

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082225\
 Data File : VY023187.D
 Acq On : 22 Aug 2025 12:46
 Operator : SY/MD
 Sample : Q2893-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

Quant Time: Aug 25 05:14:11 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	7.707	168	442864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	731025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	621124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	283458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	219463	51.996	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.000%			
35) Dibromofluoromethane	7.634	113	231706	52.971	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.940%			
50) Toluene-d8	10.109	98	855066	50.038	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.080%			
62) 4-Bromofluorobenzene	12.401	95	251079	45.688	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	9678	2.677	ug/l	89
3) Chloromethane	2.074	50	14872	2.540	ug/l	97
4) Vinyl Chloride	2.202	62	19344	2.673	ug/l	94
5) Bromomethane	2.598	94	18827	3.483	ug/l	98
6) Chloroethane	2.739	64	13801	2.868	ug/l	91
7) Trichlorofluoromethane	3.056	101	24541	2.789	ug/l	100
8) Diethyl Ether	3.458	74	7602	3.265	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	13266	3.055	ug/l	98
10) Methyl Iodide	4.000	142	10756	2.296	ug/l	96
11) Tert butyl alcohol	4.860	59	3528m	12.199	ug/l	
12) 1,1-Dichloroethene	3.787	96	11524	2.700	ug/l	91
13) Acrolein	3.647	56	559	1.320	ug/l #	60
14) Allyl chloride	4.385	41	15003	2.389	ug/l	96
15) Acrylonitrile	5.061	53	10646	11.247	ug/l	97
16) Acetone	3.866	43	16141	17.652	ug/l	100
17) Carbon Disulfide	4.110	76	33256	2.390	ug/l	97
18) Methyl Acetate	4.385	43	7811	2.870	ug/l #	80
19) Methyl tert-butyl Ether	5.110	73	25682	2.322	ug/l	93
20) Methylene Chloride	4.616	84	50796	8.431	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	12359	2.577	ug/l	90
22) Diisopropyl ether	6.018	45	29424	2.156	ug/l #	79
23) Vinyl Acetate	5.964	43	72263	9.577	ug/l	98
24) 1,1-Dichloroethane	5.915	63	21584	2.587	ug/l	98
25) 2-Butanone	6.896	43	16082	12.931	ug/l	95
26) 2,2-Dichloropropane	6.884	77	18893	2.624	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	14299	2.579	ug/l	96
28) Bromochloromethane	7.244	49	9453	2.856	ug/l	97
29) Tetrahydrofuran	7.262	42	7660	9.937	ug/l	97
30) Chloroform	7.421	83	22986	2.672	ug/l	94
31) Cyclohexane	7.701	56	26441	3.363	ug/l #	67
32) 1,1,1-Trichloroethane	7.616	97	20526	2.689	ug/l	99
36) 1,1-Dichloropropene	7.829	75	16489	2.536	ug/l	98
37) Ethyl Acetate	6.994	43	6162m	2.257	ug/l	
38) Carbon Tetrachloride	7.817	117	18422	2.609	ug/l	99
39) Methylcyclohexane	9.103	83	20780	2.427	ug/l	91
40) Benzene	8.079	78	49950	2.493	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082225\
 Data File : VY023187.D
 Acq On : 22 Aug 2025 12:46
 Operator : SY/MD
 Sample : Q2893-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

Quant Time: Aug 25 05:14:11 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)
41) Methacrylonitrile	7.232	41	3412m	2.165	ug/l	
42) 1,2-Dichloroethane	8.158	62	12773	2.451	ug/l	99
43) Isopropyl Acetate	8.195	43	10974	1.988	ug/l #	91
44) Trichloroethene	8.872	130	13787	2.663	ug/l	85
45) 1,2-Dichloropropane	9.140	63	11549	2.505	ug/l #	88
46) Dibromomethane	9.231	93	6888	2.603	ug/l	95
47) Bromodichloromethane	9.420	83	17503	2.571	ug/l	97
48) Methyl methacrylate	9.225	41	5737	2.172	ug/l	94
49) 1,4-Dioxane	9.237	88	1182	38.097	ug/l #	64
51) 4-Methyl-2-Pentanone	9.999	43	27335	9.601	ug/l	97
52) Toluene	10.170	92	31840	2.502	ug/l	96
53) t-1,3-Dichloropropene	10.396	75	13548	2.197	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	16633	2.281	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	8625	2.436	ug/l	94
56) Ethyl methacrylate	10.438	69	8509	1.878	ug/l #	92
57) 1,3-Dichloropropane	10.719	76	14367	2.393	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	18244	8.537	ug/l	99
59) 2-Hexanone	10.761	43	19899	10.264	ug/l	97
60) Dibromochloromethane	10.908	129	11576	2.478	ug/l	96
61) 1,2-Dibromoethane	11.011	107	7807	2.346	ug/l	97
64) Tetrachloroethene	10.646	164	16215	2.924	ug/l	95
65) Chlorobenzene	11.438	112	35637	2.660	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	11829	2.601	ug/l	98
67) Ethyl Benzene	11.517	91	55184	2.393	ug/l	100
68) m/p-Xylenes	11.627	106	40070	4.450	ug/l	99
69) o-Xylene	11.950	106	19624	2.327	ug/l	96
70) Styrene	11.969	104	29818	2.162	ug/l	99
71) Bromoform	12.133	173	6314	2.376	ug/l #	97
73) Isopropylbenzene	12.255	105	47634	2.381	ug/l	97
74) N-amyl acetate	12.072	43	8401	1.980	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	8938	2.617	ug/l	95
76) 1,2,3-Trichloropropane	12.560	75	7773m	2.841	ug/l	
77) Bromobenzene	12.529	156	13907	2.914	ug/l	97
78) n-propylbenzene	12.590	91	62006	2.603	ug/l	98
79) 2-Chlorotoluene	12.676	91	36805	2.697	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	38201	2.363	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	2638m	2.334	ug/l	
82) 4-Chlorotoluene	12.773	91	37900	2.677	ug/l	100
83) tert-Butylbenzene	12.993	119	35759	2.449	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	37420	2.325	ug/l	99
85) sec-Butylbenzene	13.176	105	53682	2.502	ug/l	100
86) p-Isopropyltoluene	13.292	119	41323	2.321	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	25697	2.730	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	28293	3.030	ug/l	92
89) n-Butylbenzene	13.615	91	39810	2.434	ug/l	98
90) Hexachloroethane	13.877	117	10647	2.921	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	23464	2.843	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.273	75	1361	2.559	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	13449	2.755	ug/l	97
94) Hexachlorobutadiene	15.023	225	8765	3.056	ug/l	96
95) Naphthalene	15.145	128	19538	2.347	ug/l	96
96) 1,2,3-Trichlorobenzene	15.328	180	11883	2.825	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082225\
Data File : VY023187.D
Acq On : 22 Aug 2025 12:46
Operator : SY/MD
Sample : Q2893-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Manual Integrations
APPROVED

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

Quant Time: Aug 25 05:14:11 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

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

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

Manual Integrations

Quant Time: Aug 25 05:14:11 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





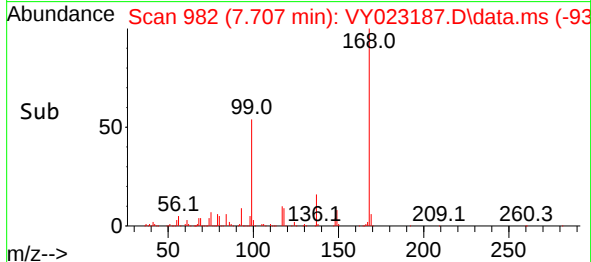
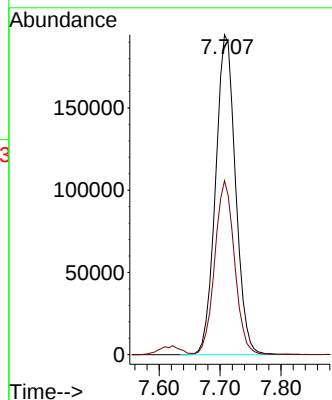
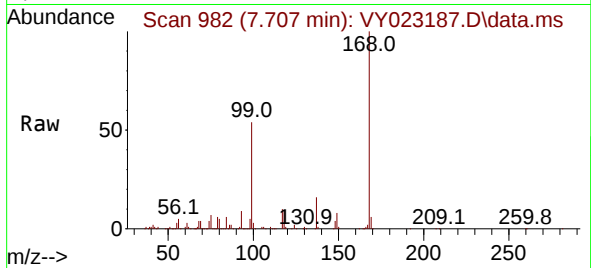
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:168 Resp: 442864
Ion Ratio Lower Upper
168 100
99 54.3 42.8 64.2

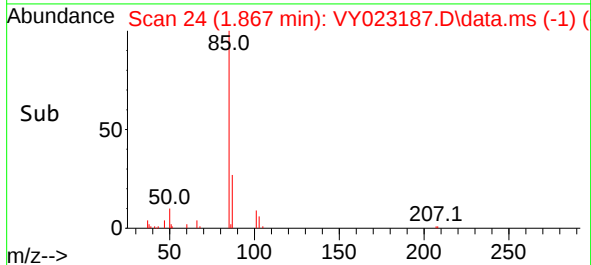
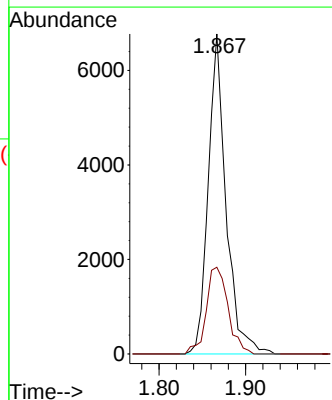
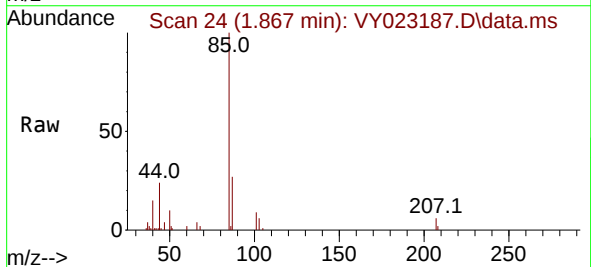
Manual Integrations
APPROVED

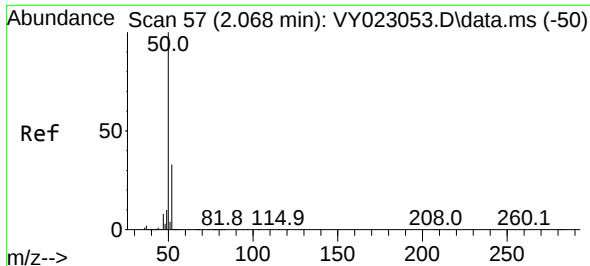
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#2
Dichlorodifluoromethane
Concen: 2.677 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

