

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082225\
 Data File : VY023189.D
 Acq On : 22 Aug 2025 13:31
 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 25 05:15:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	437778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	720859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	615924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	293369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	213415	51.150	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.300%			
35) Dibromofluoromethane	7.634	113	224428	52.031	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.060%			
50) Toluene-d8	10.109	98	834993	49.553	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.100%			
62) 4-Bromofluorobenzene	12.408	95	246695	45.523	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	20925	5.856	ug/l	100
3) Chloromethane	2.068	50	34584	5.975	ug/l	93
4) Vinyl Chloride	2.202	62	42891	5.995	ug/l	97
5) Bromomethane	2.598	94	36600	6.850	ug/l	100
6) Chloroethane	2.739	64	28338	5.958	ug/l	97
7) Trichlorofluoromethane	3.062	101	47666	5.479	ug/l	95
8) Diethyl Ether	3.458	74	15067	6.546	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	25882	6.030	ug/l	96
10) Methyl Iodide	4.007	142	22776	4.918	ug/l	99
11) Tert butyl alcohol	4.866	59	6291m	22.005	ug/l	
12) 1,1-Dichloroethene	3.793	96	24221	5.741	ug/l	90
13) Acrolein	3.659	56	7092	16.939	ug/l	96
14) Allyl chloride	4.385	41	29936	4.823	ug/l	98
15) Acrylonitrile	5.061	53	23773	25.406	ug/l	95
16) Acetone	3.873	43	23932	26.476	ug/l	96
17) Carbon Disulfide	4.104	76	75491	5.488	ug/l	97
18) Methyl Acetate	4.391	43	13587	5.051	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	53282	4.874	ug/l	98
20) Methylene Chloride	4.622	84	59675	10.561	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	26357	5.560	ug/l	92
22) Diisopropyl ether	6.019	45	64743	4.800	ug/l #	89
23) Vinyl Acetate	5.964	43	162694	21.813	ug/l	96
24) 1,1-Dichloroethane	5.909	63	45340	5.498	ug/l	98
25) 2-Butanone	6.903	43	28710	23.354	ug/l	98
26) 2,2-Dichloropropane	6.884	77	40167	5.645	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	30168	5.504	ug/l	94
28) Bromochloromethane	7.250	49	16958	5.183	ug/l	99
29) Tetrahydrofuran	7.262	42	17078	22.411	ug/l	98
30) Chloroform	7.427	83	48645	5.719	ug/l	93
31) Cyclohexane	7.707	56	43923	5.652	ug/l #	84
32) 1,1,1-Trichloroethane	7.622	97	42836	5.676	ug/l	98
36) 1,1-Dichloropropene	7.835	75	33791	5.271	ug/l	98
37) Ethyl Acetate	6.988	43	12029	4.467	ug/l #	92
38) Carbon Tetrachloride	7.823	117	37681	5.412	ug/l	98
39) Methylcyclohexane	9.116	83	41435	4.908	ug/l	90
40) Benzene	8.085	78	106668	5.399	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	6931m	4.460	ug/l	
42) 1,2-Dichloroethane	8.165	62	26538	5.165	ug/l	100
43) Isopropyl Acetate	8.201	43	25460	4.678	ug/l #	84
44) Trichloroethene	8.866	130	28531	5.588	ug/l	97
45) 1,2-Dichloropropane	9.146	63	24657	5.424	ug/l	94
46) Dibromomethane	9.231	93	13592	5.209	ug/l	98
47) Bromodichloromethane	9.426	83	37063	5.520	ug/l	99
48) Methyl methacrylate	9.219	41	9516	3.654	ug/l #	81
49) 1,4-Dioxane	9.237	88	2692	87.990	ug/l #	93
51) 4-Methyl-2-Pentanone	10.000	43	58201	20.731	ug/l	98
52) Toluene	10.170	92	65199	5.196	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	29040	4.776	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	34221	4.760	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	18282	5.236	ug/l	96
56) Ethyl methacrylate	10.438	69	17872	4.000	ug/l	97
57) 1,3-Dichloropropane	10.713	76	30036	5.073	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	41835	19.851	ug/l	98
59) 2-Hexanone	10.762	43	36787	19.243	ug/l	97
60) Dibromochloromethane	10.914	129	24051	5.221	ug/l	100
61) 1,2-Dibromoethane	11.018	107	16815	5.124	ug/l	95
64) Tetrachloroethene	10.646	164	30047	5.463	ug/l	98
65) Chlorobenzene	11.438	112	71285	5.366	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	24673	5.472	ug/l	98
67) Ethyl Benzene	11.518	91	110596	4.837	ug/l	100
68) m/p-Xylenes	11.627	106	86470	9.684	ug/l	97
69) o-Xylene	11.950	106	39003	4.664	ug/l	96
70) Styrene	11.969	104	62987	4.605	ug/l	97
71) Bromoform	12.133	173	13584	5.155	ug/l #	97
73) Isopropylbenzene	12.255	105	101031	4.879	ug/l	100
74) N-amyl acetate	12.072	43	17194	3.916	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	19429	5.495	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	16082m	5.680	ug/l	
77) Bromobenzene	12.530	156	26846	5.435	ug/l	96
78) n-propylbenzene	12.591	91	124449	5.048	ug/l	99
79) 2-Chlorotoluene	12.676	91	72404	5.126	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	82882	4.953	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	5638	4.820	ug/l	96
82) 4-Chlorotoluene	12.773	91	75180	5.131	ug/l	100
83) tert-Butylbenzene	12.993	119	73675	4.875	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	80332	4.822	ug/l	99
85) sec-Butylbenzene	13.176	105	107944	4.862	ug/l	99
86) p-Isopropyltoluene	13.292	119	87972	4.774	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	53010	5.442	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	52144	5.396	ug/l	93
89) n-Butylbenzene	13.615	91	79859	4.718	ug/l	97
90) Hexachloroethane	13.877	117	21863	5.795	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	45376	5.311	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2729	4.958	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	23988	4.748	ug/l	97
94) Hexachlorobutadiene	15.023	225	15727	5.298	ug/l	96
95) Naphthalene	15.145	128	33094	3.842	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	20898	4.800	ug/l	97

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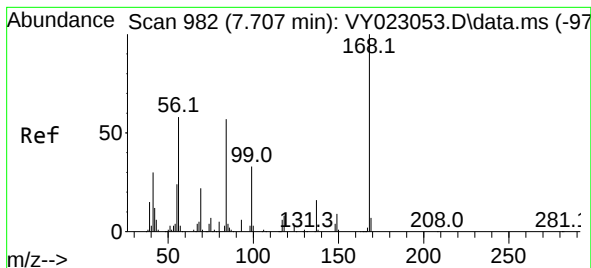
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
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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

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Instrument :

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ClientSampleId :

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Tgt Ion:168 Resp: 437778

Ion Ratio Lower Upper

168 100

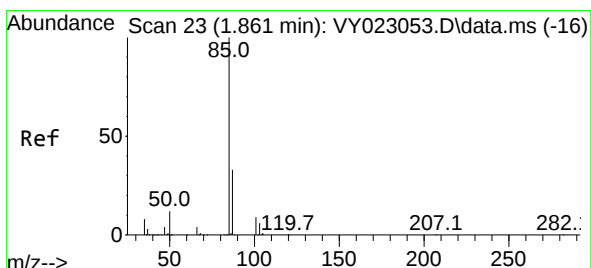
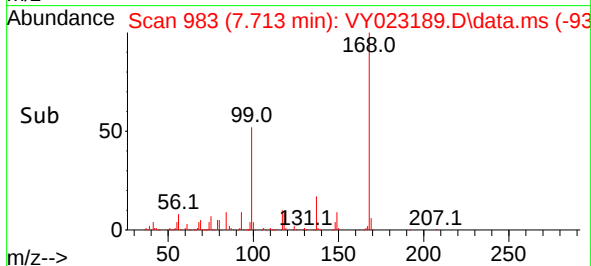
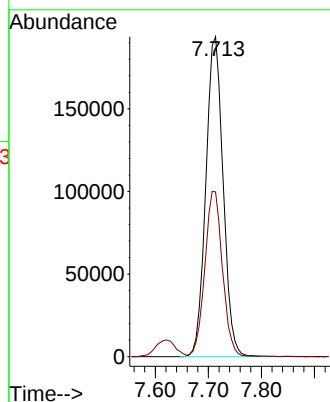
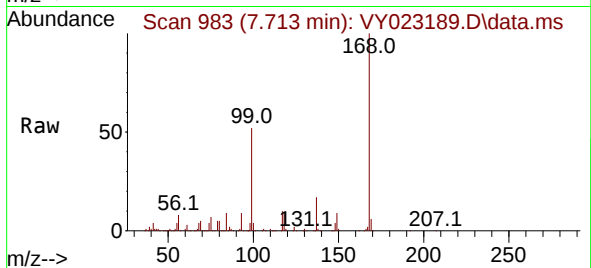
99 51.5 42.8 64.2

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Supervised By :Mahesh Dadoda 08/25/2025



#2

Dichlorodifluoromethane

Concen: 5.856 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.006 min

Lab File: VY023189.D

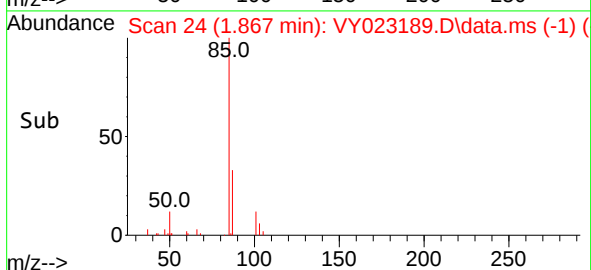
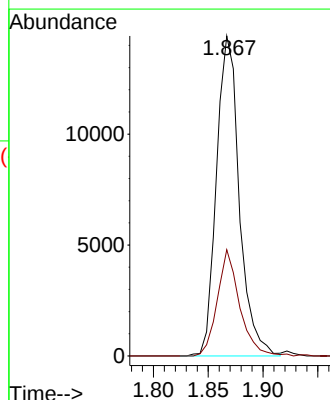
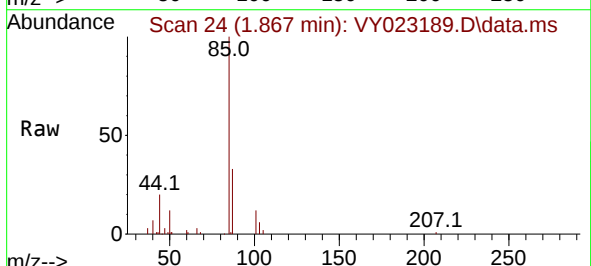
Acq: 22 Aug 2025 13:31

Tgt Ion: 85 Resp: 20925

Ion Ratio Lower Upper

85 100

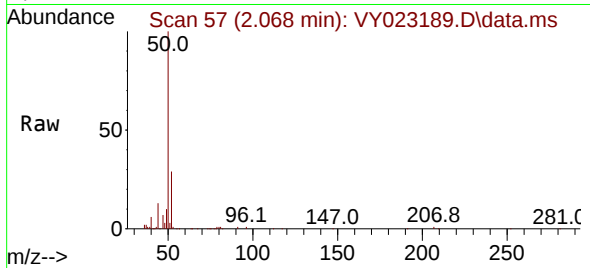
87 33.2 16.6 49.8





#3
Chloromethane
Concen: 5.975 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

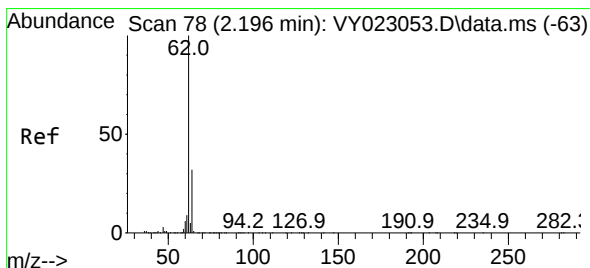
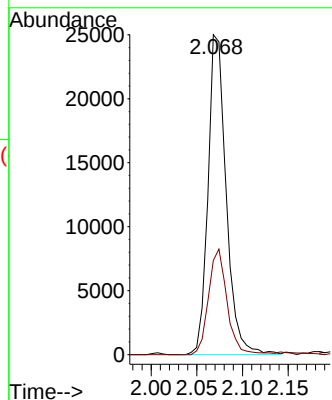
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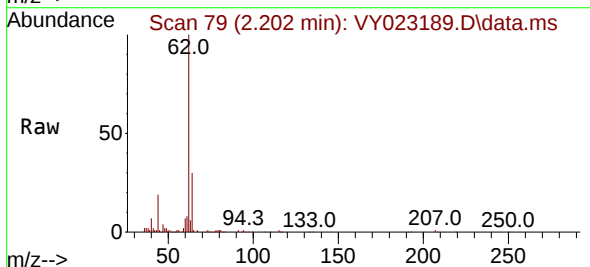
Tgt Ion: 50 Resp: 34584
Ion Ratio Lower Upper
50 100
52 29.4 26.7 40.1

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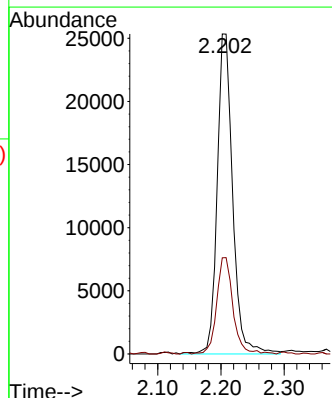
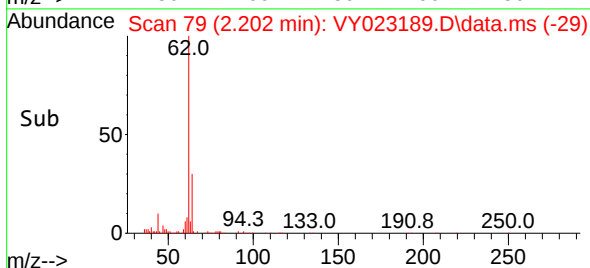
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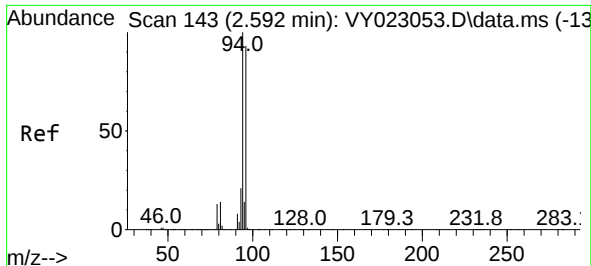


#4
Vinyl Chloride
Concen: 5.995 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31



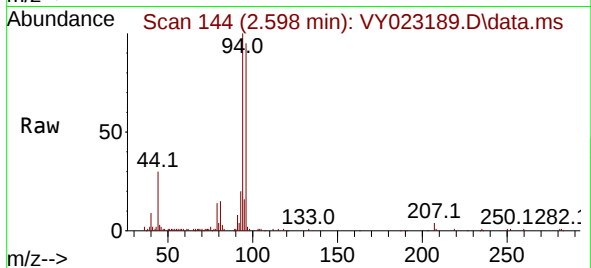
Tgt Ion: 62 Resp: 42891
Ion Ratio Lower Upper
62 100
64 30.0 25.4 38.0





#5
Bromomethane
Concen: 6.850 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

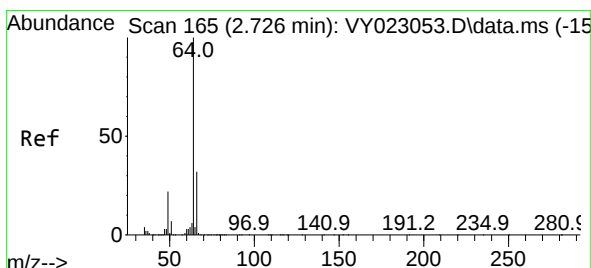
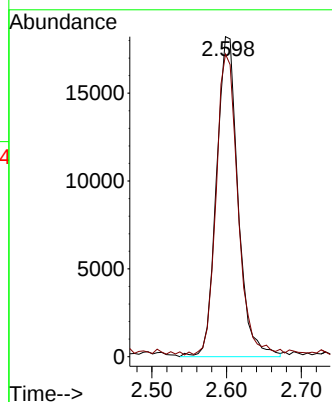
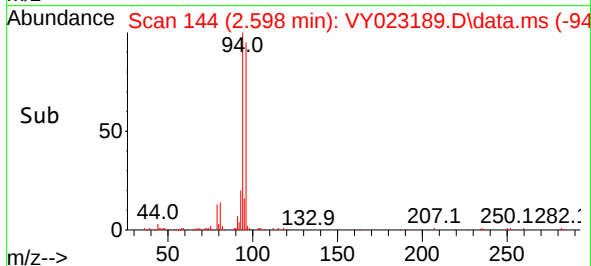
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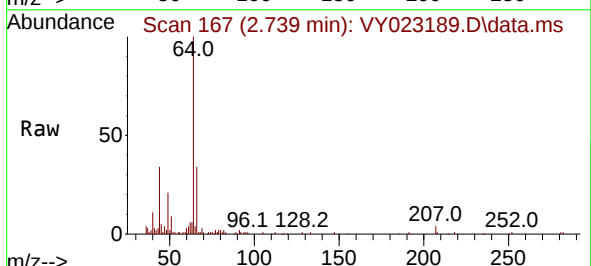
Tgt Ion: 94 Resp: 36600
Ion Ratio Lower Upper
94 100
96 93.1 74.6 112.0

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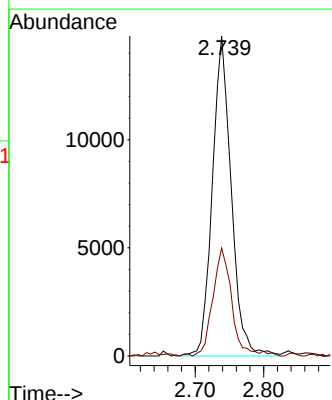
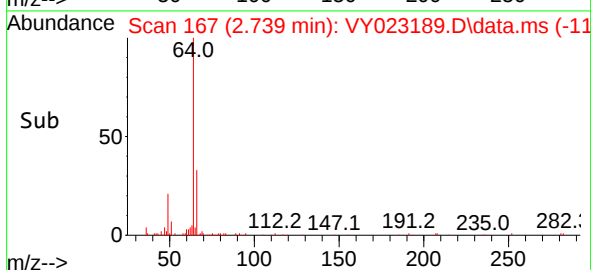
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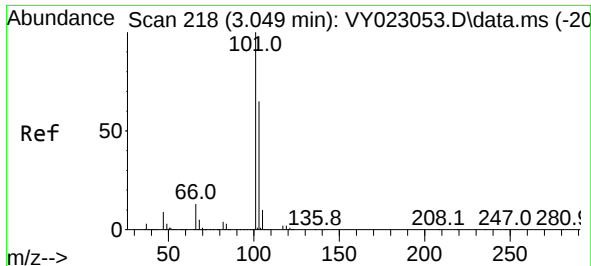


#6
Chloroethane
Concen: 5.958 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31



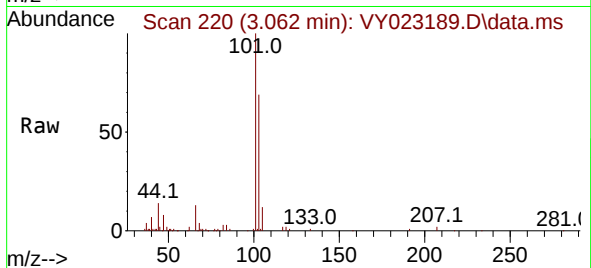
Tgt Ion: 64 Resp: 28338
Ion Ratio Lower Upper
64 100
66 33.7 25.8 38.6





#7
Trichlorofluoromethane
Concen: 5.479 ug/l
RT: 3.062 min Scan# 218
Delta R.T. 0.012 min
Lab File: VY023189.D
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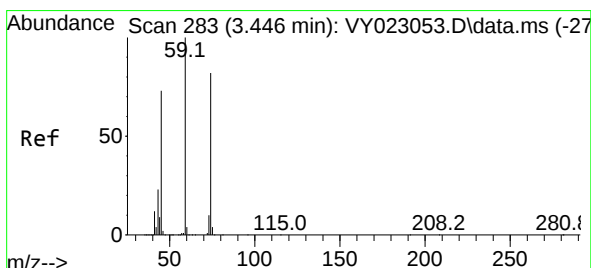
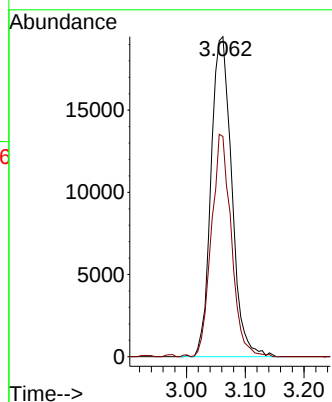
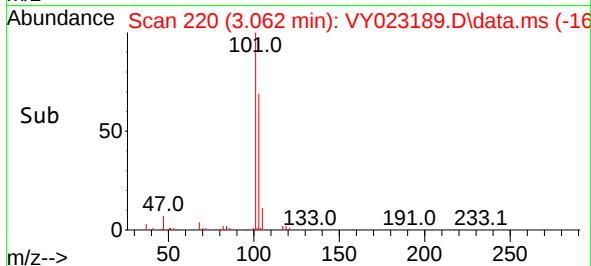
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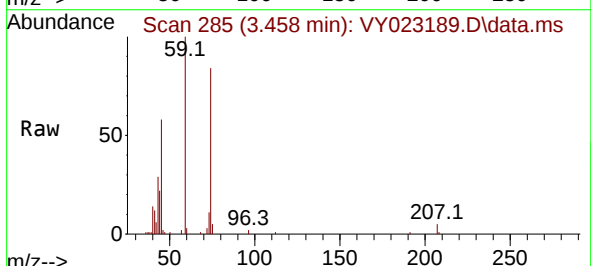
Tgt Ion:101 Resp: 47660
Ion Ratio Lower Upper
101 100
103 68.8 51.9 77.9

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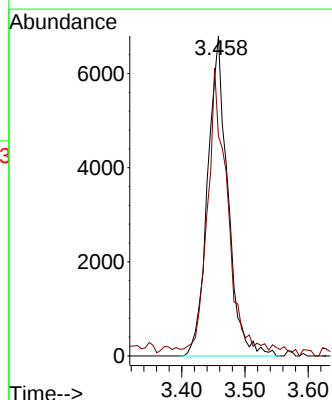
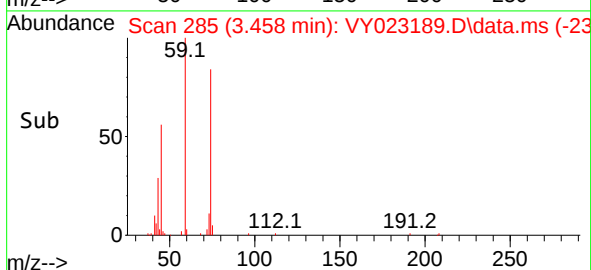
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#8
Diethyl Ether
Concen: 6.546 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31



Tgt Ion: 74 Resp: 15067
Ion Ratio Lower Upper
74 100
45 84.0 44.4 133.2





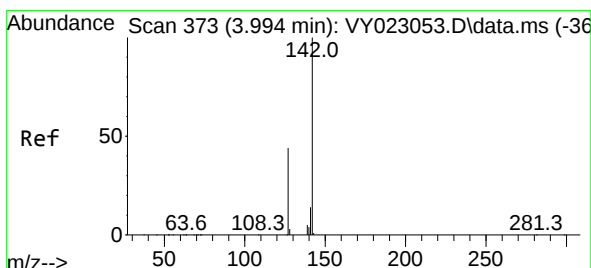
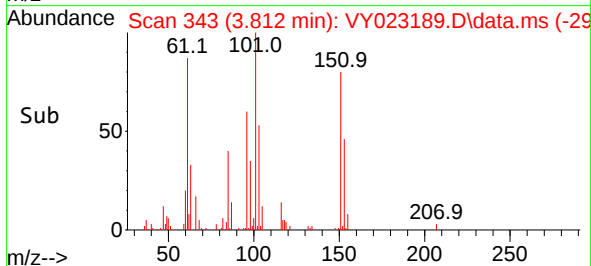
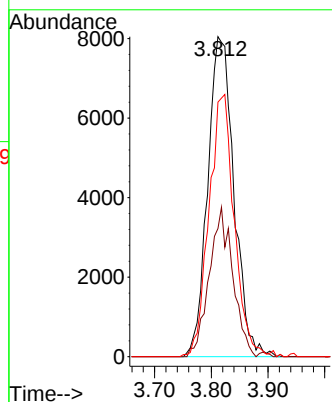
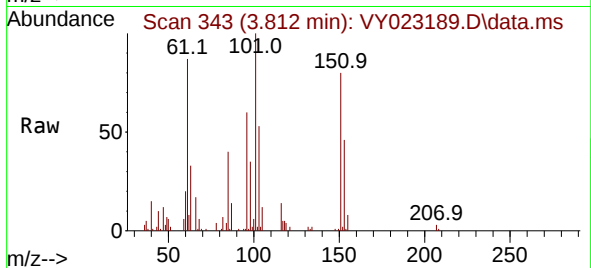
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.030 ug/l
RT: 3.812 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY023189.D
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Tgt Ion:101 Resp: 2588
Ion Ratio Lower Upper
101 100
85 41.9 36.3 54.5
151 79.2 61.5 92.3

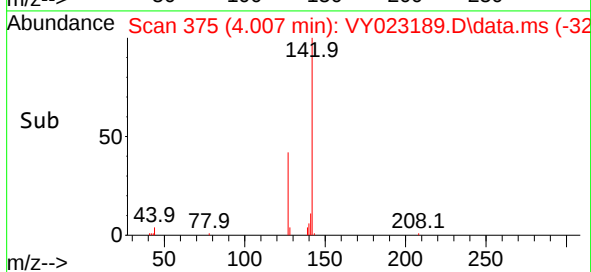
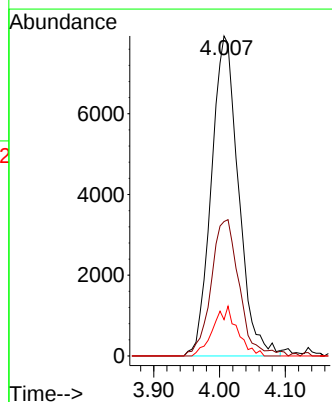
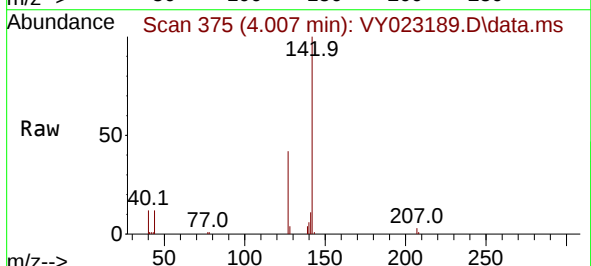
Manual Integrations
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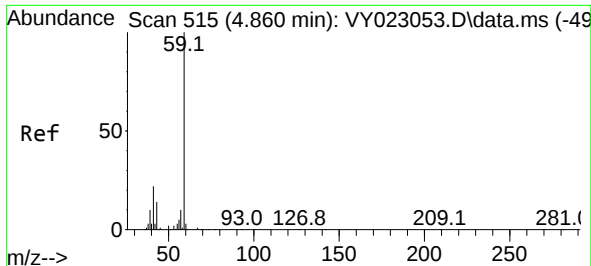
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#10
Methyl Iodide
Concen: 4.918 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

