

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
 Data File : VD080483.D
 Acq On : 26 Jun 2025 15:58
 Operator : RP/MD
 Sample : Q2126-02
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Quant Time: Jun 27 05:45:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:45:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025
 Supervised By :Semsettin Yesilyurt 06/27/2025

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	409581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	781522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.576	117	682949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	308244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	233440	58.137	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.280%			
35) Dibromofluoromethane	7.806	113	242359	55.381	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.760%			
50) Toluene-d8	10.264	98	961894	54.408	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.820%			
62) 4-Bromofluorobenzene	12.570	95	312622	53.930	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	18707	5.138	ug/l	95
3) Chloromethane	2.147	50	28916	5.686	ug/l	92
4) Vinyl Chloride	2.288	62	28919	5.606	ug/l	97
5) Bromomethane	2.694	94	18663	6.546	ug/l	99
6) Chloroethane	2.841	64	21114m	6.521	ug/l	
7) Trichlorofluoromethane	3.182	101	32849	5.062	ug/l	98
8) Diethyl Ether	3.594	74	14155	5.603	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.976	101	22739	5.297	ug/l	98
10) Methyl Iodide	4.170	142	23840	4.716	ug/l	99
11) Tert butyl alcohol	5.059	59	9327	28.528	ug/l #	82
12) 1,1-Dichloroethene	3.947	96	23512	5.072	ug/l	94
13) Acrolein	3.806	56	12684	28.469	ug/l	92
14) Allyl chloride	4.559	41	42903	5.286	ug/l	97
15) Acrylonitrile	5.259	53	33270	27.681	ug/l	97
16) Acetone	4.018	43	29709	28.637	ug/l	94
17) Carbon Disulfide	4.276	76	73685	5.034	ug/l	98
18) Methyl Acetate	4.565	43	18803	5.959	ug/l	97
19) Methyl tert-butyl Ether	5.317	73	62592	5.433	ug/l	97
20) Methylene Chloride	4.806	84	57066	8.787	ug/l	96
21) trans-1,2-Dichloroethene	5.317	96	28502	5.513	ug/l	88
22) Diisopropyl ether	6.217	45	87467	5.581	ug/l #	96
23) Vinyl Acetate	6.159	43	239835	26.857	ug/l	99
24) 1,1-Dichloroethane	6.112	63	49472	5.380	ug/l	99
25) 2-Butanone	7.082	43	41532	27.275	ug/l	96
26) 2,2-Dichloropropane	7.076	77	37801	5.195	ug/l	97
27) cis-1,2-Dichloroethene	7.082	96	33623	5.440	ug/l	98
28) Bromochloromethane	7.429	49	21593	5.956	ug/l	92
29) Tetrahydrofuran	7.441	42	26841	27.980	ug/l	97
30) Chloroform	7.594	83	48120	5.467	ug/l	100
31) Cyclohexane	7.876	56	51463	5.776	ug/l #	81
32) 1,1,1-Trichloroethane	7.788	97	39104	5.313	ug/l	96
36) 1,1-Dichloropropene	8.006	75	34423	5.036	ug/l	99
37) Ethyl Acetate	7.170	43	17977m	5.412	ug/l	
38) Carbon Tetrachloride	7.988	117	31971	4.896	ug/l	97
39) Methylcyclohexane	9.270	83	44338	4.712	ug/l	95
40) Benzene	8.253	78	113213	5.161	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:45:13 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025
 Supervised By :Semsettin Yesilyurt 06/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.406	41	11481	5.408	ug/l	94
42) 1,2-Dichloroethane	8.323	62	28064	5.438	ug/l	97
43) Isopropyl Acetate	8.364	43	34463	5.272	ug/l	97
44) Trichloroethene	9.029	130	26389	4.964	ug/l	94
45) 1,2-Dichloropropane	9.305	63	28950	5.442	ug/l	94
46) Dibromomethane	9.394	93	14001	4.936	ug/l	93
47) Bromodichloromethane	9.582	83	36366	5.171	ug/l	95
48) Methyl methacrylate	9.382	41	17540	5.304	ug/l	96
49) 1,4-Dioxane	9.382	88	4358	118.430	ug/l	90
51) 4-Methyl-2-Pentanone	10.158	43	85810	25.848	ug/l	100
52) Toluene	10.335	92	71667	5.227	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	36406	5.169	ug/l	94
54) cis-1,3-Dichloropropene	10.017	75	44263	5.231	ug/l	98
55) 1,1,2-Trichloroethane	10.735	97	20046	5.184	ug/l	93
56) Ethyl methacrylate	10.600	69	29298	5.308	ug/l	94
57) 1,3-Dichloropropane	10.876	76	36079	5.333	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	58770	27.880	ug/l	97
59) 2-Hexanone	10.917	43	62296	26.513	ug/l	99
60) Dibromochloromethane	11.070	129	24229	5.077	ug/l	100
61) 1,2-Dibromoethane	11.176	107	18957	5.127	ug/l	98
64) Tetrachloroethene	10.811	164	21410	5.051	ug/l	95
65) Chlorobenzene	11.605	112	78076	5.301	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.676	131	25391	5.485	ug/l	96
67) Ethyl Benzene	11.682	91	132317	5.136	ug/l	98
68) m/p-Xylenes	11.788	106	100934	10.289	ug/l	99
69) o-Xylene	12.117	106	48487	5.122	ug/l	98
70) Styrene	12.135	104	83042	5.186	ug/l	99
71) Bromoform	12.299	173	14078	5.340	ug/l #	94
73) Isopropylbenzene	12.417	105	122571	5.115	ug/l	100
74) N-amyl acetate	12.229	43	33208	5.293	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	21897	4.908	ug/l	93
76) 1,2,3-Trichloropropane	12.717	75	13381m	5.107	ug/l	
77) Bromobenzene	12.699	156	28294	5.280	ug/l	97
78) n-propylbenzene	12.758	91	148022	5.132	ug/l	100
79) 2-Chlorotoluene	12.846	91	86118	5.191	ug/l	98
80) 1,3,5-Trimethylbenzene	12.899	105	101657	5.232	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	8508	4.825	ug/l	91
82) 4-Chlorotoluene	12.941	91	90637	5.319	ug/l	99
83) tert-Butylbenzene	13.164	119	85892	5.054	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	99750	5.142	ug/l	99
85) sec-Butylbenzene	13.341	105	127777	5.090	ug/l	99
86) p-Isopropyltoluene	13.458	119	105183	5.063	ug/l	99
87) 1,3-Dichlorobenzene	13.452	146	54761	5.284	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	54771	5.295	ug/l	94
89) n-Butylbenzene	13.782	91	102798	5.156	ug/l	98
90) Hexachloroethane	14.046	117	20426	5.089	ug/l	96
91) 1,2-Dichlorobenzene	13.829	146	47016	5.154	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	3740	5.558	ug/l	86
93) 1,2,4-Trichlorobenzene	15.093	180	31144	5.449	ug/l	96
94) Hexachlorobutadiene	15.199	225	13981	5.299	ug/l	98
95) Naphthalene	15.329	128	68045	5.358	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	27263	5.547	ug/l	98

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025

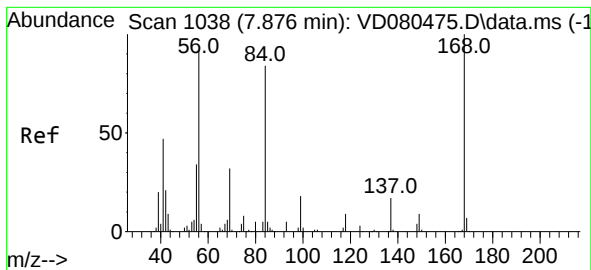
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025

Quant Time: Jun 27 05:45:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:45:13 2025
Response via : Initial Calibration

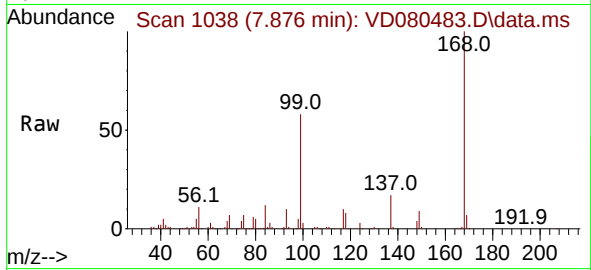
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

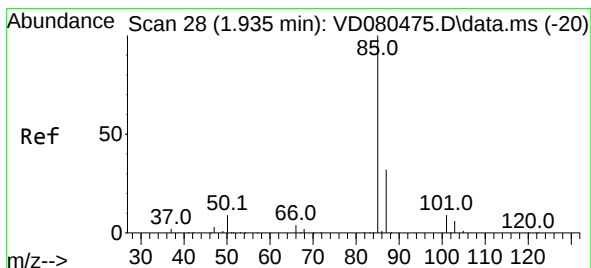
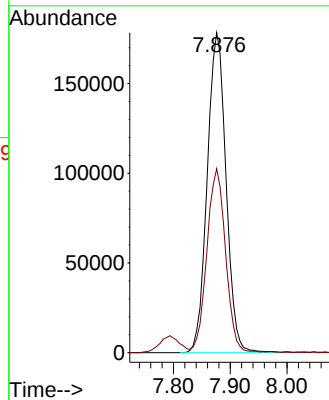
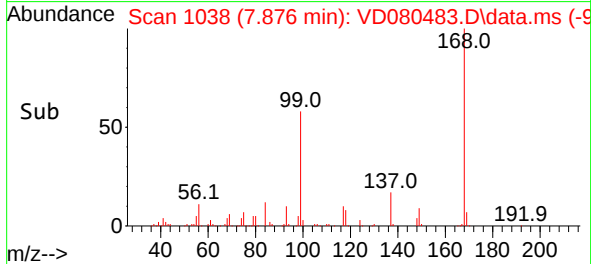
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ClientSampleId :
LOQ-SOIL-02-QT2-2025



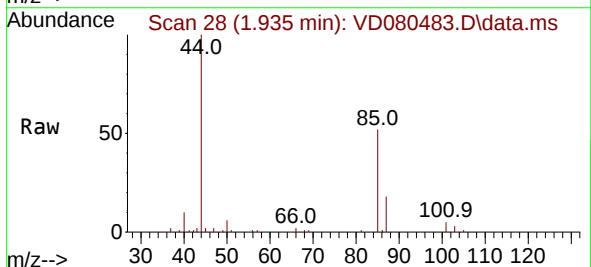
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Ion Ratio Lower Upper
168 100
99 57.4 45.8 68.8

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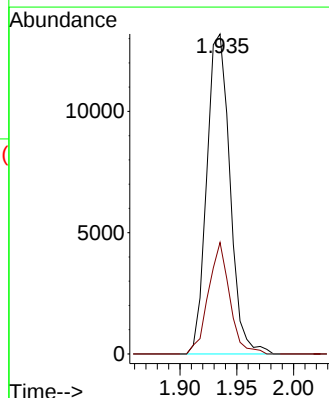
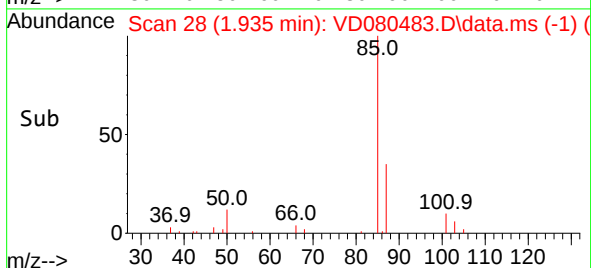
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Supervised By :Semsettin Yesilyurt 06/27/2025

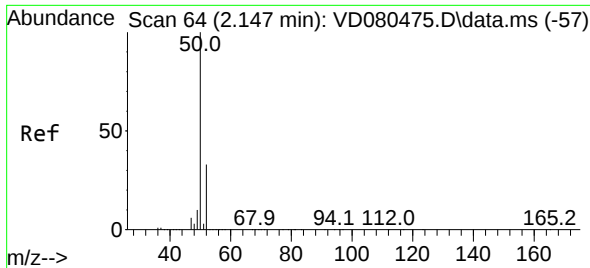


#2
Dichlorodifluoromethane
Concen: 5.138 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58



Tgt Ion: 85 Resp: 18707
Ion Ratio Lower Upper
85 100
87 34.9 16.0 47.9





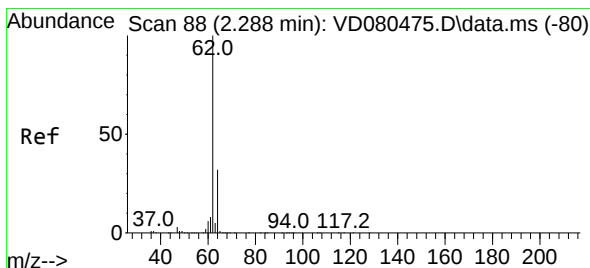
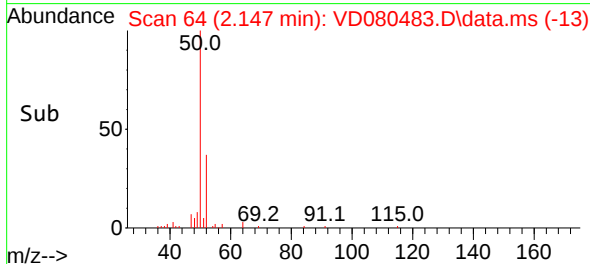
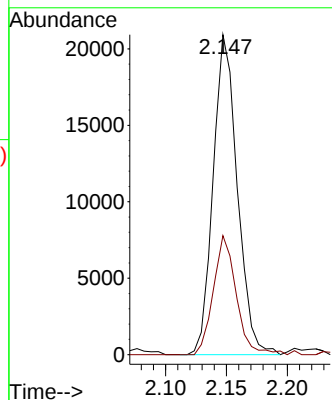
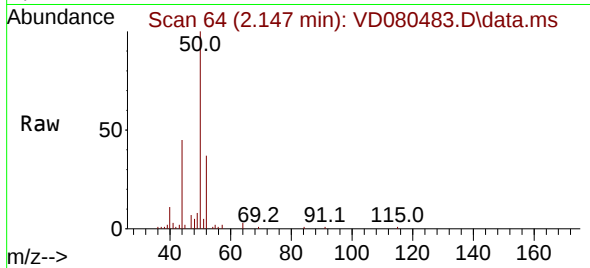
#3
Chloromethane
Concen: 5.686 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

Instrument : MSVOA_D
ClientSampleId :
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Tgt Ion: 50 Resp: 28910
Ion Ratio Lower Upper
50 100
52 37.2 26.1 39.1

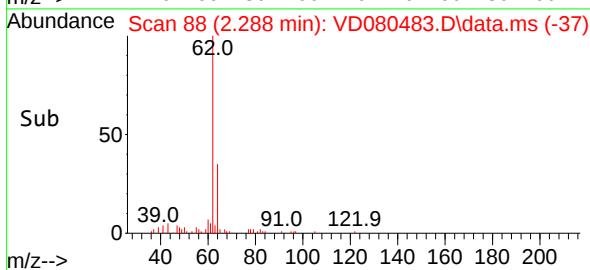
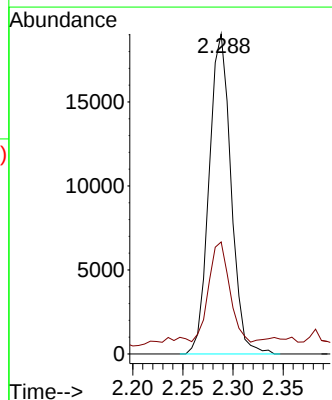
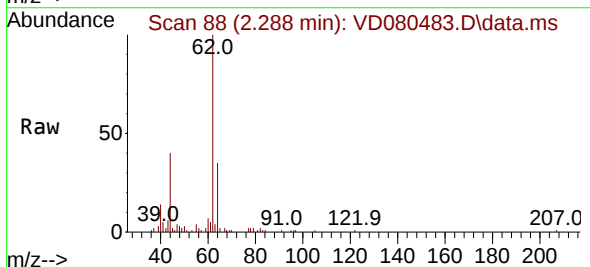
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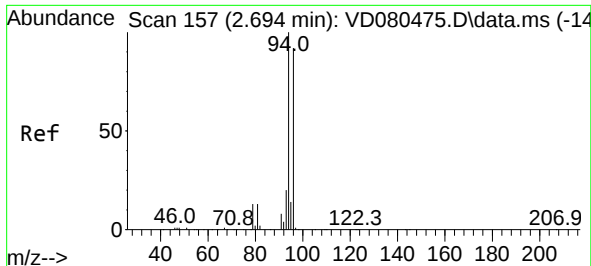
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#4
Vinyl Chloride
Concen: 5.606 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

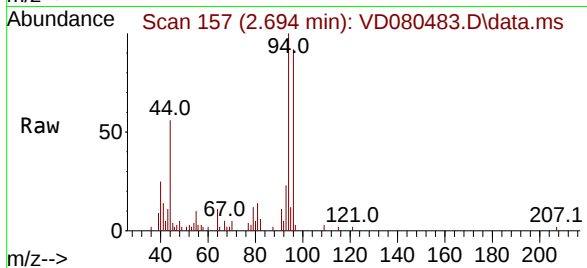
Tgt Ion: 62 Resp: 28919
Ion Ratio Lower Upper
62 100
64 30.3 25.5 38.3





#5
Bromomethane
Concen: 6.546 ug/l
RT: 2.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

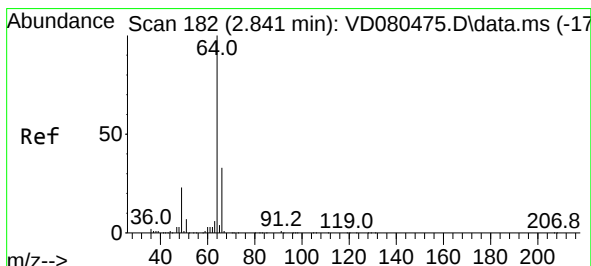
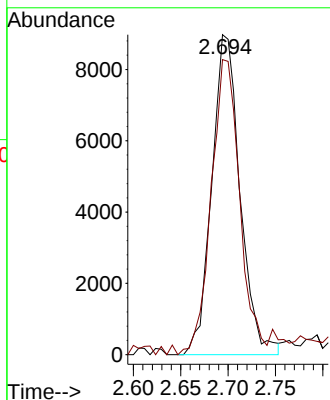
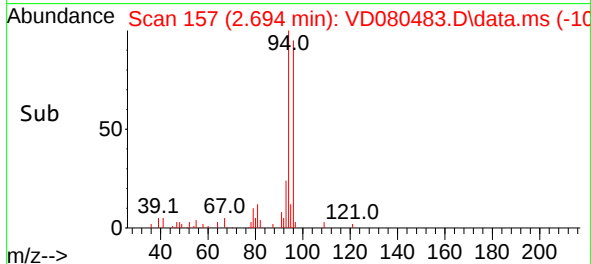
Instrument :
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Tgt Ion: 94 Resp: 1866
Ion Ratio Lower Upper
94 100
96 92.8 74.8 112.2

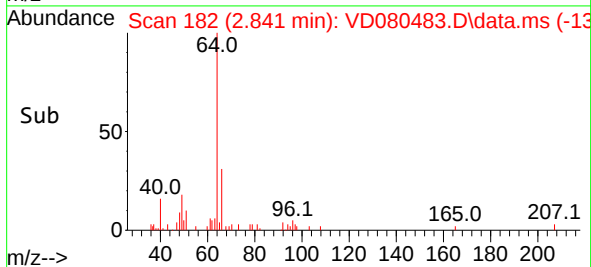
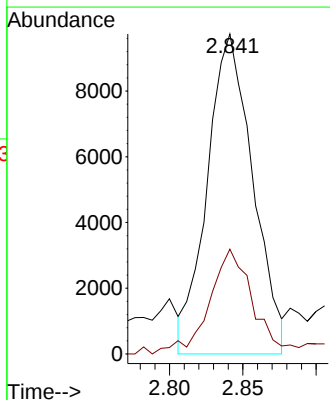
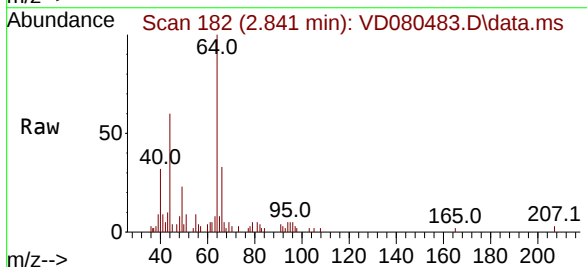
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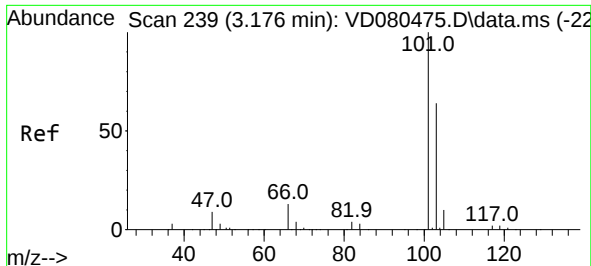
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#6
Chloroethane
Concen: 6.521 ug/l m
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

Tgt Ion: 64 Resp: 21114
Ion Ratio Lower Upper
64 100
66 32.8 26.3 39.5





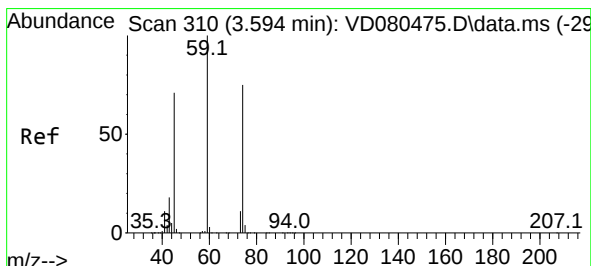
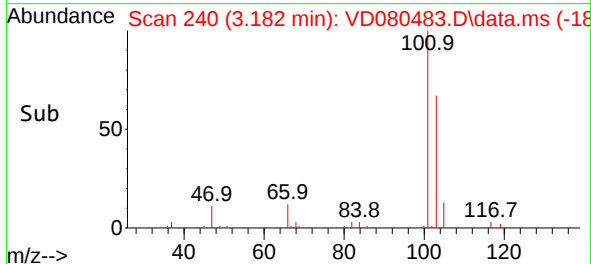
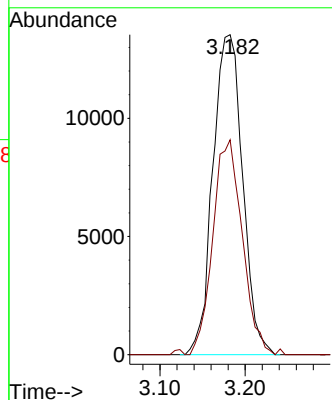
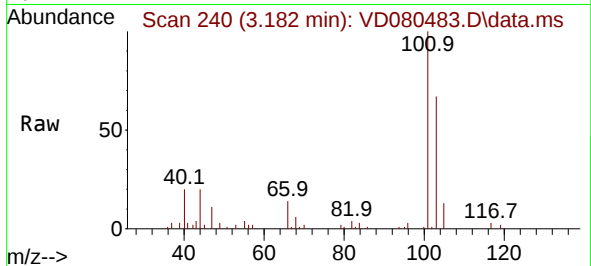
#7
 Trichlorofluoromethane
 Concen: 5.062 ug/l
 RT: 3.182 min Scan# 240
 Delta R.T. 0.006 min
 Lab File: VD080483.D
 Acq: 26 Jun 2025 15:58

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Tgt Ion:101 Resp: 32849
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.3 76.9

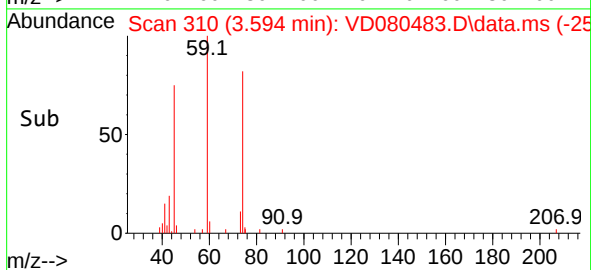
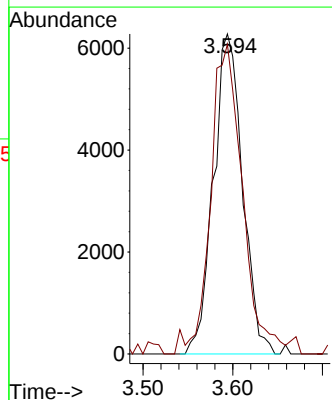
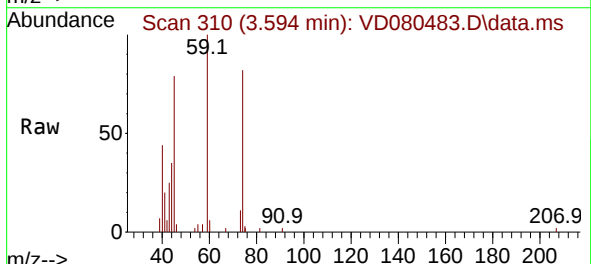
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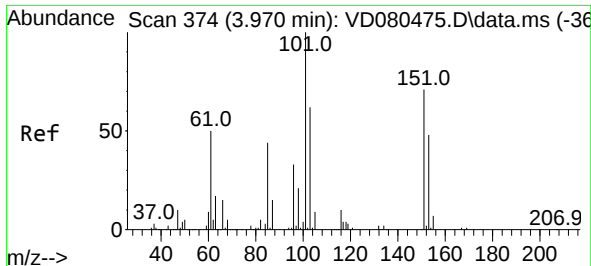
Reviewed By :Mahesh Dadoda 06/27/2025
 Supervised By :Semsettin Yesilyurt 06/27/2025



#8
 Diethyl Ether
 Concen: 5.603 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VD080483.D
 Acq: 26 Jun 2025 15:58

Tgt Ion: 74 Resp: 14155
 Ion Ratio Lower Upper
 74 100
 45 97.2 46.6 139.8





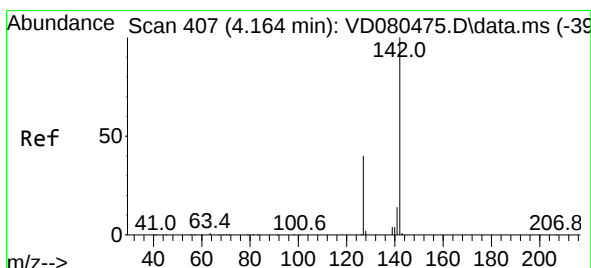
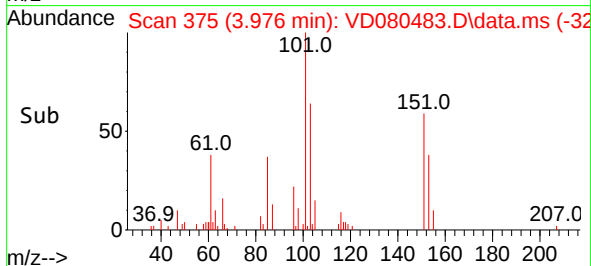
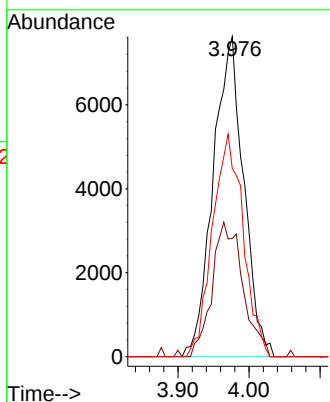
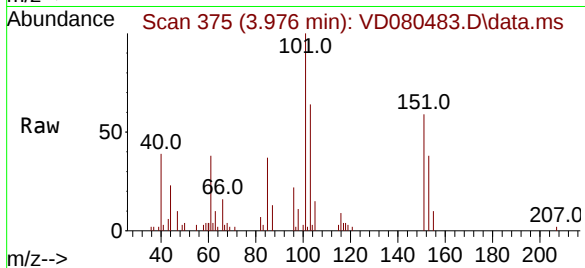
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.297 ug/l
RT: 3.976 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025

Tgt Ion:101 Resp: 22739
Ion Ratio Lower Upper
101 100
85 42.3 34.0 51.0
151 69.8 58.4 87.6

