

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082525\
 Data File : VY023206.D
 Acq On : 25 Aug 2025 11:56
 Operator : SY/MD
 Sample : Q2893-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025

Quant Time: Aug 26 00:13:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 00:10:39 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	315982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	508667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	439691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	212956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	203095	67.439	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.880%			
35) Dibromofluoromethane	7.634	113	211850	69.603	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 139.200%			
50) Toluene-d8	10.103	98	790946	66.519	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 133.040%			
62) 4-Bromofluorobenzene	12.402	95	231298	60.487	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 120.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	19943	7.732	ug/l	98
3) Chloromethane	2.068	50	31831	7.620	ug/l	96
4) Vinyl Chloride	2.202	62	38027	7.364	ug/l	99
5) Bromomethane	2.598	94	34799	9.023	ug/l	100
6) Chloroethane	2.739	64	26351	7.675	ug/l	97
7) Trichlorofluoromethane	3.056	101	47386	7.547	ug/l	94
8) Diethyl Ether	3.452	74	13327	8.022	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	25161	8.122	ug/l	98
10) Methyl Iodide	4.007	142	22528	6.739	ug/l	99
11) Tert butyl alcohol	4.854	59	7374	35.736	ug/l	98
12) 1,1-Dichloroethene	3.787	96	22541	7.403	ug/l	85
13) Acrolein	3.653	56	5822	19.266	ug/l	89
14) Allyl chloride	4.385	41	30065	6.710	ug/l	100
15) Acrylonitrile	5.061	53	24023	35.569	ug/l	97
16) Acetone	3.873	43	27929	42.808	ug/l	95
17) Carbon Disulfide	4.104	76	72097	7.262	ug/l	97
18) Methyl Acetate	4.391	43	14724	7.584	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	53717	6.808	ug/l	96
20) Methylene Chloride	4.616	84	52190	13.326	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	26064	7.617	ug/l	88
22) Diisopropyl ether	6.012	45	63007	6.472	ug/l #	82
23) Vinyl Acetate	5.964	43	166812	30.986	ug/l	98
24) 1,1-Dichloroethane	5.915	63	44709	7.511	ug/l	97
25) 2-Butanone	6.903	43	32345	36.452	ug/l	98
26) 2,2-Dichloropropane	6.890	77	37987	7.396	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	29720	7.513	ug/l	95
28) Bromochloromethane	7.244	49	17687	7.489	ug/l	90
29) Tetrahydrofuran	7.268	42	17178	31.232	ug/l	98
30) Chloroform	7.421	83	47847	7.794	ug/l	97
31) Cyclohexane	7.701	56	38780	6.914	ug/l #	84
32) 1,1,1-Trichloroethane	7.616	97	42079	7.725	ug/l	99
36) 1,1-Dichloropropene	7.841	75	33003	7.296	ug/l	98
37) Ethyl Acetate	6.988	43	12040	6.336	ug/l #	91
38) Carbon Tetrachloride	7.817	117	37317	7.596	ug/l	97
39) Methylcyclohexane	9.109	83	38403	6.447	ug/l	98
40) Benzene	8.079	78	102899	7.381	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	5772m	5.263	ug/l	
42) 1,2-Dichloroethane	8.158	62	27059	7.463	ug/l	98
43) Isopropyl Acetate	8.201	43	24845	6.469	ug/l	99
44) Trichloroethene	8.866	130	28348	7.868	ug/l	97
45) 1,2-Dichloropropane	9.140	63	23147	7.216	ug/l	99
46) Dibromomethane	9.231	93	14003	7.605	ug/l	97
47) Bromodichloromethane	9.420	83	37289	7.871	ug/l	99
48) Methyl methacrylate	9.225	41	10312	5.611	ug/l #	87
49) 1,4-Dioxane	9.225	88	2758	127.753	ug/l #	91
51) 4-Methyl-2-Pentanone	10.000	43	60973	30.778	ug/l	99
52) Toluene	10.170	92	64804	7.319	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	29398	6.852	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	34157	6.733	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	18390	7.464	ug/l	96
56) Ethyl methacrylate	10.438	69	19190	6.087	ug/l	96
57) 1,3-Dichloropropane	10.713	76	30519	7.304	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	36388	24.470	ug/l	96
59) 2-Hexanone	10.762	43	42203	31.286	ug/l	97
60) Dibromochloromethane	10.908	129	24535	7.547	ug/l	100
61) 1,2-Dibromoethane	11.012	107	16735	7.227	ug/l	99
64) Tetrachloroethene	10.646	164	30593	7.792	ug/l	91
65) Chlorobenzene	11.438	112	68924	7.267	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	25406	7.893	ug/l	96
67) Ethyl Benzene	11.518	91	106161	6.504	ug/l	99
68) m/p-Xylenes	11.627	106	80195	12.581	ug/l	100
69) o-Xylene	11.950	106	38711	6.484	ug/l	99
70) Styrene	11.969	104	60372	6.183	ug/l	100
71) Bromoform	12.127	173	14817	7.876	ug/l #	98
73) Isopropylbenzene	12.255	105	96435	6.416	ug/l	100
74) N-amyl acetate	12.072	43	17687	5.549	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	20238	7.886	ug/l	98
76) 1,2,3-Trichloropropane	12.548	75	13507m	6.572	ug/l	
77) Bromobenzene	12.530	156	27010	7.533	ug/l	96
78) n-propylbenzene	12.591	91	119804	6.695	ug/l	100
79) 2-Chlorotoluene	12.676	91	71702	6.993	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	78151	6.434	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	5644	6.648	ug/l	94
82) 4-Chlorotoluene	12.773	91	73405	6.902	ug/l	100
83) tert-Butylbenzene	12.993	119	68755	6.267	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	77656	6.422	ug/l	100
85) sec-Butylbenzene	13.170	105	103892	6.446	ug/l	100
86) p-Isopropyltoluene	13.292	119	82982	6.203	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	51654	7.305	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	52417	7.473	ug/l	97
89) n-Butylbenzene	13.615	91	75931	6.180	ug/l	99
90) Hexachloroethane	13.877	117	20393	7.447	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	46218	7.453	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3144	7.868	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	24381	6.648	ug/l	98
94) Hexachlorobutadiene	15.023	225	16671	7.736	ug/l	98
95) Naphthalene	15.145	128	34324	5.489	ug/l	97
96) 1,2,3-Trichlorobenzene	15.322	180	21239	6.721	ug/l	100

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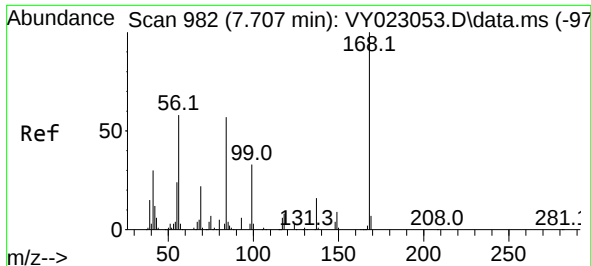
Manual Integrations
APPROVED

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



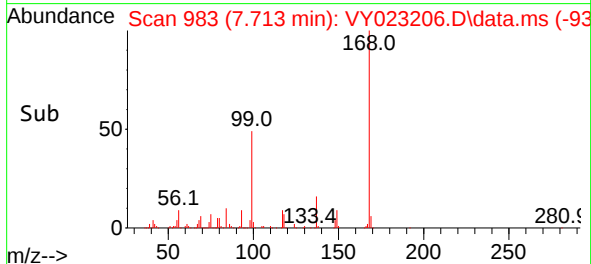
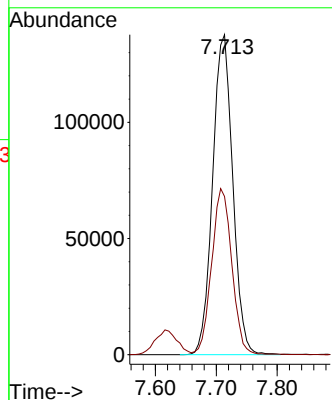
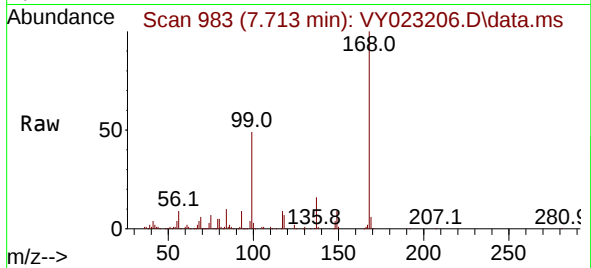
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023206.D
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ClientSampleId :
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Tgt Ion:168 Resp: 31598
Ion Ratio Lower Upper
168 100
99 49.3 42.8 64.2

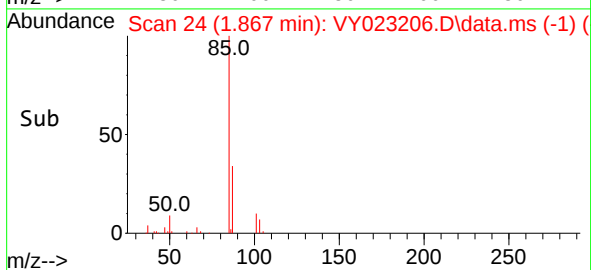
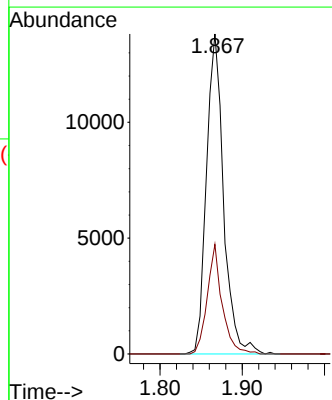
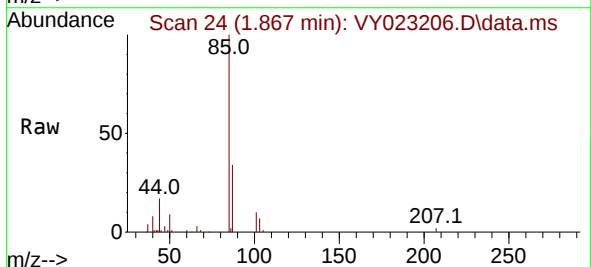
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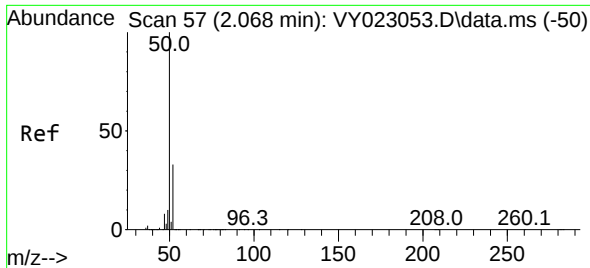
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#2
Dichlorodifluoromethane
Concen: 7.732 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

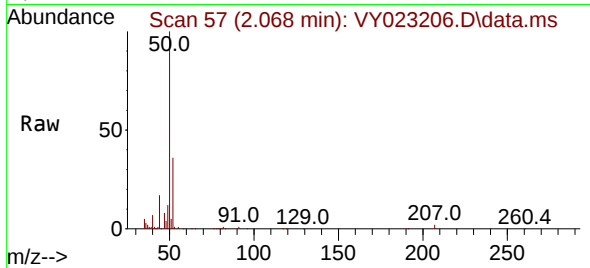
Tgt Ion: 85 Resp: 19943
Ion Ratio Lower Upper
85 100
87 34.3 16.6 49.8





#3
Chloromethane
Concen: 7.620 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

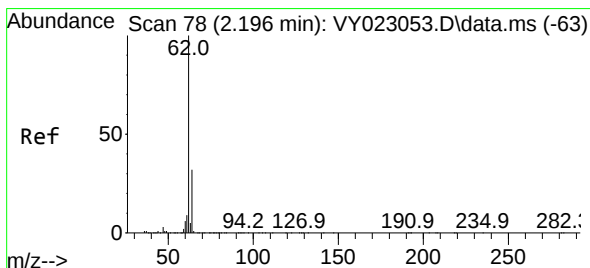
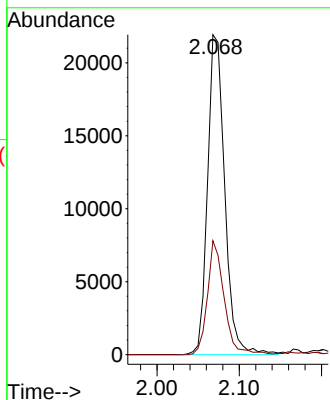
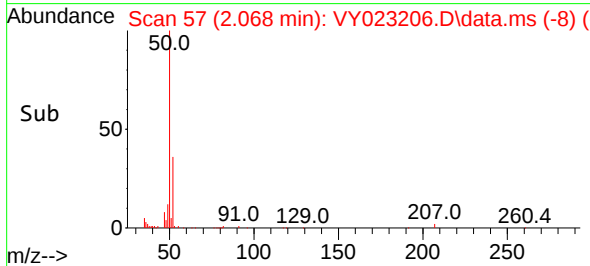
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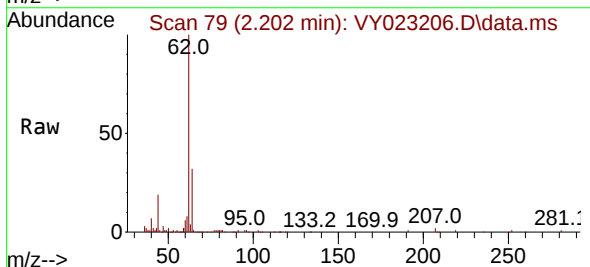
Tgt Ion: 50 Resp: 3183
Ion Ratio Lower Upper
50 100
52 35.6 26.7 40.1

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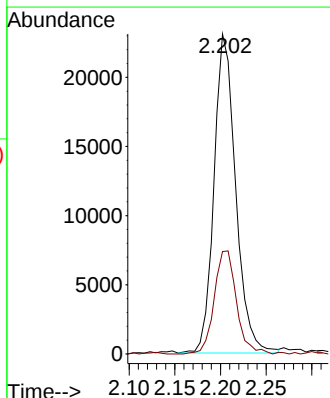
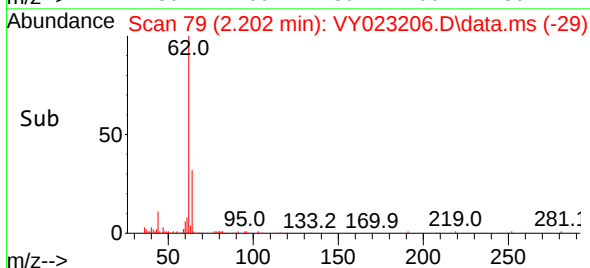
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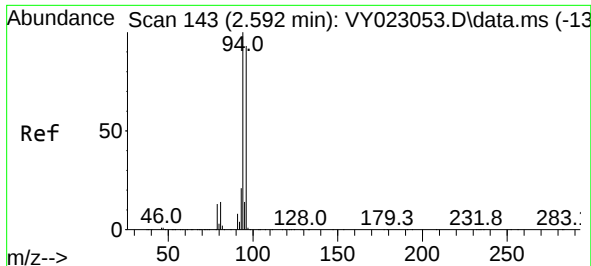


#4
Vinyl Chloride
Concen: 7.364 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023206.D
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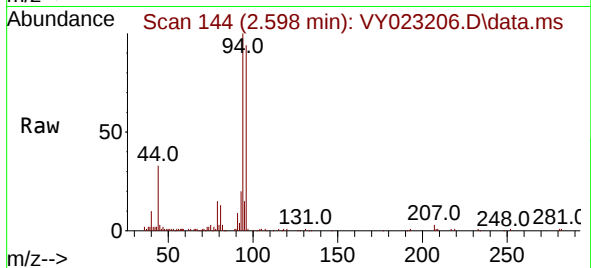
Tgt Ion: 62 Resp: 38027
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5
Bromomethane
Concen: 9.023 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

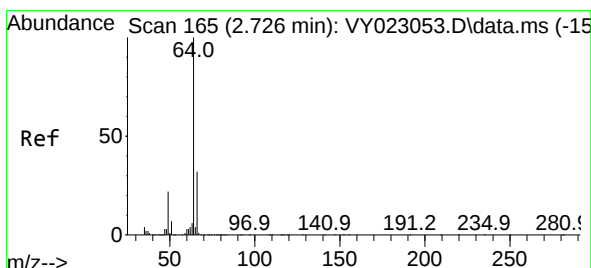
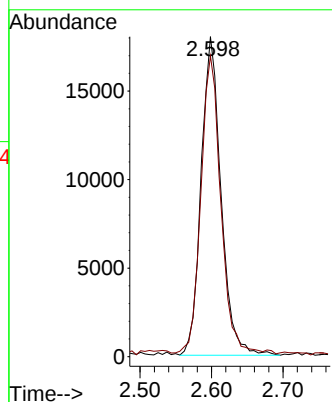
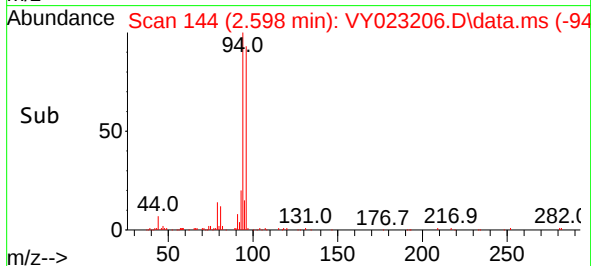
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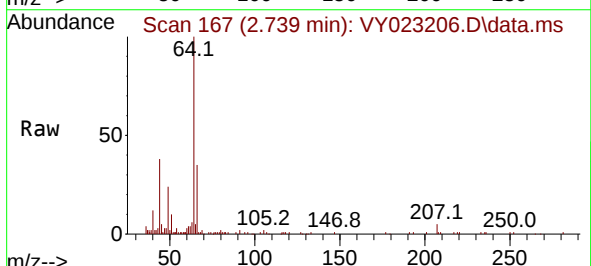
Tgt Ion: 94 Resp: 34799
Ion Ratio Lower Upper
94 100
96 93.2 74.6 112.0

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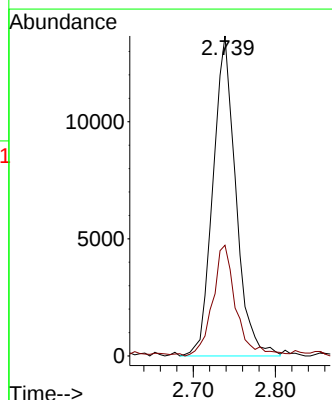
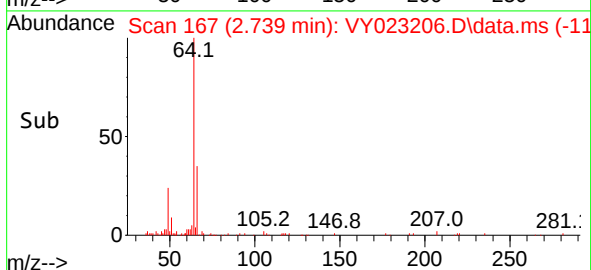
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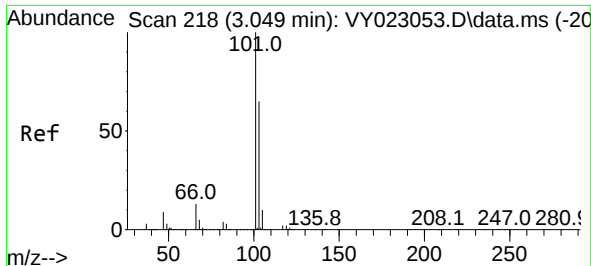


#6
Chloroethane
Concen: 7.675 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023206.D
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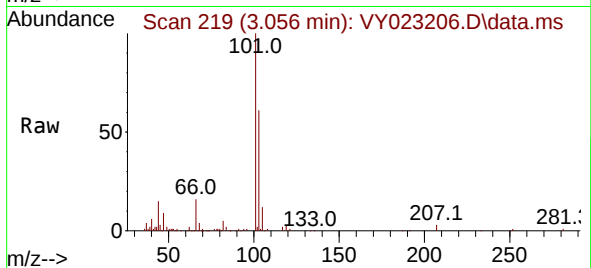
Tgt Ion: 64 Resp: 26351
Ion Ratio Lower Upper
64 100
66 33.9 25.8 38.6





#7
Trichlorofluoromethane
Concen: 7.547 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
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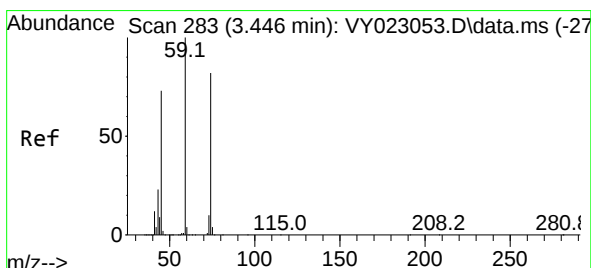
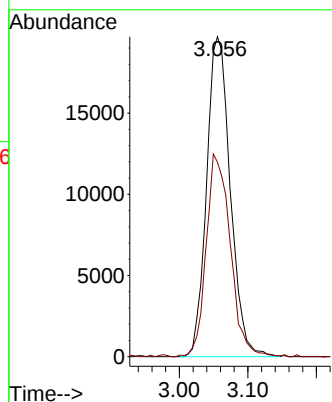
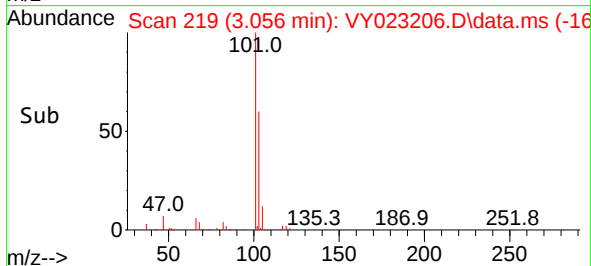
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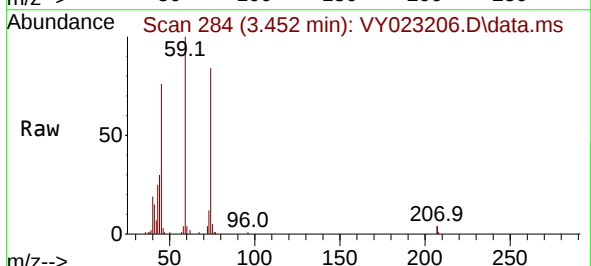
Tgt Ion:101 Resp: 47380
Ion Ratio Lower Upper
101 100
103 60.4 51.9 77.9

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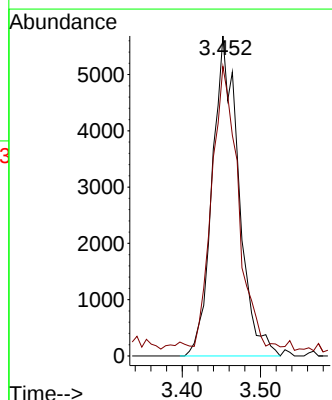
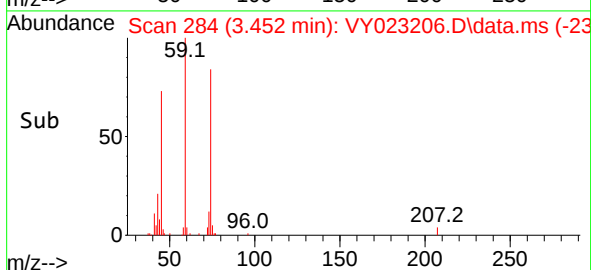
Reviewed By :Mahesh Dadoda 08/26/2025
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#8
Diethyl Ether
Concen: 8.022 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.006 min
Lab File: VY023206.D
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Tgt Ion: 74 Resp: 13327
Ion Ratio Lower Upper
74 100
45 86.7 44.4 133.2





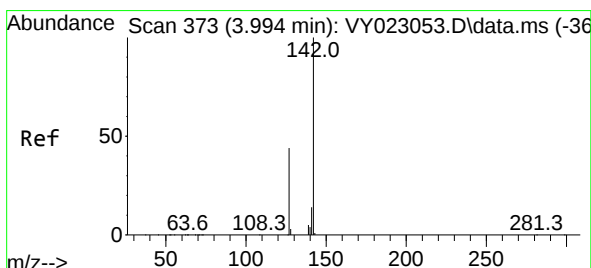
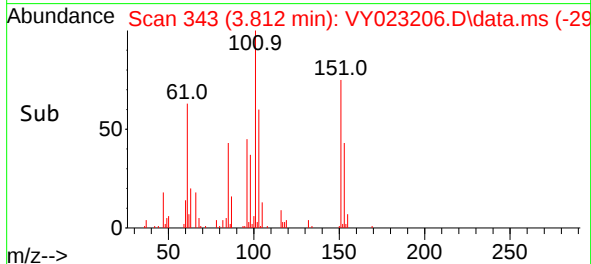
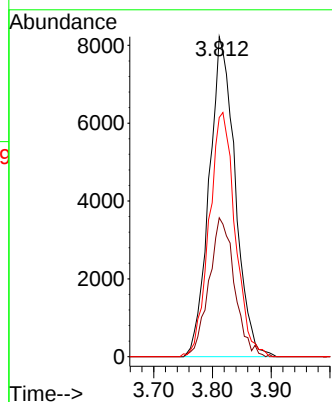
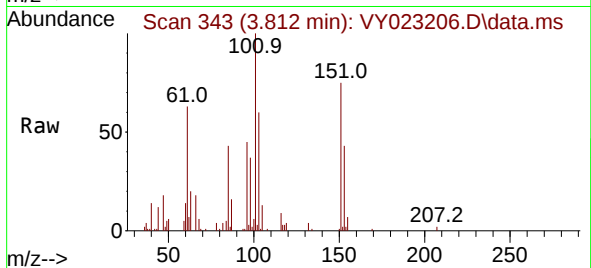
#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.122 ug/l
RT: 3.812 min Scan# 342
Delta R.T. 0.006 min
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Tgt Ion:101 Resp: 2516
Ion Ratio Lower Upper
101 100
85 42.7 36.3 54.5
151 76.5 61.5 92.3

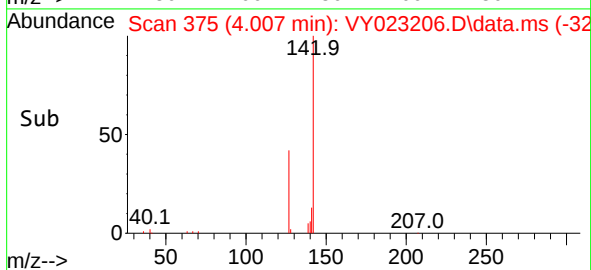
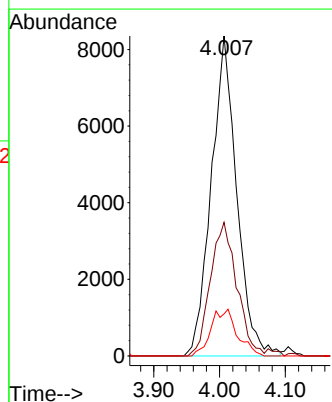
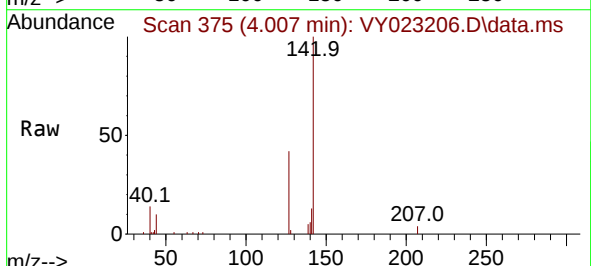
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#10
Methyl Iodide
Concen: 6.739 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

