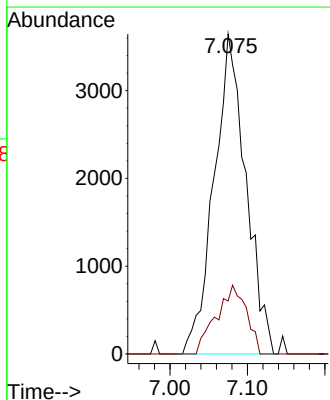
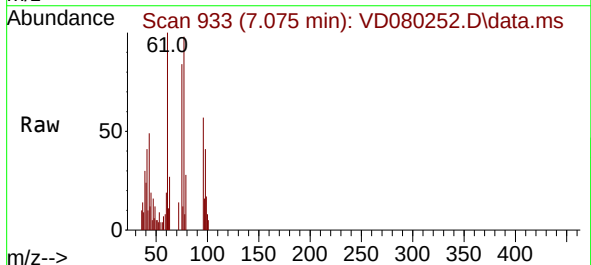
Manual Integrations
APPROVED

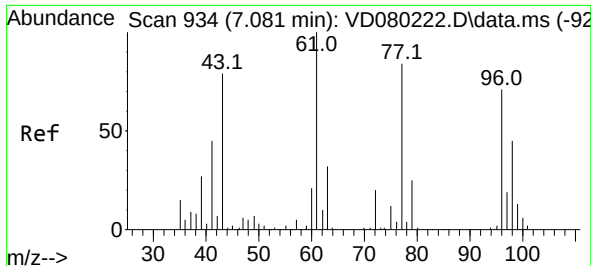
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#26
2,2-Dichloropropane
Concen: 4.728 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Tgt Ion: 77 Resp: 10420
Ion Ratio Lower Upper
77 100
97 20.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 4.309 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2025

Tgt Ion: 96 Resp: 668

Ion Ratio Lower Upper

96 100

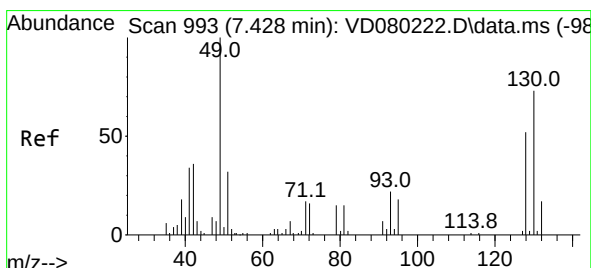
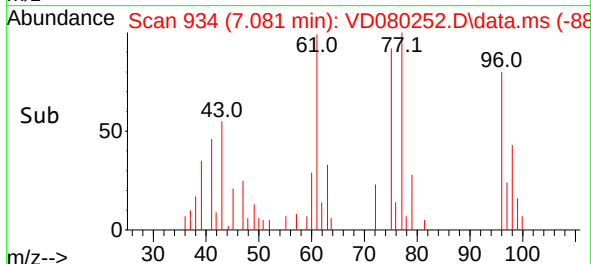
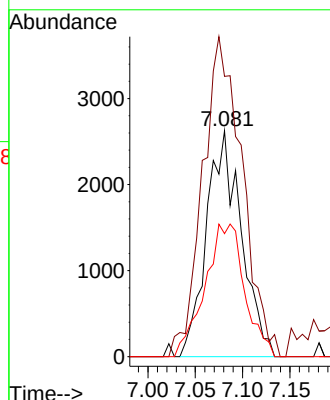
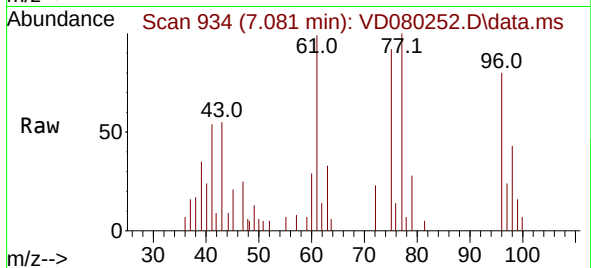
61 162.0 0.0 297.4

98 67.1 0.0 131.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#28

Bromochloromethane

Concen: 5.810 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

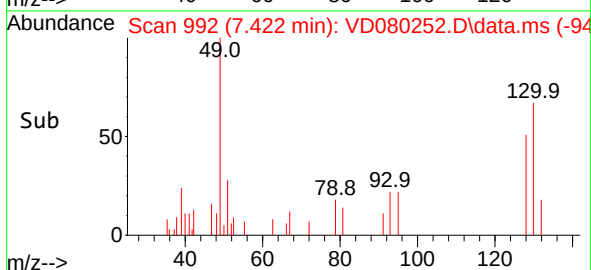
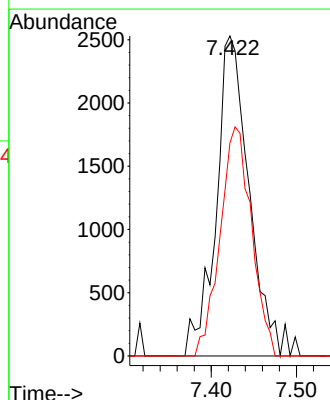
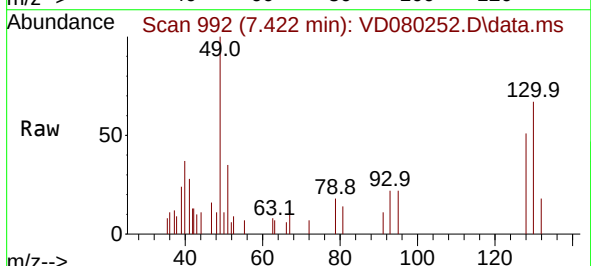
Tgt Ion: 49 Resp: 6736

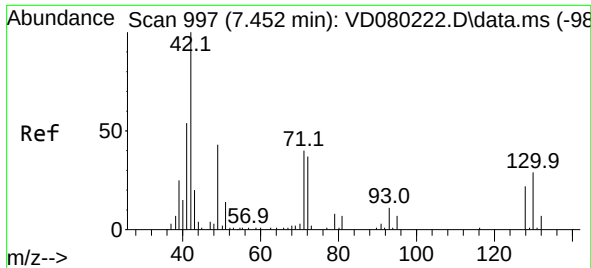
Ion Ratio Lower Upper

49 100

129 0.0 0.0 1.8

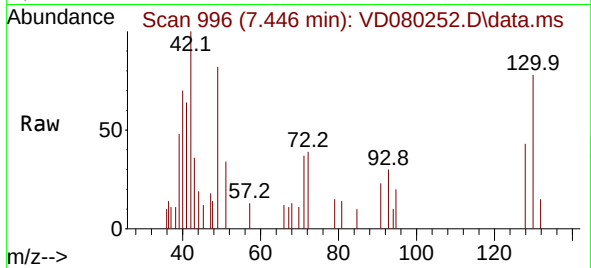
130 68.8 55.3 82.9





#29
Tetrahydrofuran
Concen: 22.153 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

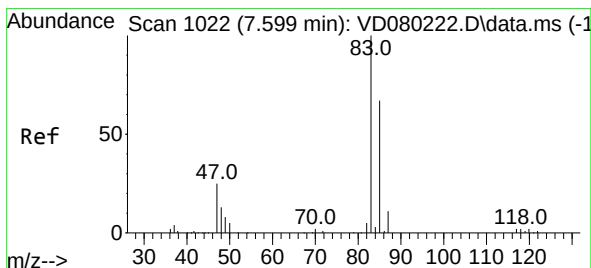
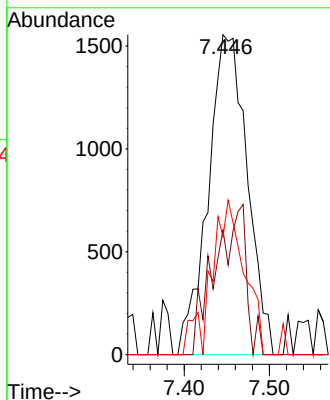
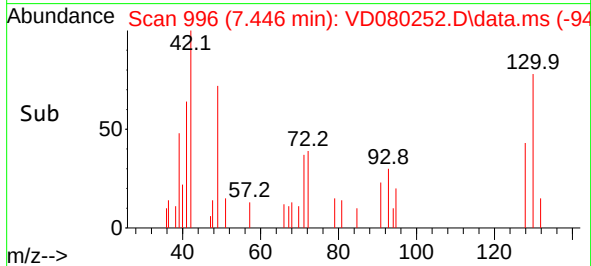
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



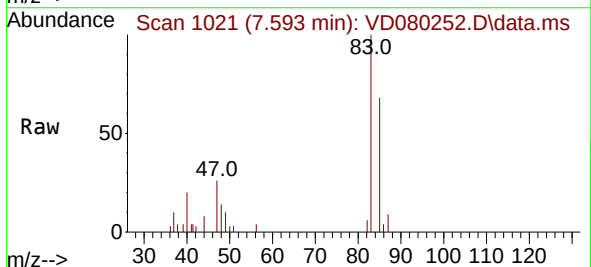
Tgt Ion: 42 Resp: 4979
Ion Ratio Lower Upper
42 100
72 0.0 33.5 50.3
71 41.1 32.9 49.3

Manual Integrations
APPROVED

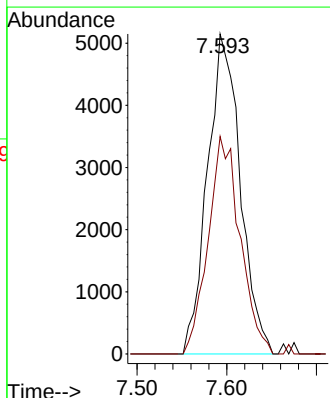
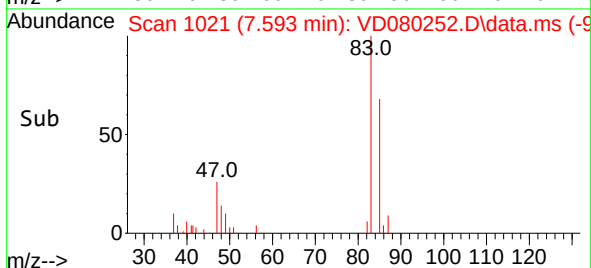
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

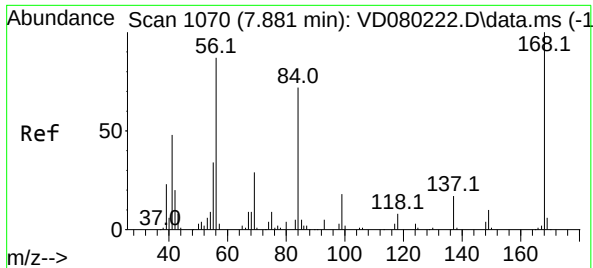


#30
Chloroform
Concen: 5.025 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52



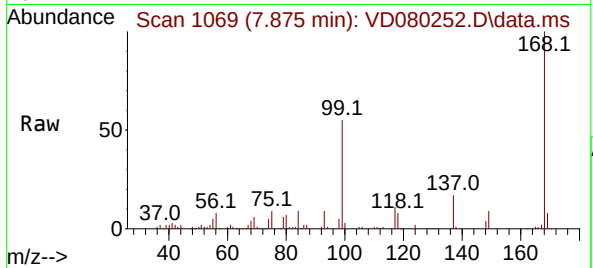
Tgt Ion: 83 Resp: 13052
Ion Ratio Lower Upper
83 100
85 67.9 53.7 80.5





#31
Cyclohexane
Concen: 4.813 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

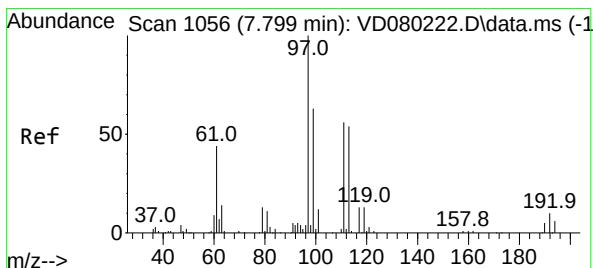
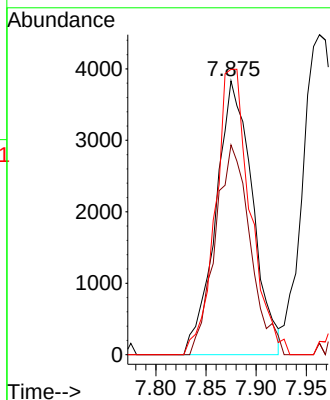
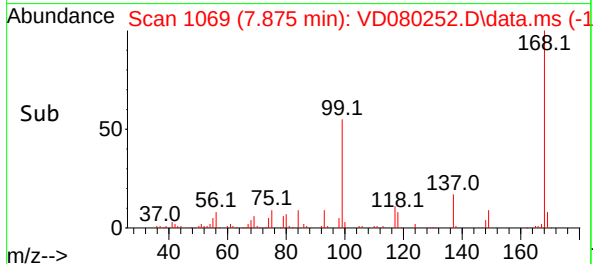
Instrument : MSVOA_D
ClientSampleId : VD080252.D
LOQ-SOIL-02-QT1-2025



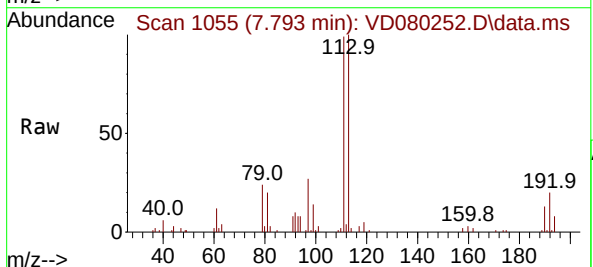
Tgt Ion: 56 Resp: 9790
Ion Ratio Lower Upper
56 100
69 76.6 27.0 40.4
84 104.3 66.3 99.5

Manual Integrations
APPROVED

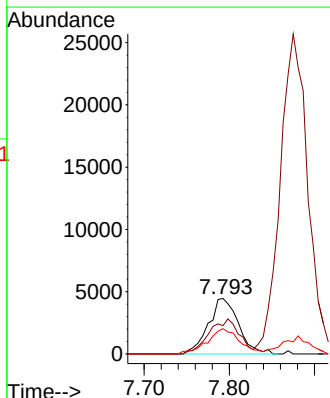
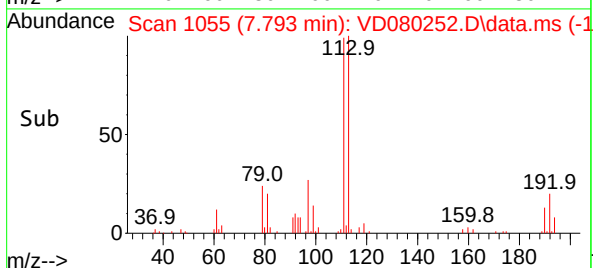
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

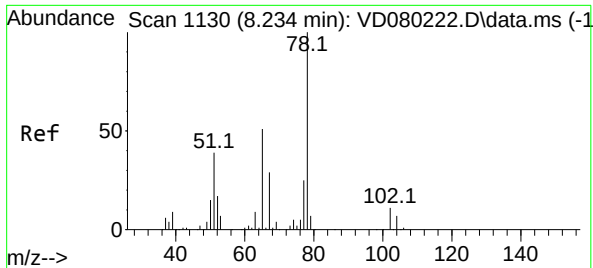


#32
1,1,1-Trichloroethane
Concen: 5.023 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52



Tgt Ion: 97 Resp: 10916
Ion Ratio Lower Upper
97 100
99 63.6 51.3 76.9
61 48.6 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 47.983 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2025

Tgt Ion: 65 Resp: 6586

Ion Ratio Lower Upper

65 100

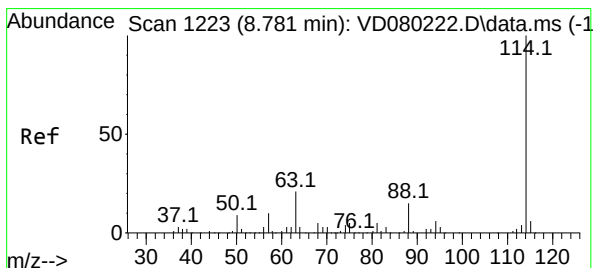
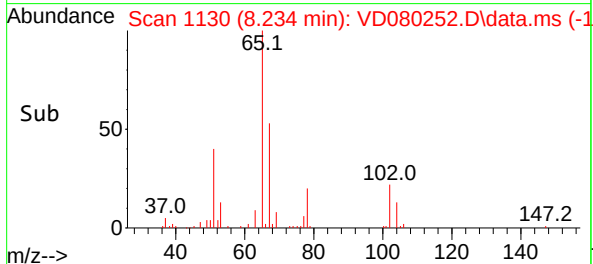
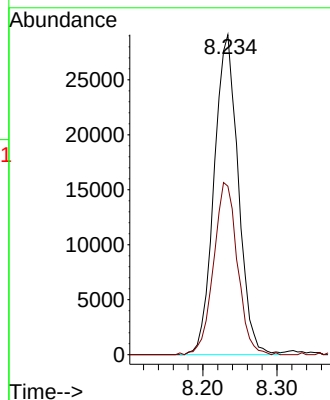
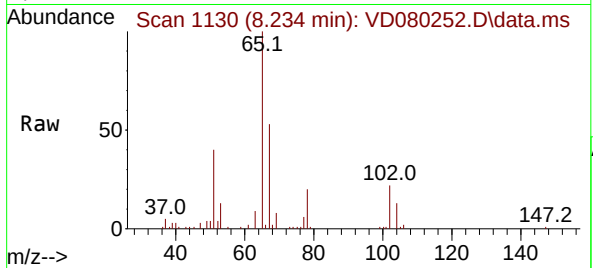
67 53.2 0.0 107.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

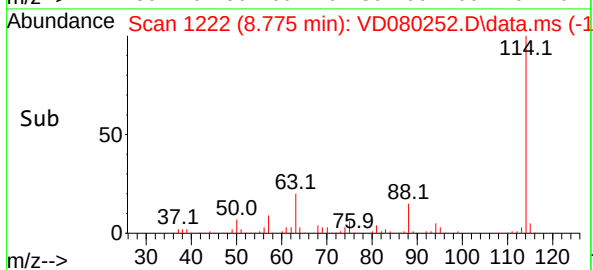
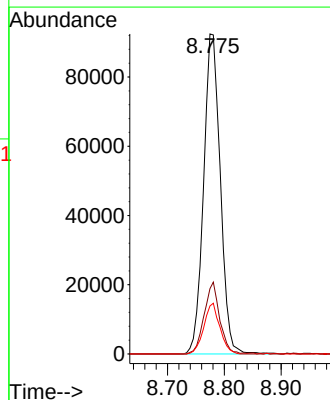
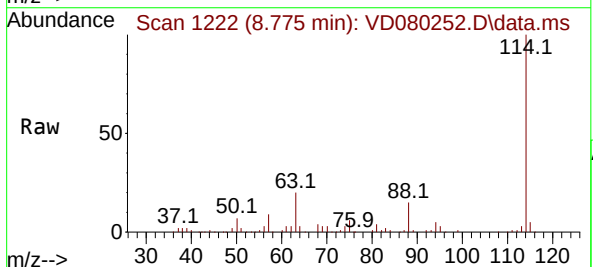
Tgt Ion:114 Resp: 188747

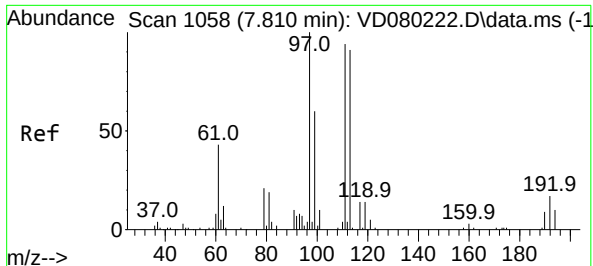
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.8

88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 44.581 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

Instrument :

MSVOA_D

ClientSampleId :