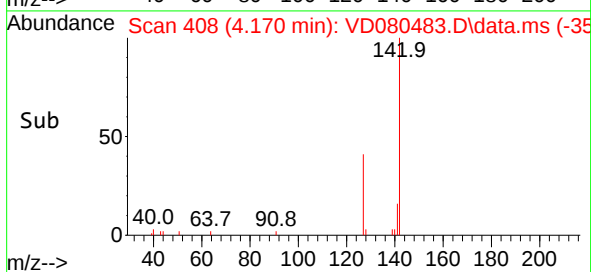
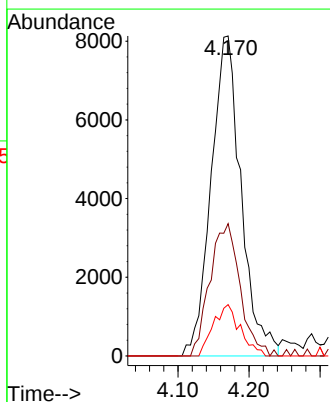
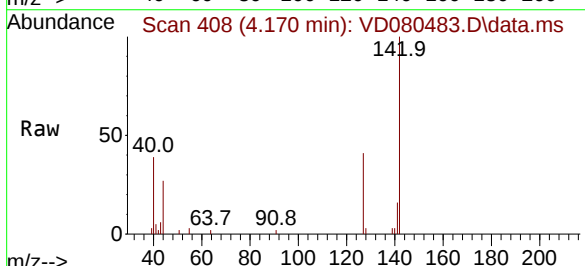
Manual Integrations
APPROVED

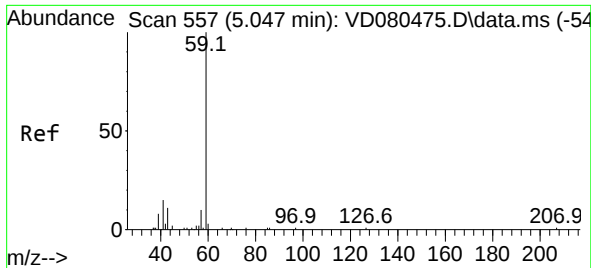
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#10
Methyl Iodide
Concen: 4.716 ug/l
RT: 4.170 min Scan# 408
Delta R.T. 0.006 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

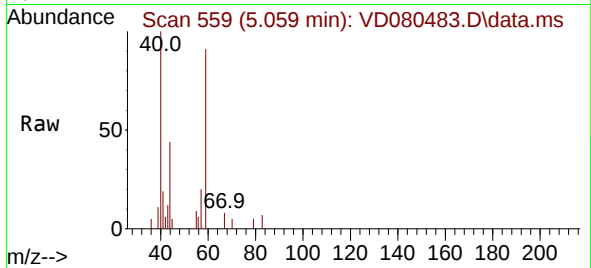
Tgt Ion:142 Resp: 23840
Ion Ratio Lower Upper
142 100
127 41.7 32.6 49.0
141 14.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 28.528 ug/l
RT: 5.059 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

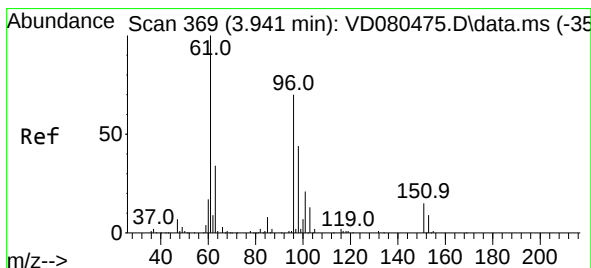
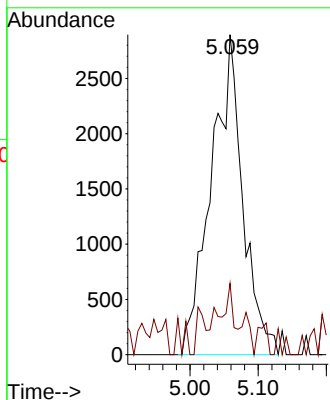
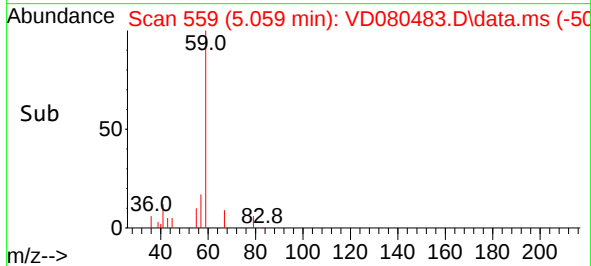
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion: 59 Resp: 932
Ion Ratio Lower Upper
59 100
57 4.1 8.8 13.2

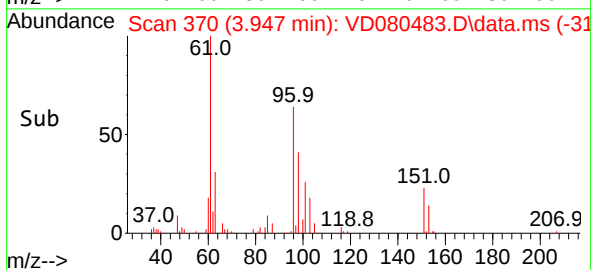
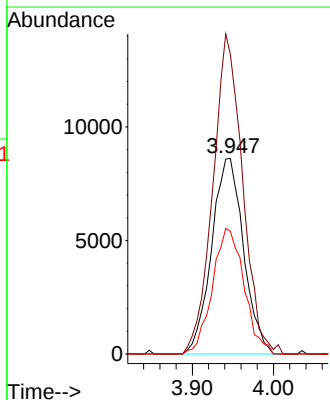
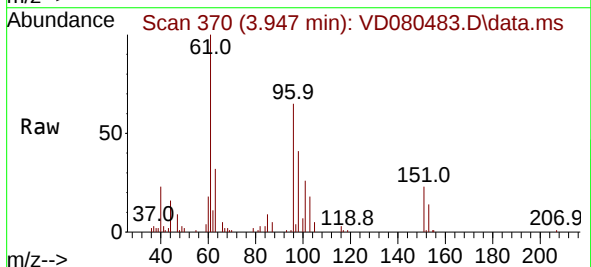
Manual Integrations
APPROVED

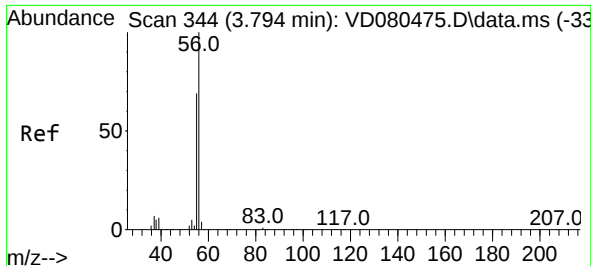
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#12
1,1-Dichloroethene
Concen: 5.072 ug/l
RT: 3.947 min Scan# 370
Delta R.T. 0.006 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

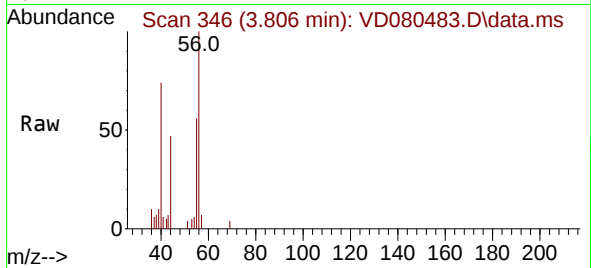
Tgt Ion: 96 Resp: 23512
Ion Ratio Lower Upper
96 100
61 153.3 114.9 172.3
98 62.8 50.5 75.7





#13
Acrolein
Concen: 28.469 ug/l
RT: 3.806 min Scan# 344
Delta R.T. 0.012 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

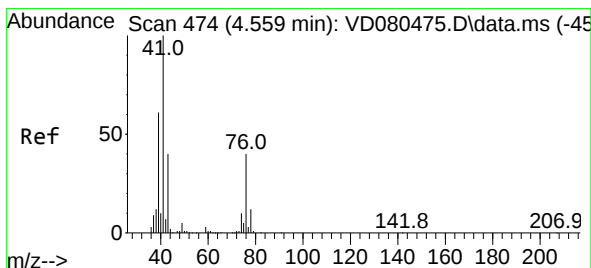
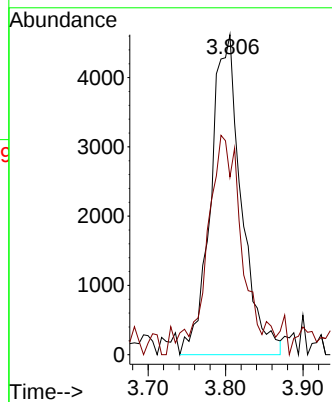
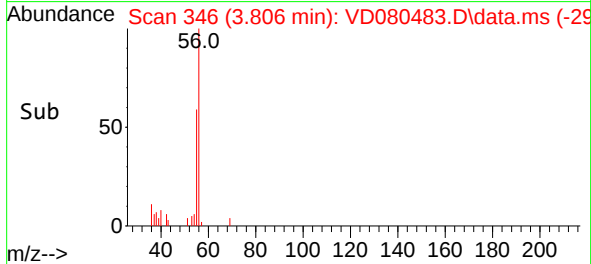
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion: 56 Resp: 12684
Ion Ratio Lower Upper
56 100
55 76.5 56.2 84.2

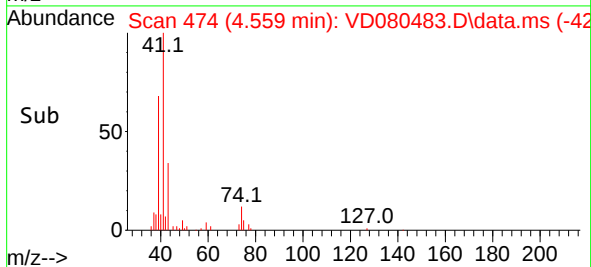
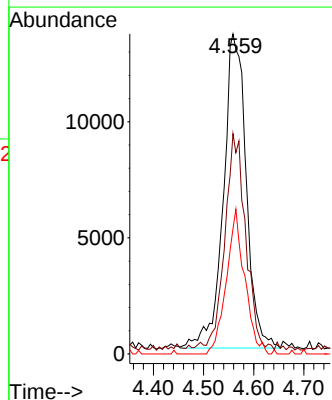
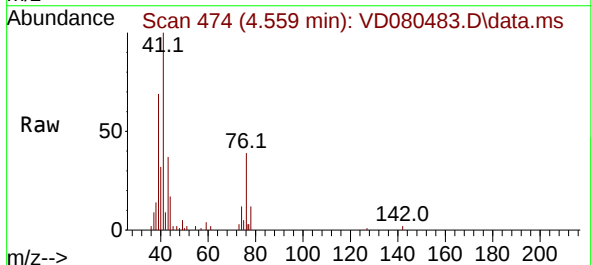
Manual Integrations
APPROVED

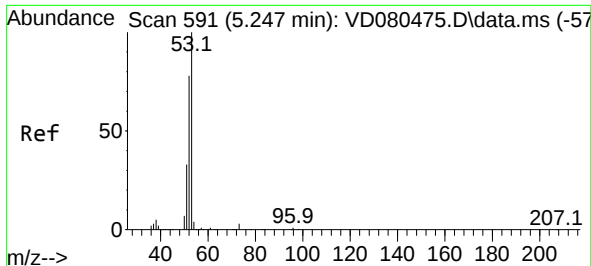
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#14
Allyl chloride
Concen: 5.286 ug/l
RT: 4.559 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

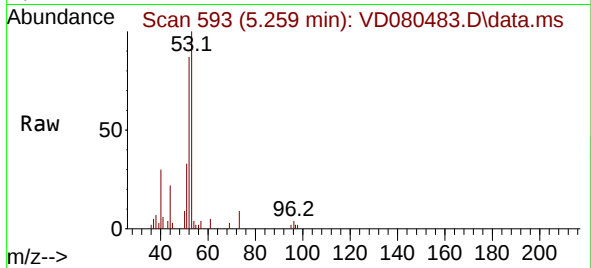
Tgt Ion: 41 Resp: 42903
Ion Ratio Lower Upper
41 100
39 62.1 47.4 71.2
76 36.9 30.5 45.7





#15
Acrylonitrile
Concen: 27.681 ug/l
RT: 5.259 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

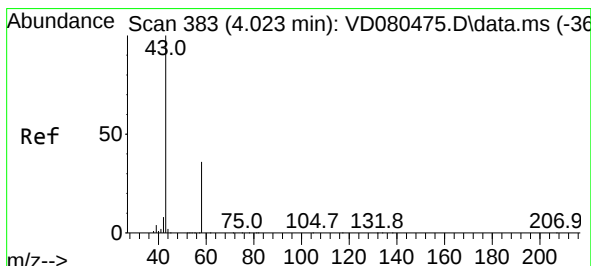
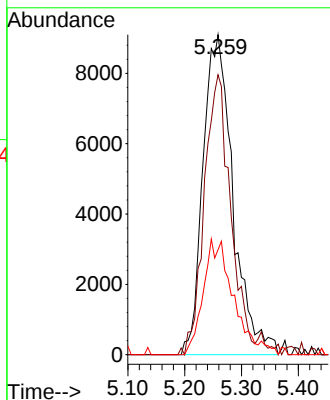
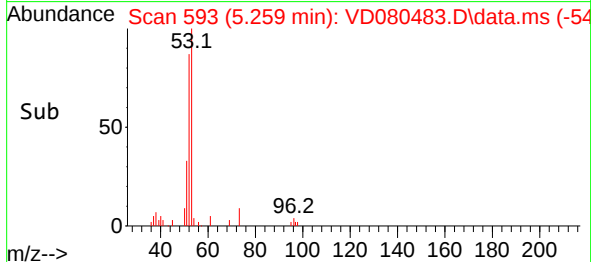
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion: 53 Resp: 33270
Ion Ratio Lower Upper
53 100
52 76.8 64.7 97.1
51 35.1 27.9 41.9

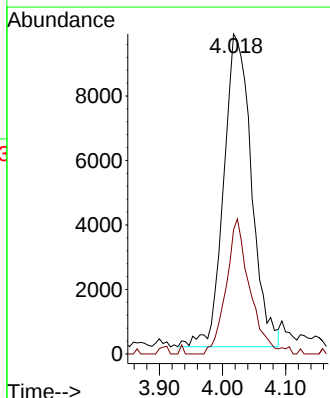
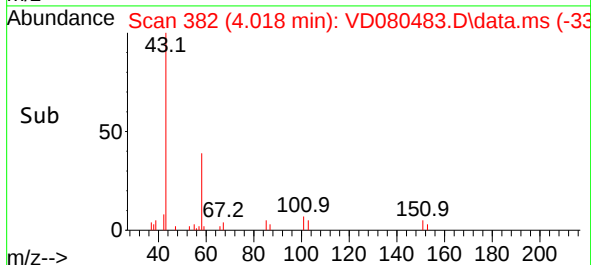
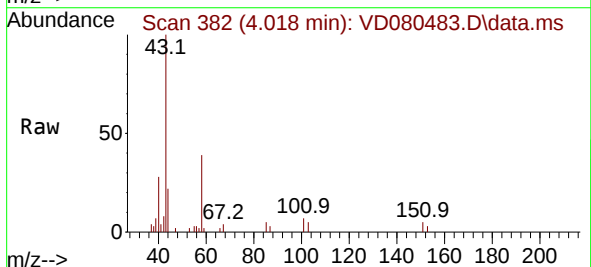
Manual Integrations
APPROVED

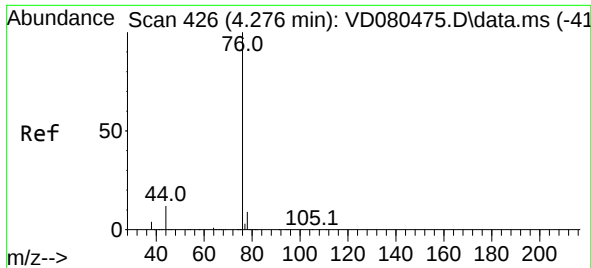
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#16
Acetone
Concen: 28.637 ug/l
RT: 4.018 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

Tgt Ion: 43 Resp: 29709
Ion Ratio Lower Upper
43 100
58 39.7 29.0 43.4





#17

Carbon Disulfide

Concen: 5.034 ug/l

RT: 4.276 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD080483.D

Acq: 26 Jun 2025 15:58

Instrument :

MSVOA_D

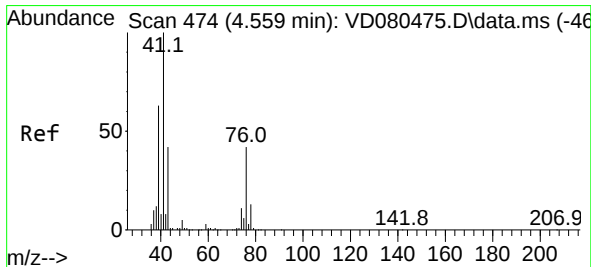
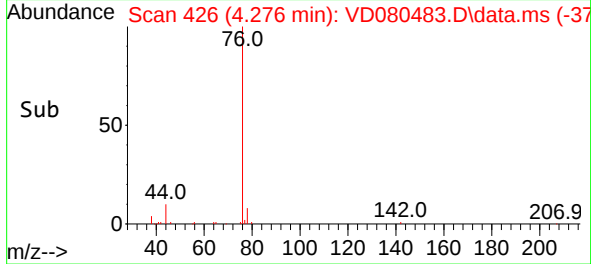
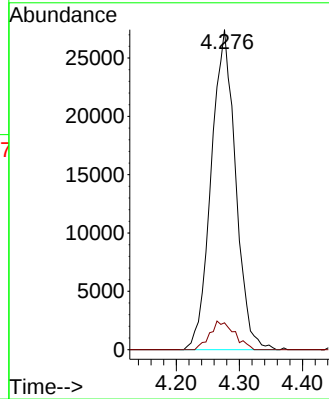
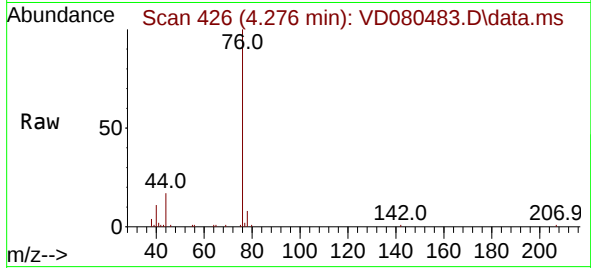
ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion: 76 Resp: 7368
 Ion Ratio Lower Upper
 76 100
 78 8.4 7.2 10.8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025
 Supervised By :Semsettin Yesilyurt 06/27/2025



#18

Methyl Acetate

Concen: 5.959 ug/l

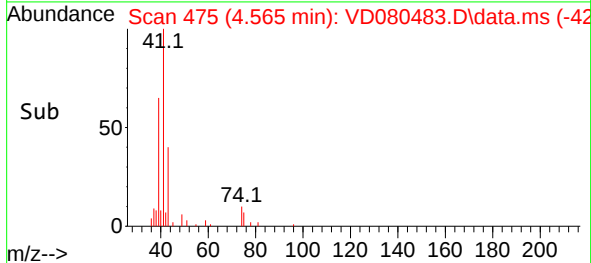
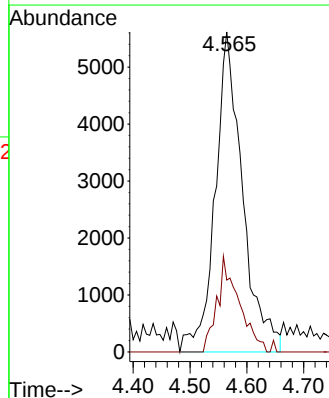
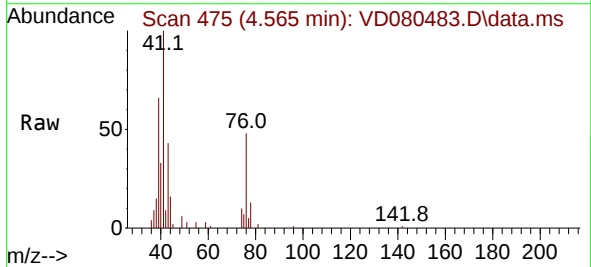
RT: 4.565 min Scan# 475

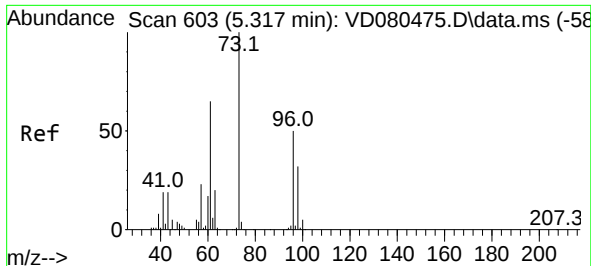
Delta R.T. 0.006 min

Lab File: VD080483.D

Acq: 26 Jun 2025 15:58

Tgt Ion: 43 Resp: 18803
 Ion Ratio Lower Upper
 43 100
 74 23.9 20.4 30.6





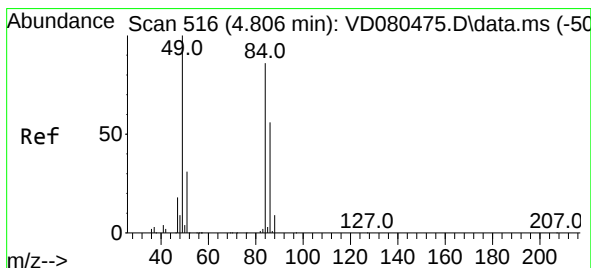
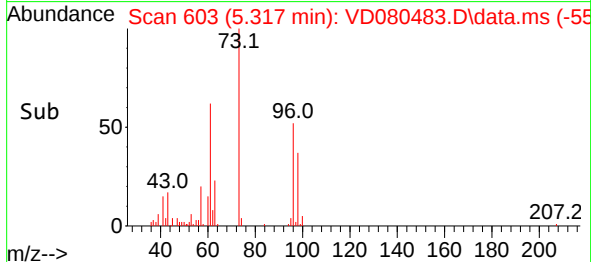
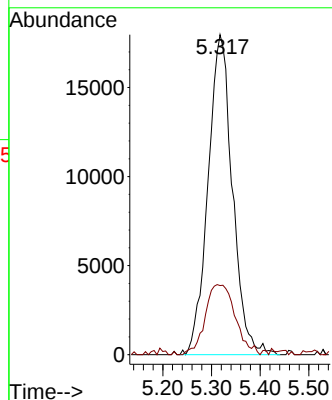
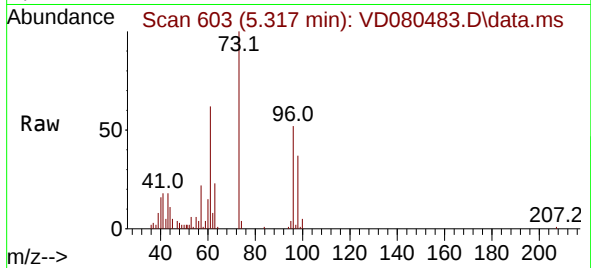
#19
Methyl tert-butyl Ether
Concen: 5.433 ug/l
RT: 5.317 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2025

Tgt Ion: 73 Resp: 62592
Ion Ratio Lower Upper
73 100
57 21.6 18.5 27.7

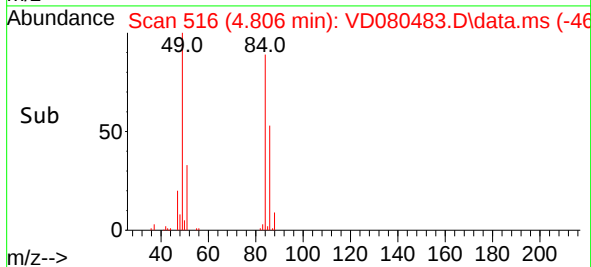
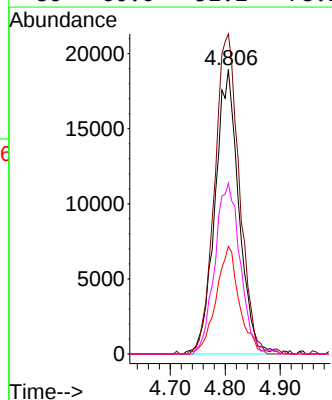
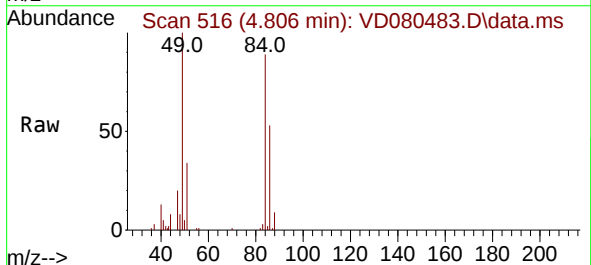
Manual Integrations
APPROVED

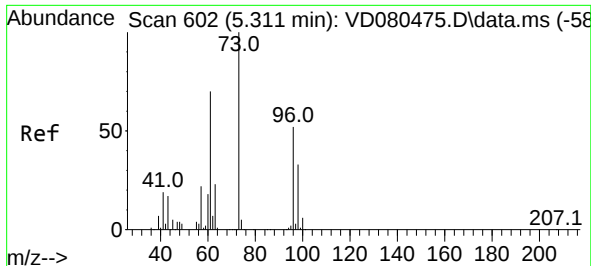
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#20
Methylene Chloride
Concen: 8.787 ug/l
RT: 4.806 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

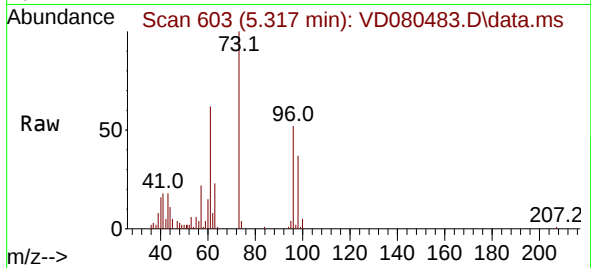
Tgt Ion: 84 Resp: 57066
Ion Ratio Lower Upper
84 100
49 112.5 92.8 139.2
51 37.9 29.0 43.6
86 60.0 52.2 78.2





#21
trans-1,2-Dichloroethene
Concen: 5.513 ug/l
RT: 5.317 min Scan# 602
Delta R.T. 0.006 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

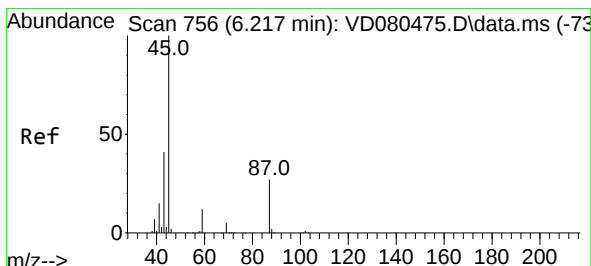
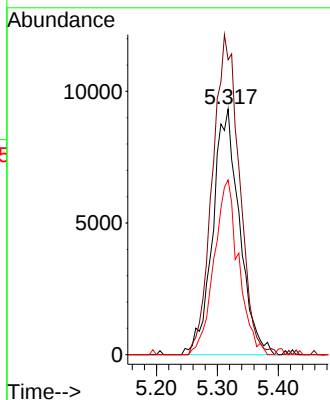
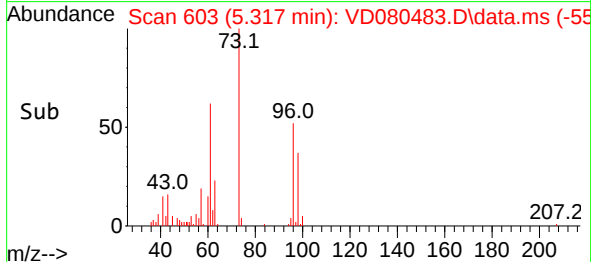
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion: 96 Resp: 2850
Ion Ratio Lower Upper
96 100
61 120.0 108.6 163.0
98 71.1 51.5 77.3