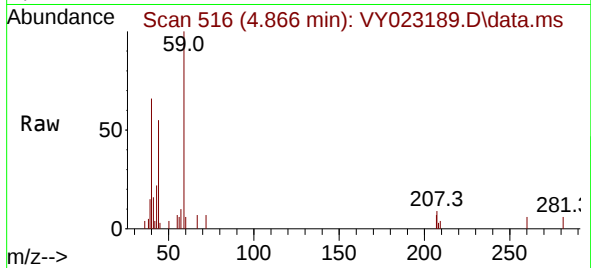
Tgt Ion:142 Resp: 22776
Ion Ratio Lower Upper
142 100
127 44.1 34.9 52.3
141 13.9 11.3 16.9





#11
Tert butyl alcohol
Concen: 22.005 ug/l m
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

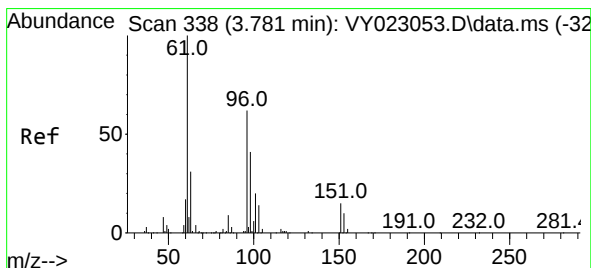
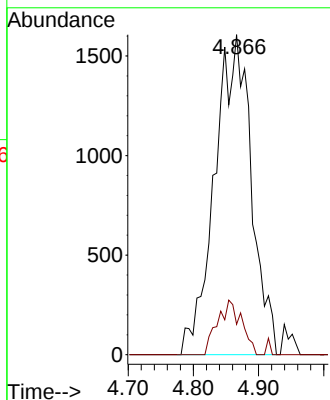
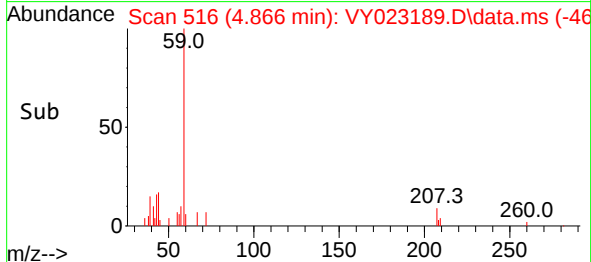
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



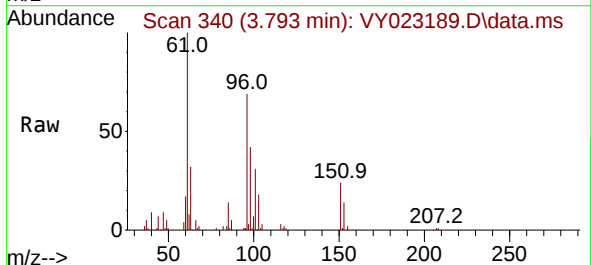
Tgt Ion: 59 Resp: 629
Ion Ratio Lower Upper
59 100
57 11.2 8.6 13.0

Manual Integrations
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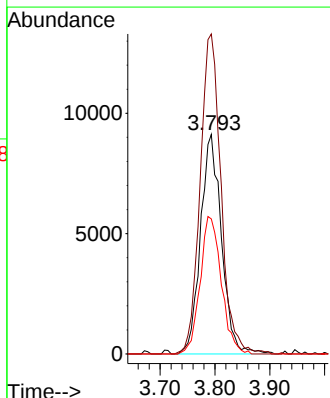
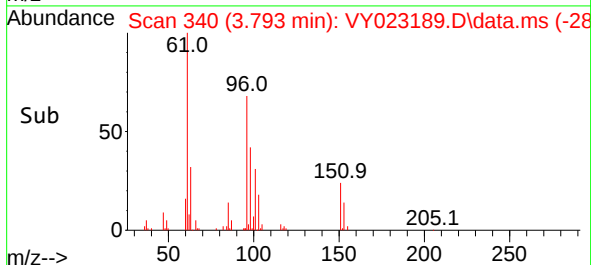
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

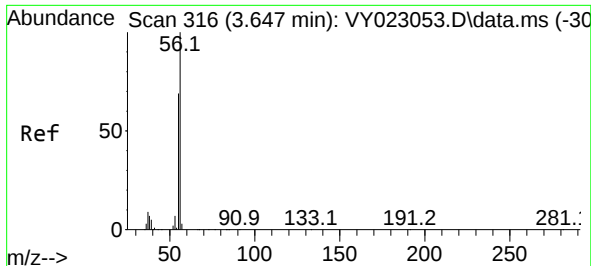


#12
1,1-Dichloroethene
Concen: 5.741 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31



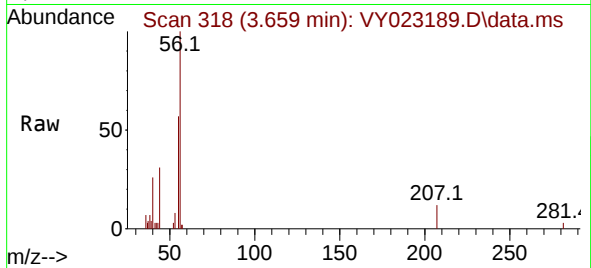
Tgt Ion: 96 Resp: 24221
Ion Ratio Lower Upper
96 100
61 145.8 129.4 194.2
98 61.5 52.8 79.2





#13
Acrolein
Concen: 16.939 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

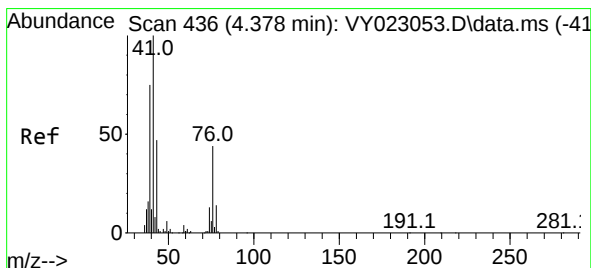
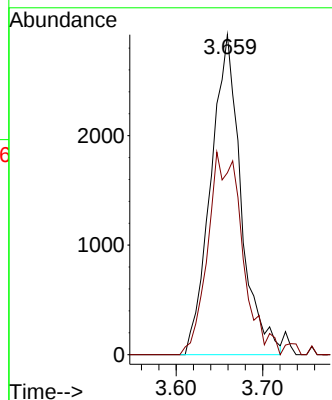
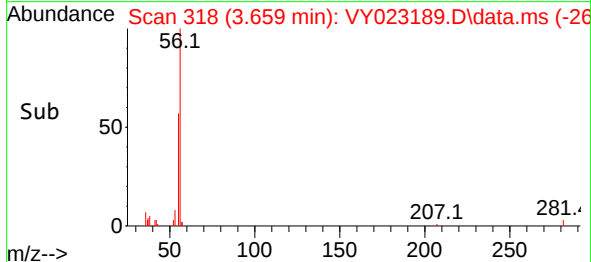
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



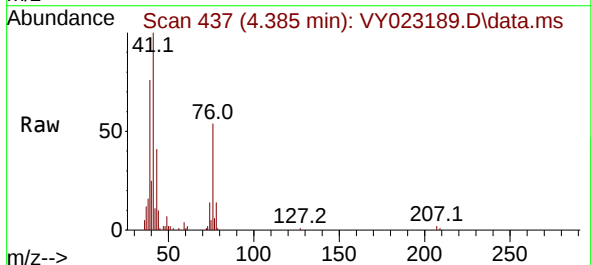
Tgt Ion: 56 Resp: 7092
Ion Ratio Lower Upper
56 100
55 71.9 55.2 82.8

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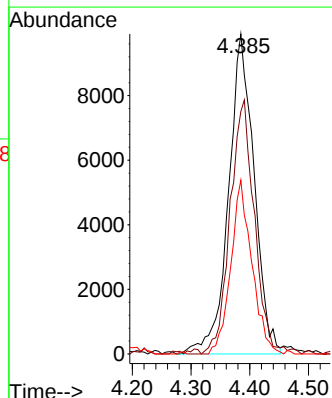
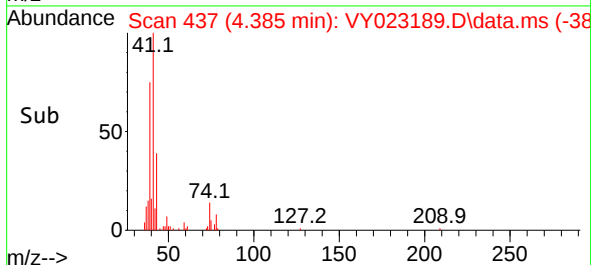
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

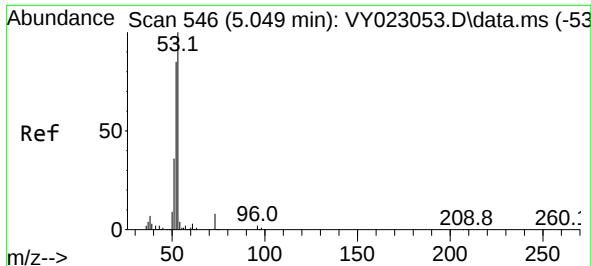


#14
Allyl chloride
Concen: 4.823 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31



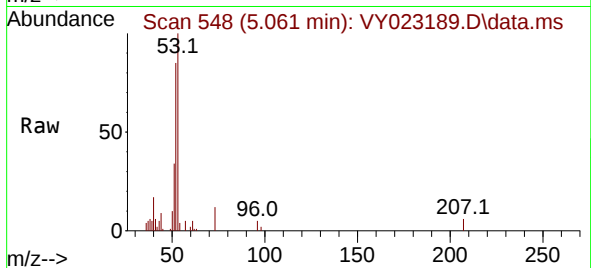
Tgt Ion: 41 Resp: 29936
Ion Ratio Lower Upper
41 100
39 75.8 59.8 89.6
76 44.8 33.7 50.5





#15
Acrylonitrile
Concen: 25.406 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

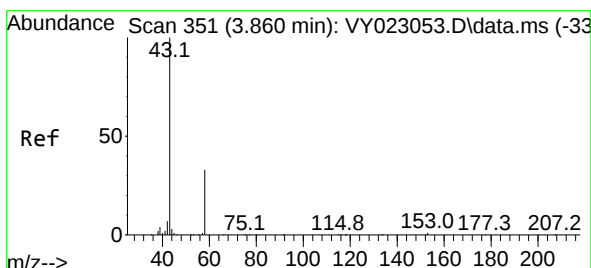
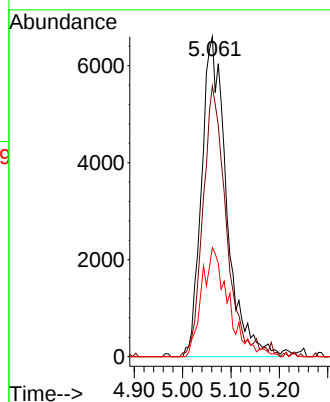
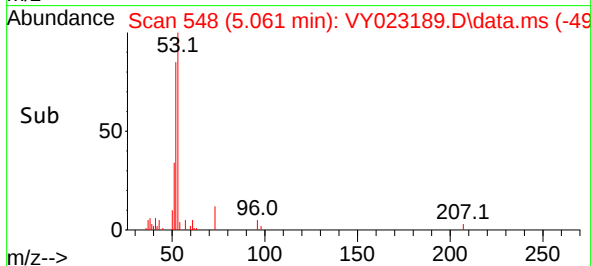
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 53 Resp: 2377
Ion Ratio Lower Upper
53 100
52 76.2 65.3 97.9
51 35.6 29.5 44.3

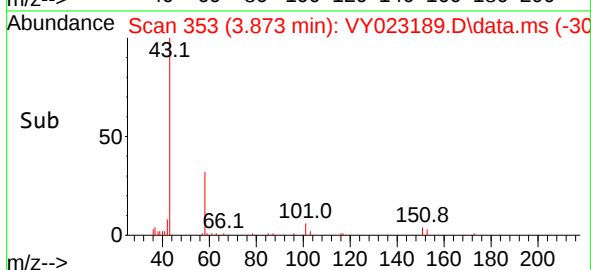
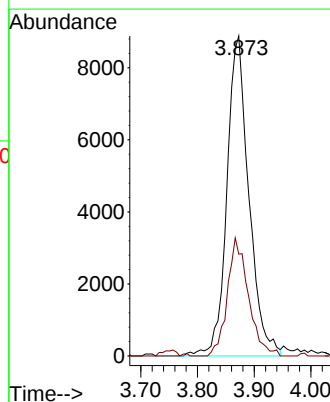
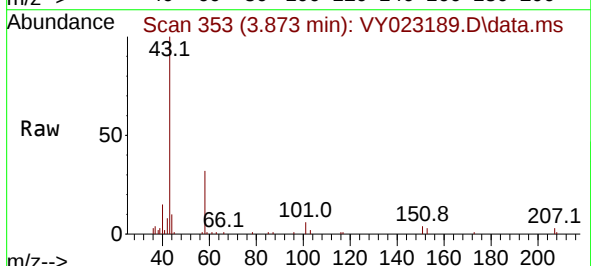
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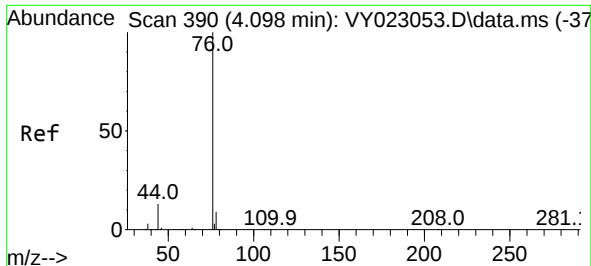
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#16
Acetone
Concen: 26.476 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

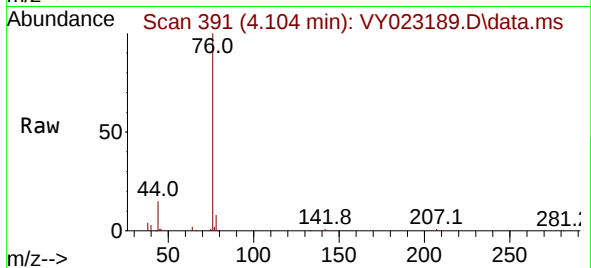
Tgt Ion: 43 Resp: 23932
Ion Ratio Lower Upper
43 100
58 31.8 27.1 40.7





#17
Carbon Disulfide
Concen: 5.488 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

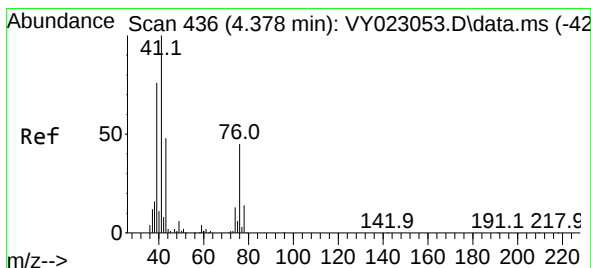
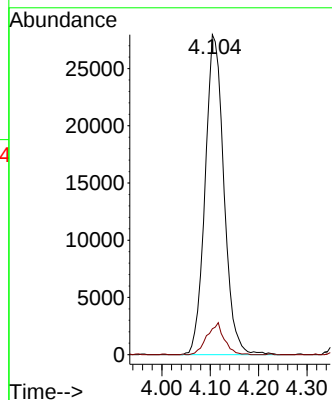
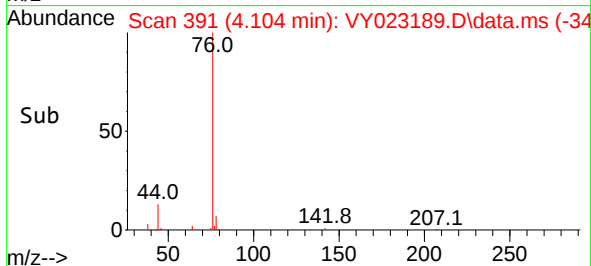
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 76 Resp: 7549
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.2

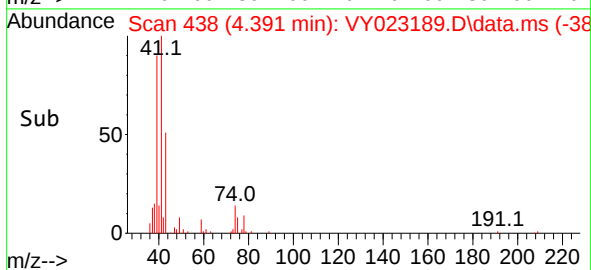
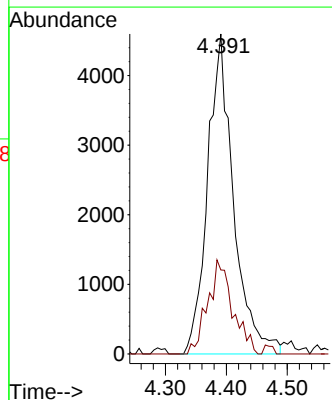
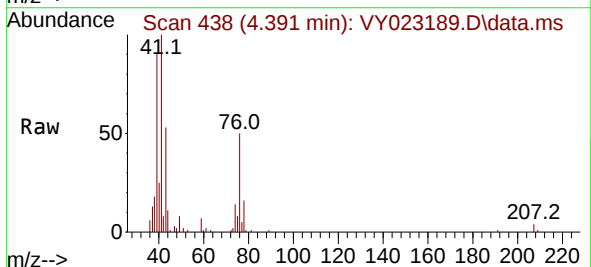
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#18
Methyl Acetate
Concen: 5.051 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

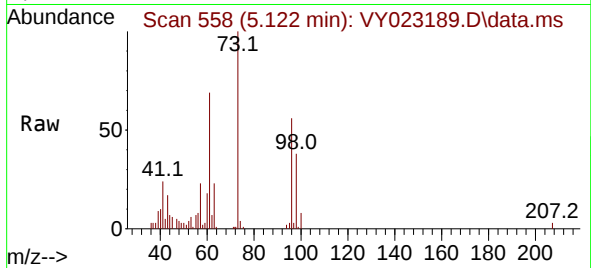
Tgt Ion: 43 Resp: 13587
Ion Ratio Lower Upper
43 100
74 28.3 21.2 31.8





#19
Methyl tert-butyl Ether
Concen: 4.874 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

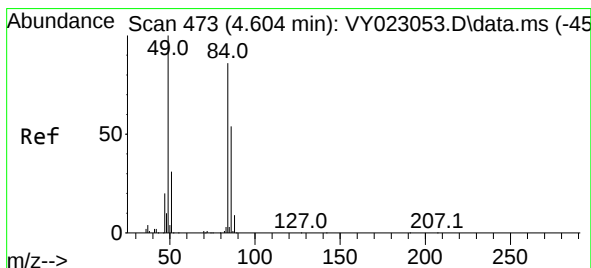
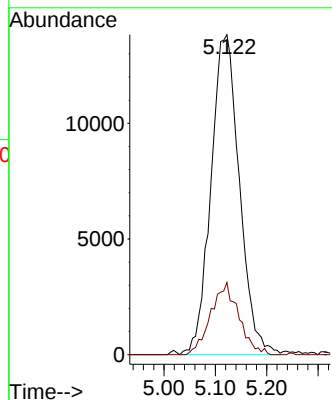
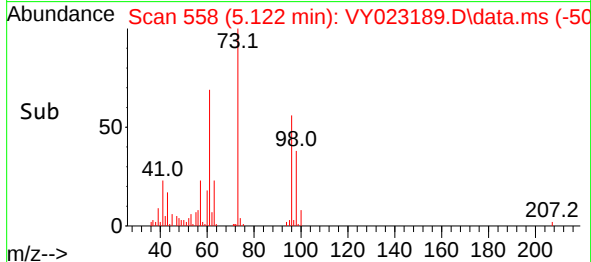
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 73 Resp: 5328
Ion Ratio Lower Upper
73 100
57 22.6 17.1 25.7

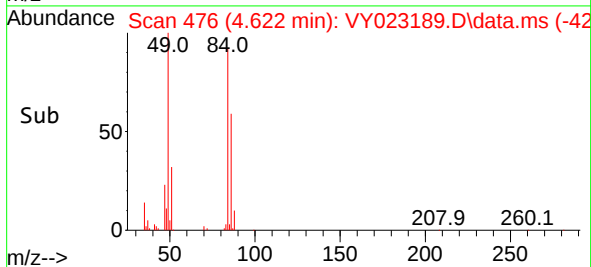
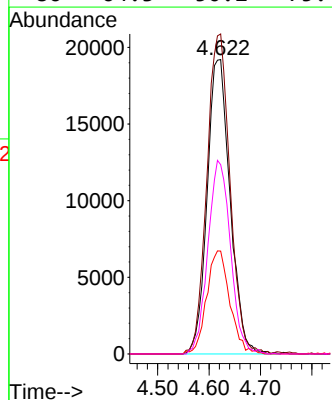
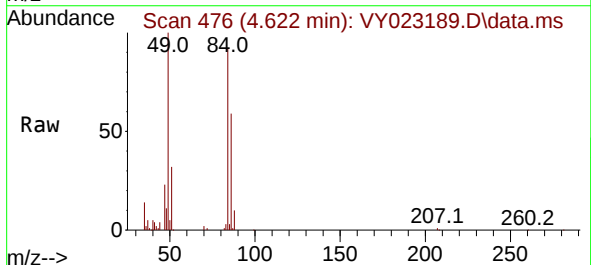
Manual Integrations
APPROVED

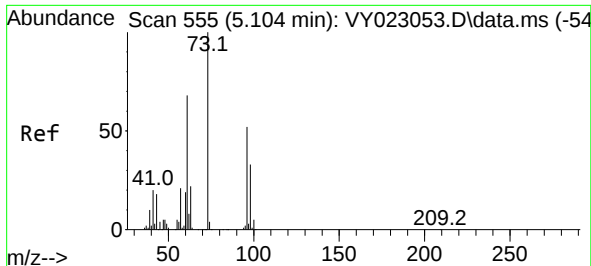
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#20
Methylene Chloride
Concen: 10.561 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.018 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

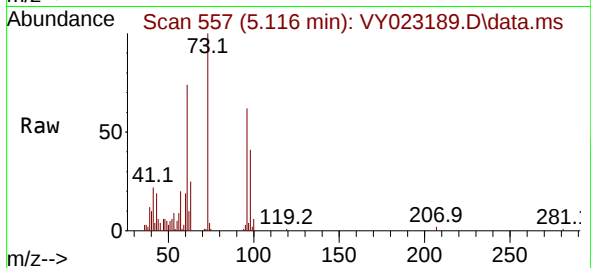
Tgt Ion: 84 Resp: 59675
Ion Ratio Lower Upper
84 100
49 108.7 93.0 139.6
51 34.9 29.0 43.4
86 64.3 50.2 75.4





#21
trans-1,2-Dichloroethene
Concen: 5.560 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

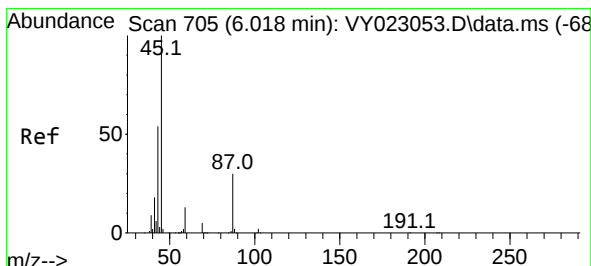
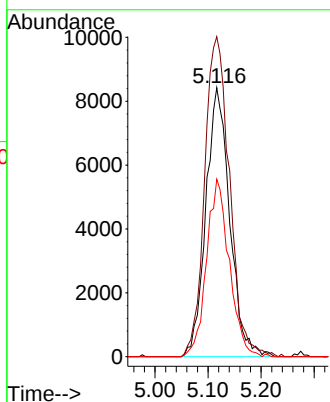
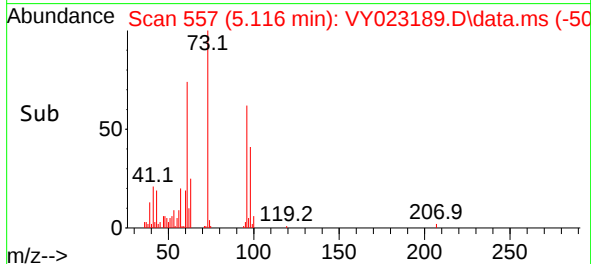
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 96 Resp: 2635
Ion Ratio Lower Upper
96 100
61 119.0 104.8 157.2
98 66.0 50.1 75.1

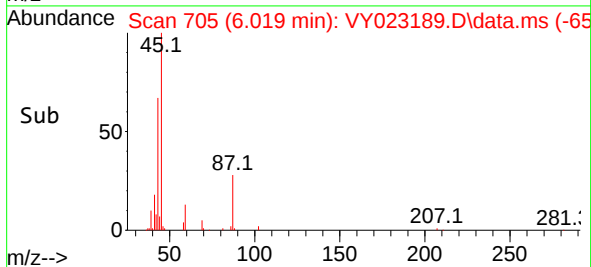
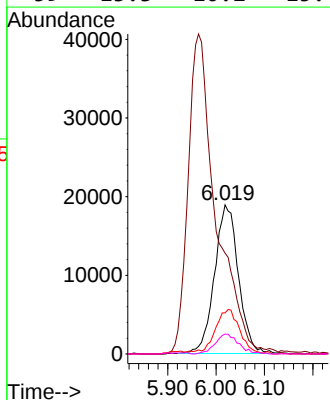
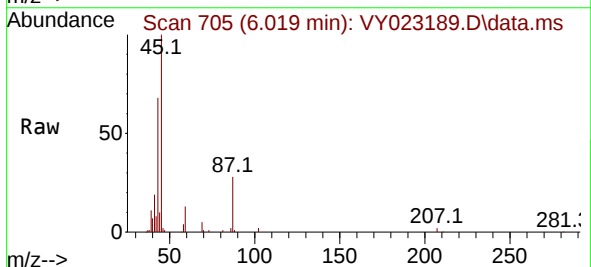
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#22
Diisopropyl ether
Concen: 4.800 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