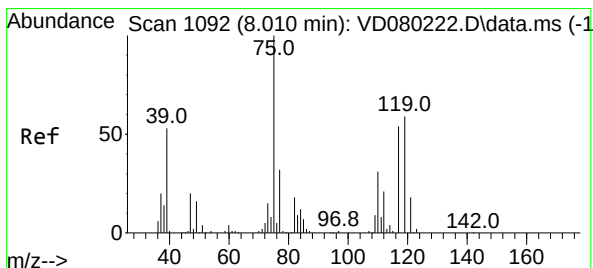
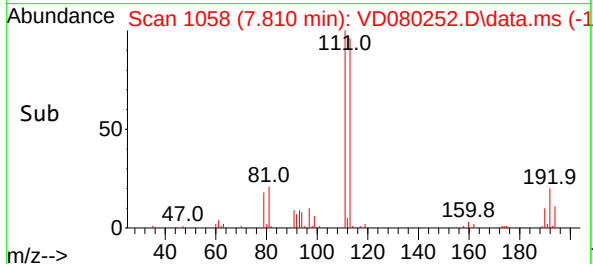
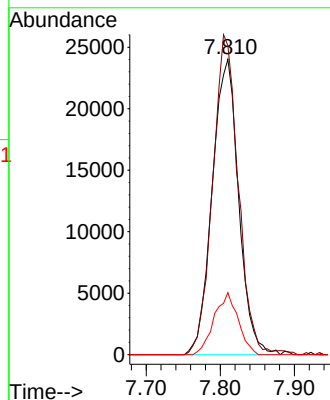
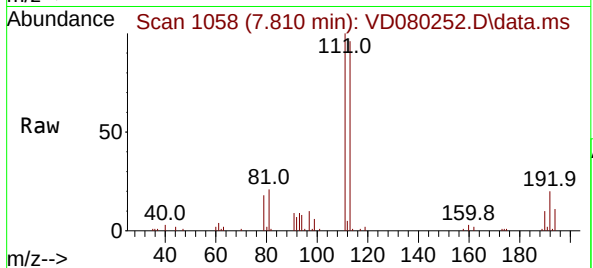
LOQ-SOIL-02-QT1-2025

Tgt Ion:	113	Resp:	5963
Ion Ratio	Lower	Upper	
113	100		
111	104.6	85.0	127.4
192	19.0	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#36

1,1-Dichloropropene

Concen: 4.126 ug/l

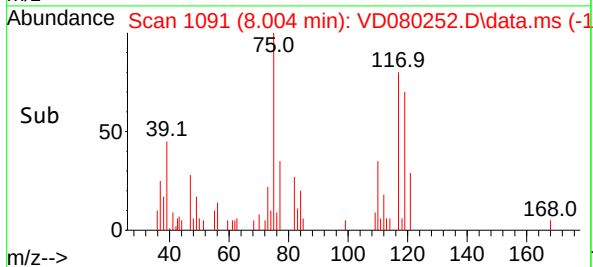
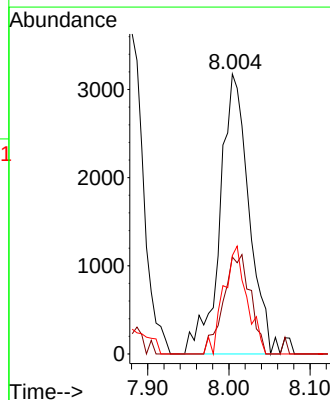
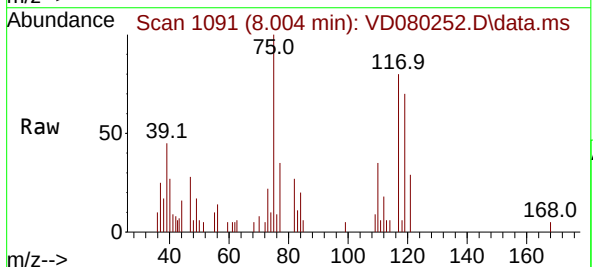
RT: 8.004 min Scan# 1091

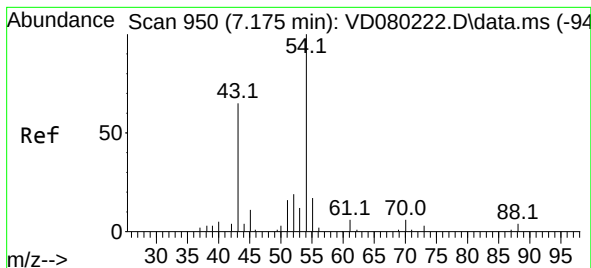
Delta R.T. -0.006 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

Tgt Ion:	75	Resp:	7906
Ion Ratio	Lower	Upper	
75	100		
110	32.9	17.1	51.2
77	31.0	25.6	38.4





#37

Ethyl Acetate

Concen: 4.194 ug/l

RT: 7.175 min Scan# 950

Delta R.T. -0.000 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2025

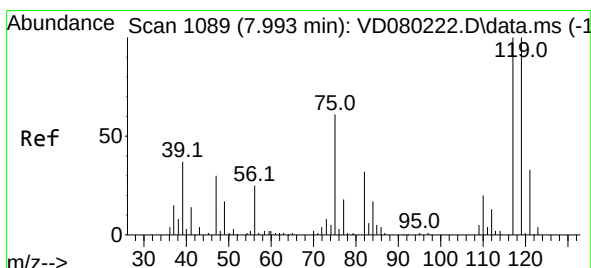
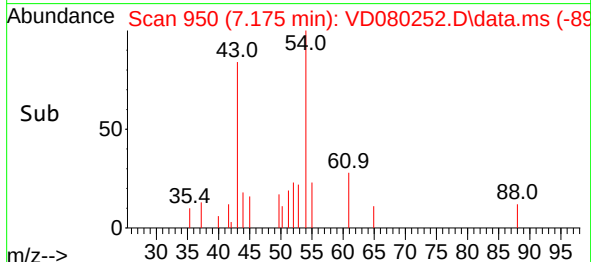
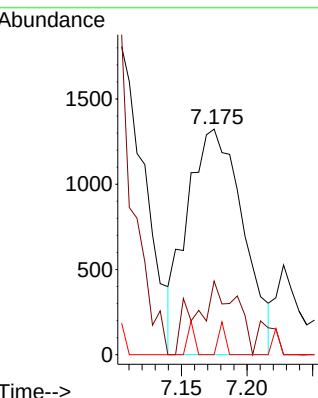
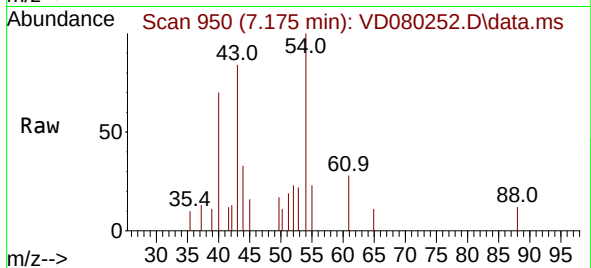
Tgt Ion: 43 Resp: 3940

Ion	Ratio	Lower	Upper
43	100		
61	23.2	11.4	17.0
70	1.7	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#38

Carbon Tetrachloride

Concen: 4.506 ug/l

RT: 7.993 min Scan# 1089

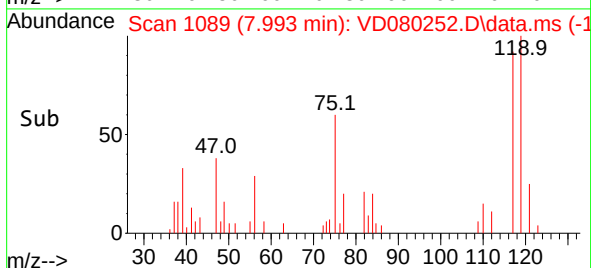
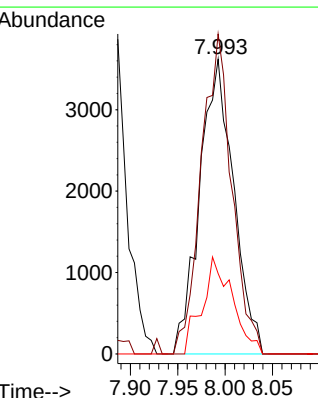
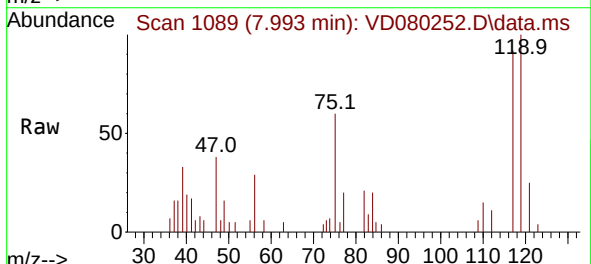
Delta R.T. -0.000 min

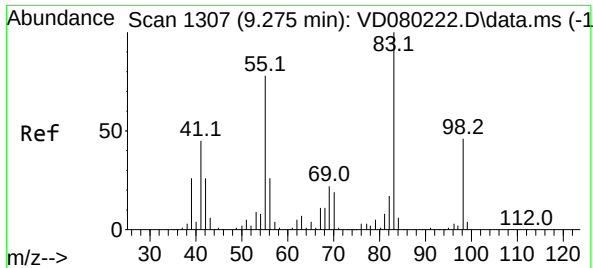
Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

Tgt Ion:117 Resp: 9018

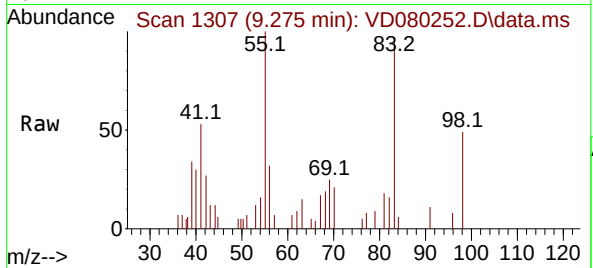
Ion	Ratio	Lower	Upper
117	100		
119	108.6	79.8	119.6
121	27.3	26.6	39.8





#39
Methylcyclohexane
Concen: 3.591 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

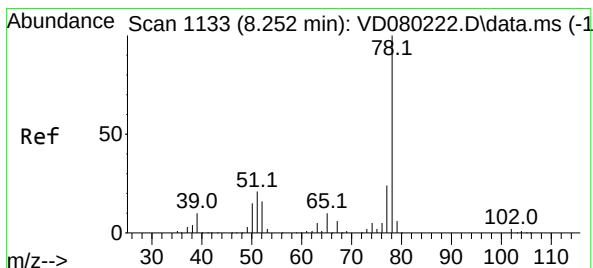
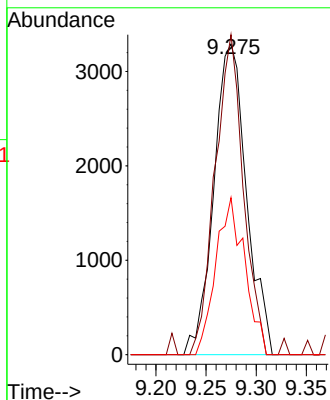
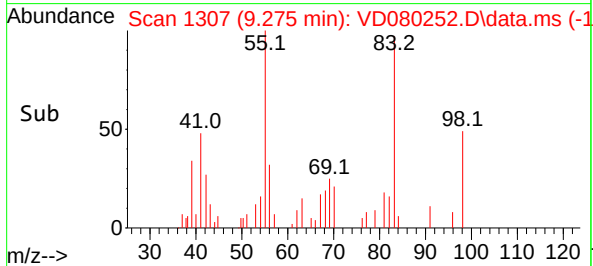
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2025



Tgt Ion: 83 Resp: 7474
Ion Ratio Lower Upper
83 100
55 103.0 62.5 93.7
98 50.5 37.1 55.7

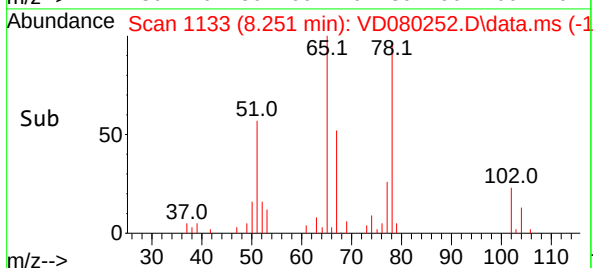
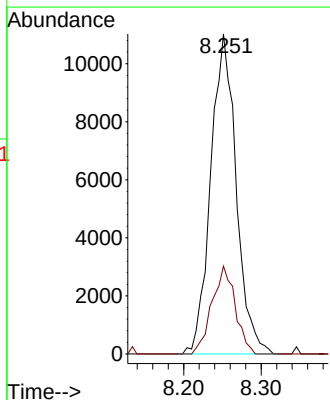
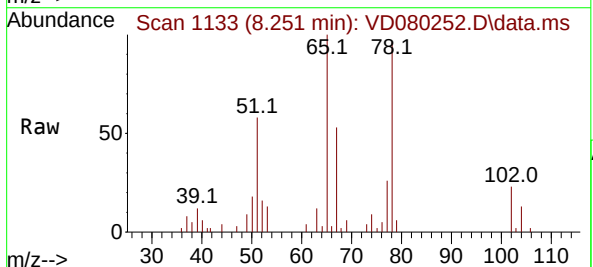
Manual Integrations
APPROVED

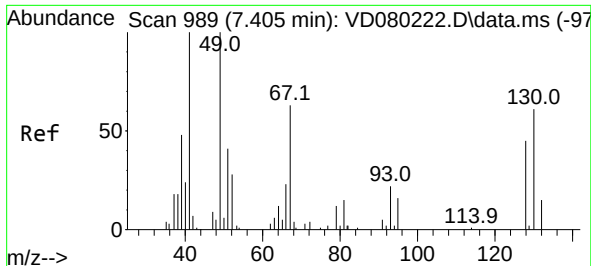
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#40
Benzene
Concen: 4.192 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

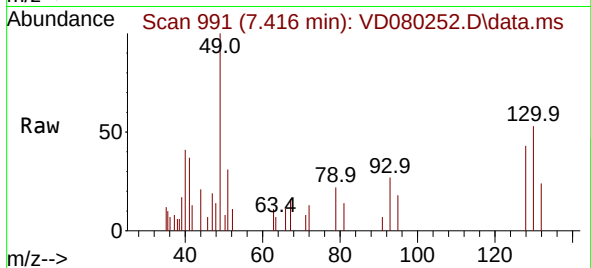
Tgt Ion: 78 Resp: 25176
Ion Ratio Lower Upper
78 100
77 27.4 19.2 28.8





#41
Methacrylonitrile
Concen: 4.138 ug/l
RT: 7.416 min Scan# 991
Delta R.T. 0.012 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

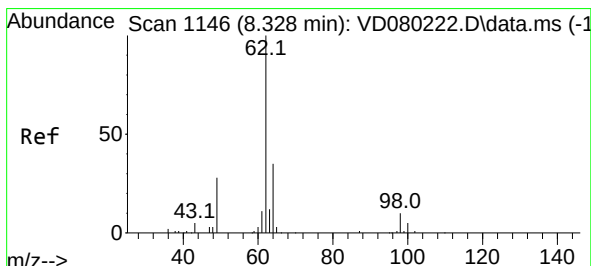
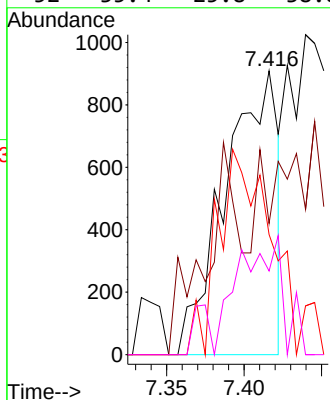
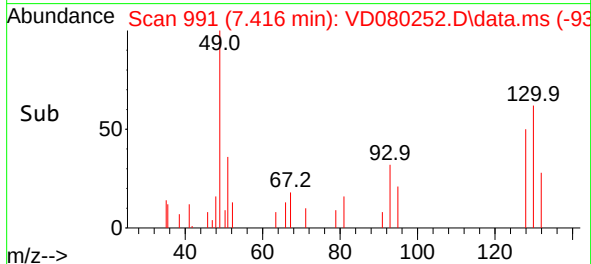
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion: 41 Resp: 2140
Ion Ratio Lower Upper
41 100
39 23.3 44.7 67.1
67 0.0 55.0 82.4
52 35.4 25.8 38.8

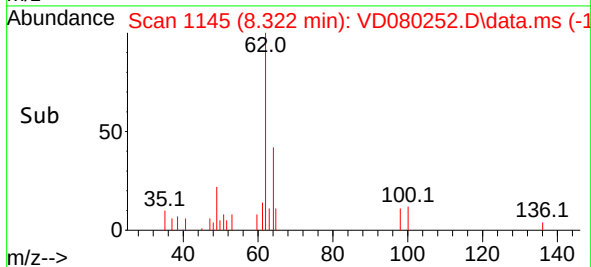
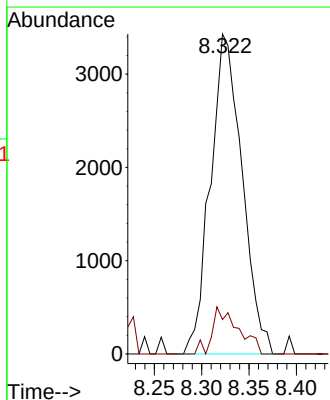
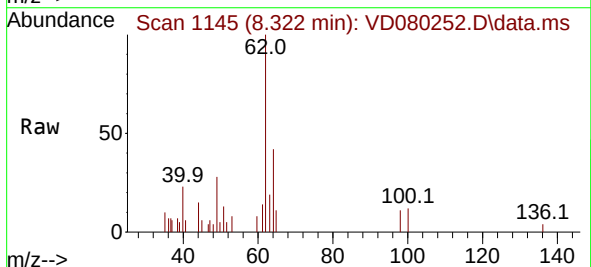
Manual Integrations
APPROVED

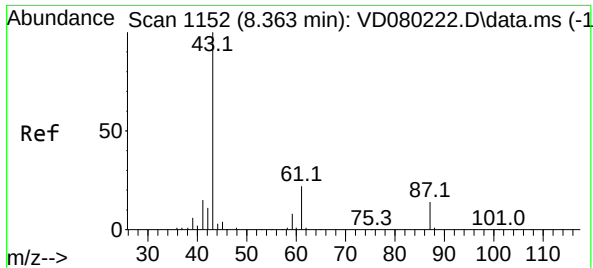
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#42
1,2-Dichloroethane
Concen: 4.673 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Tgt Ion: 62 Resp: 7986
Ion Ratio Lower Upper
62 100
98 12.1 0.0 18.4





#43

Isopropyl Acetate

Concen: 4.373 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

Instrument :

MSVOA_D

ClientSampleId :

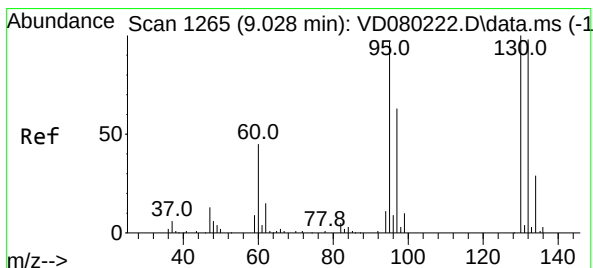
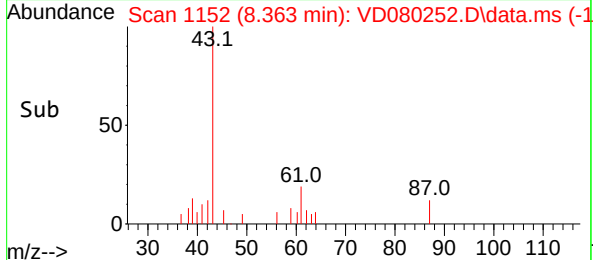
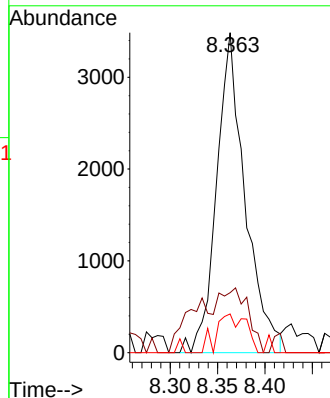
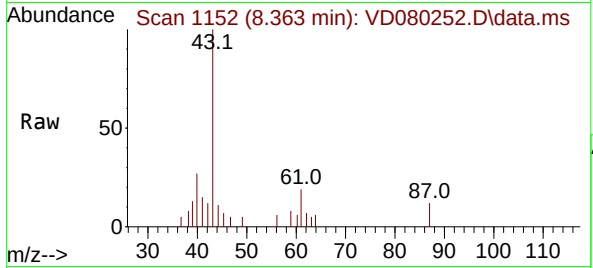
LOQ-SOIL-02-QT1-2025