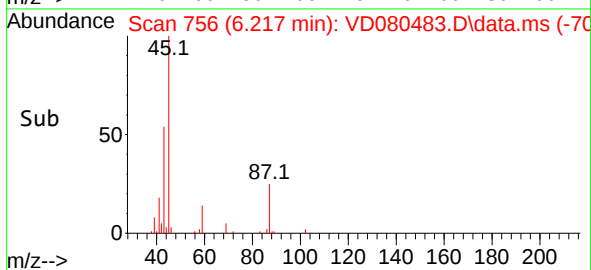
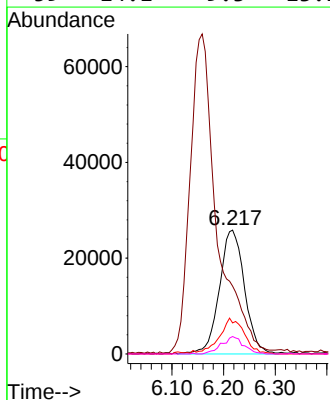
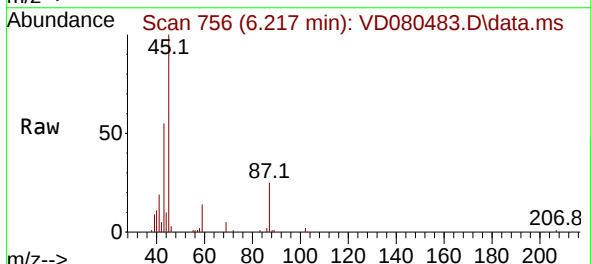
Manual Integrations
APPROVED

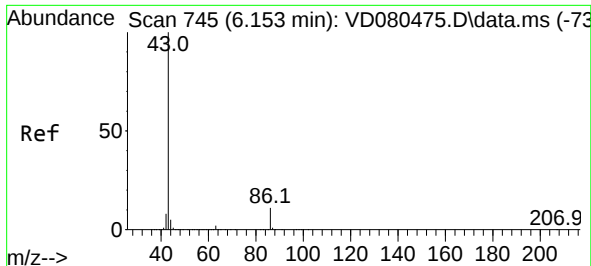
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#22
Diisopropyl ether
Concen: 5.581 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

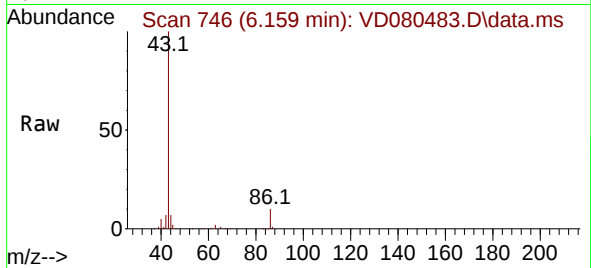
Tgt Ion: 45 Resp: 87467
Ion Ratio Lower Upper
45 100
43 51.4 39.5 59.3
87 25.1 22.3 33.5
59 14.1 9.3 13.9#





#23
 Vinyl Acetate
 Concen: 26.857 ug/l
 RT: 6.159 min Scan# 746
 Delta R.T. 0.006 min
 Lab File: VD080483.D
 Acq: 26 Jun 2025 15:58

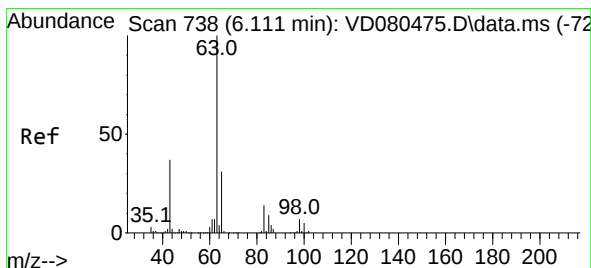
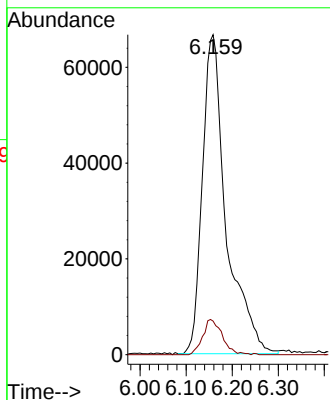
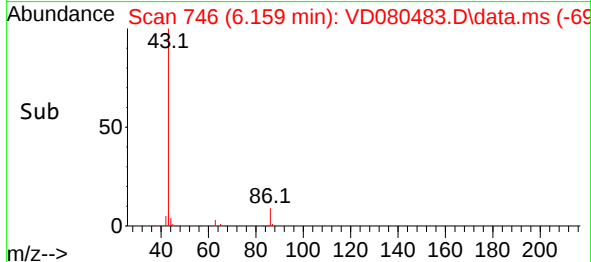
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025



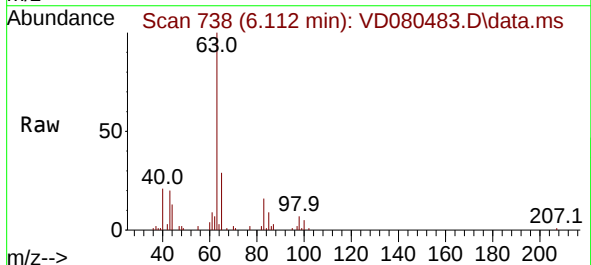
Tgt Ion: 43 Resp: 23983
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.7 13.1

Manual Integrations
 APPROVED

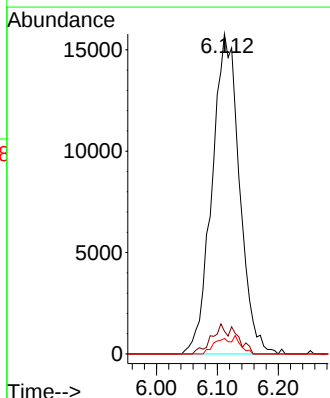
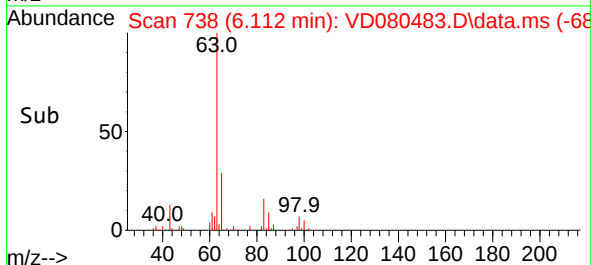
Reviewed By :Mahesh Dadoda 06/27/2025
 Supervised By :Semsettin Yesilyurt 06/27/2025

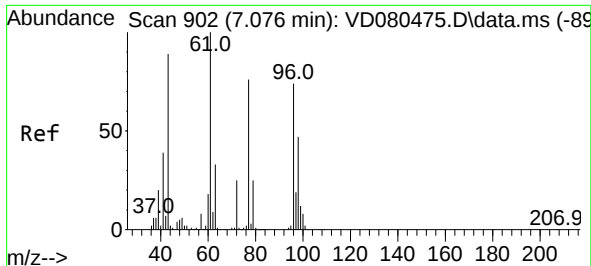


#24
 1,1-Dichloroethane
 Concen: 5.380 ug/l
 RT: 6.112 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD080483.D
 Acq: 26 Jun 2025 15:58



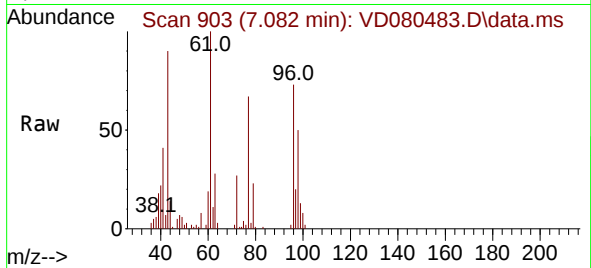
Tgt Ion: 63 Resp: 49472
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.8 2.5 7.4





#25
2-Butanone
Concen: 27.275 ug/l
RT: 7.082 min Scan# 903
Delta R.T. 0.006 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

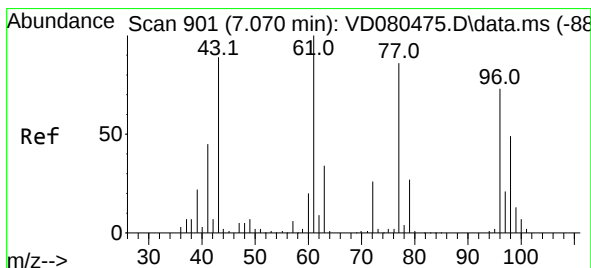
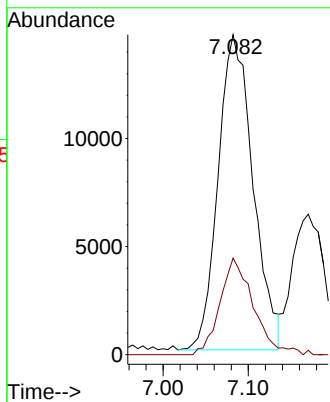
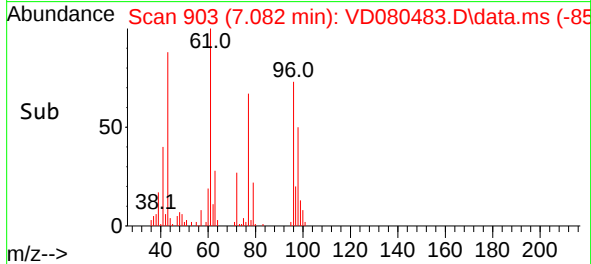
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



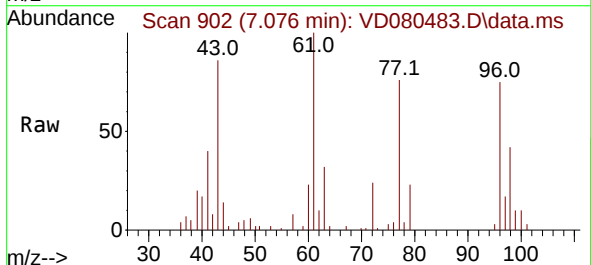
Tgt Ion: 43 Resp: 4153
Ion Ratio Lower Upper
43 100
72 30.7 22.8 34.2

Manual Integrations
APPROVED

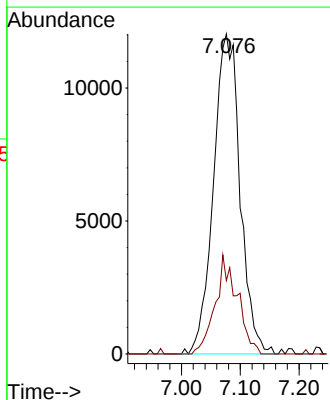
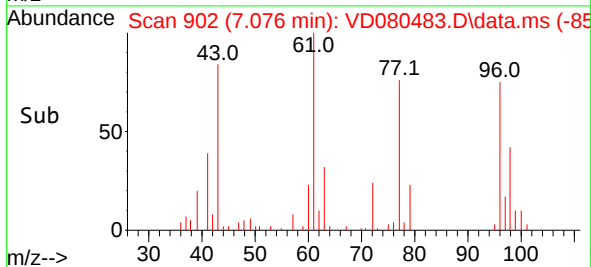
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025

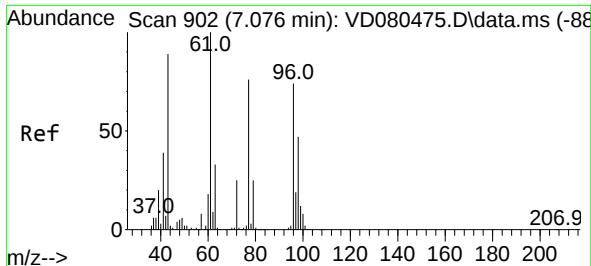


#26
2,2-Dichloropropane
Concen: 5.195 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.006 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58



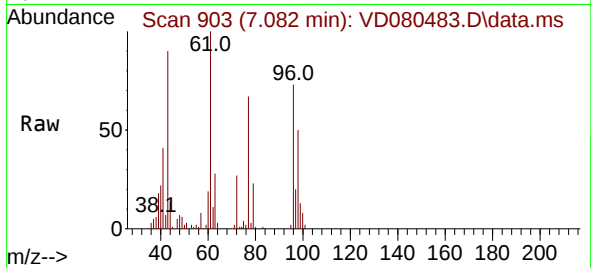
Tgt Ion: 77 Resp: 37801
Ion Ratio Lower Upper
77 100
97 25.9 12.2 36.6





#27
 cis-1,2-Dichloroethene
 Concen: 5.440 ug/l
 RT: 7.082 min Scan# 902
 Delta R.T. 0.006 min
 Lab File: VD080483.D
 Acq: 26 Jun 2025 15:58

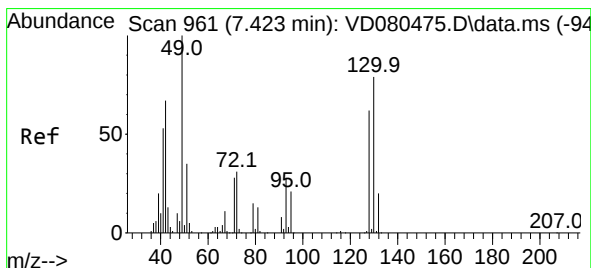
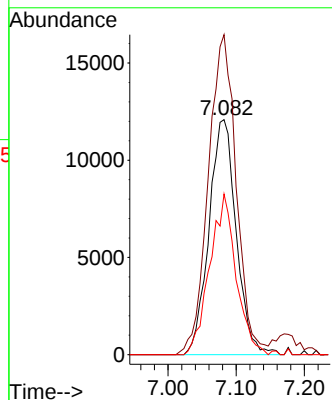
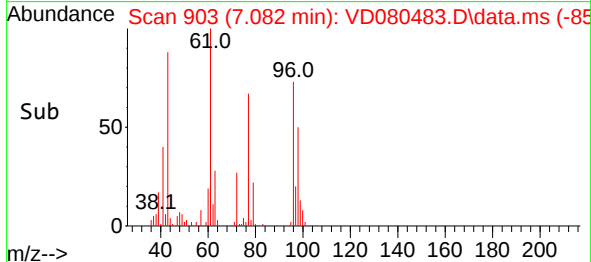
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025



Tgt Ion: 96 Resp: 3362
 Ion Ratio Lower Upper
 96 100
 61 139.7 0.0 274.6
 98 66.1 0.0 128.0

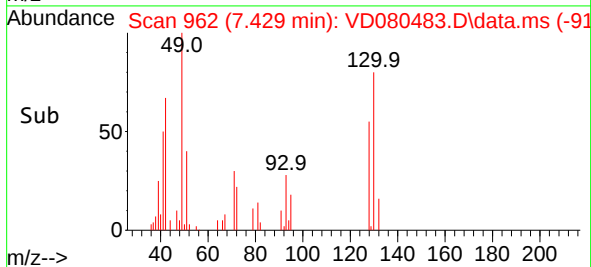
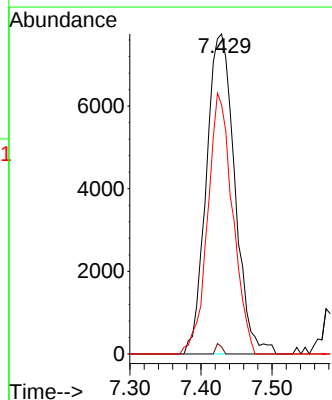
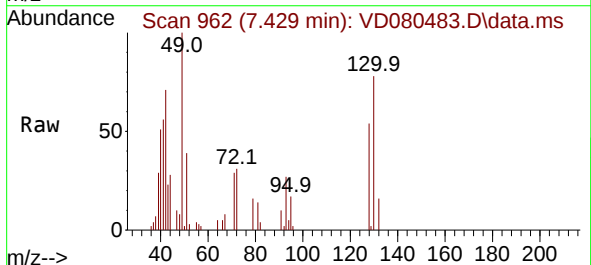
Manual Integrations
 APPROVED

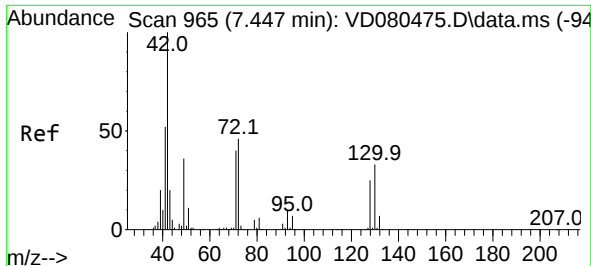
Reviewed By :Mahesh Dadoda 06/27/2025
 Supervised By :Semsettin Yesilyurt 06/27/2025



#28
 Bromochloromethane
 Concen: 5.956 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.006 min
 Lab File: VD080483.D
 Acq: 26 Jun 2025 15:58

Tgt Ion: 49 Resp: 21593
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.2
 130 71.4 62.8 94.2





#29

Tetrahydrofuran

Concen: 27.980 ug/l

RT: 7.441 min Scan# 90

Delta R.T. -0.006 min

Lab File: VD080483.D

Acq: 26 Jun 2025 15:58

Instrument :

MSVOA_D

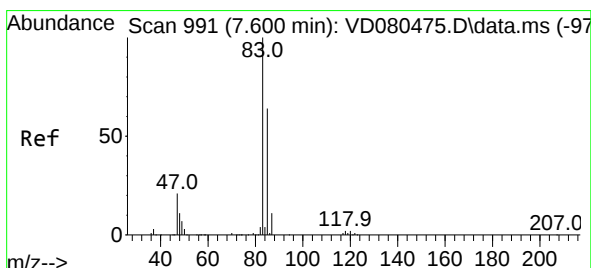
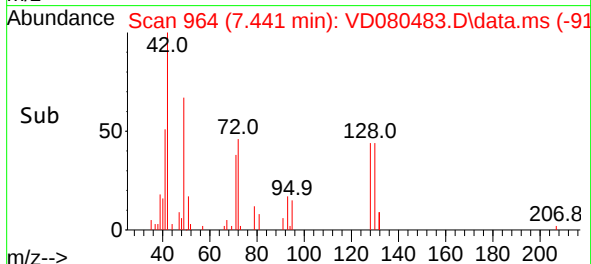
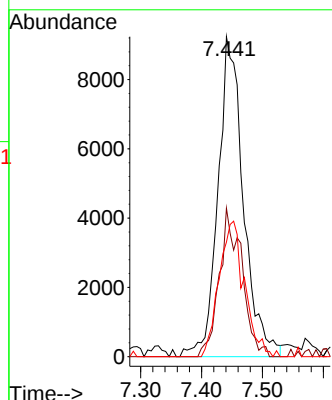
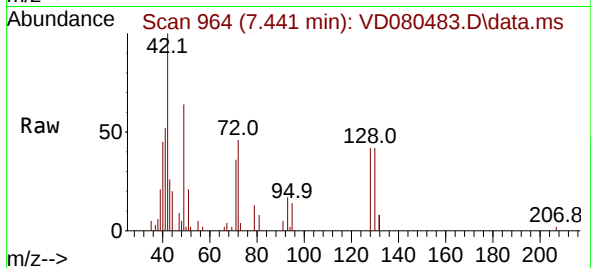
ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion:	42	Resp:	2684
Ion Ratio	Lower	Upper	
42	100		
72	41.4	35.9	53.9
71	42.3	33.2	49.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#30

Chloroform

Concen: 5.467 ug/l

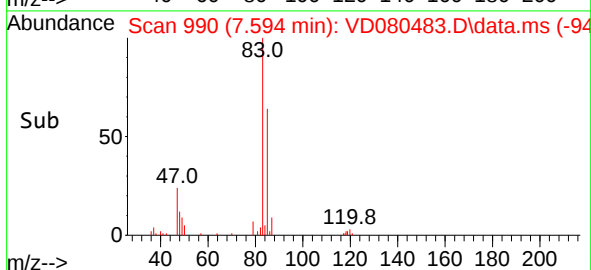
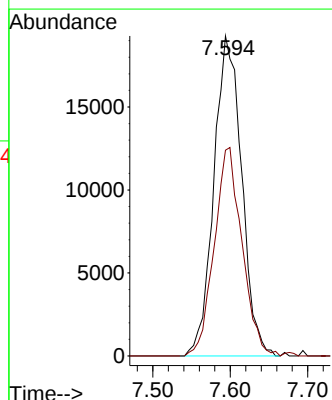
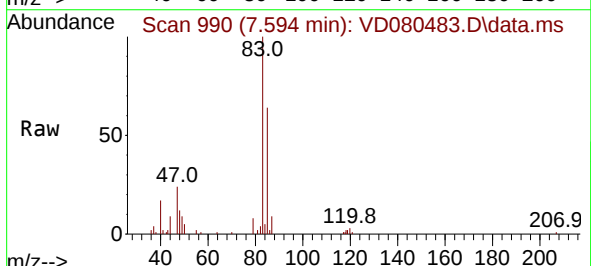
RT: 7.594 min Scan# 990

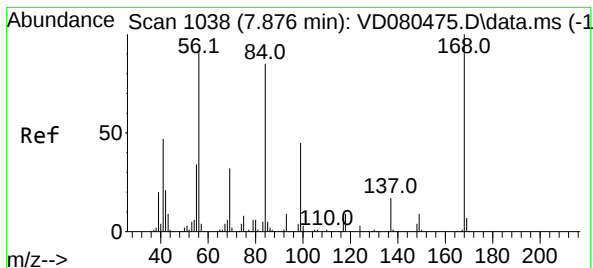
Delta R.T. -0.006 min

Lab File: VD080483.D

Acq: 26 Jun 2025 15:58

Tgt Ion:	83	Resp:	48120
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.2	76.8





#31

Cyclohexane

Concen: 5.776 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VD080483.D

Acq: 26 Jun 2025 15:58

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion: 56 Resp: 5146

Ion Ratio Lower Upper

56 100

69 58.2 28.1 42.1

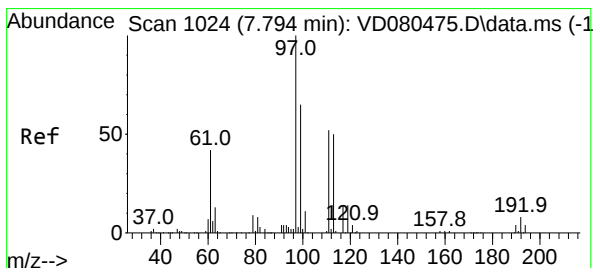
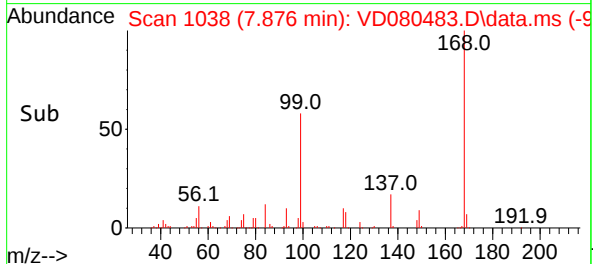
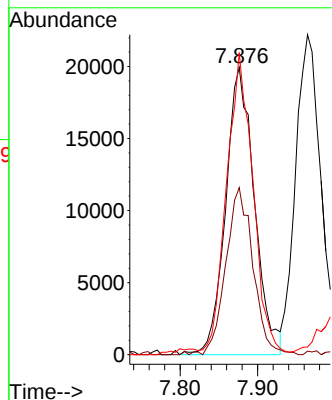
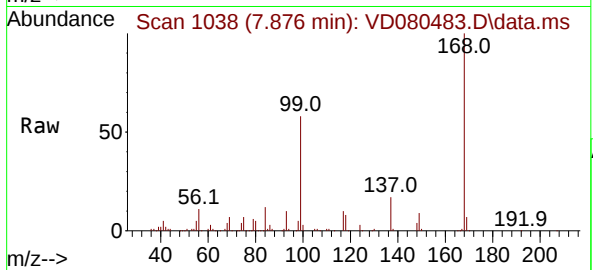
84 103.2 73.7 110.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025

Supervised By :Semsettin Yesilyurt 06/27/2025



#32

1,1,1-Trichloroethane

Concen: 5.313 ug/l

RT: 7.788 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VD080483.D

Acq: 26 Jun 2025 15:58

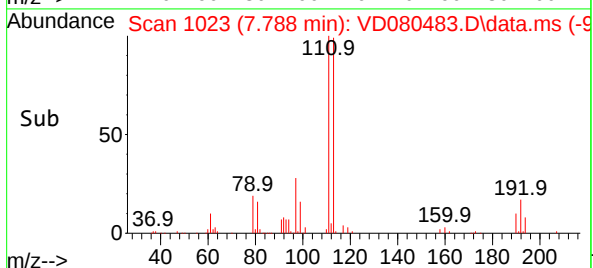
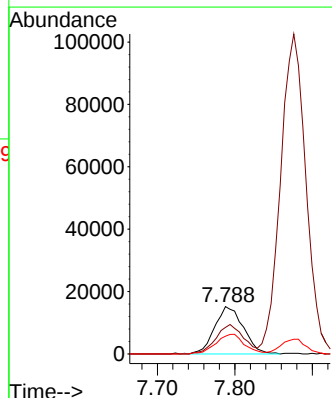
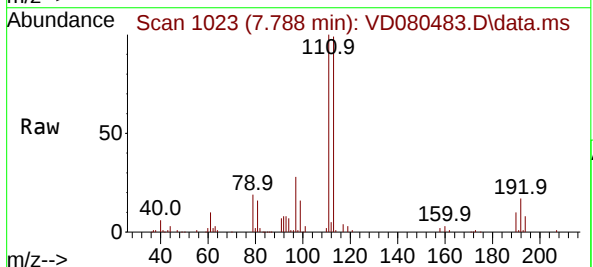
Tgt Ion: 97 Resp: 39104

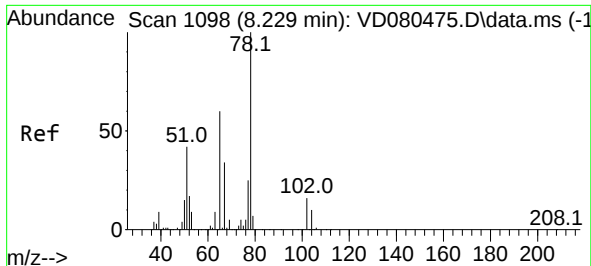
Ion Ratio Lower Upper

97 100

99 59.9 51.5 77.3

61 41.3 33.8 50.6





#33

1,2-Dichloroethane-d4

Concen: 58.137 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VD080483.D

Acq: 26 Jun 2025 15:58

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion: 65 Resp: 233440

Ion Ratio Lower Upper

65 100

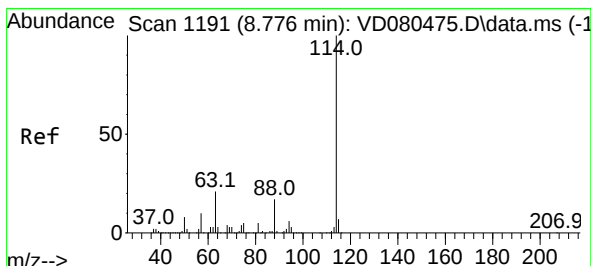
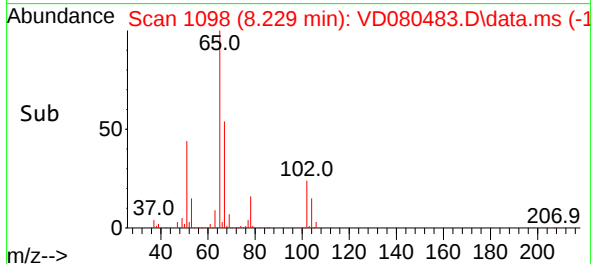
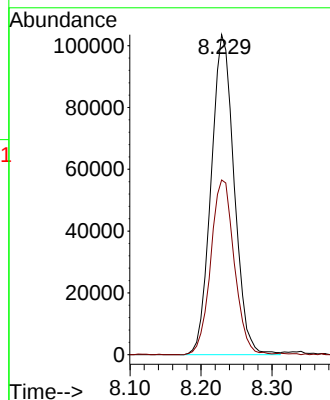
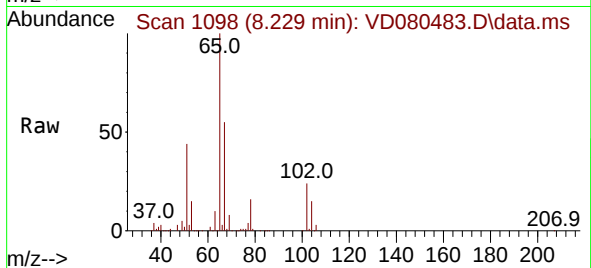
67 55.7 0.0 113.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025

Supervised By :Semsettin Yesilyurt 06/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080483.D