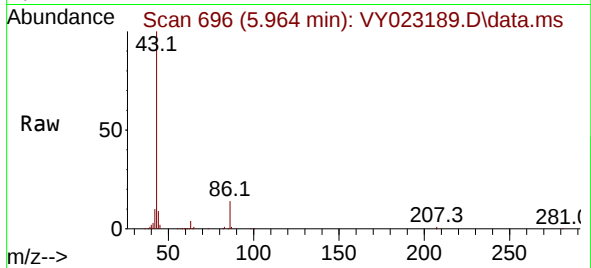
Tgt Ion: 45 Resp: 64743
Ion Ratio Lower Upper
45 100
43 66.5 43.4 65.0#
87 27.7 24.4 36.6
59 13.3 10.2 15.4





#23
 Vinyl Acetate
 Concen: 21.813 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023189.D
 Acq: 22 Aug 2025 13:31

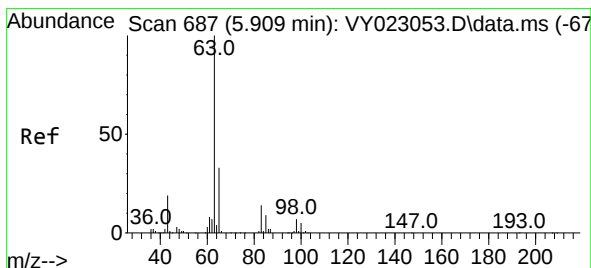
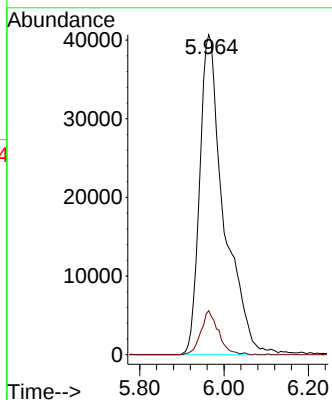
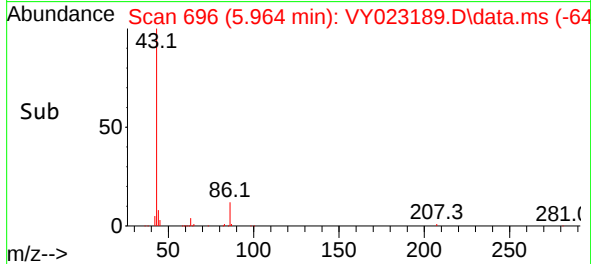
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025



Tgt Ion: 43 Resp: 162694
 Ion Ratio Lower Upper
 43 100
 86 13.7 9.6 14.4

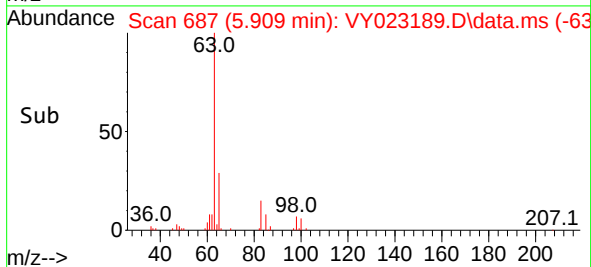
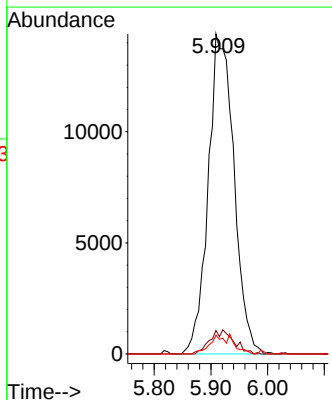
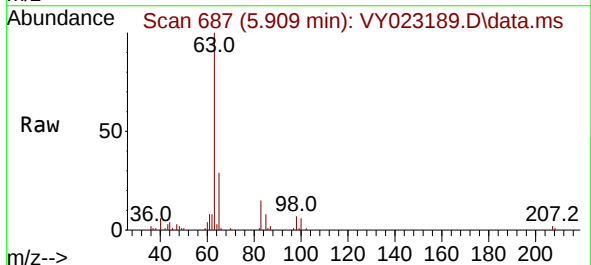
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#24
 1,1-Dichloroethane
 Concen: 5.498 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY023189.D
 Acq: 22 Aug 2025 13:31

Tgt Ion: 63 Resp: 45340
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.6
 100 5.9 2.4 7.1





#25

2-Butanone

Concen: 23.354 ug/l

RT: 6.903 min Scan# 847

Delta R.T. 0.018 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2025

Tgt Ion: 43 Resp: 28710

Ion Ratio Lower Upper

43 100

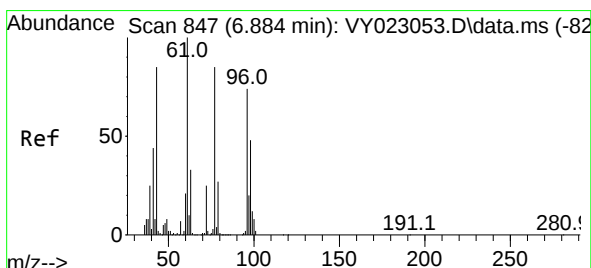
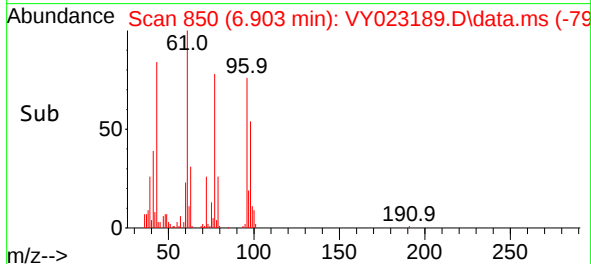
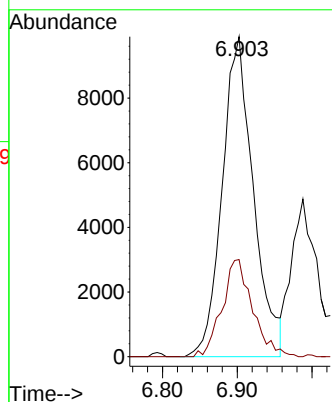
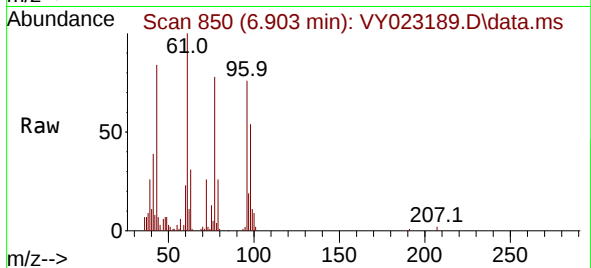
72 30.4 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#26

2,2-Dichloropropane

Concen: 5.645 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023189.D

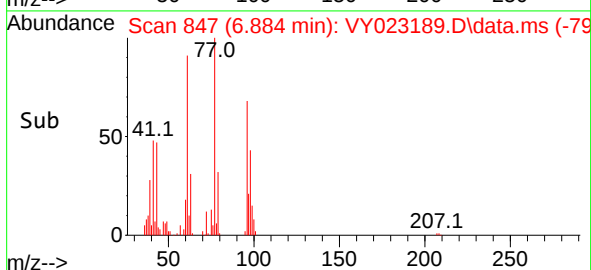
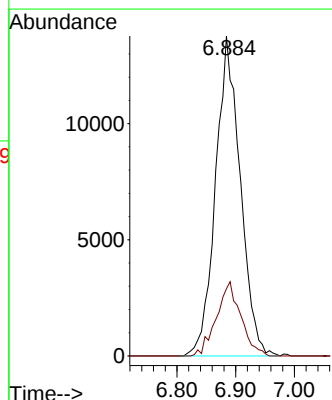
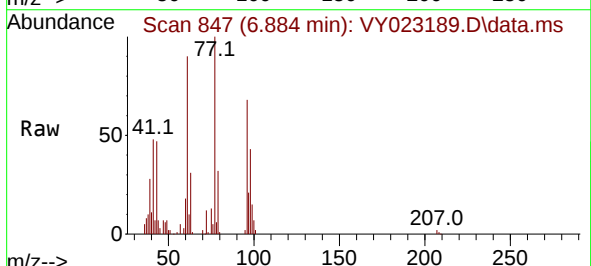
Acq: 22 Aug 2025 13:31

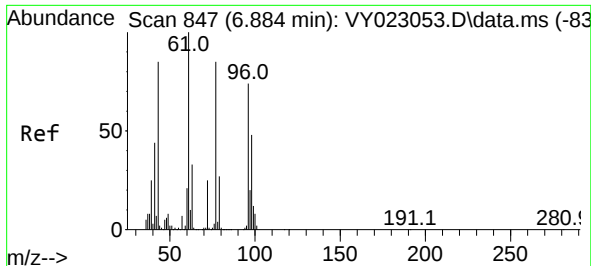
Tgt Ion: 77 Resp: 40167

Ion Ratio Lower Upper

77 100

97 22.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 5.504 ug/l

RT: 6.896 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2025

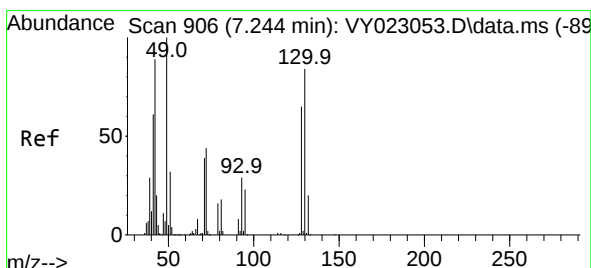
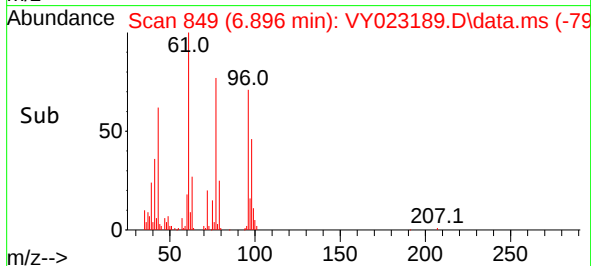
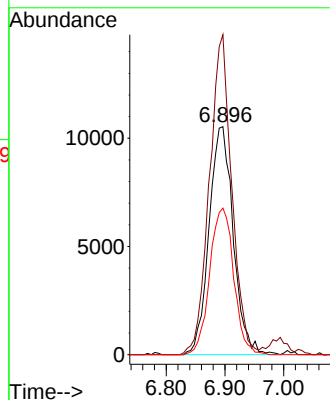
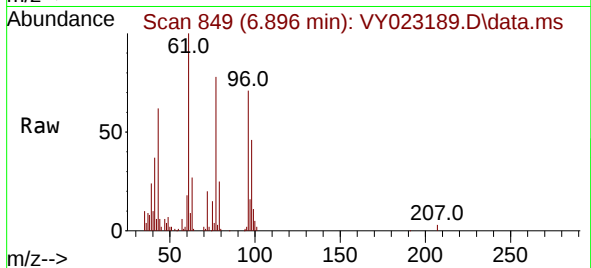
Tgt Ion:	96	Resp:	3016
Ion	Ratio	Lower	Upper
96	100		
61	129.8	0.0	278.6
98	63.8	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#28

Bromochloromethane

Concen: 5.183 ug/l

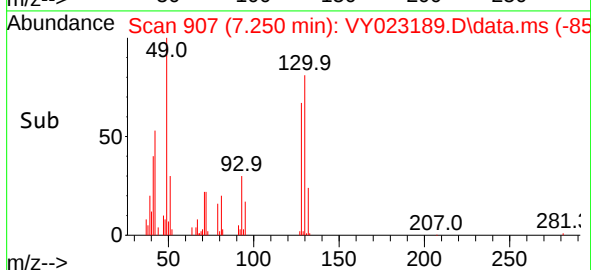
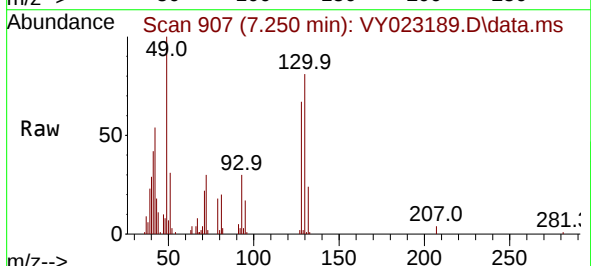
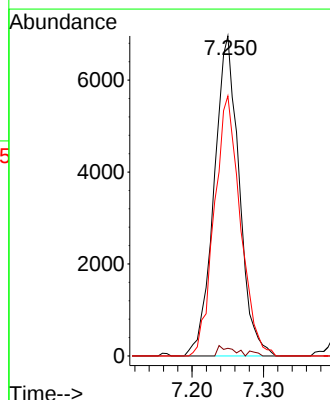
RT: 7.250 min Scan# 907

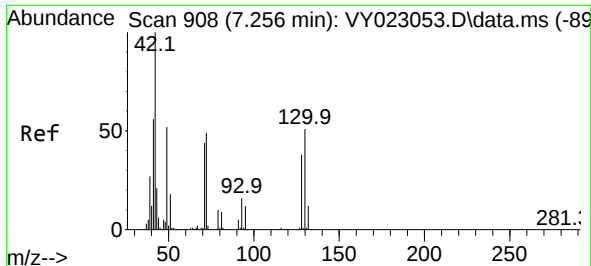
Delta R.T. 0.006 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Tgt Ion:	49	Resp:	16958
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	84.3	66.4	99.6





#29

Tetrahydrofuran

Concen: 22.411 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Instrument :

MSVOA_Y

ClientSampleId :

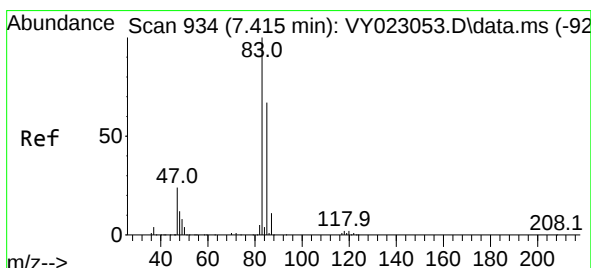
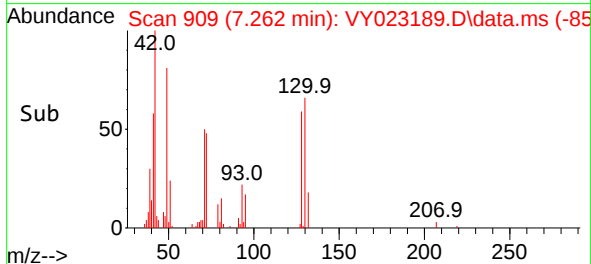
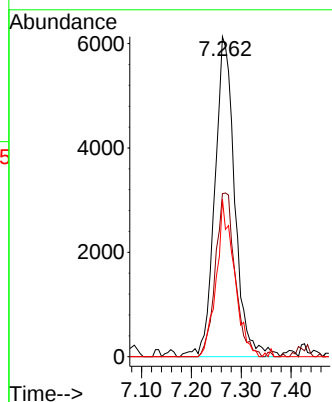
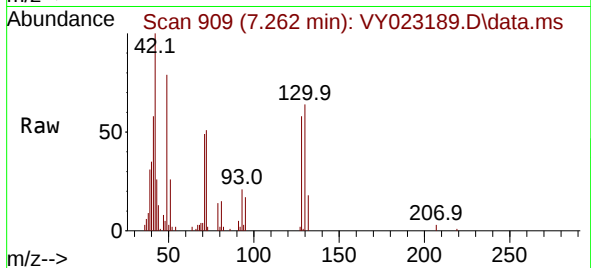
LOQ-SOIL-02-QT3-2025

Tgt Ion: 42	Resp: 17078
Ion Ratio	Lower Upper
42 100	
72 50.3	39.4 59.2
71 43.9	36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#30

Chloroform

Concen: 5.719 ug/l

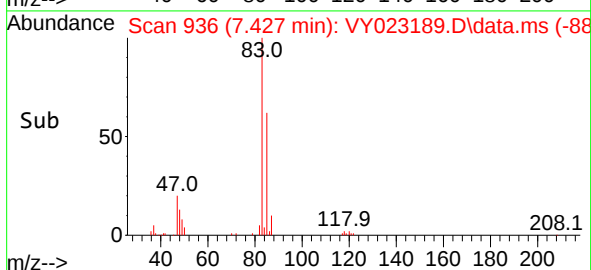
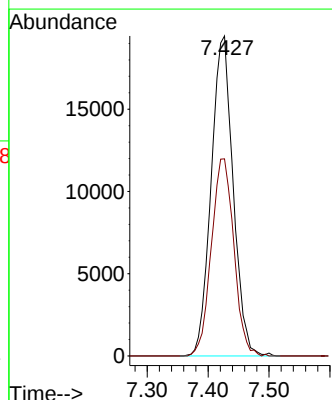
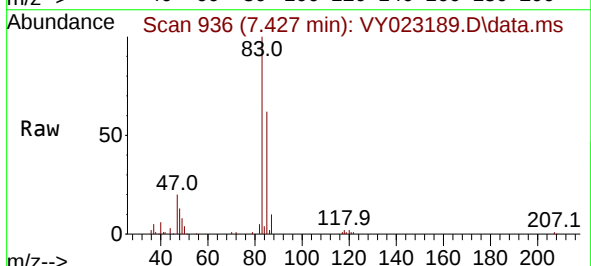
RT: 7.427 min Scan# 936

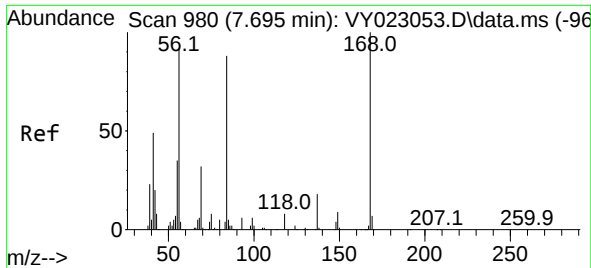
Delta R.T. 0.012 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

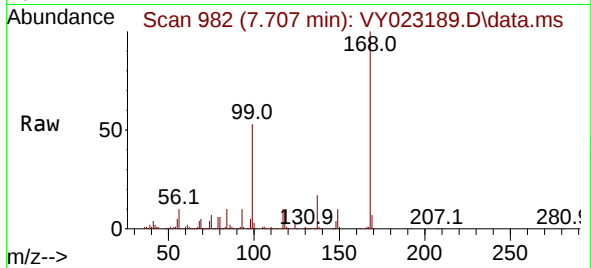
Tgt Ion: 83	Resp: 48645
Ion Ratio	Lower Upper
83 100	
85 61.6	53.8 80.8





#31
Cyclohexane
Concen: 5.652 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

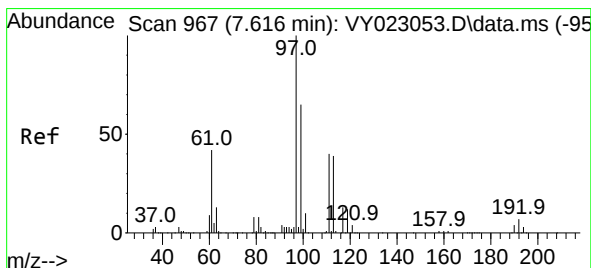
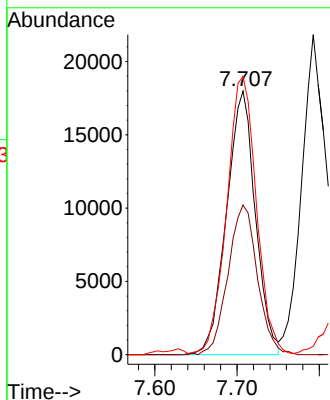
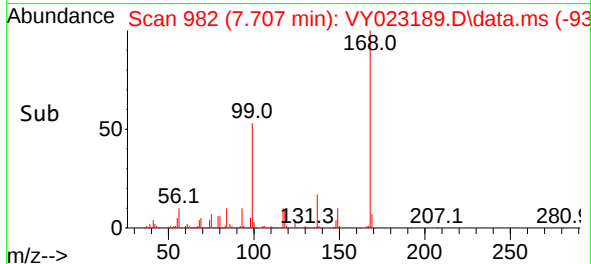
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



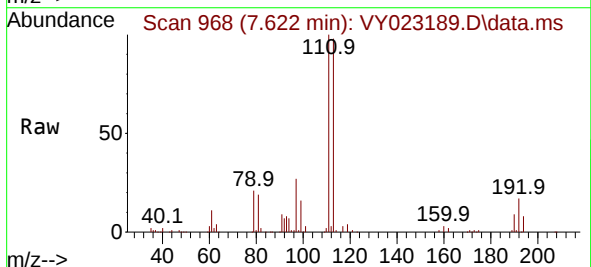
Tgt Ion: 56 Resp: 4392
Ion Ratio Lower Upper
56 100
69 56.8 28.2 42.2
84 103.3 76.6 114.8

Manual Integrations
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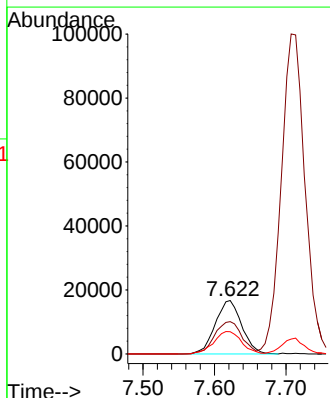
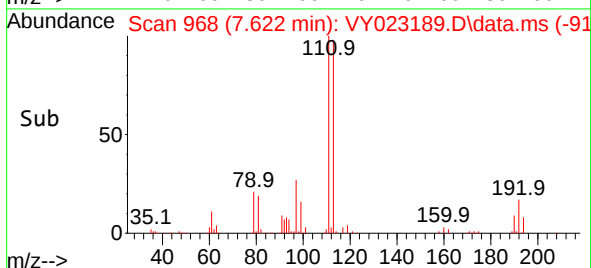
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#32
1,1,1-Trichloroethane
Concen: 5.676 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31



Tgt Ion: 97 Resp: 42836
Ion Ratio Lower Upper
97 100
99 62.5 51.6 77.4
61 43.9 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 51.150 ug/l

RT: 8.067 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2025

Tgt Ion: 65 Resp: 213415

Ion Ratio Lower Upper

65 100

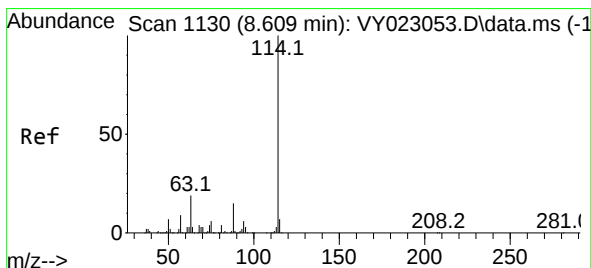
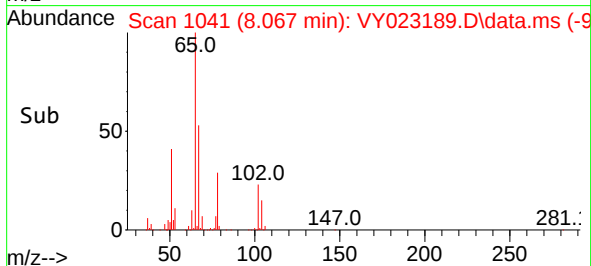
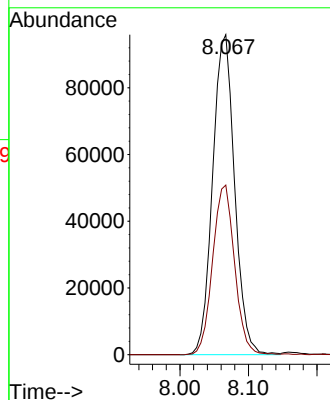
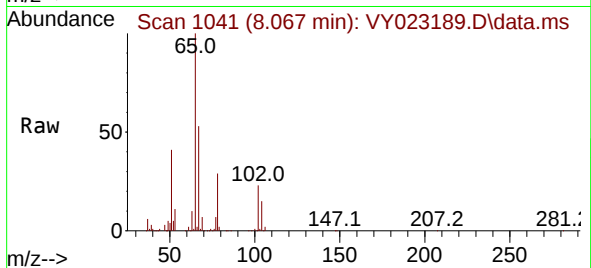
67 52.9 0.0 106.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

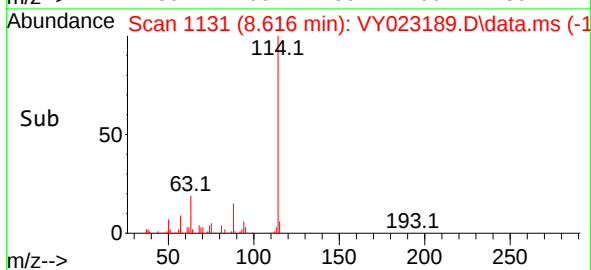
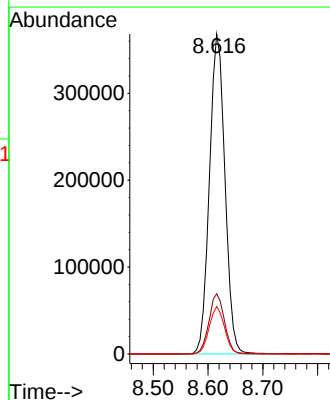
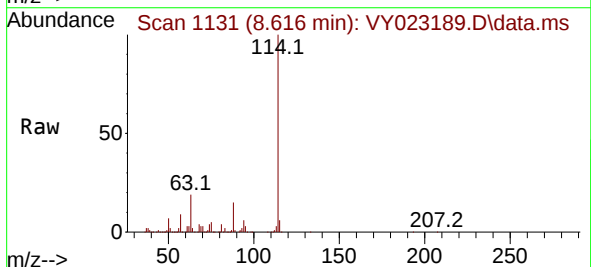
Tgt Ion:114 Resp: 720859

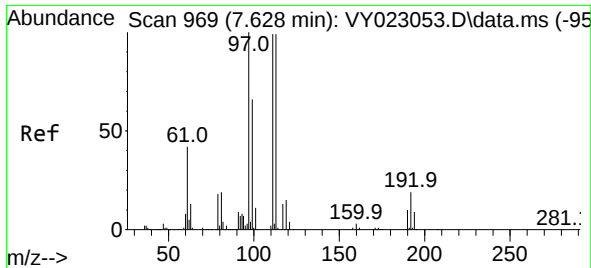
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

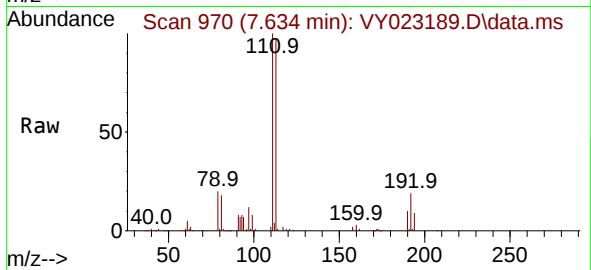
88 14.8 0.0 30.0





#35
Dibromofluoromethane
Concen: 52.031 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