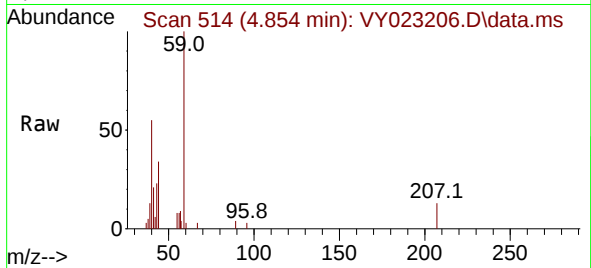
Tgt Ion:142 Resp: 22528
Ion Ratio Lower Upper
142 100
127 43.3 34.9 52.3
141 15.0 11.3 16.9





#11
Tert butyl alcohol
Concen: 35.736 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

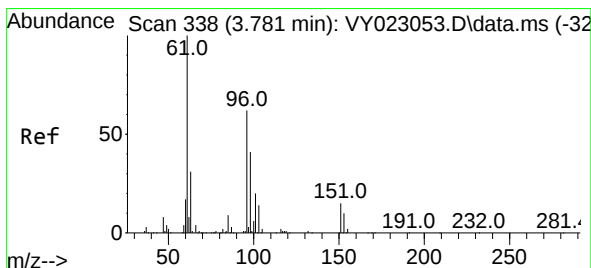
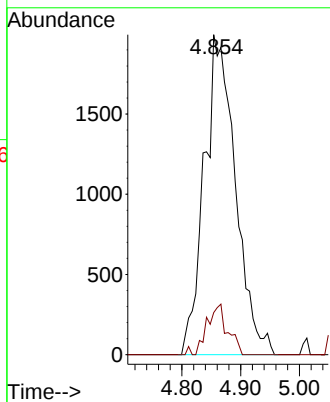
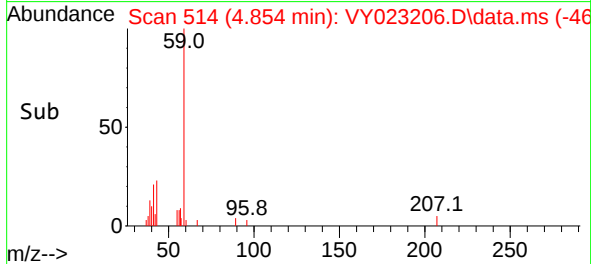
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



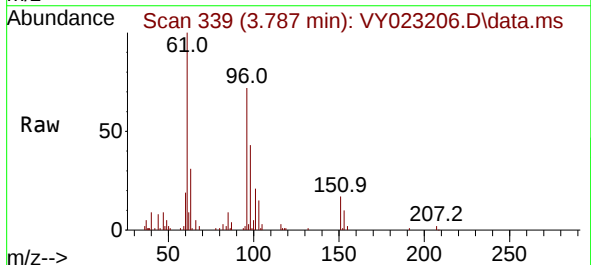
Tgt Ion: 59 Resp: 7374
Ion Ratio Lower Upper
59 100
57 10.1 8.6 13.0

Manual Integrations
APPROVED

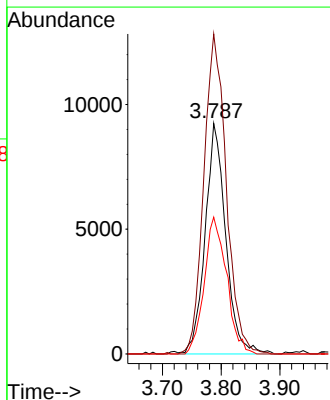
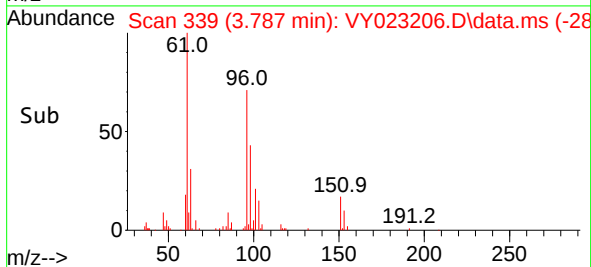
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#12
1,1-Dichloroethene
Concen: 7.403 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56



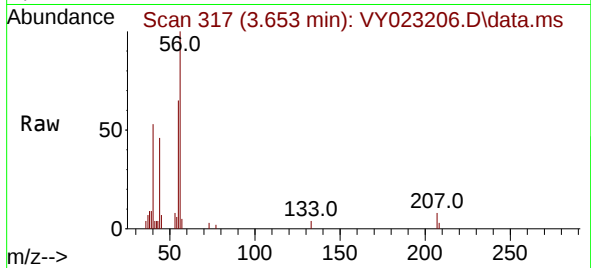
Tgt Ion: 96 Resp: 22541
Ion Ratio Lower Upper
96 100
61 138.8 129.4 194.2
98 59.3 52.8 79.2





#13
Acrolein
Concen: 19.266 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

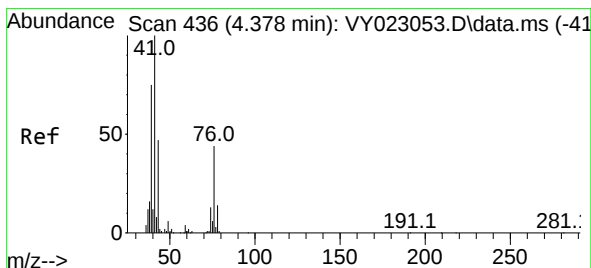
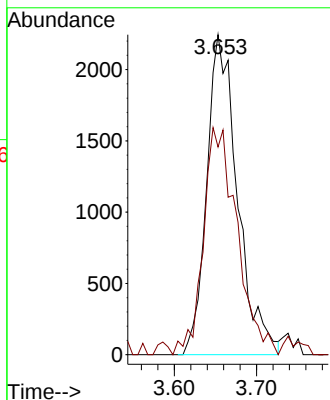
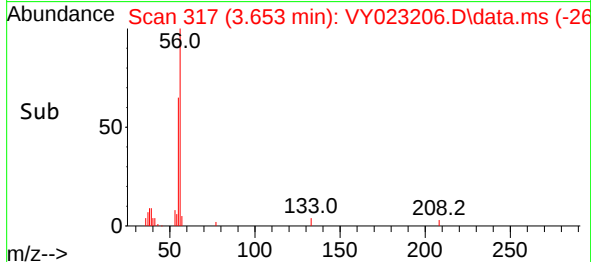
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



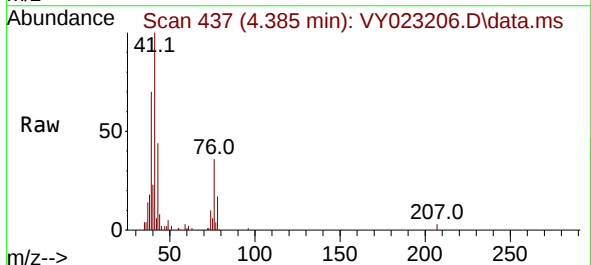
Tgt Ion: 56 Resp: 582
Ion Ratio Lower Upper
56 100
55 77.9 55.2 82.8

Manual Integrations
APPROVED

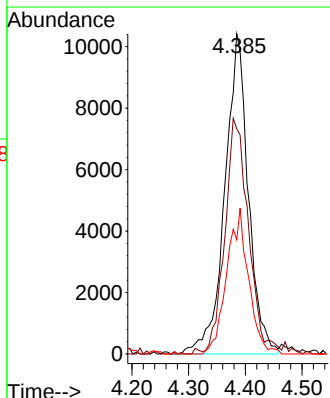
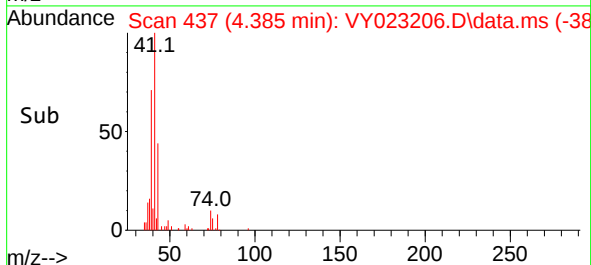
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

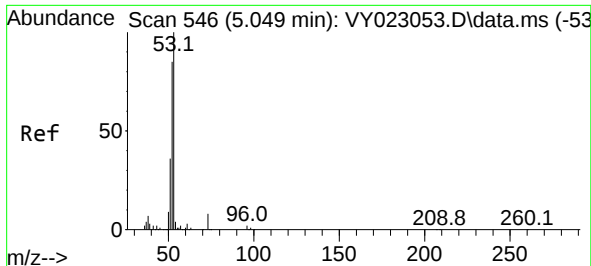


#14
Allyl chloride
Concen: 6.710 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56



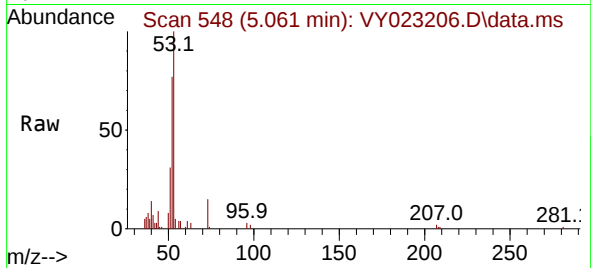
Tgt Ion: 41 Resp: 30065
Ion Ratio Lower Upper
41 100
39 74.2 59.8 89.6
76 42.1 33.7 50.5





#15
Acrylonitrile
Concen: 35.569 ug/l
RT: 5.061 min Scan# 546
Delta R.T. 0.012 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

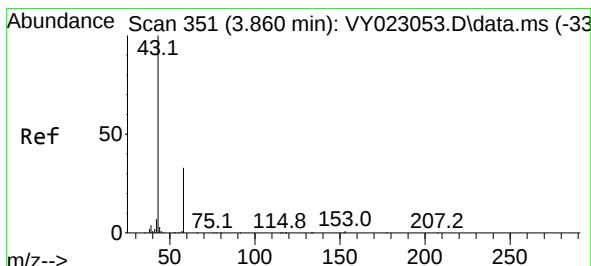
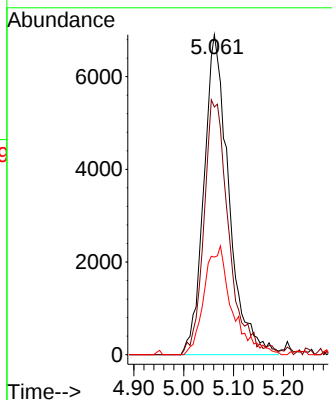
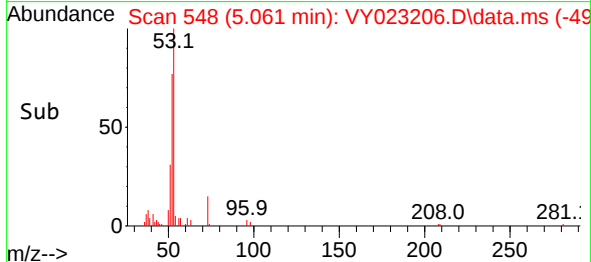
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2025



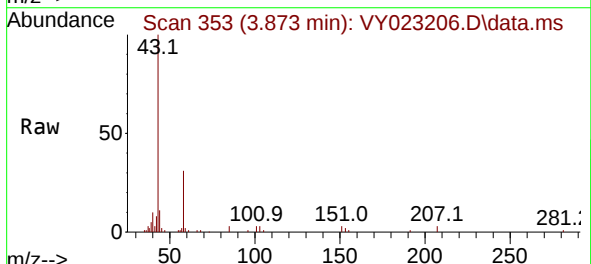
Tgt Ion: 53 Resp: 2402
Ion Ratio Lower Upper
53 100
52 78.4 65.3 97.9
51 37.7 29.5 44.3

Manual Integrations
APPROVED

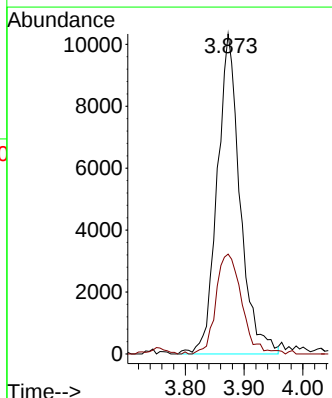
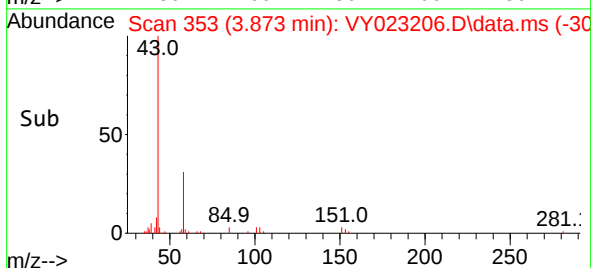
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

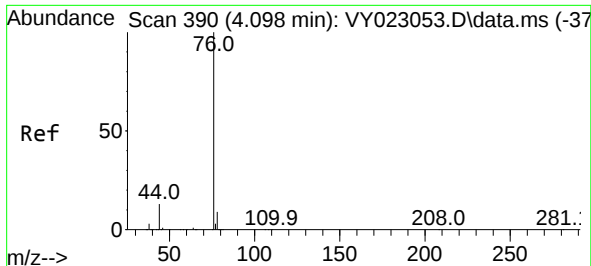


#16
Acetone
Concen: 42.808 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56



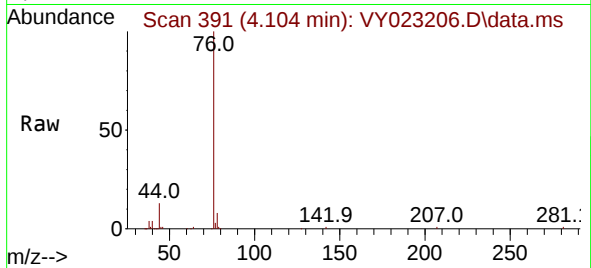
Tgt Ion: 43 Resp: 27929
Ion Ratio Lower Upper
43 100
58 31.2 27.1 40.7





#17
Carbon Disulfide
Concen: 7.262 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

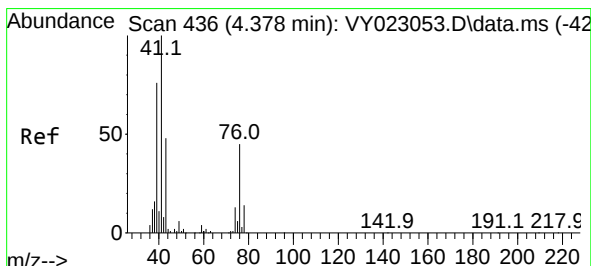
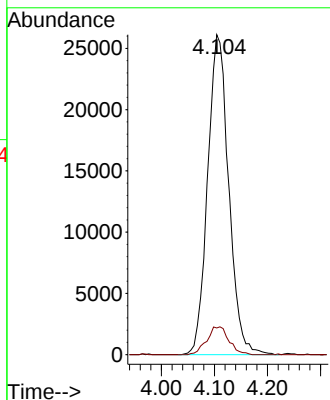
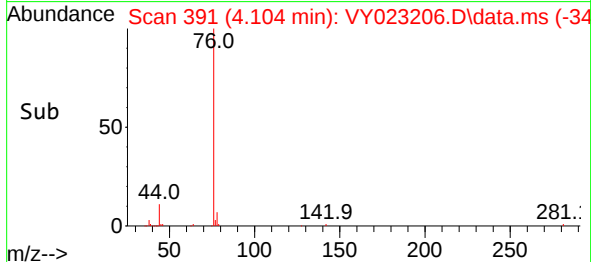
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 76 Resp: 7209
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2

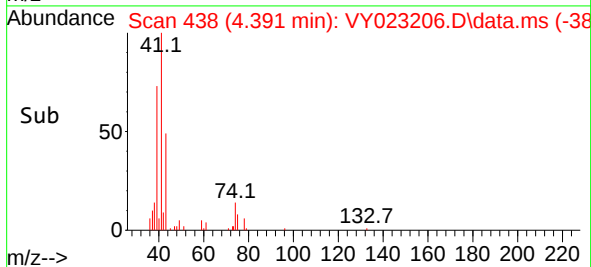
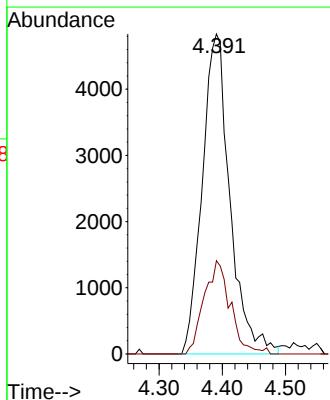
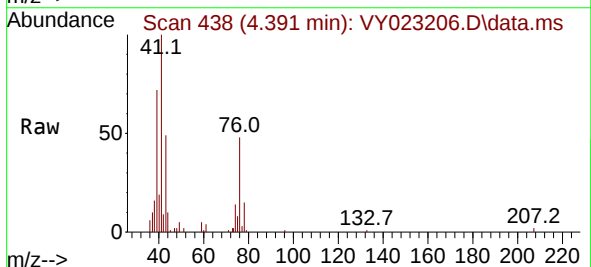
Manual Integrations
APPROVED

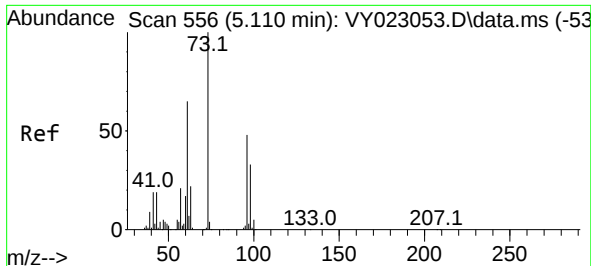
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#18
Methyl Acetate
Concen: 7.584 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.013 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

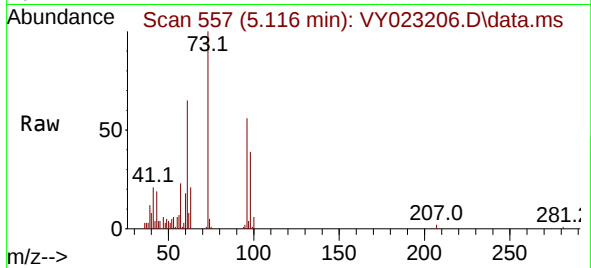
Tgt Ion: 43 Resp: 14724
Ion Ratio Lower Upper
43 100
74 27.7 21.2 31.8





#19
Methyl tert-butyl Ether
Concen: 6.808 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

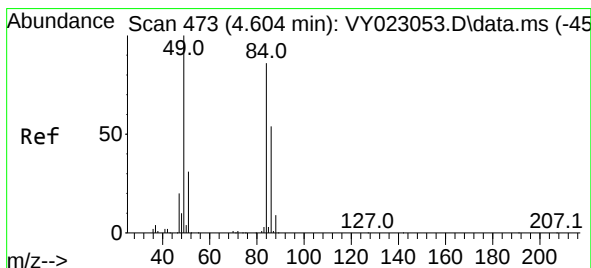
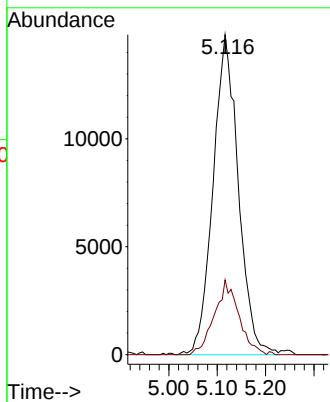
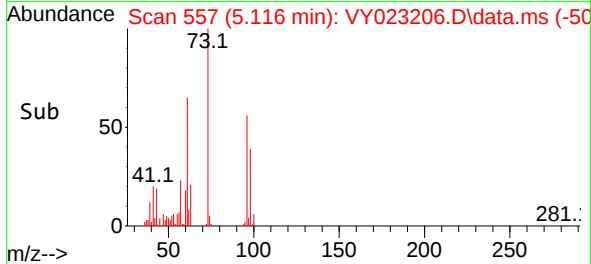
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



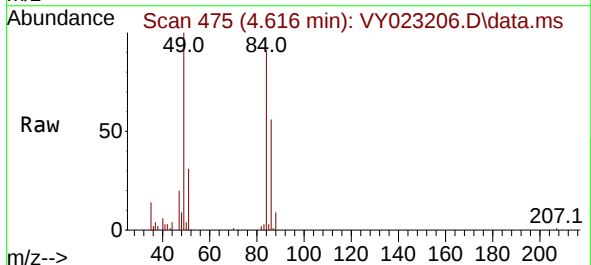
Tgt Ion: 73 Resp: 5371
Ion Ratio Lower Upper
73 100
57 23.4 17.1 25.7

Manual Integrations
APPROVED

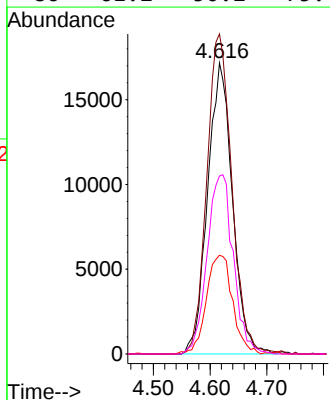
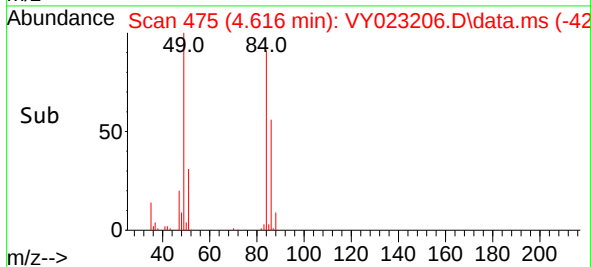
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

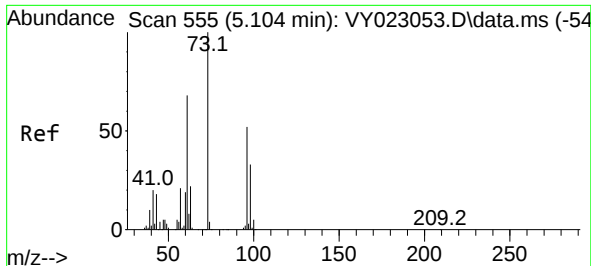


#20
Methylene Chloride
Concen: 13.326 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56



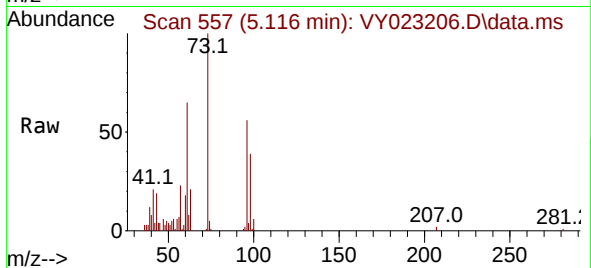
Tgt Ion: 84 Resp: 52190
Ion Ratio Lower Upper
84 100
49 110.0 93.0 139.6
51 33.6 29.0 43.4
86 61.2 50.2 75.4





#21
trans-1,2-Dichloroethene
Concen: 7.617 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

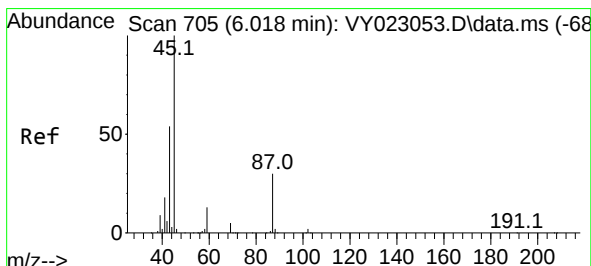
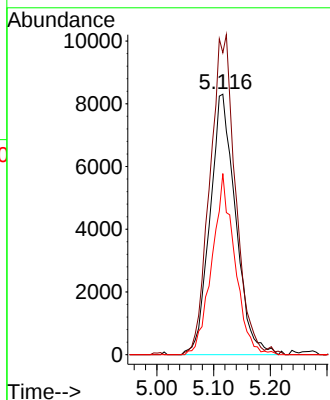
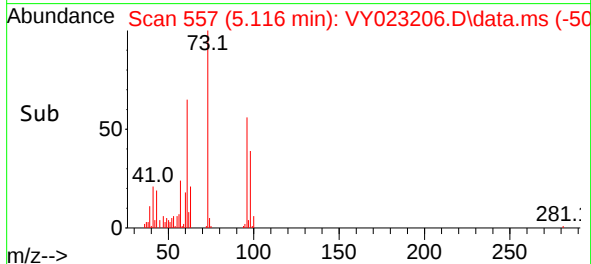
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



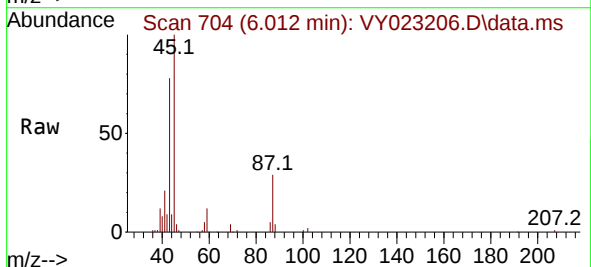
Tgt Ion: 96 Resp: 26064
Ion Ratio Lower Upper
96 100
61 115.9 104.8 157.2
98 69.5 50.1 75.1

Manual Integrations
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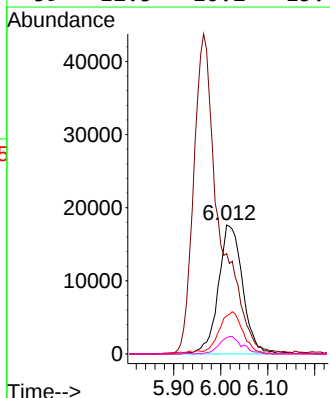
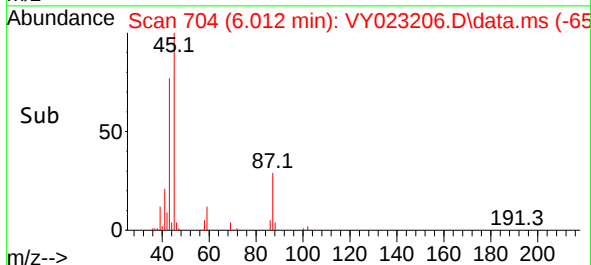
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#22
Diisopropyl ether
Concen: 6.472 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56