Acq: 26 Jun 2025 15:58

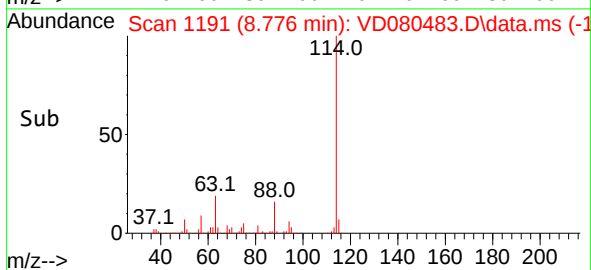
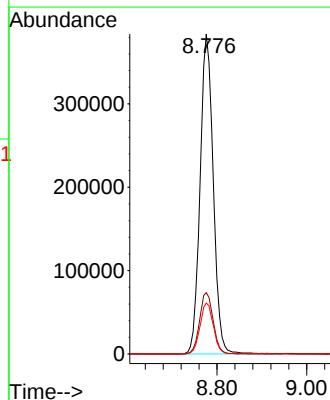
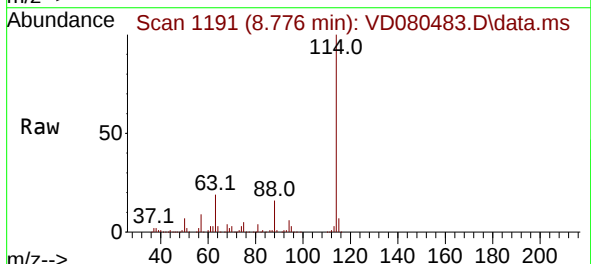
Tgt Ion:114 Resp: 781522

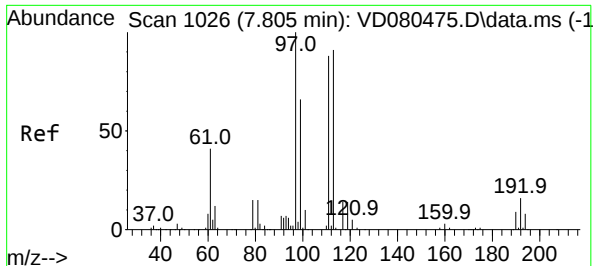
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.0

88 15.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 55.381 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080483.D

Acq: 26 Jun 2025 15:58

Instrument :

MSVOA_D

ClientSampleId :

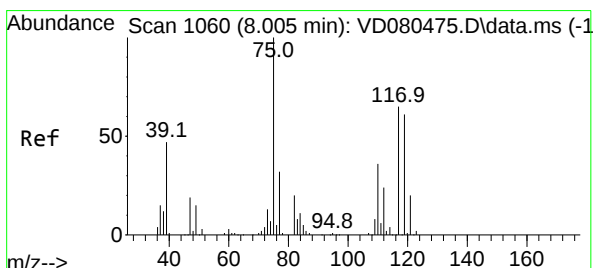
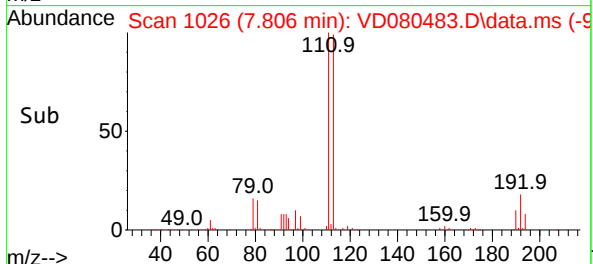
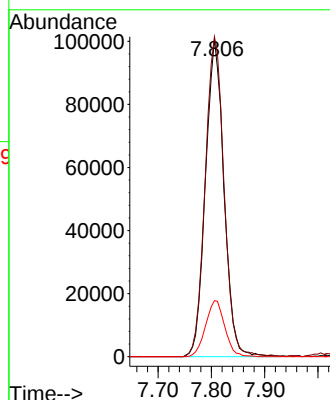
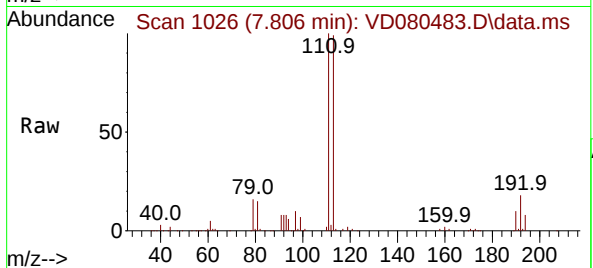
LOQ-SOIL-02-QT2-2025

Tgt Ion:	113	Resp:	24235
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.5	123.7
192	18.4	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#36

1,1-Dichloropropene

Concen: 5.036 ug/l

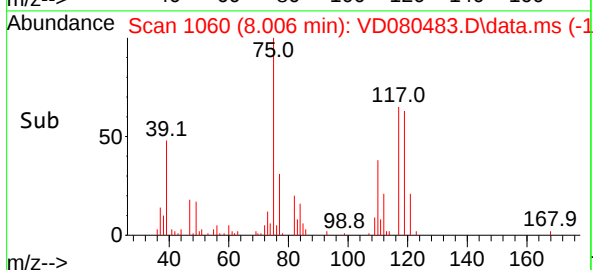
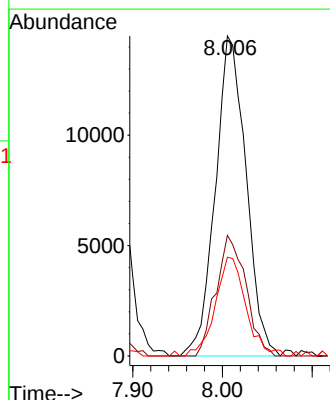
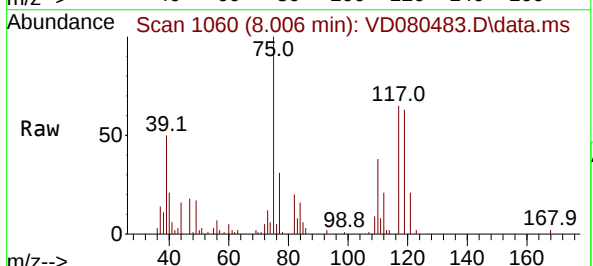
RT: 8.006 min Scan# 1060

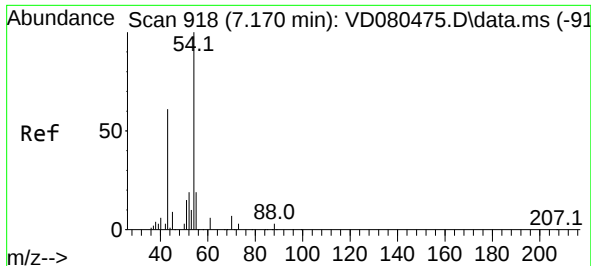
Delta R.T. 0.000 min

Lab File: VD080483.D

Acq: 26 Jun 2025 15:58

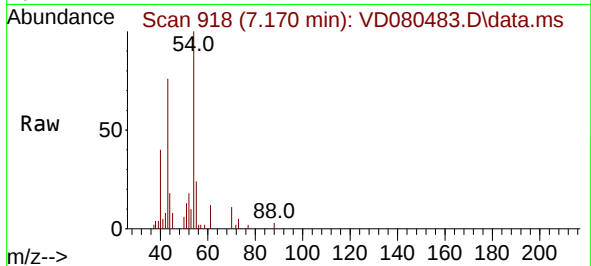
Tgt Ion:	75	Resp:	34423
Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.2	54.6
77	30.6	25.2	37.8





#37
Ethyl Acetate
Concen: 5.412 ug/l m
RT: 7.170 min Scan# 918
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

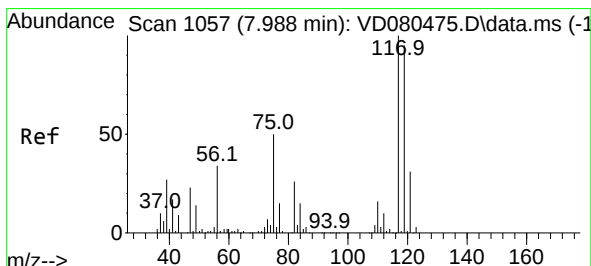
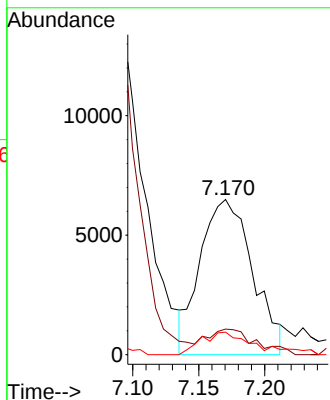
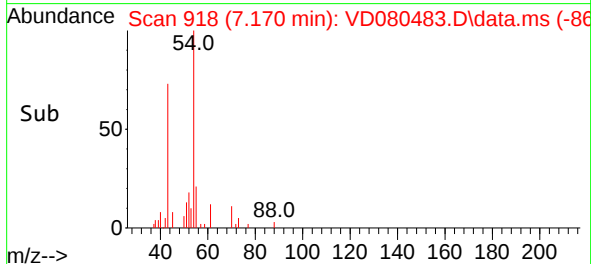
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion: 43 Resp: 1797
Ion Ratio Lower Upper
43 100
61 15.3 12.2 18.2
70 15.2 9.2 13.8

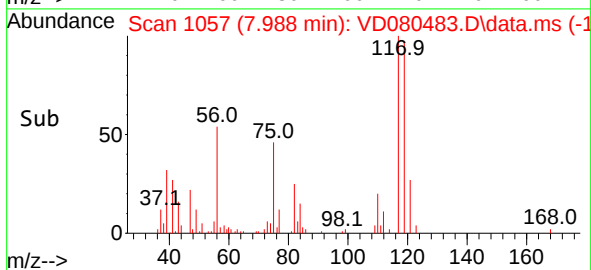
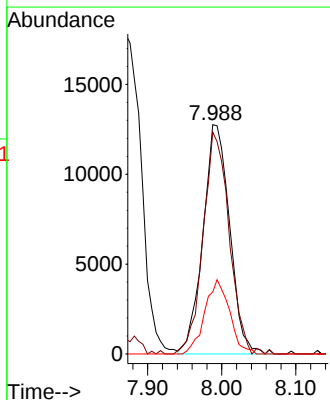
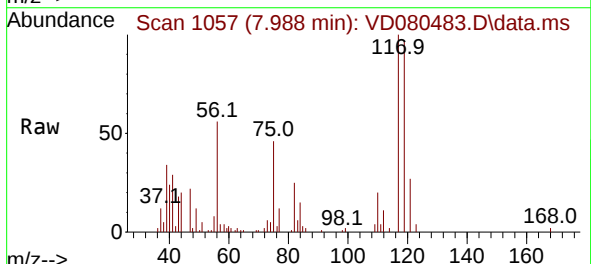
Manual Integrations
APPROVED

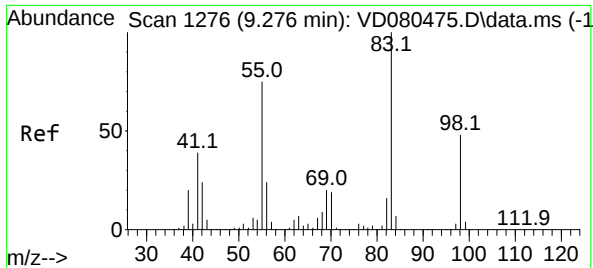
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#38
Carbon Tetrachloride
Concen: 4.896 ug/l
RT: 7.988 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

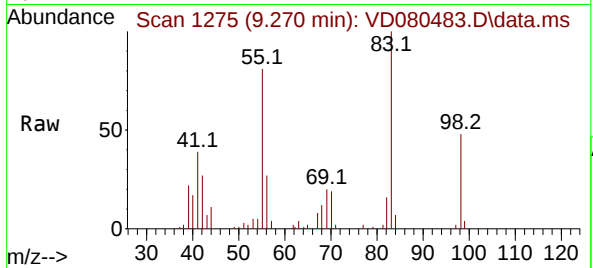
Tgt Ion:117 Resp: 31971
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.6
121 27.1 25.0 37.4





#39
Methylcyclohexane
Concen: 4.712 ug/l
RT: 9.270 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

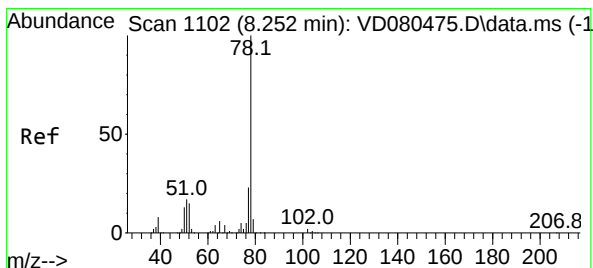
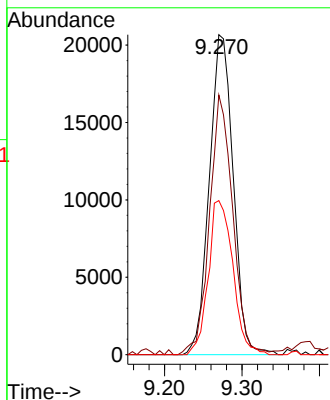
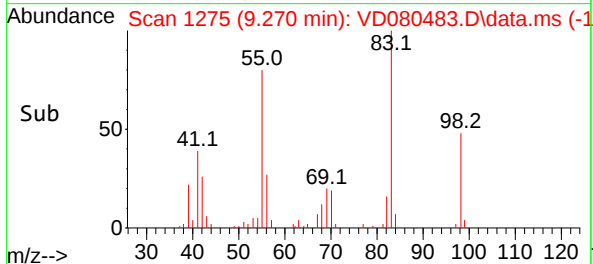
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



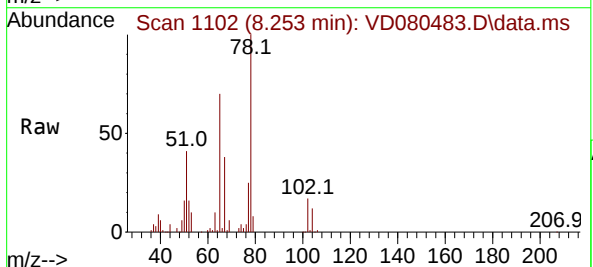
Tgt Ion: 83 Resp: 44338
Ion Ratio Lower Upper
83 100
55 81.2 59.8 89.8
98 48.2 38.2 57.2

Manual Integrations
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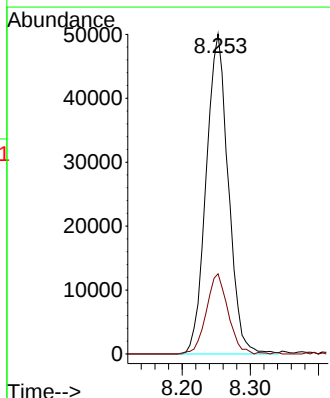
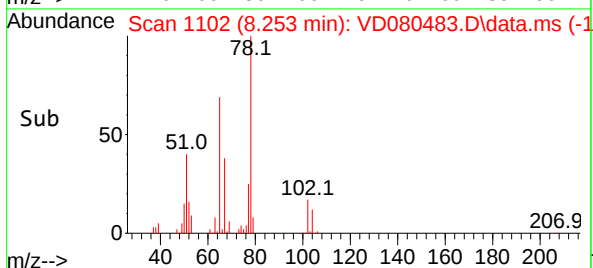
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025

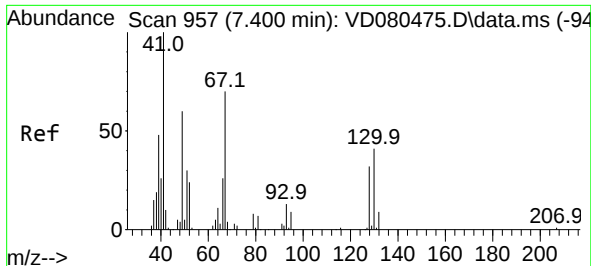


#40
Benzene
Concen: 5.161 ug/l
RT: 8.253 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58



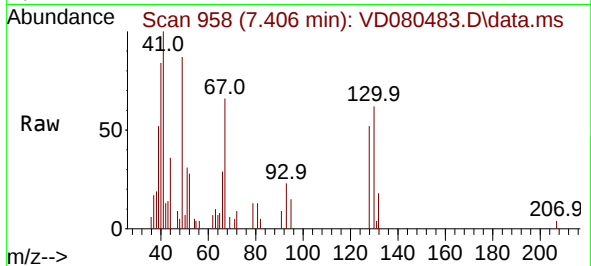
Tgt Ion: 78 Resp: 113213
Ion Ratio Lower Upper
78 100
77 25.0 18.6 28.0





#41
Methacrylonitrile
Concen: 5.408 ug/l
RT: 7.406 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

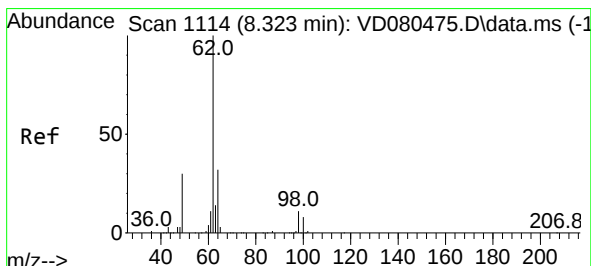
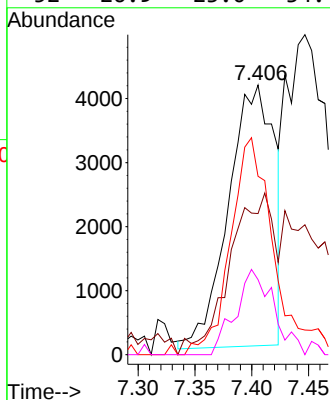
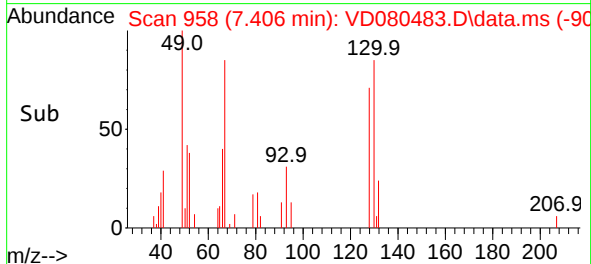
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion: 41 Resp: 1148
Ion Ratio Lower Upper
41 100
39 60.2 43.4 65.0
67 77.9 59.2 88.8
52 26.9 23.0 34.4

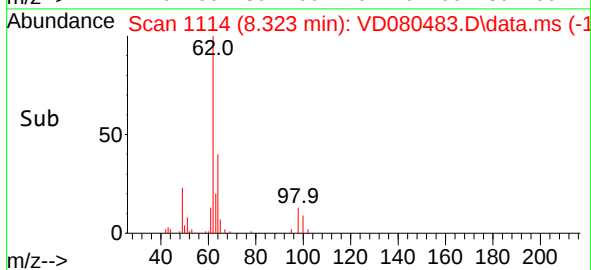
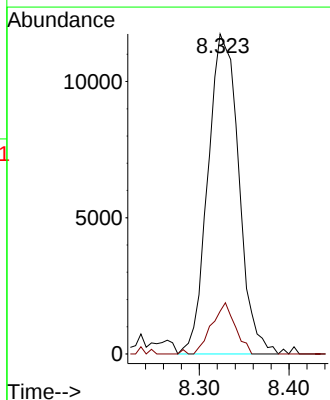
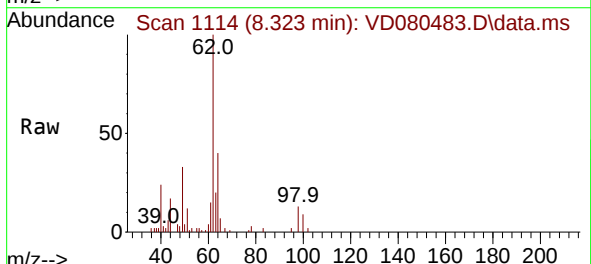
Manual Integrations
APPROVED

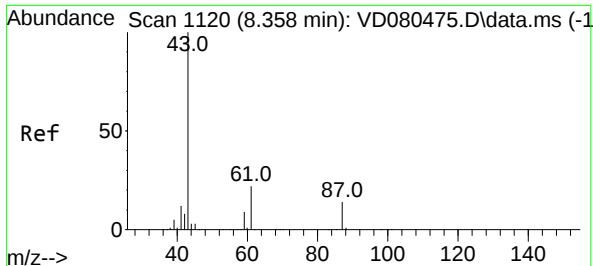
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#42
1,2-Dichloroethane
Concen: 5.438 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

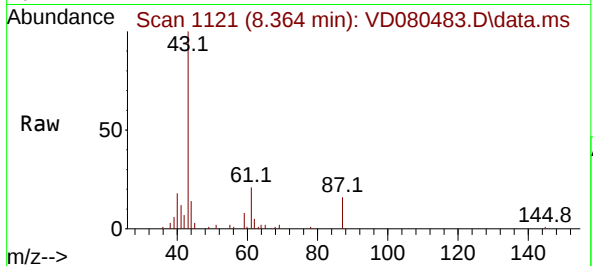
Tgt Ion: 62 Resp: 28064
Ion Ratio Lower Upper
62 100
98 12.1 0.0 22.0





#43
Isopropyl Acetate
Concen: 5.272 ug/l
RT: 8.364 min Scan# 1121
Delta R.T. 0.006 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

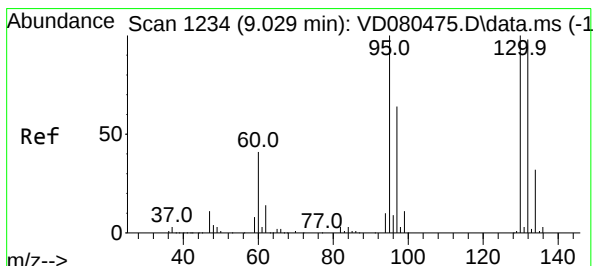
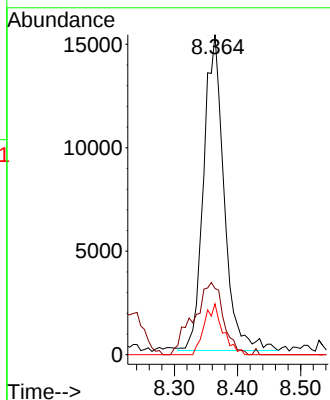
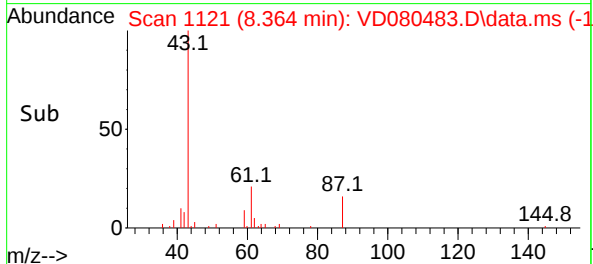
Instrument : MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion: 43 Resp: 3446
Ion Ratio Lower Upper
43 100
61 32.8 24.4 36.6
87 14.5 11.4 17.2

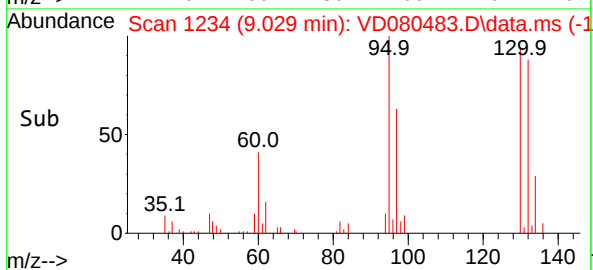
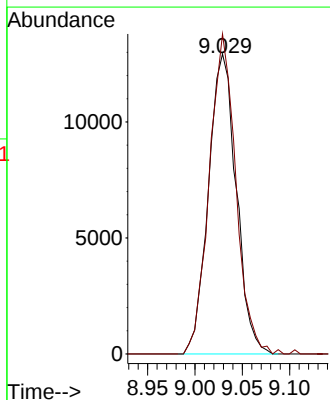
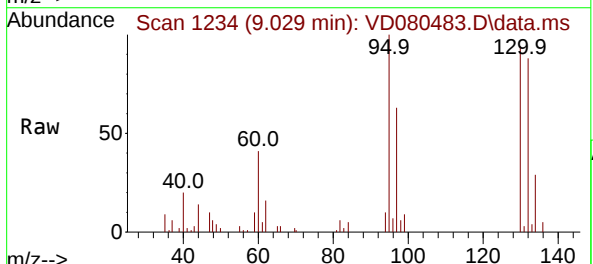
Manual Integrations
APPROVED

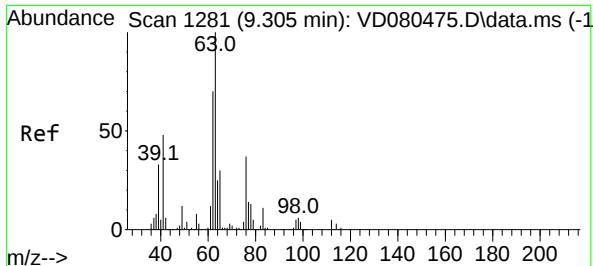
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#44
Trichloroethene
Concen: 4.964 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

Tgt Ion:130 Resp: 26389
Ion Ratio Lower Upper
130 100
95 106.7 0.0 200.6





#45

1,2-Dichloropropane

Concen: 5.442 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080483.D

Acq: 26 Jun 2025 15:58

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion: 63 Resp: 28950

Ion Ratio Lower Upper

63 100

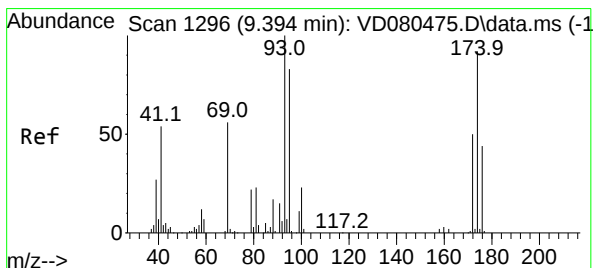
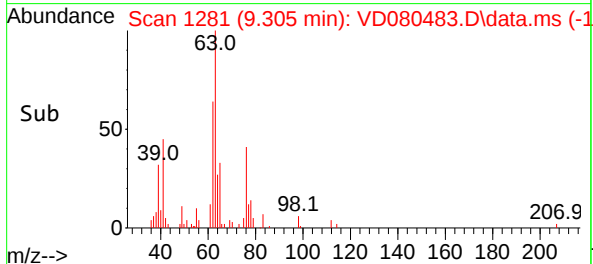
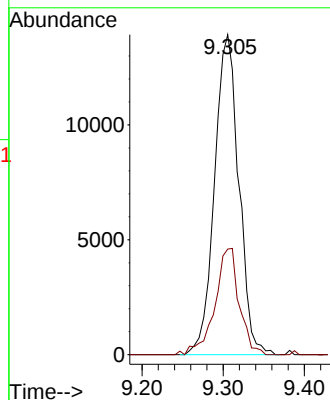
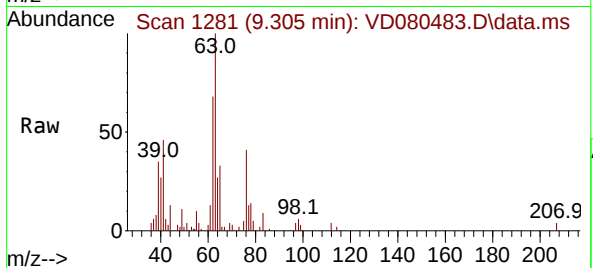
65 33.0 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025

Supervised By :Semsettin Yesilyurt 06/27/2025



#46

Dibromomethane

Concen: 4.936 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080483.D

Acq: 26 Jun 2025 15:58

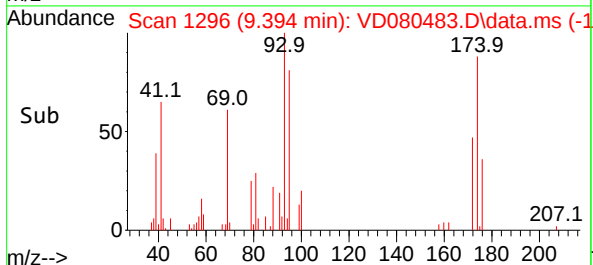
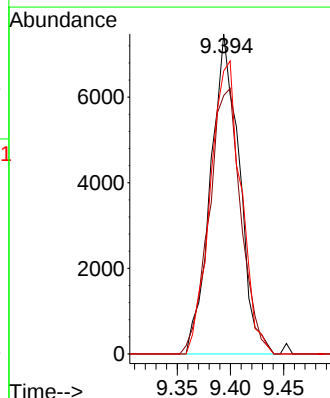
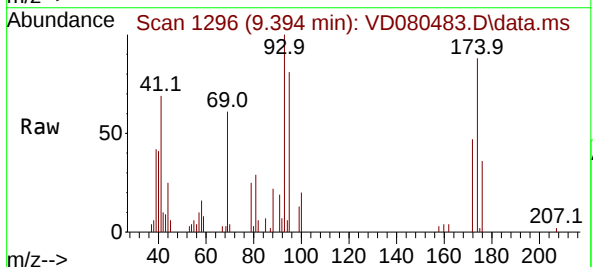
Tgt Ion: 93 Resp: 14001