Tgt Ion: 43	Resp: 729
Ion Ratio	Lower Upper
43	100
61	20.4 25.0 37.4
87	12.5 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#44

Trichloroethene

Concen: 5.026 ug/l

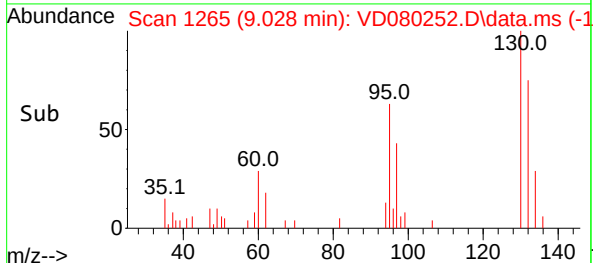
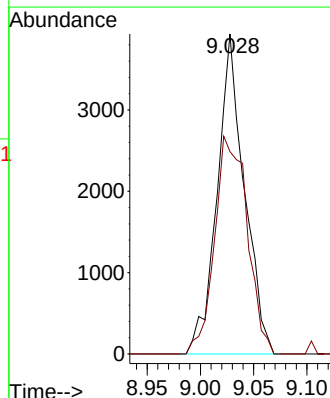
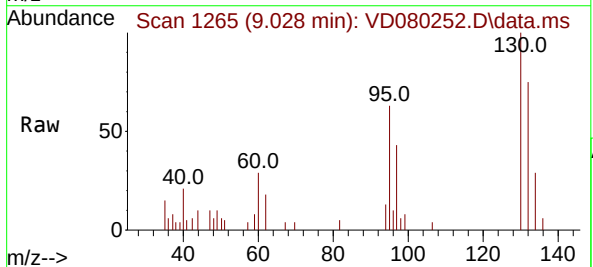
RT: 9.028 min Scan# 1265

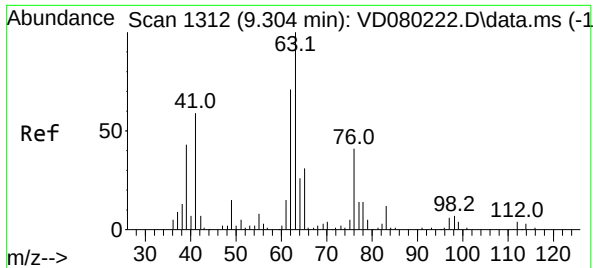
Delta R.T. -0.000 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

Tgt Ion:130	Resp: 6973
Ion Ratio	Lower Upper
130	100
95	63.3 0.0 194.2





#45

1,2-Dichloropropane

Concen: 4.503 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

Instrument :

MSVOA_D

ClientSampleId :

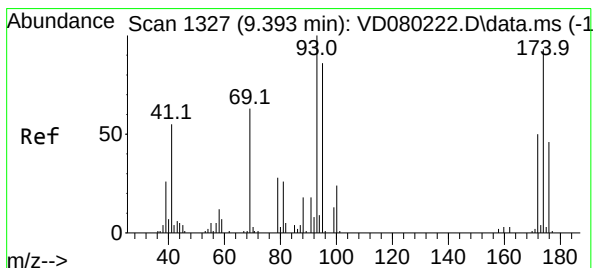
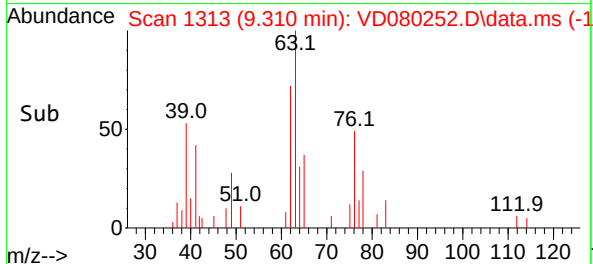
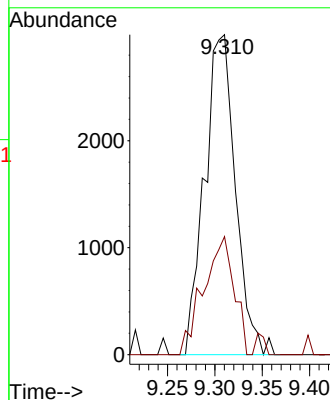
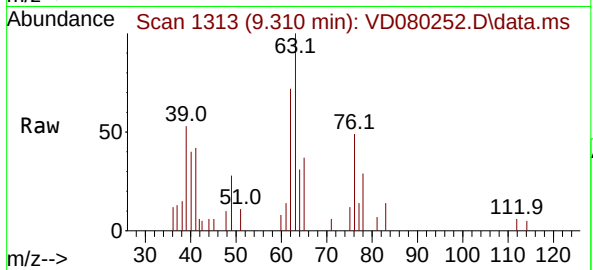
LOQ-SOIL-02-QT1-2025

Tgt Ion: 63 Resp: 680
 Ion Ratio Lower Upper
 63 100
 65 36.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025



#46

Dibromomethane

Concen: 4.897 ug/l

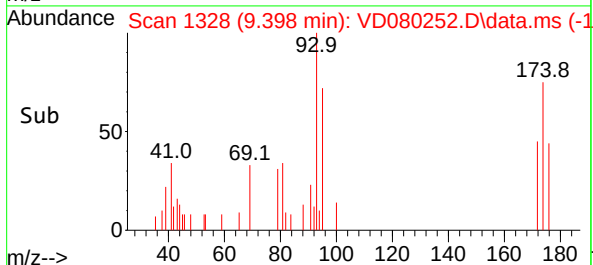
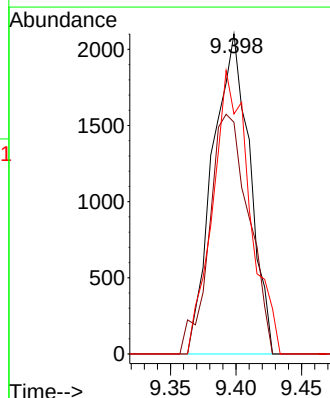
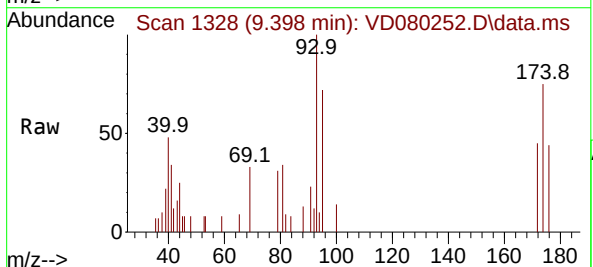
RT: 9.398 min Scan# 1328

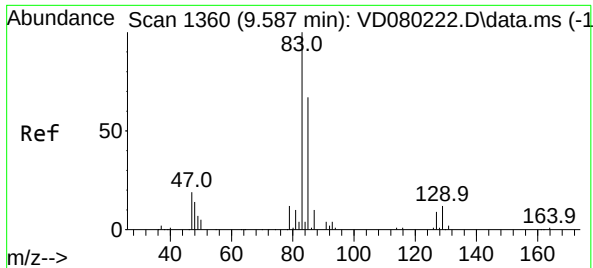
Delta R.T. 0.006 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

Tgt Ion: 93 Resp: 4121
 Ion Ratio Lower Upper
 93 100
 95 79.7 66.8 100.2
 174 88.6 76.8 115.2





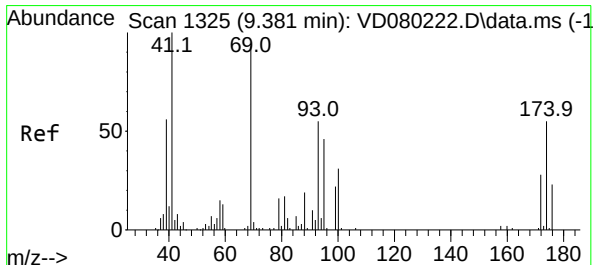
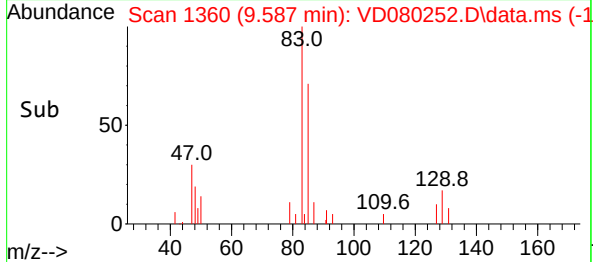
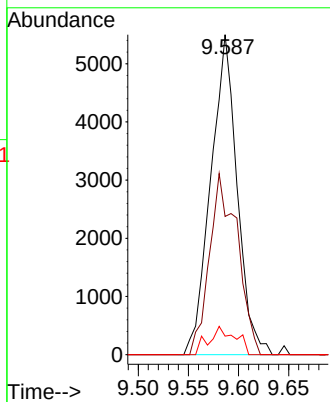
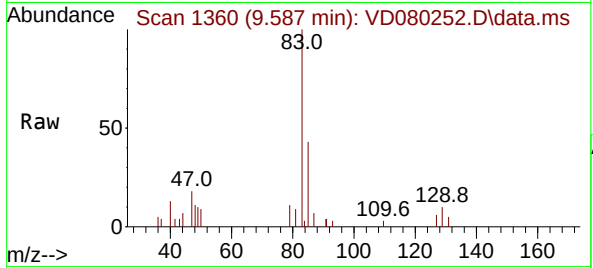
#47
Bromodichloromethane
Concen: 4.754 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Instrument : MSVOA_D
ClientSampleId : VD080252.D
LOQ-SOIL-02-QT1-2025

Tgt Ion: 83 Resp: 10089
Ion Ratio Lower Upper
83 100
85 43.2 53.6 80.4
127 5.8 7.4 11.2

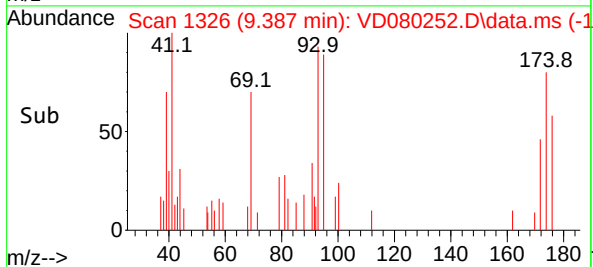
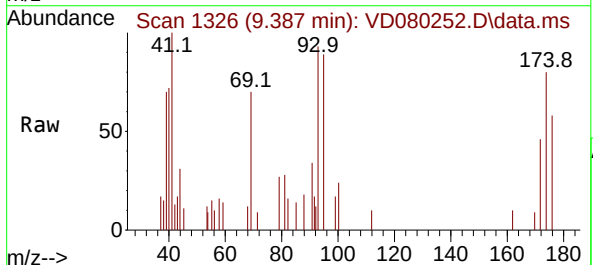
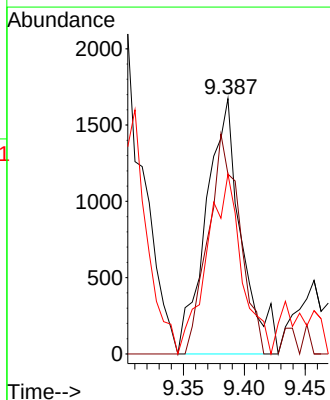
Manual Integrations
APPROVED

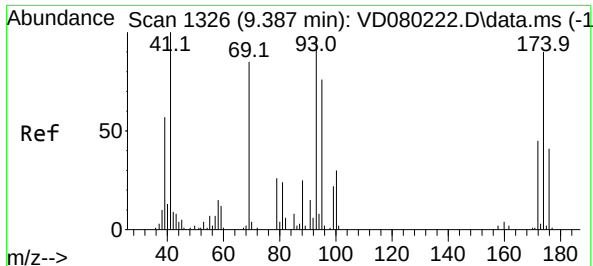
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#48
Methyl methacrylate
Concen: 4.330 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Tgt Ion: 41 Resp: 3341
Ion Ratio Lower Upper
41 100
69 78.2 73.7 110.5
39 70.3 49.4 74.2





#49

1,4-Dioxane

Concen: 66.736 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.012 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2025

Tgt Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

43 72.3 28.5 42.7

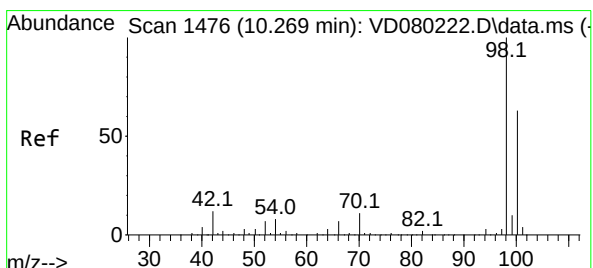
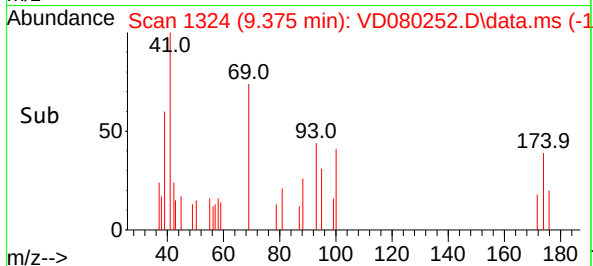
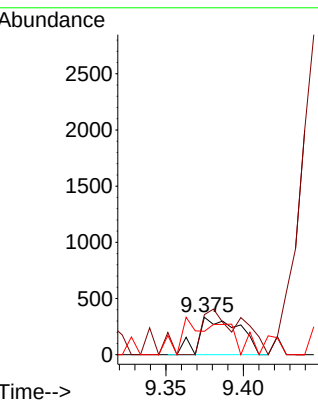
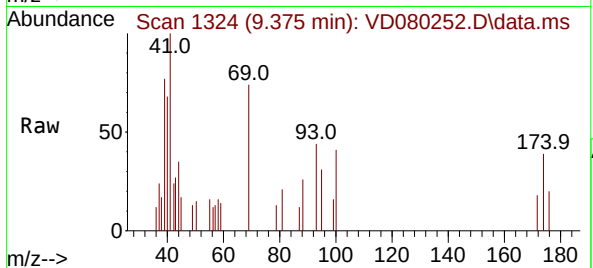
58 58.6 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#50

Toluene-d8

Concen: 41.894 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD080252.D

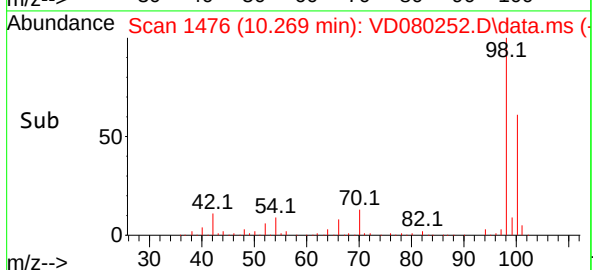
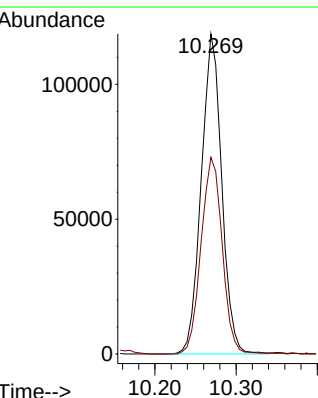
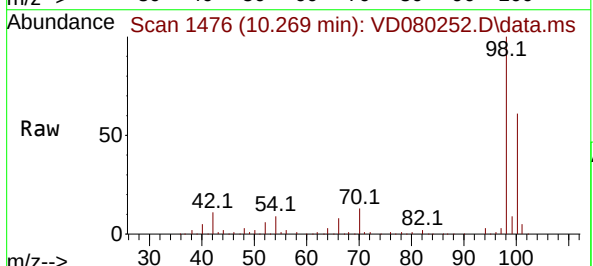
Acq: 06 Feb 2025 16:52

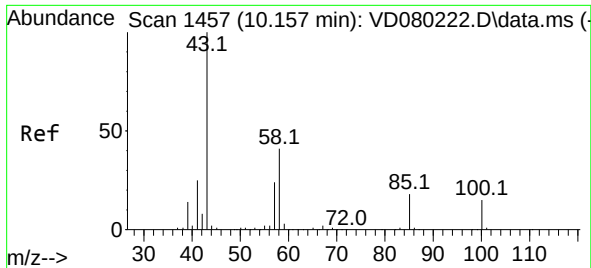
Tgt Ion: 98 Resp: 207828

Ion Ratio Lower Upper

98 100

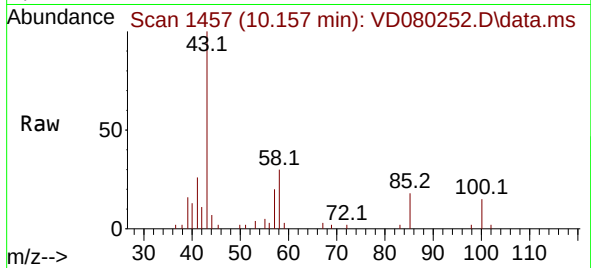
100 63.7 50.2 75.4





#51
4-Methyl-2-Pentanone
Concen: 20.272 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

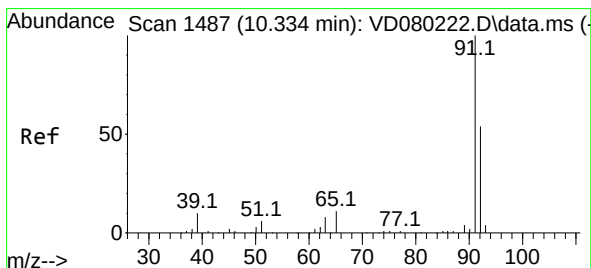
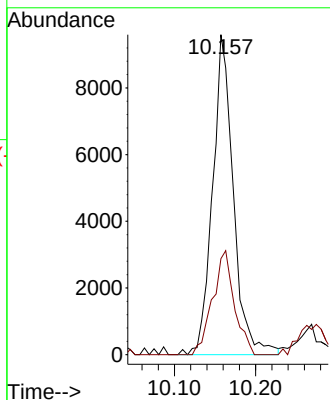
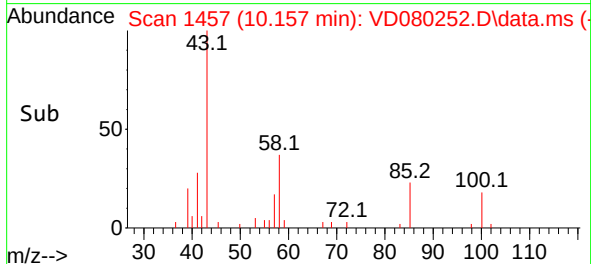
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



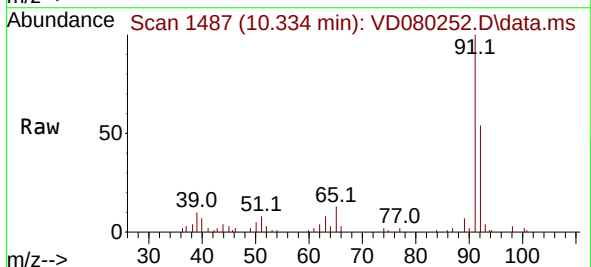
Tgt Ion: 43 Resp: 17092
Ion Ratio Lower Upper
43 100
58 33.9 31.1 46.7