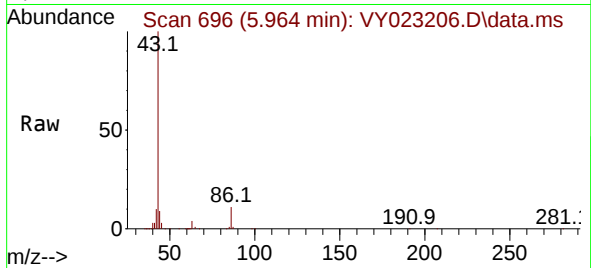
Tgt Ion: 45 Resp: 63007
Ion Ratio Lower Upper
45 100
43 75.8 43.4 65.0#
87 29.2 24.4 36.6
59 12.5 10.2 15.4





#23
 Vinyl Acetate
 Concen: 30.986 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023206.D
 Acq: 25 Aug 2025 11:56

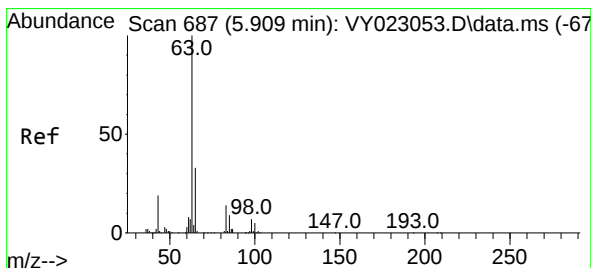
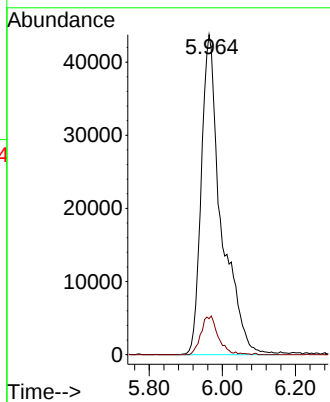
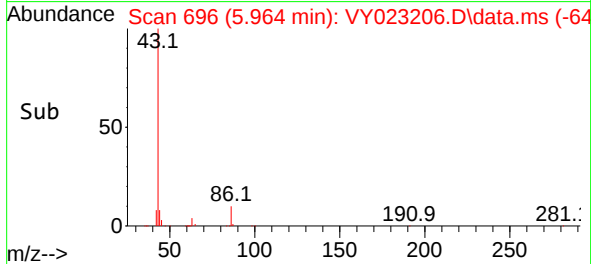
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025



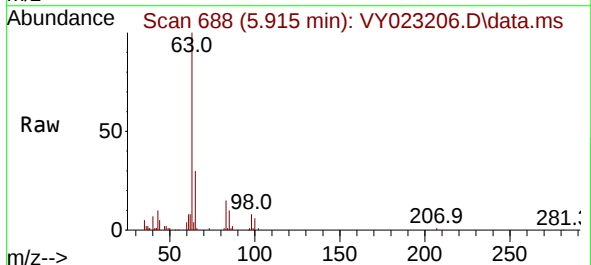
Tgt Ion: 43 Resp: 166812
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.6 14.4

Manual Integrations
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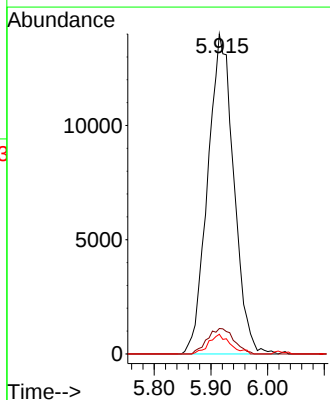
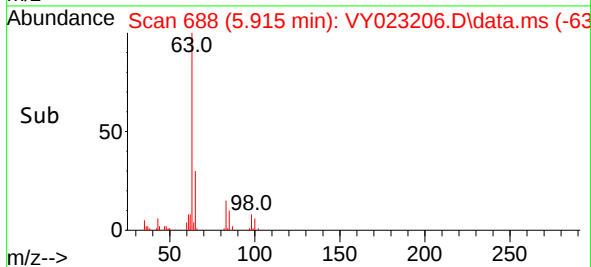
Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

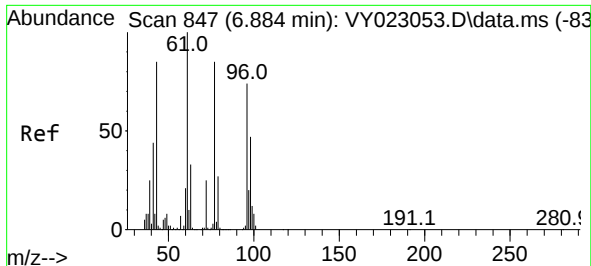


#24
 1,1-Dichloroethane
 Concen: 7.511 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023206.D
 Acq: 25 Aug 2025 11:56



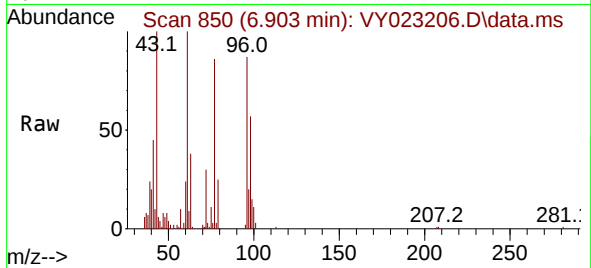
Tgt Ion: 63 Resp: 44709
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.6
 100 6.2 2.4 7.1





#25
2-Butanone
Concen: 36.452 ug/l
RT: 6.903 min Scan# 847
Delta R.T. 0.018 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

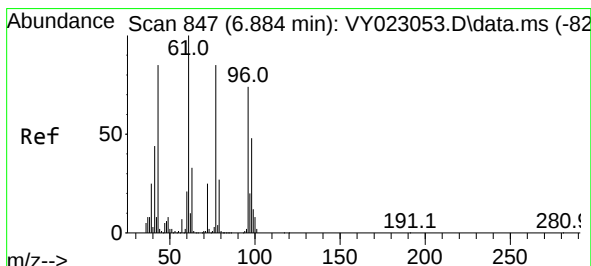
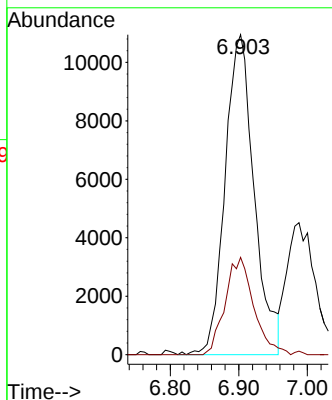
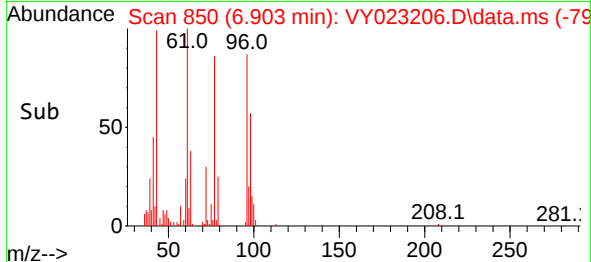
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



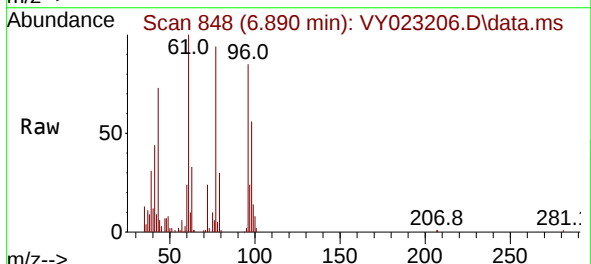
Tgt Ion: 43 Resp: 3234
Ion Ratio Lower Upper
43 100
72 30.4 23.5 35.3

Manual Integrations
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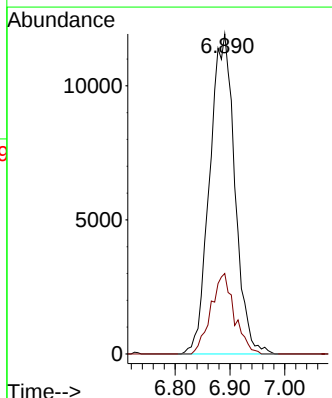
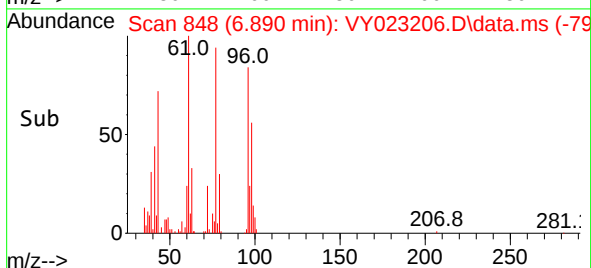
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

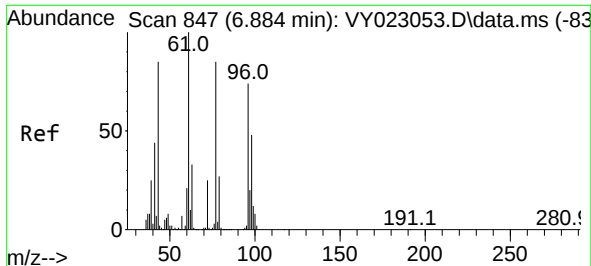


#26
2,2-Dichloropropane
Concen: 7.396 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56



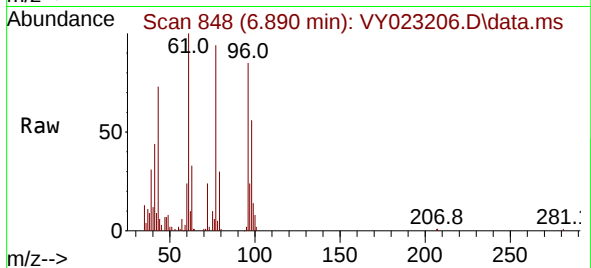
Tgt Ion: 77 Resp: 37987
Ion Ratio Lower Upper
77 100
97 23.5 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 7.513 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY023206.D
 Acq: 25 Aug 2025 11:56

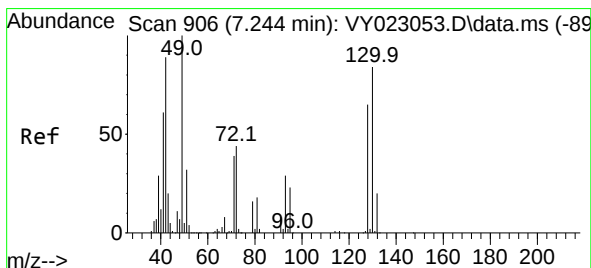
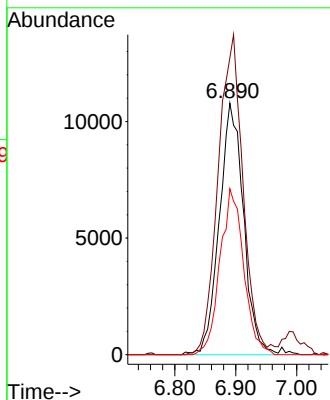
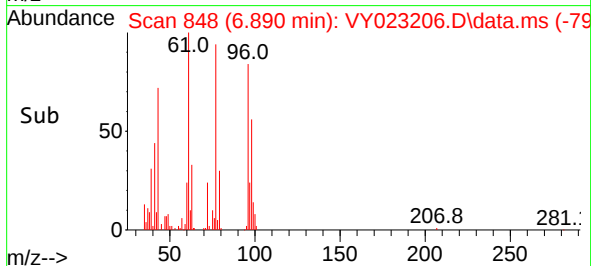
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025



Tgt Ion: 96 Resp: 29720
 Ion Ratio Lower Upper
 96 100
 61 131.3 0.0 278.6
 98 64.6 0.0 130.4

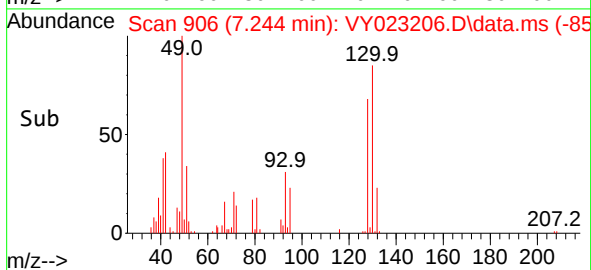
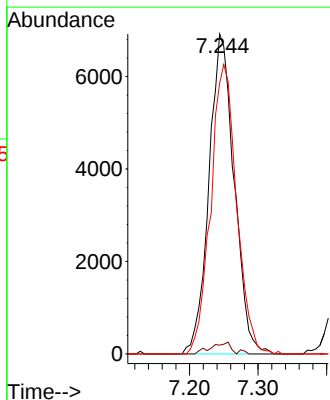
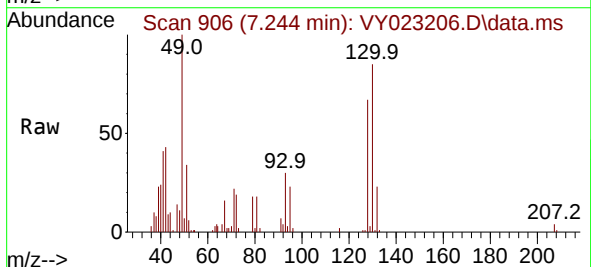
Manual Integrations
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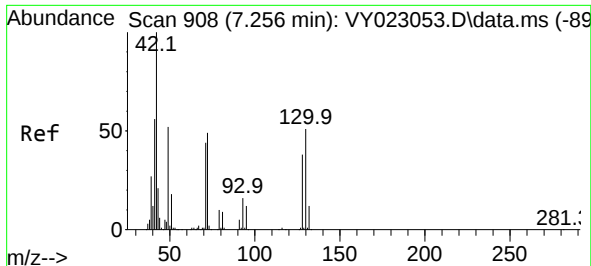
Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025



#28
 Bromochloromethane
 Concen: 7.489 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY023206.D
 Acq: 25 Aug 2025 11:56

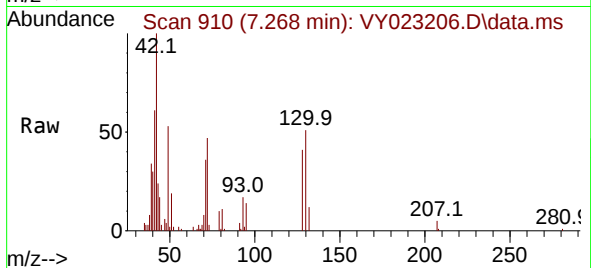
Tgt Ion: 49 Resp: 17687
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.2
 130 92.6 66.4 99.6





#29
Tetrahydrofuran
Concen: 31.232 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

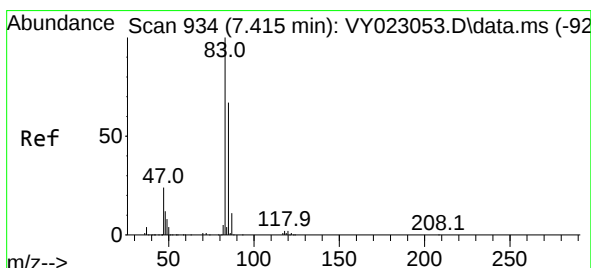
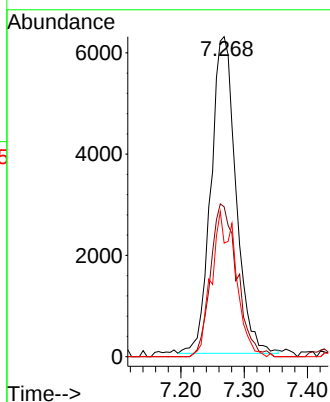
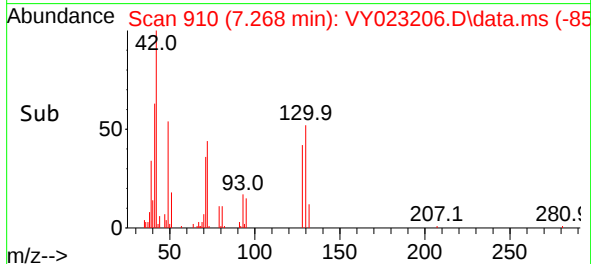
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 42 Resp: 17178
Ion Ratio Lower Upper
42 100
72 50.9 39.4 59.2
71 44.8 36.5 54.7

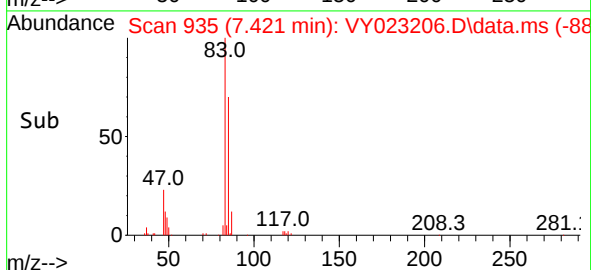
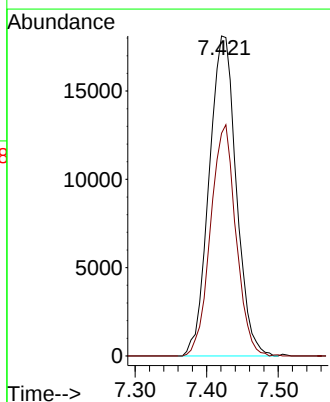
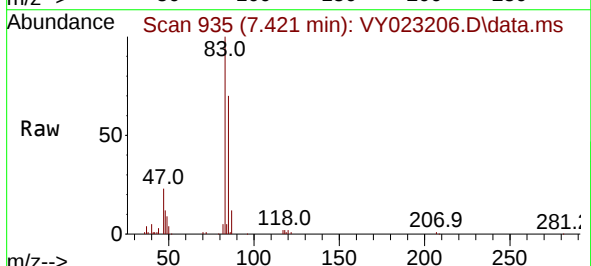
Manual Integrations
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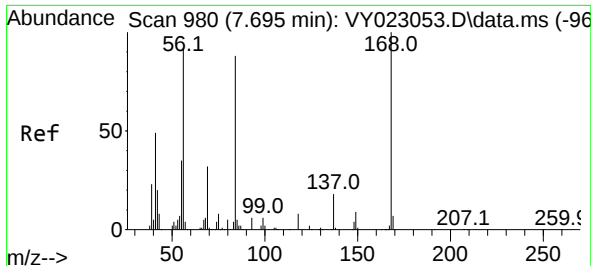
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#30
Chloroform
Concen: 7.794 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

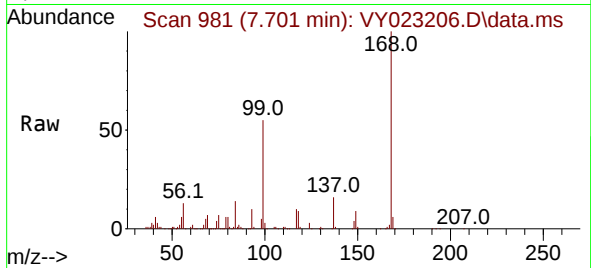
Tgt Ion: 83 Resp: 47847
Ion Ratio Lower Upper
83 100
85 69.6 53.8 80.8





#31
Cyclohexane
Concen: 6.914 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

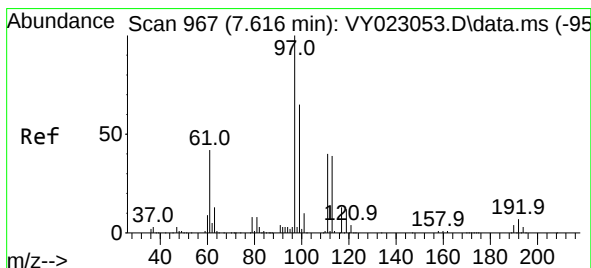
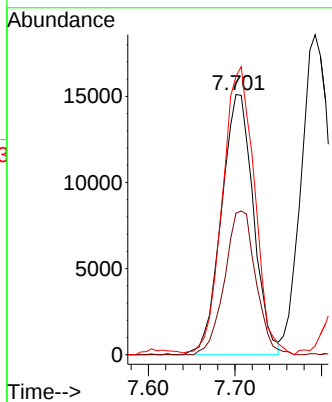
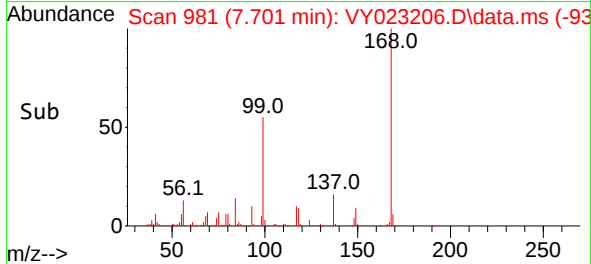
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2025



Tgt Ion: 56 Resp: 38780
Ion Ratio Lower Upper
56 100
69 54.3 28.2 42.2
84 105.8 76.6 114.8

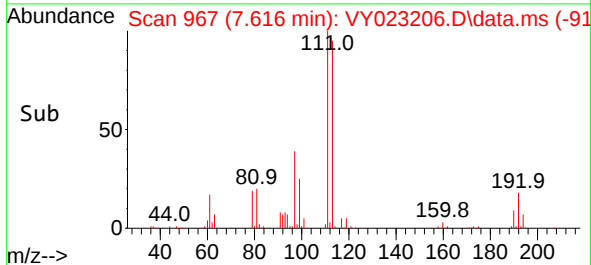
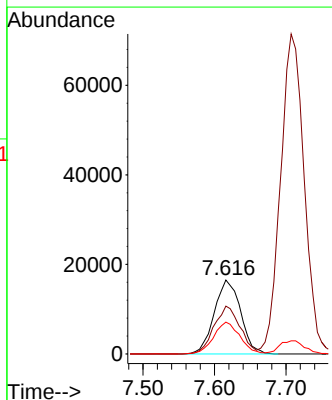
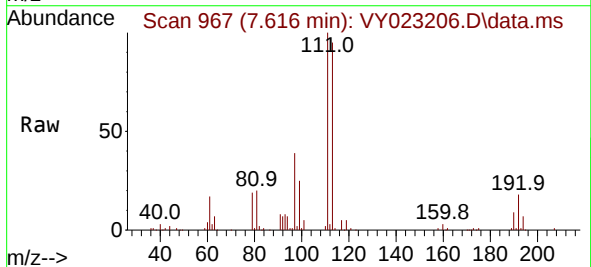
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#32
1,1,1-Trichloroethane
Concen: 7.725 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

Tgt Ion: 97 Resp: 42079
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 43.2 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 67.439 ug/l

RT: 8.061 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VY023206.D

Acq: 25 Aug 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2025

Tgt Ion: 65 Resp: 203099

Ion Ratio Lower Upper

65 100

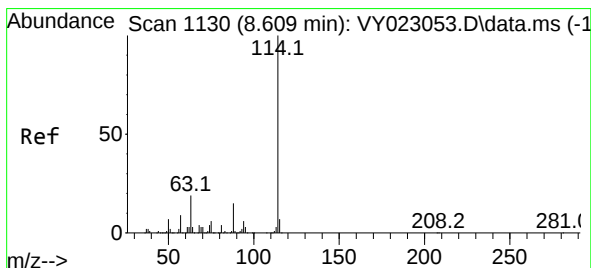
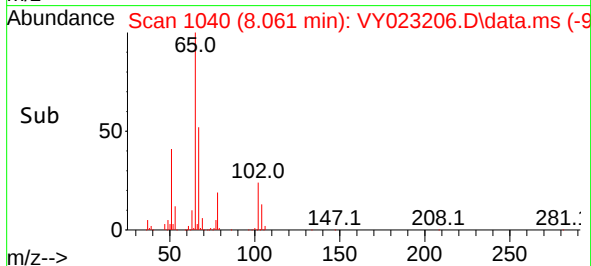
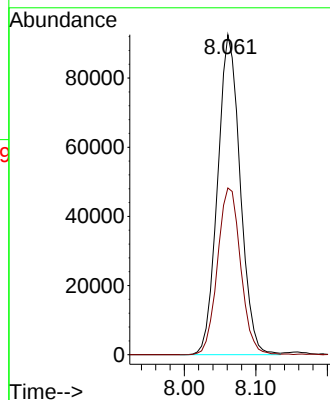
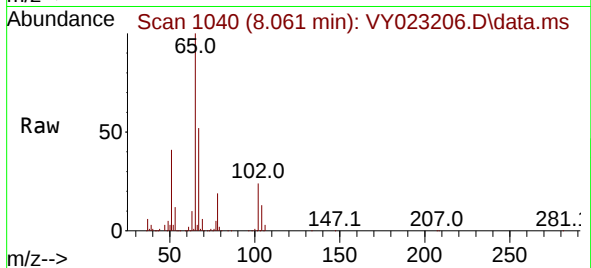
67 53.5 0.0 106.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023206.D

Acq: 25 Aug 2025 11:56

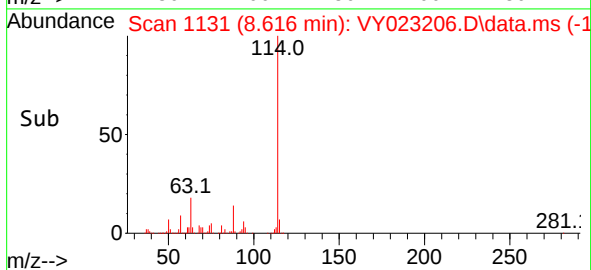
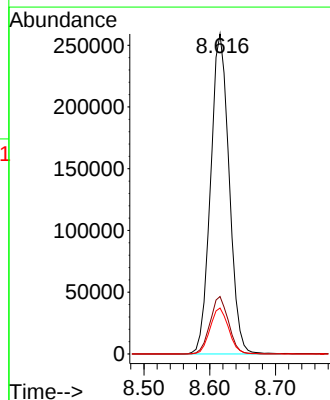
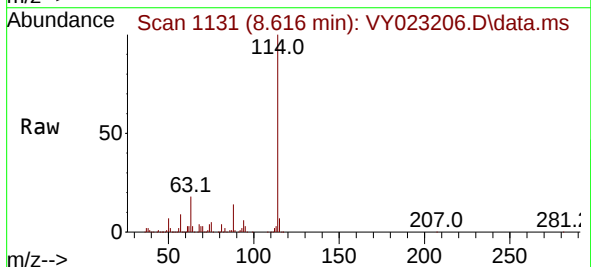
Tgt Ion:114 Resp: 508667

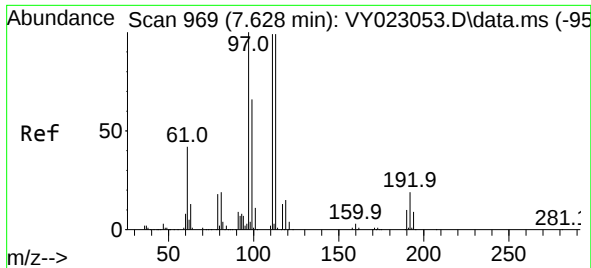
Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

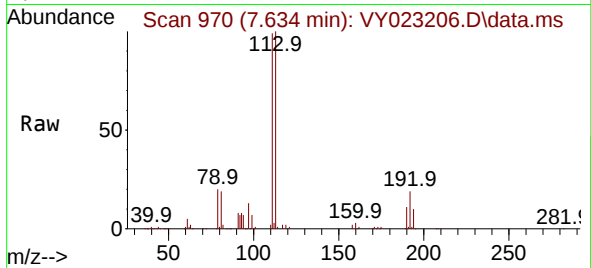
88 14.4 0.0 30.0





#35
Dibromofluoromethane
Concen: 69.603 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