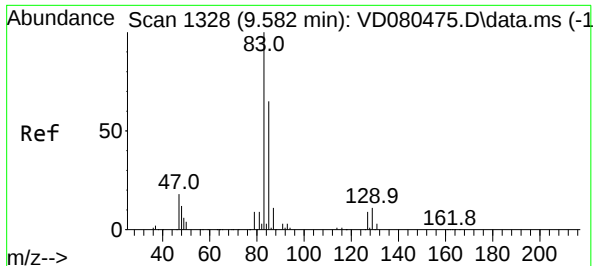
Ion Ratio Lower Upper

93 100

95 92.3 66.2 99.4

174 98.0 75.4 113.0





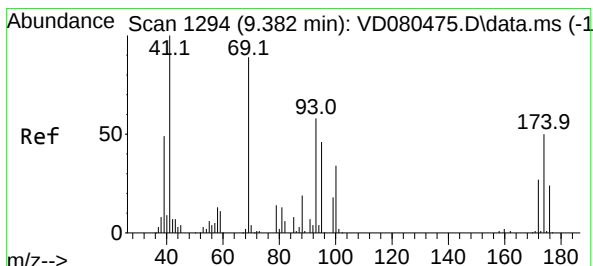
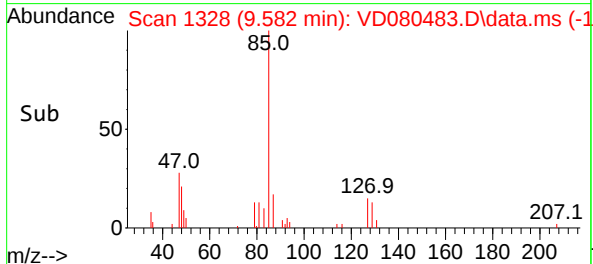
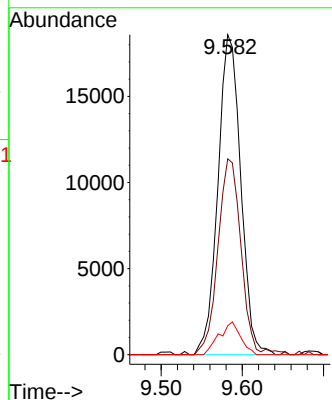
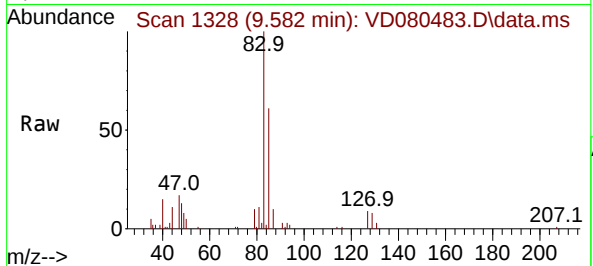
#47
Bromodichloromethane
Concen: 5.171 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2025

Tgt Ion: 83 Resp: 3636
Ion Ratio Lower Upper
83 100
85 61.2 52.2 78.2
127 9.0 6.9 10.3

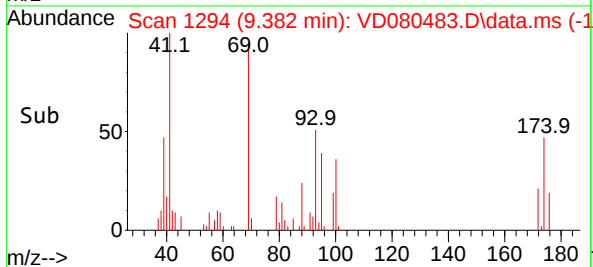
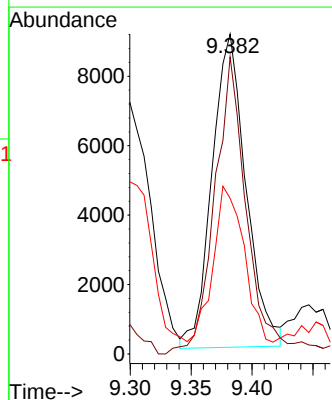
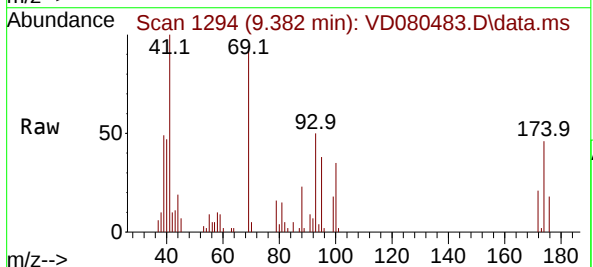
Manual Integrations
APPROVED

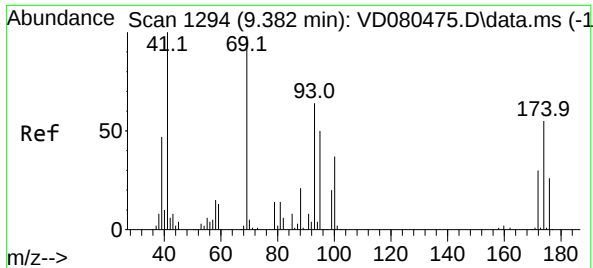
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#48
Methyl methacrylate
Concen: 5.304 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

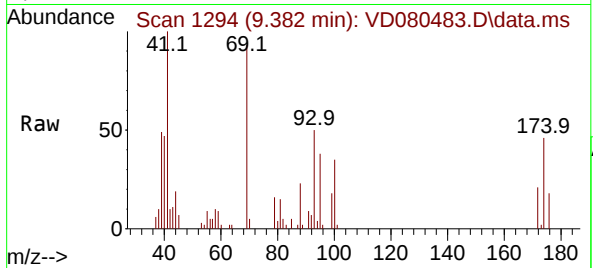
Tgt Ion: 41 Resp: 17540
Ion Ratio Lower Upper
41 100
69 90.2 70.2 105.4
39 45.0 40.2 60.2





#49
1,4-Dioxane
Concen: 118.430 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

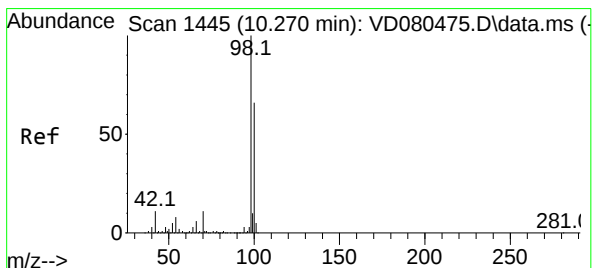
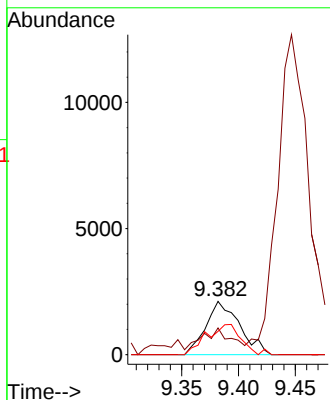
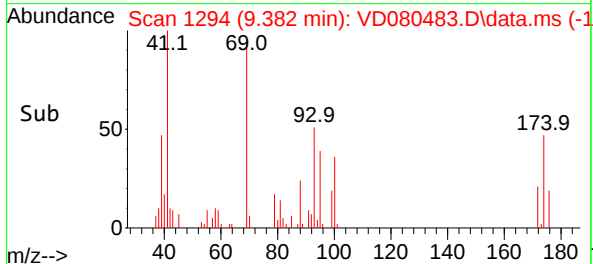
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



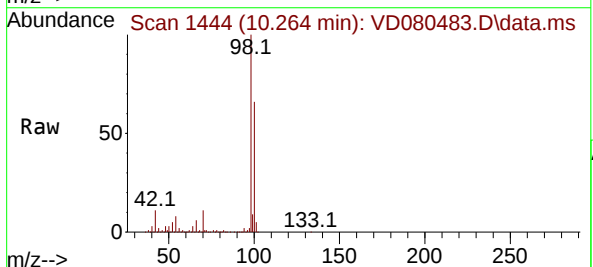
Tgt Ion: 88 Resp: 4358
Ion Ratio Lower Upper
88 100
43 32.6 26.7 40.1
58 58.4 56.4 84.6

Manual Integrations
APPROVED

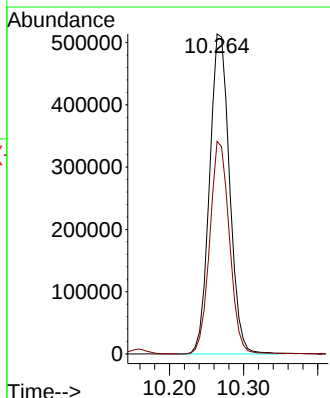
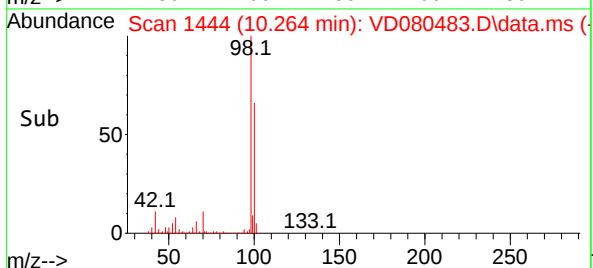
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025

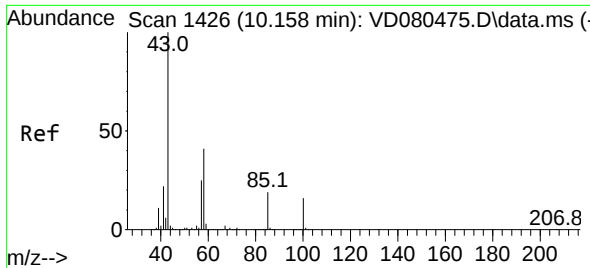


#50
Toluene-d8
Concen: 54.408 ug/l
RT: 10.264 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58



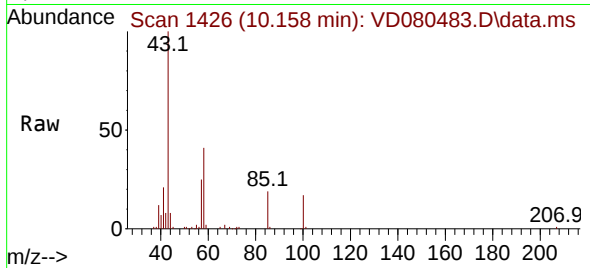
Tgt Ion: 98 Resp: 961894
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 25.848 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

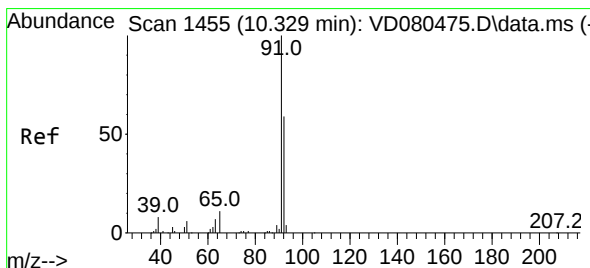
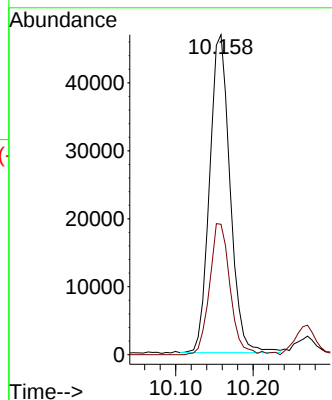
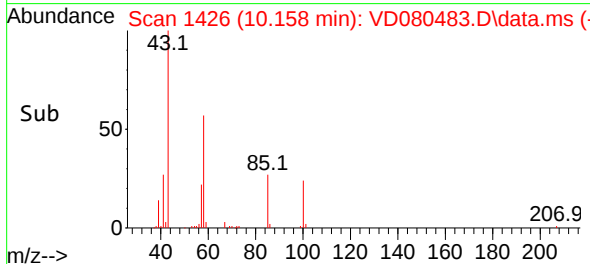
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion: 43 Resp: 85810
Ion Ratio Lower Upper
43 100
58 41.6 33.3 49.9

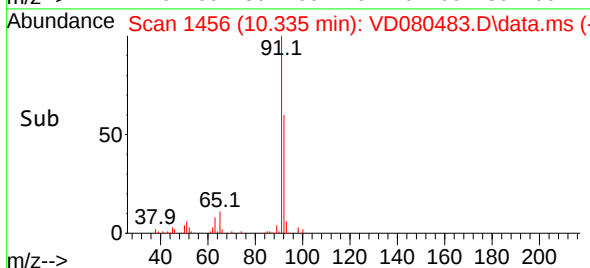
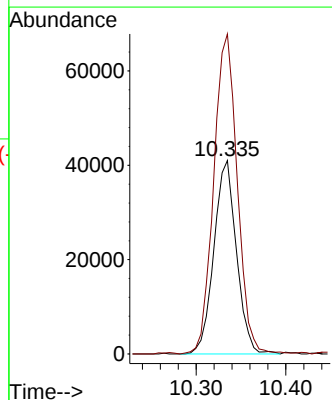
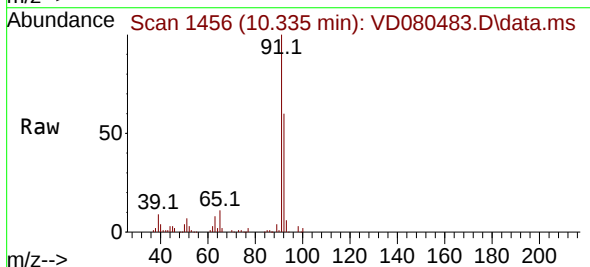
Manual Integrations
APPROVED

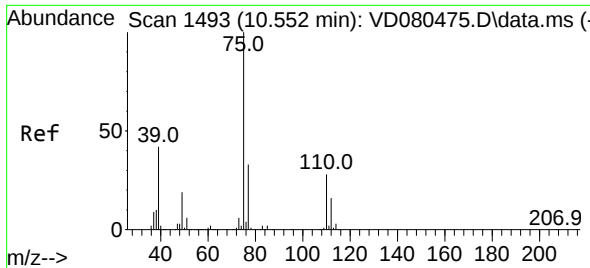
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#52
Toluene
Concen: 5.227 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

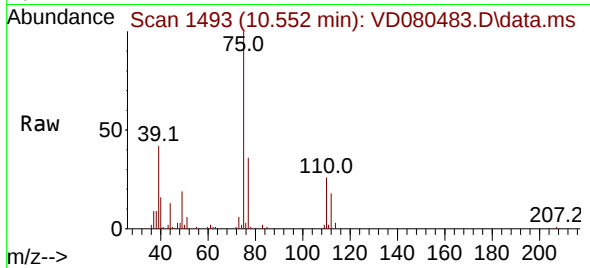
Tgt Ion: 92 Resp: 71667
Ion Ratio Lower Upper
92 100
91 172.6 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 5.169 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

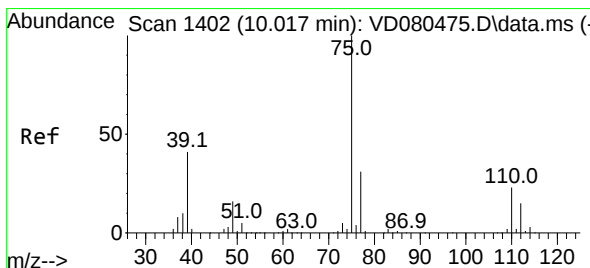
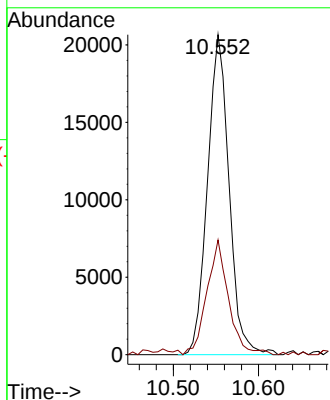
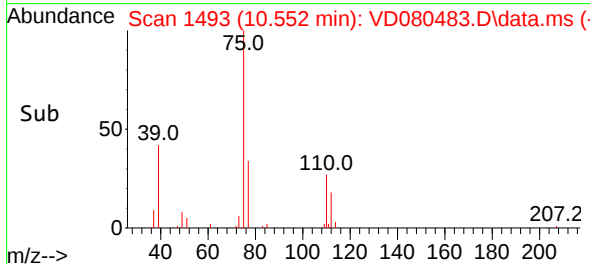
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2025



Tgt Ion: 75 Resp: 36400
Ion Ratio Lower Upper
75 100
77 35.8 26.2 39.2

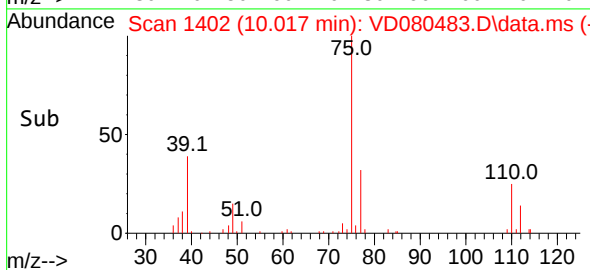
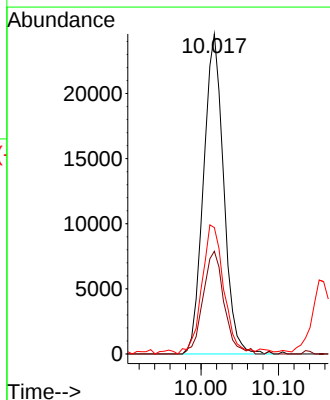
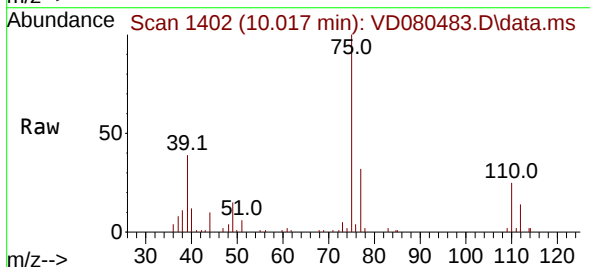
Manual Integrations
APPROVED

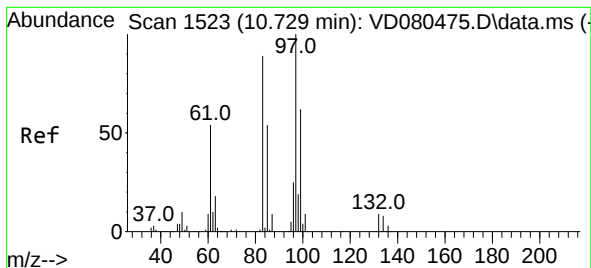
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#54
cis-1,3-Dichloropropene
Concen: 5.231 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

Tgt Ion: 75 Resp: 44263
Ion Ratio Lower Upper
75 100
77 32.1 24.9 37.3
39 39.5 32.5 48.7





#55

1,1,2-Trichloroethane

Concen: 5.184 ug/l

RT: 10.735 min Scan# 1501

Delta R.T. 0.006 min

Lab File: VD080483.D

Acq: 26 Jun 2025 15:58

Instrument :

MSVOA_D

ClientSampleId :

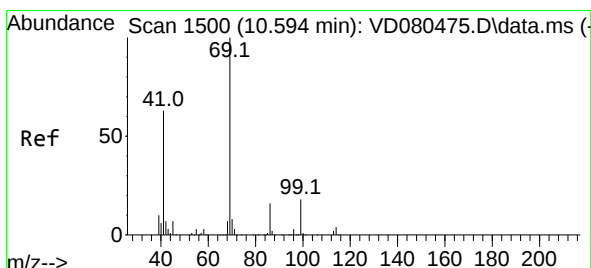
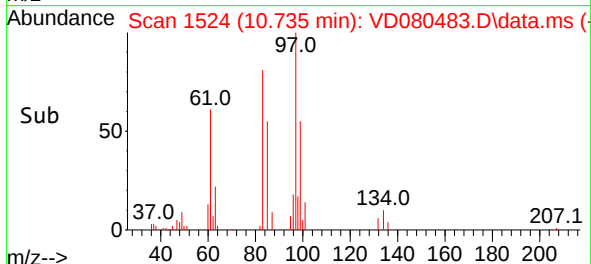
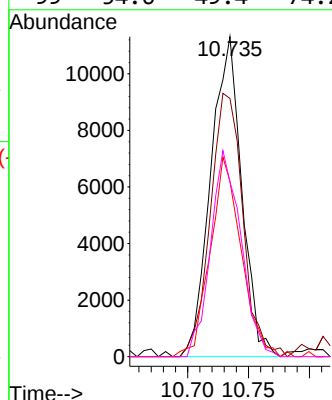
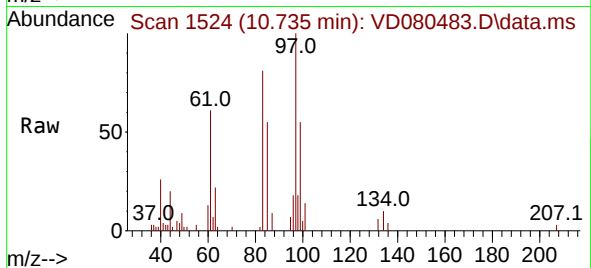
LOQ-SOIL-02-QT2-2025

Tgt Ion:	97	Resp:	2004
Ion	Ratio	Lower	Upper
97	100		
83	80.7	71.4	107.2
85	54.8	43.4	65.2
99	54.6	49.4	74.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#56

Ethyl methacrylate

Concen: 5.308 ug/l

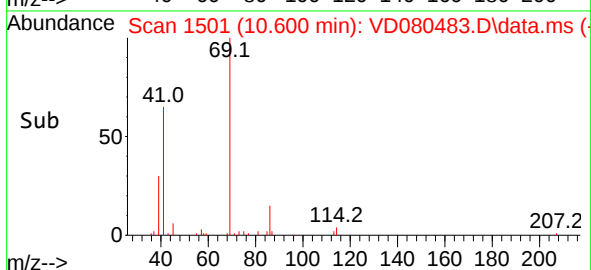
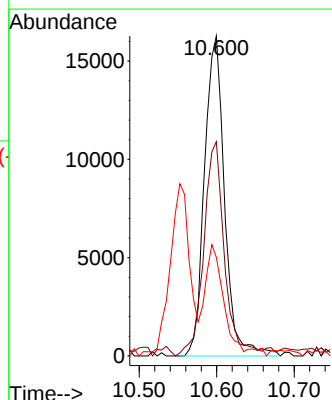
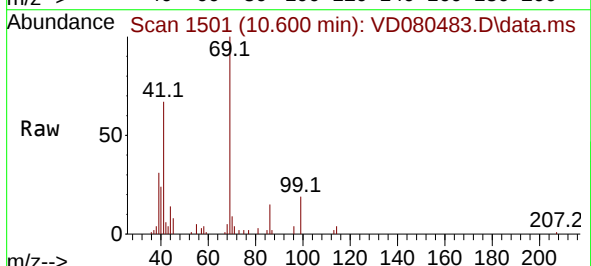
RT: 10.600 min Scan# 1501

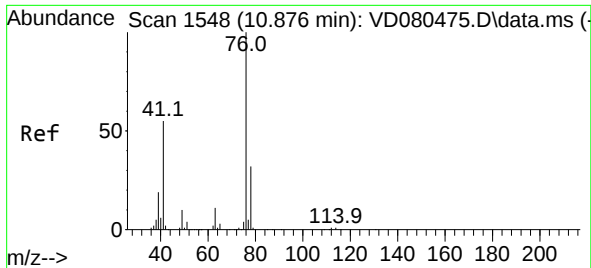
Delta R.T. 0.006 min

Lab File: VD080483.D

Acq: 26 Jun 2025 15:58

Tgt Ion:	69	Resp:	29298
Ion	Ratio	Lower	Upper
69	100		
41	68.8	50.7	76.1
39	32.0	23.4	35.2





#57

1,3-Dichloropropane

Concen: 5.333 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VD080483.D

Acq: 26 Jun 2025 15:58

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion: 76 Resp: 36079

Ion Ratio Lower Upper

76 100

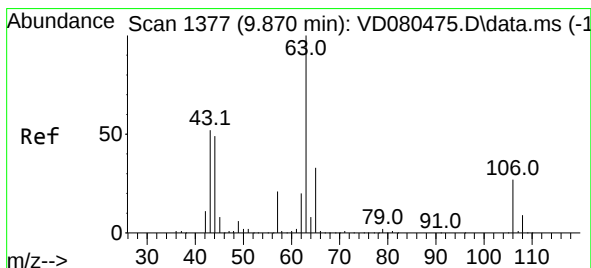
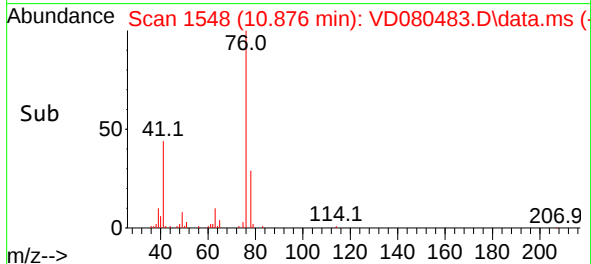
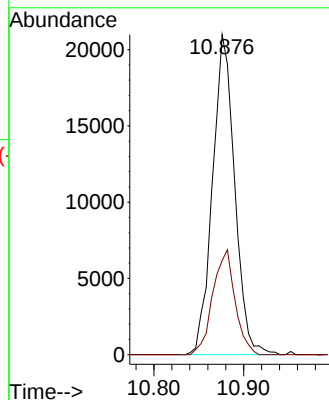
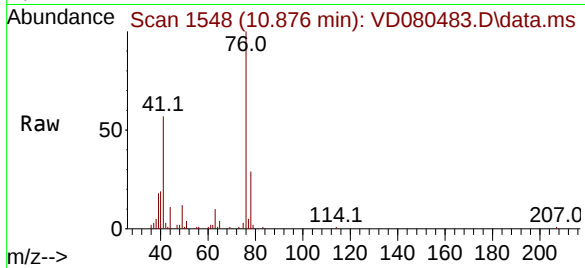
78 32.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025

Supervised By :Semsettin Yesilyurt 06/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 27.880 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080483.D

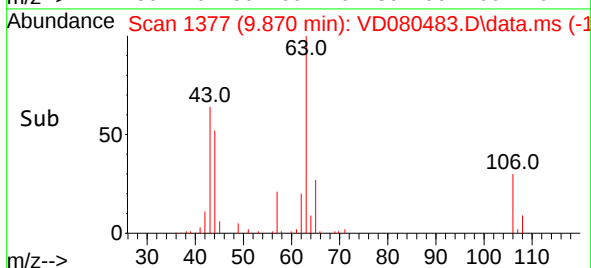
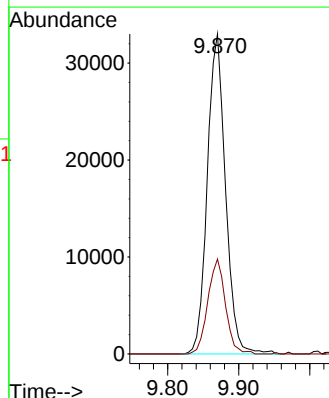
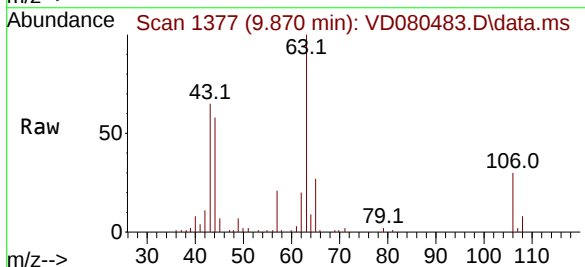
Acq: 26 Jun 2025 15:58