Manual Integrations
APPROVED

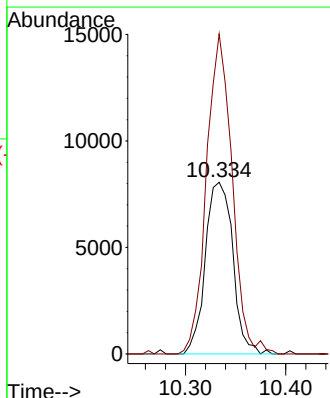
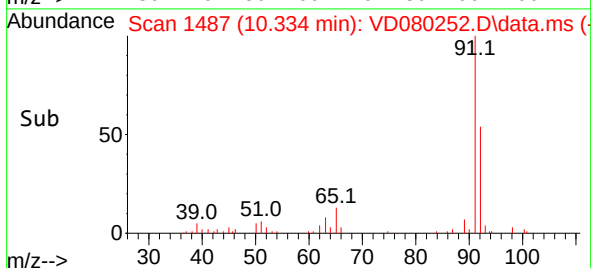
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

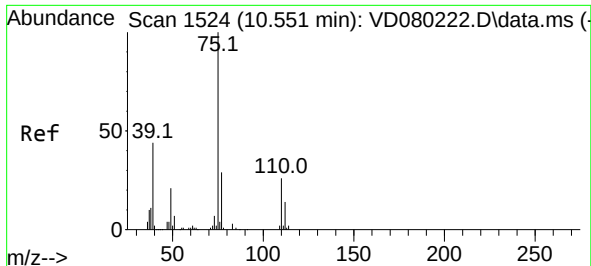


#52
Toluene
Concen: 4.365 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52



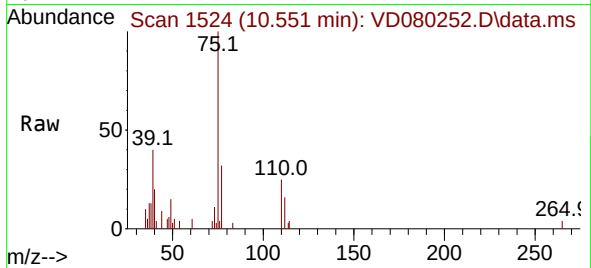
Tgt Ion: 92 Resp: 15333
Ion Ratio Lower Upper
92 100
91 174.6 144.7 217.1





#53
t-1,3-Dichloropropene
Concen: 4.458 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

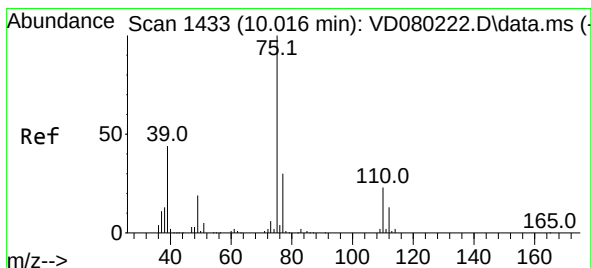
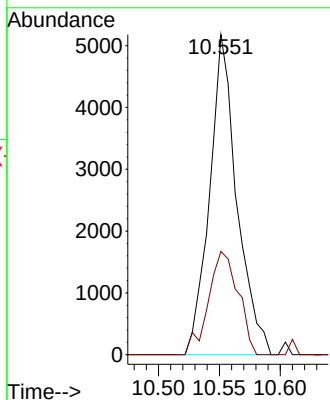
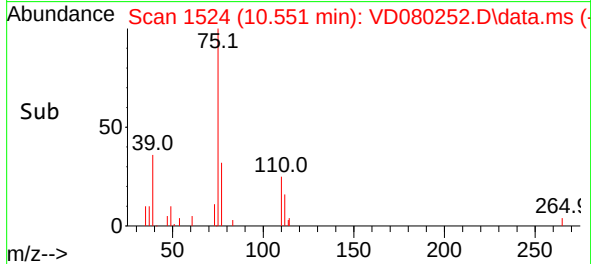
Instrument : MSVOA_D
ClientSampleId : VD080252.D
LOQ-SOIL-02-QT1-2025



Tgt Ion: 75 Resp: 806
Ion Ratio Lower Upper
75 100
77 32.3 23.0 34.4

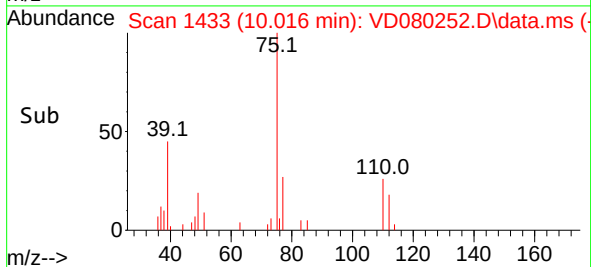
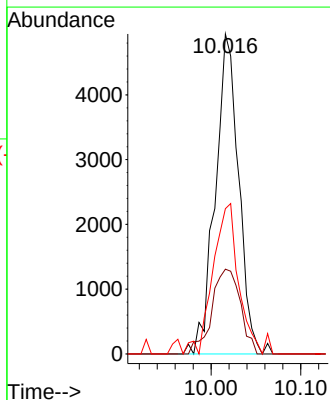
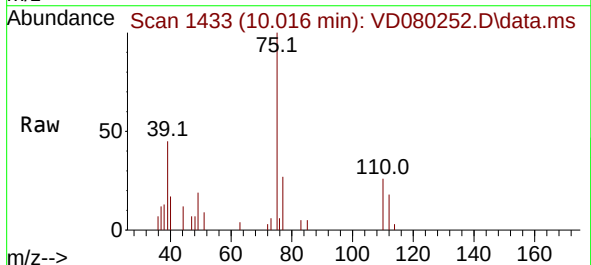
Manual Integrations
APPROVED

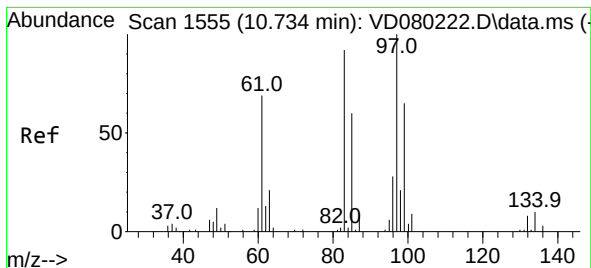
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#54
cis-1,3-Dichloropropene
Concen: 4.067 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

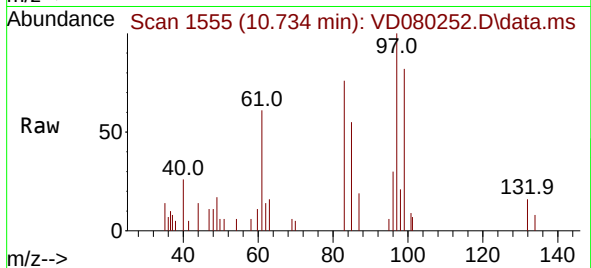
Tgt Ion: 75 Resp: 8950
Ion Ratio Lower Upper
75 100
77 26.5 24.1 36.1
39 45.4 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 4.948 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

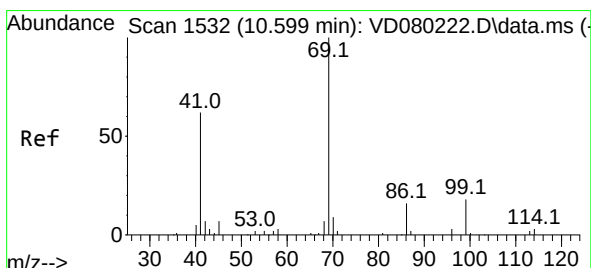
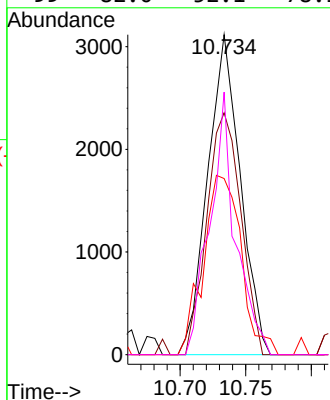
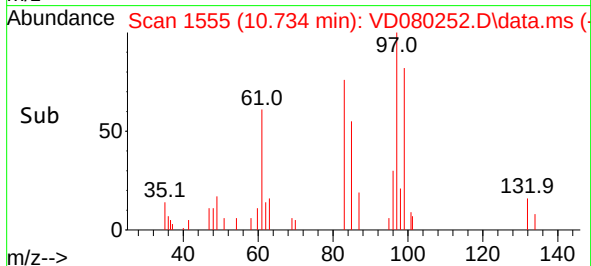
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2025



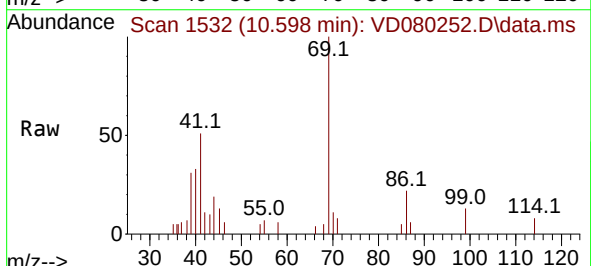
Tgt Ion: 97 Resp: 541
Ion Ratio Lower Upper
97 100
83 75.6 73.9 110.9
85 55.0 48.2 72.2
99 82.0 52.1 78.1#

Manual Integrations
APPROVED

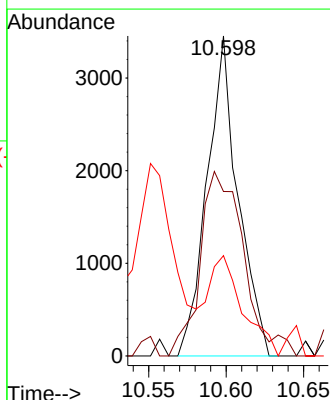
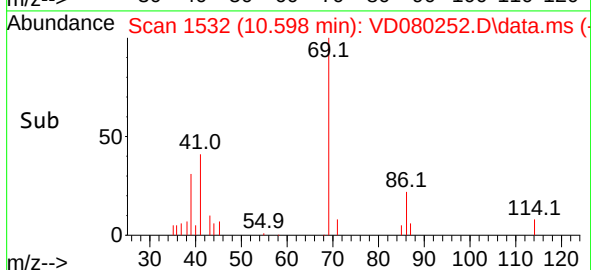
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

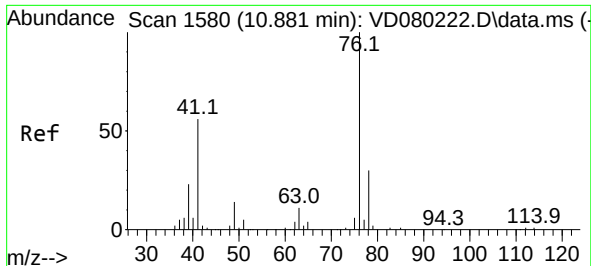


#56
Ethyl methacrylate
Concen: 3.853 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52



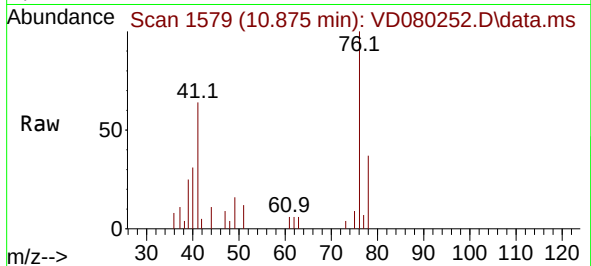
Tgt Ion: 69 Resp: 4807
Ion Ratio Lower Upper
69 100
41 80.9 51.8 77.6#
39 35.3 28.7 43.1





#57
1,3-Dichloropropane
Concen: 4.524 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

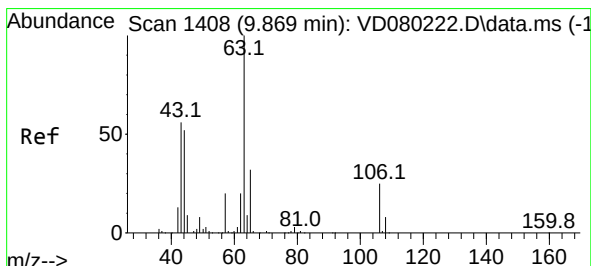
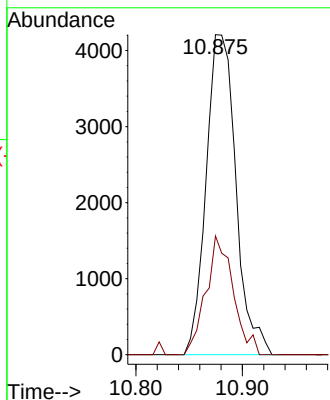
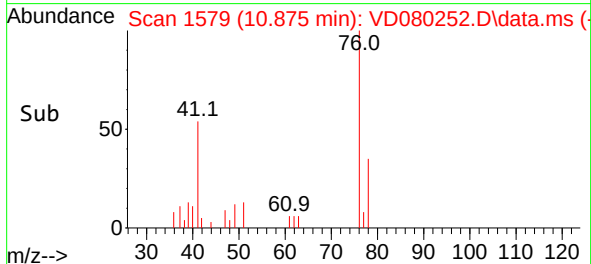
Instrument : MSVOA_D
ClientSampleId : VD080252.D
LOQ-SOIL-02-QT1-2025



Tgt Ion: 76 Resp: 818
Ion Ratio Lower Upper
76 100
78 33.9 25.0 37.4

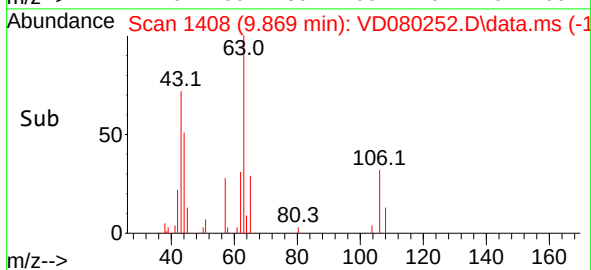
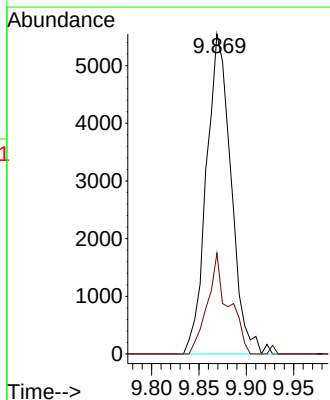
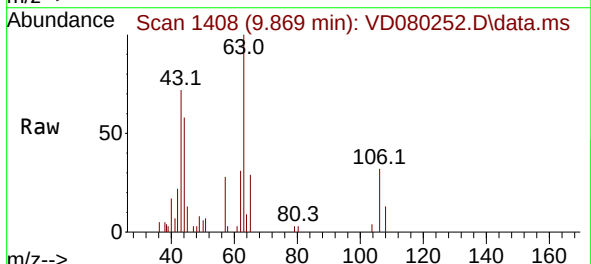
Manual Integrations
APPROVED

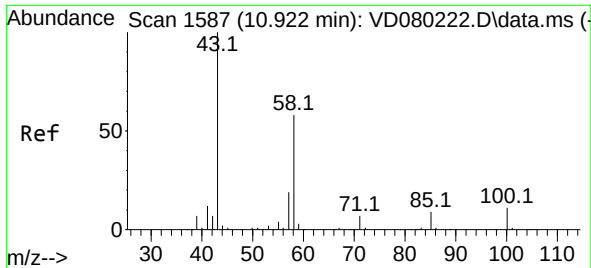
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#58
2-Chloroethyl Vinyl ether
Concen: 18.896 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

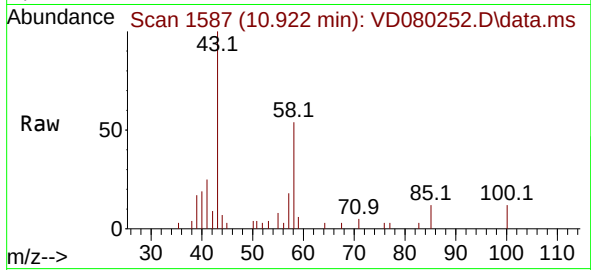
Tgt Ion: 63 Resp: 10063
Ion Ratio Lower Upper
63 100
106 26.8 20.6 30.8





#59
2-Hexanone
Concen: 20.039 ug/l
RT: 10.922 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

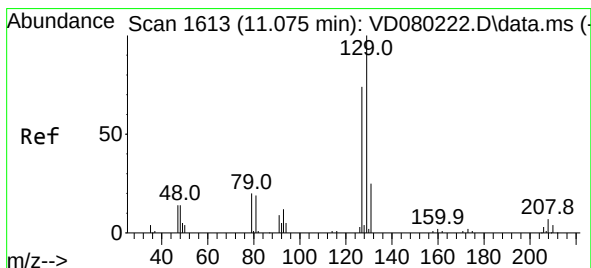
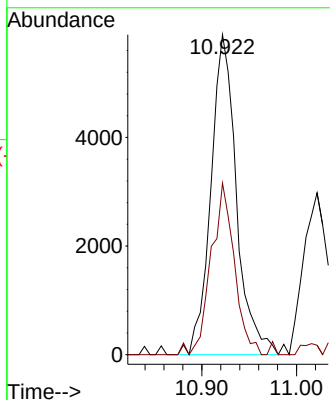
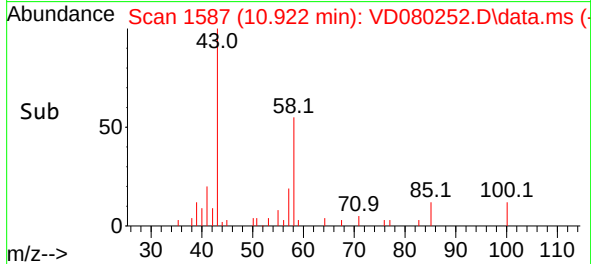
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion: 43 Resp: 1108
Ion Ratio Lower Upper
43 100
58 48.8 27.4 82.2

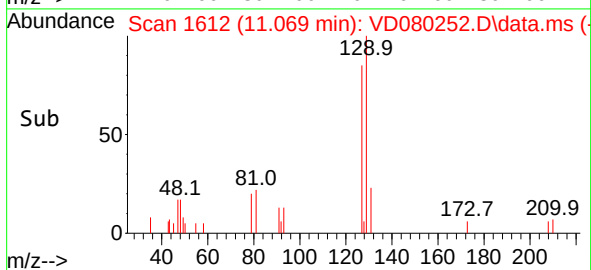
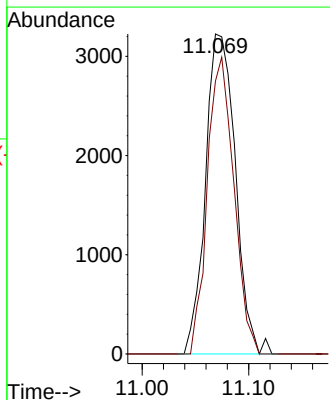
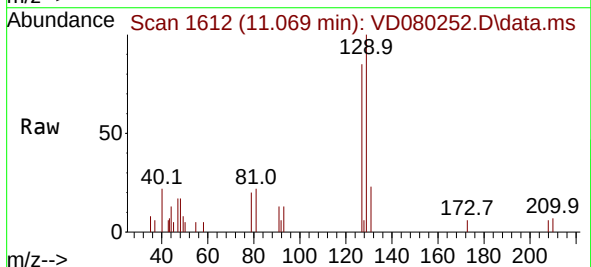
Manual Integrations
APPROVED

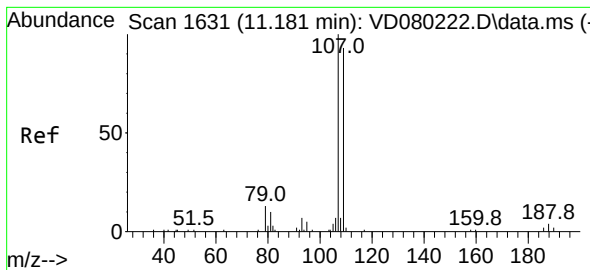
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#60
Dibromochloromethane
Concen: 4.667 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Tgt Ion:129 Resp: 6291
Ion Ratio Lower Upper
129 100
127 82.2 38.1 114.5