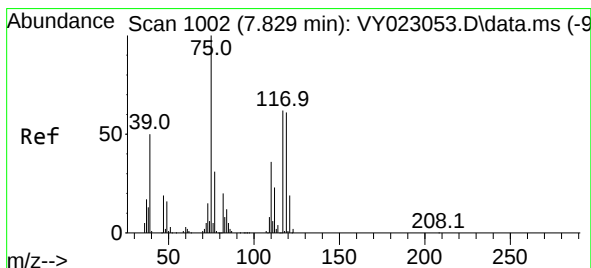
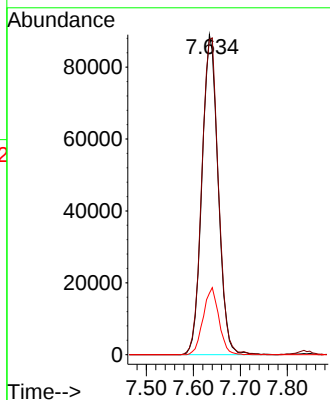
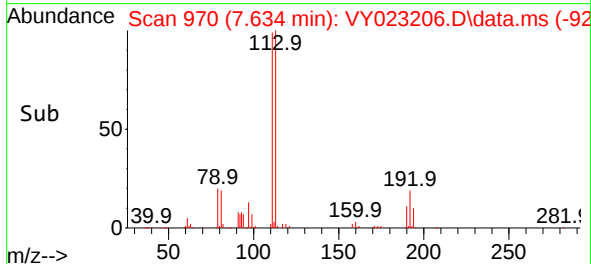
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 113 Resp: 211850
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 20.4 16.2 24.4

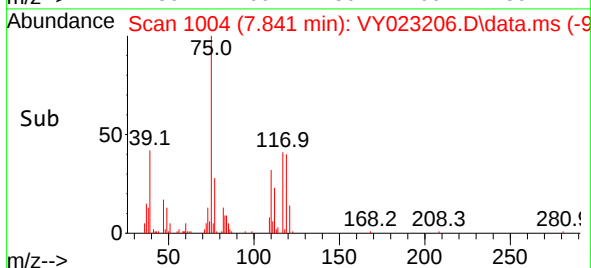
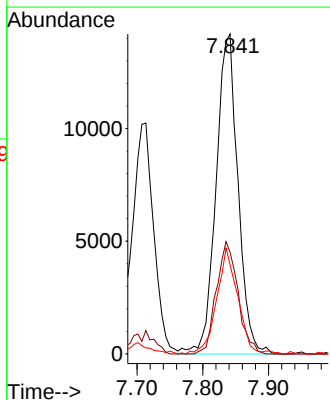
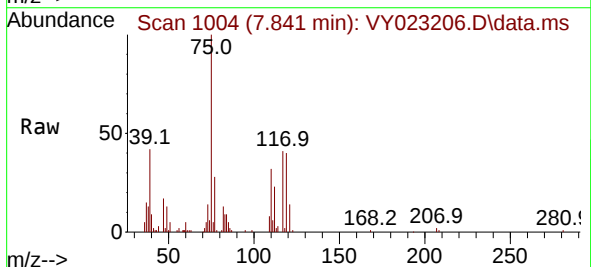
Manual Integrations
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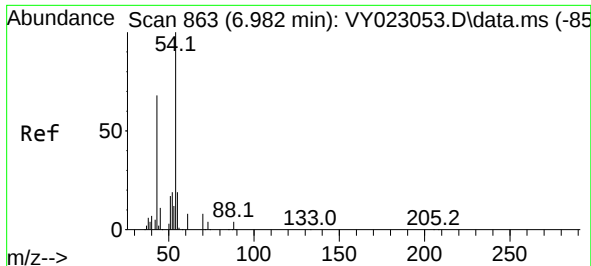
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#36
1,1-Dichloropropene
Concen: 7.296 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

Tgt Ion: 75 Resp: 33003
Ion Ratio Lower Upper
75 100
110 34.5 18.1 54.4
77 31.5 24.6 37.0





#37

Ethyl Acetate

Concen: 6.336 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023206.D

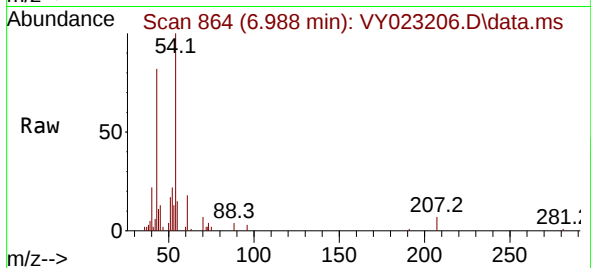
Acq: 25 Aug 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2025



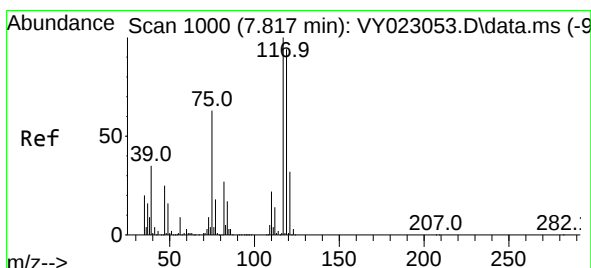
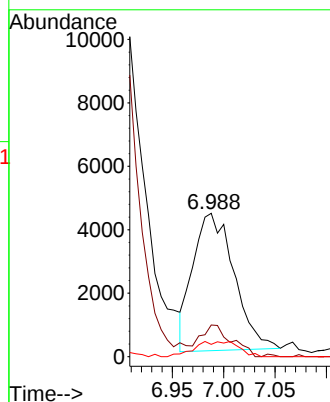
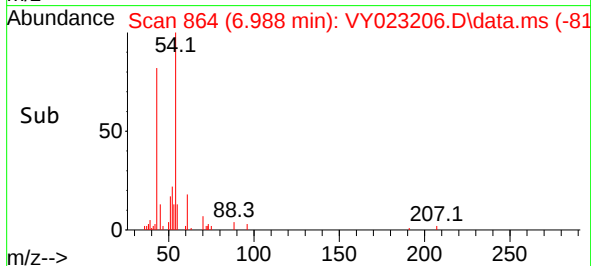
Tgt Ion:	43	Resp:	12040
Ion	Ratio	Lower	Upper
43	100		
61	16.8	11.9	17.9
70	5.3	8.8	13.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#38

Carbon Tetrachloride

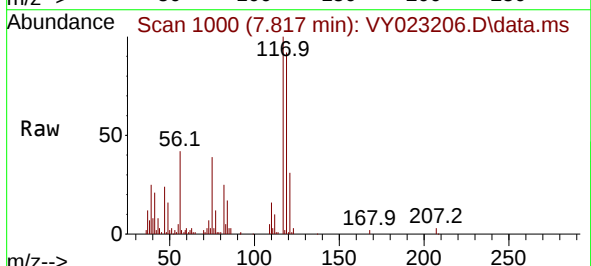
Concen: 7.596 ug/l

RT: 7.817 min Scan# 1000

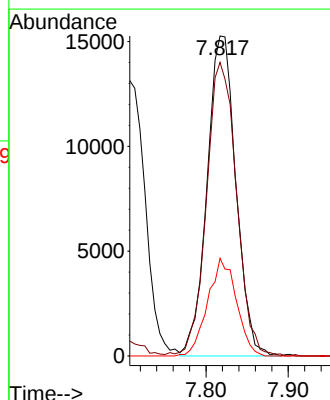
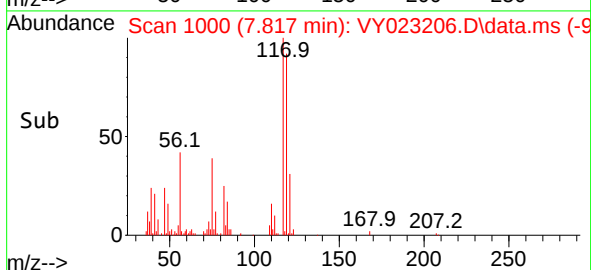
Delta R.T. 0.000 min

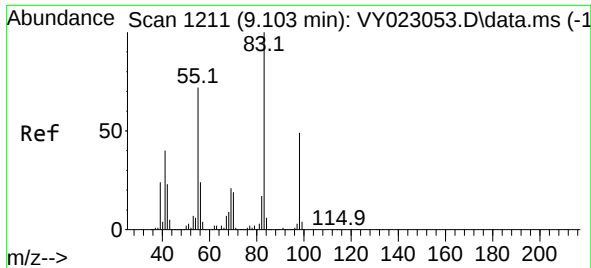
Lab File: VY023206.D

Acq: 25 Aug 2025 11:56



Tgt Ion:	117	Resp:	37317
Ion	Ratio	Lower	Upper
117	100		
119	91.1	75.6	113.4
121	30.5	25.8	38.8





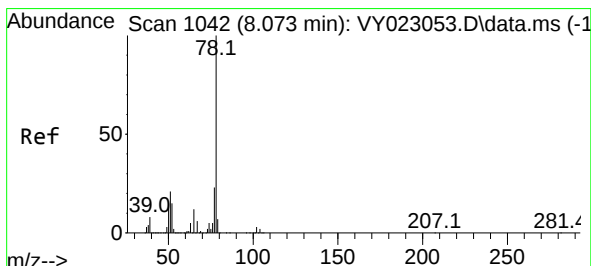
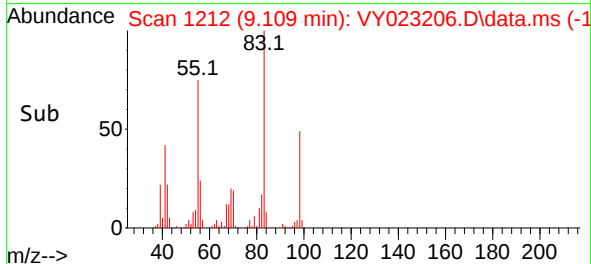
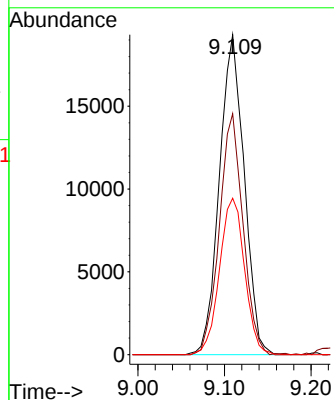
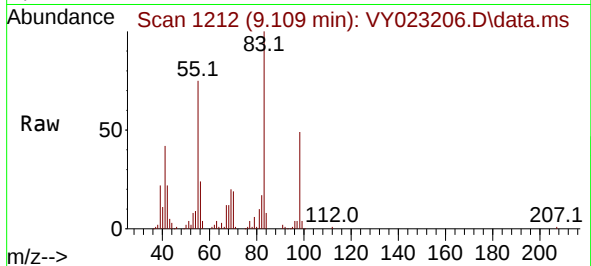
#39
Methylcyclohexane
Concen: 6.447 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion: 83 Resp: 3840
Ion Ratio Lower Upper
83 100
55 75.3 57.6 86.4
98 48.9 39.2 58.8

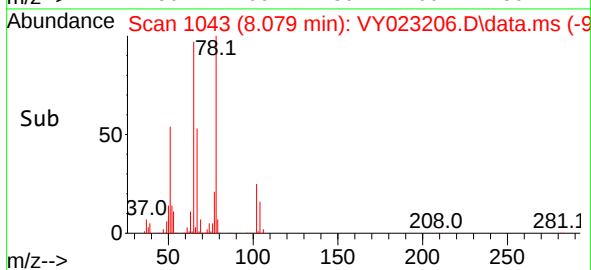
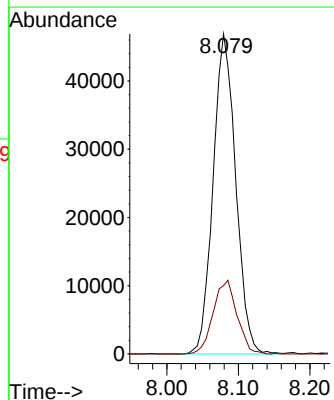
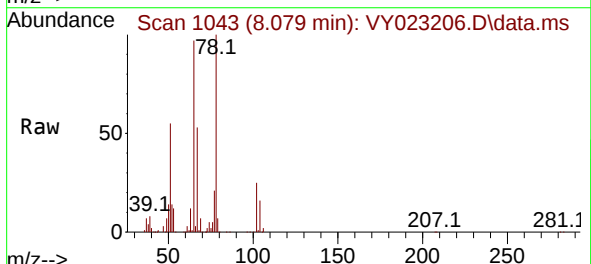
Manual Integrations
APPROVED

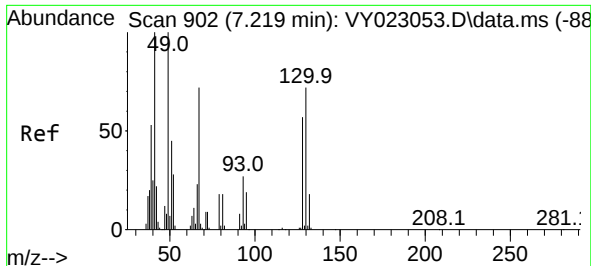
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#40
Benzene
Concen: 7.381 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

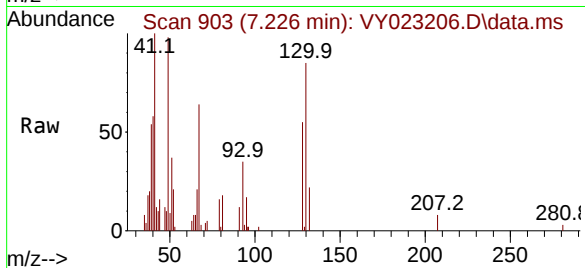
Tgt Ion: 78 Resp: 102899
Ion Ratio Lower Upper
78 100
77 21.4 18.6 28.0





#41
Methacrylonitrile
Concen: 5.263 ug/l m
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

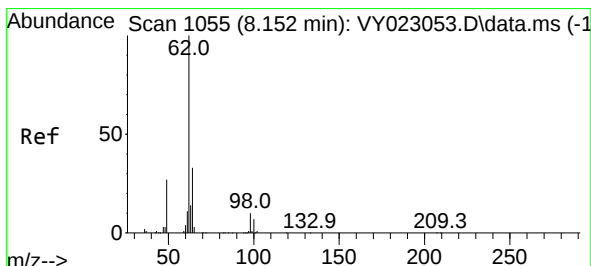
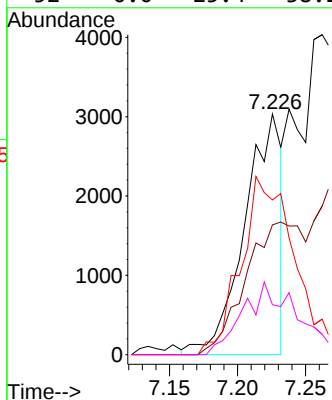
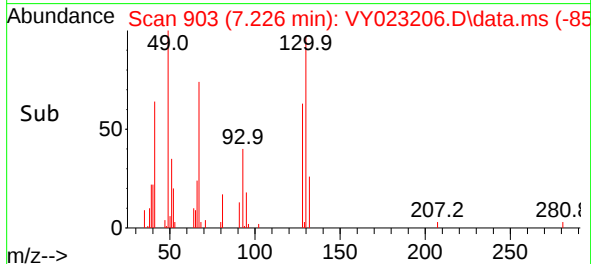
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 41 Resp: 5772
Ion Ratio Lower Upper
41 100
39 63.5 43.4 65.2
67 0.0 63.6 95.4
52 0.0 25.4 38.2#

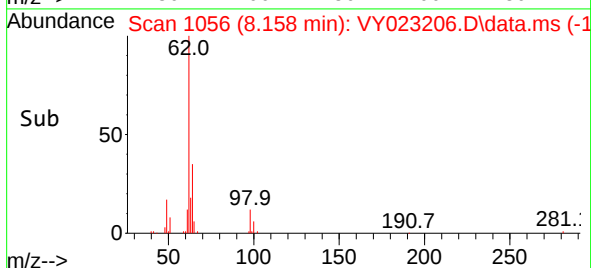
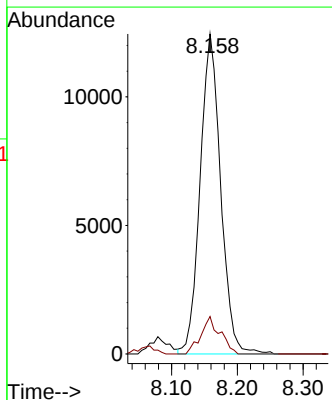
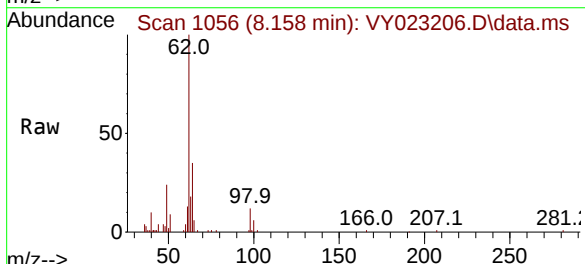
Manual Integrations
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Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#42
1,2-Dichloroethane
Concen: 7.463 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

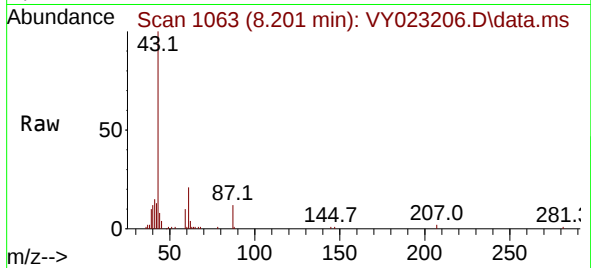
Tgt Ion: 62 Resp: 27059
Ion Ratio Lower Upper
62 100
98 10.9 0.0 20.6





#43
Isopropyl Acetate
Concen: 6.469 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

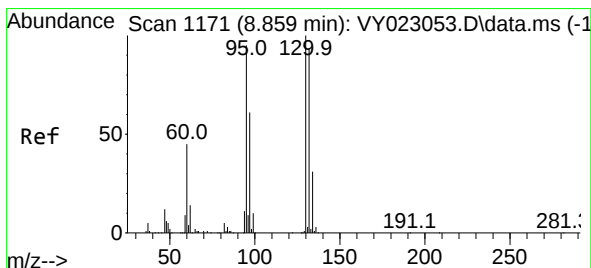
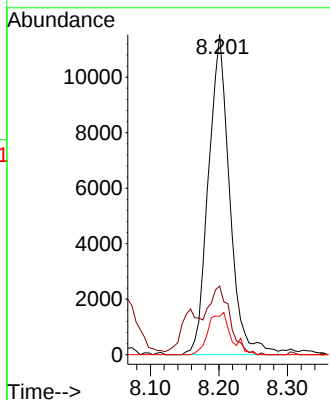
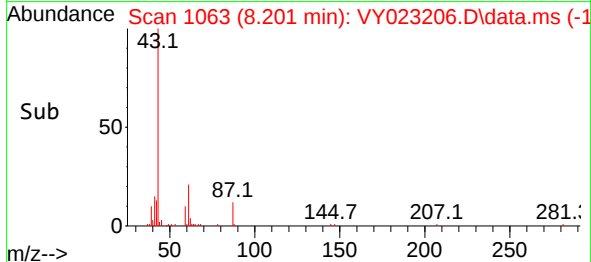
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2025



Tgt Ion: 43 Resp: 2484
Ion Ratio Lower Upper
43 100
61 21.2 16.4 24.6
87 14.1 11.8 17.6

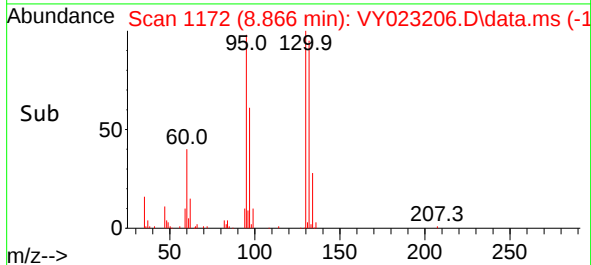
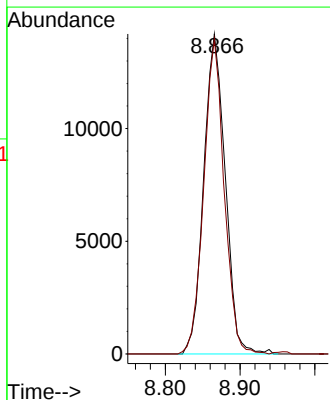
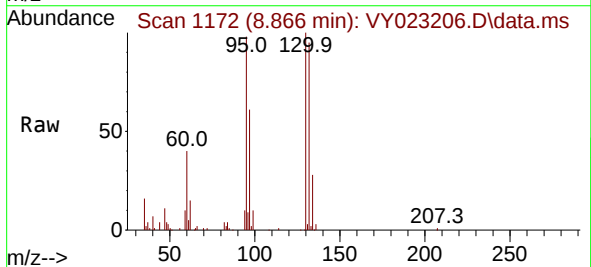
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#44
Trichloroethene
Concen: 7.868 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

Tgt Ion:130 Resp: 28348
Ion Ratio Lower Upper
130 100
95 98.4 0.0 190.2





#45

1,2-Dichloropropane

Concen: 7.216 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023206.D

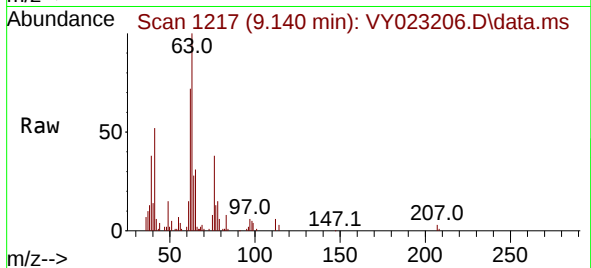
Acq: 25 Aug 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2025



Tgt Ion: 63 Resp: 2314

Ion Ratio Lower Upper

63 100

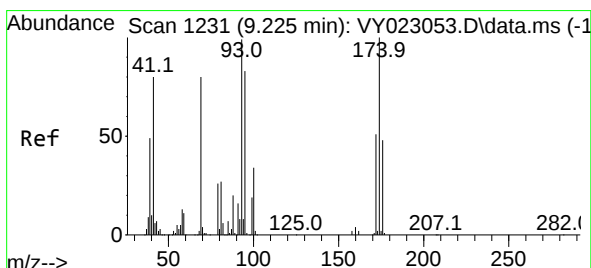
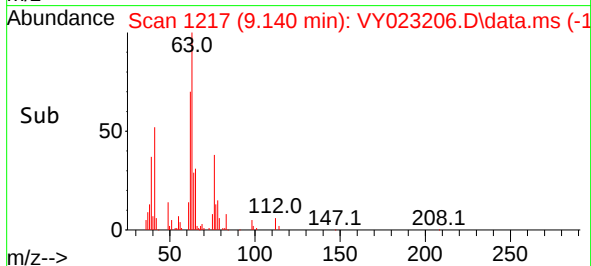
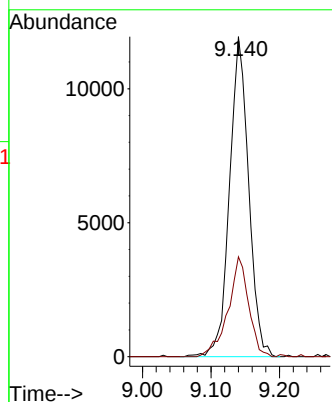
65 31.2 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#46

Dibromomethane

Concen: 7.605 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023206.D

Acq: 25 Aug 2025 11:56

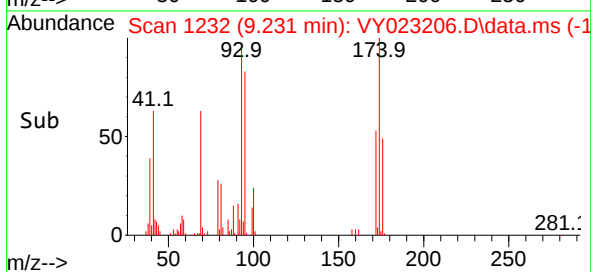
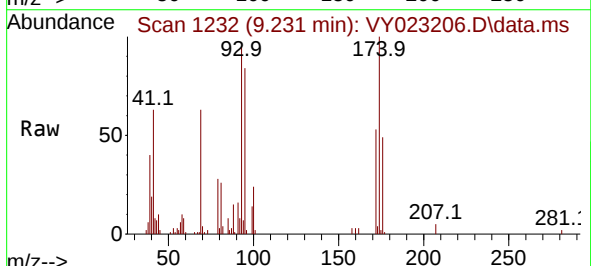
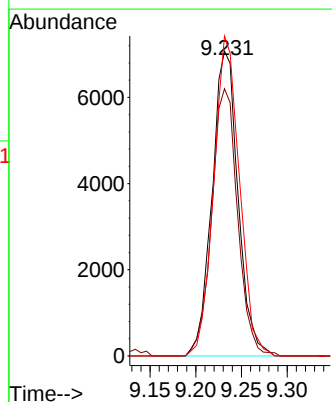
Tgt Ion: 93 Resp: 14003

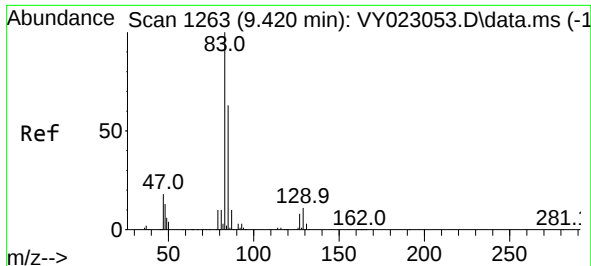
Ion Ratio Lower Upper

93 100

95 86.9 66.5 99.7

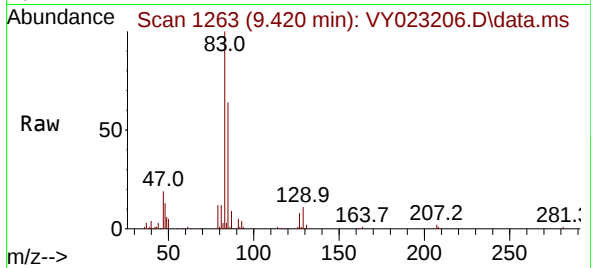
174 103.6 81.8 122.8





#47
Bromodichloromethane
Concen: 7.871 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