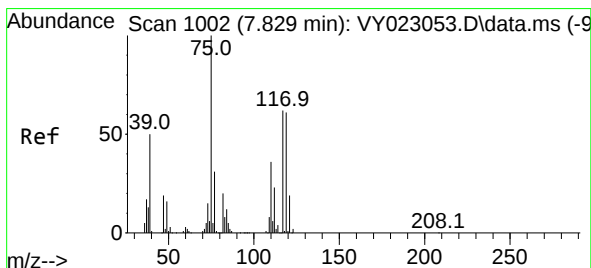
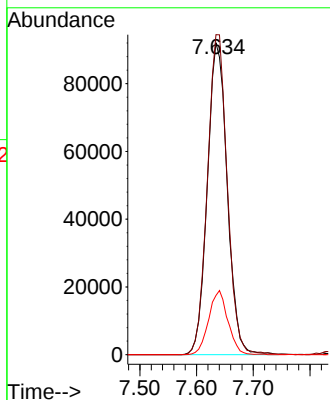
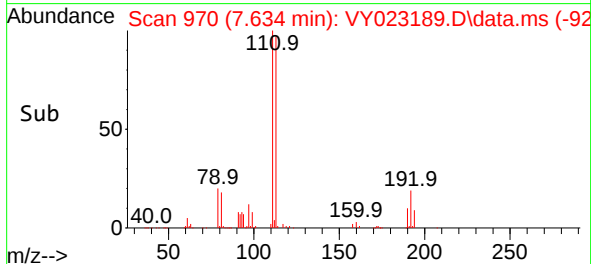
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 113 Resp: 224428
Ion Ratio Lower Upper
113 100
111 102.6 81.1 121.7
192 19.9 16.2 24.4

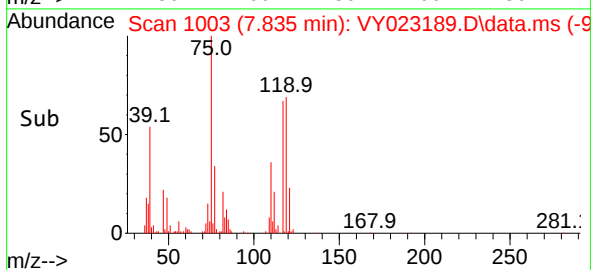
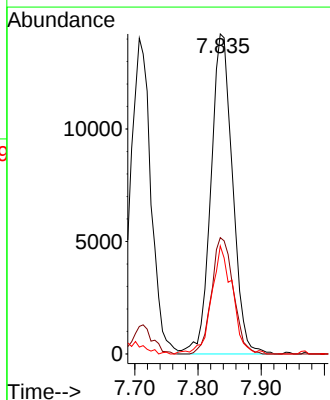
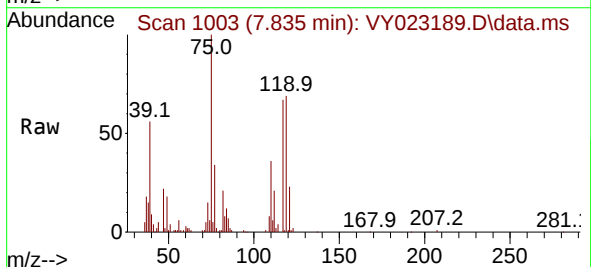
Manual Integrations
APPROVED

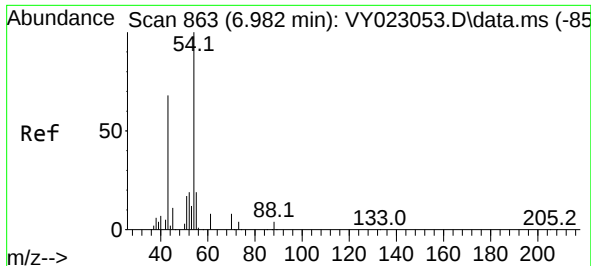
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#36
1,1-Dichloropropene
Concen: 5.271 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

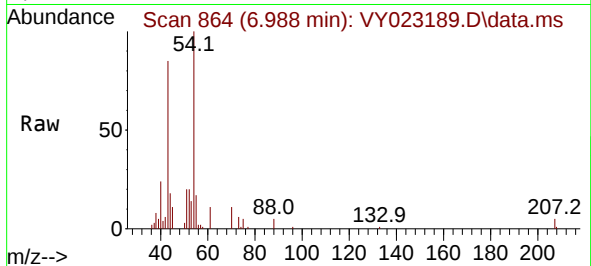
Tgt Ion: 75 Resp: 33791
Ion Ratio Lower Upper
75 100
110 36.6 18.1 54.4
77 32.8 24.6 37.0





#37
Ethyl Acetate
Concen: 4.467 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

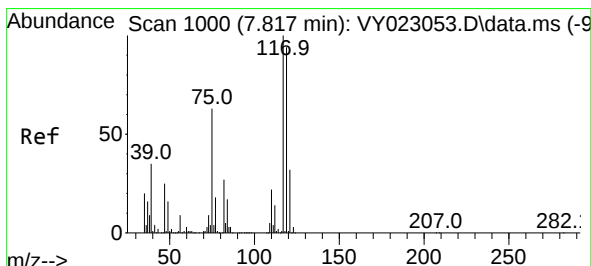
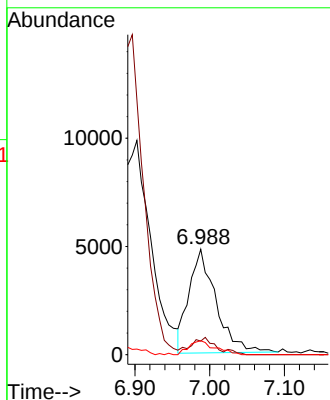
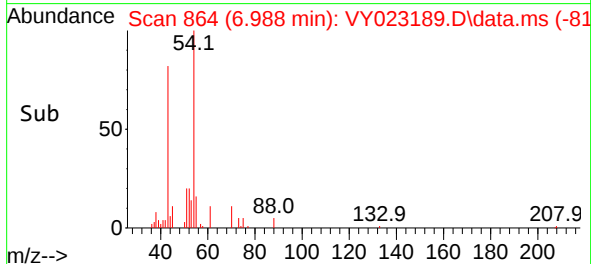
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



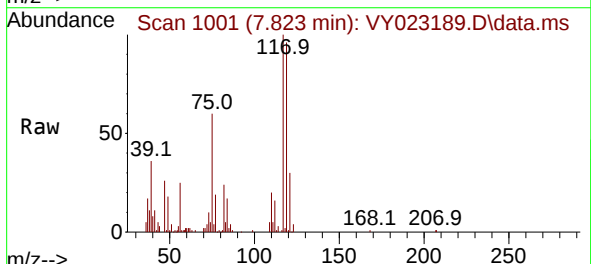
Tgt Ion: 43 Resp: 12029
Ion Ratio Lower Upper
43 100
61 10.6 11.9 17.9
70 13.0 8.8 13.2

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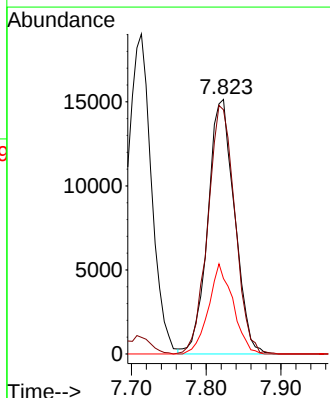
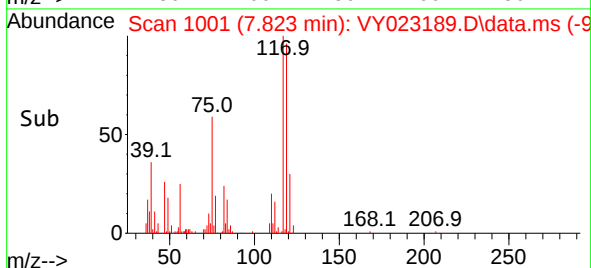
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

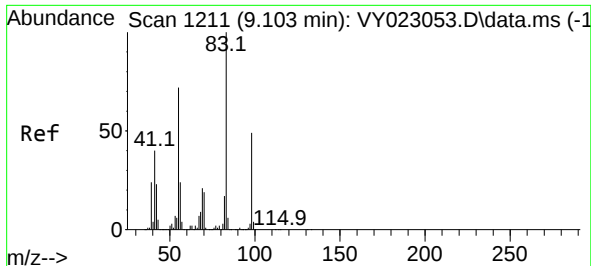


#38
Carbon Tetrachloride
Concen: 5.412 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31



Tgt Ion:117 Resp: 37681
Ion Ratio Lower Upper
117 100
119 95.9 75.6 113.4
121 29.6 25.8 38.8





#39

Methylcyclohexane

Concen: 4.908 ug/l

RT: 9.116 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Instrument :

MSVOA_Y

ClientSampleId :

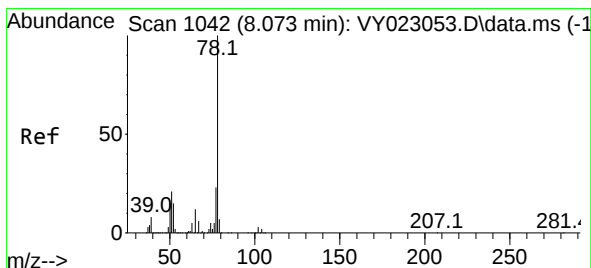
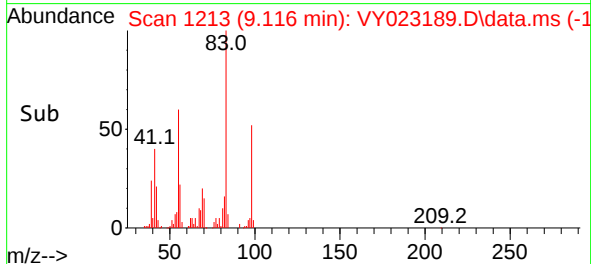
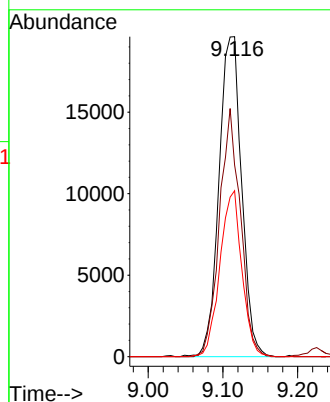
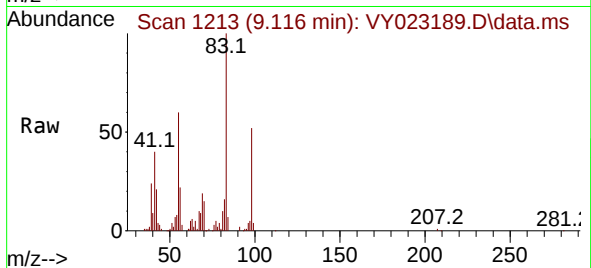
LOQ-SOIL-02-QT3-2025

Tgt Ion: 83	Resp: 4143
Ion Ratio	Lower Upper
83 100	
55 59.9	57.6 86.4
98 51.8	39.2 58.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#40

Benzene

Concen: 5.399 ug/l

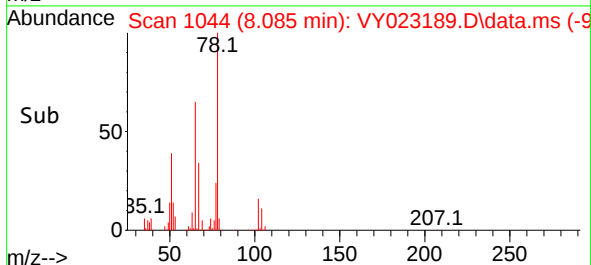
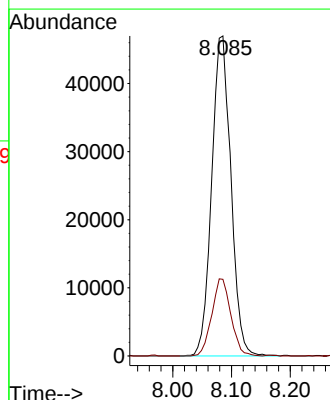
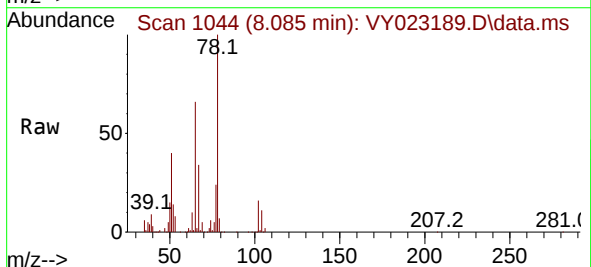
RT: 8.085 min Scan# 1044

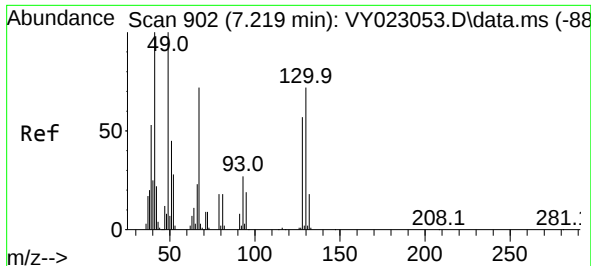
Delta R.T. 0.012 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

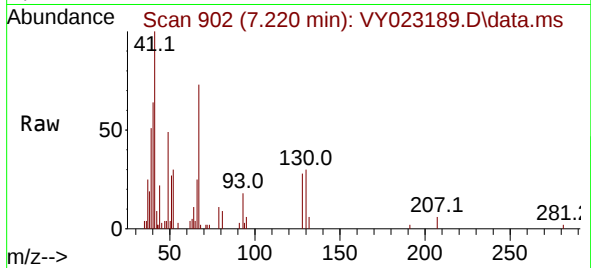
Tgt Ion: 78	Resp: 106668
Ion Ratio	Lower Upper
78 100	
77 23.9	18.6 28.0





#41
Methacrylonitrile
Concen: 4.460 ug/l m
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

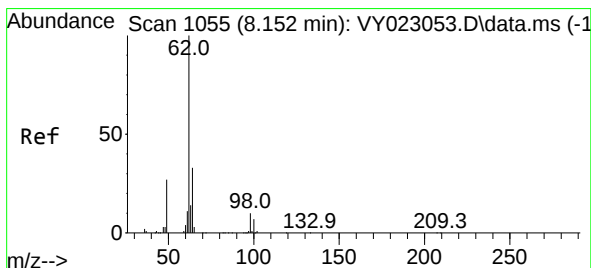
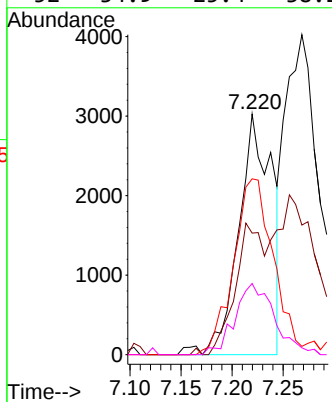
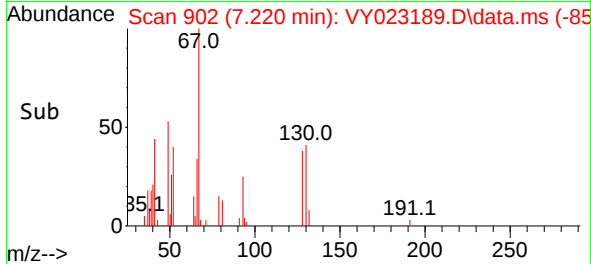
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 41 Resp: 693
Ion Ratio Lower Upper
41 100
39 45.5 43.4 65.2
67 86.6 63.6 95.4
52 34.9 25.4 38.2

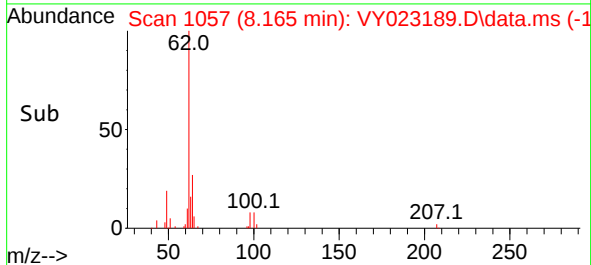
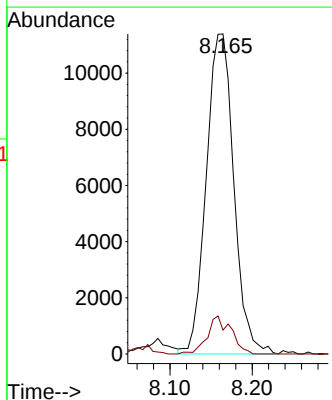
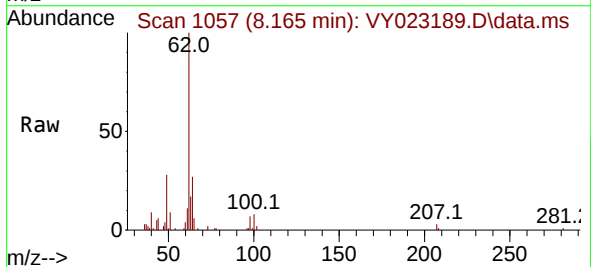
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#42
1,2-Dichloroethane
Concen: 5.165 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

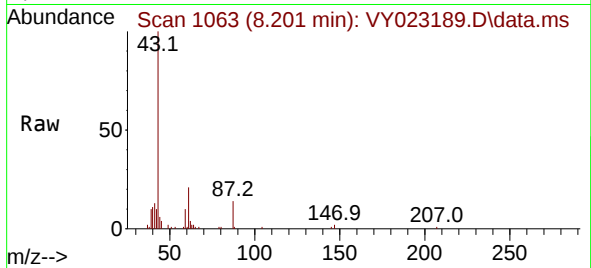
Tgt Ion: 62 Resp: 26538
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.6





#43
Isopropyl Acetate
Concen: 4.678 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

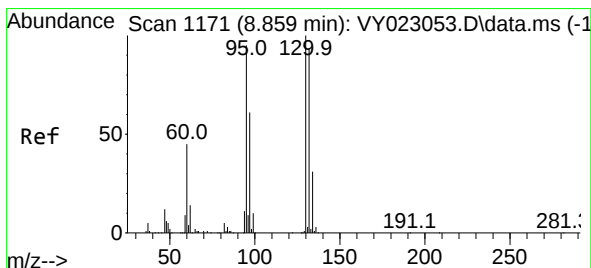
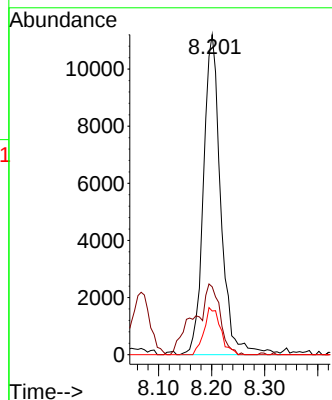
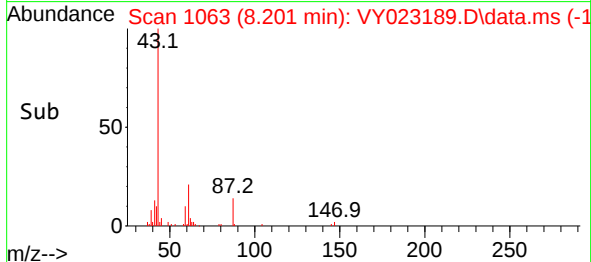
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 43 Resp: 25460
Ion Ratio Lower Upper
43 100
61 32.6 16.4 24.6
87 14.0 11.8 17.6

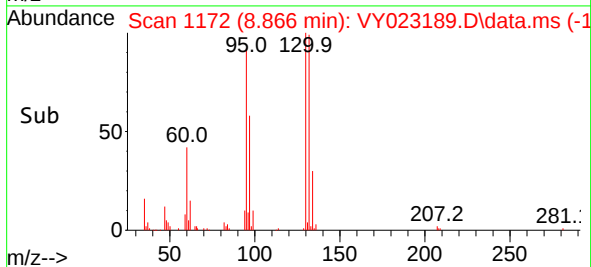
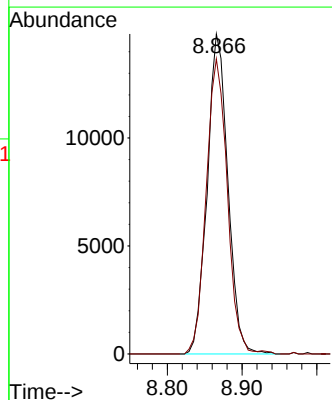
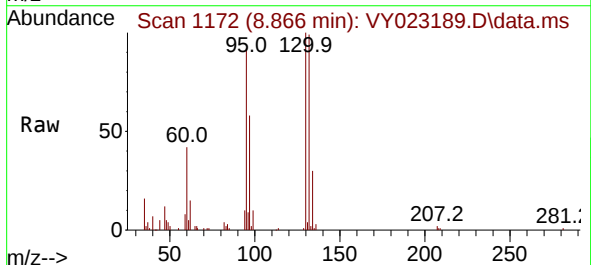
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#44
Trichloroethene
Concen: 5.588 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

Tgt Ion:130 Resp: 28531
Ion Ratio Lower Upper
130 100
95 92.2 0.0 190.2





#45

1,2-Dichloropropane

Concen: 5.424 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2025

Tgt Ion: 63 Resp: 2465

Ion Ratio Lower Upper

63 100

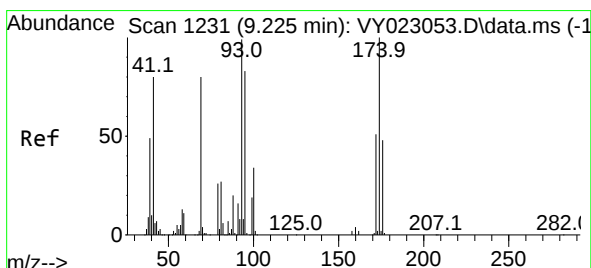
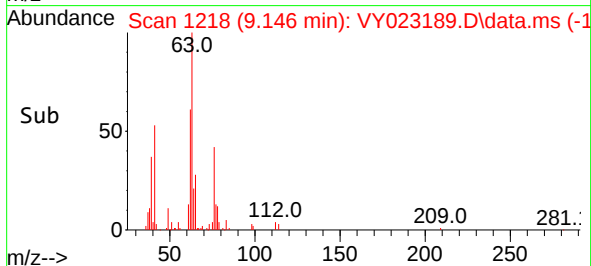
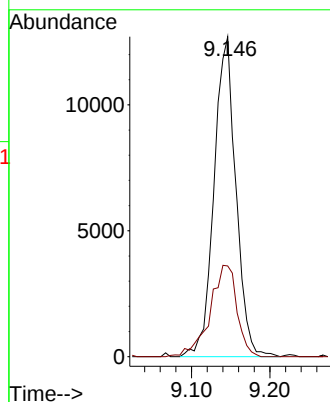
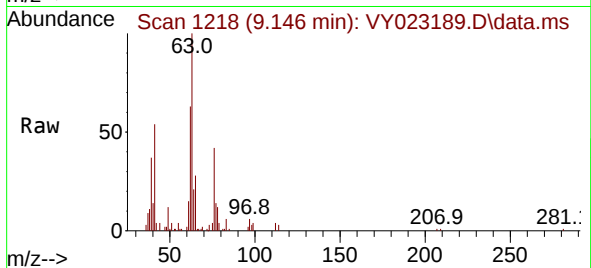
65 28.3 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#46

Dibromomethane

Concen: 5.209 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

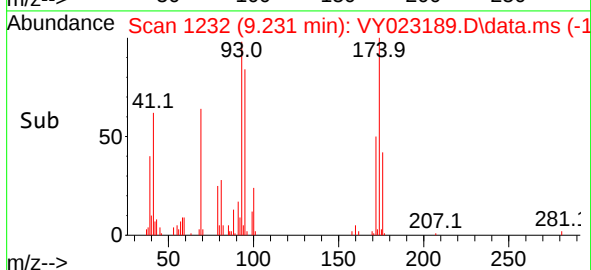
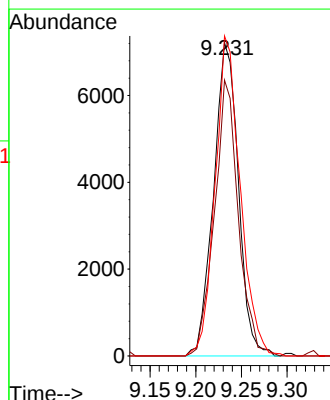
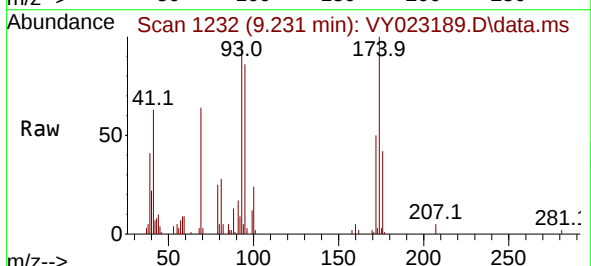
Tgt Ion: 93 Resp: 13592

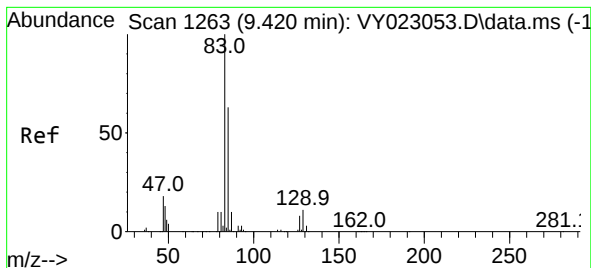
Ion Ratio Lower Upper

93 100

95 85.2 66.5 99.7

174 103.7 81.8 122.8





#47

Bromodichloromethane

Concen: 5.520 ug/l

RT: 9.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Instrument :

MSVOA_Y

ClientSampleId :

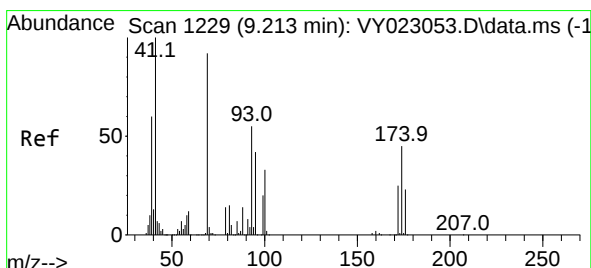
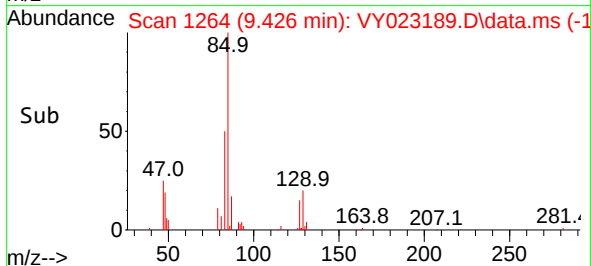
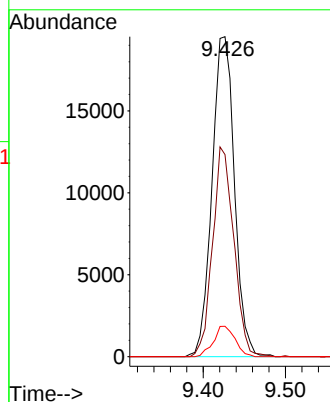
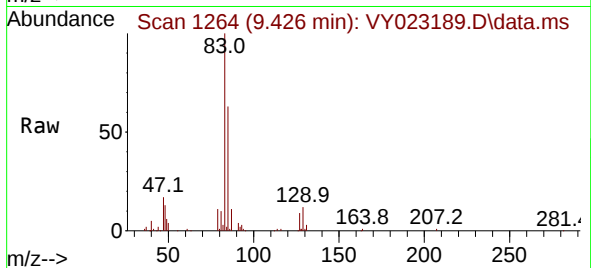
LOQ-SOIL-02-QT3-2025