Tgt Ion: 85 Resp: 9678
Ion Ratio Lower Upper
85 100
87 27.1 16.6 49.8





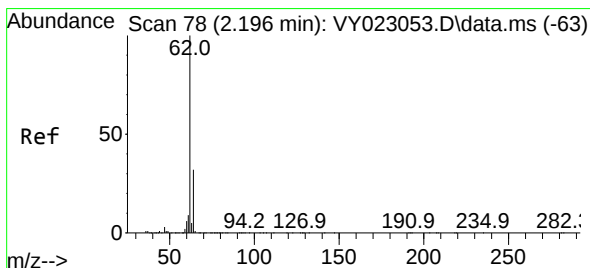
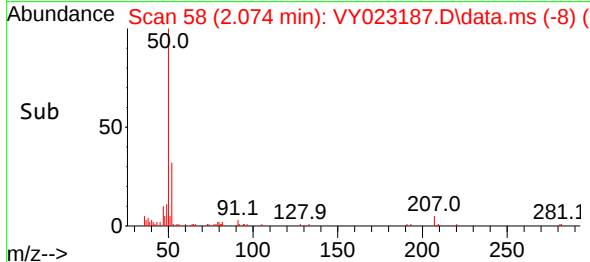
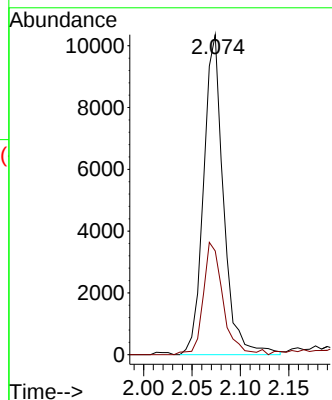
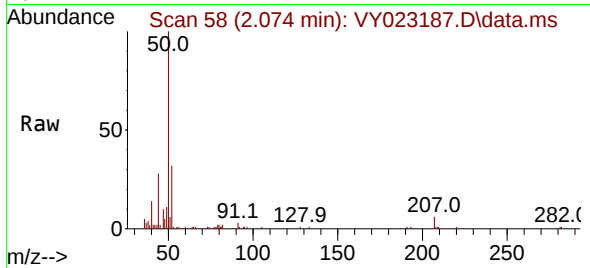
#3
Chloromethane
Concen: 2.540 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 50 Resp: 14872
Ion Ratio Lower Upper
50 100
52 31.6 26.7 40.1

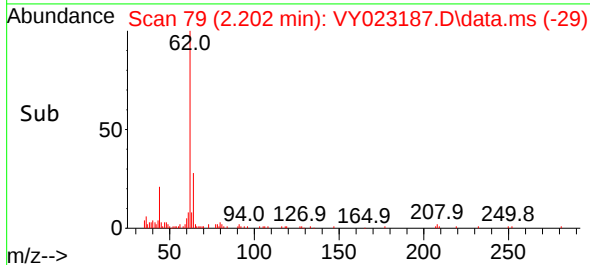
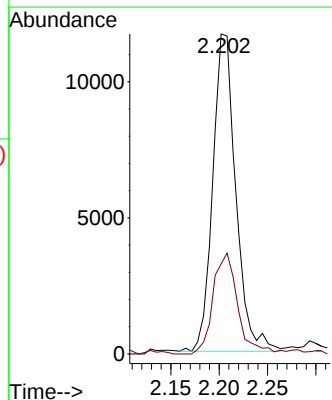
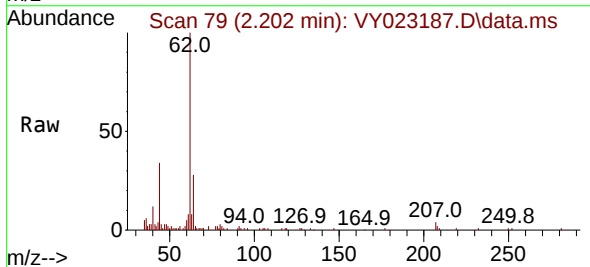
Manual Integrations
APPROVED

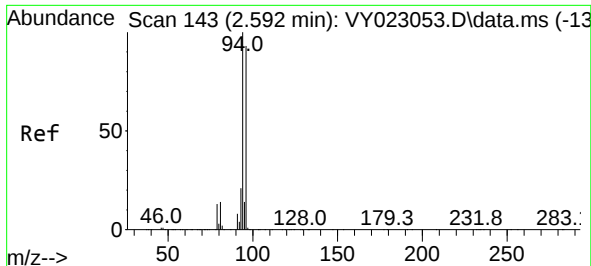
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#4
Vinyl Chloride
Concen: 2.673 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

Tgt Ion: 62 Resp: 19344
Ion Ratio Lower Upper
62 100
64 28.4 25.4 38.0





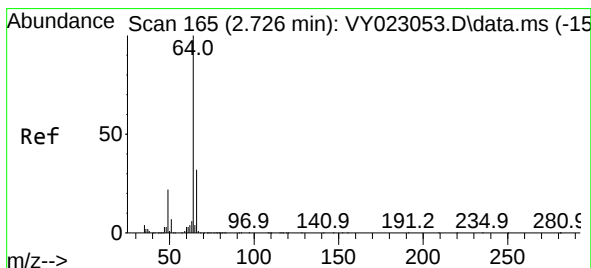
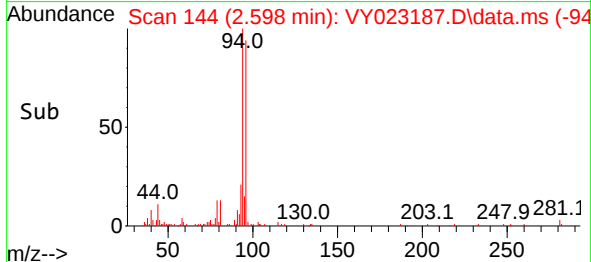
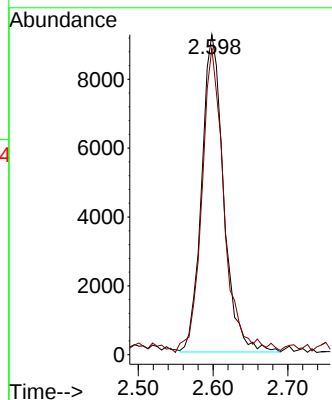
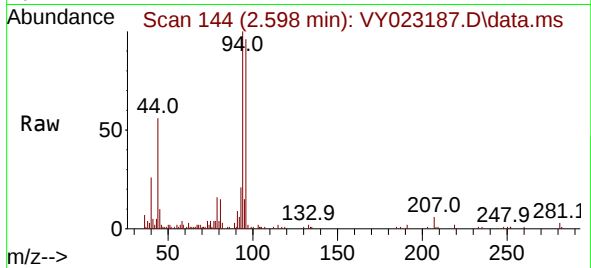
#5
Bromomethane
Concen: 3.483 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 94 Resp: 1882
Ion Ratio Lower Upper
94 100
96 95.3 74.6 112.0

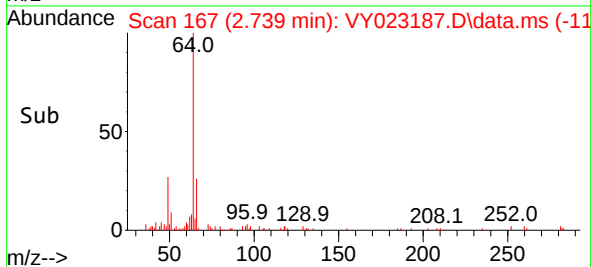
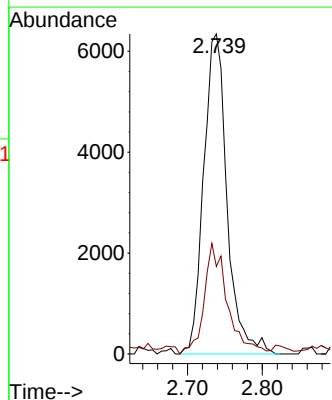
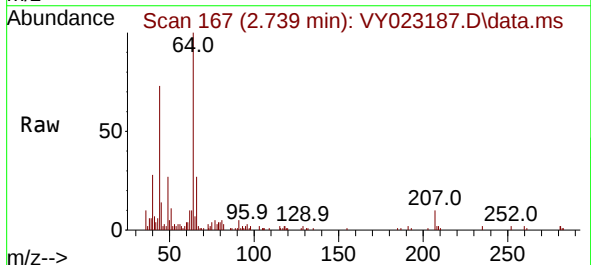
Manual Integrations
APPROVED

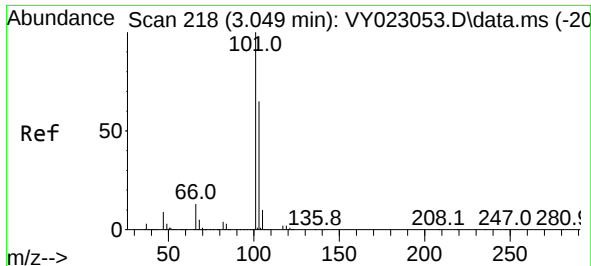
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#6
Chloroethane
Concen: 2.868 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

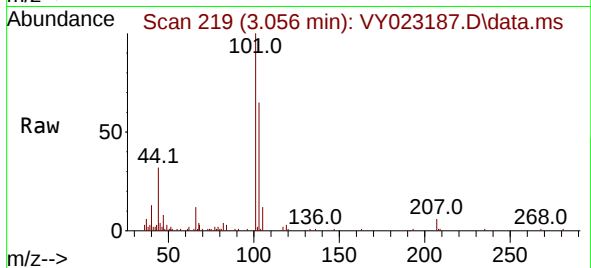
Tgt Ion: 64 Resp: 13801
Ion Ratio Lower Upper
64 100
66 27.3 25.8 38.6





#7
Trichlorofluoromethane
Concen: 2.789 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

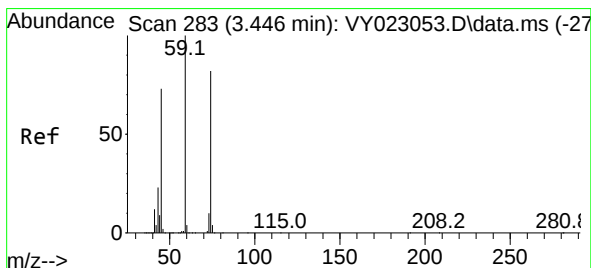
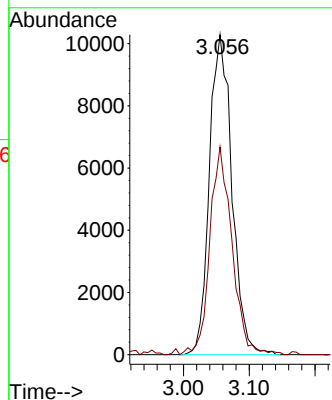
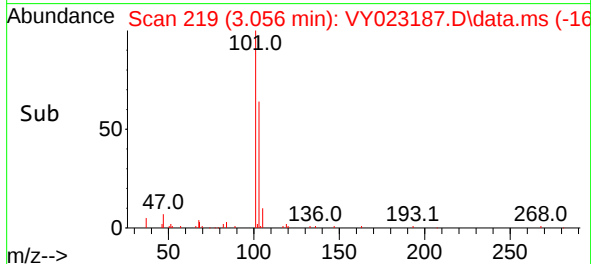
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



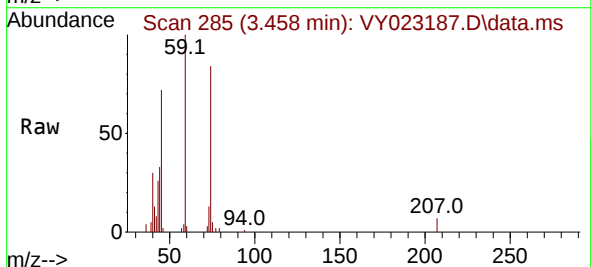
Tgt Ion:101 Resp: 2454
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9