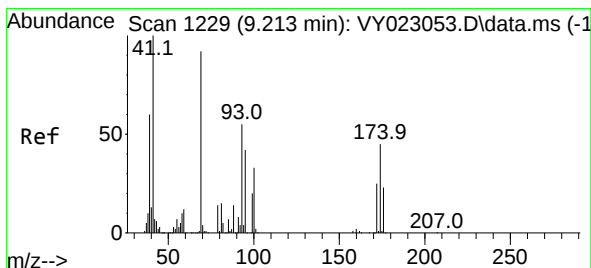
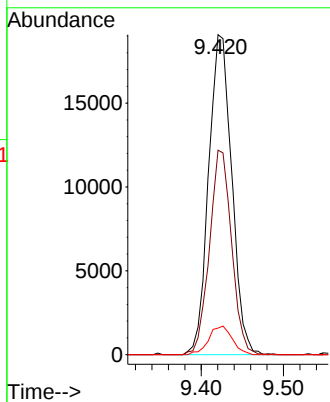
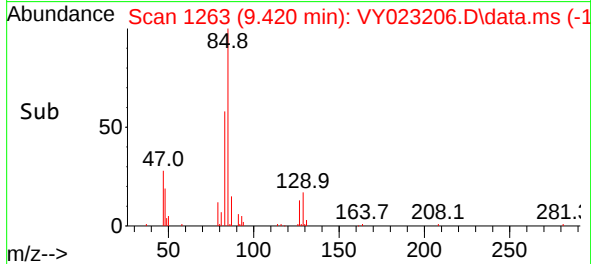
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2025



Tgt Ion: 83 Resp: 37289
Ion Ratio Lower Upper
83 100
85 63.9 50.2 75.4
127 8.3 6.6 10.0

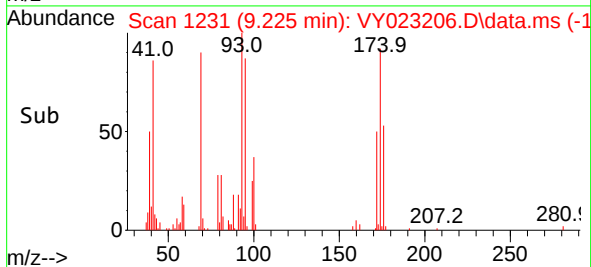
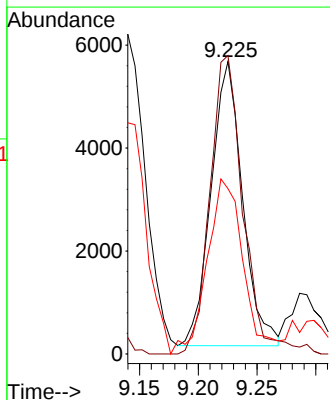
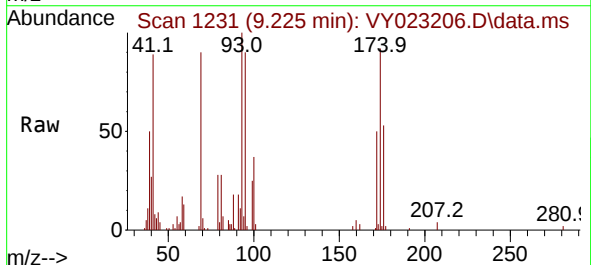
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#48
Methyl methacrylate
Concen: 5.611 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

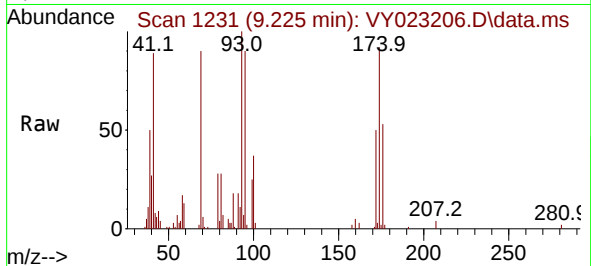
Tgt Ion: 41 Resp: 10312
Ion Ratio Lower Upper
41 100
69 110.4 73.2 109.8#
39 61.1 47.0 70.4





#49
1,4-Dioxane
Concen: 127.753 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

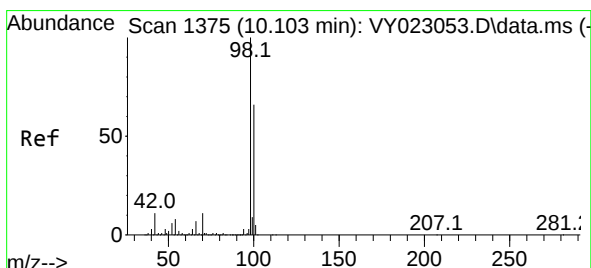
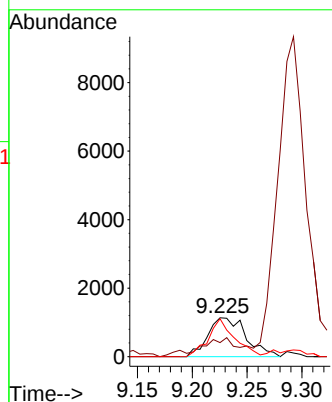
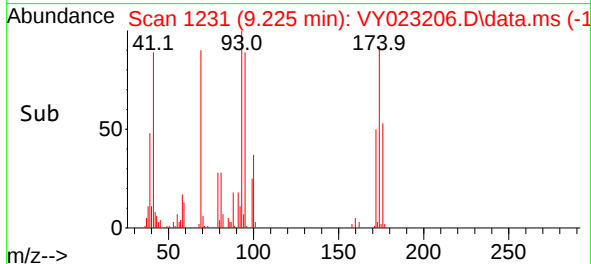
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 88 Resp: 2758
Ion Ratio Lower Upper
88 100
43 43.5 24.3 36.5
58 66.8 55.4 83.0

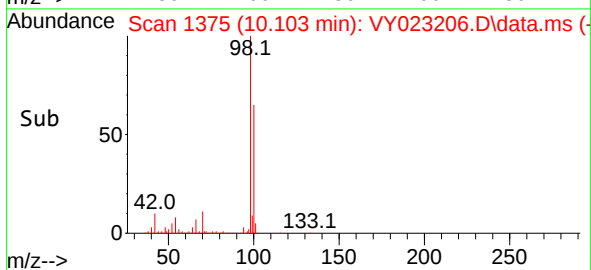
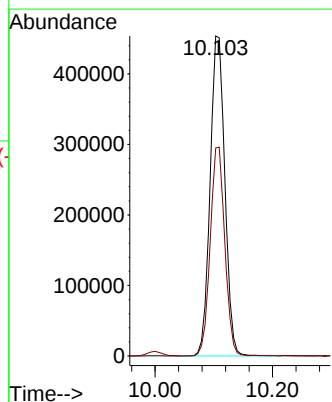
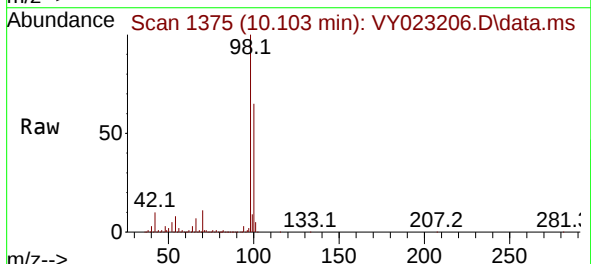
Manual Integrations
APPROVED

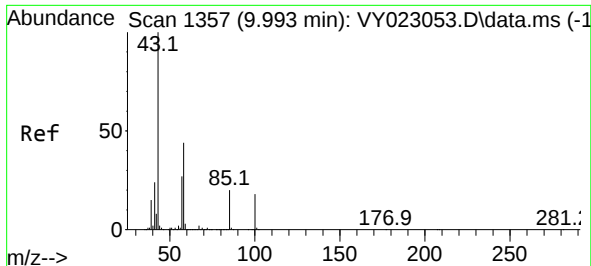
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#50
Toluene-d8
Concen: 66.519 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

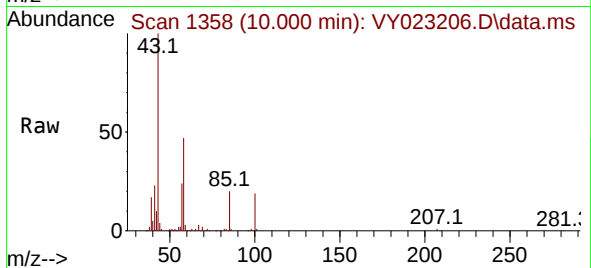
Tgt Ion: 98 Resp: 790946
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5





#51
4-Methyl-2-Pentanone
Concen: 30.778 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

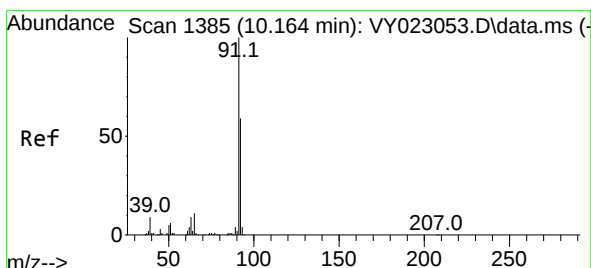
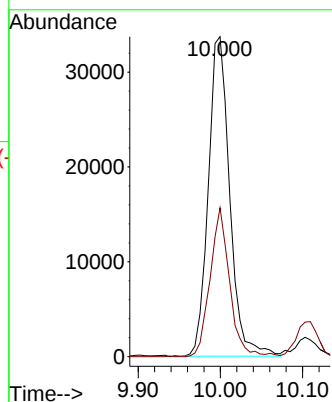
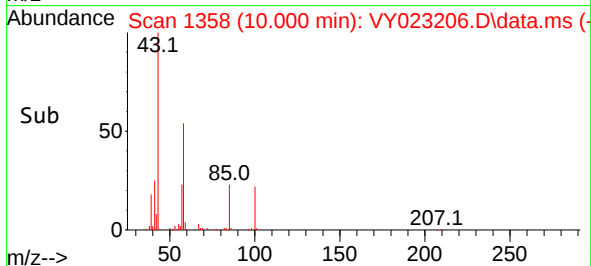
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 43 Resp: 6097
Ion Ratio Lower Upper
43 100
58 42.6 33.5 50.3

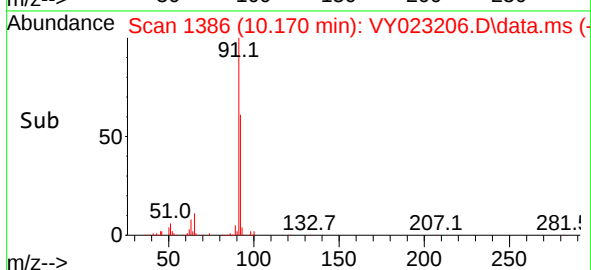
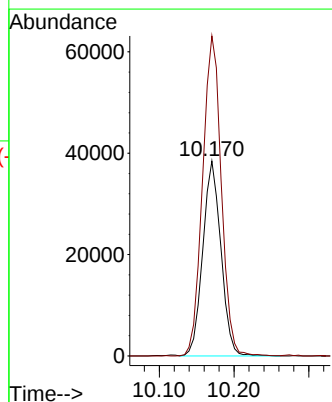
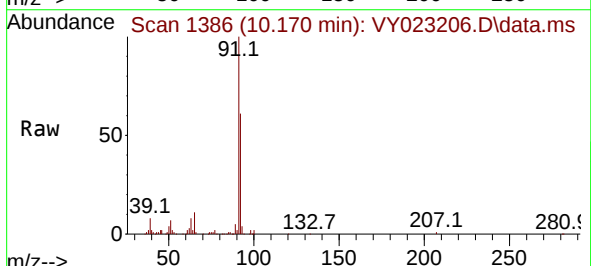
Manual Integrations
APPROVED

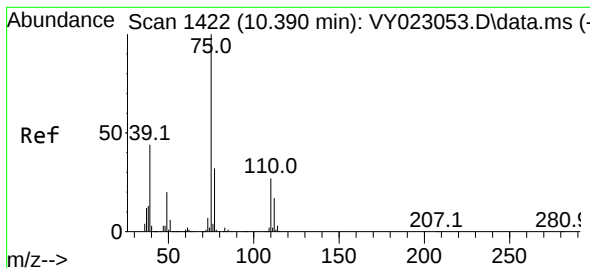
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#52
Toluene
Concen: 7.319 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

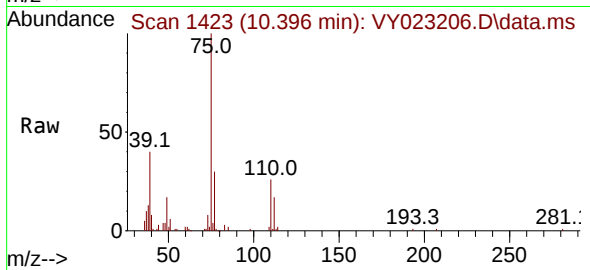
Tgt Ion: 92 Resp: 64804
Ion Ratio Lower Upper
92 100
91 169.5 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 6.852 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

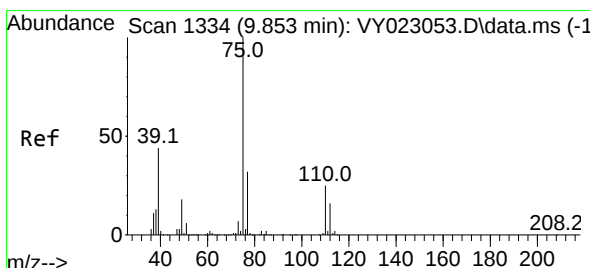
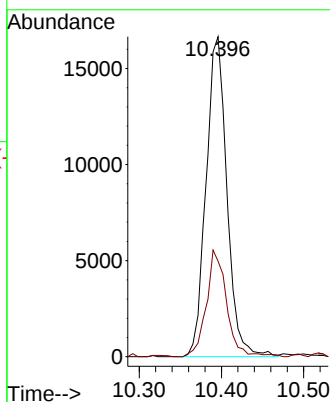
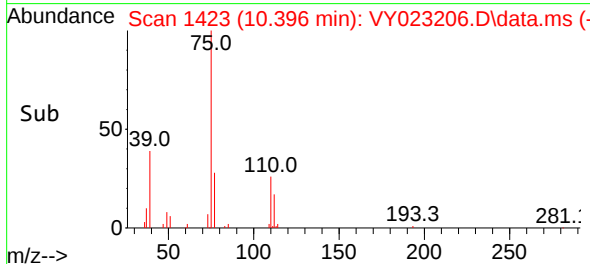
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2025



Tgt Ion: 75 Resp: 29398
Ion Ratio Lower Upper
75 100
77 29.9 25.7 38.5

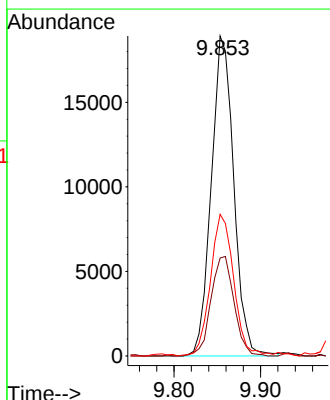
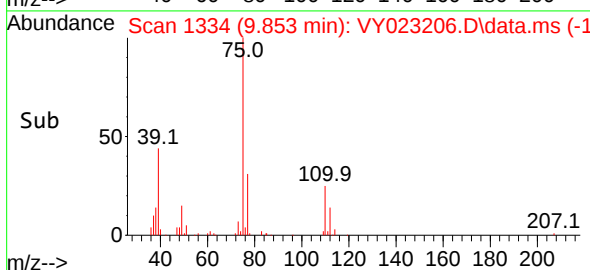
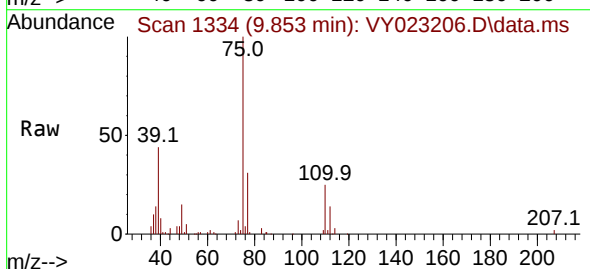
Manual Integrations
APPROVED

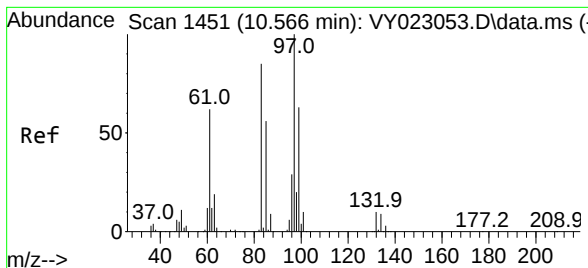
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#54
cis-1,3-Dichloropropene
Concen: 6.733 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

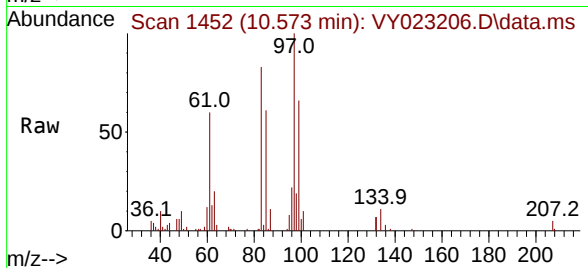
Tgt Ion: 75 Resp: 34157
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0
39 44.3 35.6 53.4





#55
1,1,2-Trichloroethane
Concen: 7.464 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

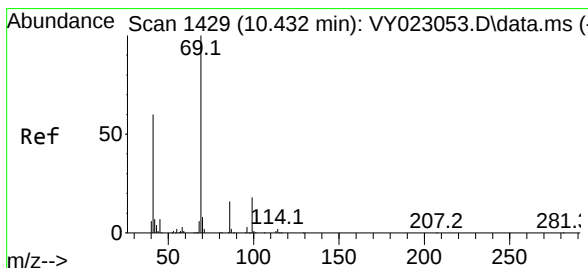
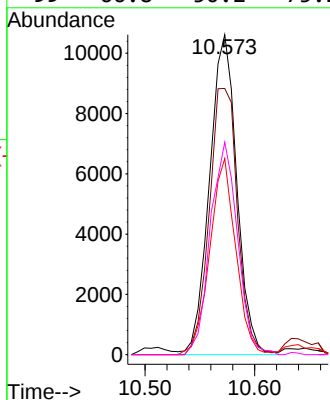
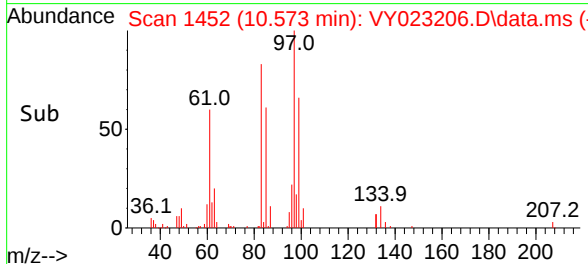
Instrument : MSVOA_Y
ClientSampleId : VY023206.D
LOQ-SOIL-02-QT3-2025



Tgt Ion:	97	Resp:	18390
Ion Ratio	100	Lower	Upper
97	100		
83	83.8	67.7	101.5
85	61.7	44.5	66.7
99	66.8	50.2	75.2

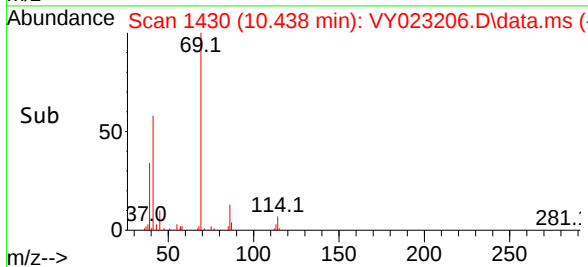
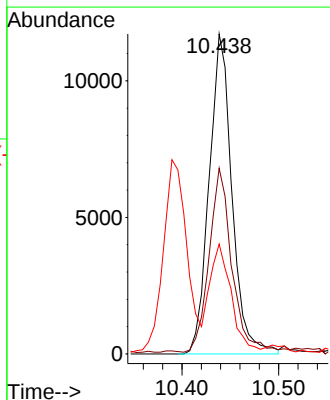
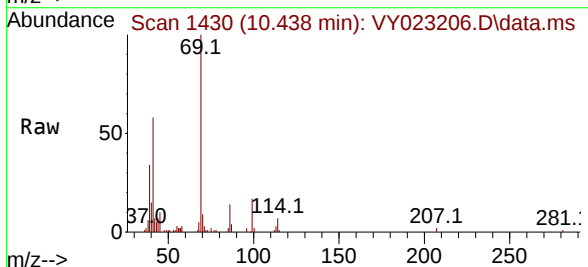
Manual Integrations
APPROVED

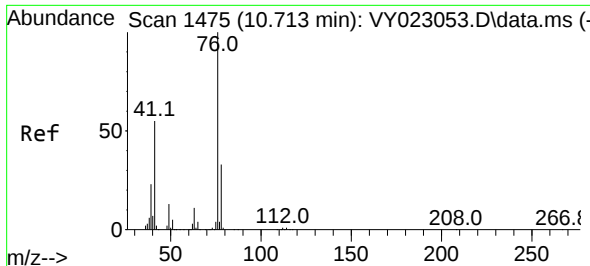
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#56
Ethyl methacrylate
Concen: 6.087 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

Tgt Ion:	69	Resp:	19190
Ion Ratio	100	Lower	Upper
69	100		
41	57.5	48.6	72.8
39	32.3	27.0	40.4





#57

1,3-Dichloropropane

Concen: 7.304 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY023206.D

Acq: 25 Aug 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2025

Tgt Ion: 76 Resp: 30519

Ion Ratio Lower Upper

76 100

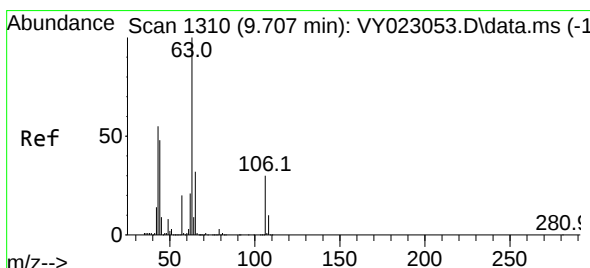
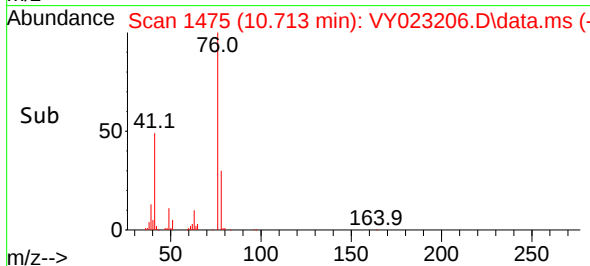
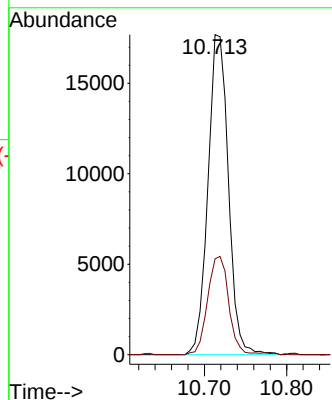
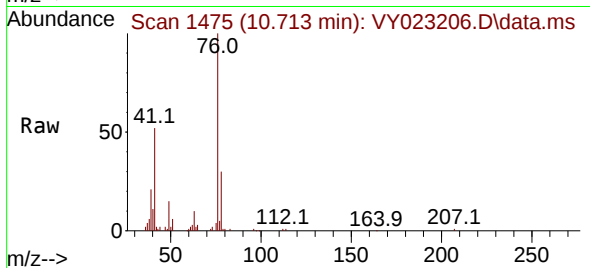
78 32.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#58

2-Chloroethyl Vinyl ether

Concen: 24.470 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023206.D

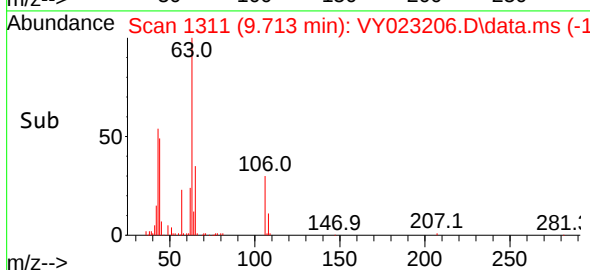
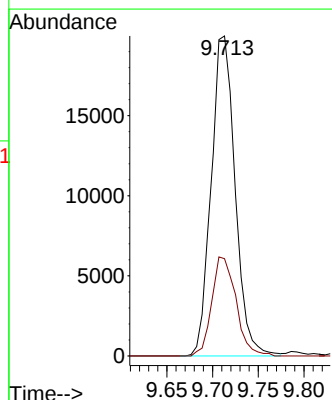
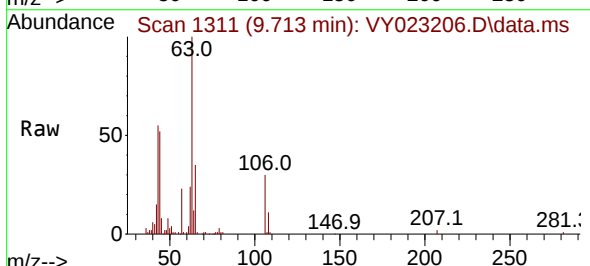
Acq: 25 Aug 2025 11:56

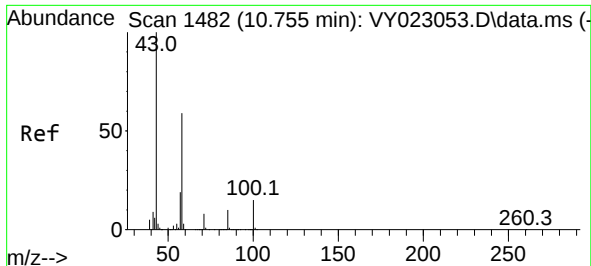
Tgt Ion: 63 Resp: 36388

Ion Ratio Lower Upper

63 100

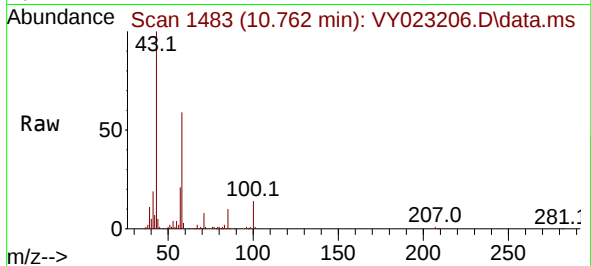
106 31.3 23.2 34.8





#59
2-Hexanone
Concen: 31.286 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

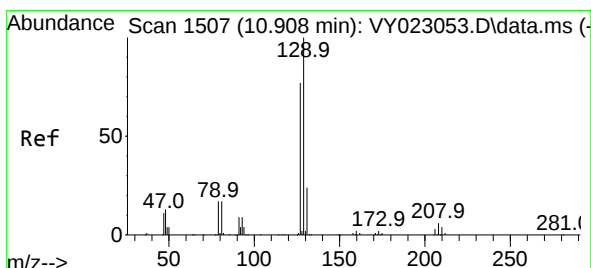
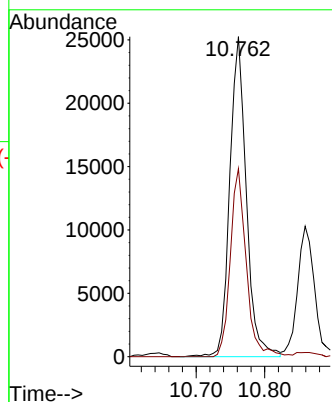
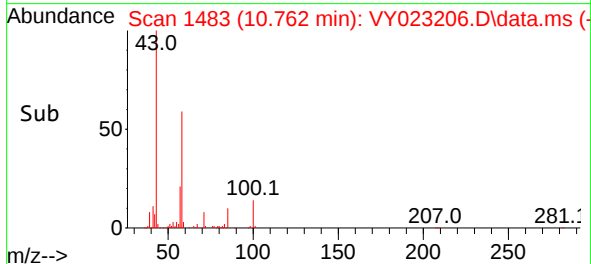
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 43 Resp: 4220
Ion Ratio Lower Upper
43 100
58 56.5 29.5 88.5