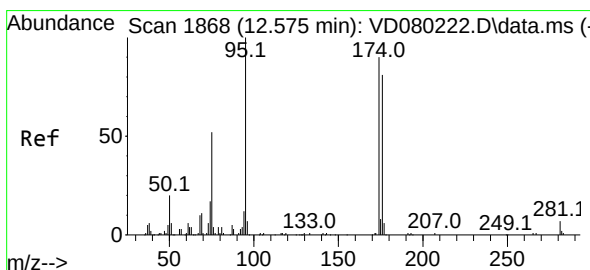
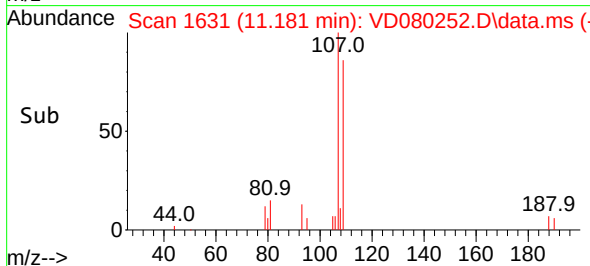
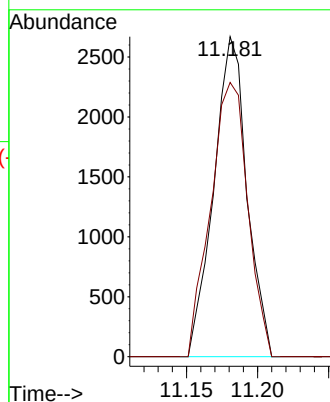
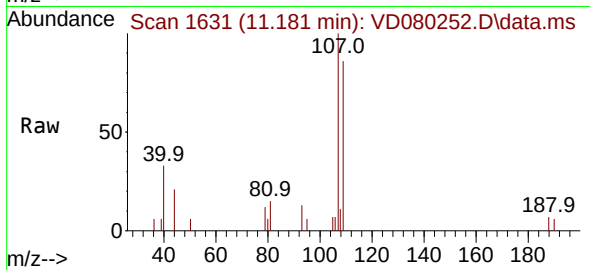
#61
1,2-Dibromoethane
Concen: 4.362 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Instrument : MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Tgt Ion:107 Resp: 4344
Ion Ratio Lower Upper
107 100
109 96.0 75.1 112.7

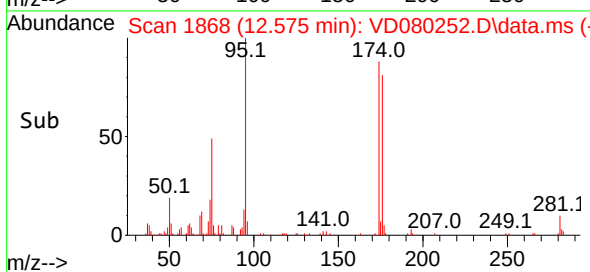
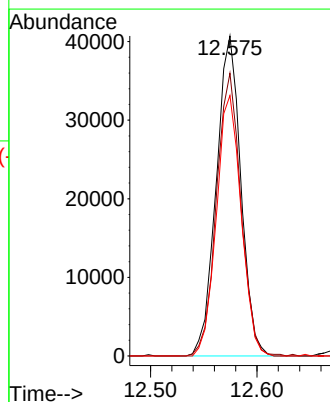
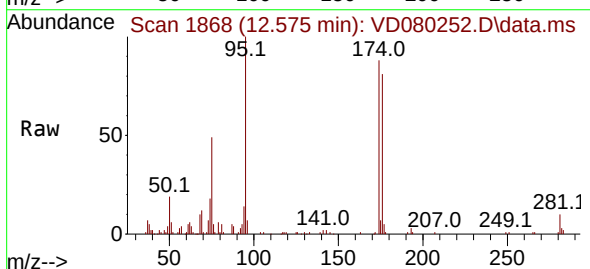
Manual Integrations
APPROVED

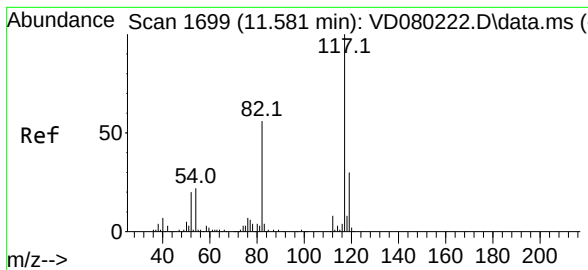
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#62
4-Bromofluorobenzene
Concen: 41.031 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

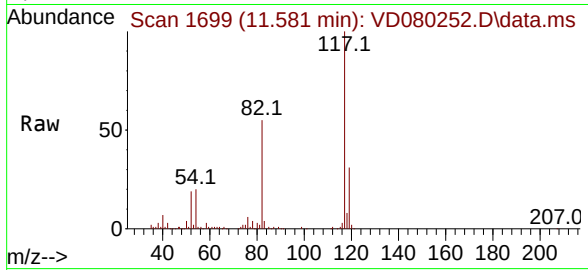
Tgt Ion: 95 Resp: 65310
Ion Ratio Lower Upper
95 100
174 87.9 0.0 171.8
176 81.8 0.0 159.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

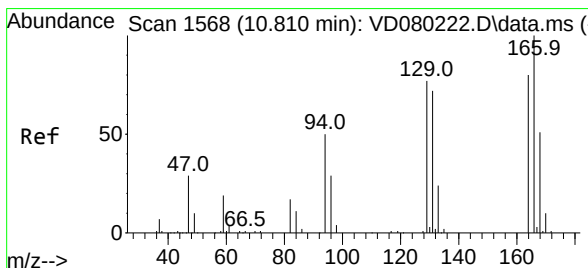
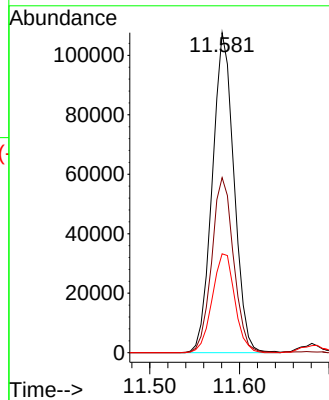
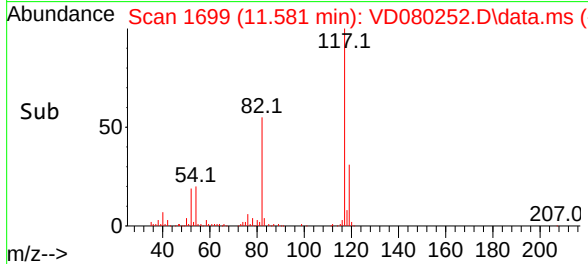
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



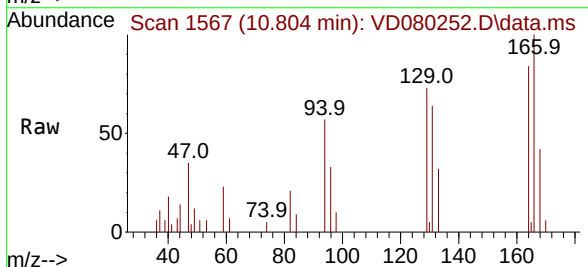
Tgt Ion:117 Resp: 18053
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.6
119 30.9 24.3 36.5

Manual Integrations
APPROVED

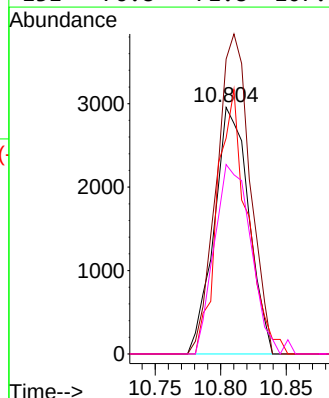
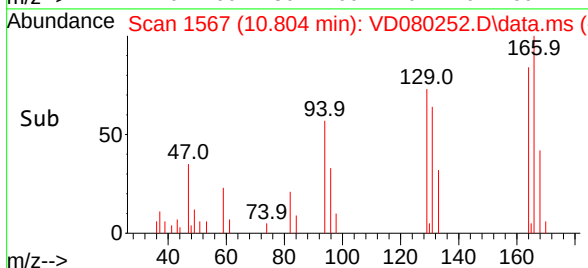
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

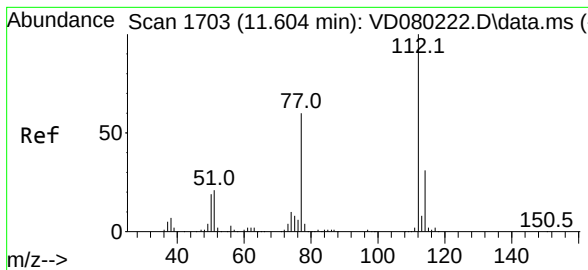


#64
Tetrachloroethene
Concen: 4.290 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52



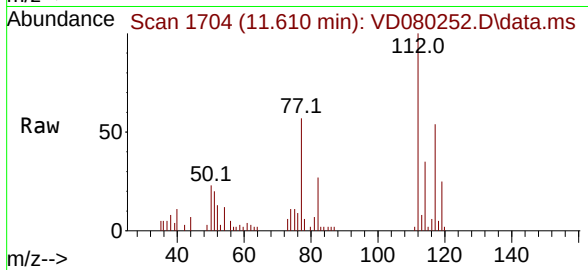
Tgt Ion:164 Resp: 5410
Ion Ratio Lower Upper
164 100
166 119.6 99.4 149.2
129 87.6 76.3 114.5
131 76.8 71.8 107.6





#65
Chlorobenzene
Concen: 4.182 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

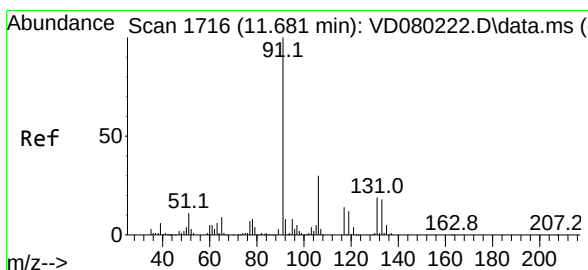
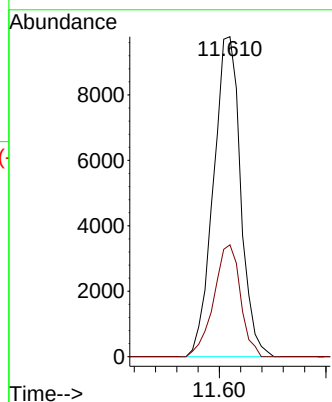
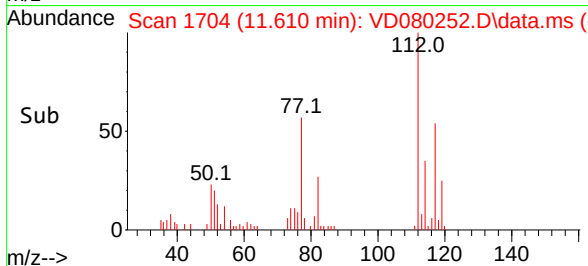
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion:112 Resp: 1730
Ion Ratio Lower Upper
112 100
114 35.0 24.5 36.7

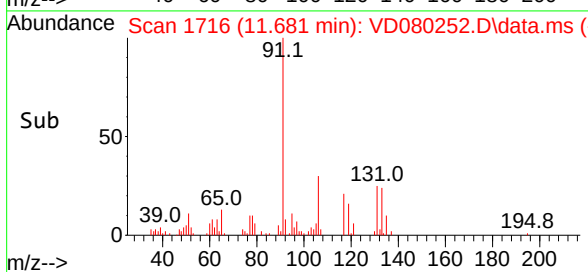
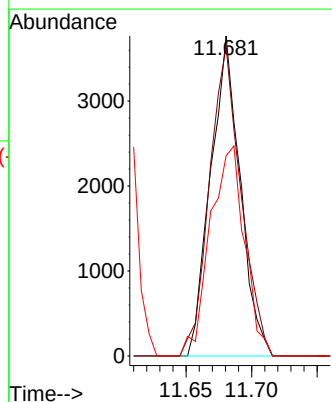
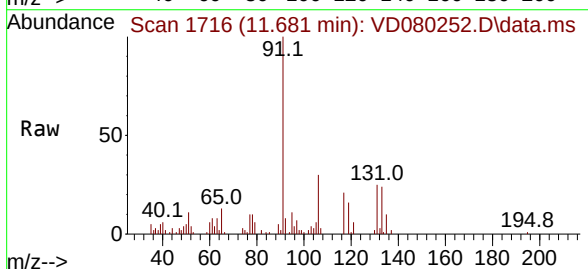
Manual Integrations
APPROVED

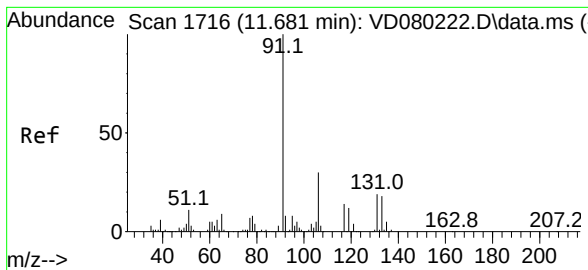
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 4.078 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Tgt Ion:131 Resp: 5903
Ion Ratio Lower Upper
131 100
133 103.2 45.9 137.7
119 76.4 33.9 101.6





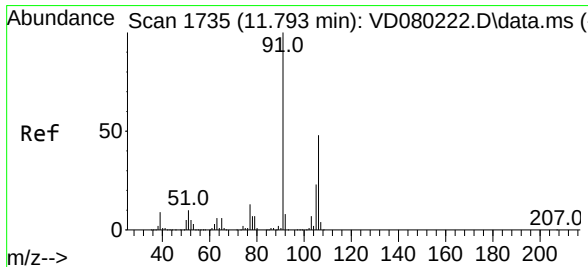
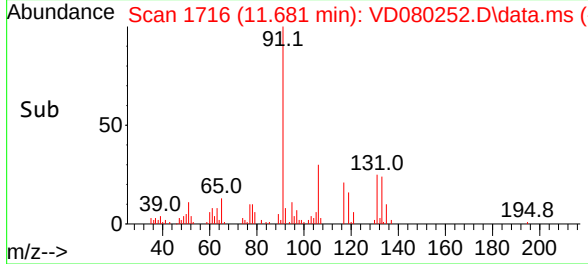
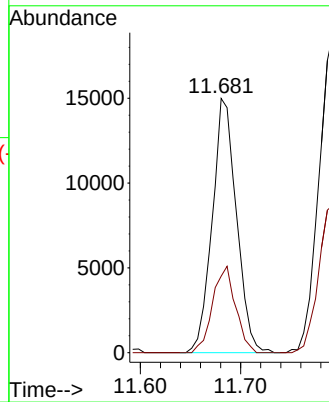
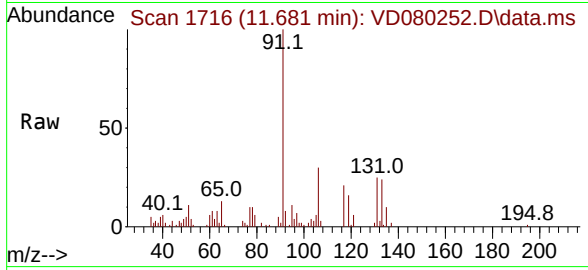
#67
Ethyl Benzene
Concen: 3.651 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2025

Tgt Ion: 91 Resp: 25135
Ion Ratio Lower Upper
91 100
106 30.1 23.9 35.9

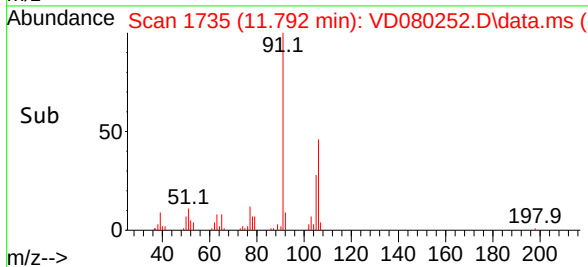
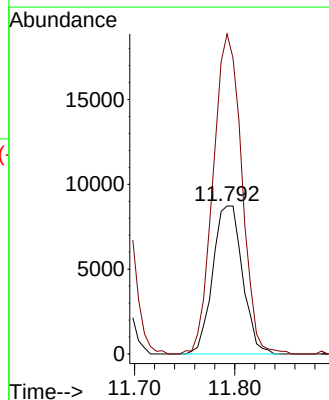
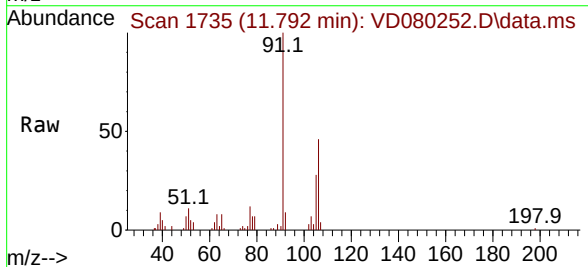
Manual Integrations
APPROVED

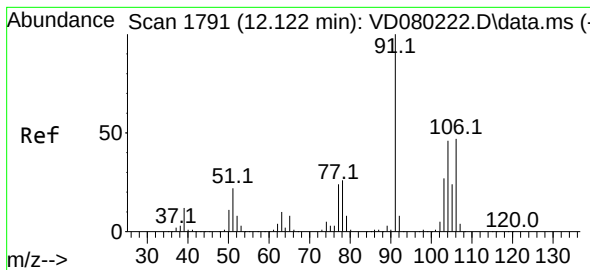
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#68
m/p-Xylenes
Concen: 6.708 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Tgt Ion:106 Resp: 17926
Ion Ratio Lower Upper
106 100
91 208.8 165.8 248.8





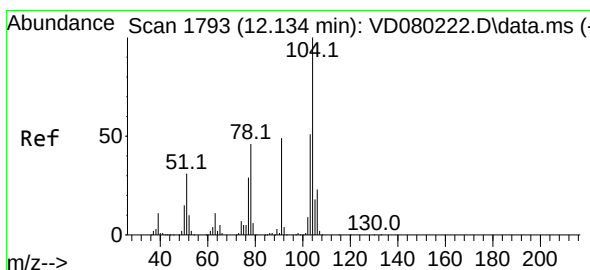
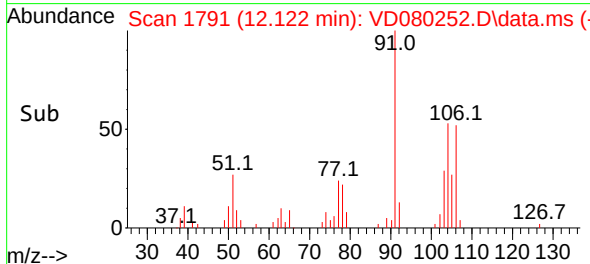
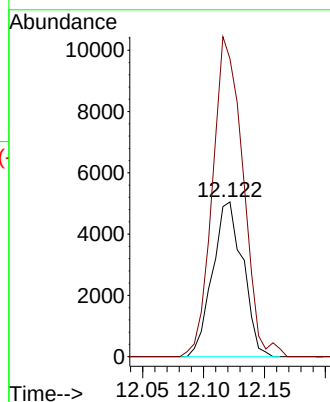
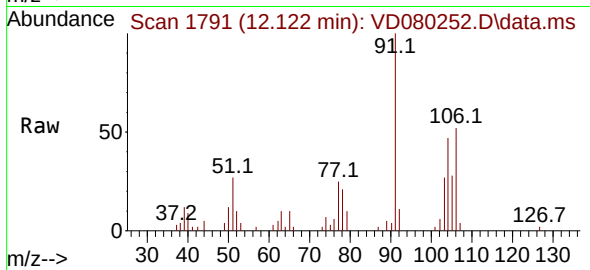
#69
o-Xylene
Concen: 3.596 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Tgt Ion:106 Resp: 876
Ion Ratio Lower Upper
106 100
91 207.1 107.7 323.3