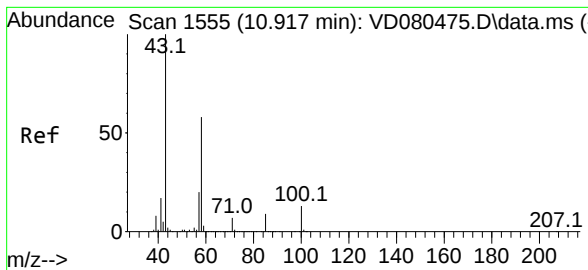
Tgt Ion: 63 Resp: 58770

Ion Ratio Lower Upper

63 100

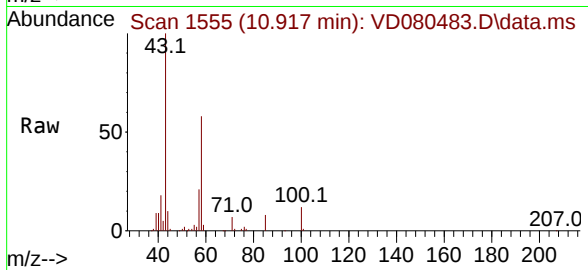
106 28.8 21.7 32.5





#59
2-Hexanone
Concen: 26.513 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

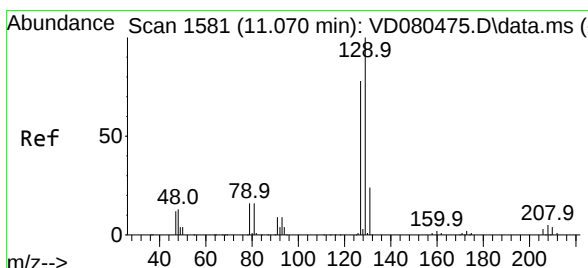
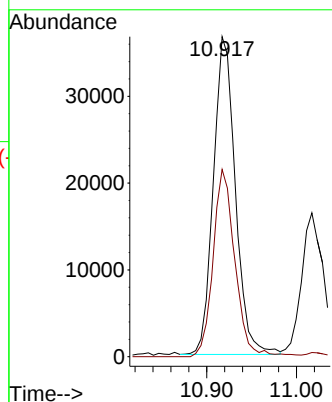
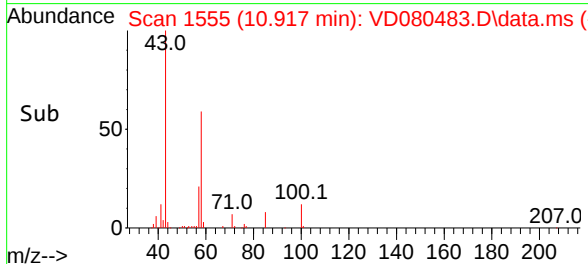
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2025



Tgt Ion: 43 Resp: 62290
Ion Ratio Lower Upper
43 100
58 58.6 29.0 87.1

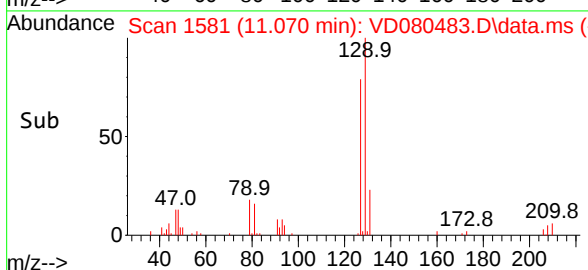
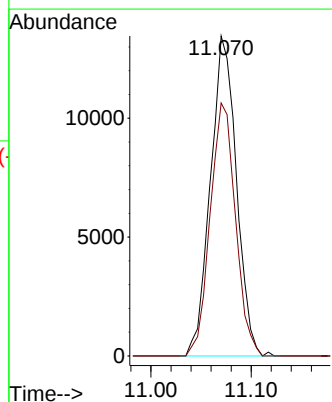
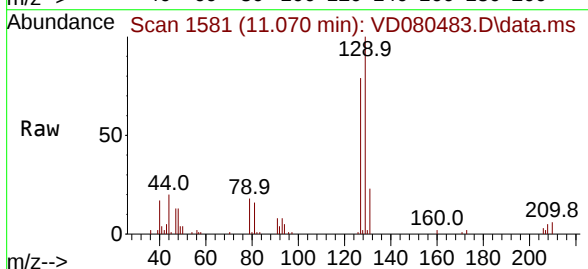
Manual Integrations
APPROVED

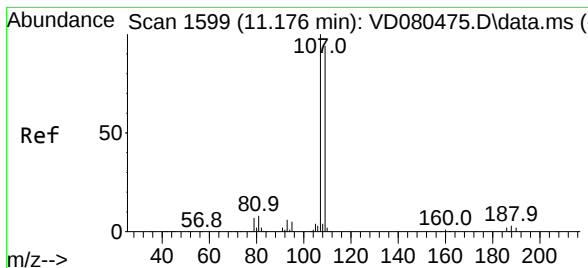
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#60
Dibromochloromethane
Concen: 5.077 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

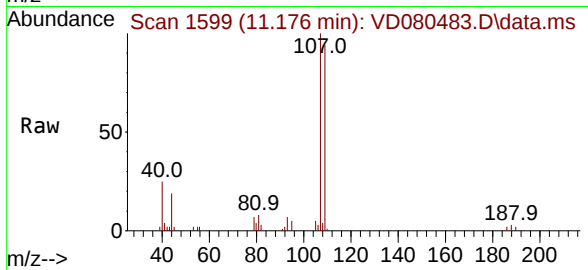
Tgt Ion:129 Resp: 24229
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2





#61
1,2-Dibromoethane
Concen: 5.127 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

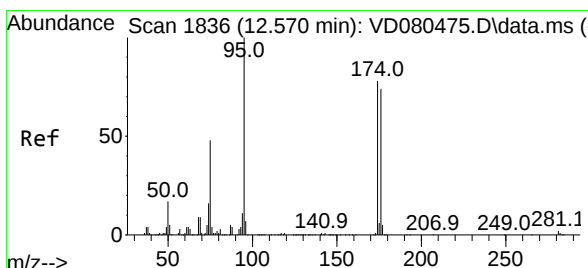
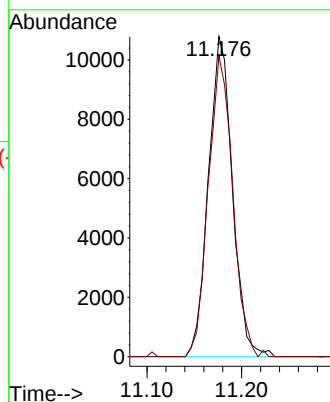
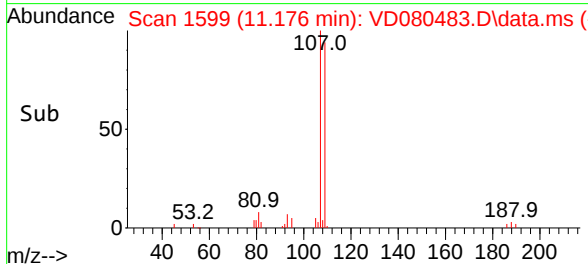
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:107 Resp: 1895
Ion Ratio Lower Upper
107 100
109 95.8 75.4 113.0

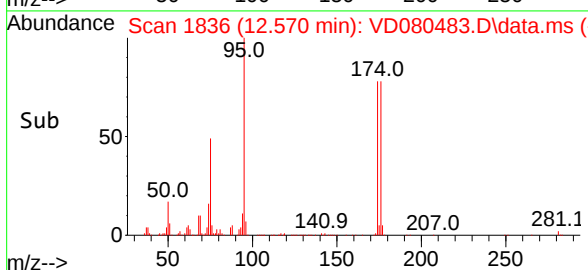
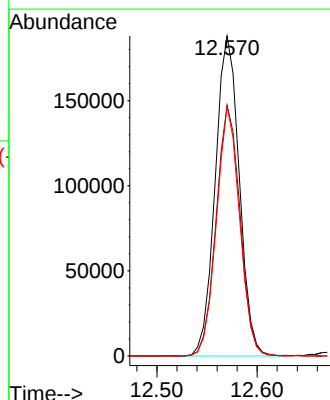
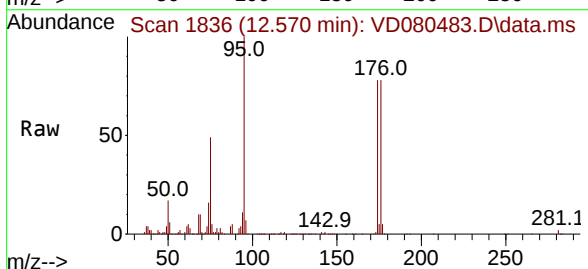
Manual Integrations
APPROVED

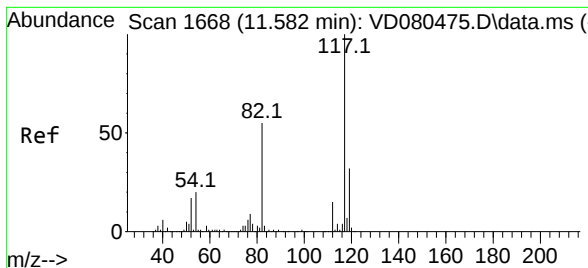
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#62
4-Bromofluorobenzene
Concen: 53.930 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

Tgt Ion: 95 Resp: 312622
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.0
176 74.9 0.0 149.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.576 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080483.D

Acq: 26 Jun 2025 15:58

Instrument :

MSVOA_D

ClientSampleId :

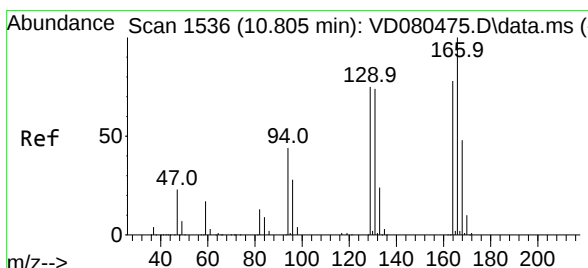
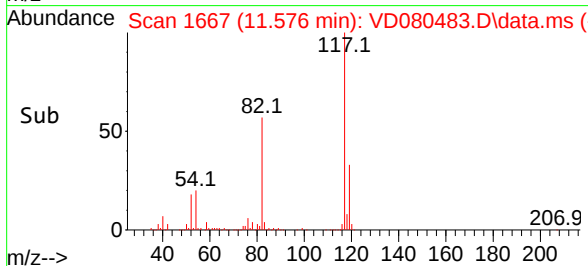
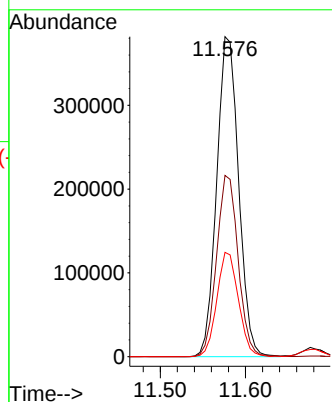
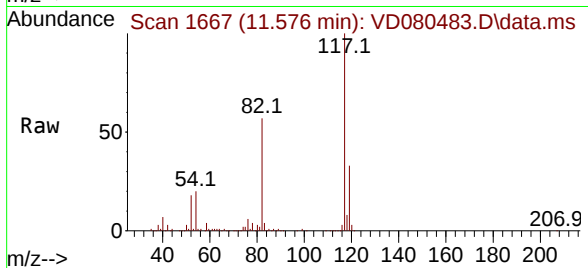
LOQ-SOIL-02-QT2-2025

Tgt Ion:	117	Resp:	682949
Ion	Ratio	Lower	Upper
117	100		
82	56.6	43.7	65.5
119	32.6	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#64

Tetrachloroethene

Concen: 5.051 ug/l

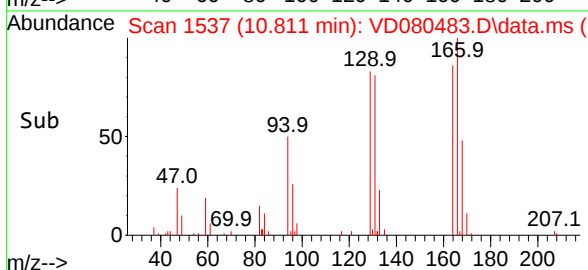
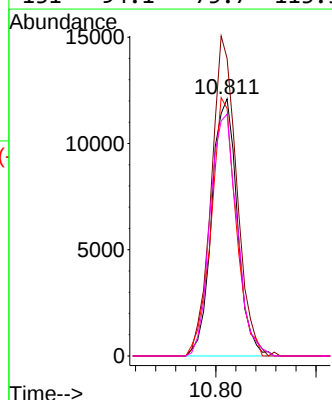
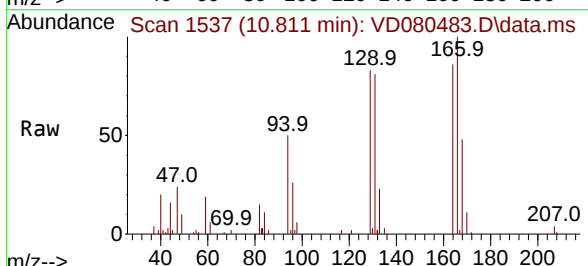
RT: 10.811 min Scan# 1537

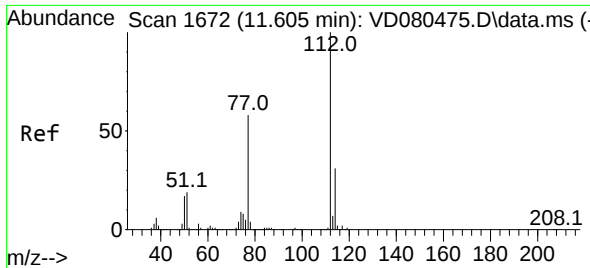
Delta R.T. 0.006 min

Lab File: VD080483.D

Acq: 26 Jun 2025 15:58

Tgt Ion:	164	Resp:	21410
Ion	Ratio	Lower	Upper
164	100		
166	115.8	102.6	153.8
129	96.3	76.6	115.0
131	94.1	75.7	113.5





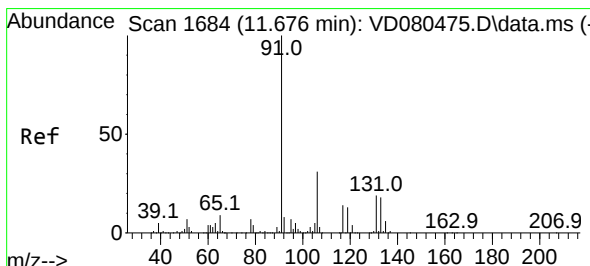
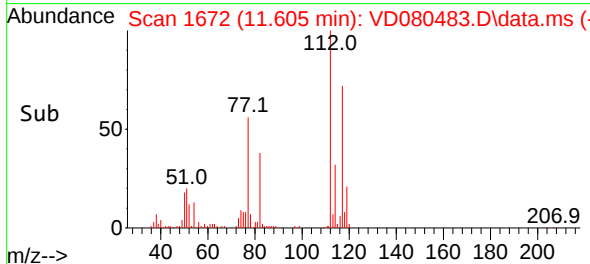
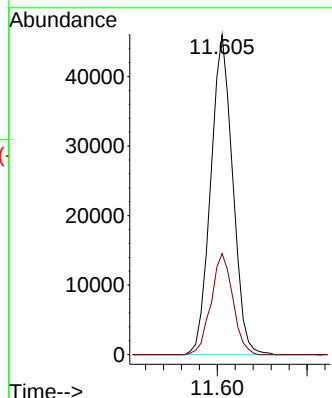
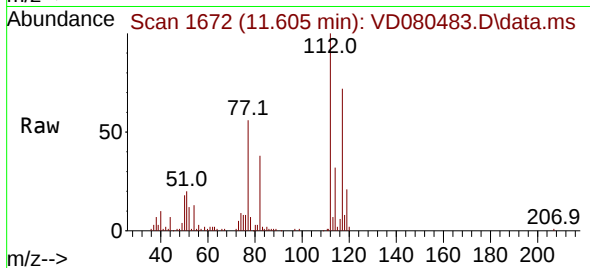
#65
Chlorobenzene
Concen: 5.301 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025

Tgt Ion:112 Resp: 78070
Ion Ratio Lower Upper
112 100
114 31.6 24.8 37.2

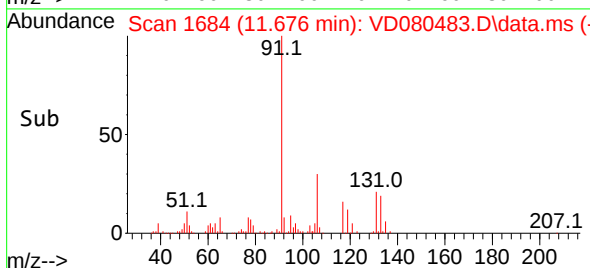
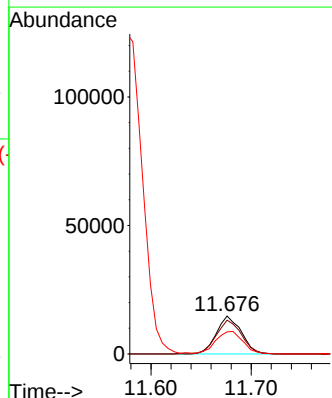
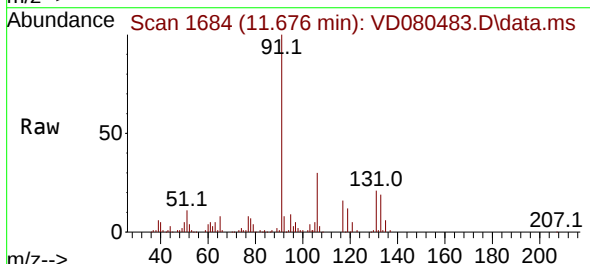
Manual Integrations
APPROVED

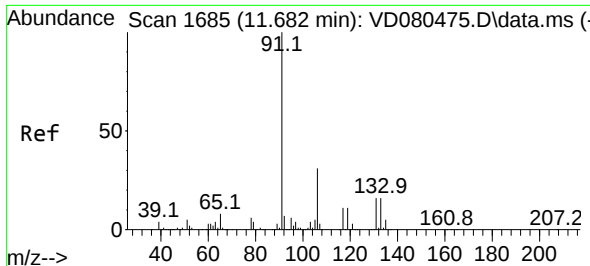
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 5.485 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

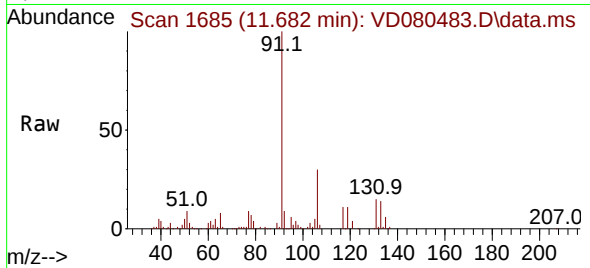
Tgt Ion:131 Resp: 25391
Ion Ratio Lower Upper
131 100
133 90.8 47.3 141.8
119 65.5 34.9 104.7





#67
Ethyl Benzene
Concen: 5.136 ug/l
RT: 11.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

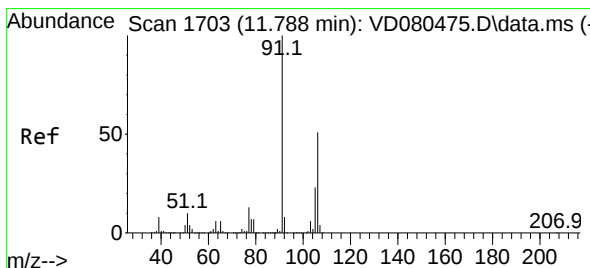
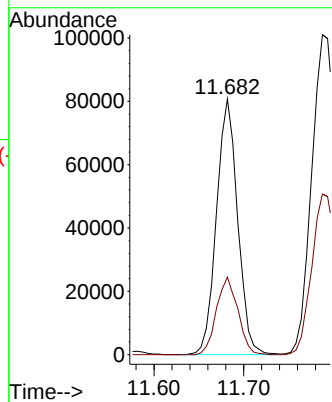
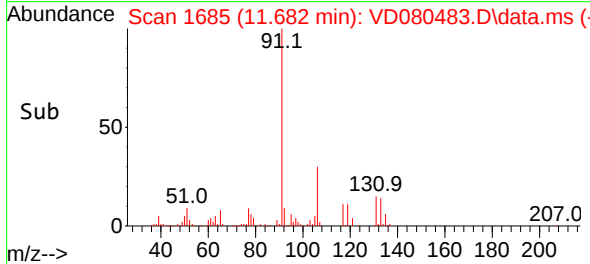
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



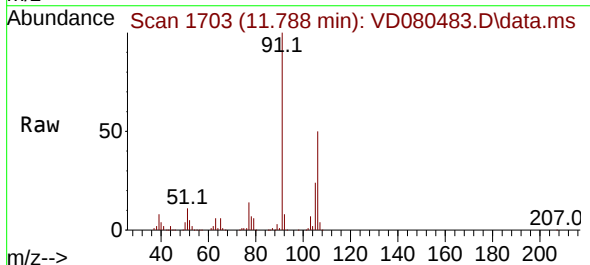
Tgt Ion: 91 Resp: 13231
Ion Ratio Lower Upper
91 100
106 30.3 25.0 37.4

Manual Integrations
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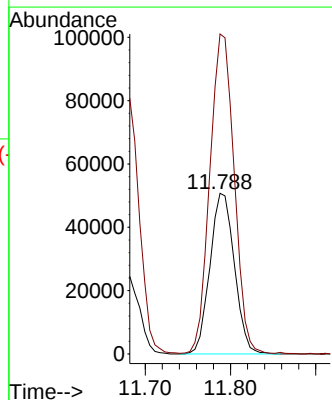
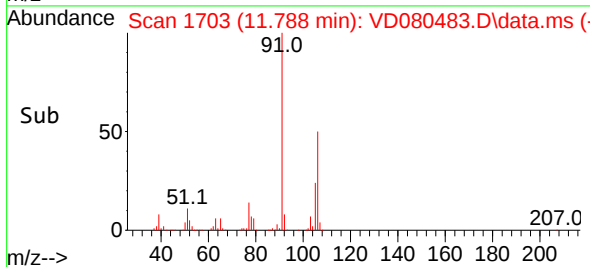
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025

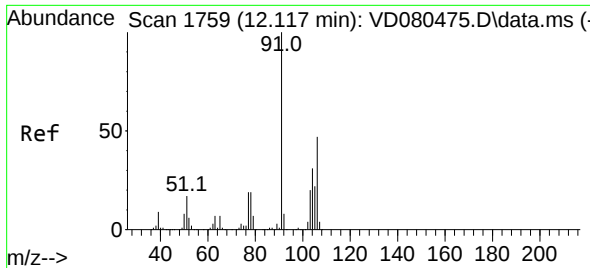


#68
m/p-Xylenes
Concen: 10.289 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58



Tgt Ion:106 Resp: 100934
Ion Ratio Lower Upper
106 100
91 197.8 159.9 239.9





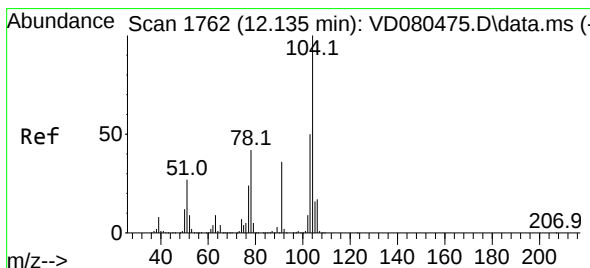
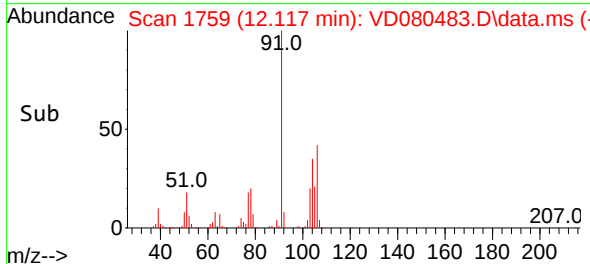
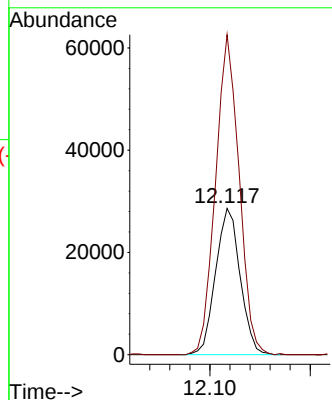
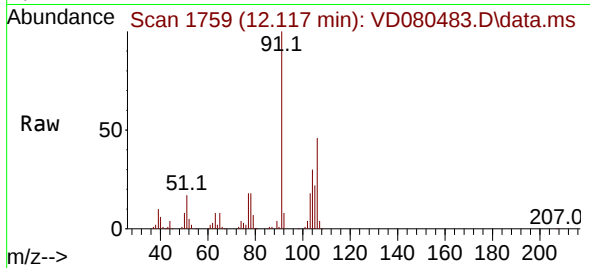
#69
o-Xylene
Concen: 5.122 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025

Tgt Ion:106 Resp: 4848
Ion Ratio Lower Upper
106 100
91 210.3 106.5 319.6

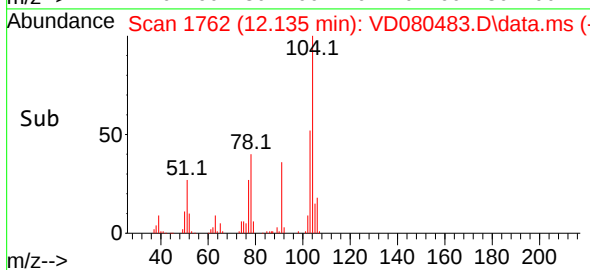
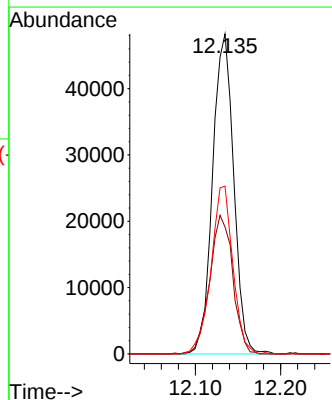
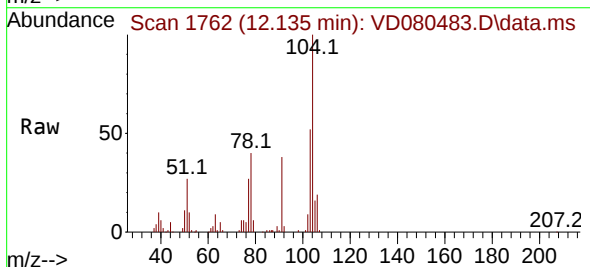
Manual Integrations
APPROVED

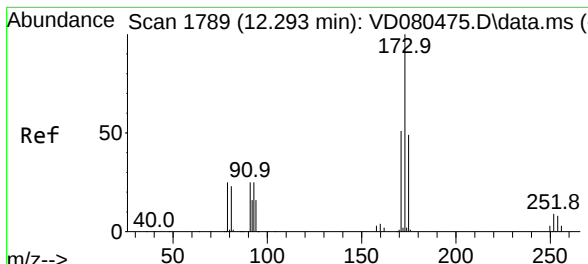
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#70
Styrene
Concen: 5.186 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

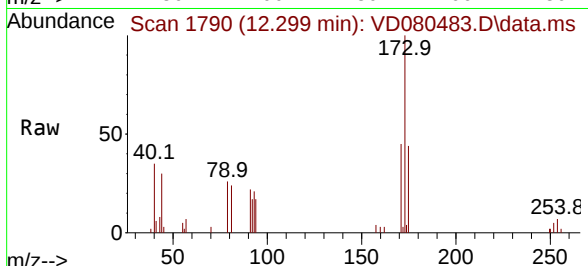
Tgt Ion:104 Resp: 83042
Ion Ratio Lower Upper
104 100
78 47.5 38.5 57.7
103 54.3 44.1 66.1





#71
 Bromoform
 Concen: 5.340 ug/l
 RT: 12.299 min Scan# 1790
 Delta R.T. 0.006 min
 Lab File: VD080483.D
 Acq: 26 Jun 2025 15:58