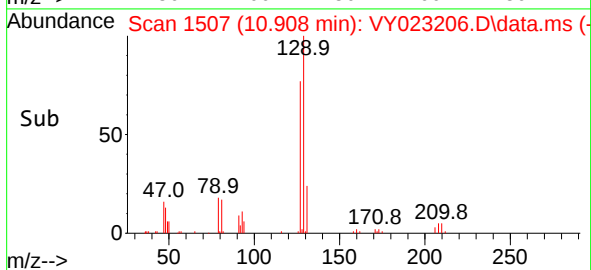
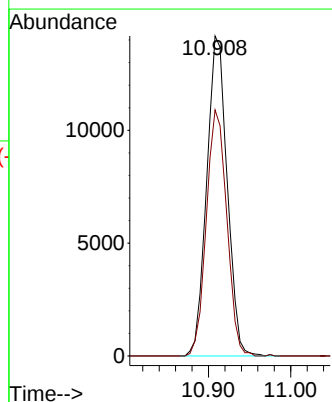
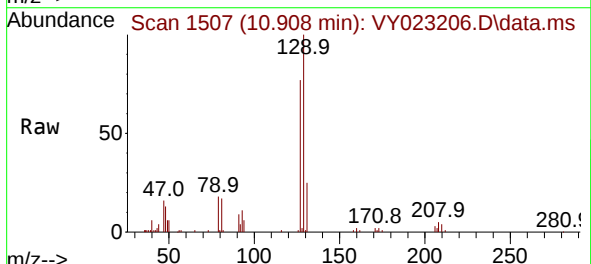
Manual Integrations
APPROVED

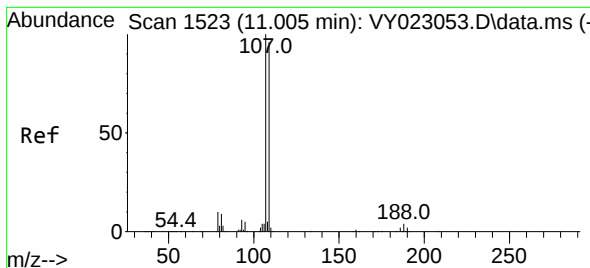
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#60
Dibromochloromethane
Concen: 7.547 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

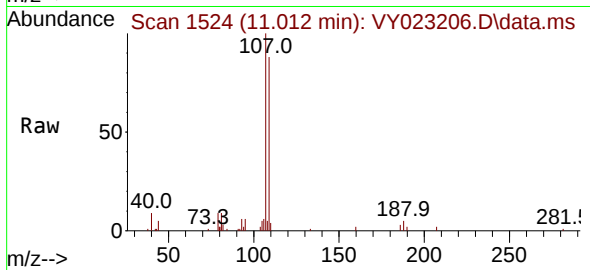
Tgt Ion:129 Resp: 24535
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61
1,2-Dibromoethane
Concen: 7.227 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

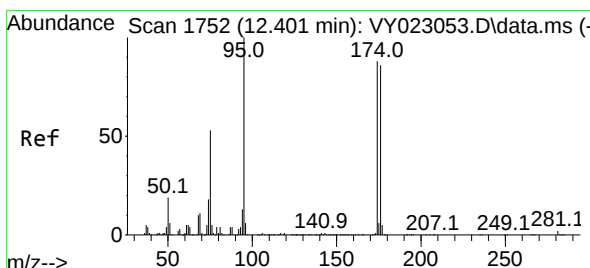
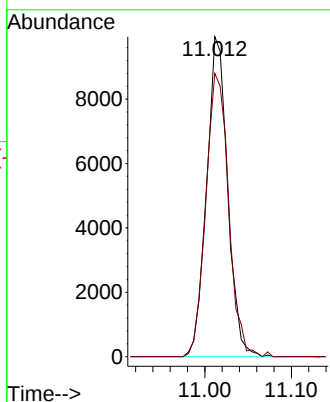
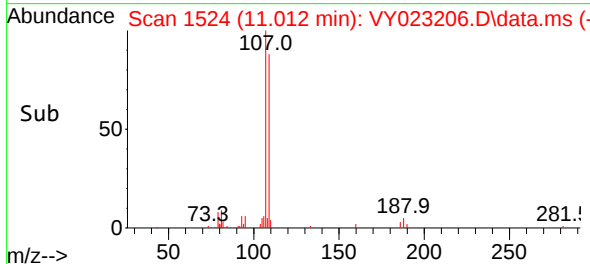
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:107 Resp: 16738
Ion Ratio Lower Upper
107 100
109 95.9 75.6 113.4

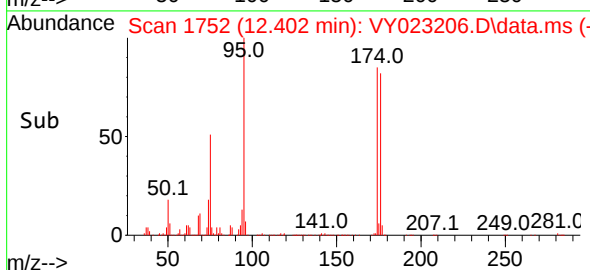
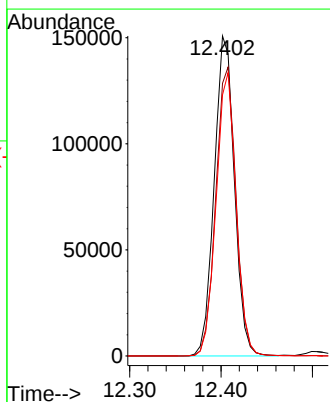
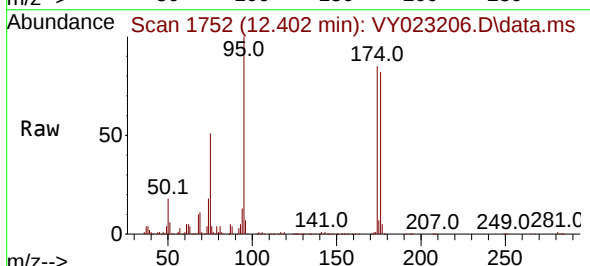
Manual Integrations
APPROVED

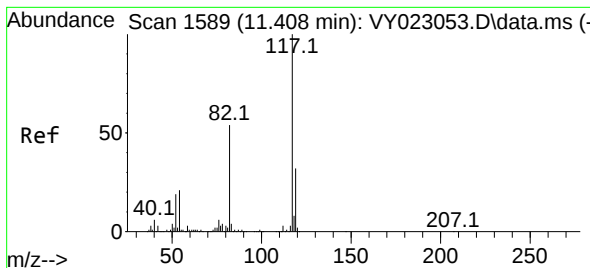
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#62
4-Bromofluorobenzene
Concen: 60.487 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

Tgt Ion: 95 Resp: 231298
Ion Ratio Lower Upper
95 100
174 90.9 0.0 171.6
176 87.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023206.D

Acq: 25 Aug 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

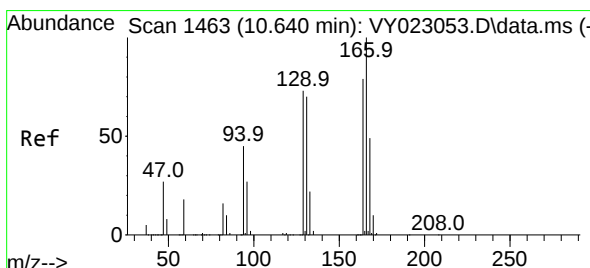
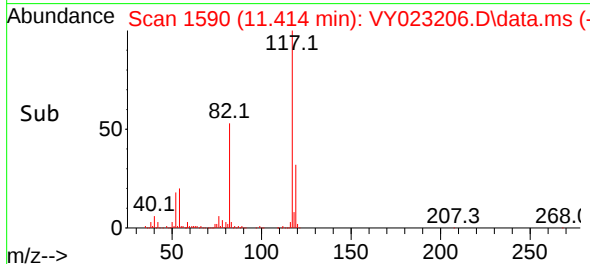
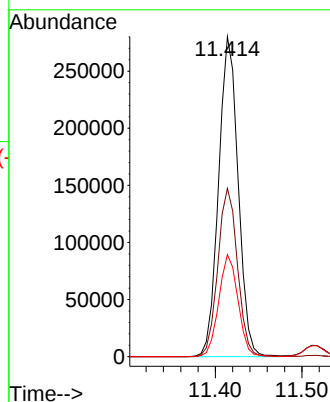
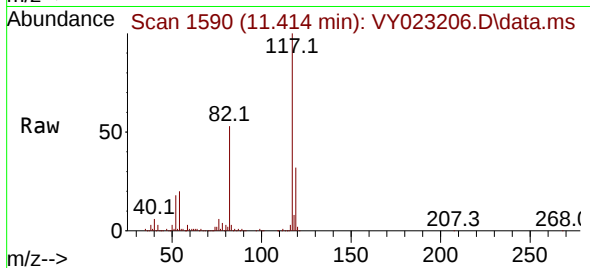
LOQ-SOIL-02-QT3-2025

Tgt Ion:117	Resp: 43969
Ion Ratio	Lower Upper
117 100	
82 52.6	43.4 65.0
119 31.9	25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#64

Tetrachloroethene

Concen: 7.792 ug/l

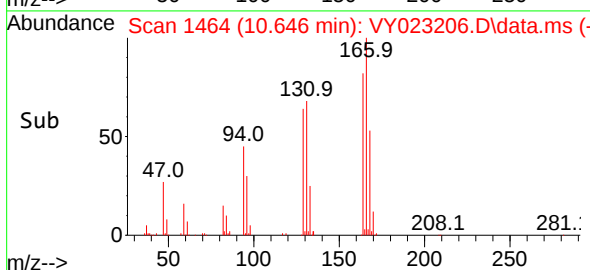
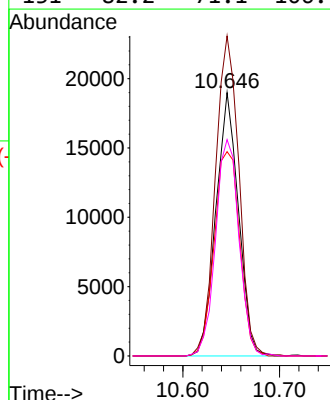
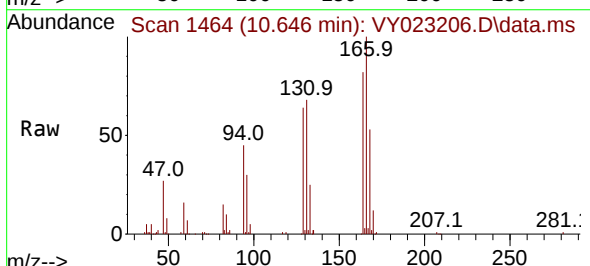
RT: 10.646 min Scan# 1464

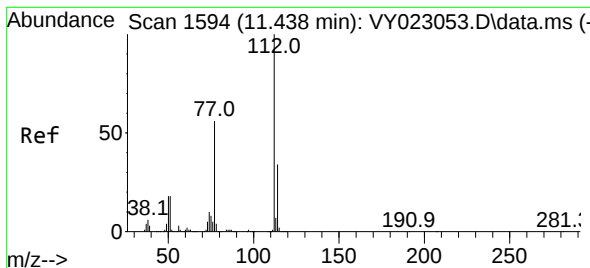
Delta R.T. 0.006 min

Lab File: VY023206.D

Acq: 25 Aug 2025 11:56

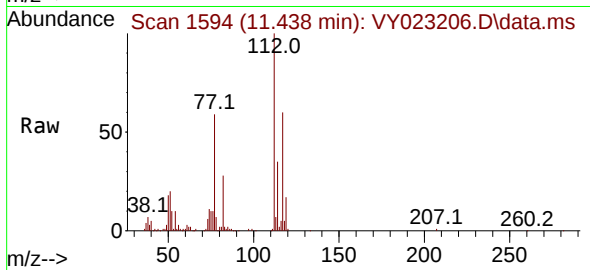
Tgt Ion:164	Resp: 30593
Ion Ratio	Lower Upper
164 100	
166 121.5	101.1 151.7
129 77.6	74.0 111.0
131 82.2	71.1 106.7





#65
Chlorobenzene
Concen: 7.267 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

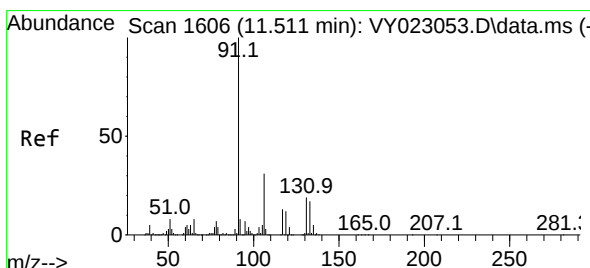
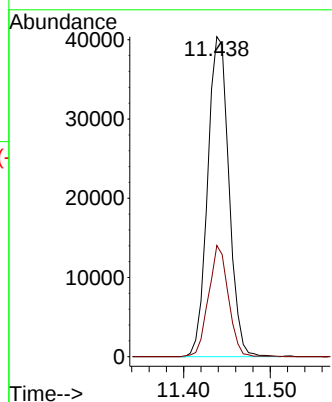
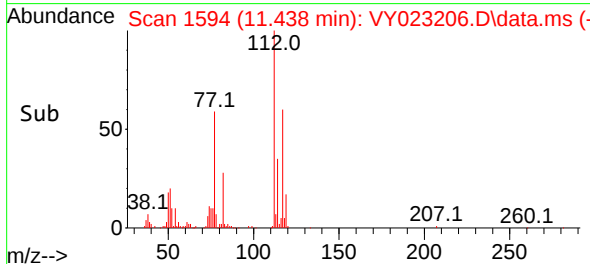
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



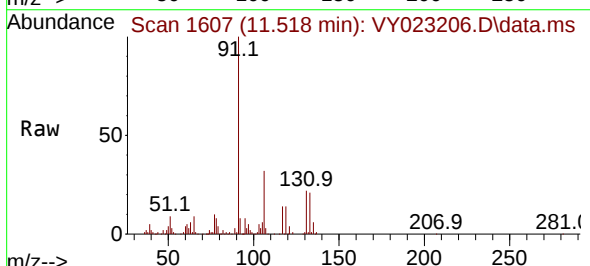
Tgt Ion:112 Resp: 68924
Ion Ratio Lower Upper
112 100
114 34.7 27.0 40.4

Manual Integrations
APPROVED

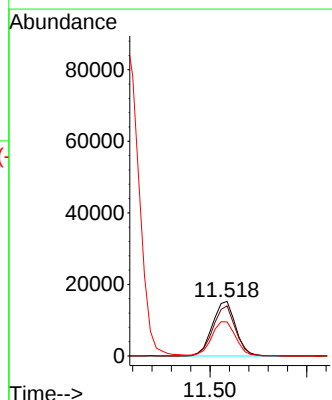
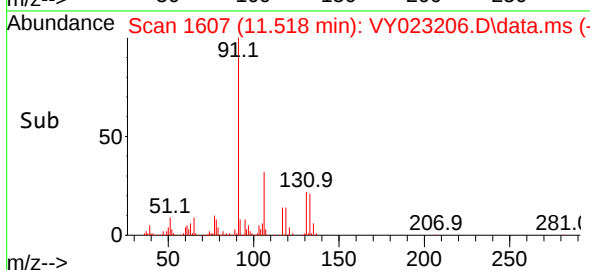
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

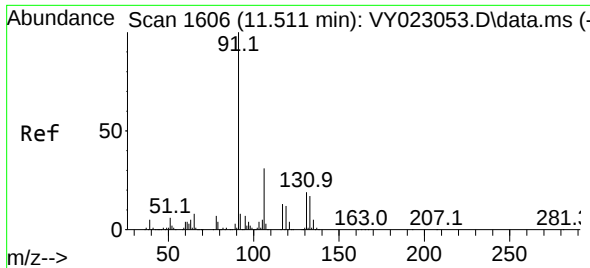


#66
1,1,1,2-Tetrachloroethane
Concen: 7.893 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56



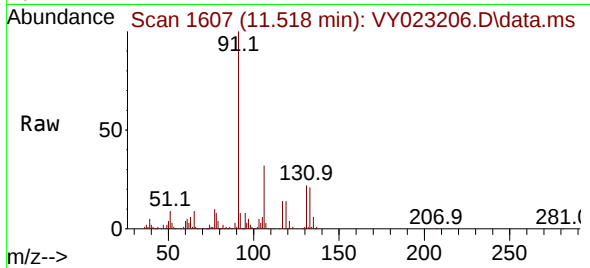
Tgt Ion:131 Resp: 25406
Ion Ratio Lower Upper
131 100
133 89.5 46.9 140.6
119 63.9 33.2 99.6





#67
Ethyl Benzene
Concen: 6.504 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

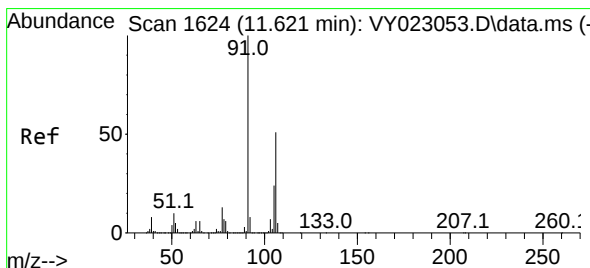
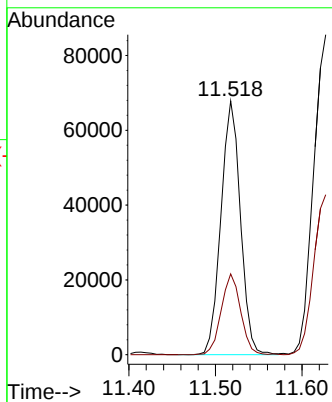
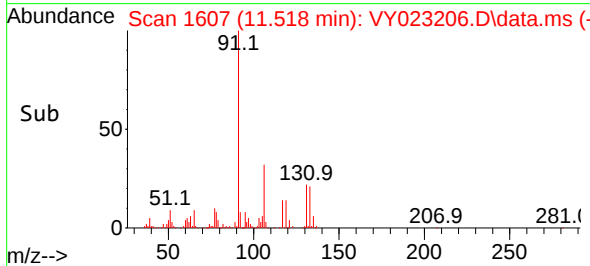
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 91 Resp: 10616
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.4

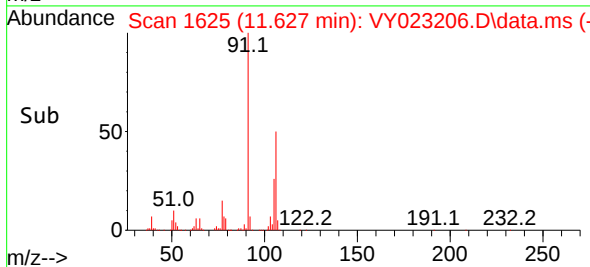
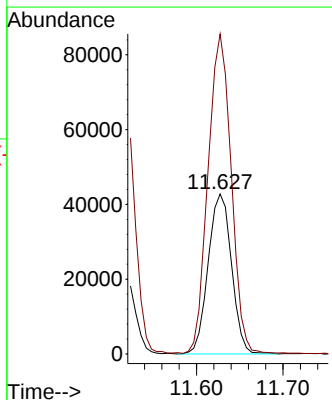
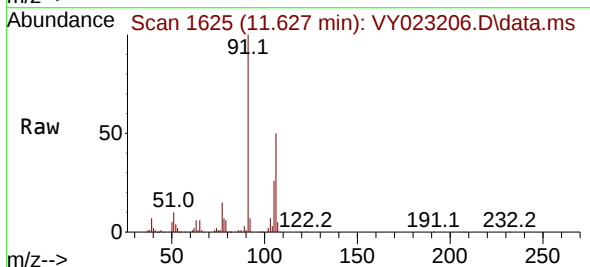
Manual Integrations
APPROVED

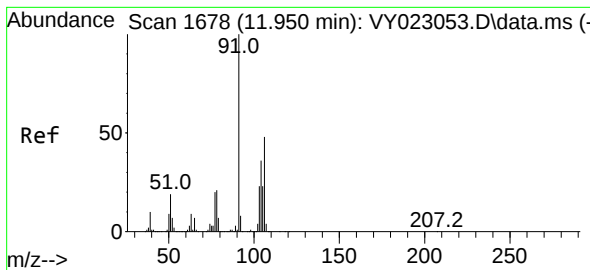
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#68
m/p-Xylenes
Concen: 12.581 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

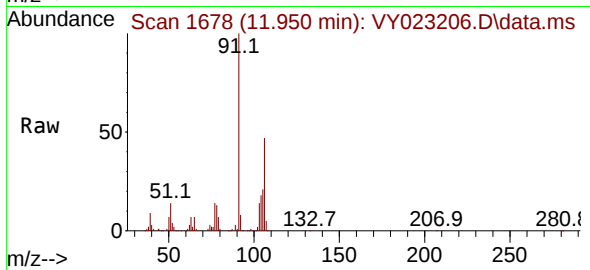
Tgt Ion:106 Resp: 80195
Ion Ratio Lower Upper
106 100
91 199.0 158.6 238.0





#69
o-Xylene
Concen: 6.484 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

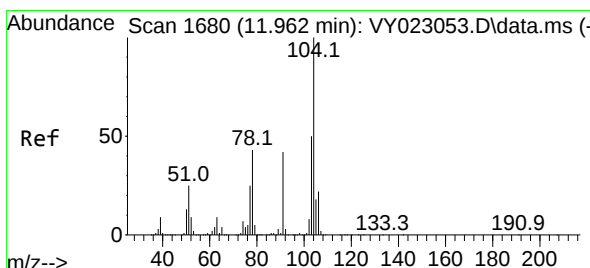
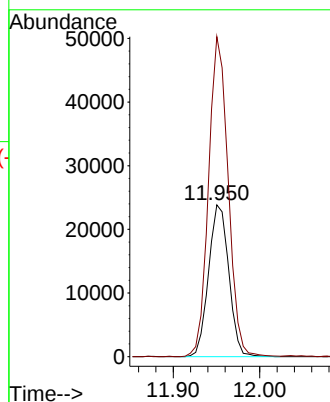
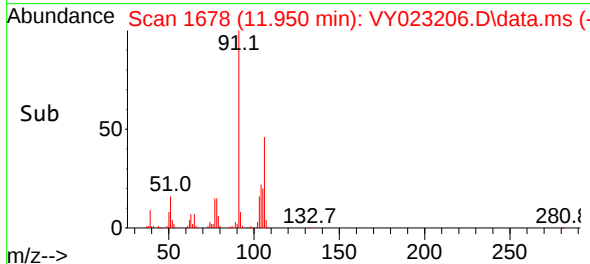
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2025



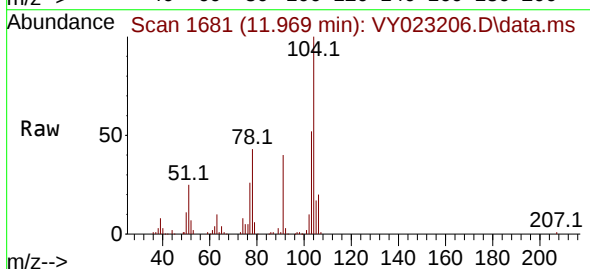
Tgt Ion:106 Resp: 3871
Ion Ratio Lower Upper
106 100
91 204.3 103.2 309.4

Manual Integrations
APPROVED

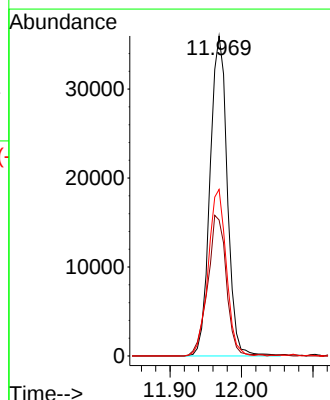
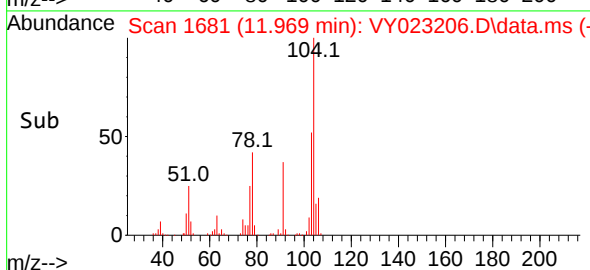
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#70
Styrene
Concen: 6.183 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56



Tgt Ion:104 Resp: 60372
Ion Ratio Lower Upper
104 100
78 47.6 38.5 57.7
103 54.8 43.7 65.5





#71

Bromoform

Concen: 7.876 ug/l

RT: 12.127 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VY023206.D

Acq: 25 Aug 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

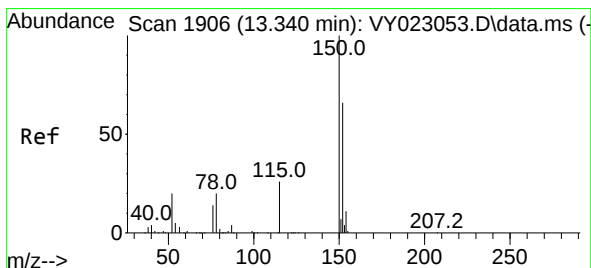
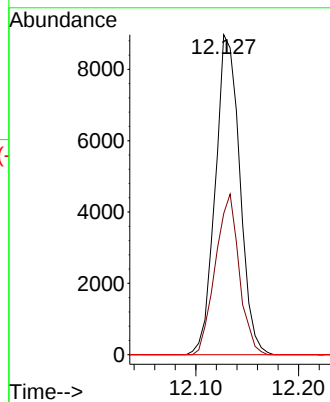
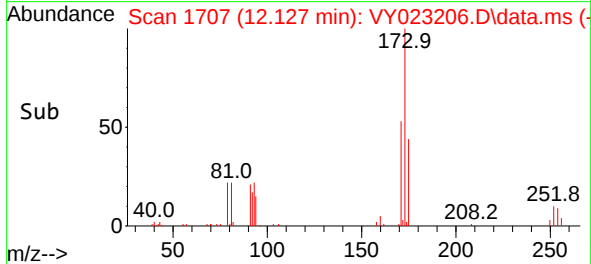
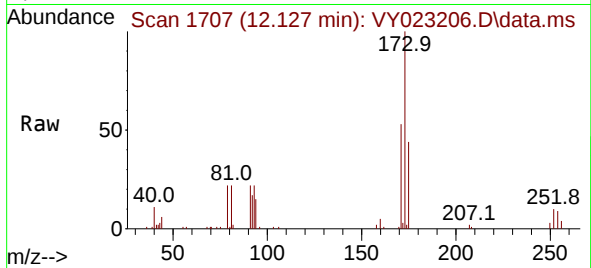
LOQ-SOIL-02-QT3-2025