Manual Integrations
APPROVED

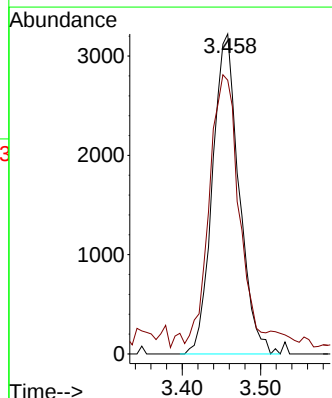
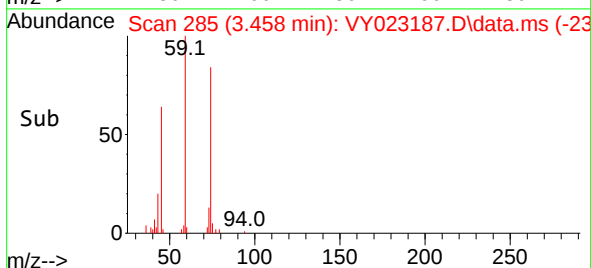
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

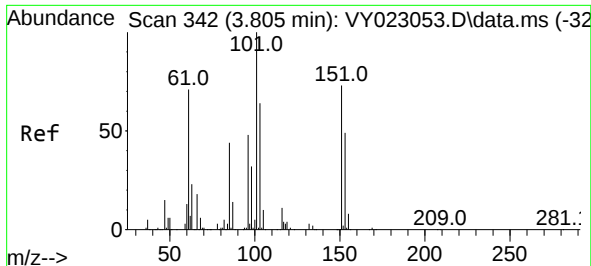


#8
Diethyl Ether
Concen: 3.265 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46



Tgt Ion: 74 Resp: 7602
Ion Ratio Lower Upper
74 100
45 91.8 44.4 133.2





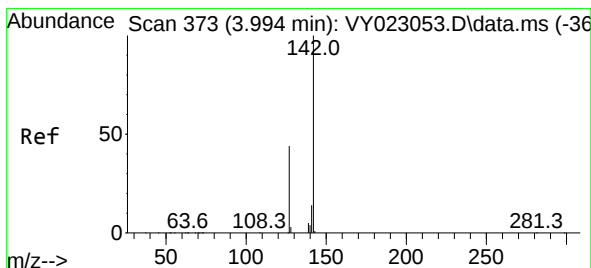
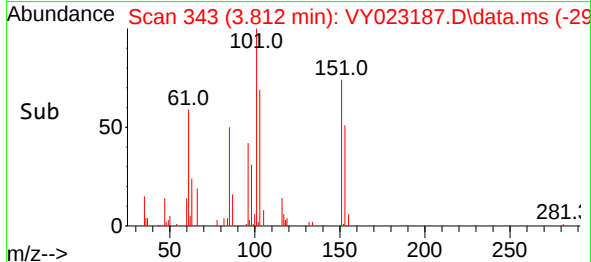
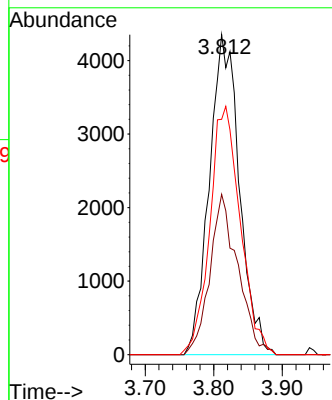
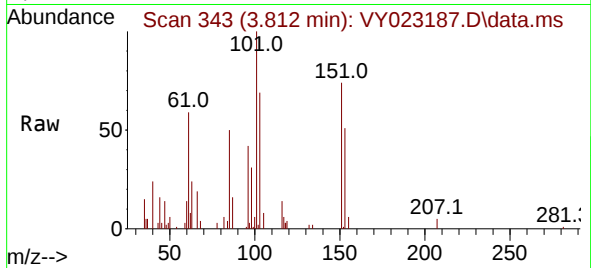
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.055 ug/l
RT: 3.812 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:101 Resp: 13260
Ion Ratio Lower Upper
101 100
85 46.8 36.3 54.5
151 78.6 61.5 92.3

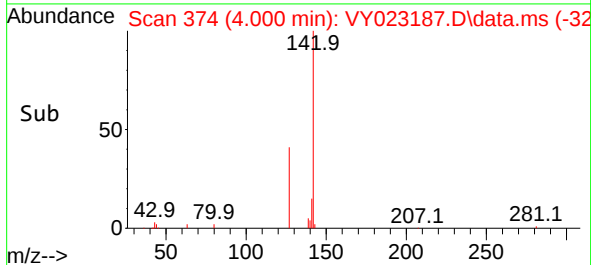
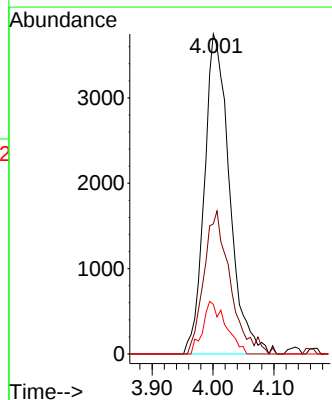
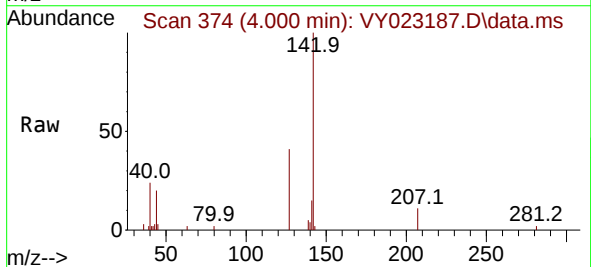
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 2.296 ug/l
RT: 4.000 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

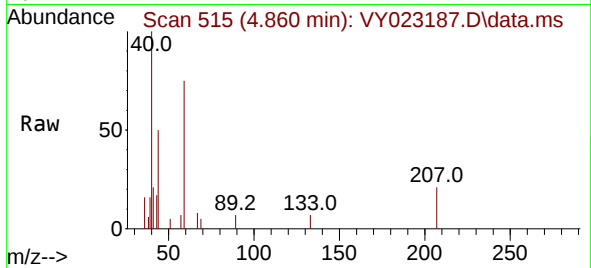
Tgt Ion:142 Resp: 10756
Ion Ratio Lower Upper
142 100
127 46.6 34.9 52.3
141 14.9 11.3 16.9





#11
Tert butyl alcohol
Concen: 12.199 ug/l m
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

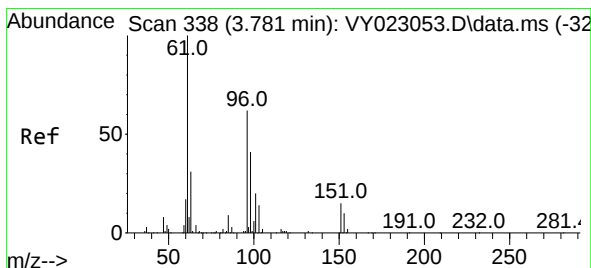
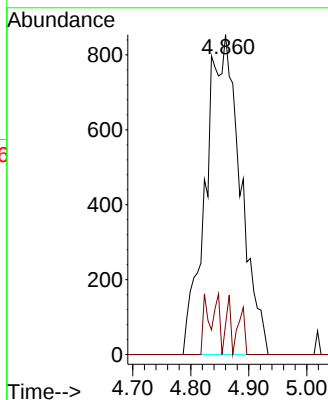
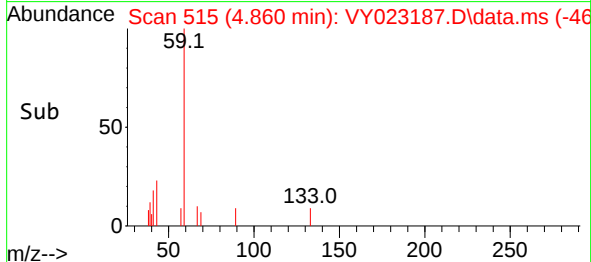
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



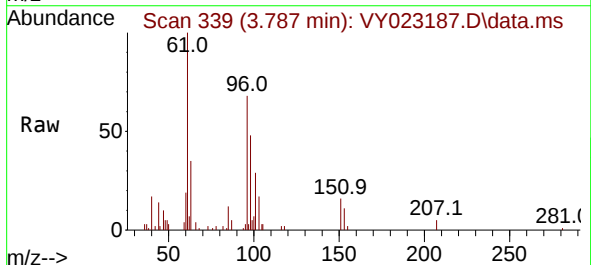
Tgt Ion: 59 Resp: 3528
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0

Manual Integrations
APPROVED

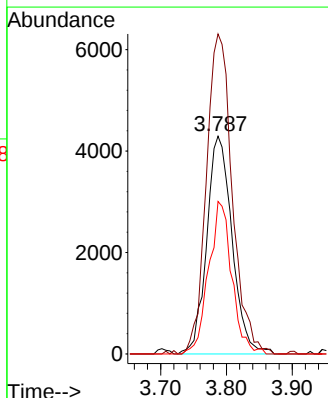
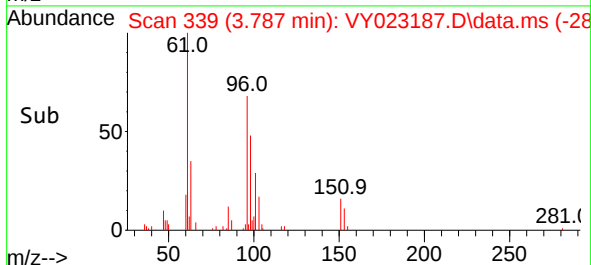
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#12
1,1-Dichloroethene
Concen: 2.700 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46



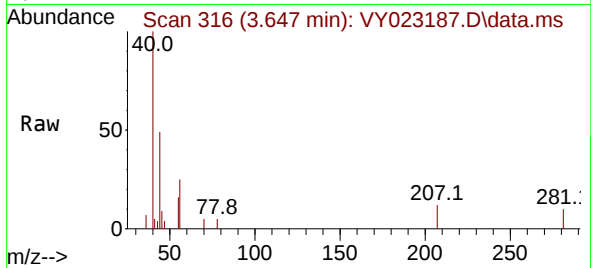
Tgt Ion: 96 Resp: 11524
Ion Ratio Lower Upper
96 100
61 147.0 129.4 194.2
98 70.0 52.8 79.2





#13
Acrolein
Concen: 1.320 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

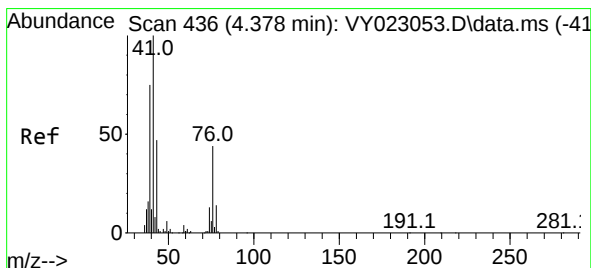
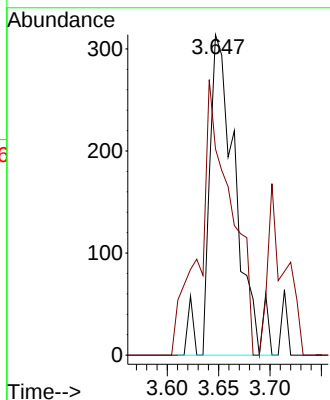
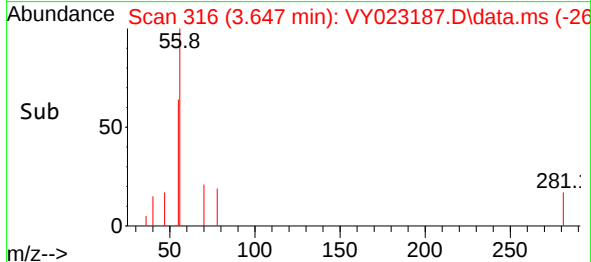
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