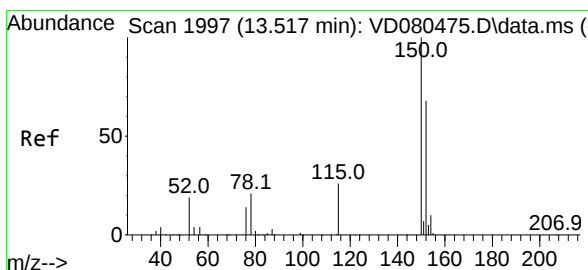
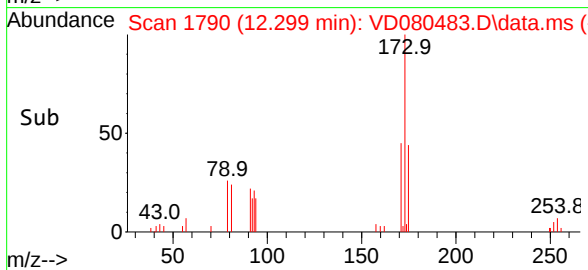
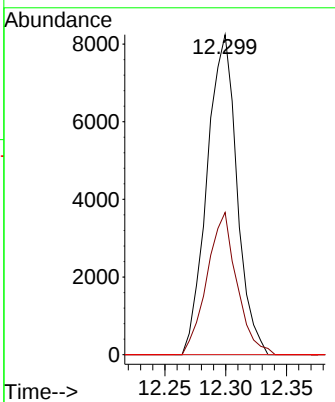
Instrument : MSVOA_D
 ClientSampleId : VD080483.D
 LOQ-SOIL-02-QT2-2025



Tgt Ion:	173	Resp:	14078
Ion Ratio	Lower	Upper	
173	100		
175	44.4	24.1	72.4
254	0.0	0.1	0.1

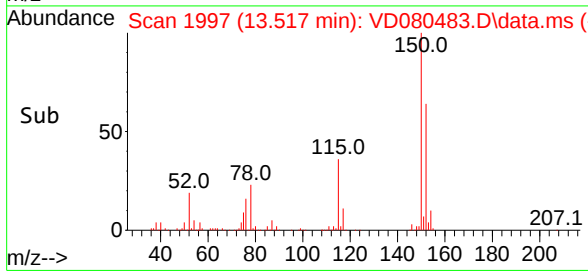
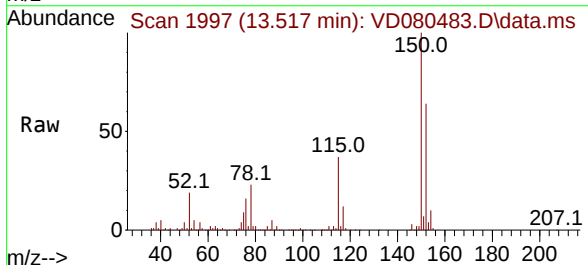
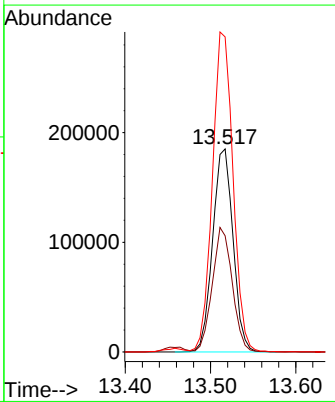
Manual Integrations
 APPROVED

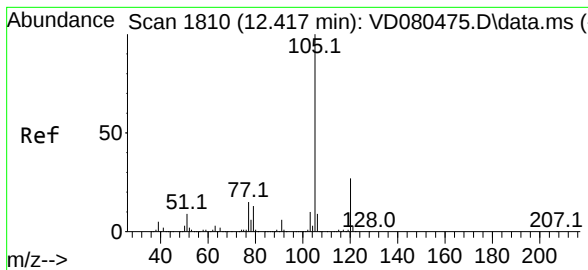
Reviewed By :Mahesh Dadoda 06/27/2025
 Supervised By :Semsettin Yesilyurt 06/27/2025



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.517 min Scan# 1997
 Delta R.T. 0.000 min
 Lab File: VD080483.D
 Acq: 26 Jun 2025 15:58

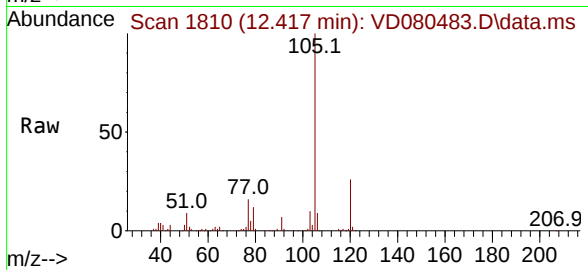
Tgt Ion:	152	Resp:	308244
Ion Ratio	Lower	Upper	
152	100		
115	60.0	30.2	90.6
150	159.0	0.0	350.2





#73
Isopropylbenzene
Concen: 5.115 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

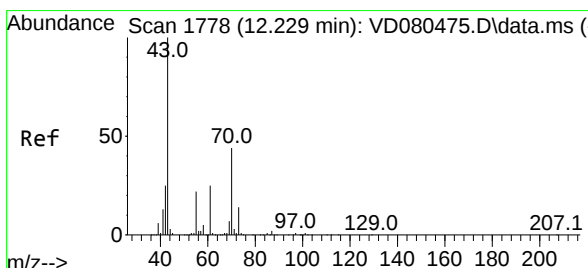
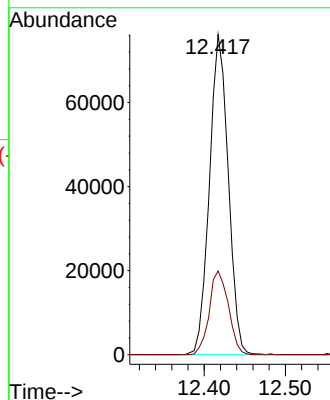
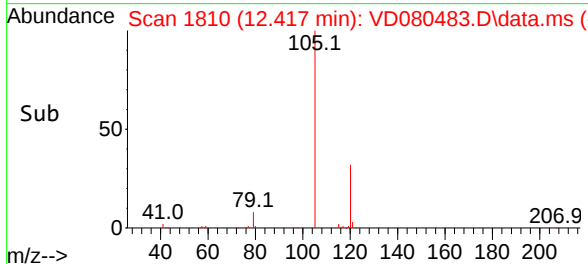
Instrument : MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:105 Resp: 12257
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9

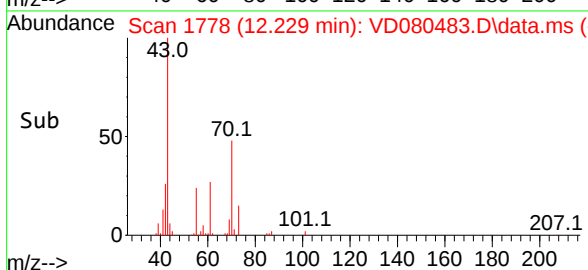
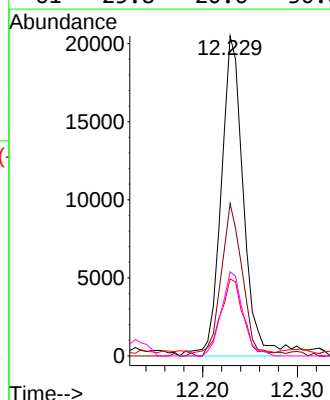
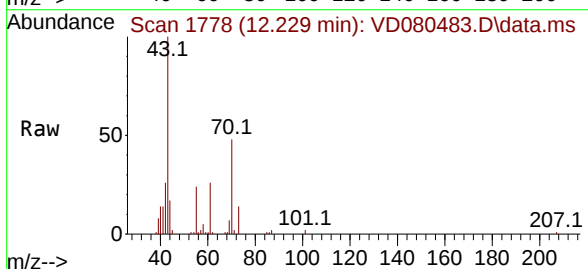
Manual Integrations
APPROVED

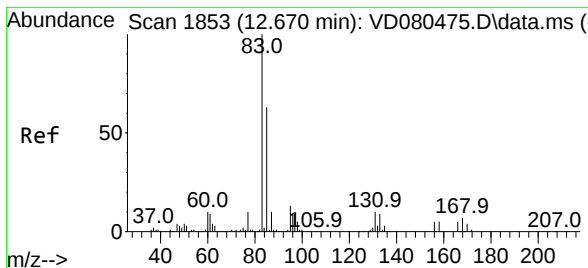
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#74
N-ethyl acetate
Concen: 5.293 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

Tgt Ion: 43 Resp: 33208
Ion Ratio Lower Upper
43 100
70 45.9 35.4 53.2
55 24.1 18.8 28.2
61 25.8 20.6 30.8





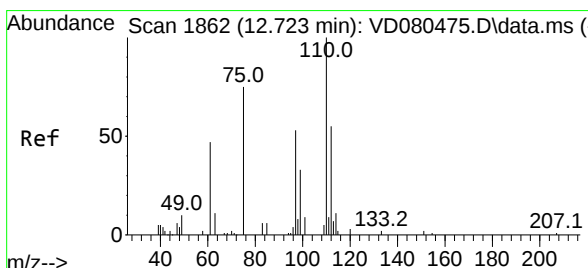
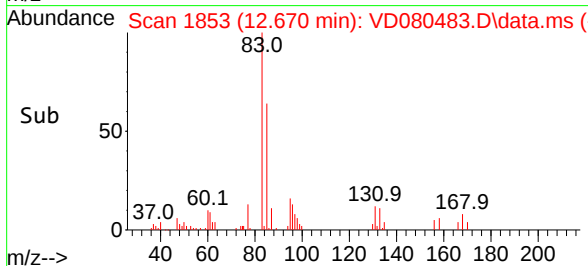
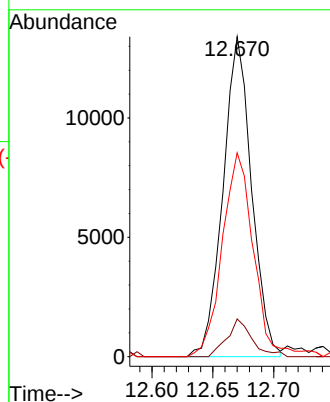
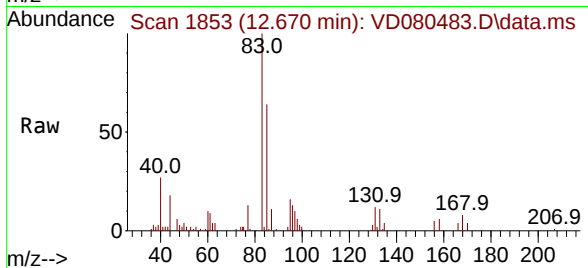
#75
1,1,2,2-Tetrachloroethane
Concen: 4.908 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

Instrument : MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025

Tgt Ion: 83 Resp: 2189
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.3
85 70.2 32.3 96.8

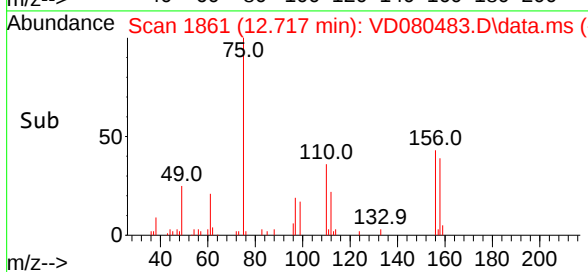
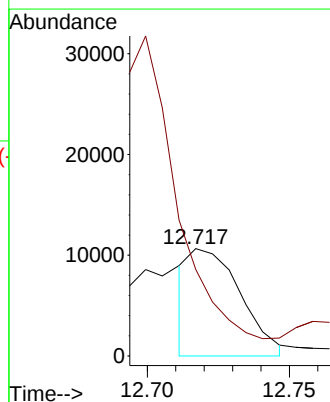
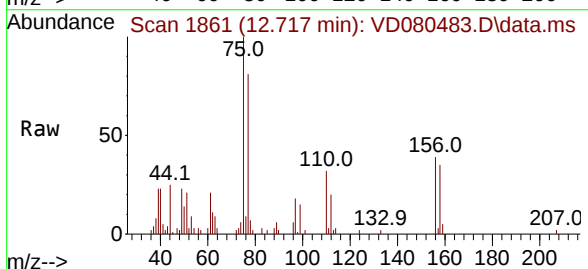
Manual Integrations
APPROVED

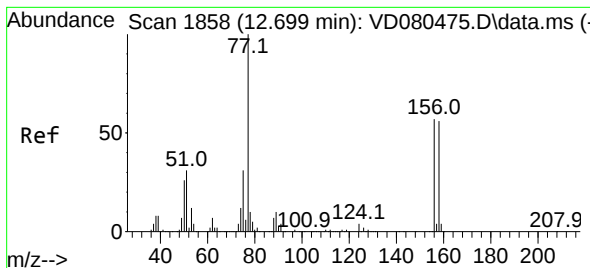
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#76
1,2,3-Trichloropropane
Concen: 5.107 ug/l m
RT: 12.717 min Scan# 1861
Delta R.T. -0.006 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

Tgt Ion: 75 Resp: 13381
Ion Ratio Lower Upper
75 100
77 419.0 0.0 0.0#





#77

Bromobenzene

Concen: 5.280 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080483.D

Acq: 26 Jun 2025 15:58

Instrument :

MSVOA_D

ClientSampleId :

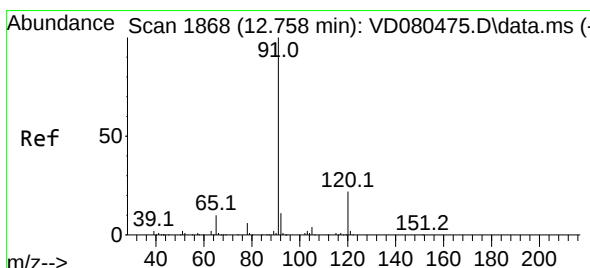
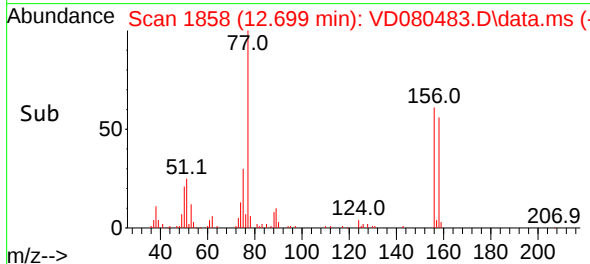
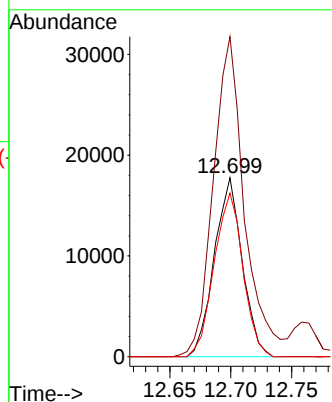
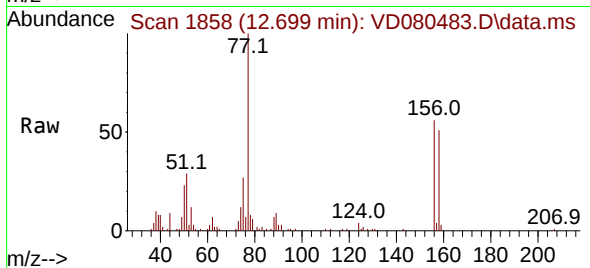
LOQ-SOIL-02-QT2-2025

Tgt Ion:	156	Resp:	28294
Ion Ratio	Lower	Upper	
156	100		
77	198.1	97.3	291.8
158	94.1	48.5	145.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#78

n-propylbenzene

Concen: 5.132 ug/l

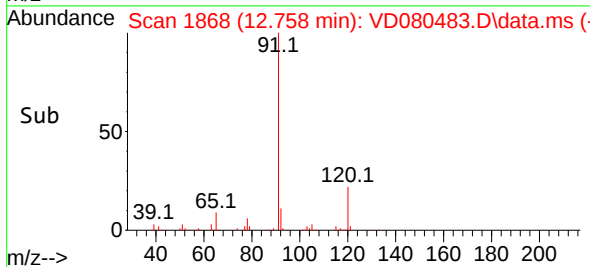
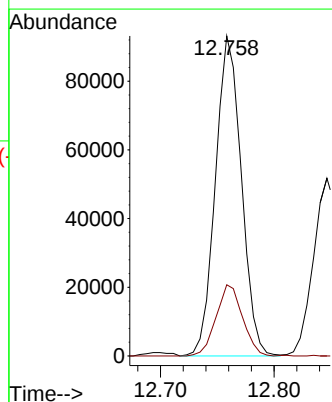
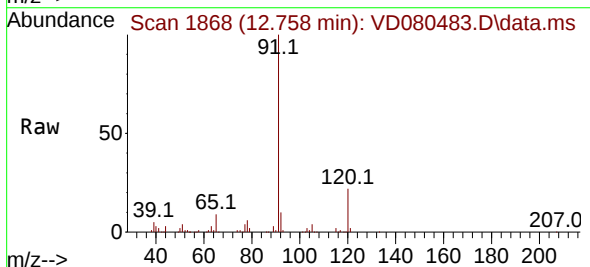
RT: 12.758 min Scan# 1868

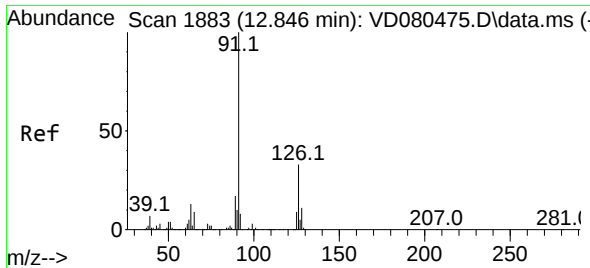
Delta R.T. 0.000 min

Lab File: VD080483.D

Acq: 26 Jun 2025 15:58

Tgt Ion:	91	Resp:	148022
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.3	33.9





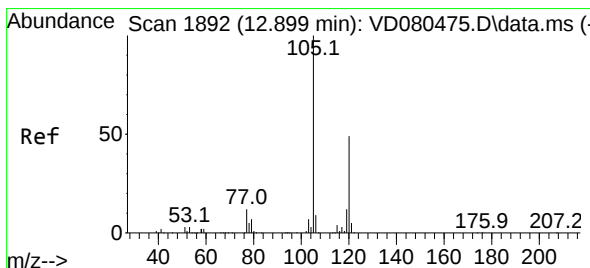
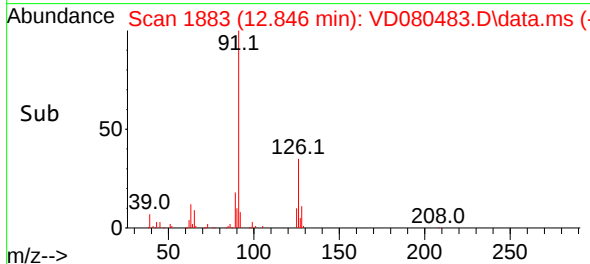
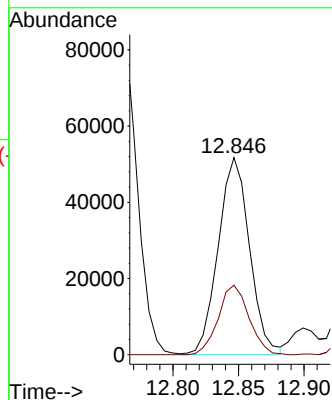
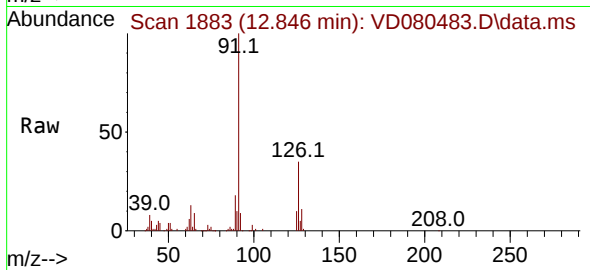
#79
2-Chlorotoluene
Concen: 5.191 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2025

Tgt Ion: 91 Resp: 86118
Ion Ratio Lower Upper
91 100
126 34.4 16.6 49.8

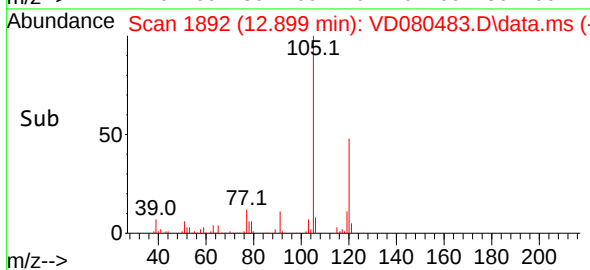
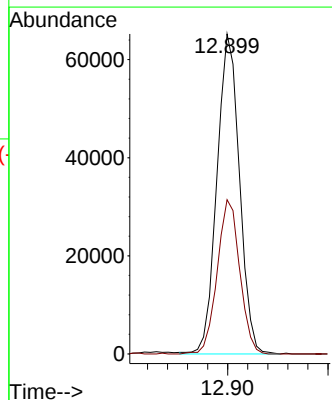
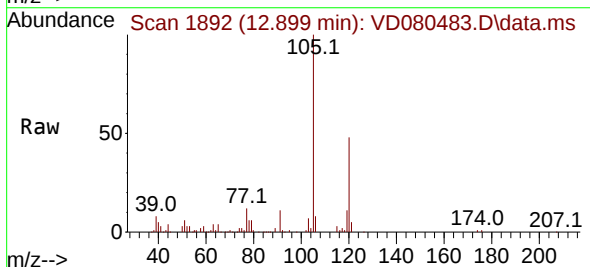
Manual Integrations
APPROVED

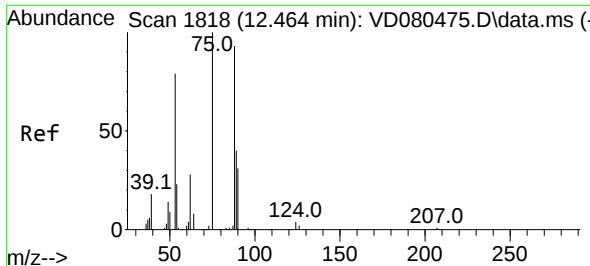
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 5.232 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

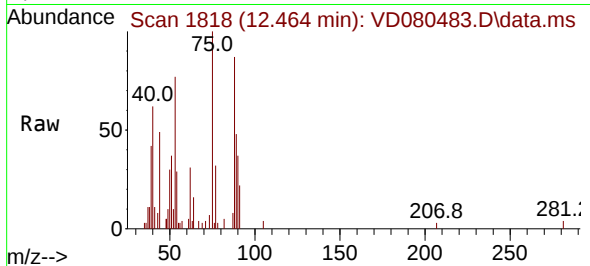
Tgt Ion:105 Resp: 101657
Ion Ratio Lower Upper
105 100
120 48.1 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 4.825 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

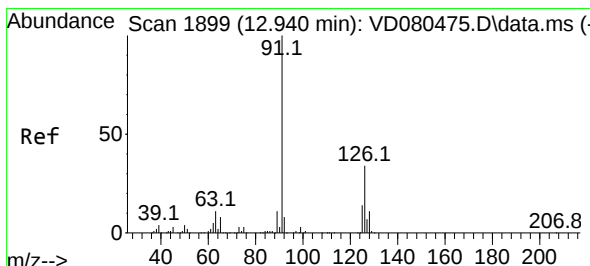
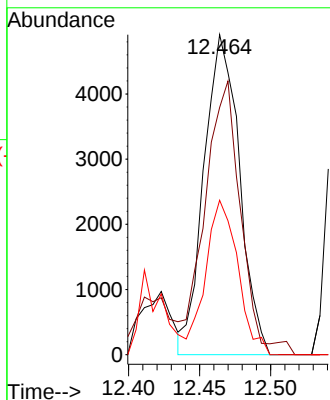
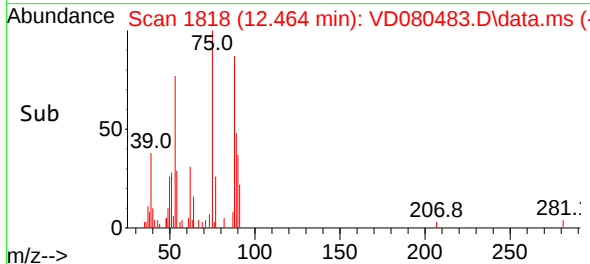
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2025



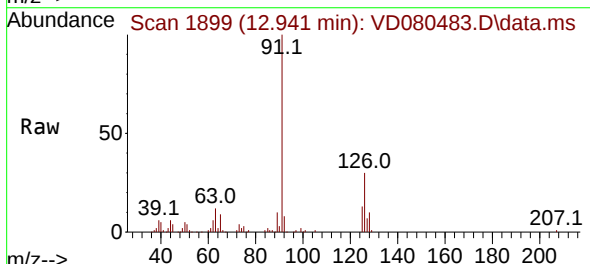
Tgt Ion: 75 Resp: 8508
Ion Ratio Lower Upper
75 100
53 86.7 61.5 92.3
89 43.8 33.0 49.6

Manual Integrations
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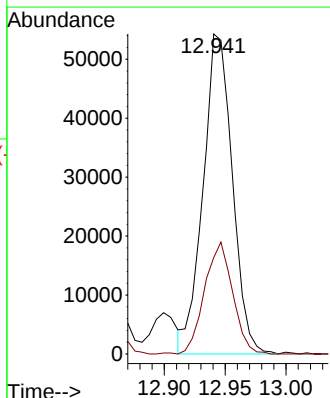
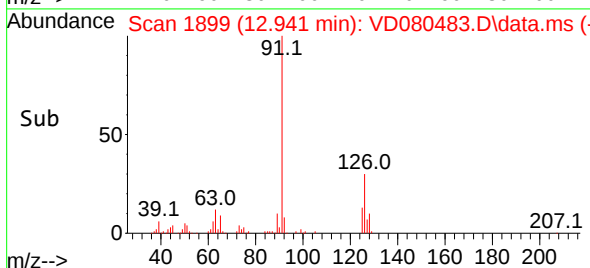
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025

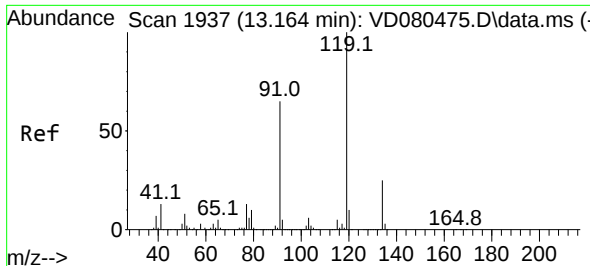


#82
4-Chlorotoluene
Concen: 5.319 ug/l
RT: 12.941 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58



Tgt Ion: 91 Resp: 90637
Ion Ratio Lower Upper
91 100
126 33.6 17.0 50.9





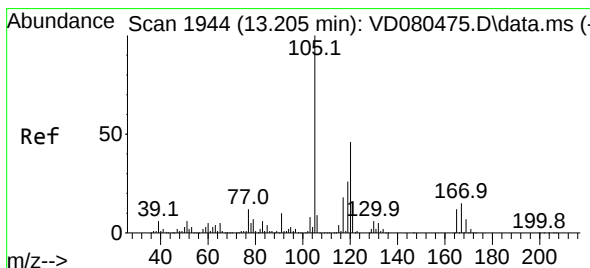
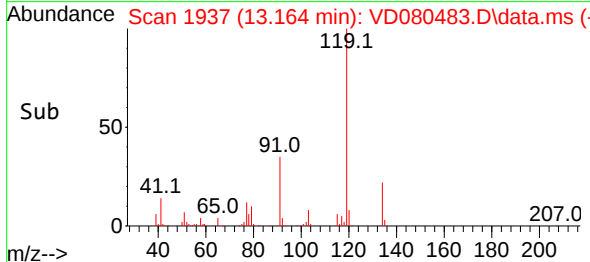
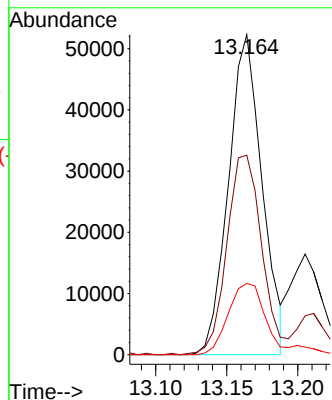
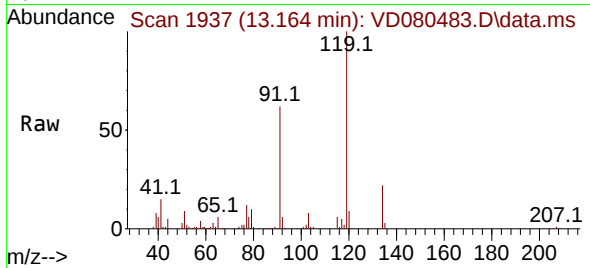
#83
tert-Butylbenzene
Concen: 5.054 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025