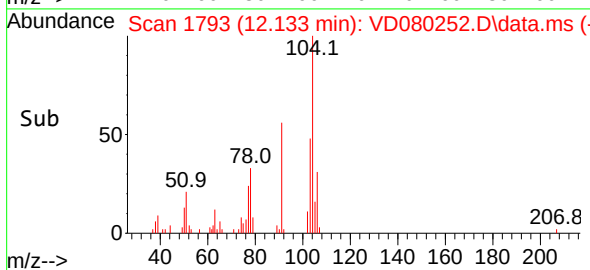
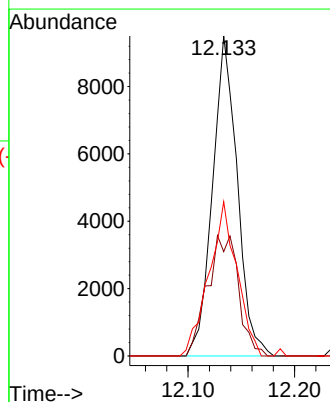
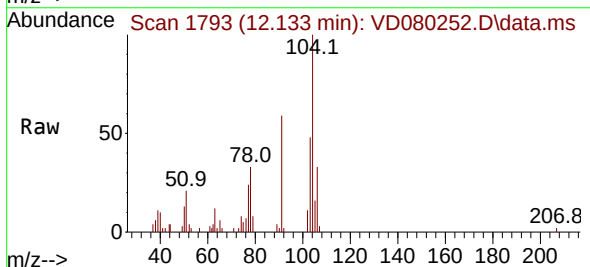
Manual Integrations
APPROVED

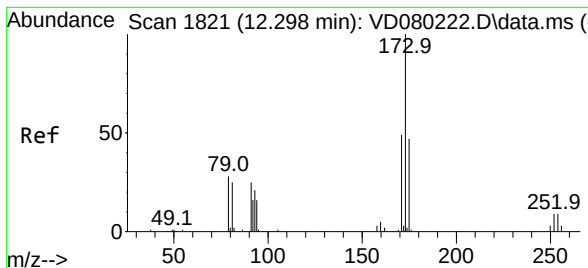
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#70
Styrene
Concen: 3.532 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Tgt Ion:104 Resp: 15324
Ion Ratio Lower Upper
104 100
78 47.7 40.7 61.1
103 54.7 45.0 67.4





#71

Bromoform

Concen: 4.347 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD080252.D

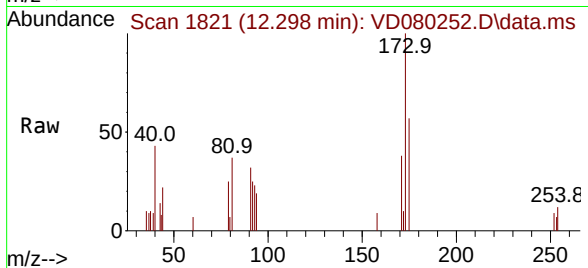
Acq: 06 Feb 2025 16:52

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2025



Tgt Ion:173 Resp: 3710

Ion Ratio Lower Upper

173 100

175 50.3 23.4 70.0

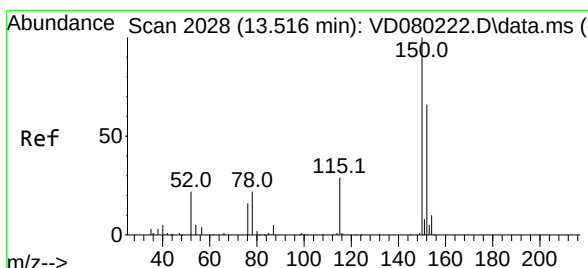
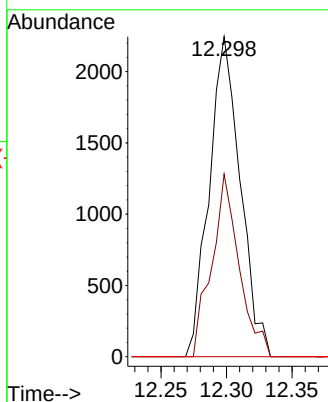
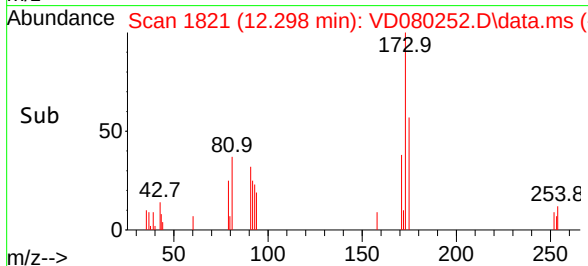
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

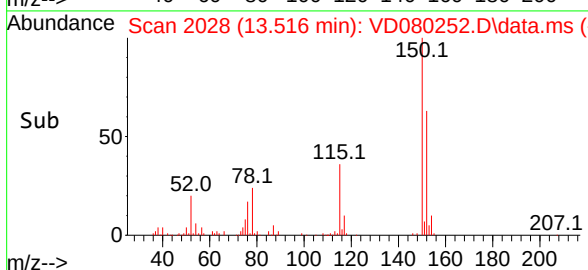
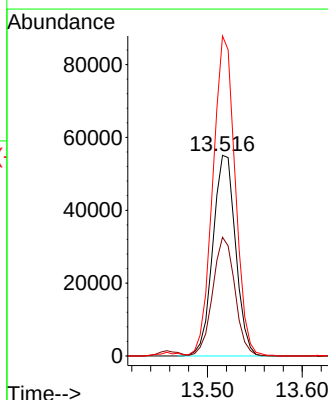
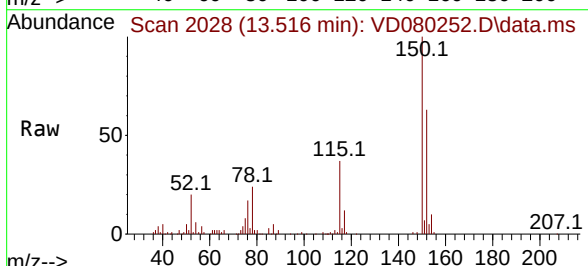
Tgt Ion:152 Resp: 91791

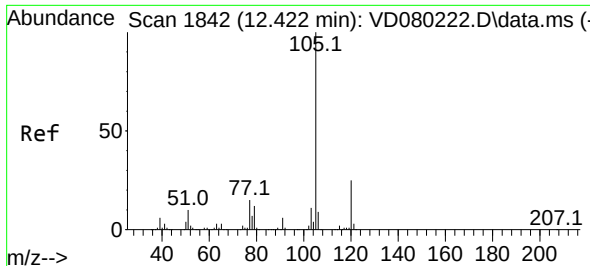
Ion Ratio Lower Upper

152 100

115 57.8 30.0 90.1

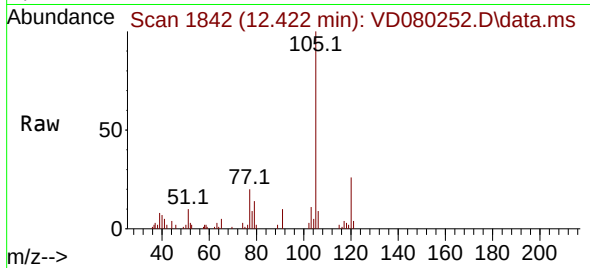
150 156.8 0.0 350.4





#73
Isopropylbenzene
Concen: 3.280 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

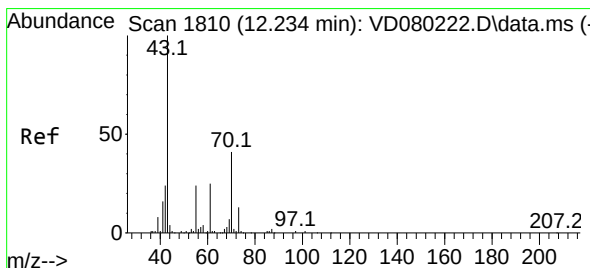
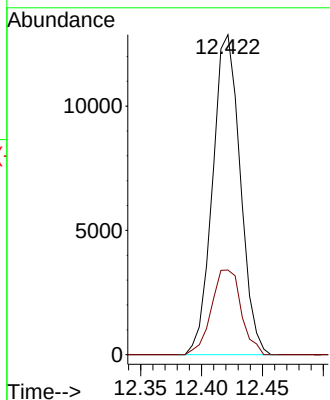
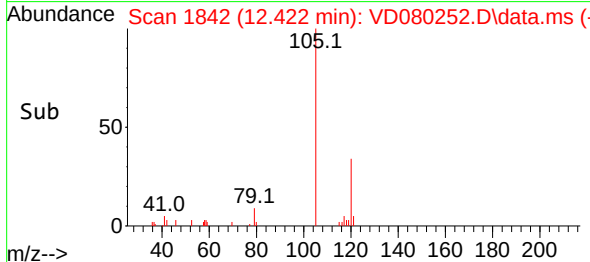
Instrument : MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion:105 Resp: 2036
Ion Ratio Lower Upper
105 100
120 28.5 12.9 38.6

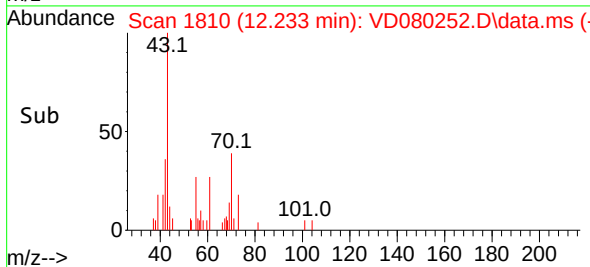
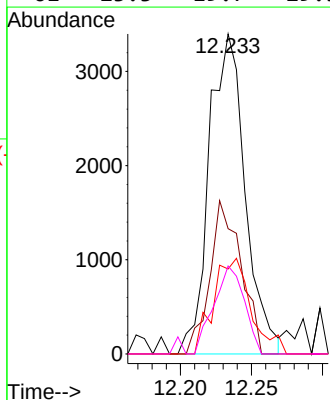
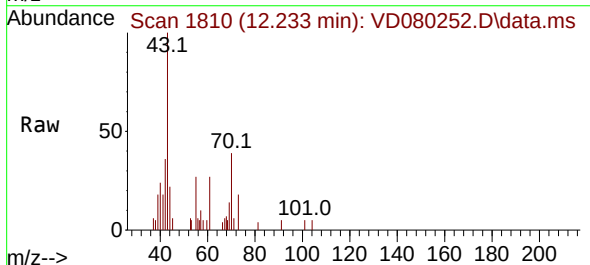
Manual Integrations
APPROVED

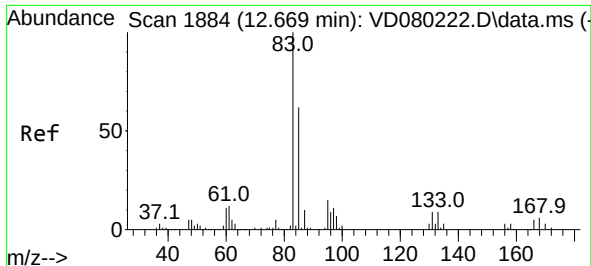
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#74
N-ethyl acetate
Concen: 3.675 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

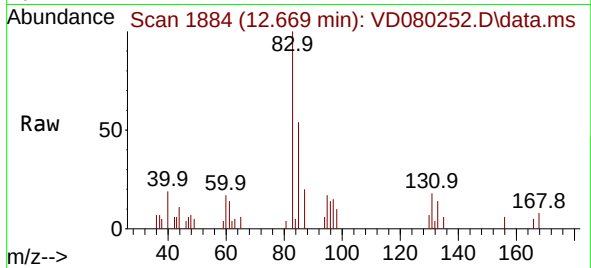
Tgt Ion: 43 Resp: 5997
Ion Ratio Lower Upper
43 100
70 41.2 33.6 50.4
55 31.3 21.4 32.0
61 23.3 19.7 29.5





#75
1,1,2,2-Tetrachloroethane
Concen: 4.952 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

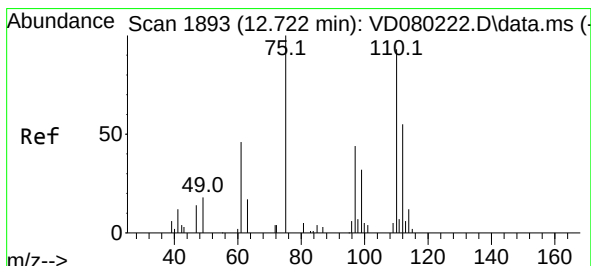
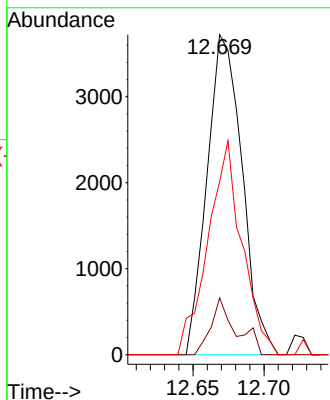
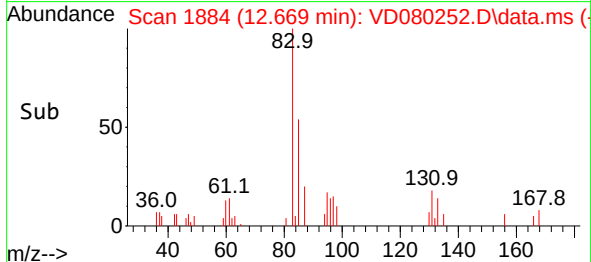
Instrument : MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion: 83 Resp: 6398
Ion Ratio Lower Upper
83 100
131 12.6 4.9 14.6
85 64.9 32.4 97.0

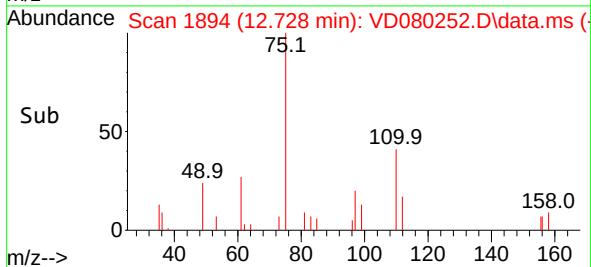
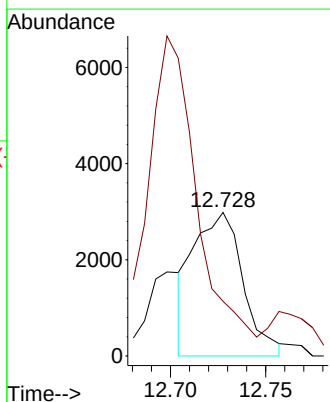
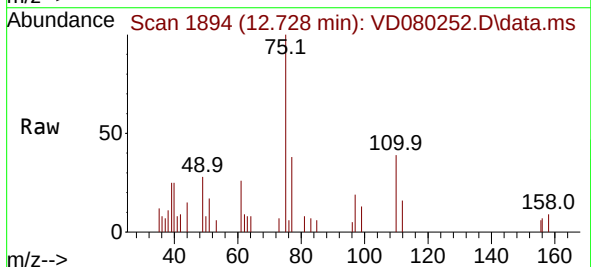
Manual Integrations
APPROVED

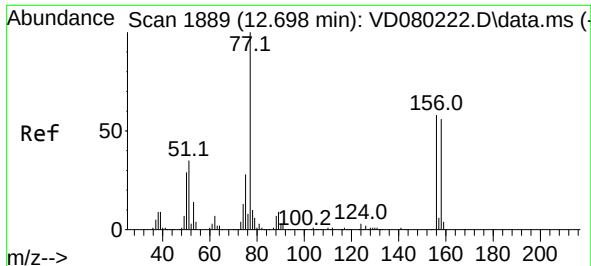
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#76
1,2,3-Trichloropropane
Concen: 5.824 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Tgt Ion: 75 Resp: 5407
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





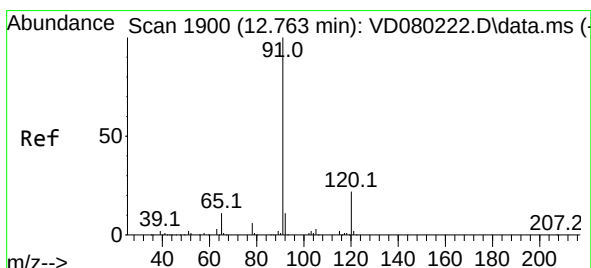
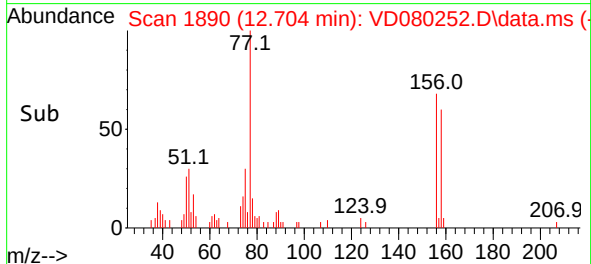
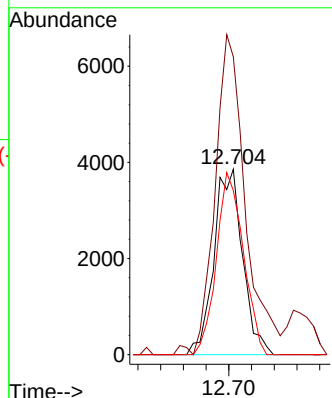
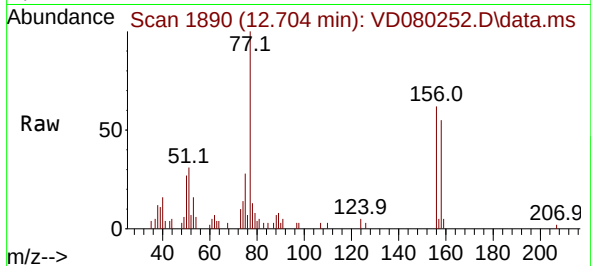
#77
Bromobenzene
Concen: 4.210 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Tgt Ion:156 Resp: 6742
Ion Ratio Lower Upper
156 100
77 182.5 95.2 285.4
158 92.7 47.8 143.3

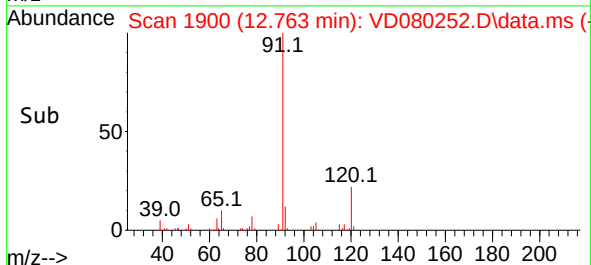
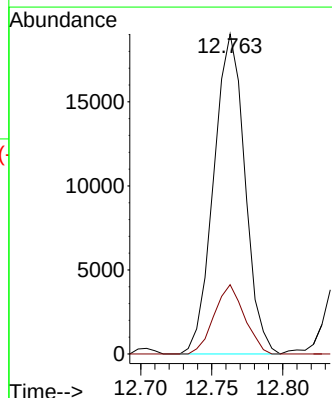
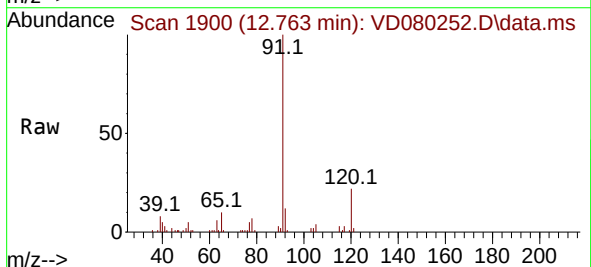
Manual Integrations
APPROVED

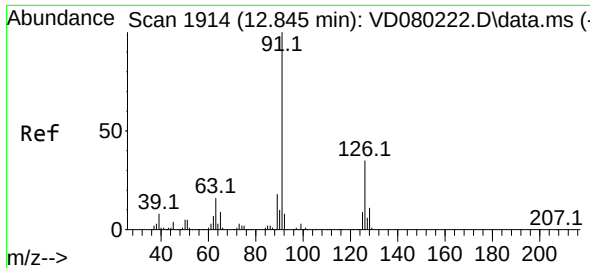
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#78
n-propylbenzene
Concen: 3.677 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Tgt Ion: 91 Resp: 29068
Ion Ratio Lower Upper
91 100
120 21.0 11.0 33.0