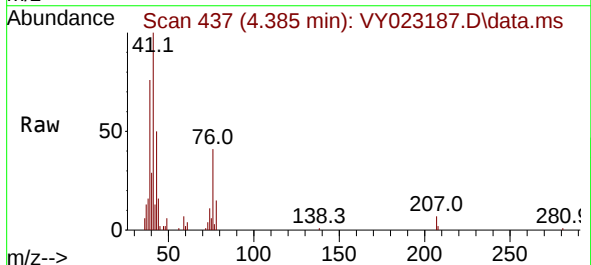
Tgt Ion: 56 Resp: 559
Ion Ratio Lower Upper
56 100
55 102.0 55.2 82.8

Manual Integrations
APPROVED

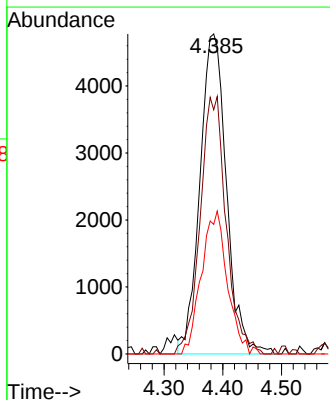
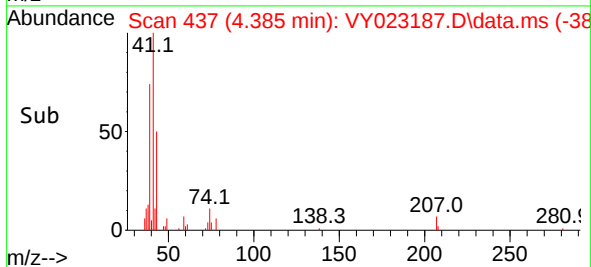
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

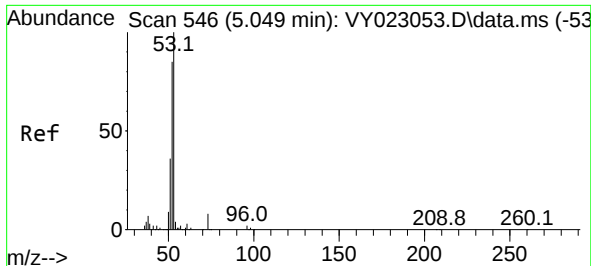


#14
Allyl chloride
Concen: 2.389 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46



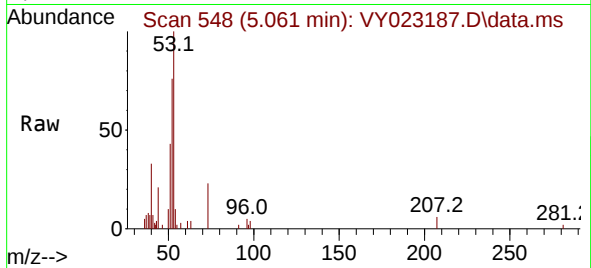
Tgt Ion: 41 Resp: 15003
Ion Ratio Lower Upper
41 100
39 78.7 59.8 89.6
76 43.7 33.7 50.5





#15
Acrylonitrile
Concen: 11.247 ug/l
RT: 5.061 min Scan# 546
Delta R.T. 0.012 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

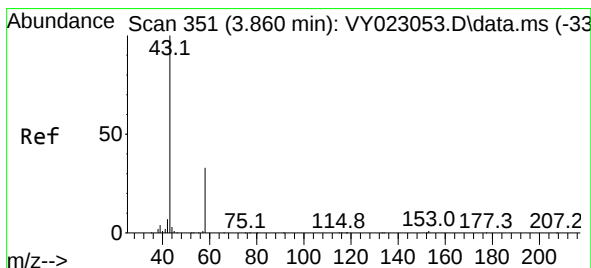
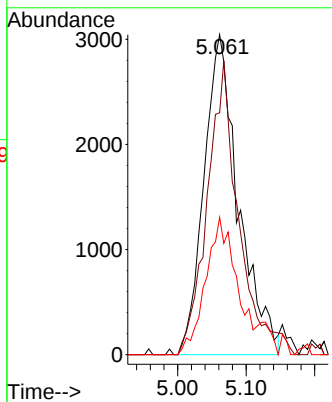
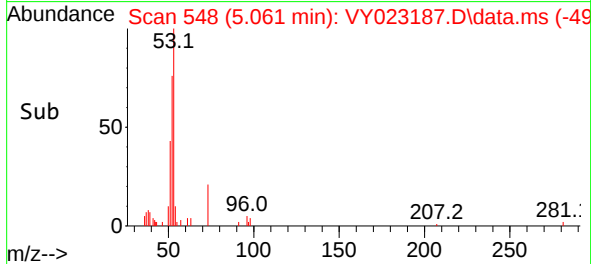
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



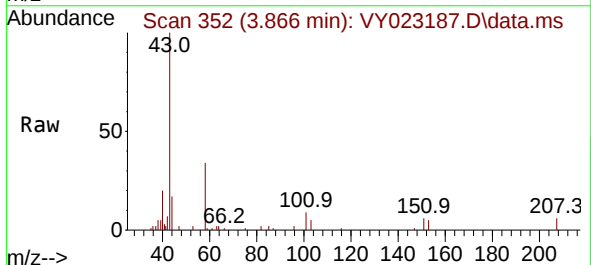
Tgt Ion: 53 Resp: 10640
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 39.1 29.5 44.3

Manual Integrations
APPROVED

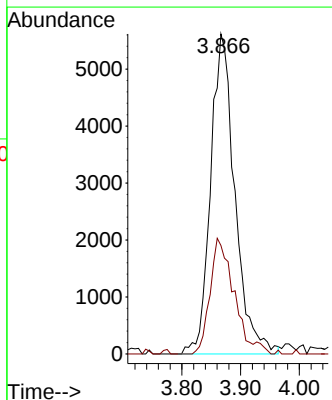
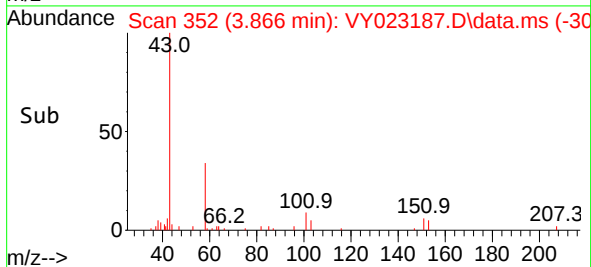
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#16
Acetone
Concen: 17.652 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46



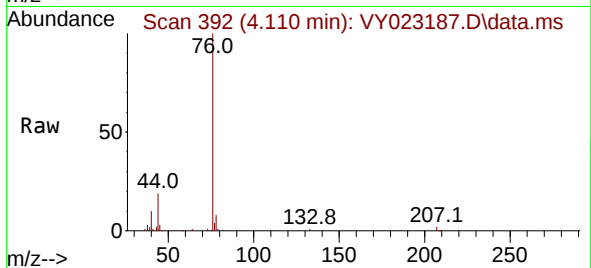
Tgt Ion: 43 Resp: 16141
Ion Ratio Lower Upper
43 100
58 33.9 27.1 40.7





#17
Carbon Disulfide
Concen: 2.390 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

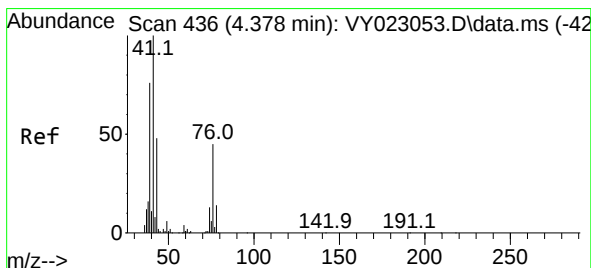
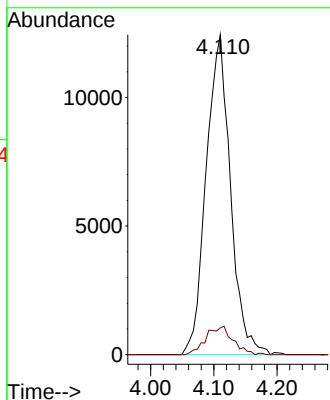
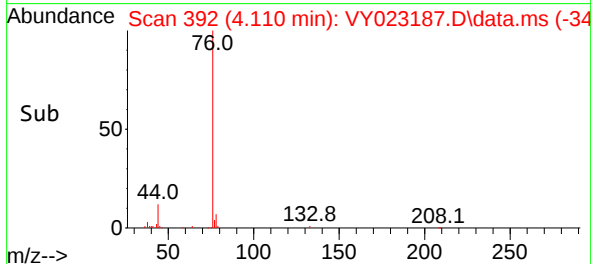
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



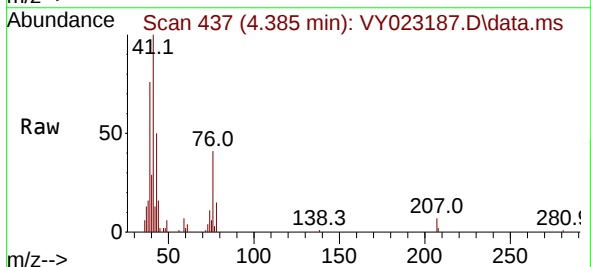
Tgt Ion: 76 Resp: 33250
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2

Manual Integrations
APPROVED

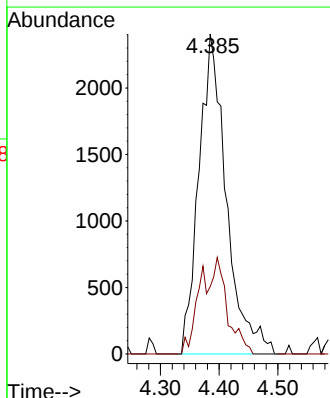
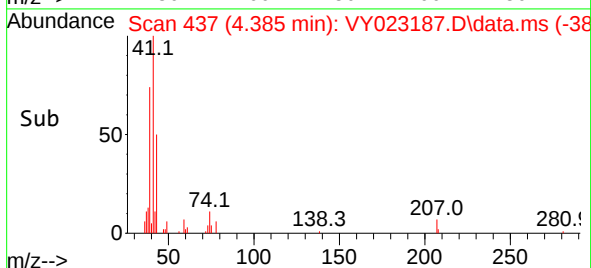
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

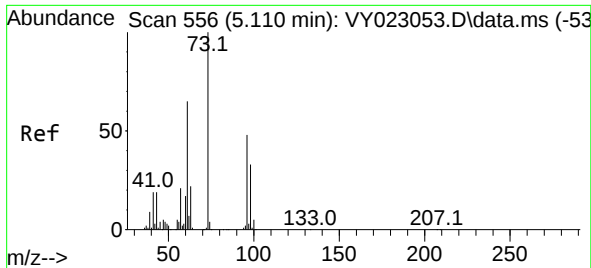


#18
Methyl Acetate
Concen: 2.870 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46