Tgt Ion:119 Resp: 85892
Ion Ratio Lower Upper
119 100
91 65.3 32.4 97.2
134 24.3 13.1 39.3

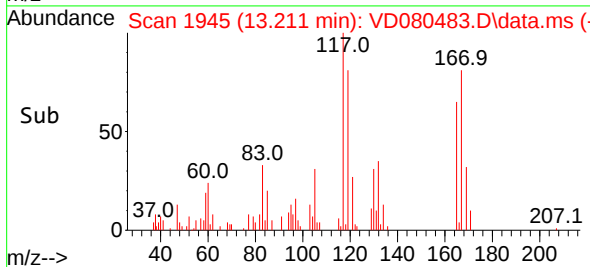
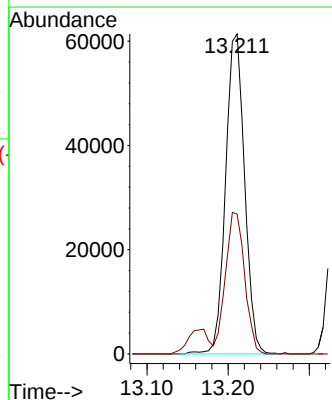
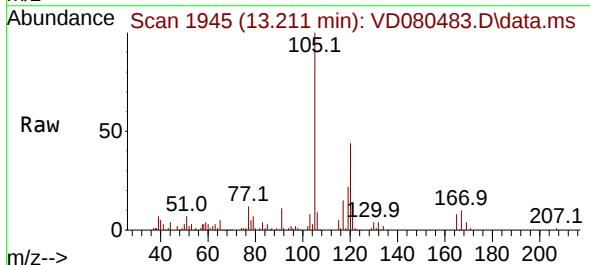
Manual Integrations
APPROVED

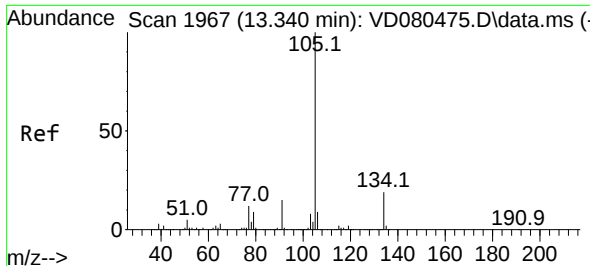
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#84
1,2,4-Trimethylbenzene
Concen: 5.142 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

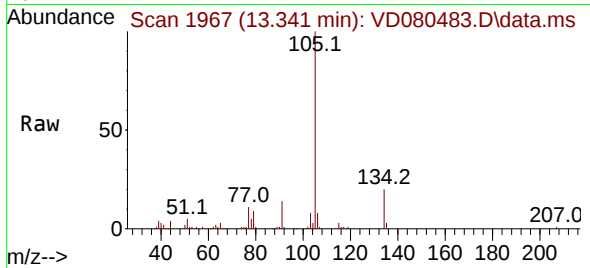
Tgt Ion:105 Resp: 99750
Ion Ratio Lower Upper
105 100
120 44.7 22.8 68.3





#85
 sec-Butylbenzene
 Concen: 5.090 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080483.D
 Acq: 26 Jun 2025 15:58

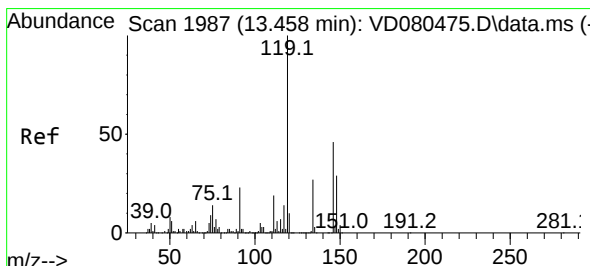
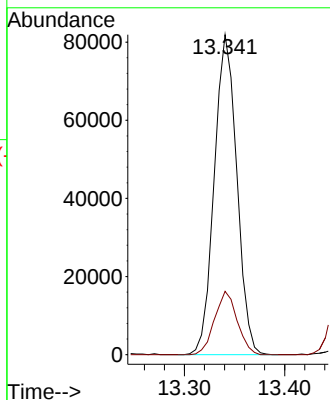
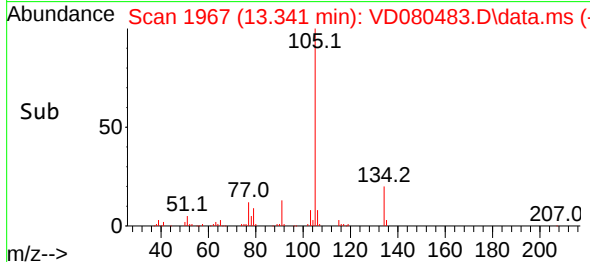
Instrument : MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025



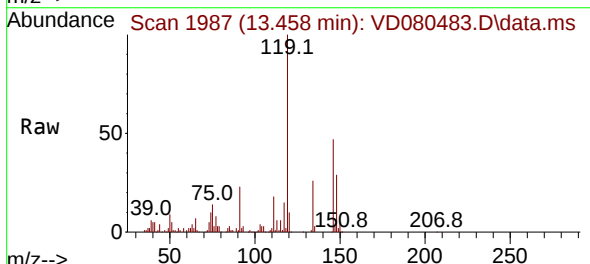
Tgt Ion:105 Resp: 12777
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

Manual Integrations
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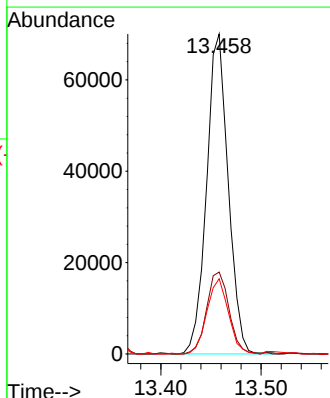
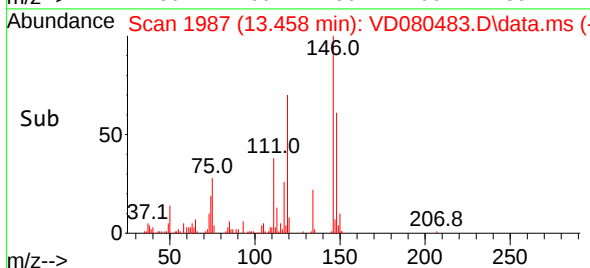
Reviewed By :Mahesh Dadoda 06/27/2025
 Supervised By :Semsettin Yesilyurt 06/27/2025

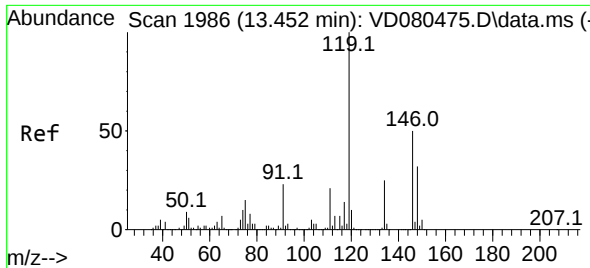


#86
 p-Isopropyltoluene
 Concen: 5.063 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080483.D
 Acq: 26 Jun 2025 15:58



Tgt Ion:119 Resp: 105183
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 38.9
 91 23.4 11.5 34.5





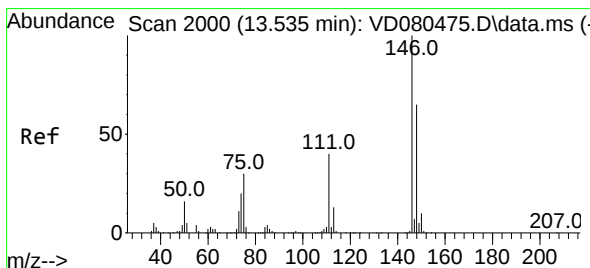
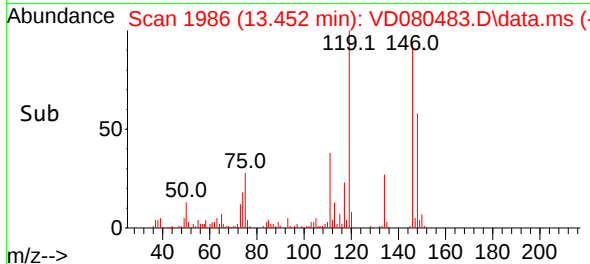
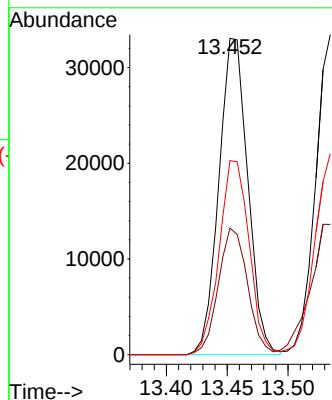
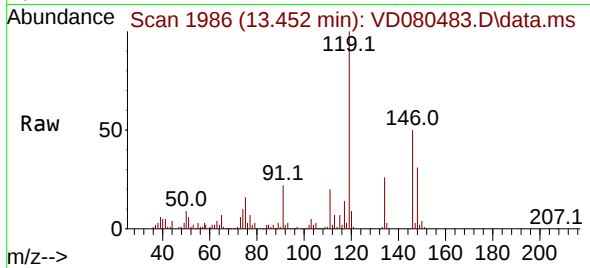
#87
1,3-Dichlorobenzene
Concen: 5.284 ug/l
RT: 13.452 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

Instrument : MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025

Tgt Ion:146 Resp: 5476
Ion Ratio Lower Upper
146 100
111 40.3 20.6 61.8
148 63.7 31.5 94.5

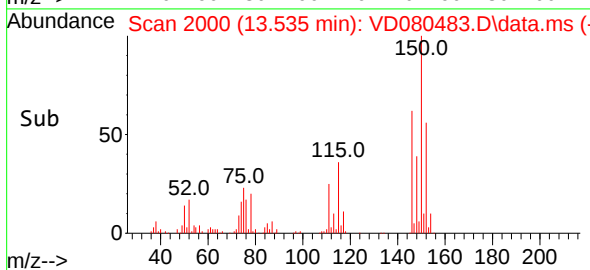
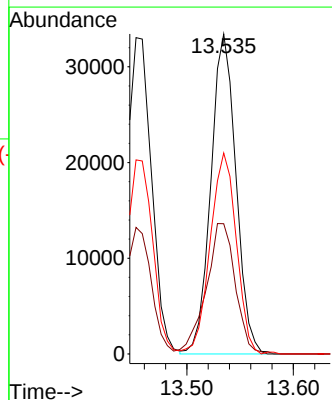
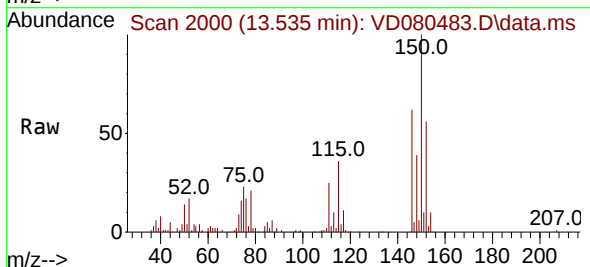
Manual Integrations
APPROVED

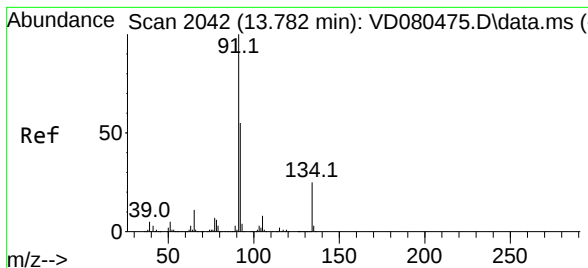
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#88
1,4-Dichlorobenzene
Concen: 5.295 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

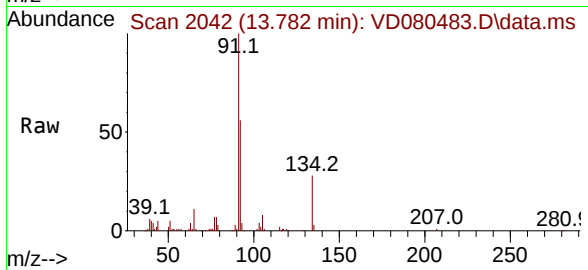
Tgt Ion:146 Resp: 54771
Ion Ratio Lower Upper
146 100
111 47.3 20.0 60.0
148 65.5 32.1 96.3





#89
n-Butylbenzene
Concen: 5.156 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

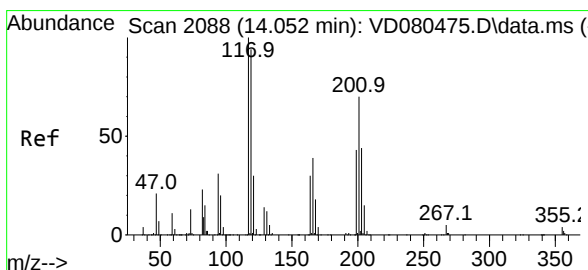
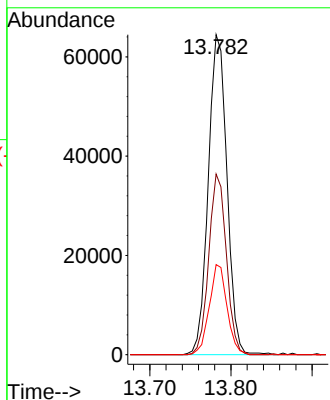
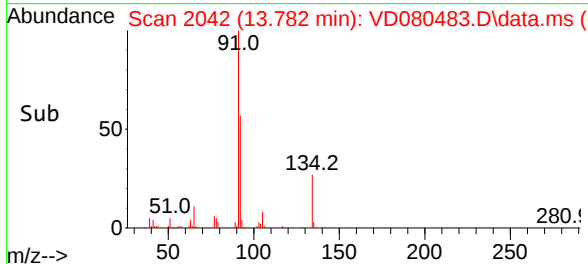
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2025



Tgt Ion: 91 Resp: 102798
Ion Ratio Lower Upper
91 100
92 53.1 27.4 82.0
134 26.8 12.6 37.8

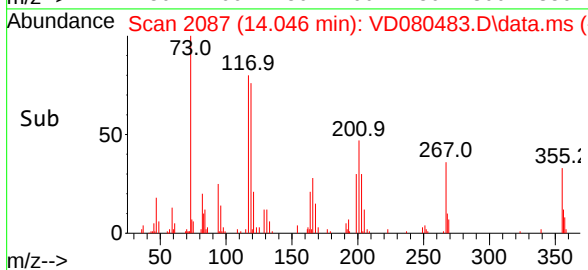
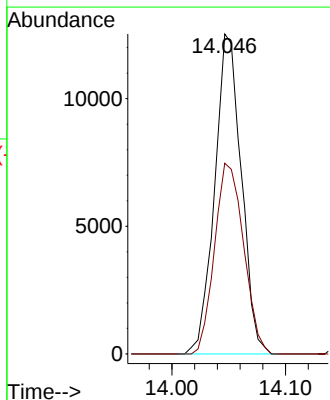
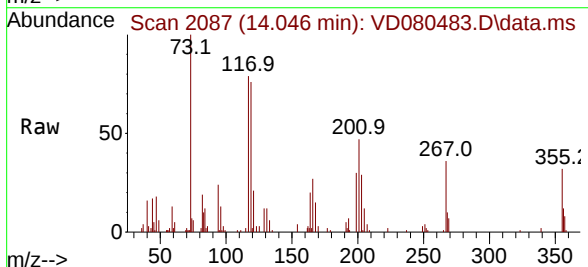
Manual Integrations
APPROVED

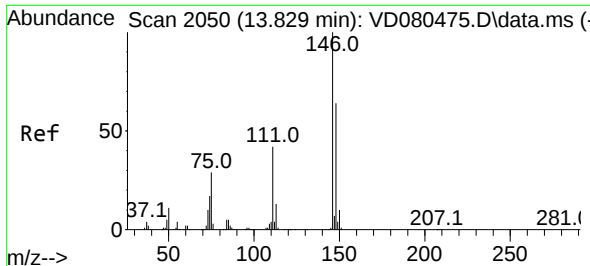
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#90
Hexachloroethane
Concen: 5.089 ug/l
RT: 14.046 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

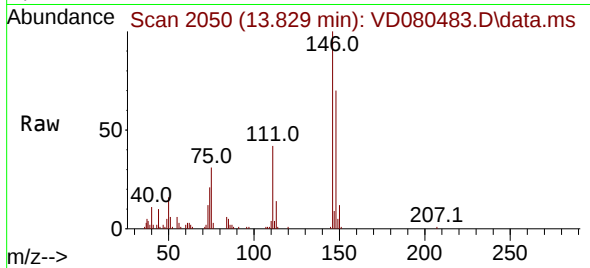
Tgt Ion:117 Resp: 20426
Ion Ratio Lower Upper
117 100
201 65.0 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 5.154 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

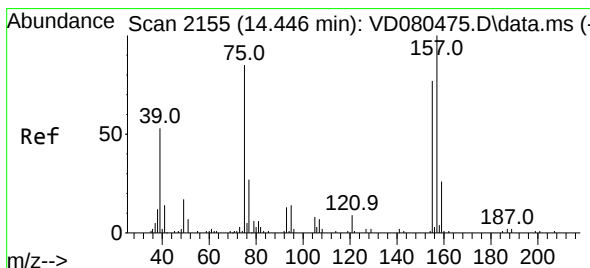
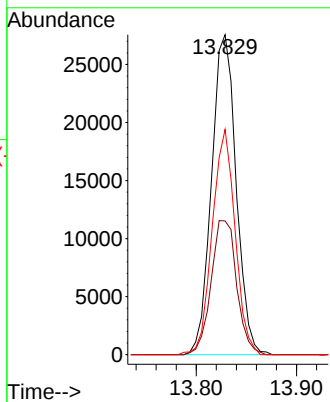
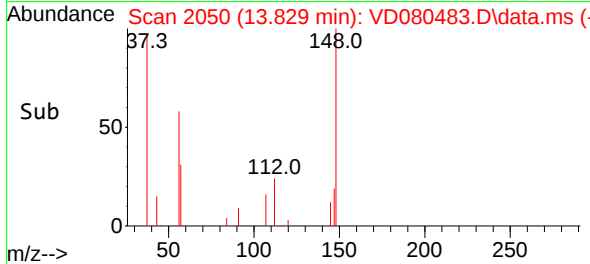
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2025



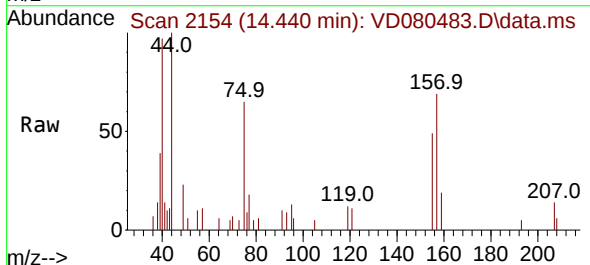
Tgt Ion:146 Resp: 47010
Ion Ratio Lower Upper
146 100
111 43.5 21.3 63.7
148 65.4 31.9 95.7

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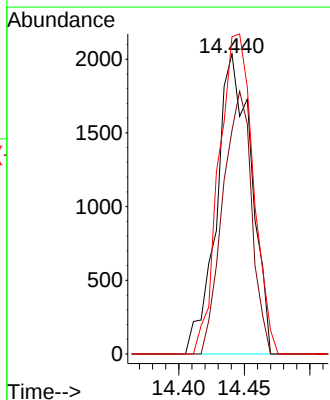
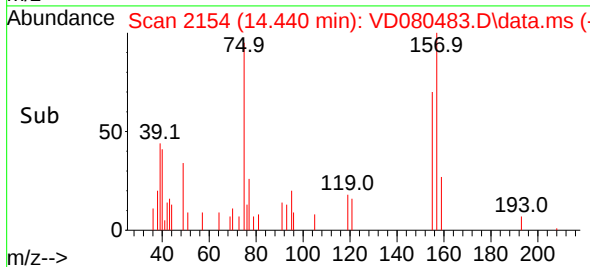
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025

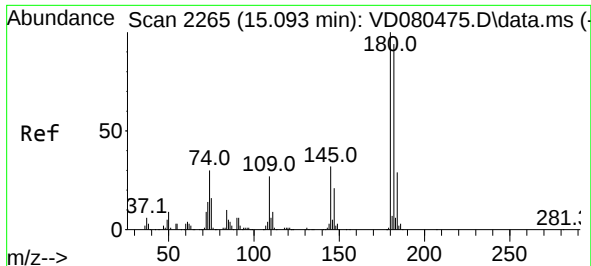


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.558 ug/l
RT: 14.440 min Scan# 2154
Delta R.T. -0.006 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58



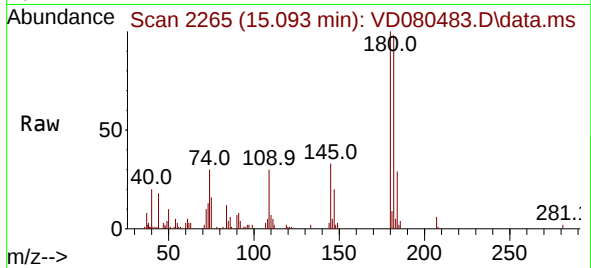
Tgt Ion: 75 Resp: 3740
Ion Ratio Lower Upper
75 100
155 72.9 45.6 136.8
157 105.5 58.6 175.8





#93
1,2,4-Trichlorobenzene
Concen: 5.449 ug/l
RT: 15.093 min Scan# 2265
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

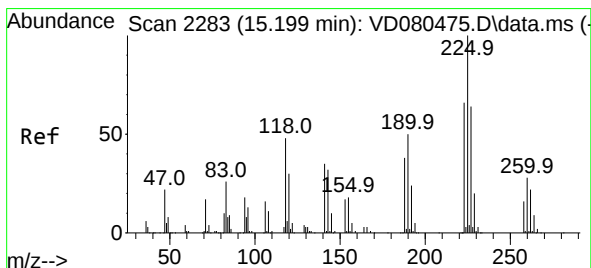
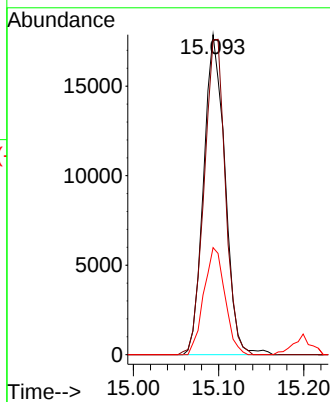
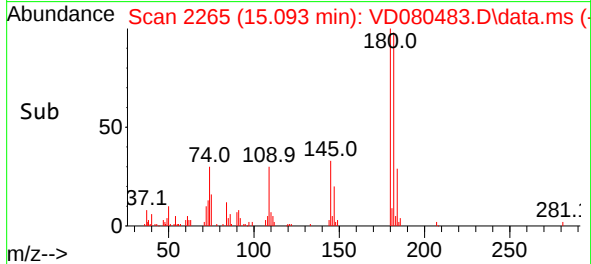
Instrument : MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



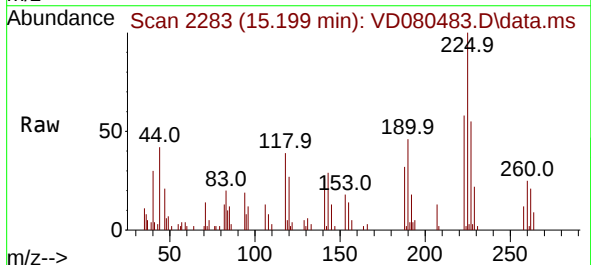
Tgt Ion:180 Resp: 31144
Ion Ratio Lower Upper
180 100
182 97.9 46.8 140.4
145 33.1 16.0 47.9

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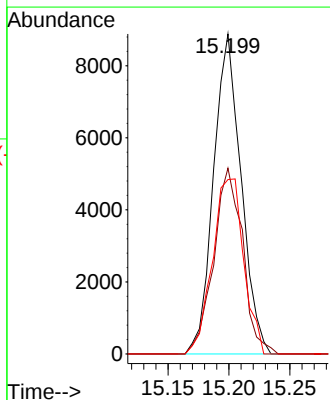
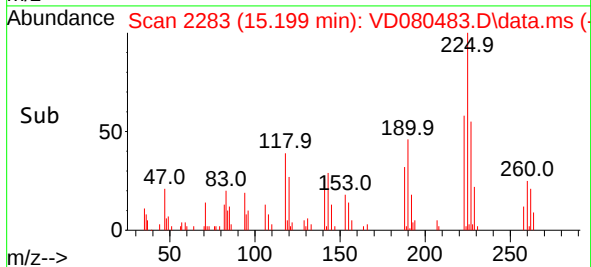
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025

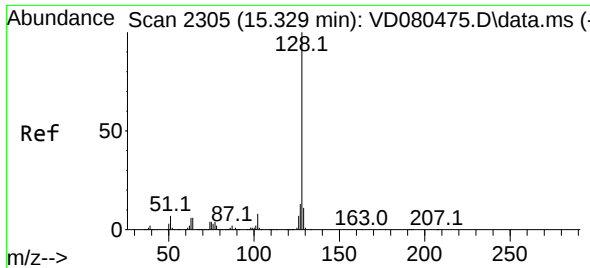


#94
Hexachlorobutadiene
Concen: 5.299 ug/l
RT: 15.199 min Scan# 2283
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58



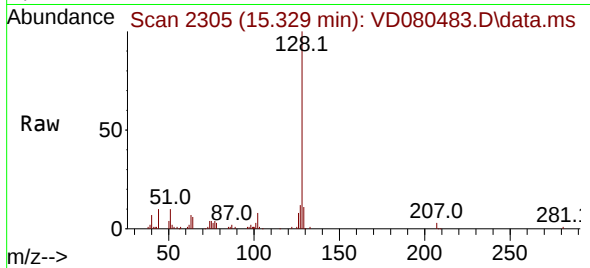
Tgt Ion:225 Resp: 13981
Ion Ratio Lower Upper
225 100
223 60.9 31.4 94.2
227 62.2 31.8 95.3





#95
Naphthalene
Concen: 5.358 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

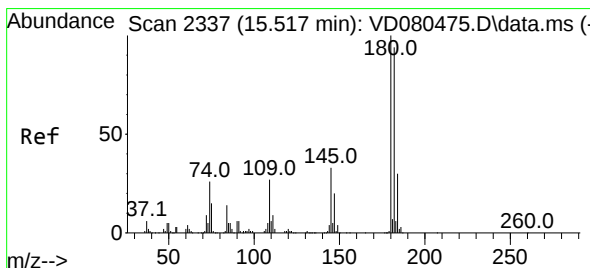
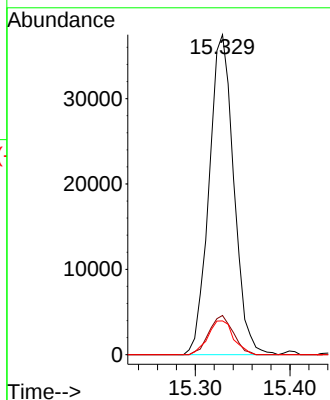
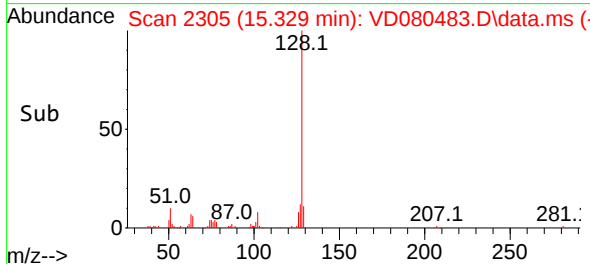
Instrument : MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:128 Resp: 6804
Ion Ratio Lower Upper
128 100
127 12.3 10.6 15.8
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 5.547 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD080483.D
Acq: 26 Jun 2025 15:58

Tgt Ion:180 Resp: 27263
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.9
145 34.3 16.7 50.1