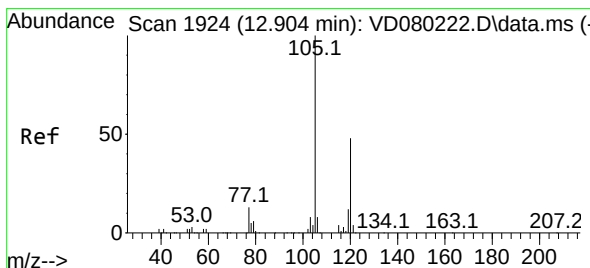
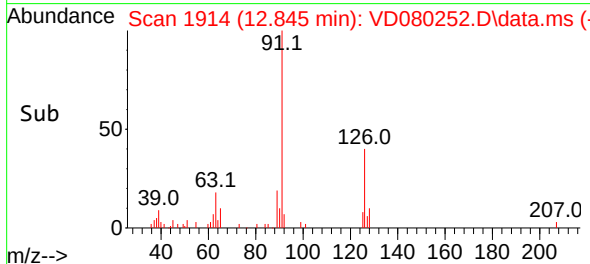
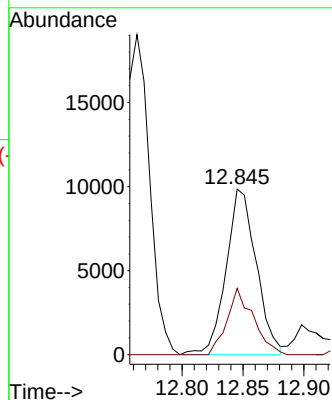
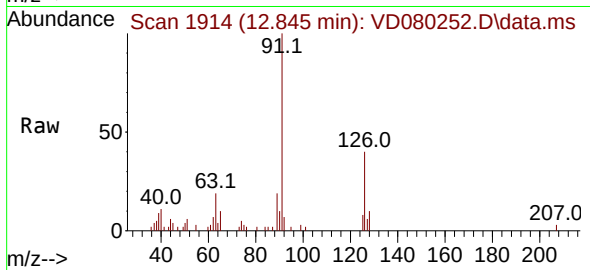
#79
2-Chlorotoluene
Concen: 3.789 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2025

Tgt Ion: 91 Resp: 1701
Ion Ratio Lower Upper
91 100
126 35.2 16.8 50.4

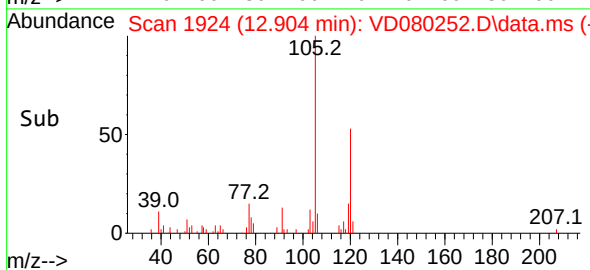
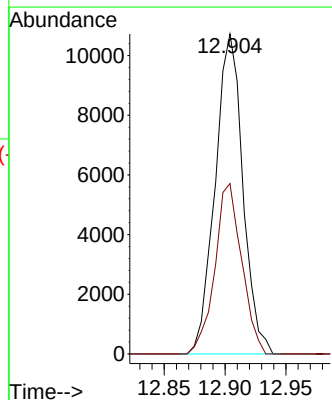
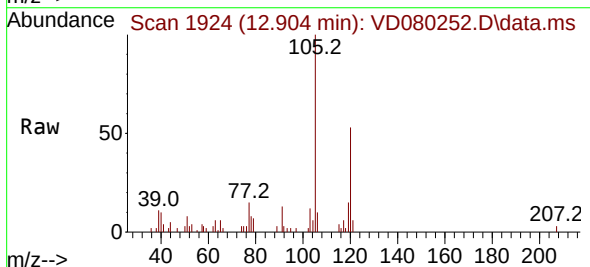
Manual Integrations
APPROVED

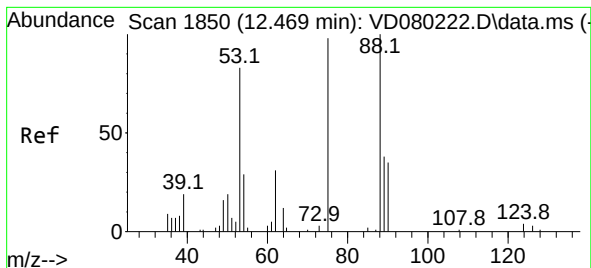
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#80
1,3,5-Trimethylbenzene
Concen: 3.271 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

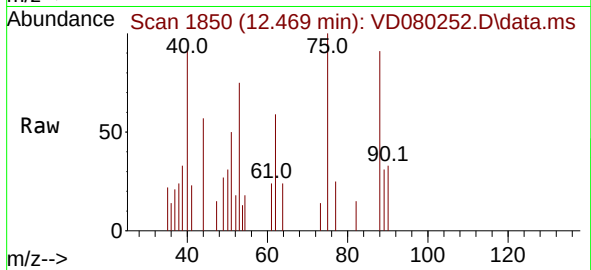
Tgt Ion:105 Resp: 16983
Ion Ratio Lower Upper
105 100
120 51.5 23.5 70.5





#81
trans-1,4-Dichloro-2-butene
Concen: 3.696 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

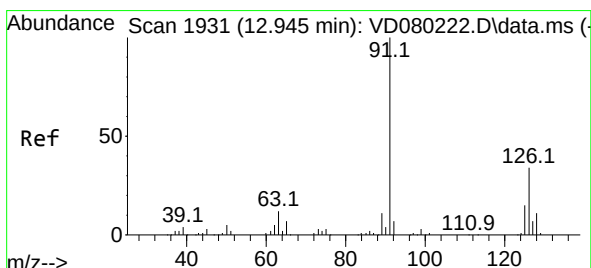
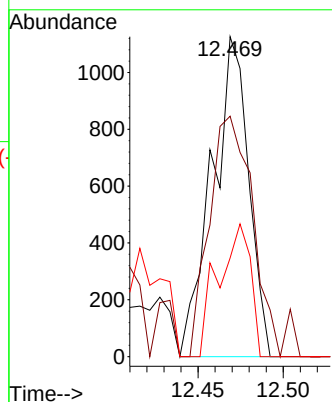
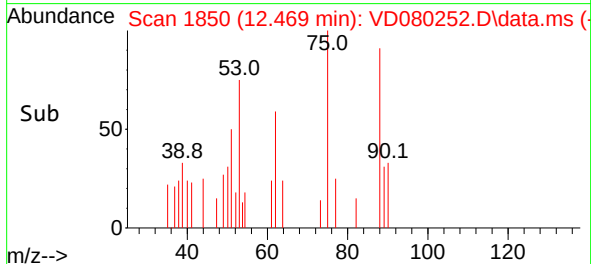
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2025



Tgt Ion: 75 Resp: 1678
Ion Ratio Lower Upper
75 100
53 92.3 69.1 103.7
89 36.6 36.5 54.7

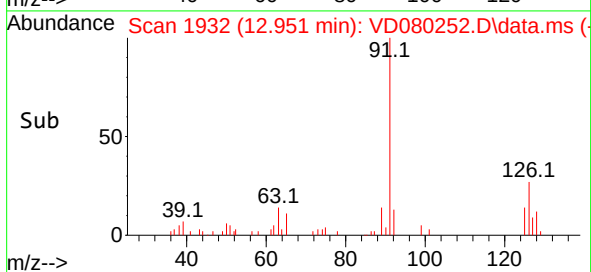
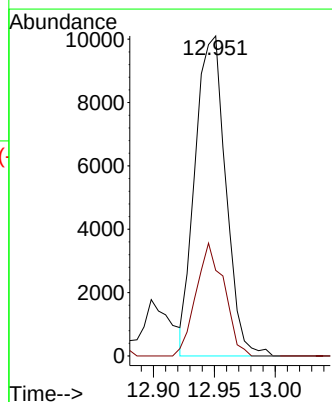
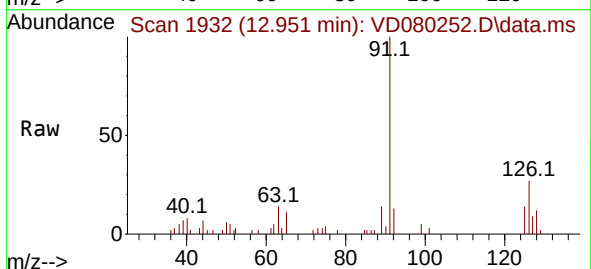
Manual Integrations
APPROVED

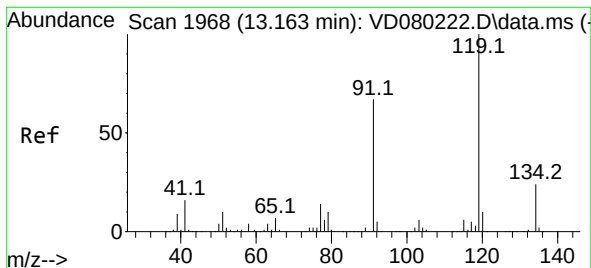
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#82
4-Chlorotoluene
Concen: 3.707 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Tgt Ion: 91 Resp: 17690
Ion Ratio Lower Upper
91 100
126 32.4 16.9 50.6





#83

tert-Butylbenzene

Concen: 3.562 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

Instrument :

MSVOA_D

ClientSampleId :

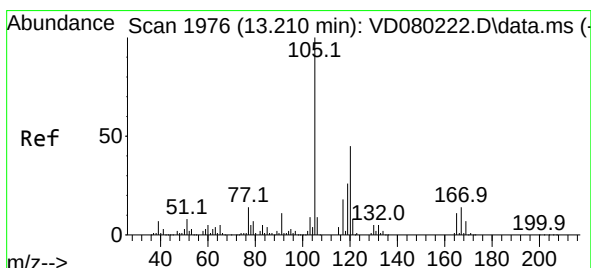
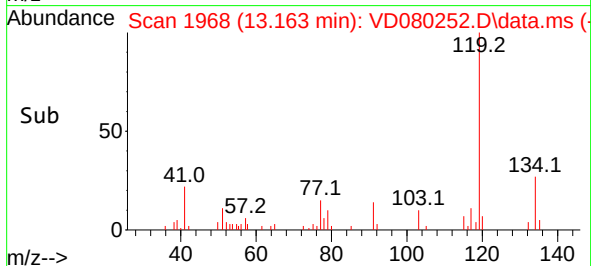
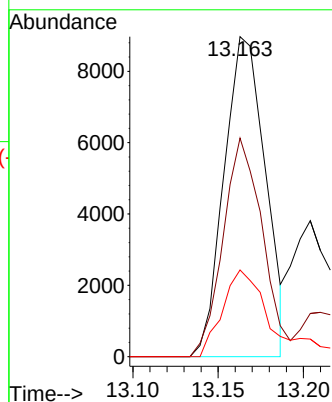
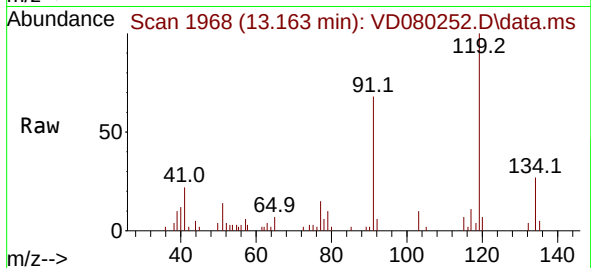
LOQ-SOIL-02-QT1-2025

Tgt Ion:	119	Resp:	15119
Ion Ratio	Lower	Upper	
119	100		
91	65.1	34.5	103.5
134	31.7	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#84

1,2,4-Trimethylbenzene

Concen: 3.448 ug/l

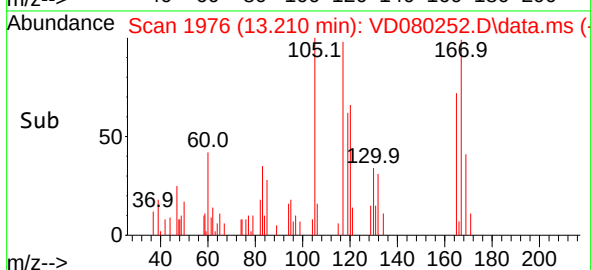
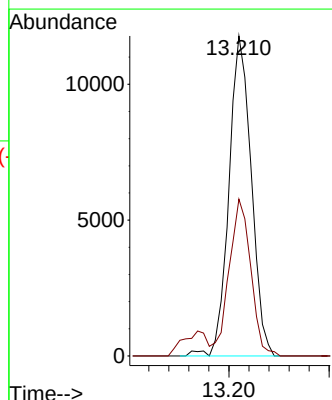
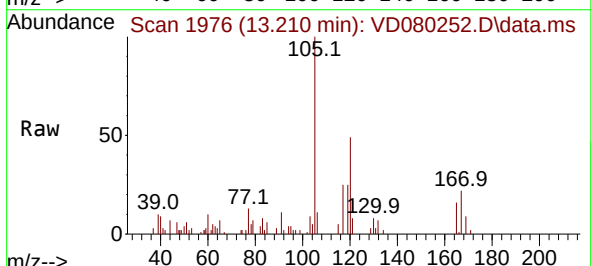
RT: 13.210 min Scan# 1976

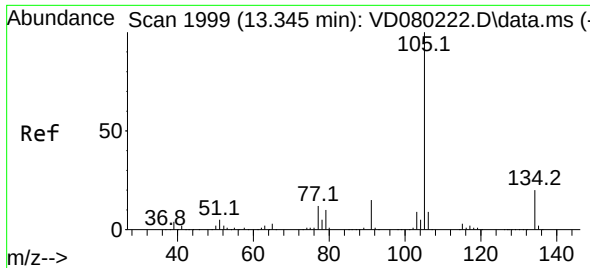
Delta R.T. -0.000 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

Tgt Ion:	105	Resp:	18222
Ion Ratio	Lower	Upper	
105	100		
120	47.7	22.1	66.5





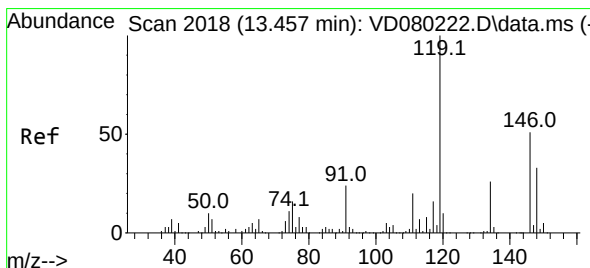
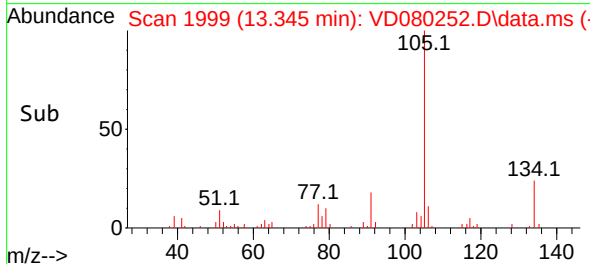
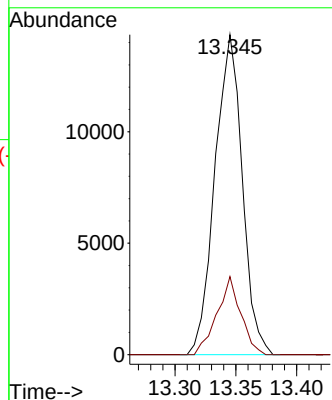
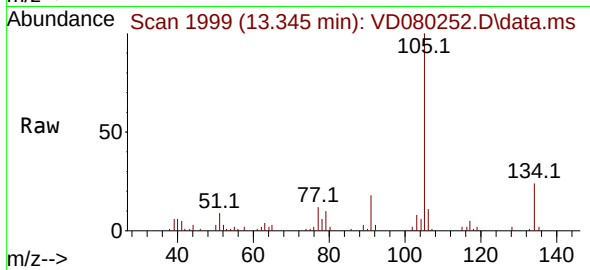
#85
 sec-Butylbenzene
 Concen: 3.453 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD080252.D
 Acq: 06 Feb 2025 16:52

Instrument : MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

Tgt Ion:105 Resp: 22410
 Ion Ratio Lower Upper
 105 100
 134 21.2 9.8 29.4

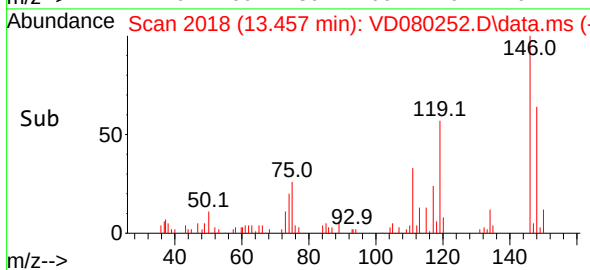
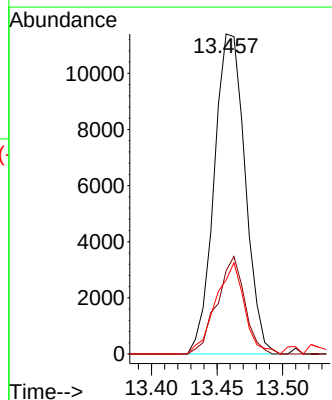
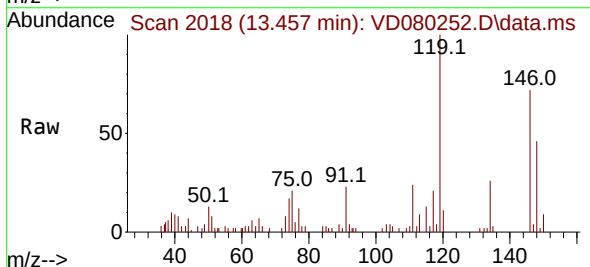
Manual Integrations
 APPROVED

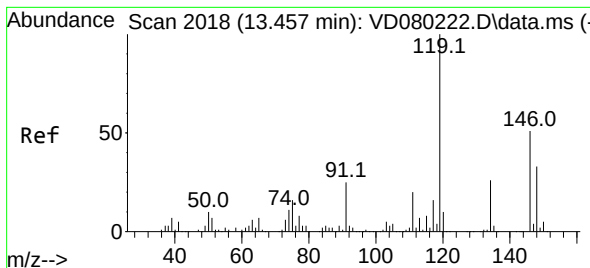
Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025



#86
 p-Isopropyltoluene
 Concen: 3.375 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD080252.D
 Acq: 06 Feb 2025 16:52

Tgt Ion:119 Resp: 18702
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.9
 91 26.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 4.393 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

Instrument :

MSVOA_D

ClientSampleId :

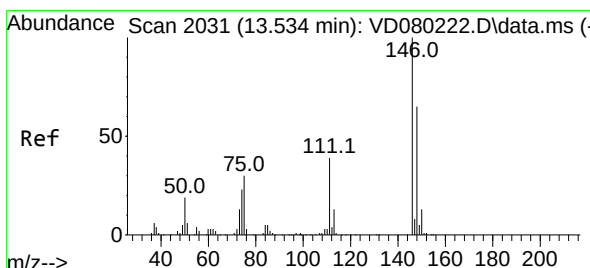
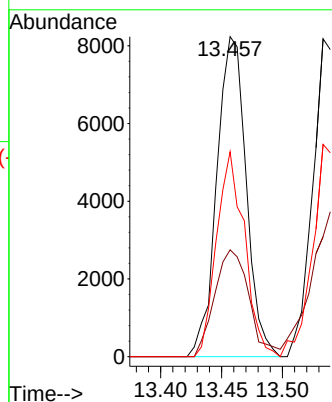
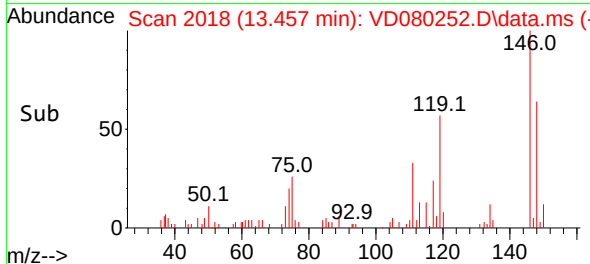
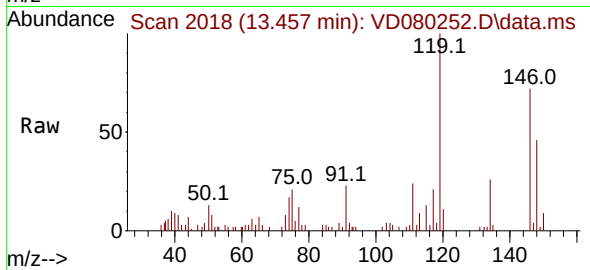
LOQ-SOIL-02-QT1-2025