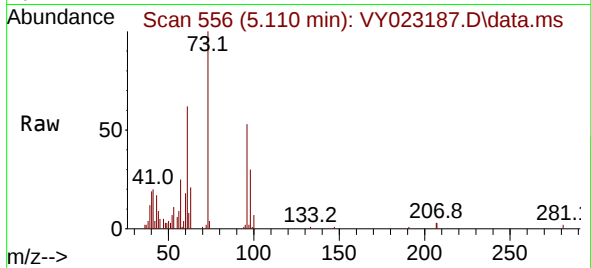
Tgt Ion: 43 Resp: 7811
Ion Ratio Lower Upper
43 100
74 16.1 21.2 31.8#





#19
Methyl tert-butyl Ether
Concen: 2.322 ug/l
RT: 5.110 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

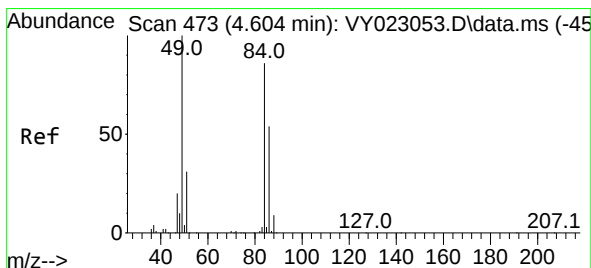
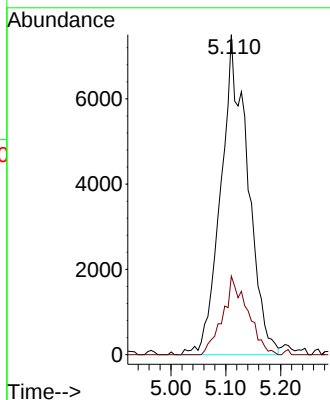
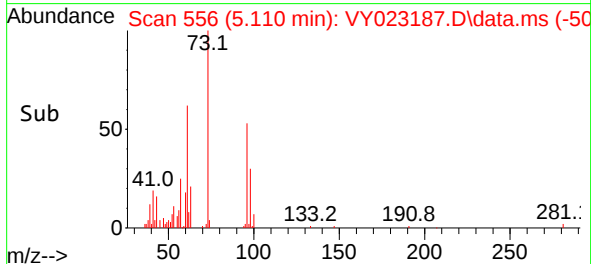
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



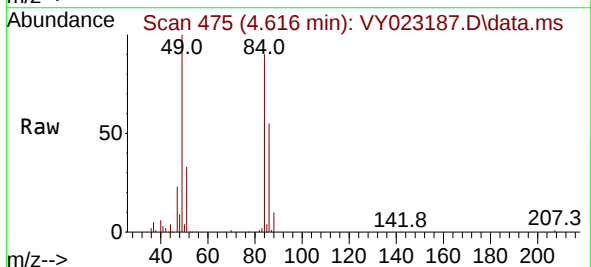
Tgt Ion: 73 Resp: 2568
Ion Ratio Lower Upper
73 100
57 24.5 17.1 25.7

Manual Integrations
APPROVED

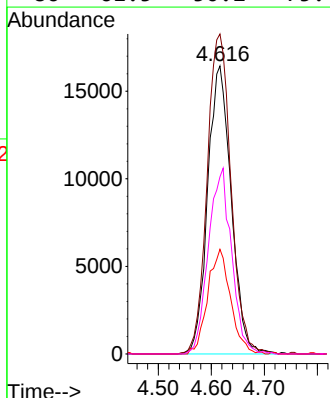
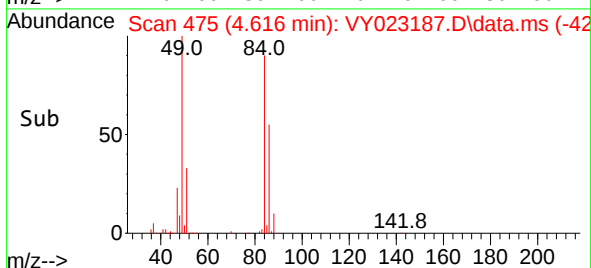
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

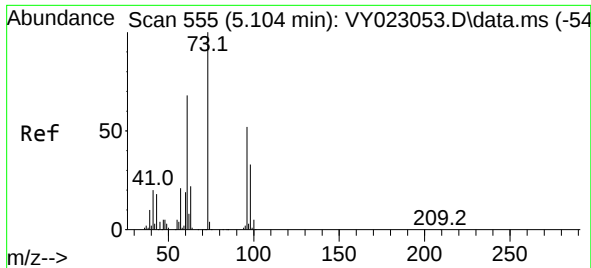


#20
Methylene Chloride
Concen: 8.431 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46



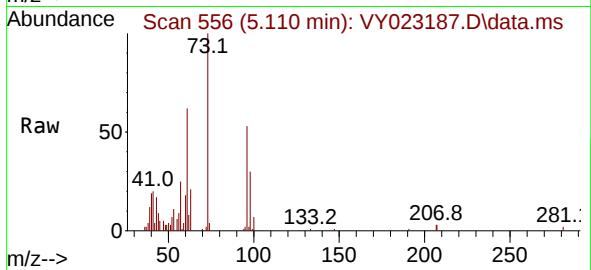
Tgt Ion: 84 Resp: 50796
Ion Ratio Lower Upper
84 100
49 111.1 93.0 139.6
51 36.3 29.0 43.4
86 61.5 50.2 75.4





#21
trans-1,2-Dichloroethene
Concen: 2.577 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

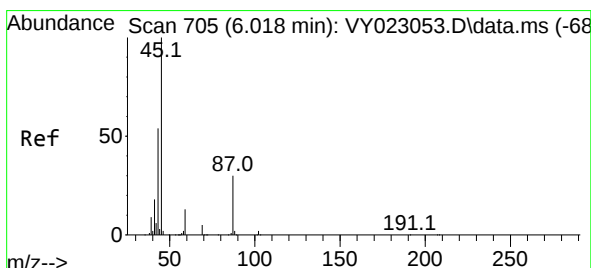
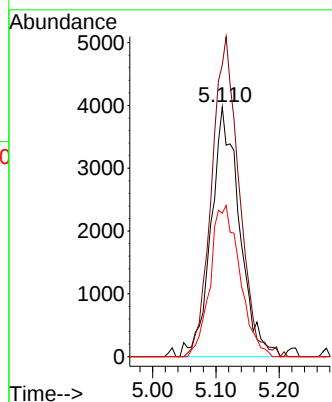
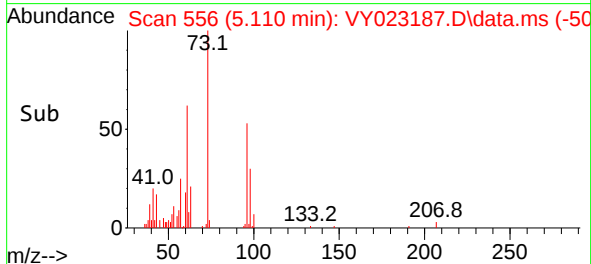
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 96 Resp: 12359
Ion Ratio Lower Upper
96 100
61 116.8 104.8 157.2
98 57.5 50.1 75.1

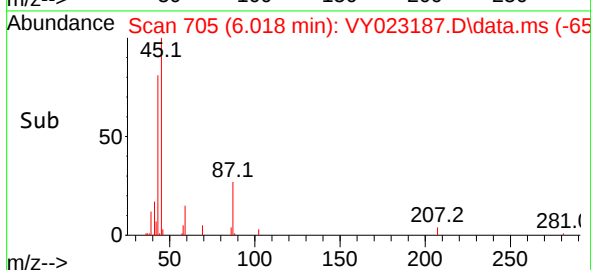
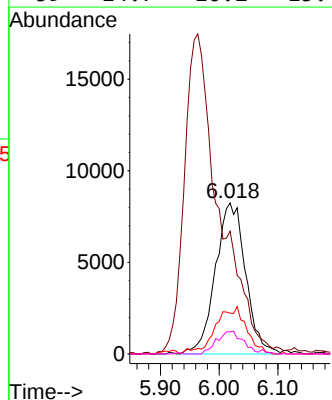
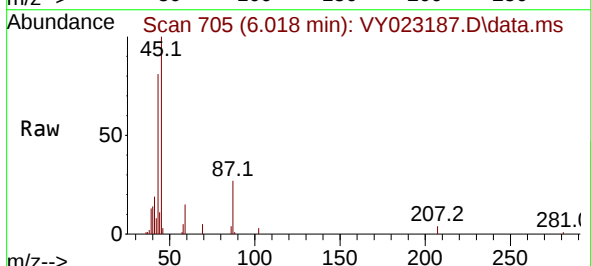
Manual Integrations
APPROVED

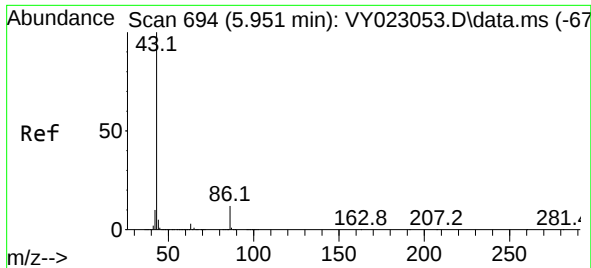
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#22
Diisopropyl ether
Concen: 2.156 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

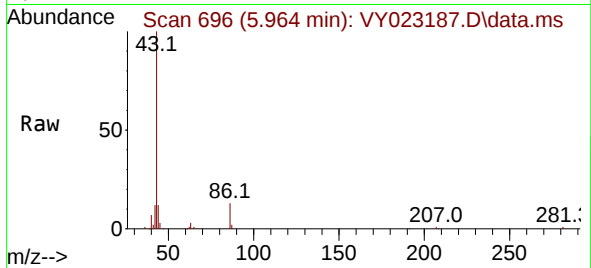
Tgt Ion: 45 Resp: 29424
Ion Ratio Lower Upper
45 100
43 77.6 43.4 65.0#
87 27.0 24.4 36.6
59 14.7 10.2 15.4





#23
 Vinyl Acetate
 Concen: 9.577 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023187.D
 Acq: 22 Aug 2025 12:46

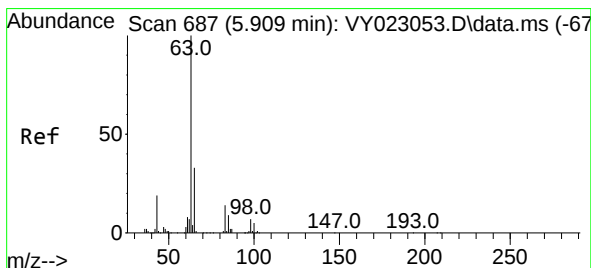
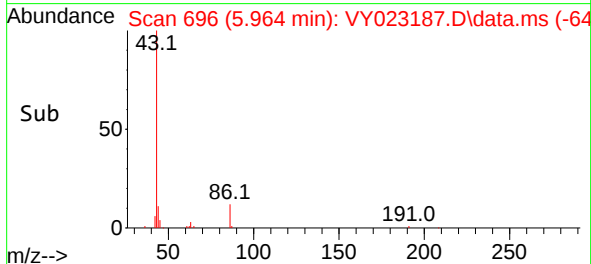
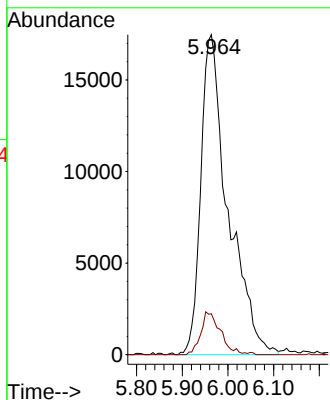
Instrument : MSVOA_Y
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 43 Resp: 7226
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.6 14.4