Tgt Ion:	173	Resp:	1481
Ion Ratio	Lower	Upper	
173	100		
175	48.9	23.9	71.7
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

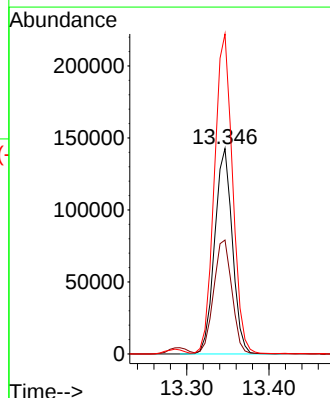
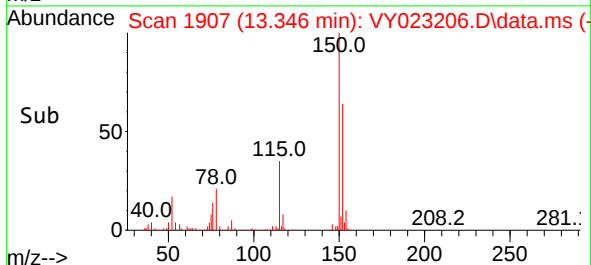
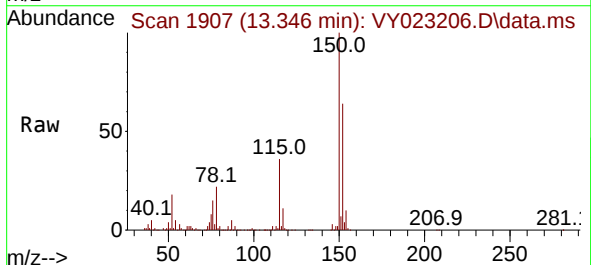
RT: 13.346 min Scan# 1907

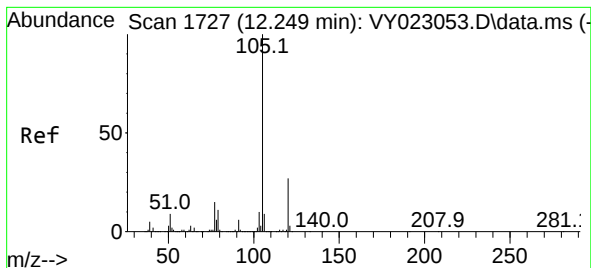
Delta R.T. 0.006 min

Lab File: VY023206.D

Acq: 25 Aug 2025 11:56

Tgt Ion:	152	Resp:	212956
Ion Ratio	Lower	Upper	
152	100		
115	57.3	28.2	84.6
150	160.1	0.0	348.0





#73

Isopropylbenzene

Concen: 6.416 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023206.D

Acq: 25 Aug 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2025

Tgt Ion:105 Resp: 9643

Ion Ratio Lower Upper

105 100

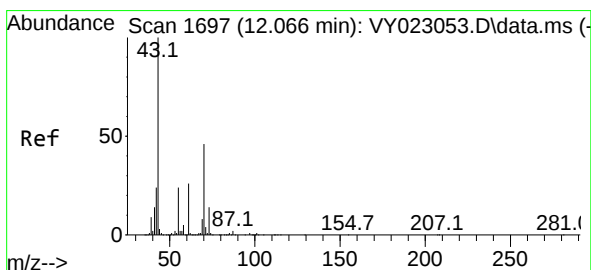
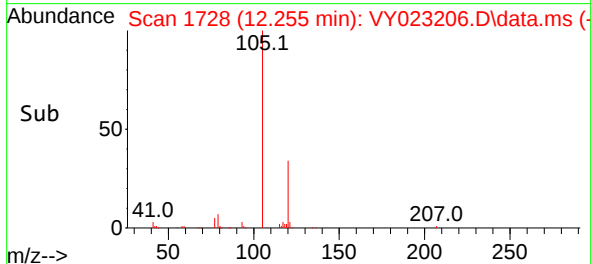
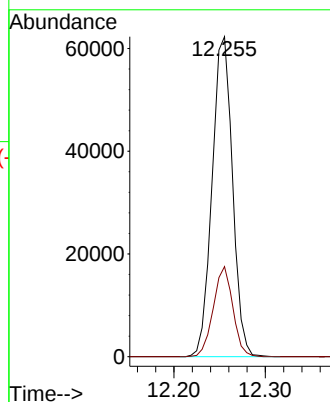
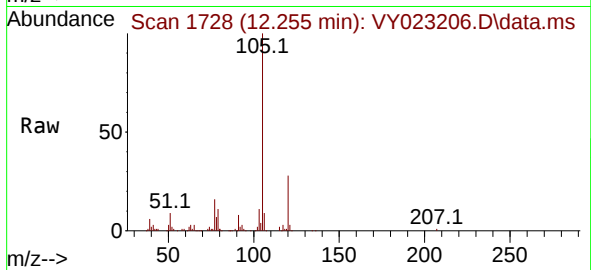
120 27.0 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#74

N-ethyl acetate

Concen: 5.549 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023206.D

Acq: 25 Aug 2025 11:56

Tgt Ion: 43 Resp: 17687

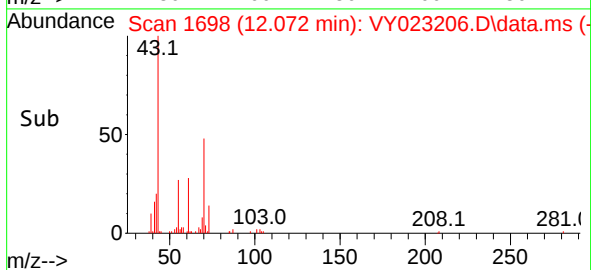
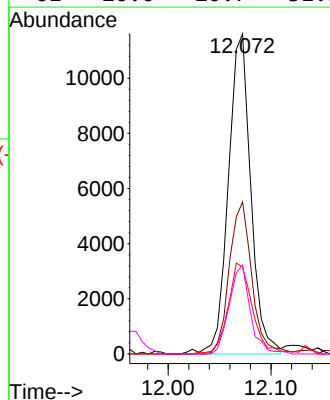
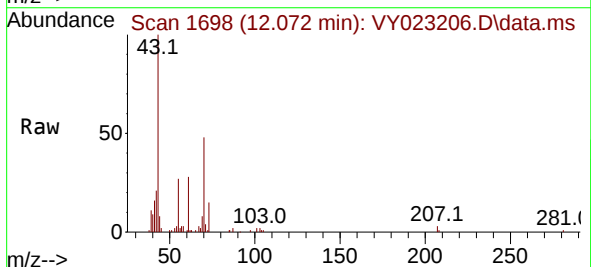
Ion Ratio Lower Upper

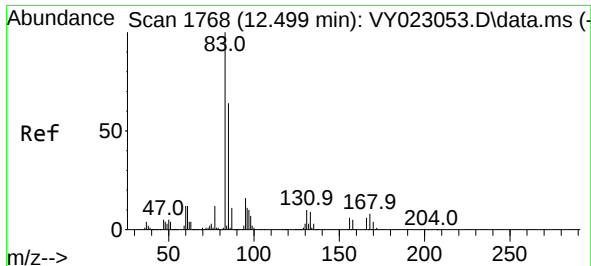
43 100

70 47.6 37.5 56.3

55 30.8 20.7 31.1

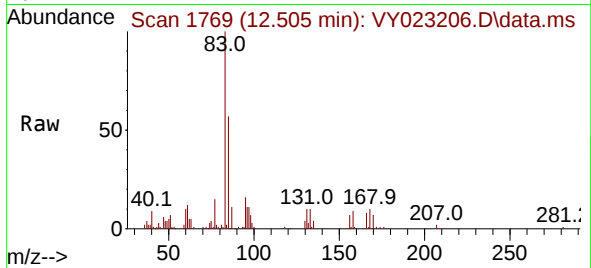
61 26.0 20.7 31.1





#75
1,1,2,2-Tetrachloroethane
Concen: 7.886 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

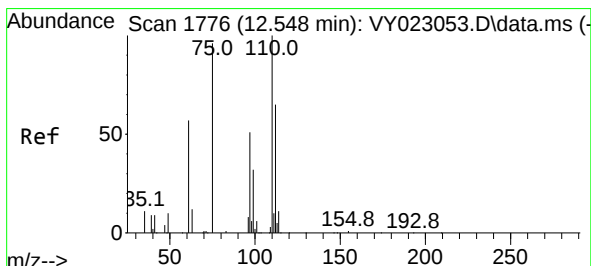
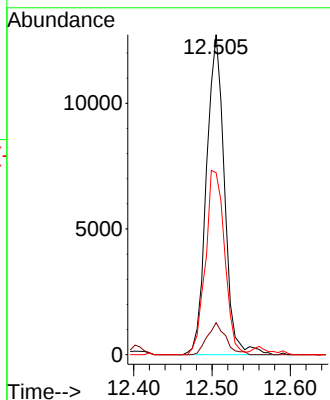
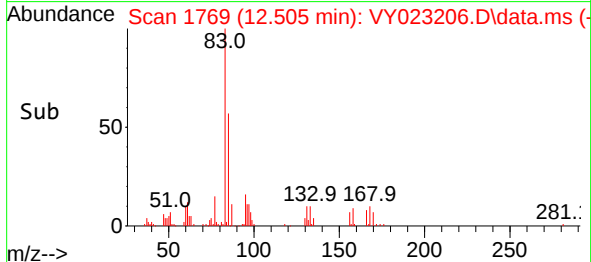
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2025



Tgt Ion: 83 Resp: 20238
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 61.4 31.8 95.3

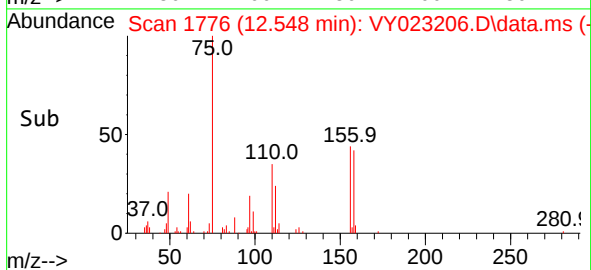
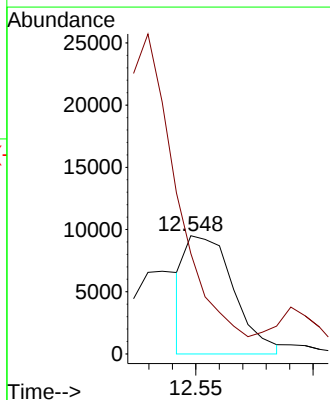
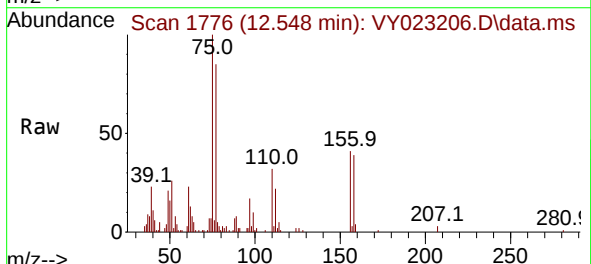
Manual Integrations
APPROVED

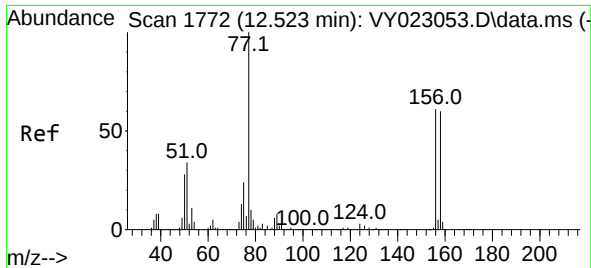
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#76
1,2,3-Trichloropropane
Concen: 6.572 ug/l m
RT: 12.548 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

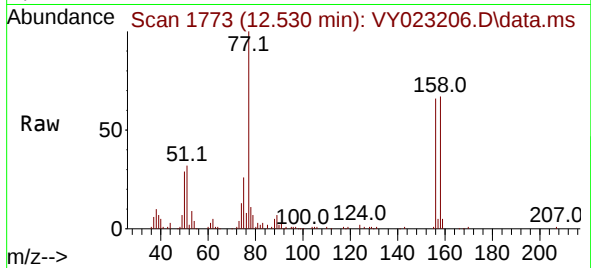
Tgt Ion: 75 Resp: 13507
Ion Ratio Lower Upper
75 100
77 337.1 0.0 0.0#





#77
Bromobenzene
Concen: 7.533 ug/l
RT: 12.530 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

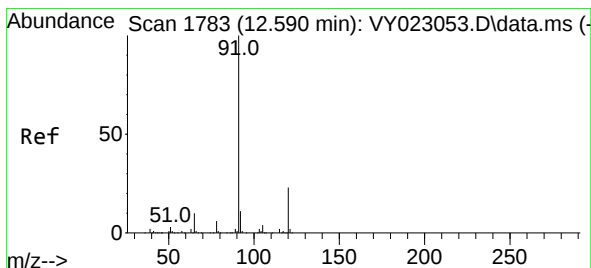
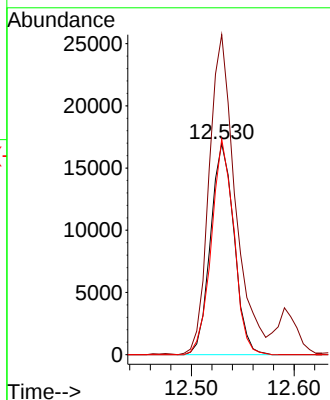
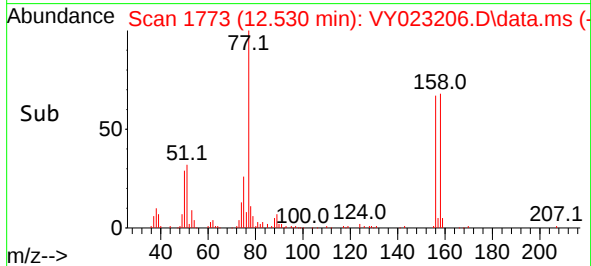
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:156 Resp: 27010
Ion Ratio Lower Upper
156 100
77 168.6 88.1 264.4
158 97.2 48.0 144.0

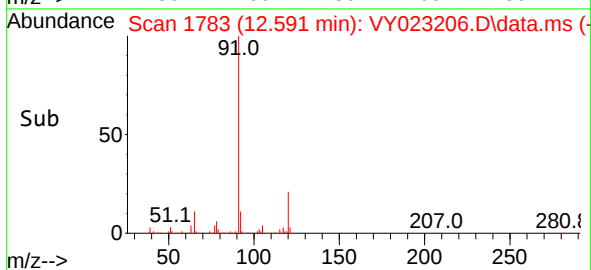
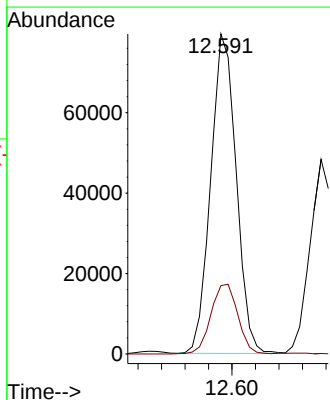
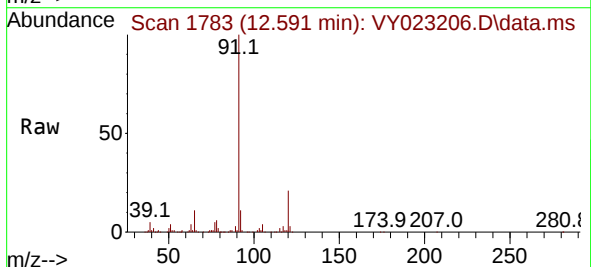
Manual Integrations
APPROVED

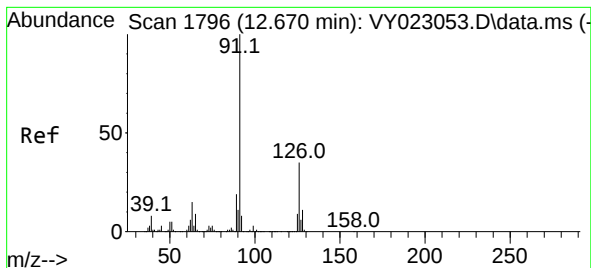
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#78
n-propylbenzene
Concen: 6.695 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

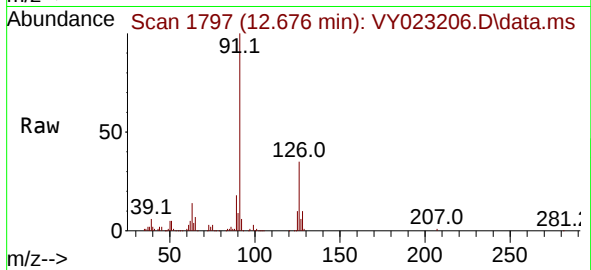
Tgt Ion: 91 Resp: 119804
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.5





#79
2-Chlorotoluene
Concen: 6.993 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

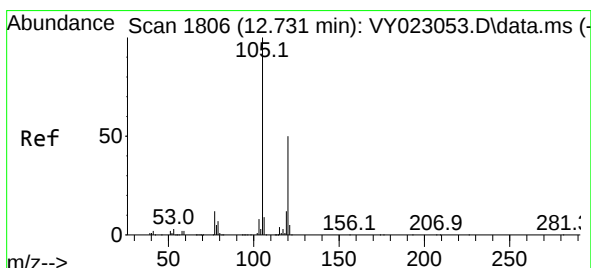
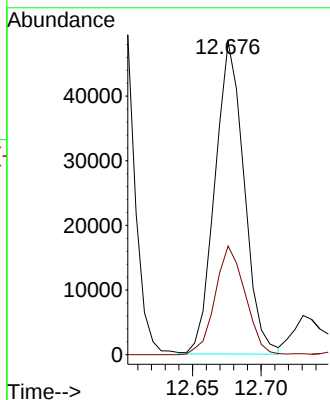
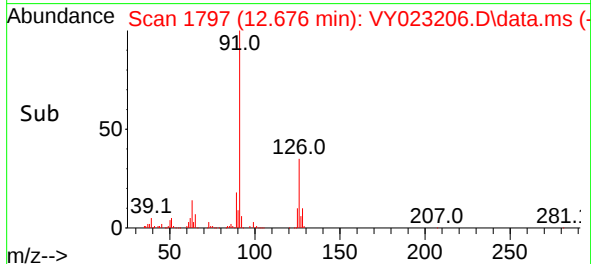
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



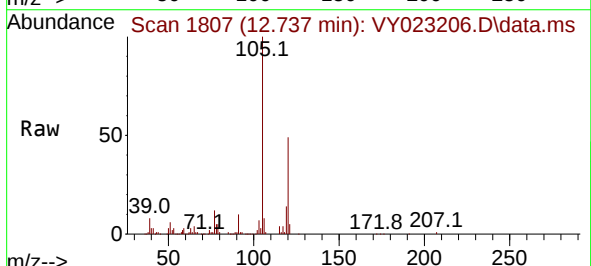
Tgt Ion: 91 Resp: 71702
Ion Ratio Lower Upper
91 100
126 35.8 17.4 52.3

Manual Integrations
APPROVED

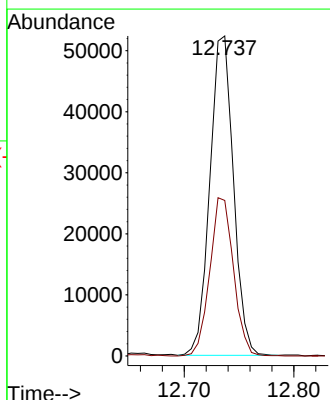
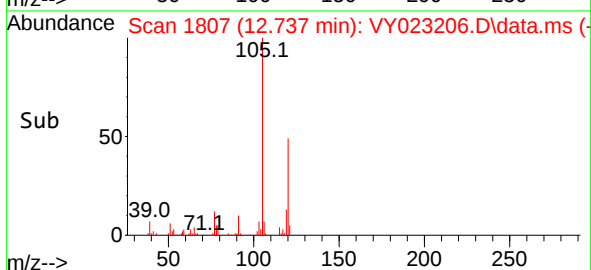
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

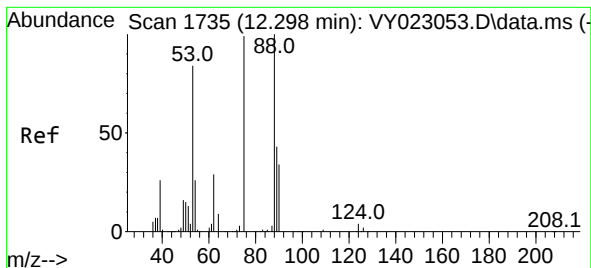


#80
1,3,5-Trimethylbenzene
Concen: 6.434 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56



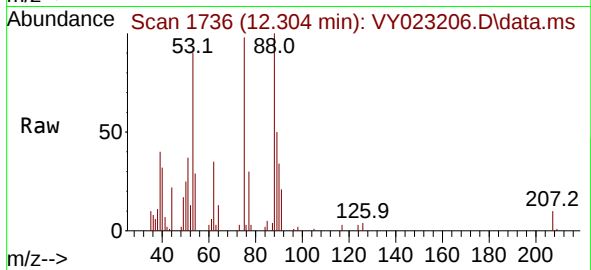
Tgt Ion:105 Resp: 78151
Ion Ratio Lower Upper
105 100
120 49.9 24.8 74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 6.648 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

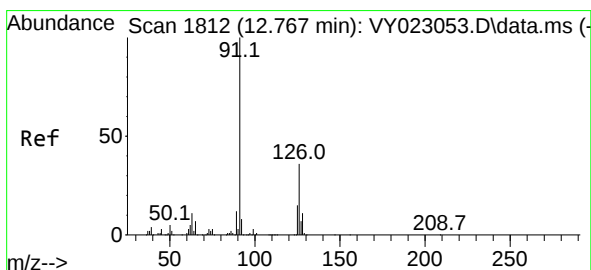
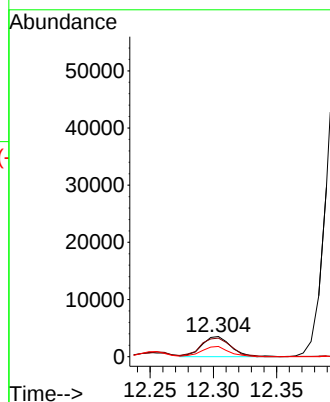
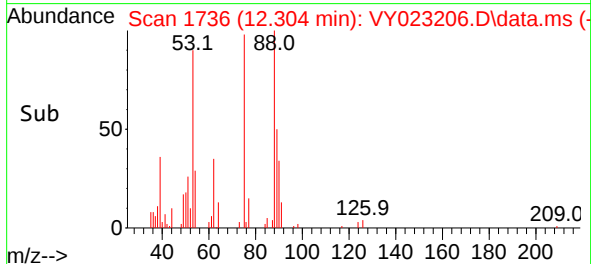
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2025



Tgt Ion: 75 Resp: 5644
Ion Ratio Lower Upper
75 100
53 97.2 70.8 106.2
89 47.2 38.1 57.1

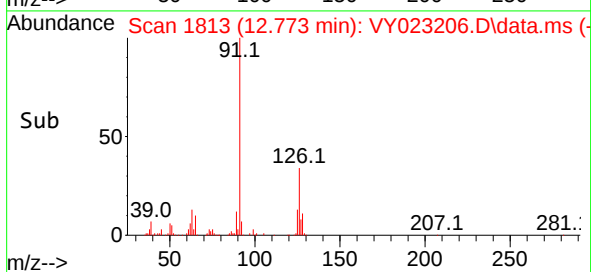
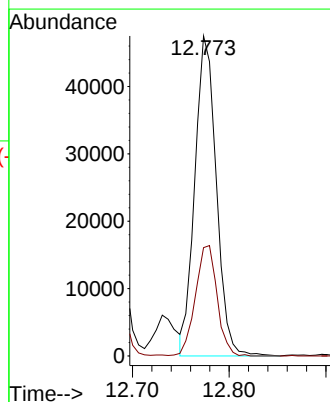
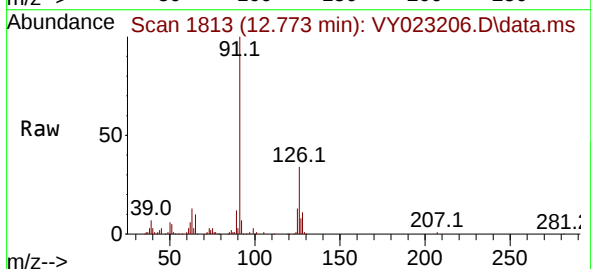
Manual Integrations
APPROVED

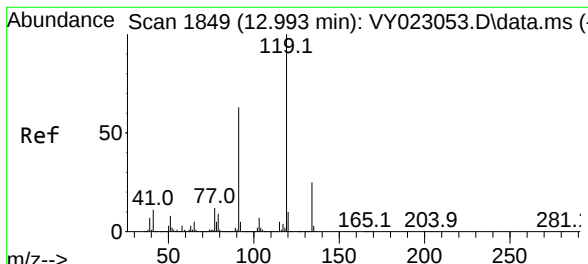
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#82
4-Chlorotoluene
Concen: 6.902 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

Tgt Ion: 91 Resp: 73405
Ion Ratio Lower Upper
91 100
126 34.9 17.3 52.0



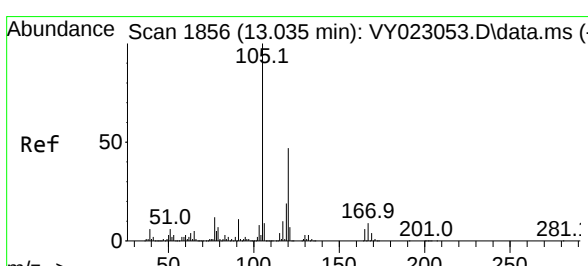
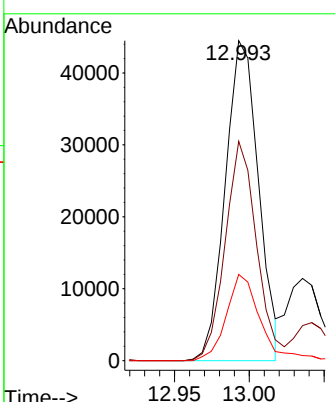
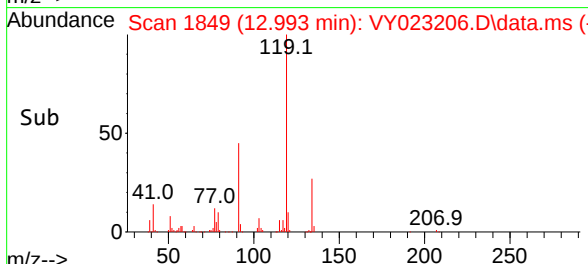
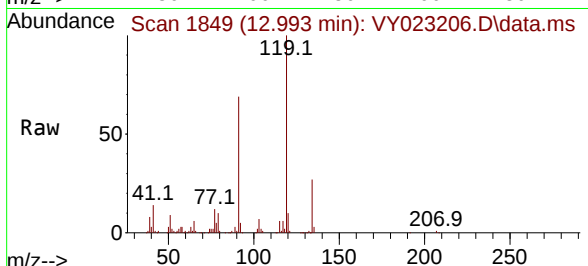