Tgt Ion:146	Resp:	1385
Ion Ratio	Lower	Upper
146	100	
111	39.1	20.5 61.6
148	60.6	32.2 96.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#88

1,4-Dichlorobenzene

Concen: 4.259 ug/l

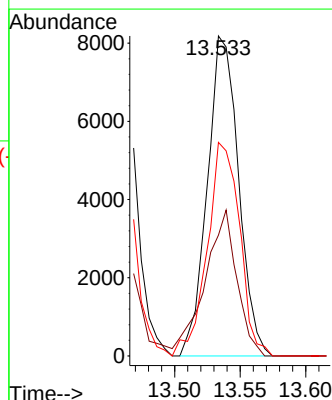
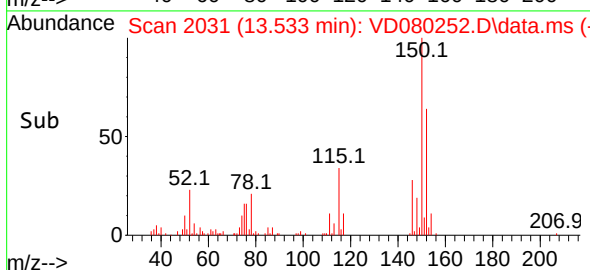
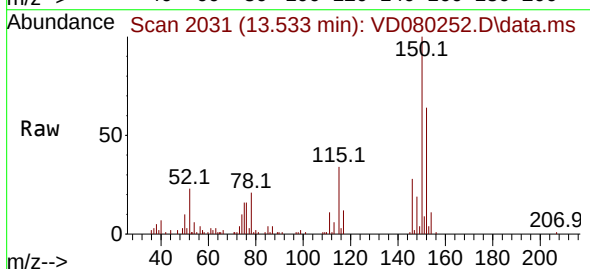
RT: 13.533 min Scan# 2031

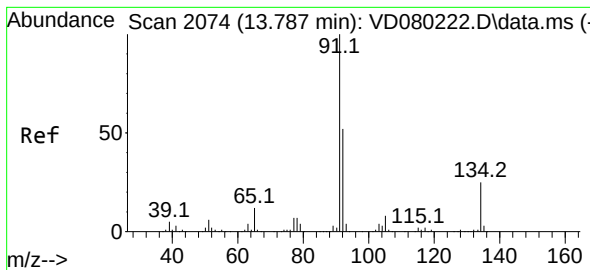
Delta R.T. -0.000 min

Lab File: VD080252.D

Acq: 06 Feb 2025 16:52

Tgt Ion:146	Resp:	13596
Ion Ratio	Lower	Upper
146	100	
111	46.4	19.7 59.0
148	69.1	32.3 96.8





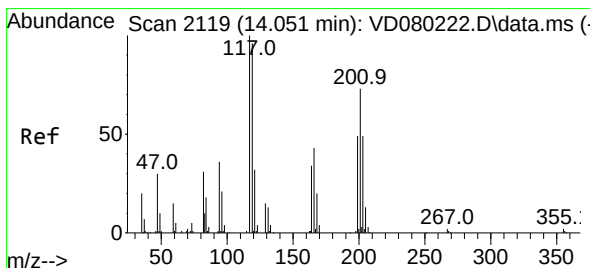
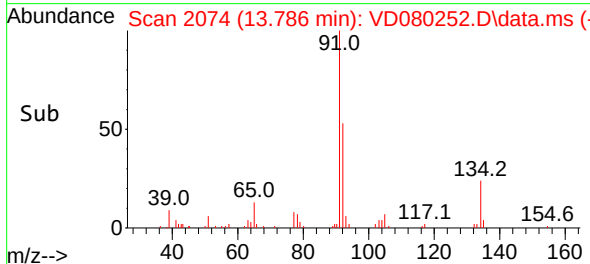
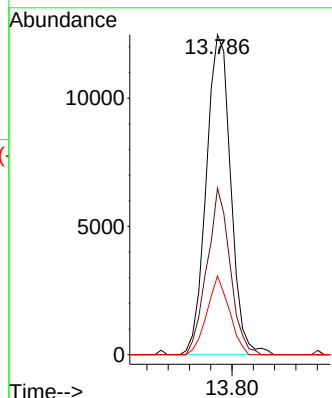
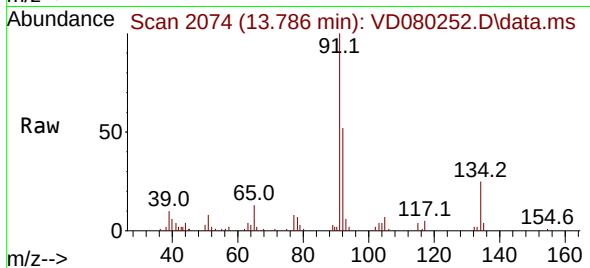
#89
n-Butylbenzene
Concen: 3.701 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Instrument : MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Tgt Ion: 91 Resp: 1993
Ion Ratio Lower Upper
91 100
92 49.2 26.1 78.2
134 22.5 12.4 37.0

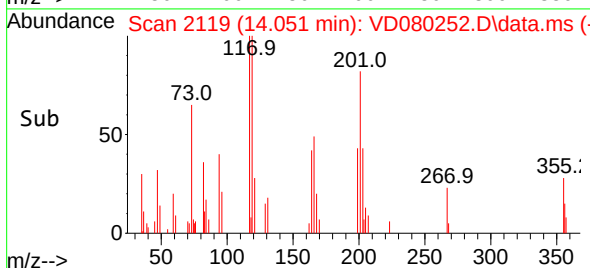
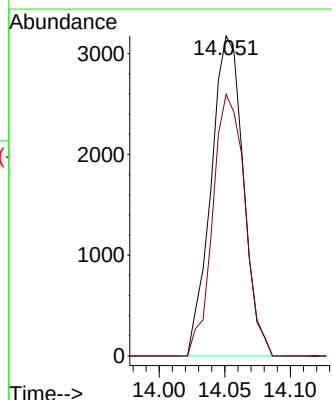
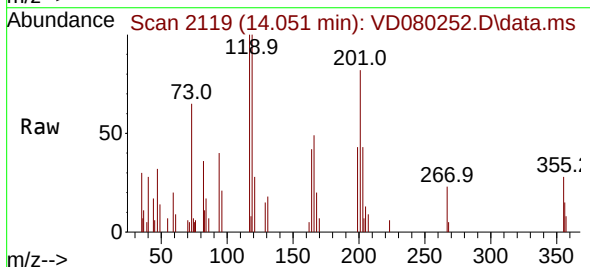
Manual Integrations
APPROVED

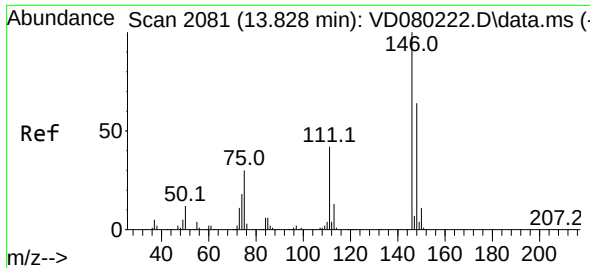
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#90
Hexachloroethane
Concen: 4.420 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Tgt Ion:117 Resp: 5444
Ion Ratio Lower Upper
117 100
201 81.2 36.0 108.0





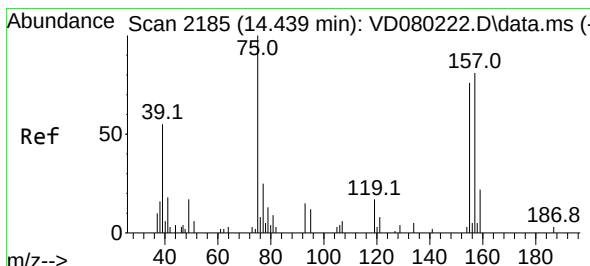
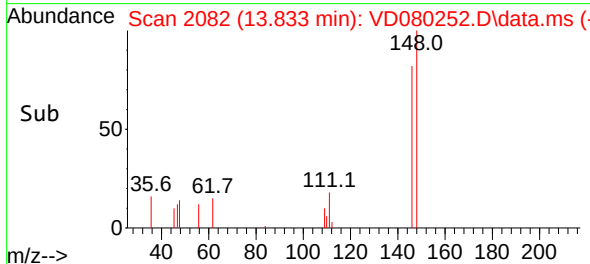
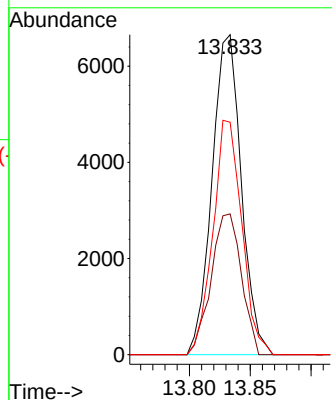
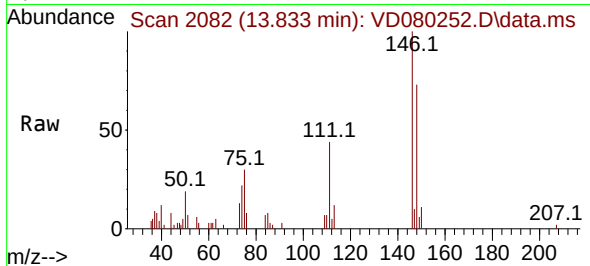
#91
1,2-Dichlorobenzene
Concen: 4.009 ug/l
RT: 13.833 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Tgt Ion:146 Resp: 1114
Ion Ratio Lower Upper
146 100
111 45.4 21.0 63.0
148 72.3 32.5 97.5

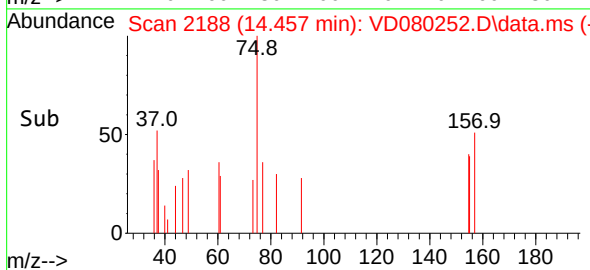
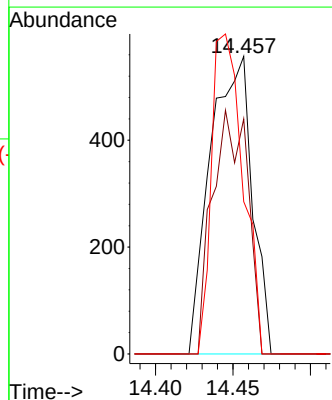
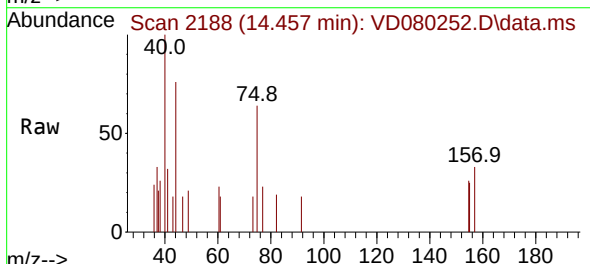
Manual Integrations
APPROVED

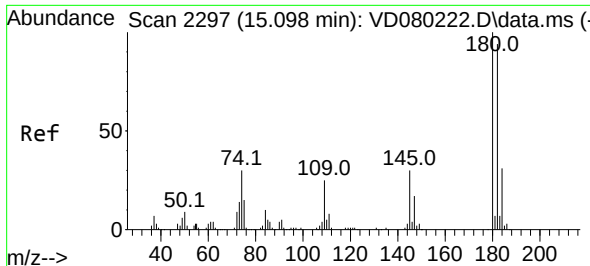
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.084 ug/l
RT: 14.457 min Scan# 2188
Delta R.T. 0.017 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

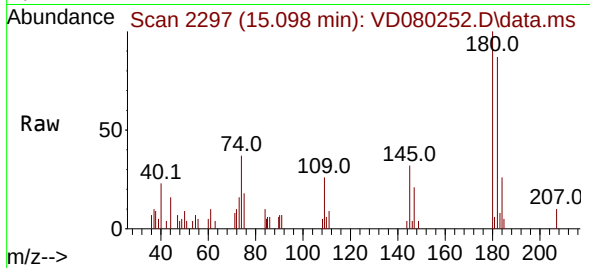
Tgt Ion: 75 Resp: 1045
Ion Ratio Lower Upper
75 100
155 69.1 41.5 124.6
157 80.7 50.5 151.5





#93
1,2,4-Trichlorobenzene
Concen: 4.012 ug/l
RT: 15.098 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

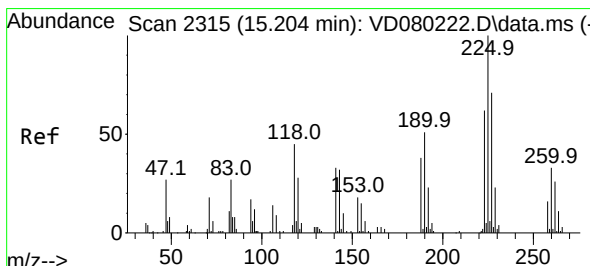
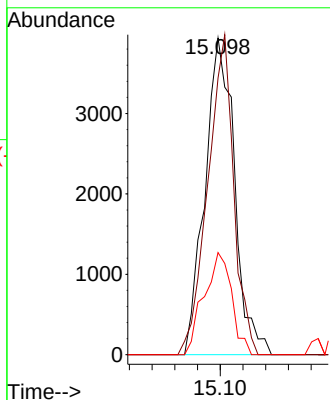
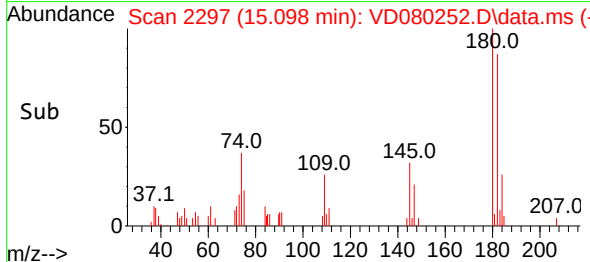
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2025



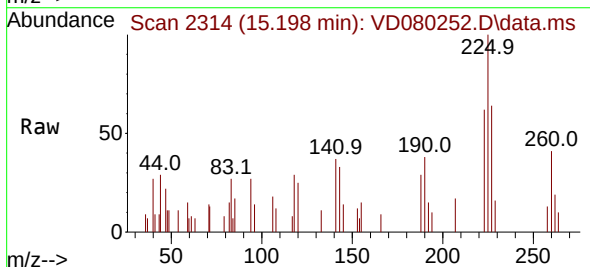
Tgt Ion:180 Resp: 7108
Ion Ratio Lower Upper
180 100
182 88.7 47.5 142.5
145 30.2 14.6 44.0

Manual Integrations
APPROVED

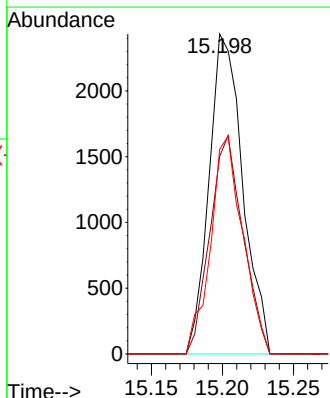
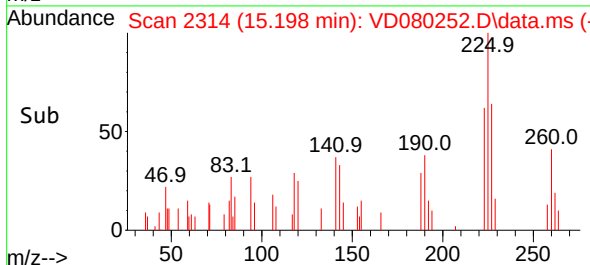
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

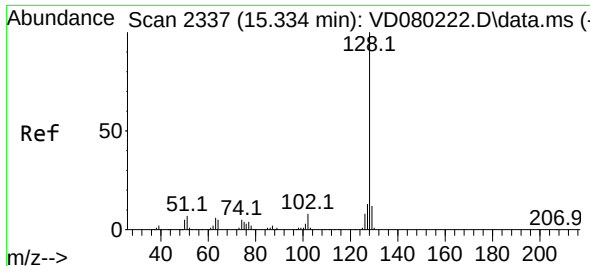


#94
Hexachlorobutadiene
Concen: 4.178 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.006 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52



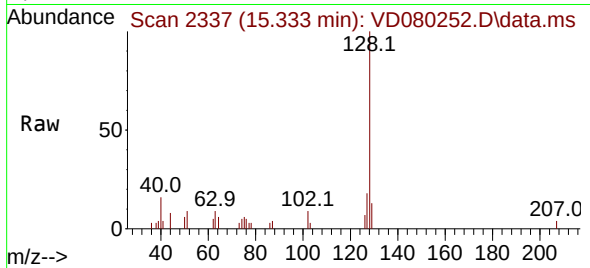
Tgt Ion:225 Resp: 4009
Ion Ratio Lower Upper
225 100
223 67.2 31.3 93.8
227 65.0 32.4 97.2





#95
Naphthalene
Concen: 3.740 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.001 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

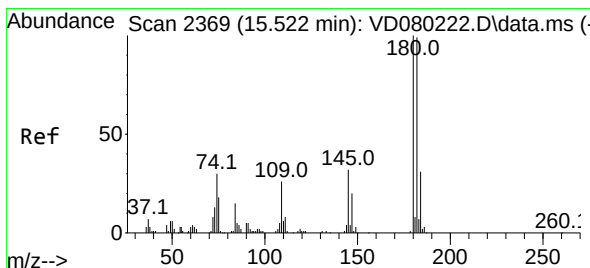
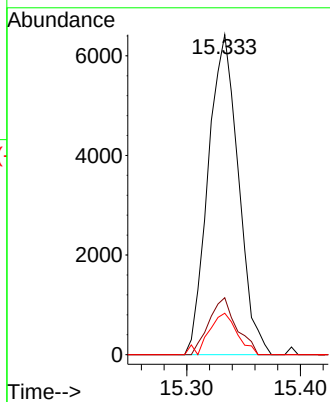
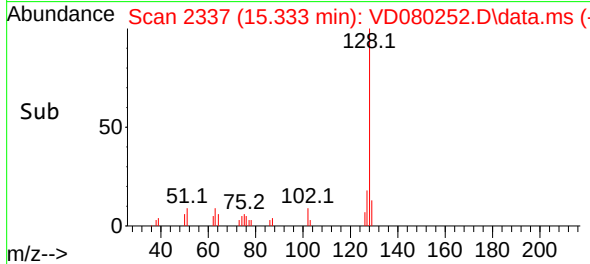
Instrument : MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion:128 Resp: 1188
Ion Ratio Lower Upper
128 100
127 17.8 10.6 15.8
129 13.0 9.4 14.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#96
1,2,3-Trichlorobenzene
Concen: 3.665 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD080252.D
Acq: 06 Feb 2025 16:52

Tgt Ion:180 Resp: 5860
Ion Ratio Lower Upper
180 100
182 96.1 47.3 142.0
145 30.1 15.6 46.7