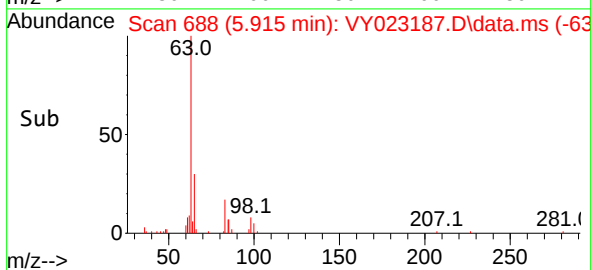
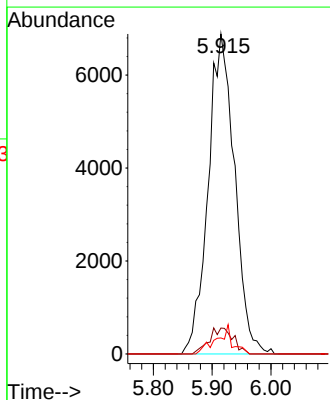
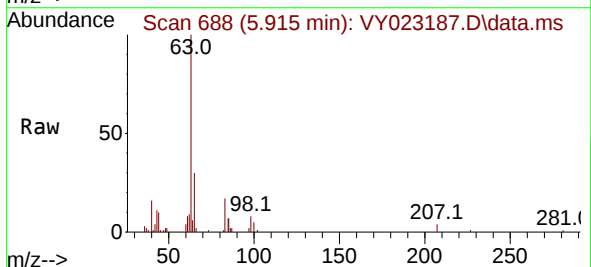
Manual Integrations
 APPROVED

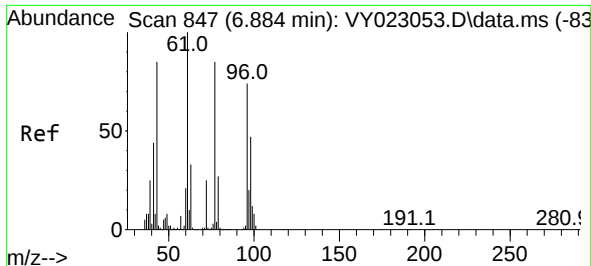
Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#24
 1,1-Dichloroethane
 Concen: 2.587 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023187.D
 Acq: 22 Aug 2025 12:46

Tgt Ion: 63 Resp: 21584
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.6
 100 5.0 2.4 7.1





#25

2-Butanone

Concen: 12.931 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY023187.D

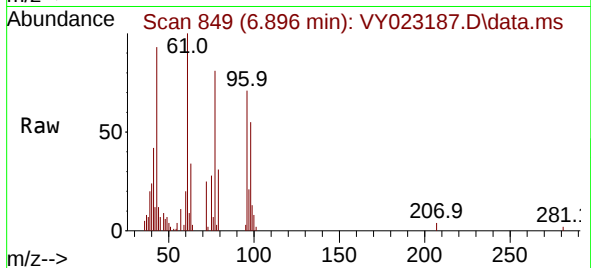
Acq: 22 Aug 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 43 Resp: 1608

Ion Ratio Lower Upper

43 100

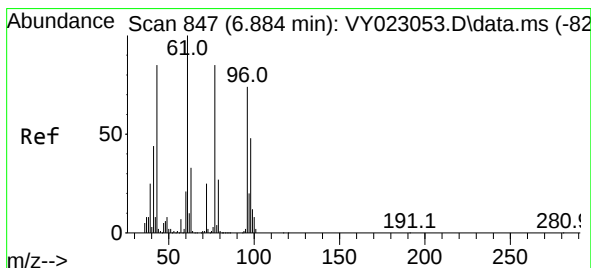
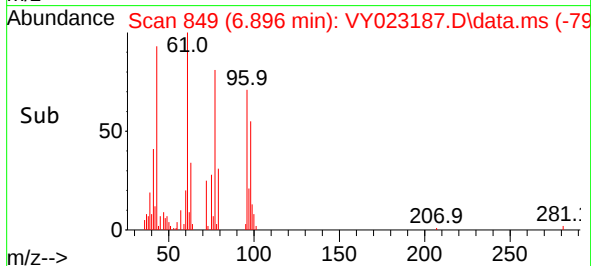
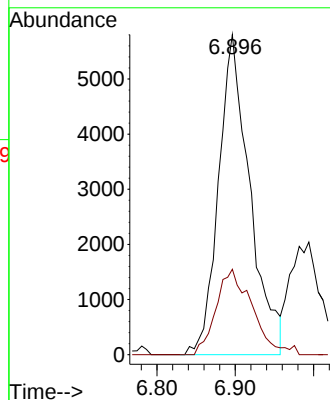
72 26.7 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#26

2,2-Dichloropropane

Concen: 2.624 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023187.D

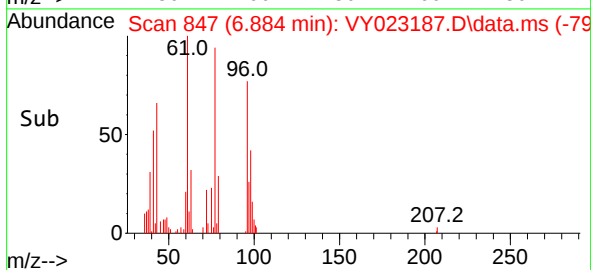
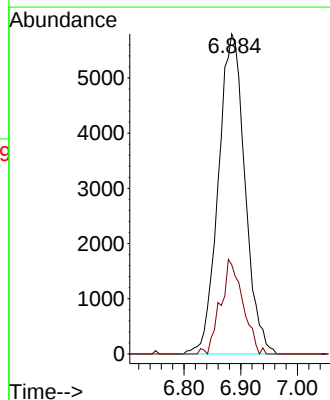
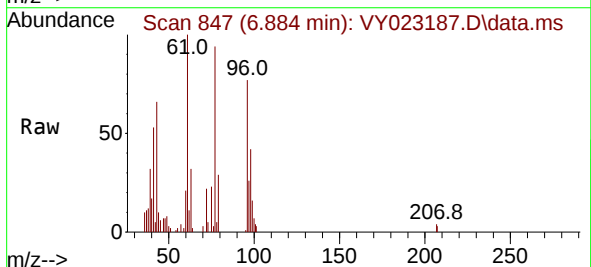
Acq: 22 Aug 2025 12:46

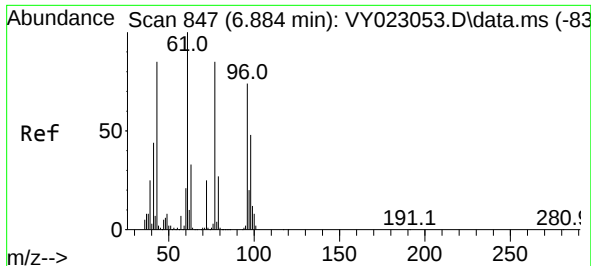
Tgt Ion: 77 Resp: 18893

Ion Ratio Lower Upper

77 100

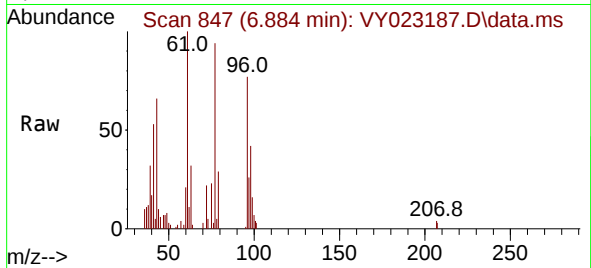
97 24.6 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 2.579 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY023187.D
 Acq: 22 Aug 2025 12:46

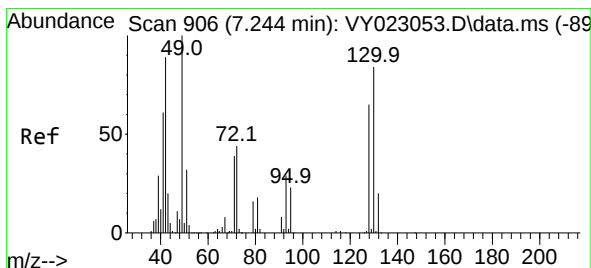
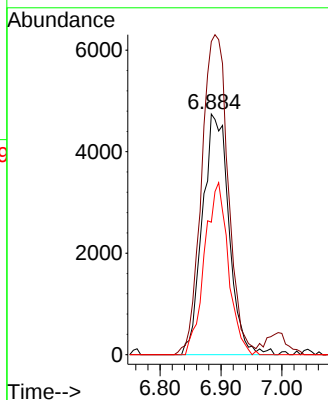
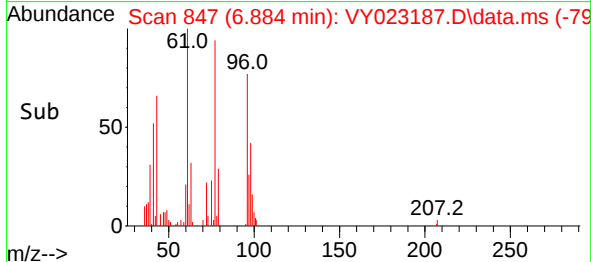
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 96 Resp: 14299
 Ion Ratio Lower Upper
 96 100
 61 133.7 0.0 278.6
 98 64.1 0.0 130.4

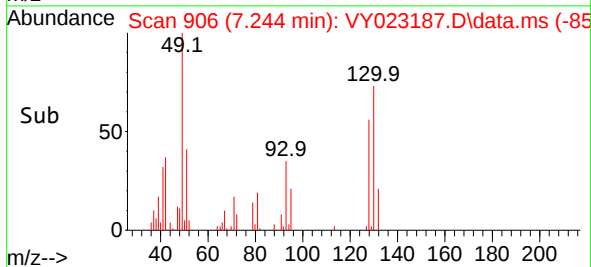
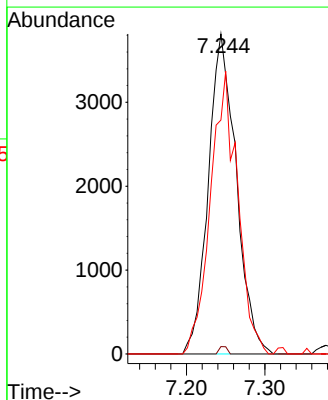
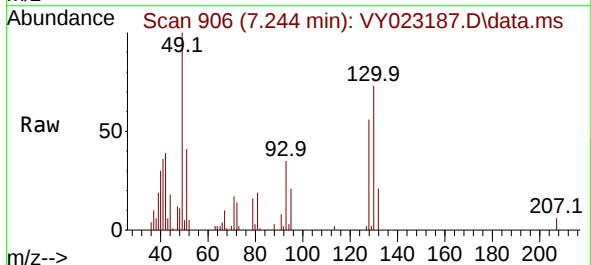
Manual Integrations
 APPROVED