Tgt Ion: 83	Resp: 3706
Ion Ratio	Lower Upper
83 100	
85 63.2	50.2 75.4
127 9.5	6.6 10.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#48

Methyl methacrylate

Concen: 3.654 ug/l

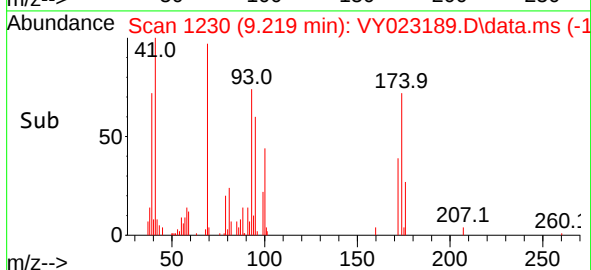
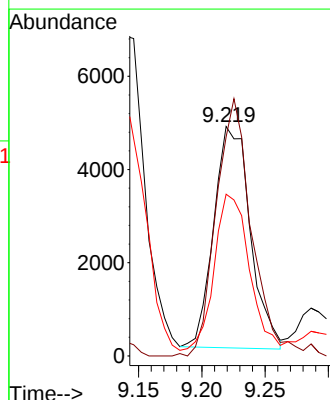
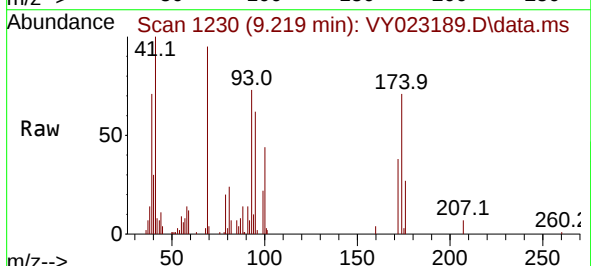
RT: 9.219 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Tgt Ion: 41	Resp: 9516
Ion Ratio	Lower Upper
41 100	
69 114.1	73.2 109.8
39 67.5	47.0 70.4





#49

1,4-Dioxane

Concen: 87.990 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.012 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Instrument :

MSVOA_Y

ClientSampleId :

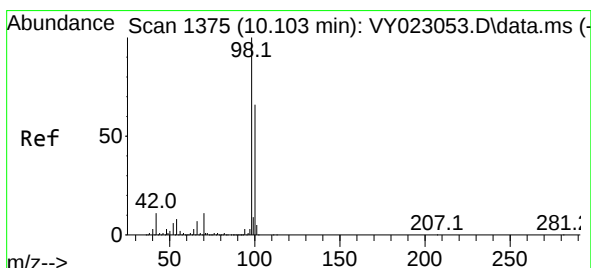
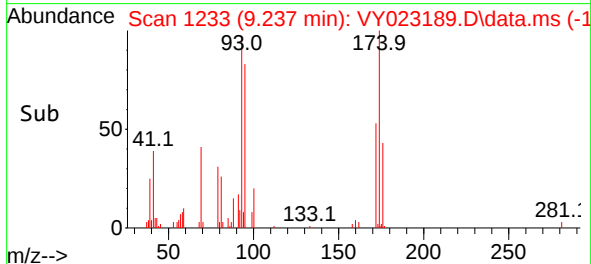
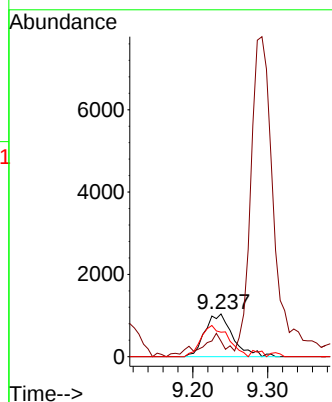
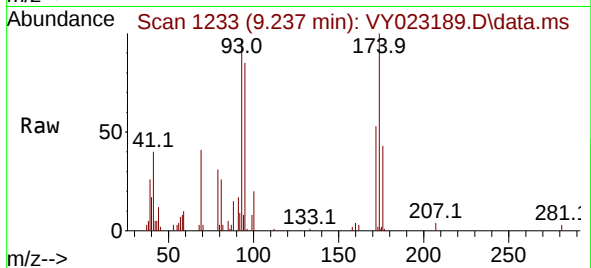
LOQ-SOIL-02-QT3-2025

Tgt Ion: 88 Resp: 2692
 Ion Ratio Lower Upper
 88 100
 43 19.5 24.3 36.5
 58 70.7 55.4 83.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#50

Toluene-d8

Concen: 49.553 ug/l

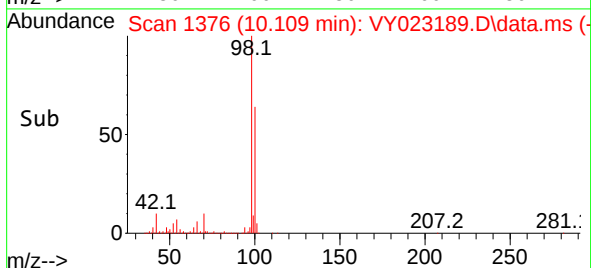
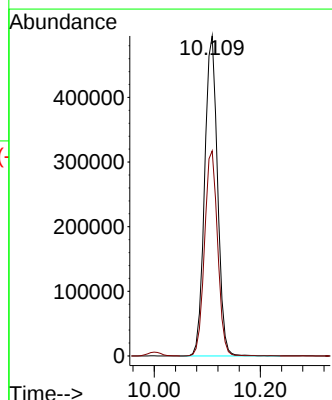
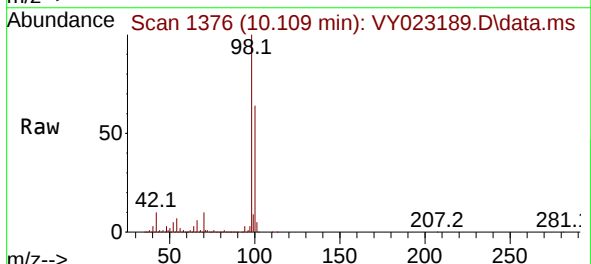
RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Tgt Ion: 98 Resp: 834993
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 20.731 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2025

Tgt Ion: 43 Resp: 5820

Ion Ratio Lower Upper

43 100

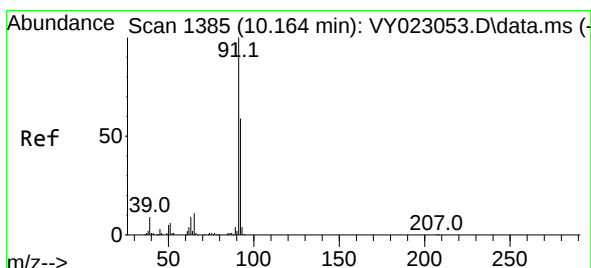
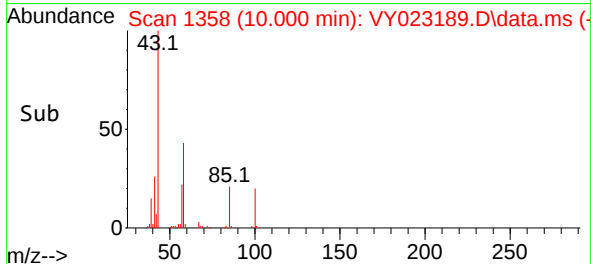
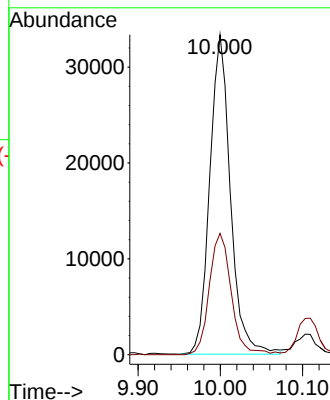
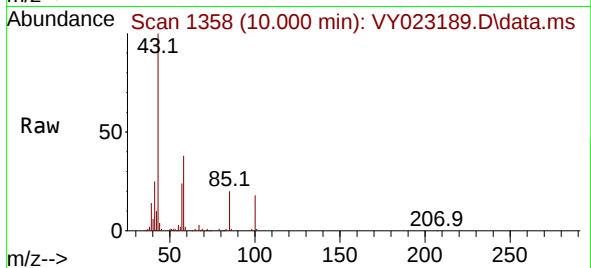
58 40.4 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#52

Toluene

Concen: 5.196 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023189.D

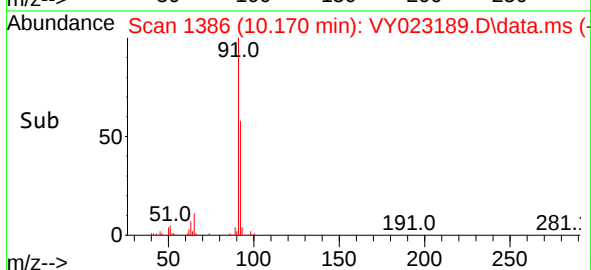
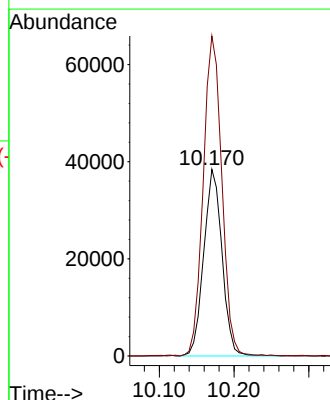
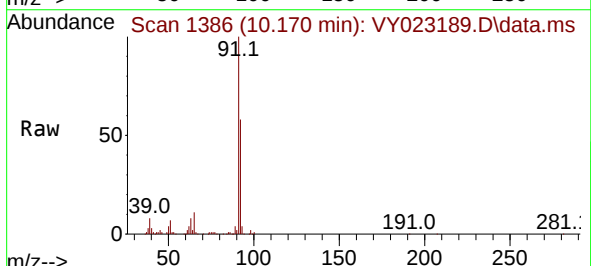
Acq: 22 Aug 2025 13:31

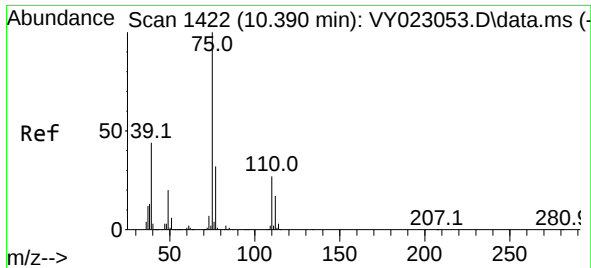
Tgt Ion: 92 Resp: 65199

Ion Ratio Lower Upper

92 100

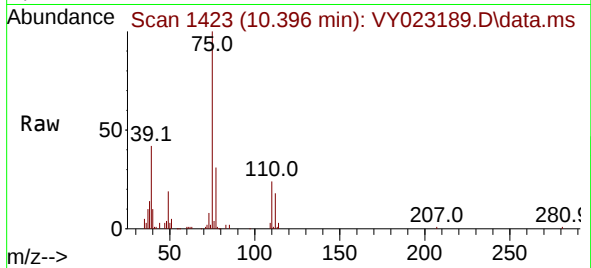
91 174.8 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 4.776 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

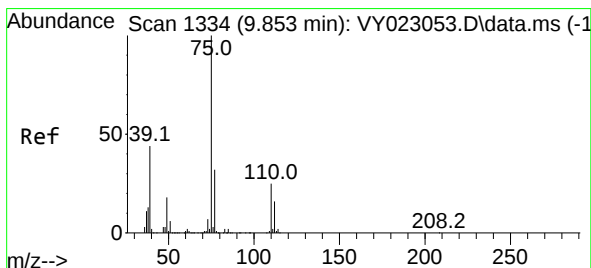
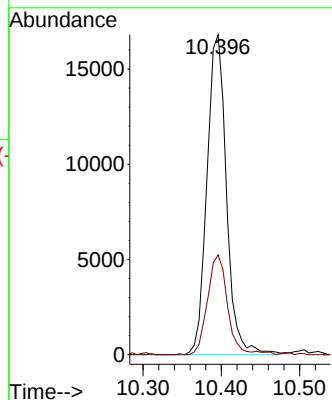
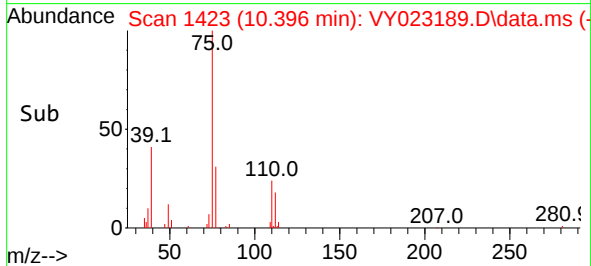
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2025



Tgt Ion: 75 Resp: 29040
Ion Ratio Lower Upper
75 100
77 30.8 25.7 38.5

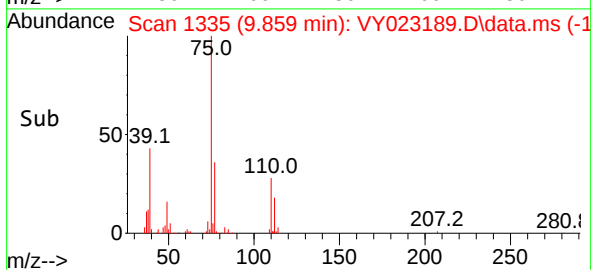
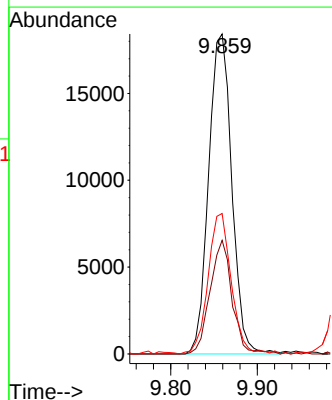
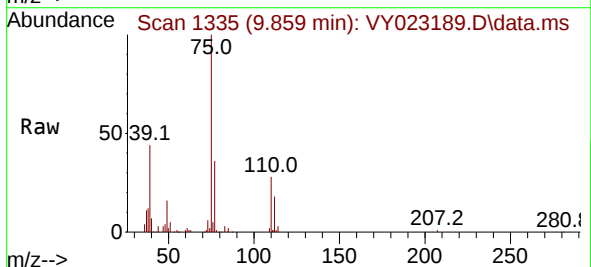
Manual Integrations
APPROVED

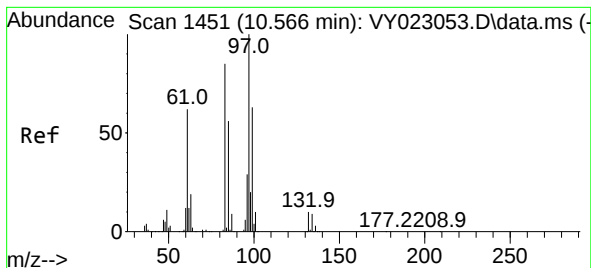
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#54
cis-1,3-Dichloropropene
Concen: 4.760 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

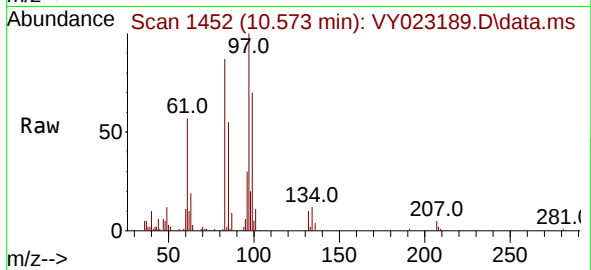
Tgt Ion: 75 Resp: 34221
Ion Ratio Lower Upper
75 100
77 35.5 25.4 38.0
39 43.9 35.6 53.4





#55
1,1,2-Trichloroethane
Concen: 5.236 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

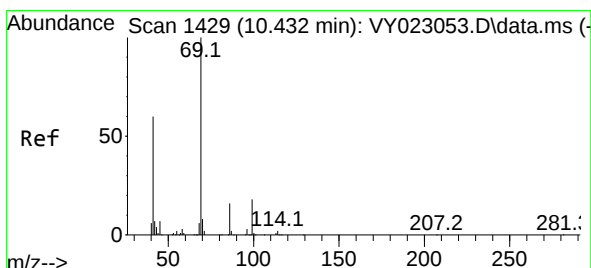
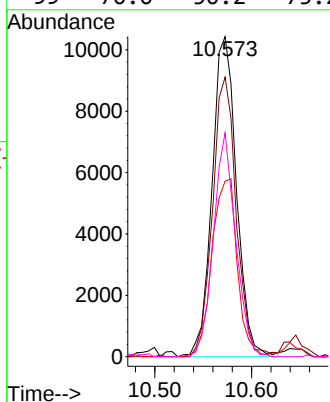
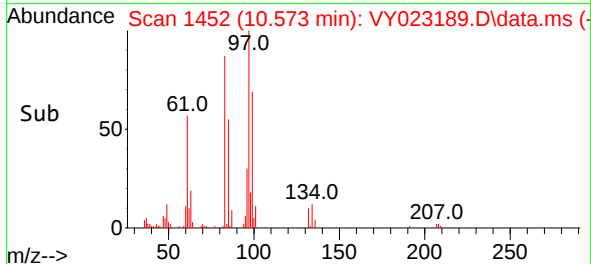
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2025



Tgt Ion: 97 Resp: 1828
Ion Ratio Lower Upper
97 100
83 87.4 67.7 101.5
85 54.9 44.5 66.7
99 70.0 50.2 75.2

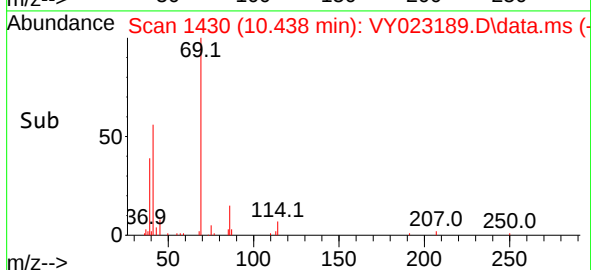
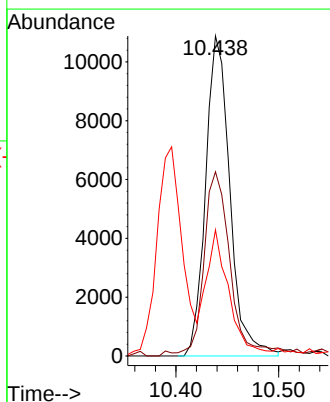
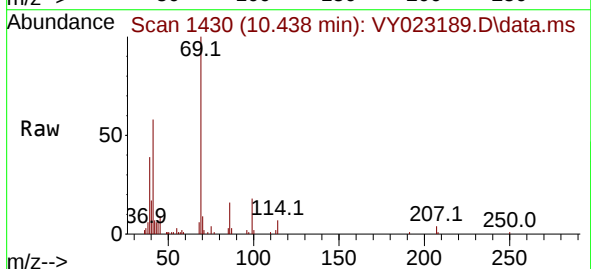
Manual Integrations
APPROVED

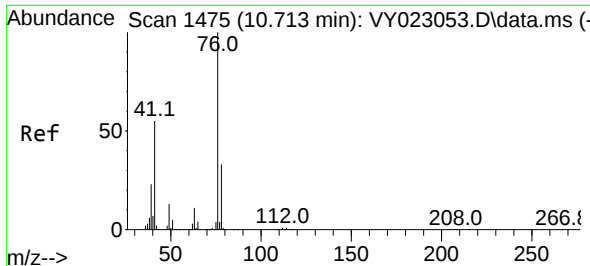
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#56
Ethyl methacrylate
Concen: 4.000 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

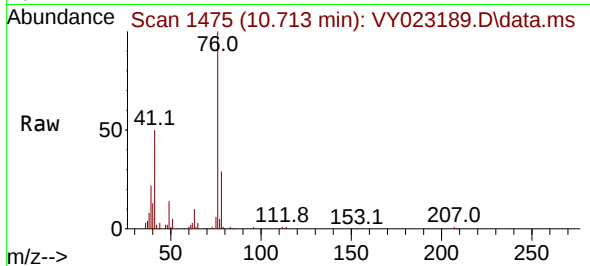
Tgt Ion: 69 Resp: 17872
Ion Ratio Lower Upper
69 100
41 63.8 48.6 72.8
39 33.7 27.0 40.4





#57
1,3-Dichloropropane
Concen: 5.073 ug/l
RT: 10.713 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

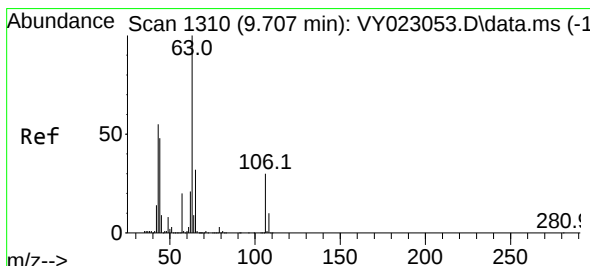
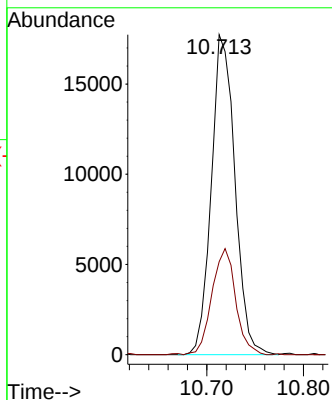
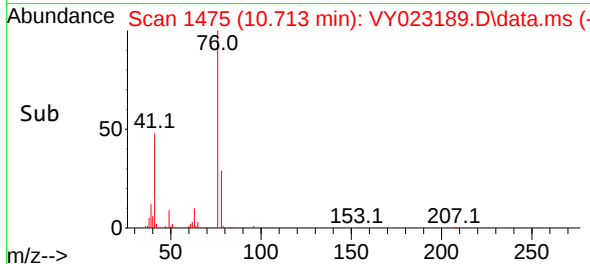
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2025



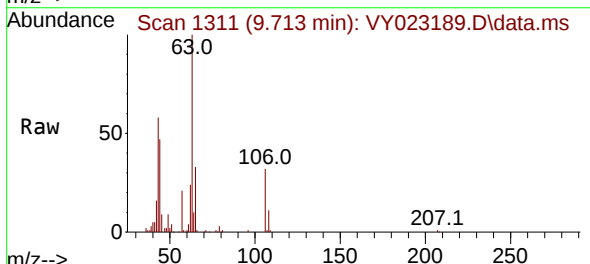
Tgt Ion: 76 Resp: 30030
Ion Ratio Lower Upper
76 100
78 33.4 26.0 39.0

Manual Integrations
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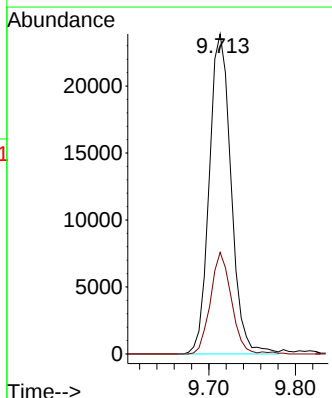
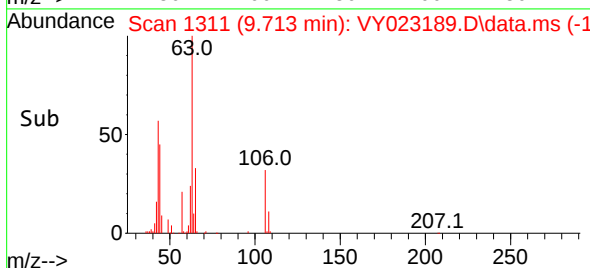
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

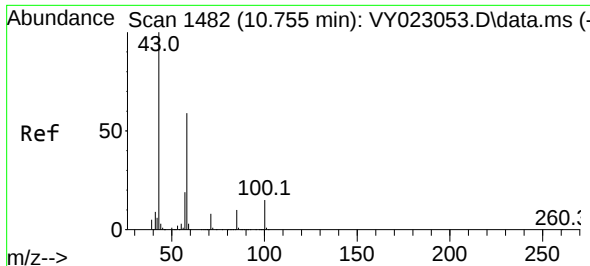


#58
2-Chloroethyl Vinyl ether
Concen: 19.851 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31



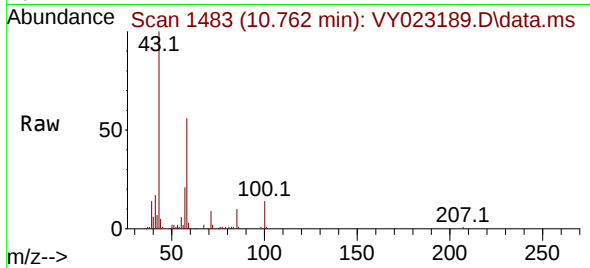
Tgt Ion: 63 Resp: 41835
Ion Ratio Lower Upper
63 100
106 30.1 23.2 34.8





#59
2-Hexanone
Concen: 19.243 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

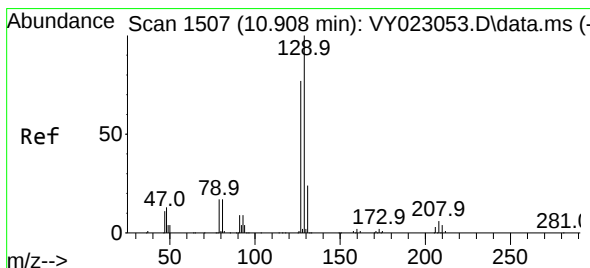
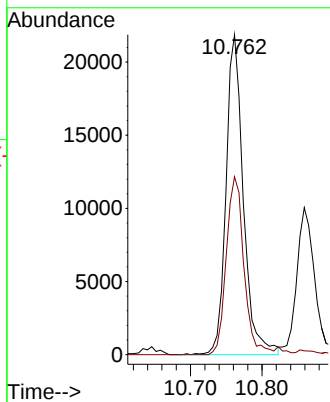
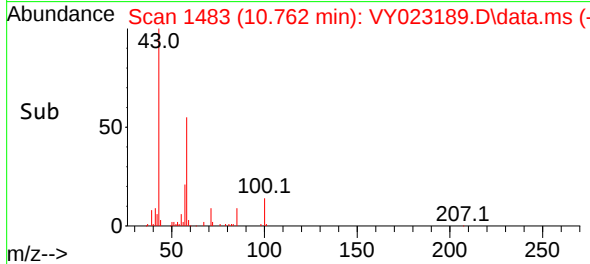
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