#83
 tert-Butylbenzene
 Concen: 6.267 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VY023206.D
 Acq: 25 Aug 2025 11:56

Instrument : MSVOA_Y
 ClientSampleId : LOQ-SOIL-02-QT3-2025

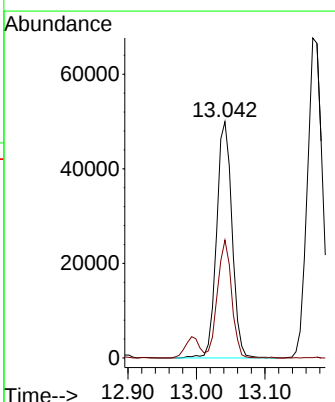
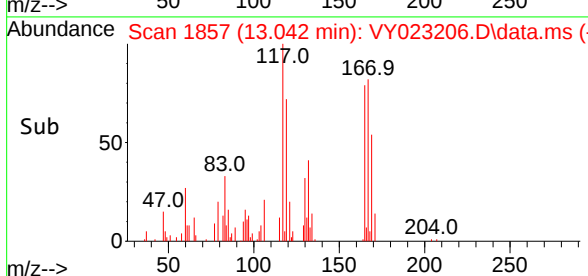
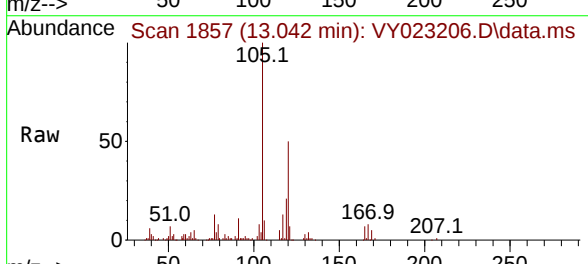
Tgt Ion:	119	Resp:	6875
Ion Ratio	Lower	Upper	
119	100		
91	65.2	31.6	94.8
134	27.7	12.9	38.7

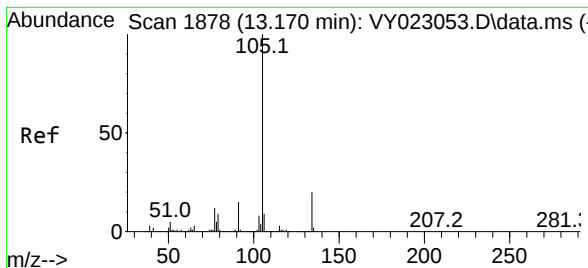
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 6.422 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.006 min
 Lab File: VY023206.D
 Acq: 25 Aug 2025 11:56

Tgt Ion:	105	Resp:	77656
Ion Ratio	Lower	Upper	
105	100		
120	45.8	23.0	69.0





#85

sec-Butylbenzene

Concen: 6.446 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY023206.D

Acq: 25 Aug 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2025

Tgt Ion:105 Resp: 103892

Ion Ratio Lower Upper

105 100

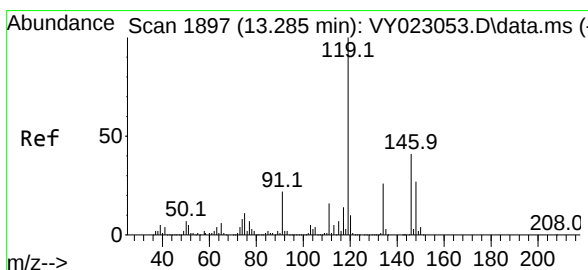
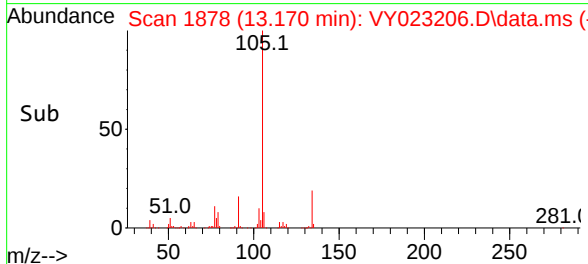
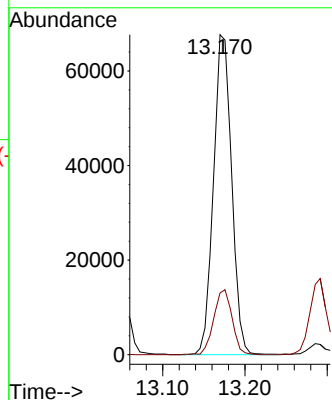
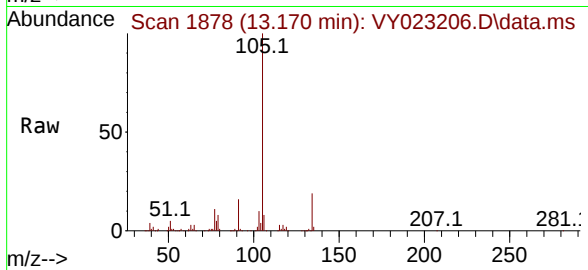
134 20.5 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#86

p-Isopropyltoluene

Concen: 6.203 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023206.D

Acq: 25 Aug 2025 11:56

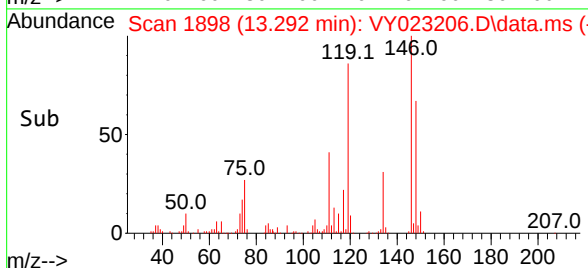
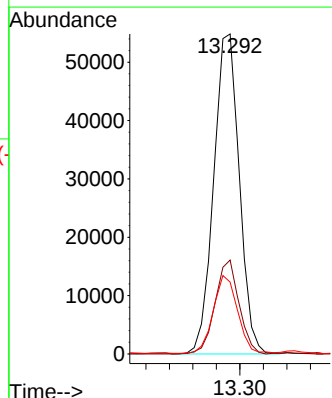
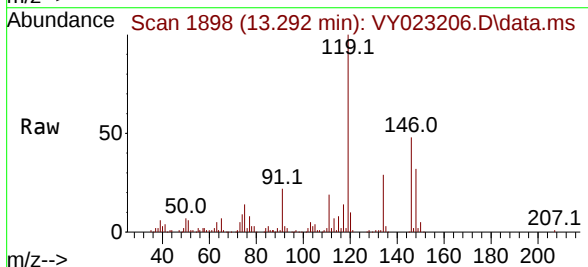
Tgt Ion:119 Resp: 82982

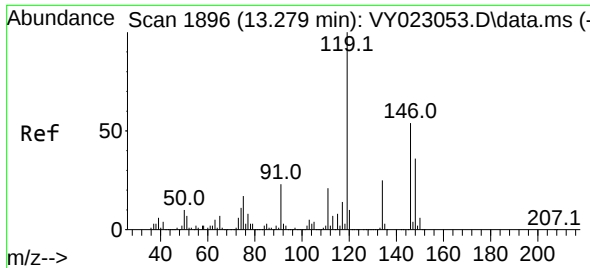
Ion Ratio Lower Upper

119 100

134 27.4 13.2 39.6

91 22.9 11.3 33.8





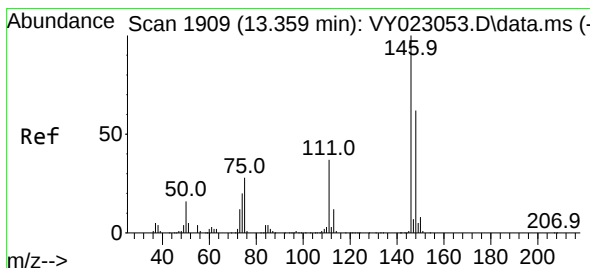
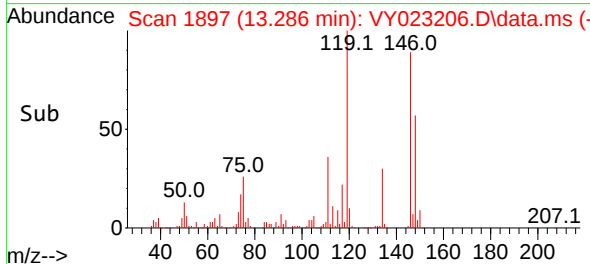
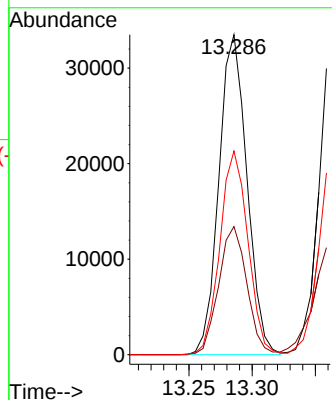
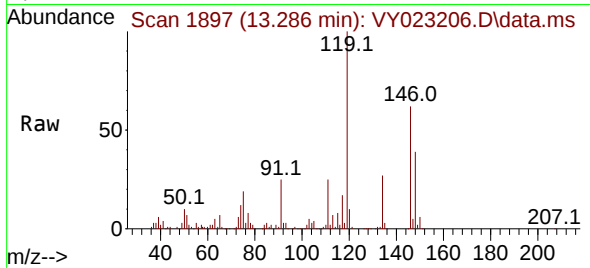
#87
1,3-Dichlorobenzene
Concen: 7.305 ug/l
RT: 13.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion:146 Resp: 51654
Ion Ratio Lower Upper
146 100
111 40.3 19.6 58.7
148 63.7 32.5 97.5

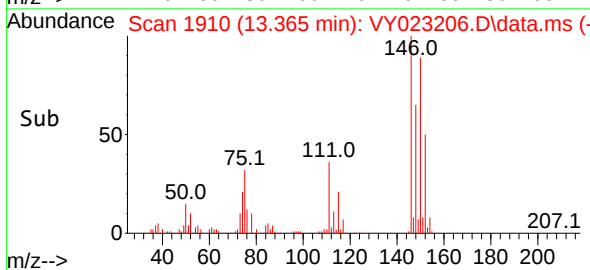
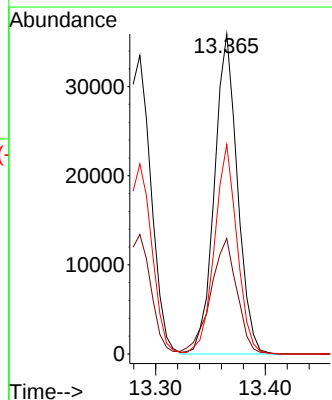
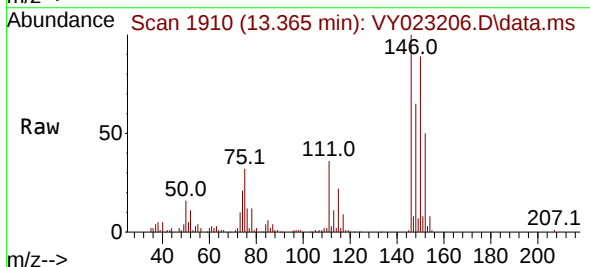
Manual Integrations
APPROVED

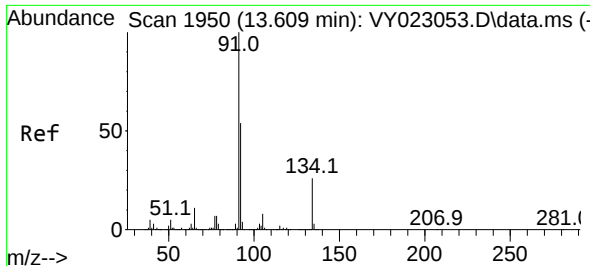
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#88
1,4-Dichlorobenzene
Concen: 7.473 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

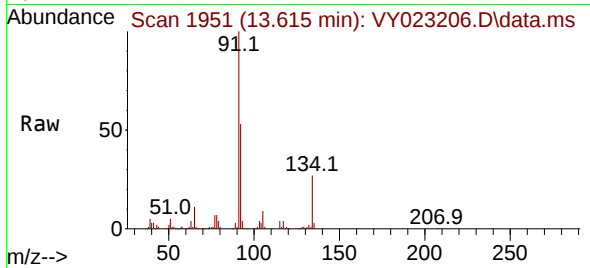
Tgt Ion:146 Resp: 52417
Ion Ratio Lower Upper
146 100
111 41.4 19.1 57.1
148 64.2 31.6 94.7





#89
n-Butylbenzene
Concen: 6.180 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

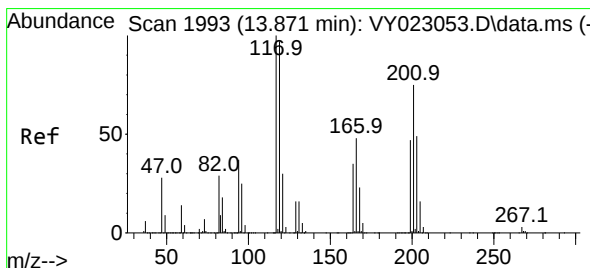
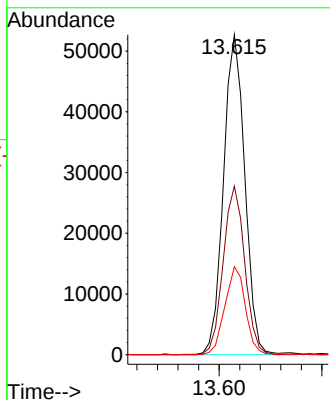
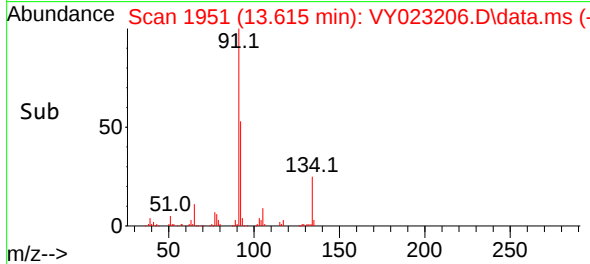
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2025



Tgt Ion: 91 Resp: 7593
Ion Ratio Lower Upper
91 100
92 53.0 26.9 80.7
134 26.4 13.2 39.5

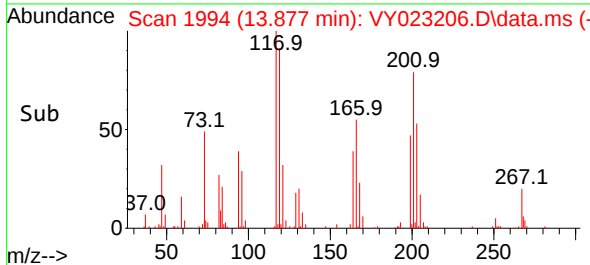
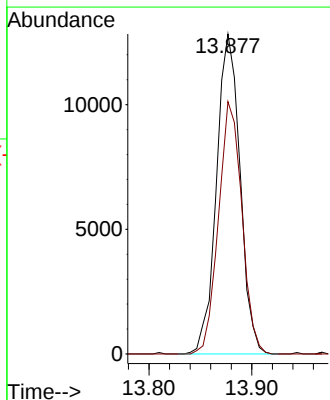
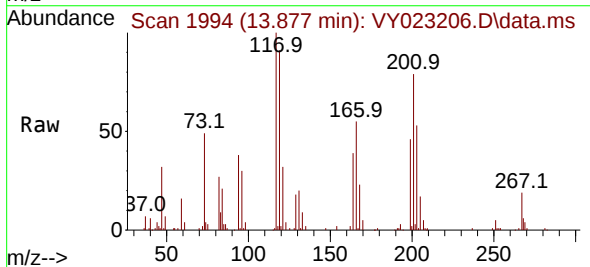
Manual Integrations
APPROVED

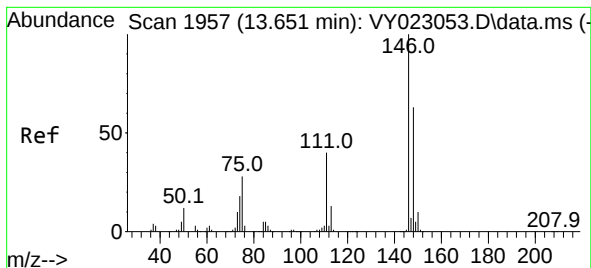
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#90
Hexachloroethane
Concen: 7.447 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

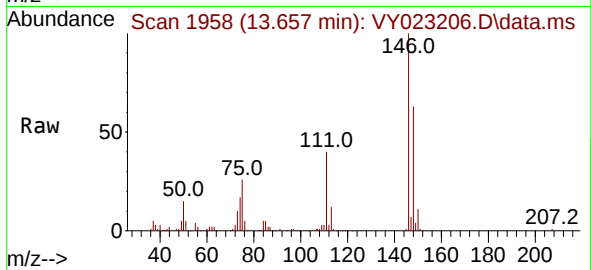
Tgt Ion:117 Resp: 20393
Ion Ratio Lower Upper
117 100
201 78.2 38.4 115.1





#91
1,2-Dichlorobenzene
Concen: 7.453 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

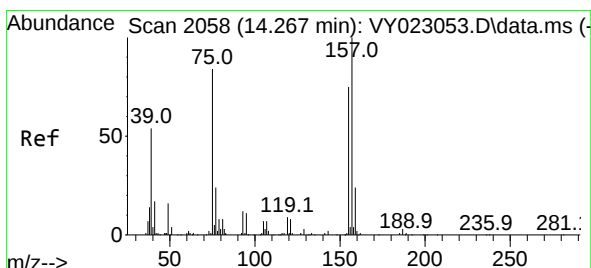
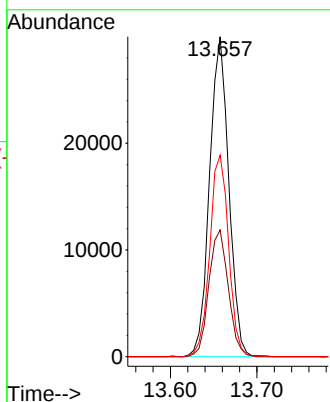
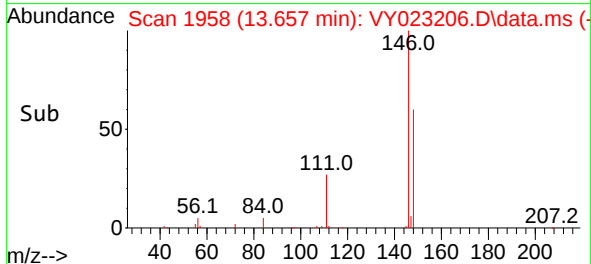
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:146 Resp: 46218
Ion Ratio Lower Upper
146 100
111 40.0 20.3 60.8
148 61.8 32.2 96.6

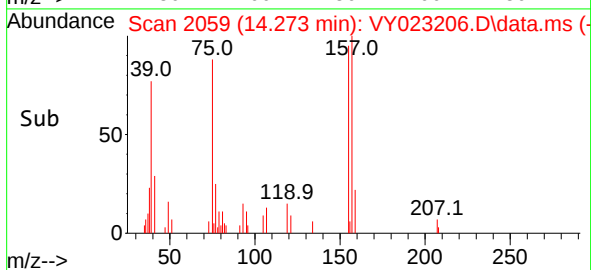
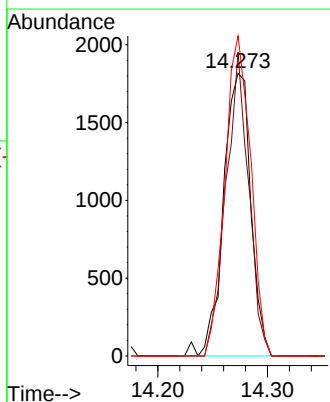
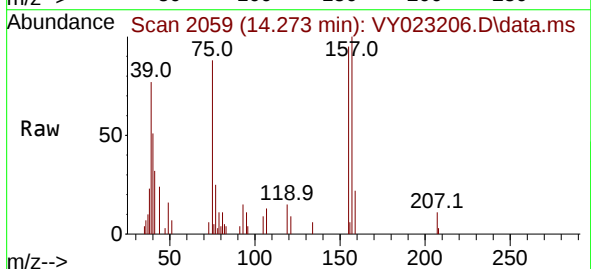
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 7.868 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

Tgt Ion: 75 Resp: 3144
Ion Ratio Lower Upper
75 100
155 89.3 43.9 131.6
157 106.7 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 6.648 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023206.D

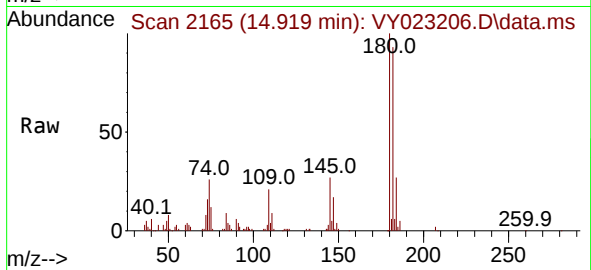
Acq: 25 Aug 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2025

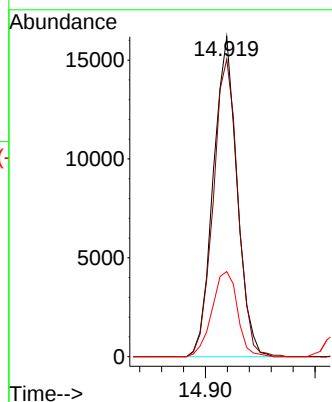
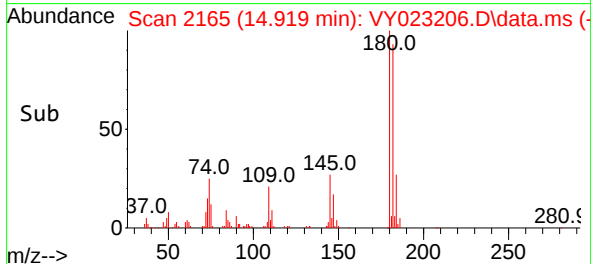


Tgt Ion:	180	Resp:	2438
Ion Ratio	Lower	Upper	
180	100		
182	95.9	46.8	140.4
145	28.5	14.4	43.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#94

Hexachlorobutadiene

Concen: 7.736 ug/l

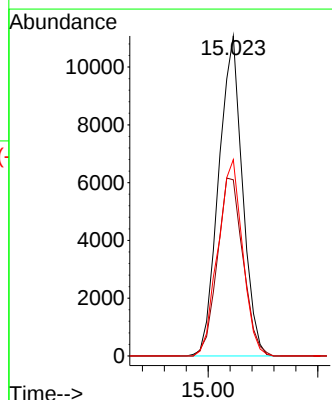
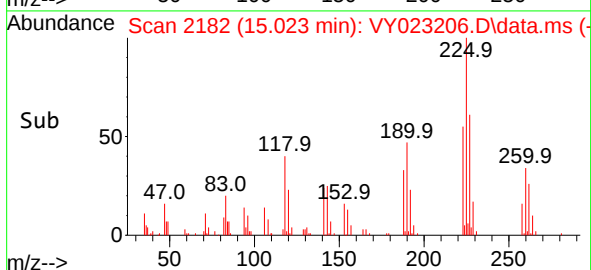
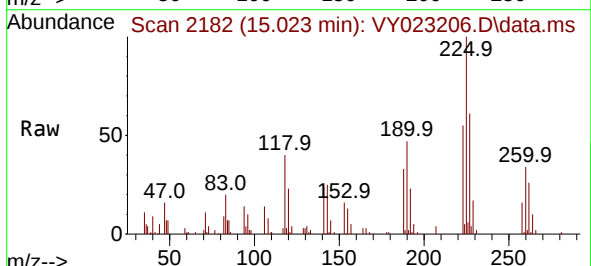
RT: 15.023 min Scan# 2182

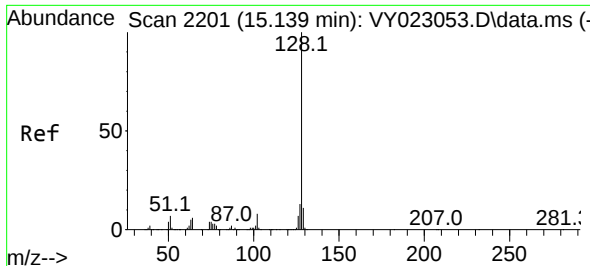
Delta R.T. 0.006 min

Lab File: VY023206.D

Acq: 25 Aug 2025 11:56

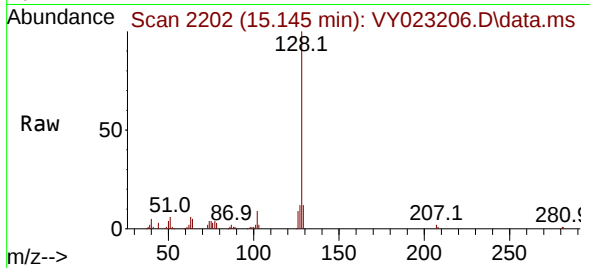
Tgt Ion:	225	Resp:	16671
Ion Ratio	Lower	Upper	
225	100		
223	60.3	31.3	93.8
227	63.2	31.5	94.5





#95
Naphthalene
Concen: 5.489 ug/l
RT: 15.145 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

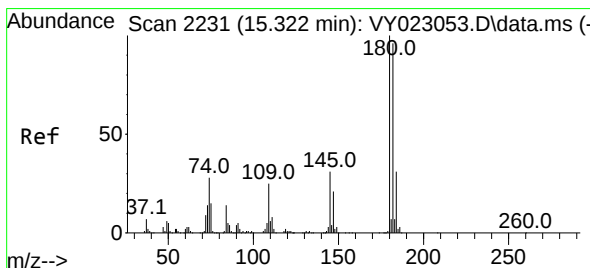
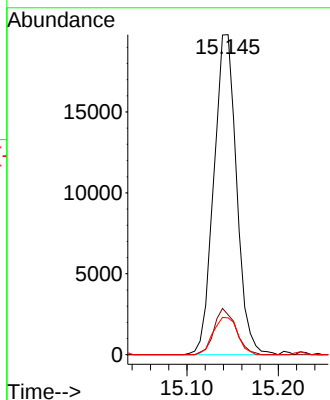
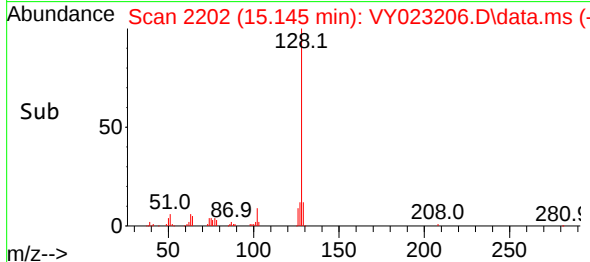
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:128 Resp: 34324
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 12.5 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 6.721 ug/l
RT: 15.322 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY023206.D
Acq: 25 Aug 2025 11:56

Tgt Ion:180 Resp: 21239
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.7
145 31.4 15.9 47.7