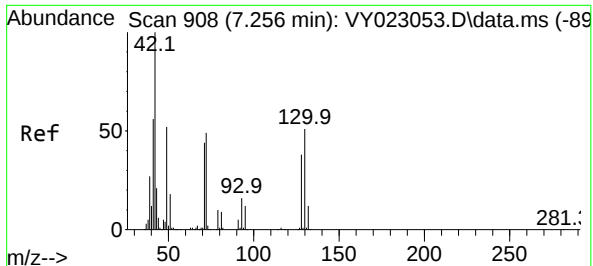
Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#28
 Bromochloromethane
 Concen: 2.856 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY023187.D
 Acq: 22 Aug 2025 12:46

Tgt Ion: 49 Resp: 9453
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.2
 130 85.8 66.4 99.6





#29

Tetrahydrofuran

Concen: 9.937 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023187.D

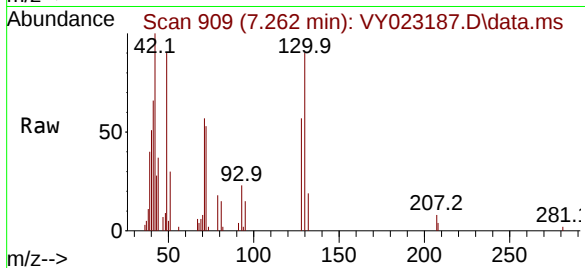
Acq: 22 Aug 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

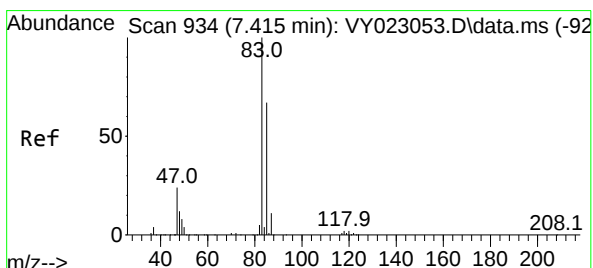
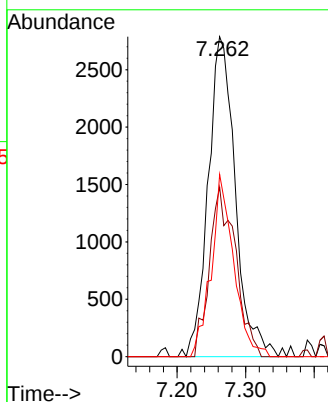
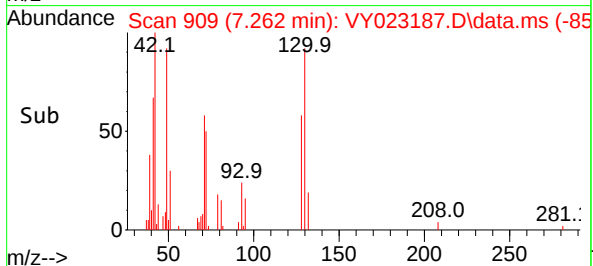


Tgt Ion:	42	Resp:	766
Ion Ratio	100	Lower	Upper
42	100		
72	51.1	39.4	59.2
71	47.3	36.5	54.7

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 2.672 ug/l

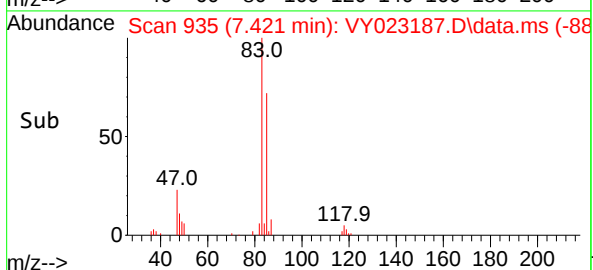
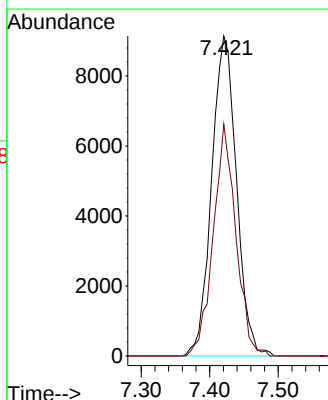
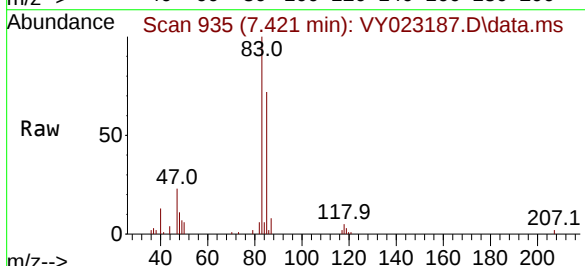
RT: 7.421 min Scan# 935

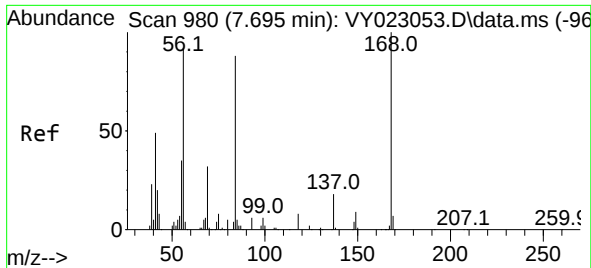
Delta R.T. 0.006 min

Lab File: VY023187.D

Acq: 22 Aug 2025 12:46

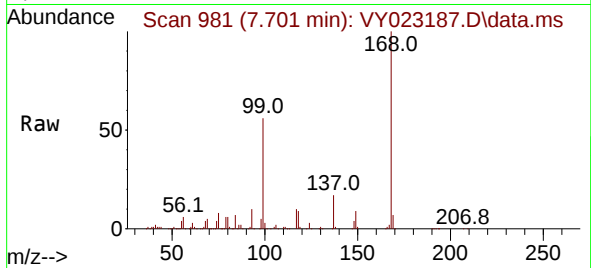
Tgt Ion:	83	Resp:	22986
Ion Ratio	100	Lower	Upper
83	100		
85	72.4	53.8	80.8





#31
Cyclohexane
Concen: 3.363 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

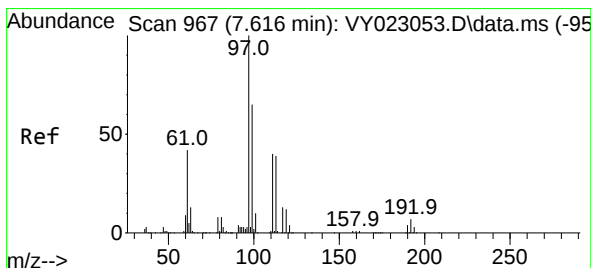
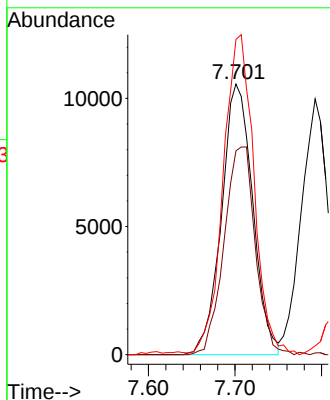
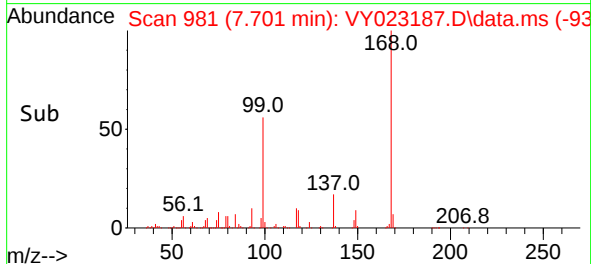
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 56 Resp: 2644
Ion Ratio Lower Upper
56 100
69 75.3 28.2 42.2
84 115.4 76.6 114.8

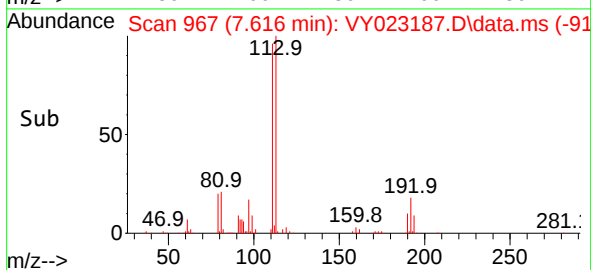
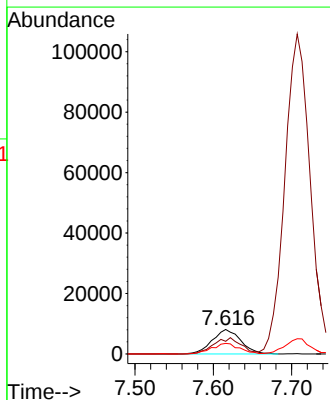
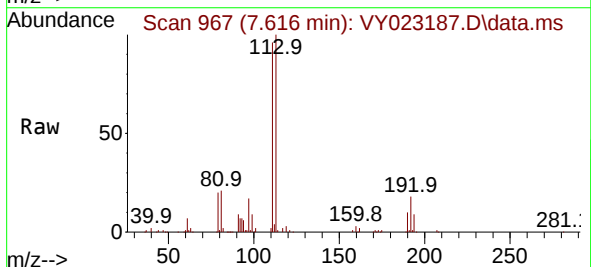
Manual Integrations
APPROVED

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



#32
1,1,1-Trichloroethane
Concen: 2.689 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

Tgt Ion: 97 Resp: 20526
Ion Ratio Lower Upper
97 100
99 64.6 51.6 77.4
61 41.7 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 51.996 ug/l

RT: 8.061 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY023187.D

Acq: 22 Aug 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 65 Resp: 21946

Ion Ratio Lower Upper

65 100

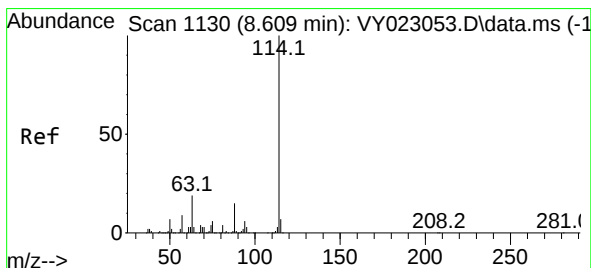
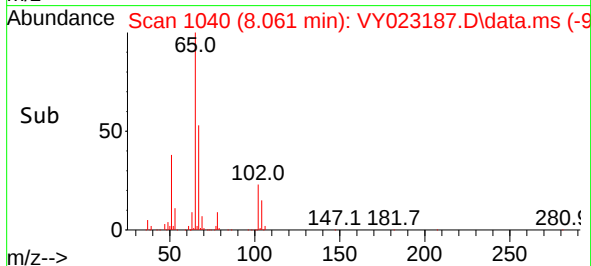
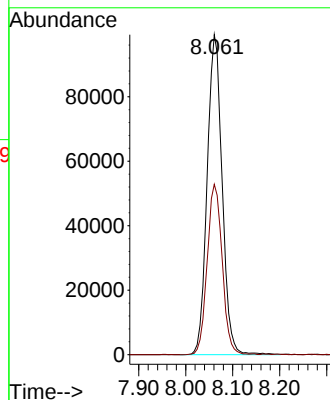
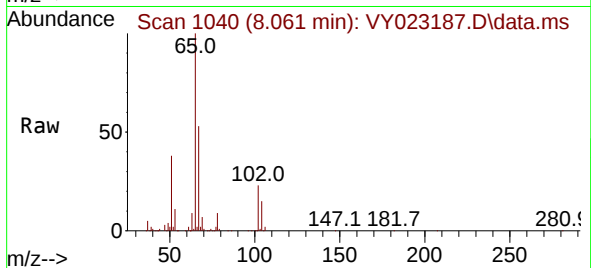
67 53.3 0.0 106.8