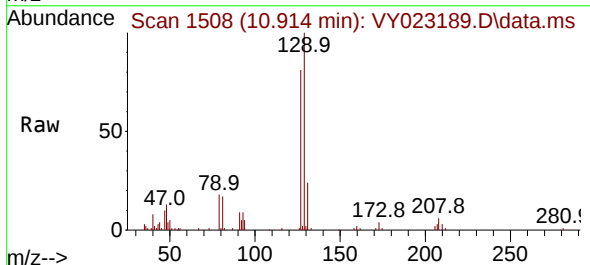
Tgt Ion: 43 Resp: 3678
Ion Ratio Lower Upper
43 100
58 56.6 29.5 88.5

Manual Integrations
APPROVED

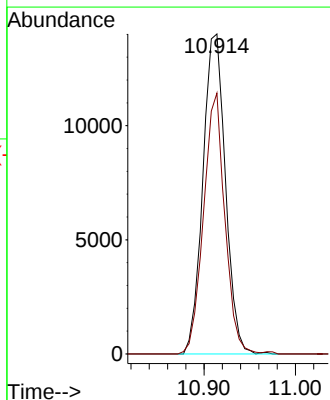
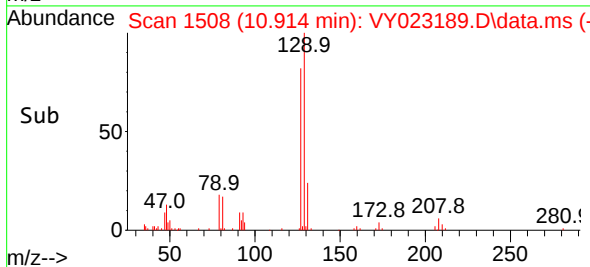
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

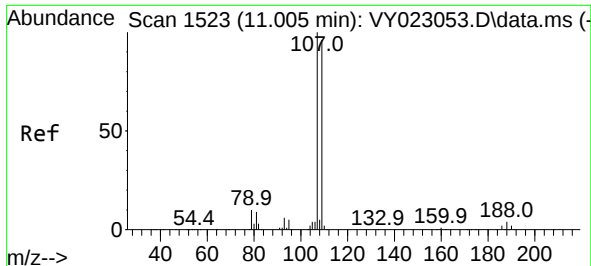


#60
Dibromochloromethane
Concen: 5.221 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31



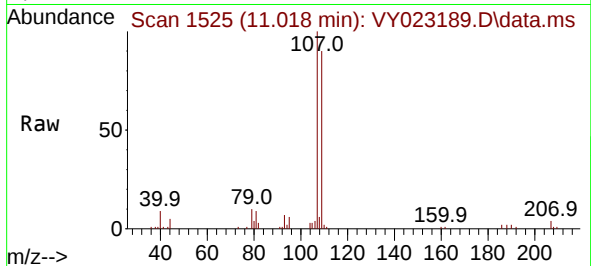
Tgt Ion:129 Resp: 24051
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61
1,2-Dibromoethane
Concen: 5.124 ug/l
RT: 11.018 min Scan# 1101
Delta R.T. 0.012 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

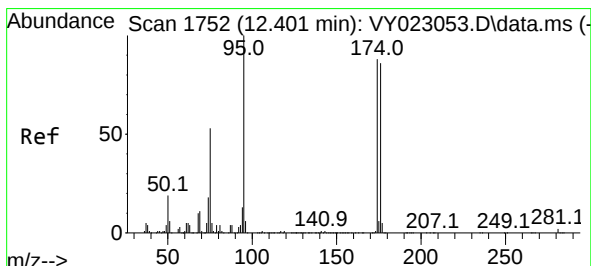
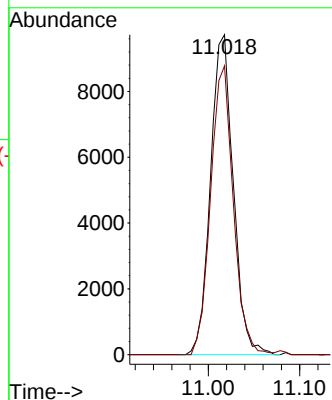
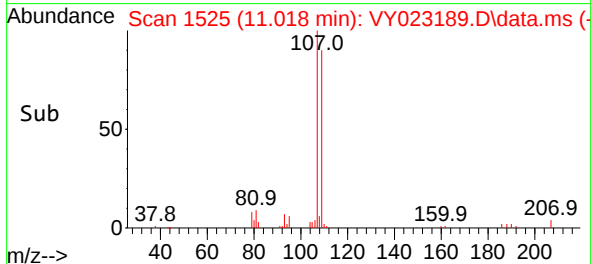
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:107 Resp: 1681
Ion Ratio Lower Upper
107 100
109 89.9 75.6 113.4

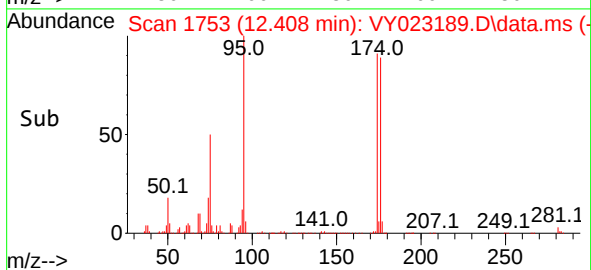
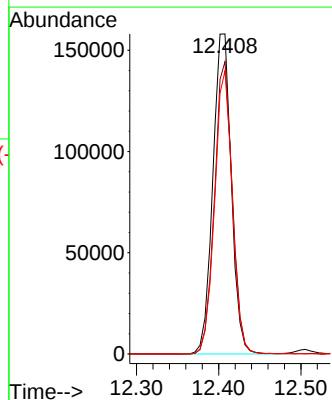
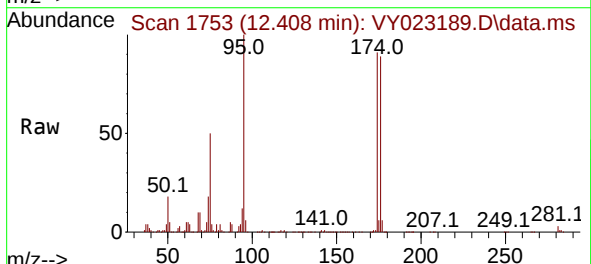
Manual Integrations
APPROVED

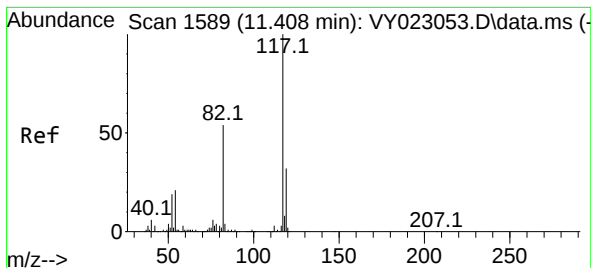
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#62
4-Bromofluorobenzene
Concen: 45.523 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

Tgt Ion: 95 Resp: 246695
Ion Ratio Lower Upper
95 100
174 88.4 0.0 171.6
176 85.0 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: VY023189.D

Acq: 22 Aug 2025 13:31

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2025

Tgt Ion:117 Resp: 615924

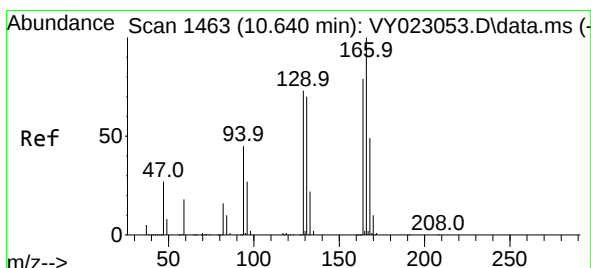
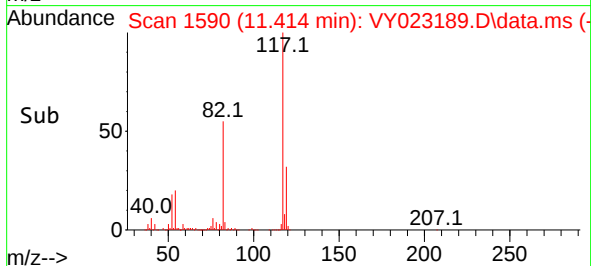
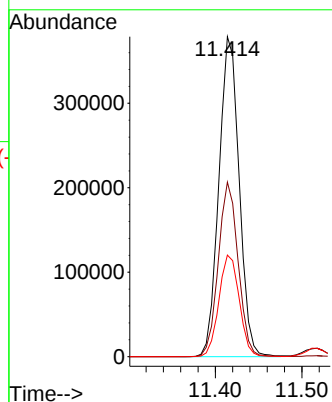
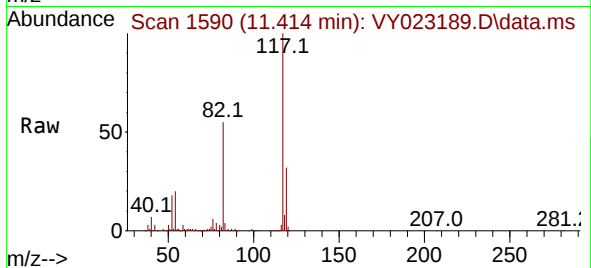
Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.4	65.0
119	31.8	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#64

Tetrachloroethene

Concen: 5.463 ug/l

RT: 10.646 min Scan# 1464

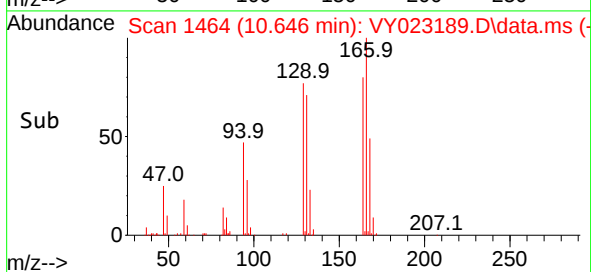
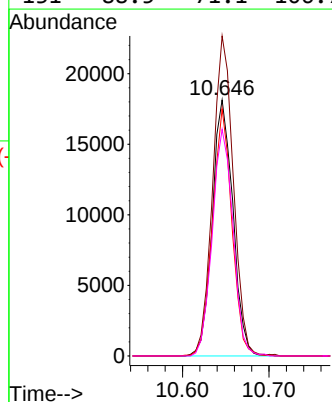
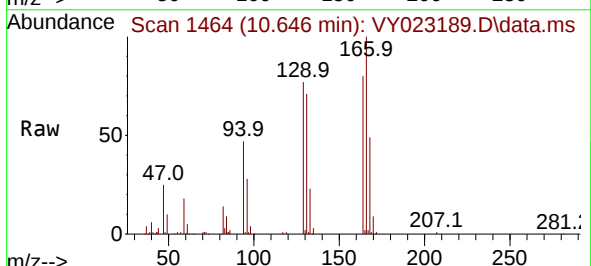
Delta R.T. 0.006 min

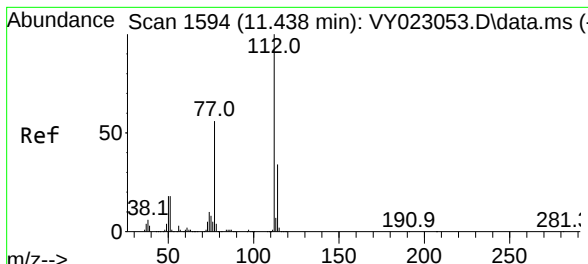
Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Tgt Ion:164 Resp: 30047

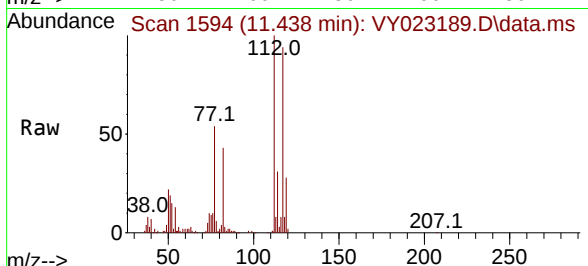
Ion	Ratio	Lower	Upper
164	100		
166	125.0	101.1	151.7
129	96.6	74.0	111.0
131	88.5	71.1	106.7





#65
Chlorobenzene
Concen: 5.366 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

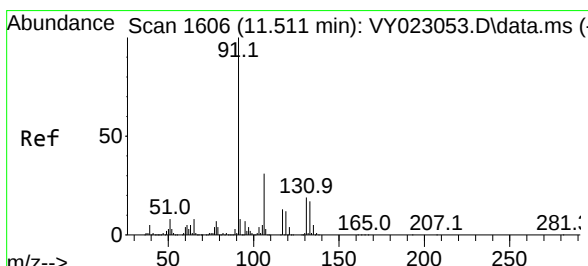
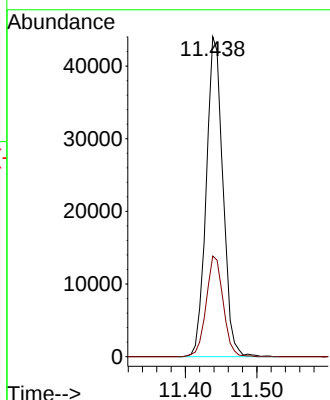
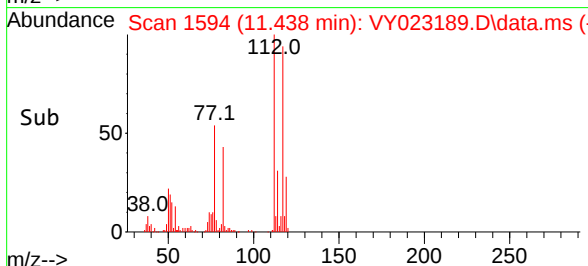
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:112 Resp: 7128
Ion Ratio Lower Upper
112 100
114 31.4 27.0 40.4

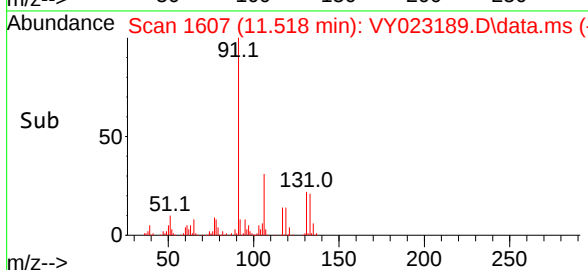
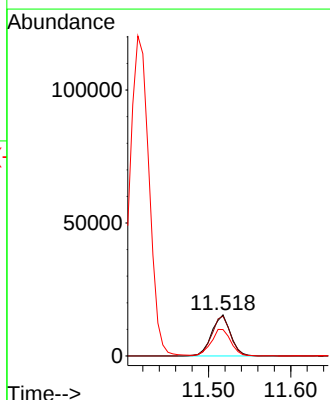
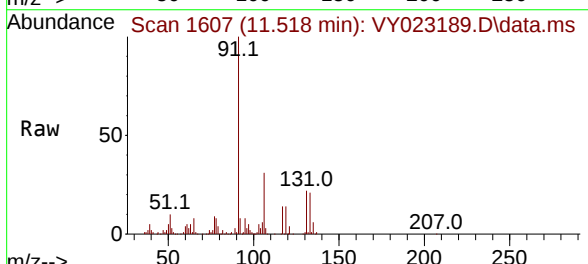
Manual Integrations
APPROVED

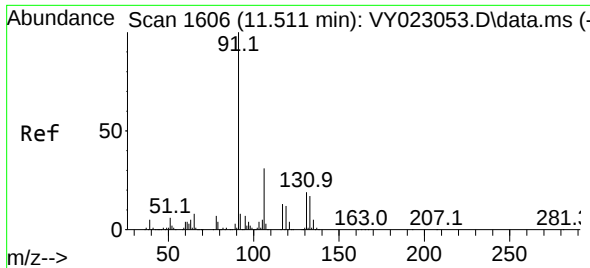
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 5.472 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

Tgt Ion:131 Resp: 24673
Ion Ratio Lower Upper
131 100
133 96.2 46.9 140.6
119 67.4 33.2 99.6





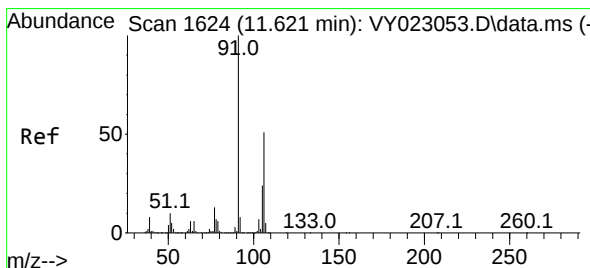
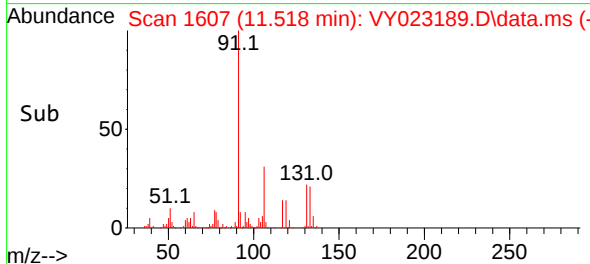
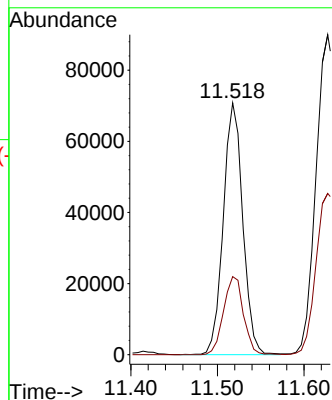
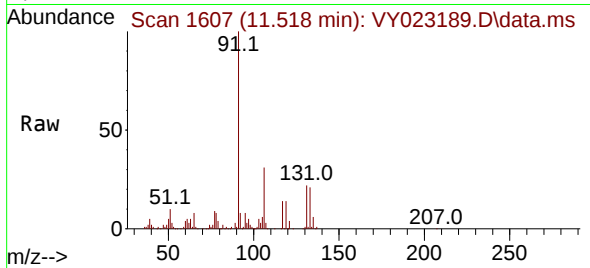
#67
Ethyl Benzene
Concen: 4.837 ug/l
RT: 11.518 min Scan# 110590
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

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

Tgt Ion: 91 Resp: 110590
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4

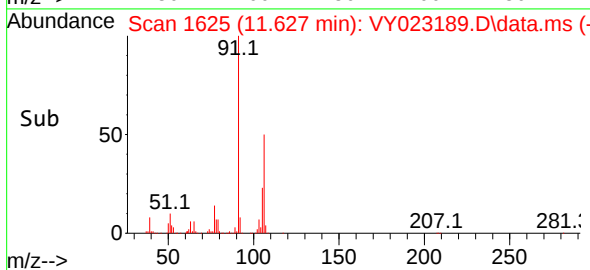
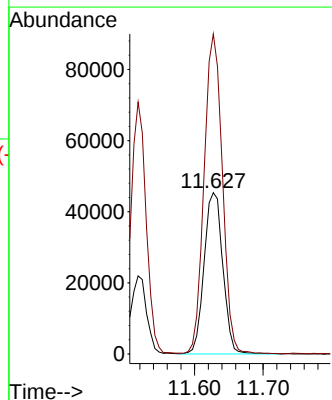
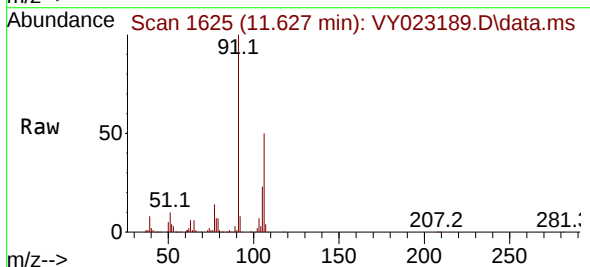
Manual Integrations
APPROVED

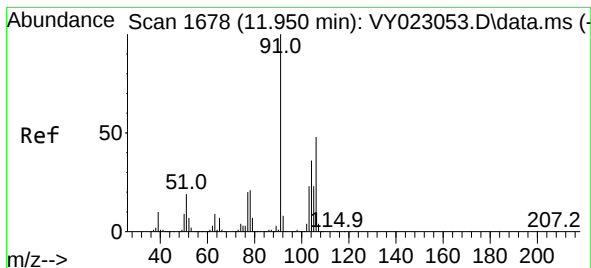
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#68
m/p-Xylenes
Concen: 9.684 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

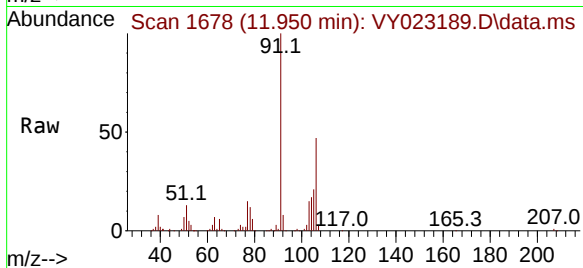
Tgt Ion:106 Resp: 86470
Ion Ratio Lower Upper
106 100
91 193.6 158.6 238.0





#69
o-Xylene
Concen: 4.664 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

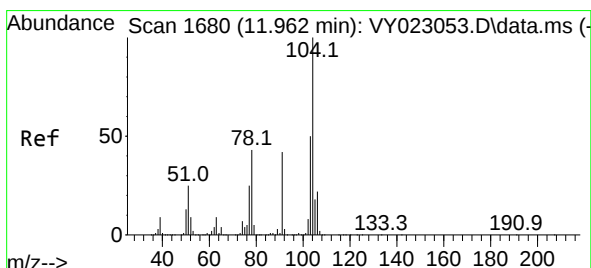
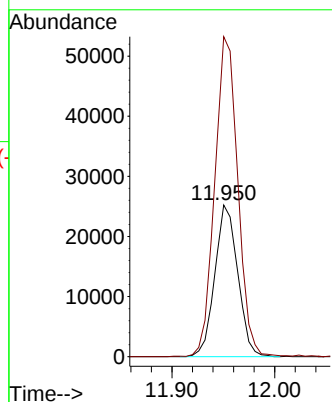
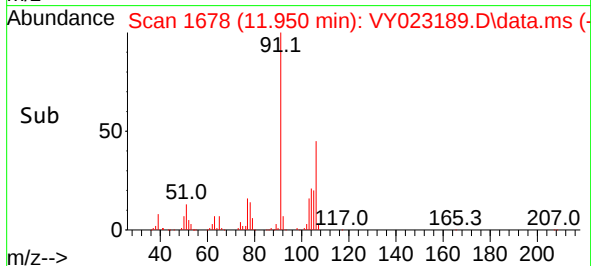
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



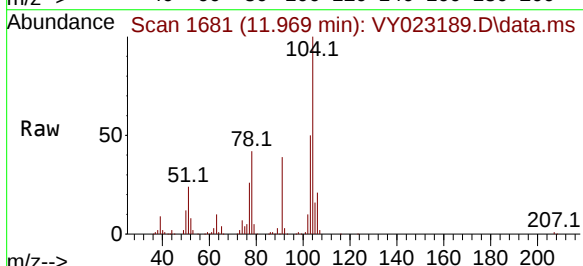
Tgt Ion:106 Resp: 3900
Ion Ratio Lower Upper
106 100
91 212.8 103.2 309.4

Manual Integrations
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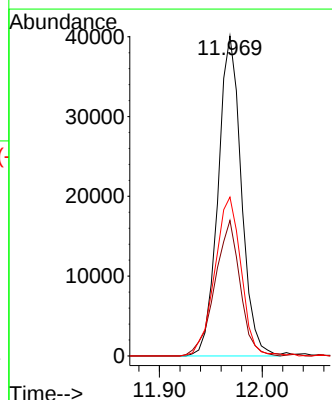
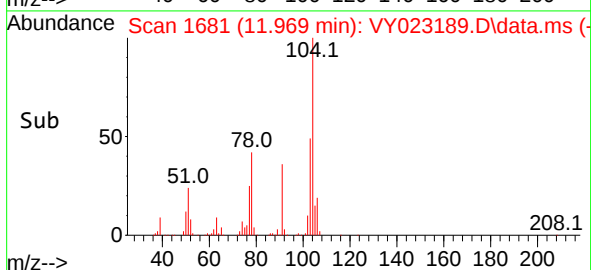
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

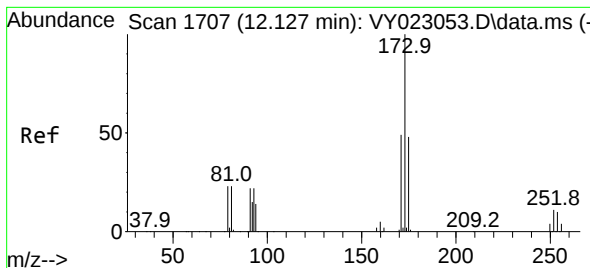


#70
Styrene
Concen: 4.605 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31



Tgt Ion:104 Resp: 62987
Ion Ratio Lower Upper
104 100
78 46.0 38.5 57.7
103 56.3 43.7 65.5





#71

Bromoform

Concen: 5.155 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Instrument :

MSVOA_Y

ClientSampleId :

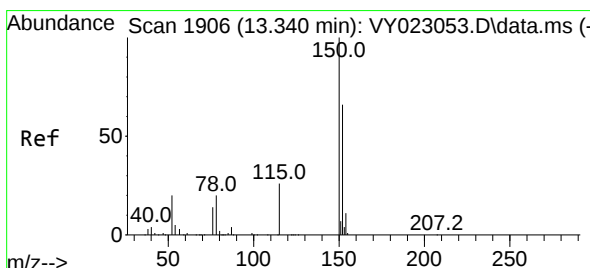
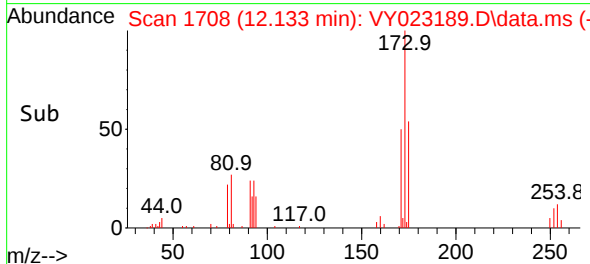
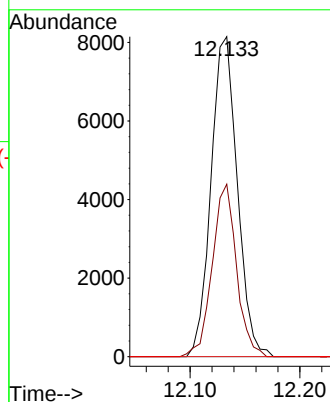
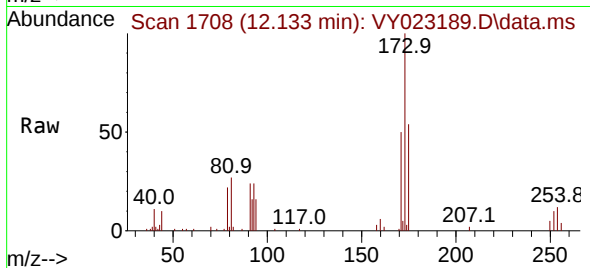
LOQ-SOIL-02-QT3-2025

Tgt Ion:173 Resp: 13584
 Ion Ratio Lower Upper
 173 100
 175 49.7 23.9 71.7
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

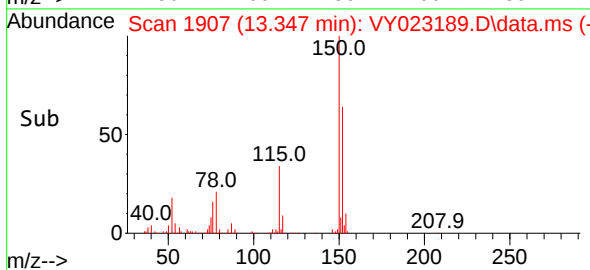
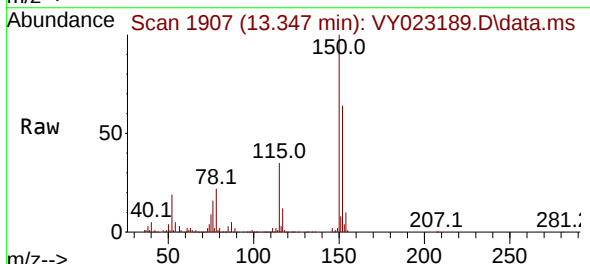
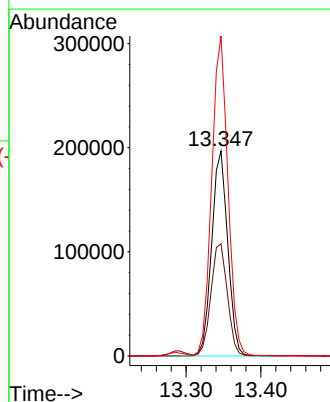
RT: 13.347 min Scan# 1907

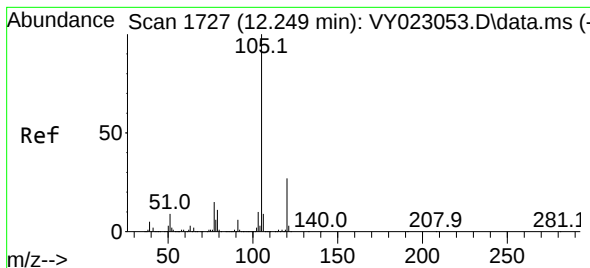
Delta R.T. 0.006 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Tgt Ion:152 Resp: 293369
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.2 84.6
 150 157.2 0.0 348.0





#73

Isopropylbenzene

Concen: 4.879 ug/l

RT: 12.255 min Scan# 1727

Delta R.T. 0.006 min

Lab File: VY023189.D

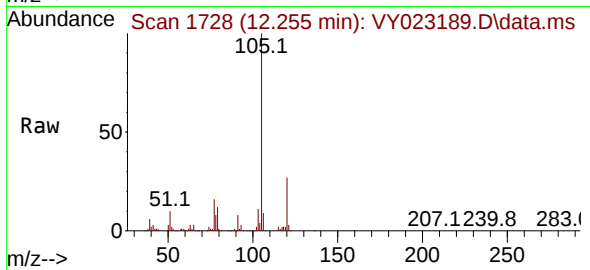
Acq: 22 Aug 2025 13:31

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2025



Tgt Ion:105 Resp: 10103

Ion Ratio Lower Upper

105 100

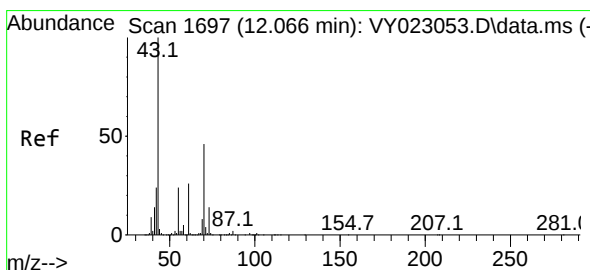
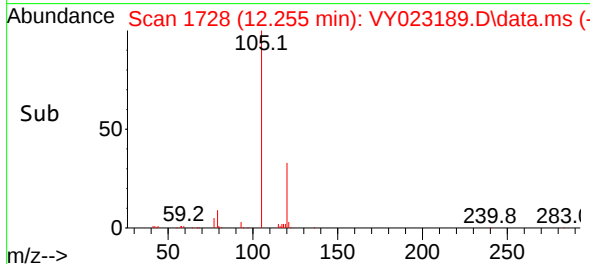
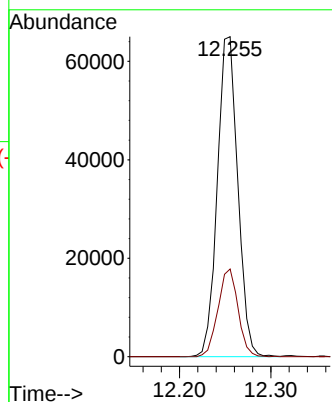
120 26.8 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#74

N-ethyl acetate

Concen: 3.916 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Tgt Ion: 43 Resp: 17194

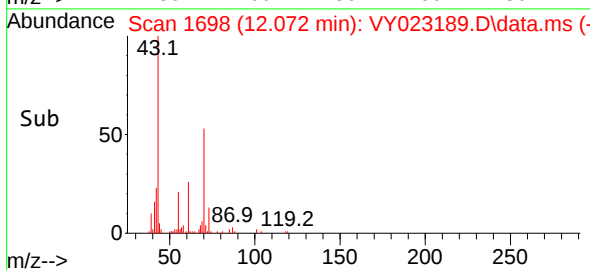
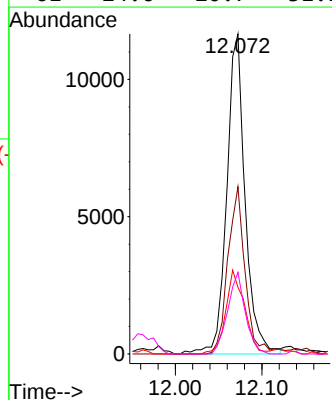
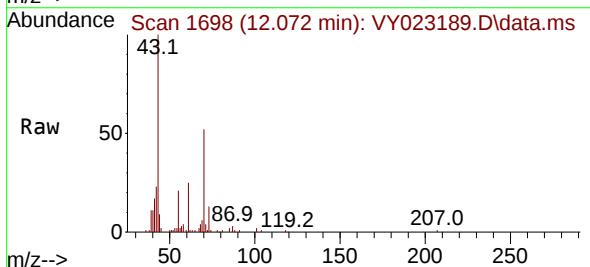
Ion Ratio Lower Upper

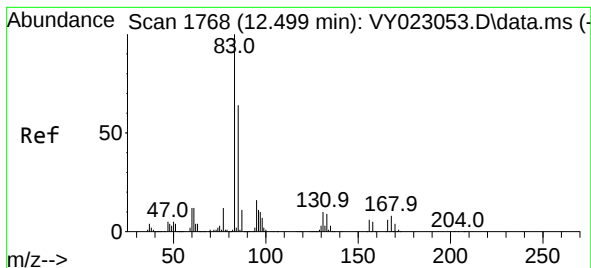
43 100

70 49.6 37.5 56.3

55 26.6 20.7 31.1

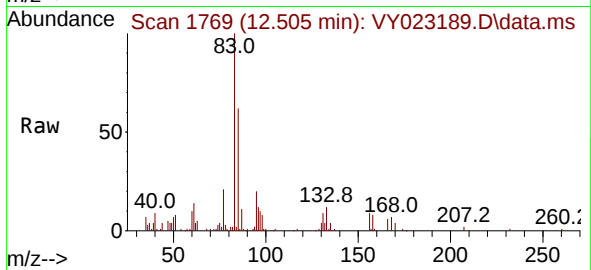
61 24.6 20.7 31.1





#75
1,1,2,2-Tetrachloroethane
Concen: 5.495 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

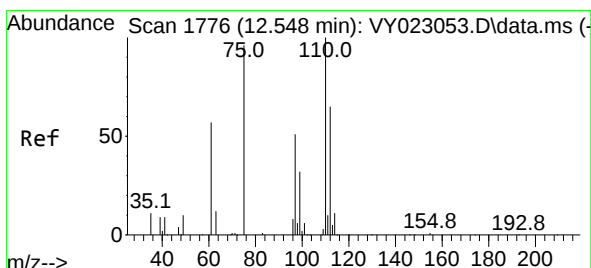
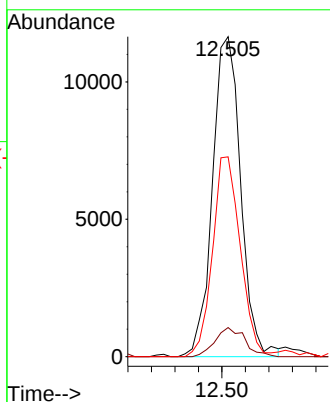
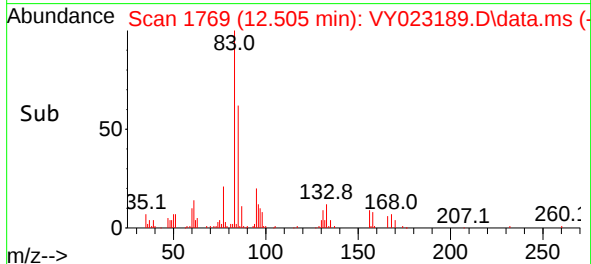
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 83 Resp: 19429
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 61.5 31.8 95.3

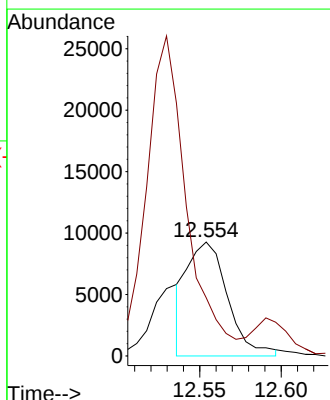
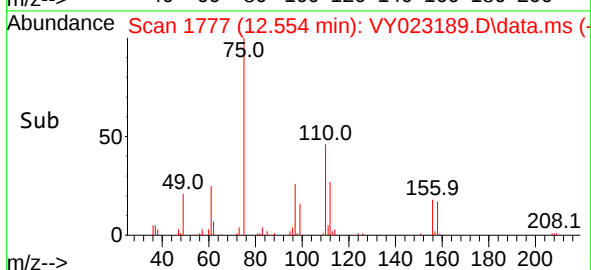
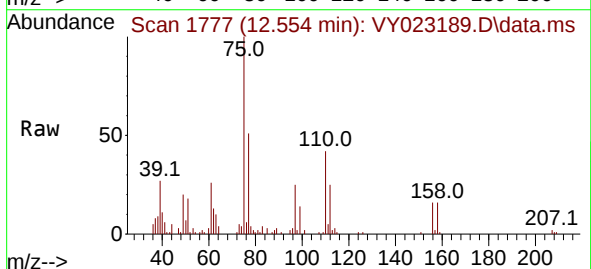
Manual Integrations
APPROVED

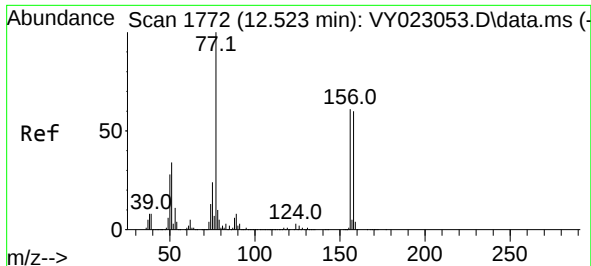
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#76
1,2,3-Trichloropropane
Concen: 5.680 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

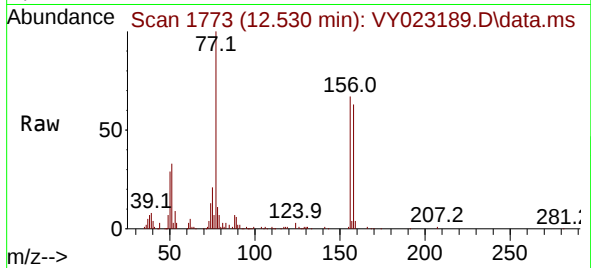
Tgt Ion: 75 Resp: 16082
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 5.435 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

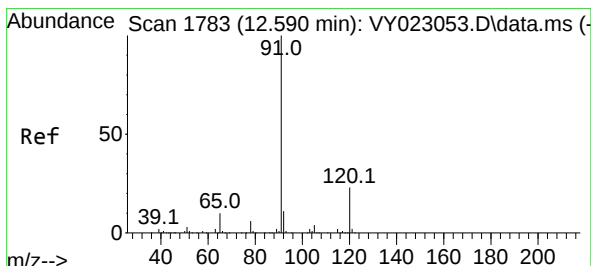
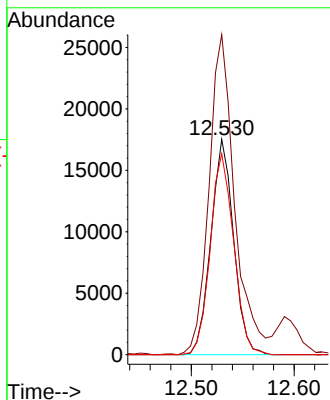
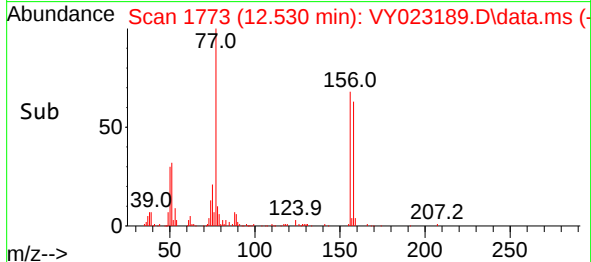
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:156 Resp: 26840
Ion Ratio Lower Upper
156 100
77 167.4 88.1 264.4
158 96.5 48.0 144.0

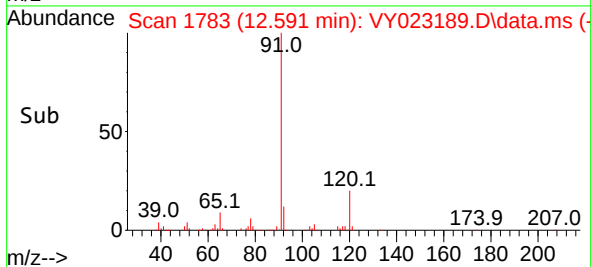
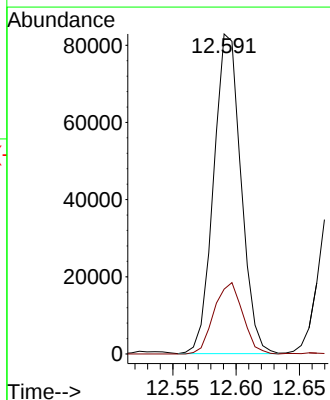
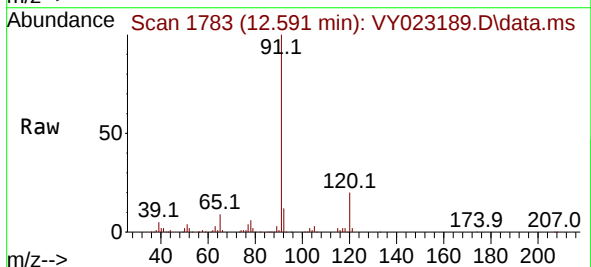
Manual Integrations
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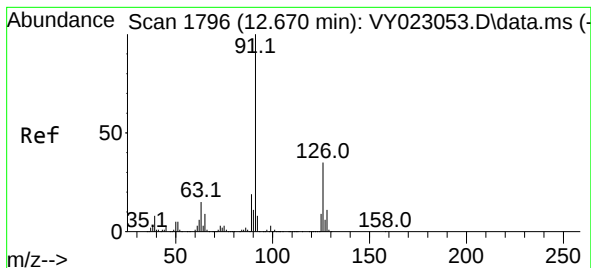
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#78
n-propylbenzene
Concen: 5.048 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

Tgt Ion: 91 Resp: 124449
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.5





#79

2-Chlorotoluene

Concen: 5.126 ug/l

RT: 12.676 min Scan# 1796

Delta R.T. 0.006 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2025

Tgt Ion: 91 Resp: 72404

Ion Ratio Lower Upper

91 100

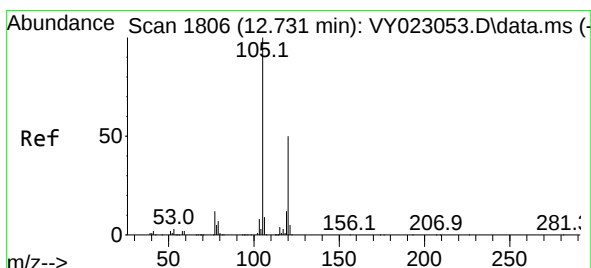
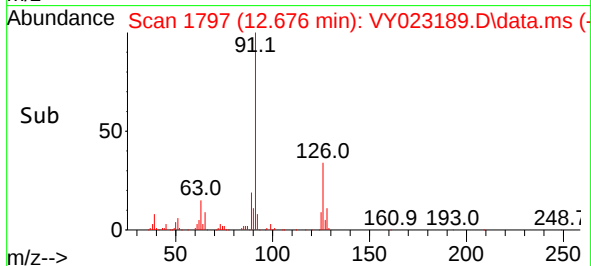
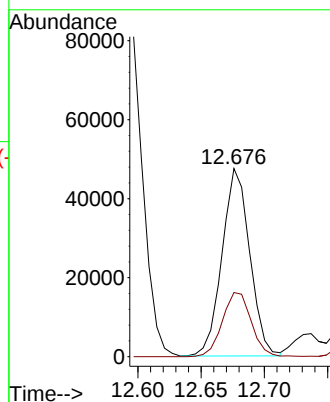
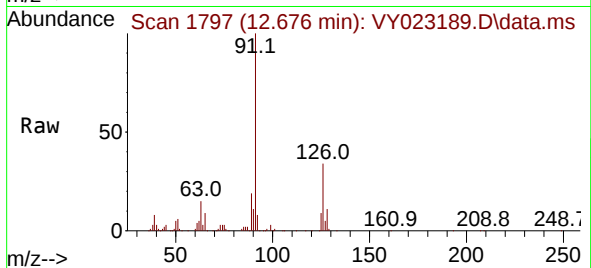
126 35.7 17.4 52.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#80

1,3,5-Trimethylbenzene

Concen: 4.953 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023189.D

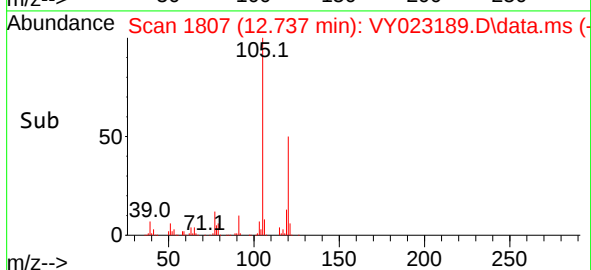
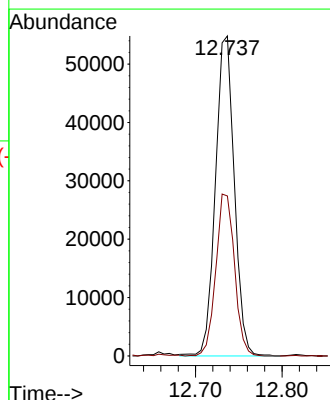
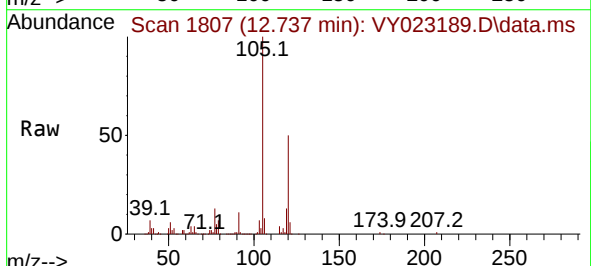
Acq: 22 Aug 2025 13:31

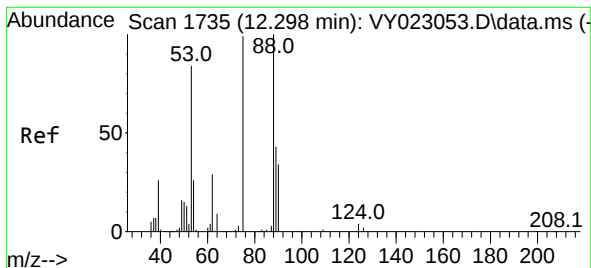
Tgt Ion:105 Resp: 82882

Ion Ratio Lower Upper

105 100

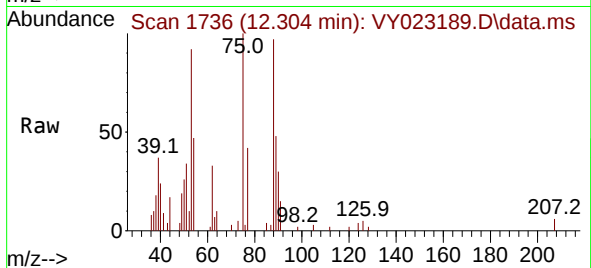
120 50.2 24.8 74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 4.820 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

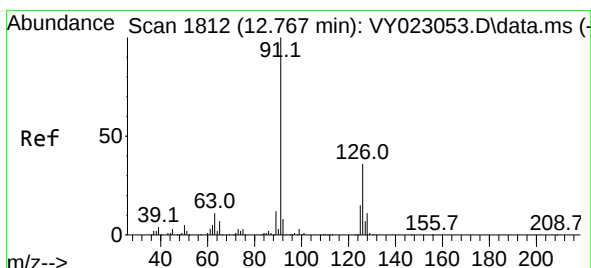
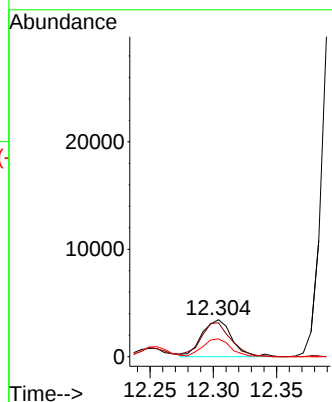
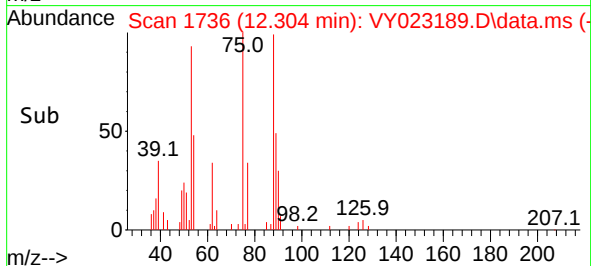
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 75 Resp: 5638
Ion Ratio Lower Upper
75 100
53 92.2 70.8 106.2
89 45.3 38.1 57.1

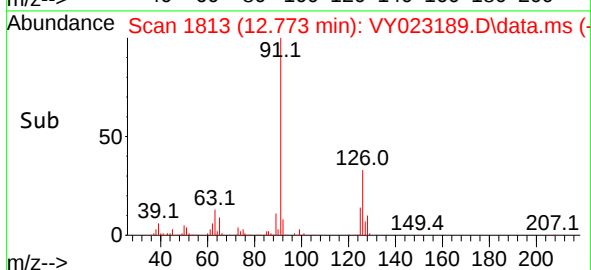
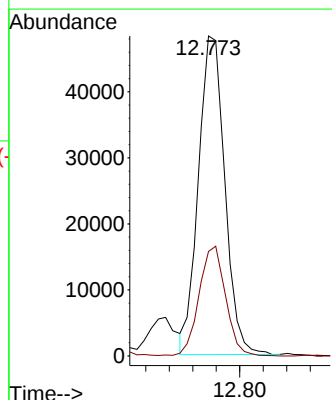
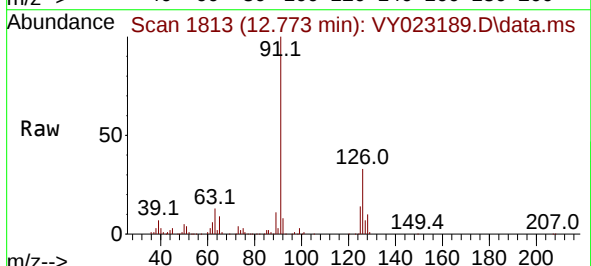
Manual Integrations
APPROVED

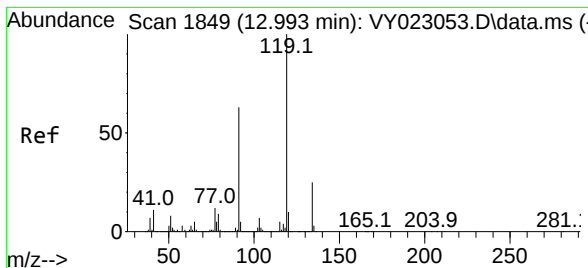
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#82
4-Chlorotoluene
Concen: 5.131 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

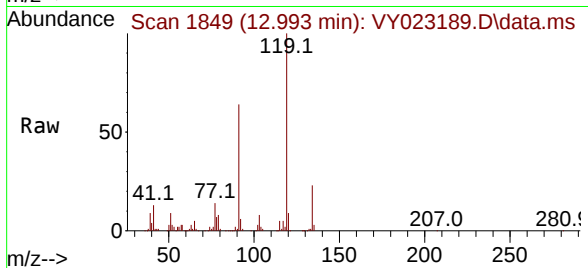
Tgt Ion: 91 Resp: 75180
Ion Ratio Lower Upper
91 100
126 34.7 17.3 52.0





#83
tert-Butylbenzene
Concen: 4.875 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

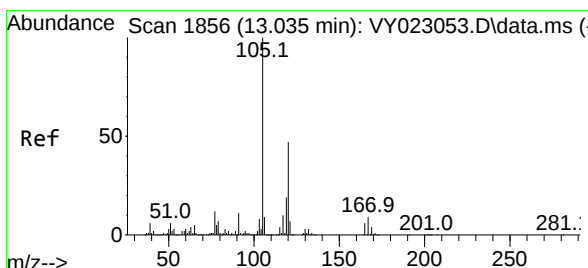
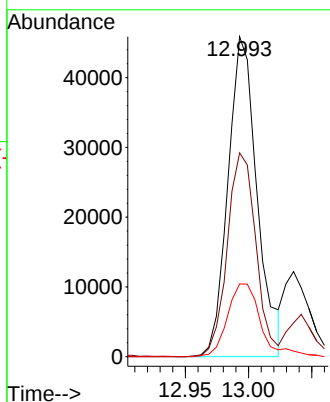
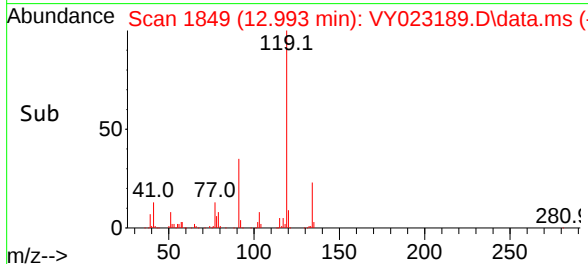
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2025



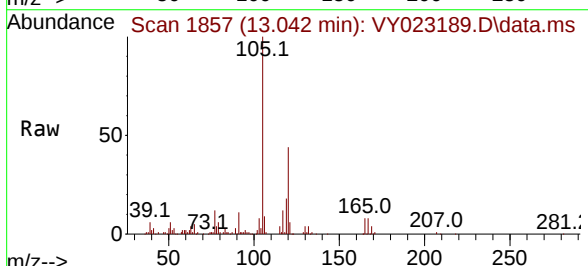
Tgt Ion:119 Resp: 73679
Ion Ratio Lower Upper
119 100
91 62.5 31.6 94.8
134 25.9 12.9 38.7

Manual Integrations
APPROVED

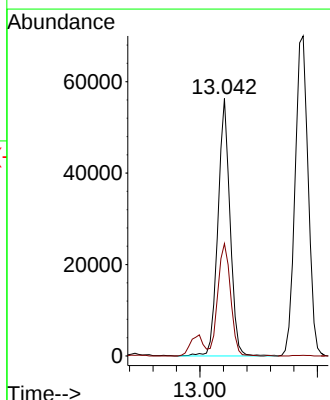
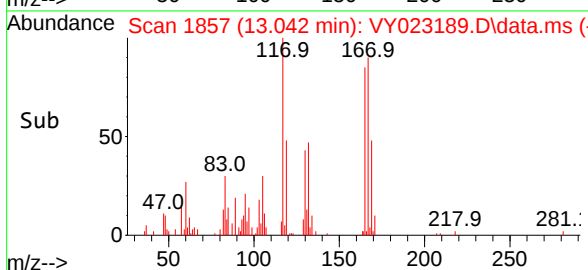
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

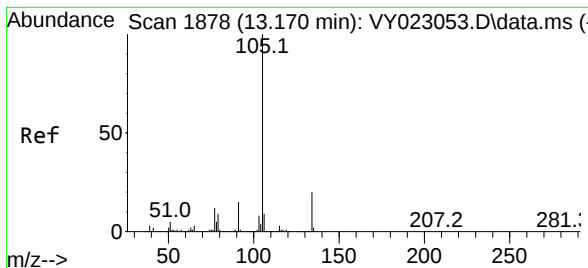


#84
1,2,4-Trimethylbenzene
Concen: 4.822 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31



Tgt Ion:105 Resp: 80332
Ion Ratio Lower Upper
105 100
120 46.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 4.862 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023189.D

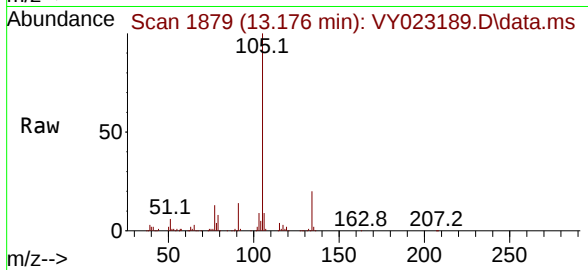
Acq: 22 Aug 2025 13:31

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2025



Tgt Ion:105 Resp: 107944

Ion Ratio Lower Upper

105 100

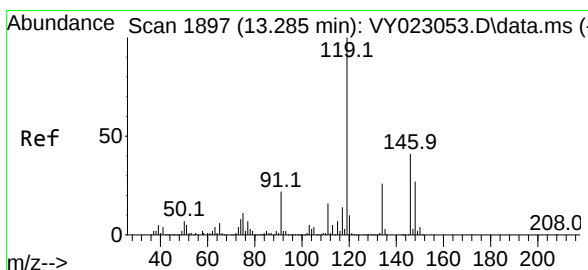
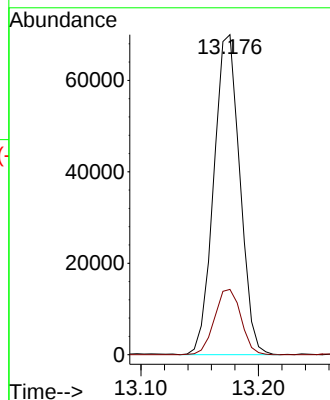
134 20.7 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#86

p-Isopropyltoluene

Concen: 4.774 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

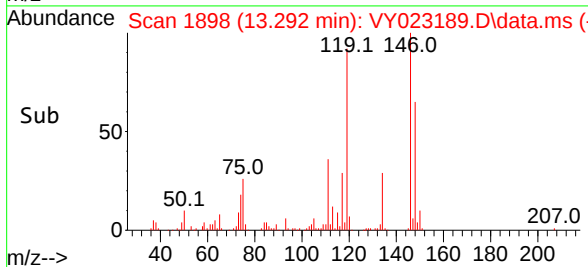
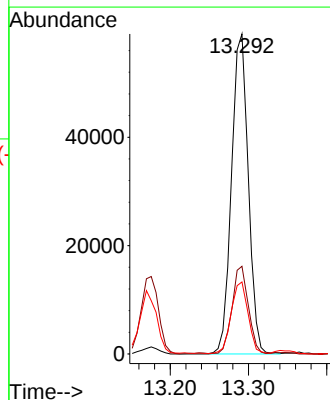
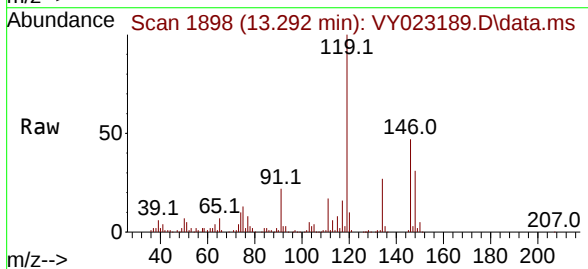
Tgt Ion:119 Resp: 87972

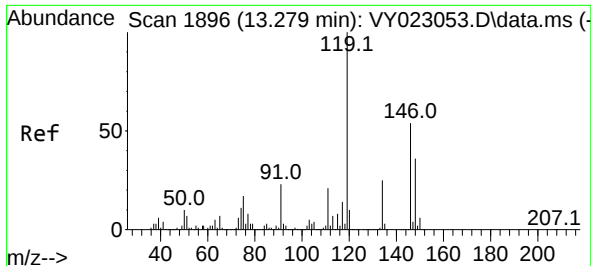
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.6

91 22.8 11.3 33.8





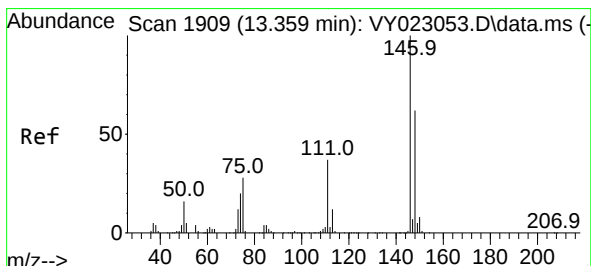
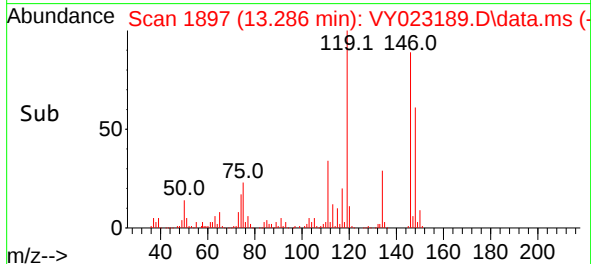
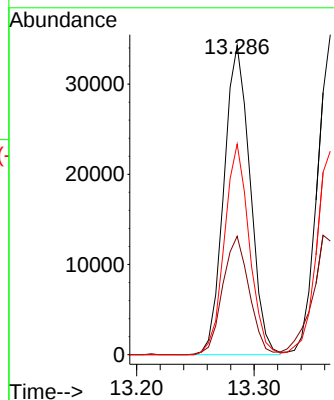
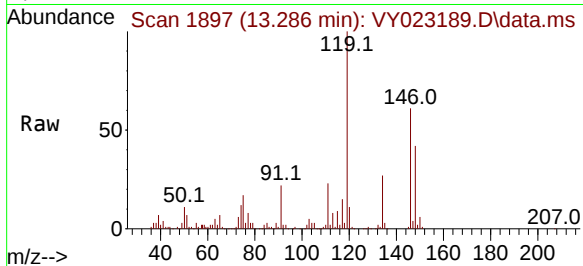
#87
1,3-Dichlorobenzene
Concen: 5.442 ug/l
RT: 13.286 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

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

Tgt Ion:146 Resp: 53010
Ion Ratio Lower Upper
146 100
111 38.7 19.6 58.7
148 64.9 32.5 97.5

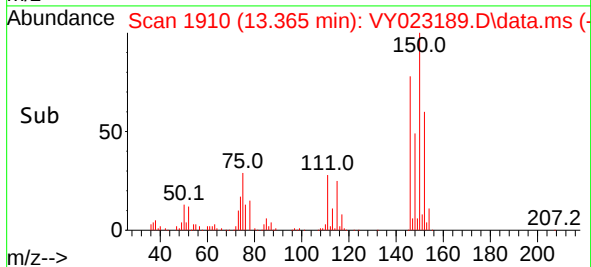
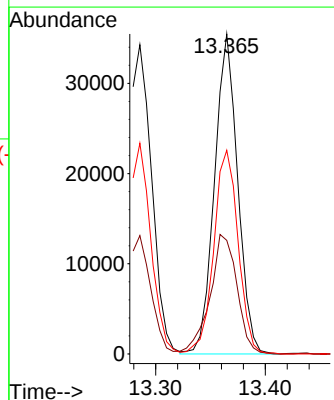
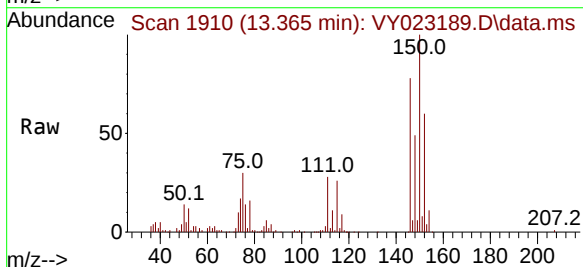
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#88
1,4-Dichlorobenzene
Concen: 5.396 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

Tgt Ion:146 Resp: 52144
Ion Ratio Lower Upper
146 100
111 43.7 19.1 57.1
148 67.0 31.6 94.7





#89

n-Butylbenzene

Concen: 4.718 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY023189.D

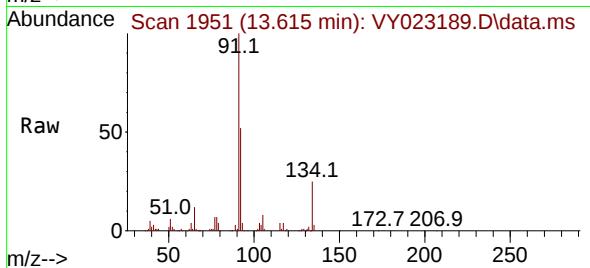
Acq: 22 Aug 2025 13:31

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2025

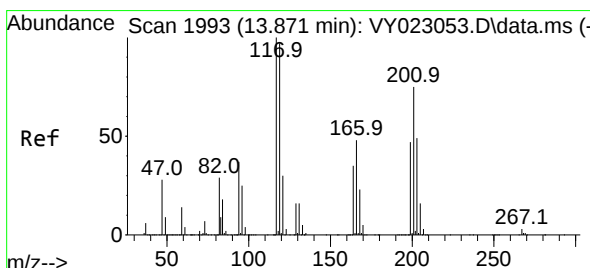
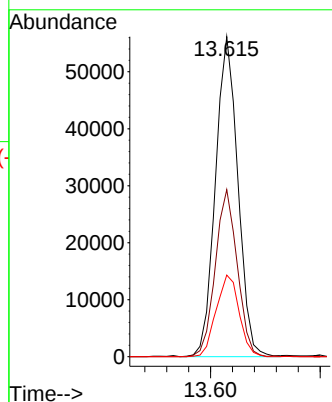
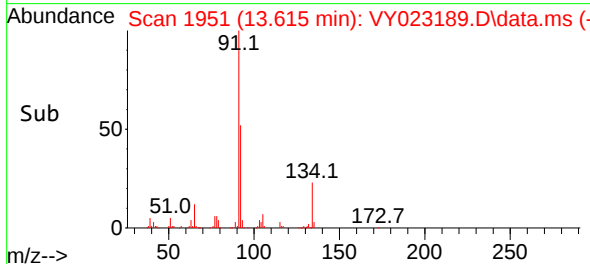


Tgt Ion:	91	Resp:	7985
Ion Ratio	Lower	Upper	
91	100		
92	51.2	26.9	80.7
134	26.2	13.2	39.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#90

Hexachloroethane

Concen: 5.795 ug/l

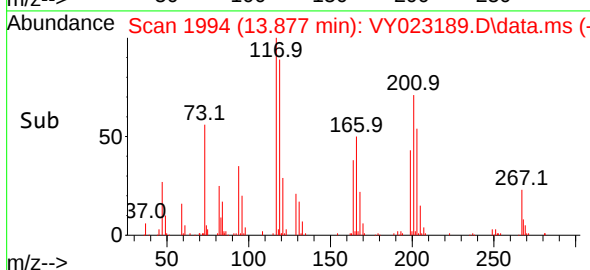
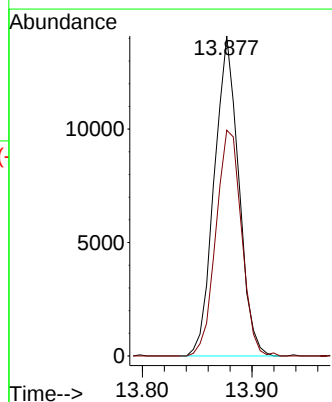
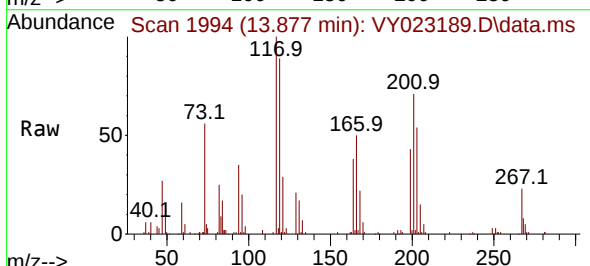
RT: 13.877 min Scan# 1994

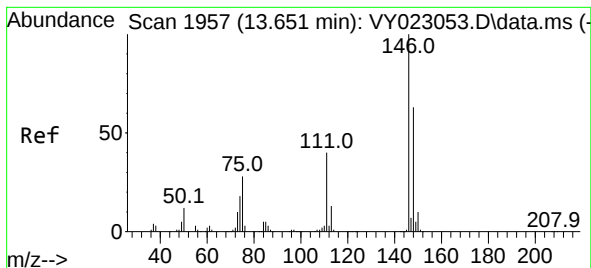
Delta R.T. 0.006 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Tgt Ion:	117	Resp:	21863
Ion Ratio	Lower	Upper	
117	100		
201	73.9	38.4	115.1





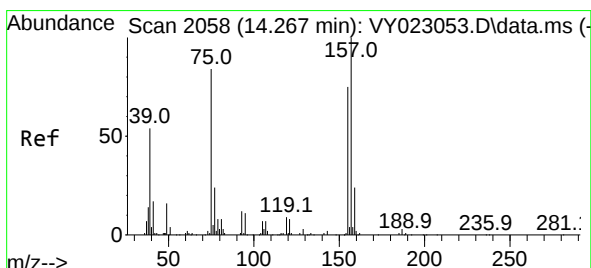
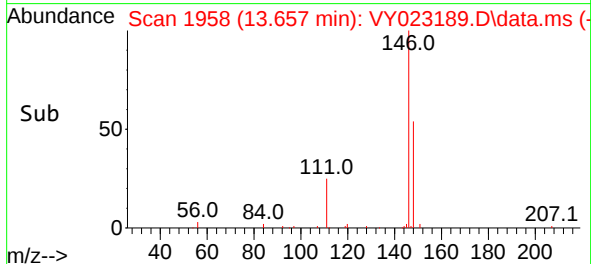
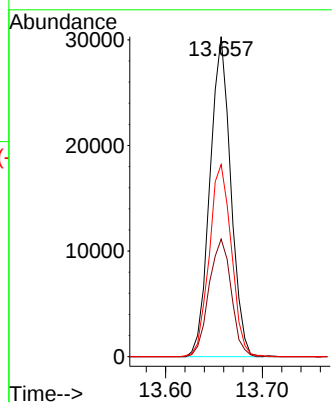
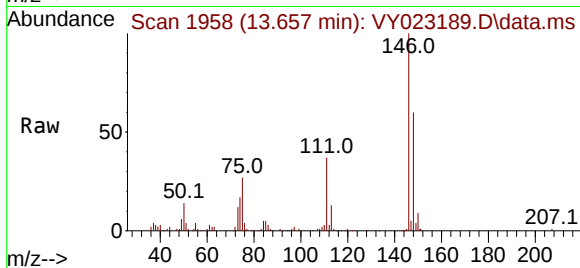
#91
1,2-Dichlorobenzene
Concen: 5.311 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

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

Tgt Ion:146 Resp: 45370
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.8
148 63.8 32.2 96.6

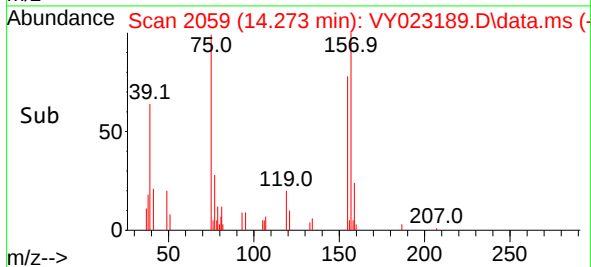
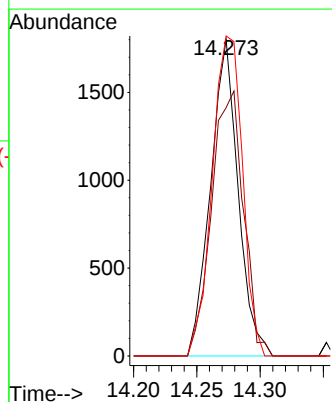
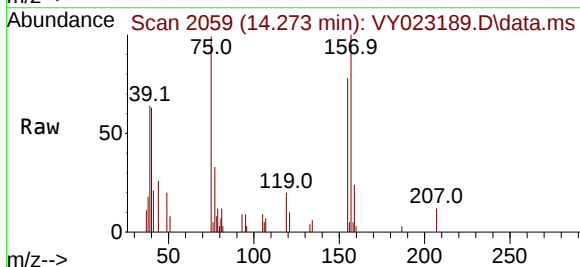
Manual Integrations
APPROVED

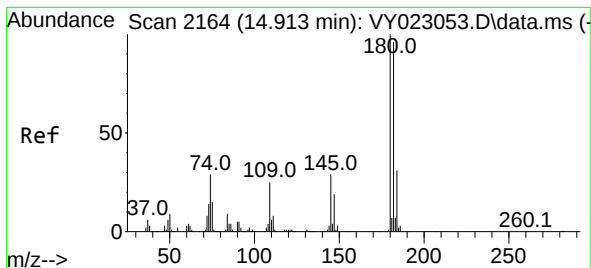
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.958 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023189.D
Acq: 22 Aug 2025 13:31

Tgt Ion: 75 Resp: 2729
Ion Ratio Lower Upper
75 100
155 96.8 43.9 131.6
157 110.9 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 4.748 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Instrument :

MSVOA_Y

ClientSampleId :

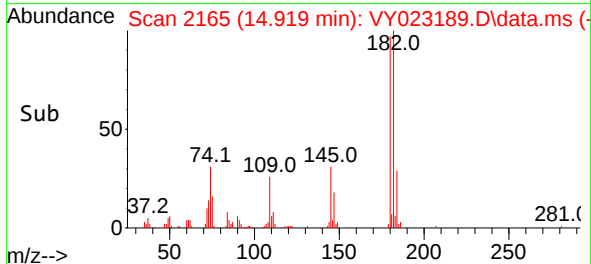
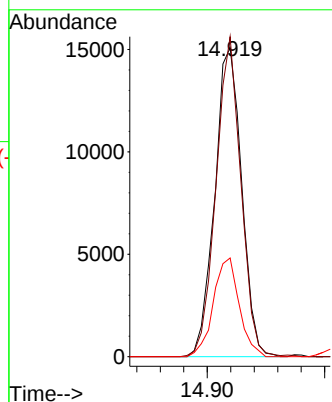
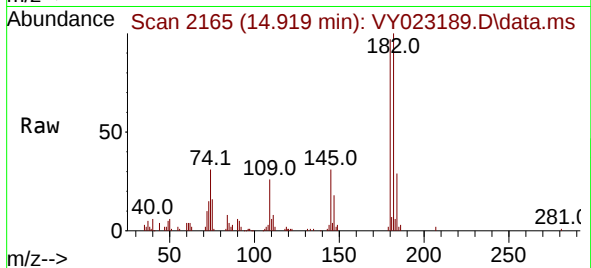
LOQ-SOIL-02-QT3-2025

Tgt Ion:180	Resp:	2398
Ion Ratio	Lower	Upper
180	100	
182	95.8	46.8 140.4
145	30.7	14.4 43.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#94

Hexachlorobutadiene

Concen: 5.298 ug/l

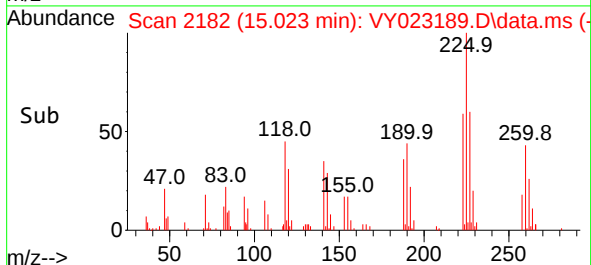
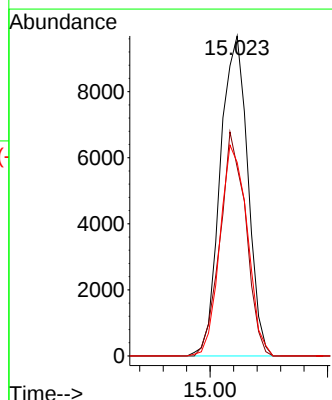
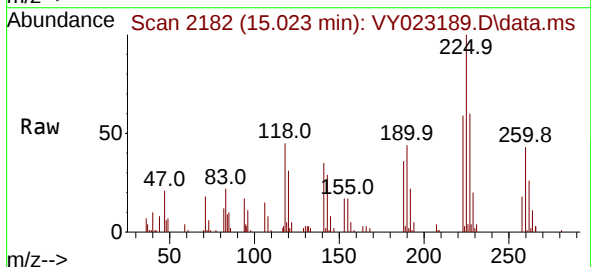
RT: 15.023 min Scan# 2182

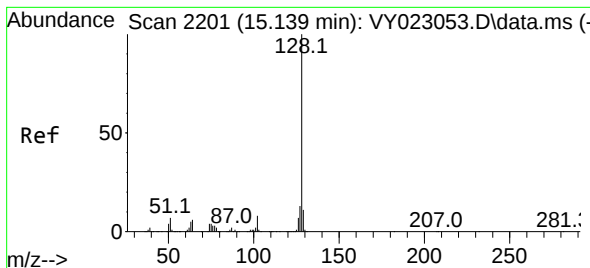
Delta R.T. 0.006 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Tgt Ion:225	Resp:	15727
Ion Ratio	Lower	Upper
225	100	
223	65.5	31.3 93.8
227	65.6	31.5 94.5





#95

Naphthalene

Concen: 3.842 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Instrument :

MSVOA_Y

ClientSampleId :

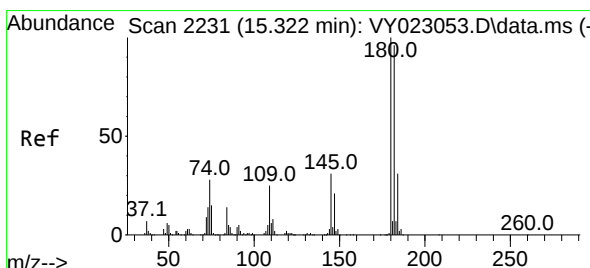
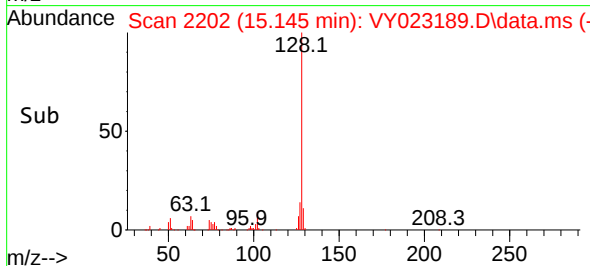
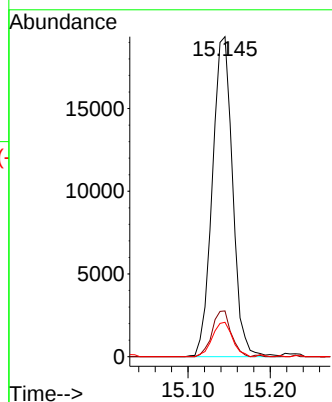
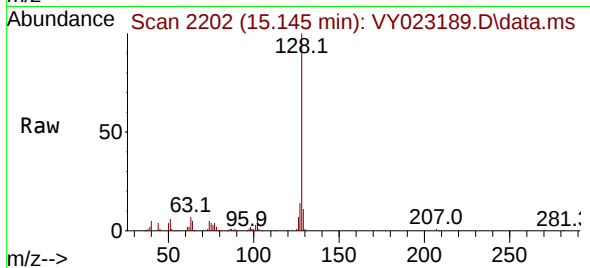
LOQ-SOIL-02-QT3-2025

Tgt Ion:128	Resp:	33094
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.4 15.6
129	10.7	9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#96

1,2,3-Trichlorobenzene

Concen: 4.800 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY023189.D

Acq: 22 Aug 2025 13:31

Tgt Ion:180	Resp:	20898
Ion Ratio	Lower	Upper
180	100	
182	92.2	47.9 143.7
145	30.5	15.9 47.7