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: VY023187.D

Acq: 22 Aug 2025 12:46

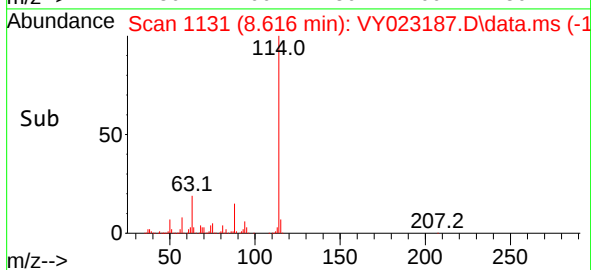
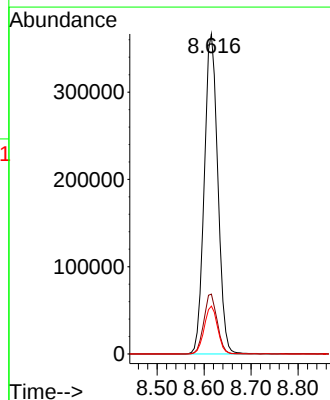
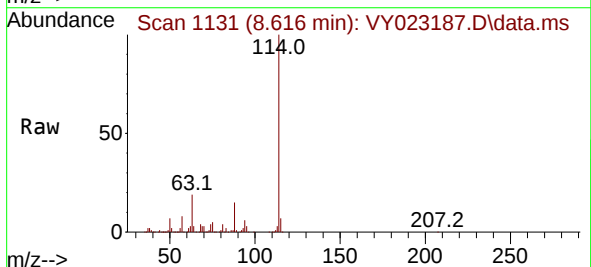
Tgt Ion:114 Resp: 731025

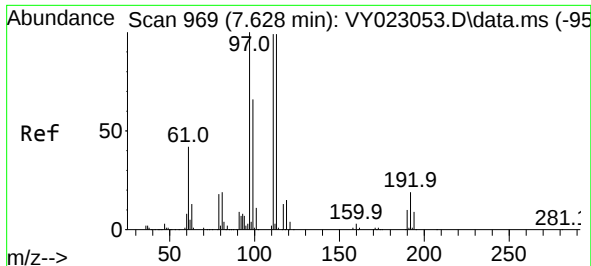
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

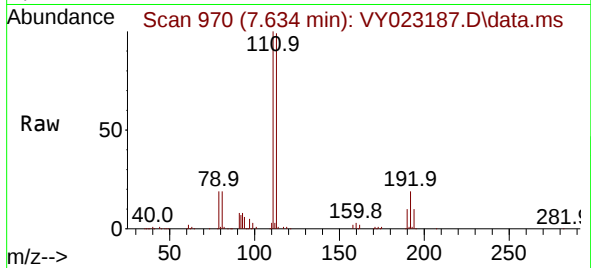
88 14.9 0.0 30.0





#35
Dibromofluoromethane
Concen: 52.971 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

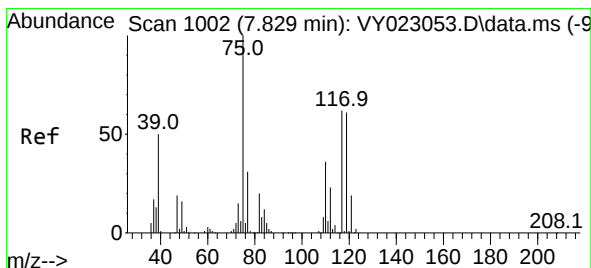
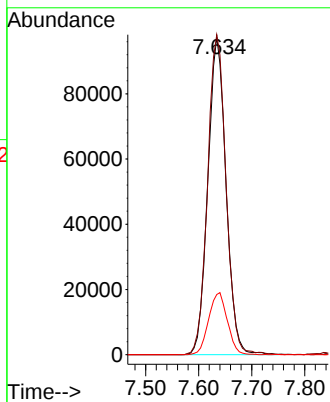
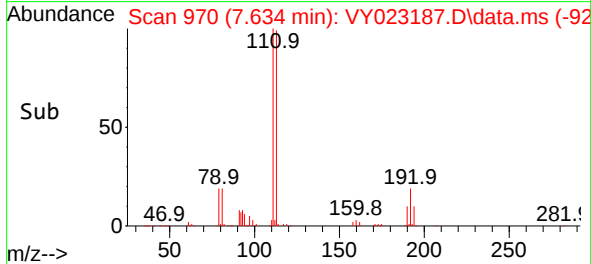
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:113 Resp: 231700
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 20.1 16.2 24.4

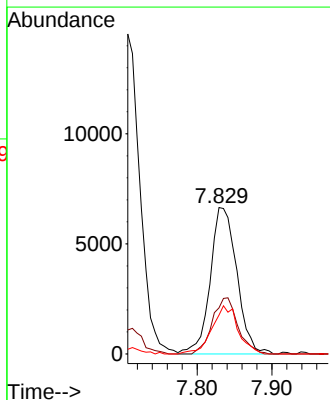
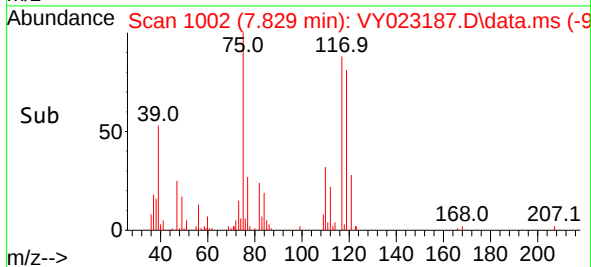
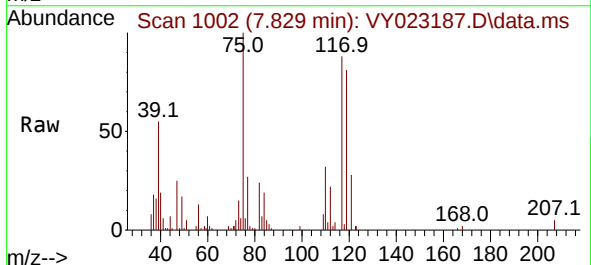
Manual Integrations
APPROVED

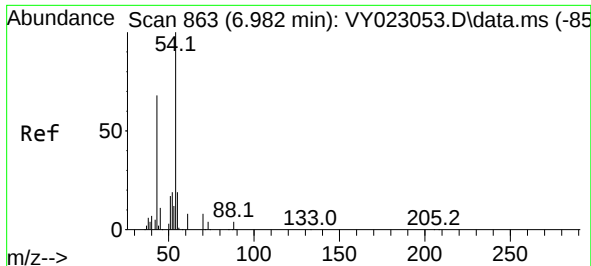
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#36
1,1-Dichloropropene
Concen: 2.536 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

Tgt Ion: 75 Resp: 16489
Ion Ratio Lower Upper
75 100
110 36.9 18.1 54.4
77 32.2 24.6 37.0





#37

Ethyl Acetate

Concen: 2.257 ug/l m

RT: 6.994 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY023187.D

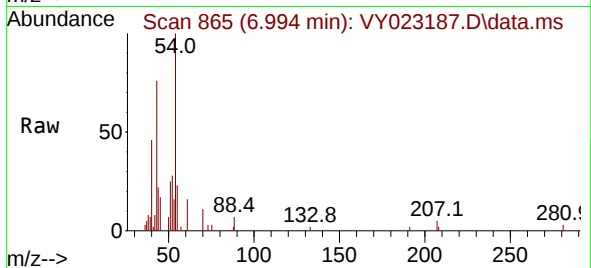
Acq: 22 Aug 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

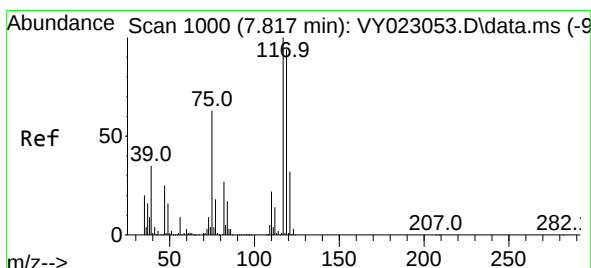
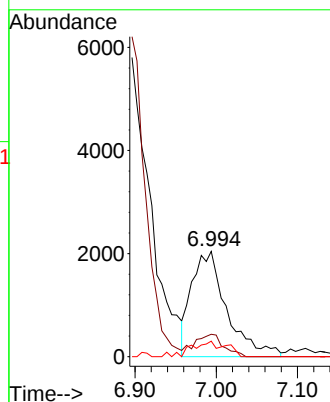
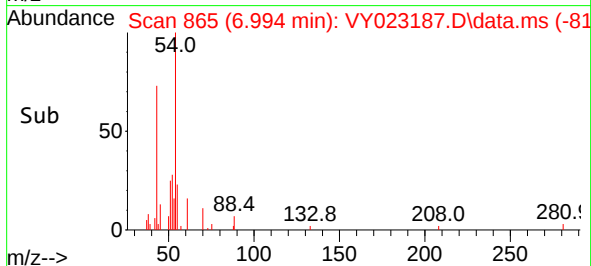


Tgt Ion:	43	Resp:	616
Ion	Ratio	Lower	Upper
43	100		
61	17.6	11.9	17.9
70	2.1	8.8	13.2

Manual Integrations

APPROVED

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



#38

Carbon Tetrachloride

Concen: 2.609 ug/l

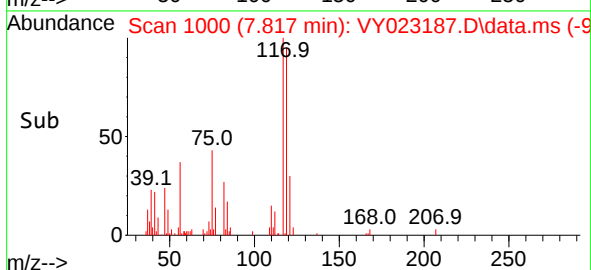
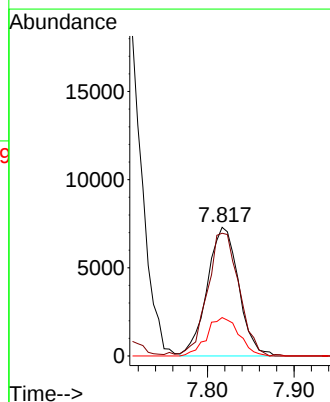
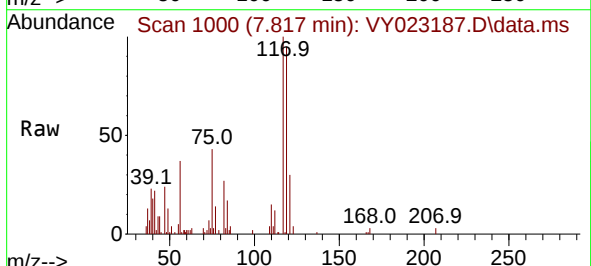
RT: 7.817 min Scan# 1000

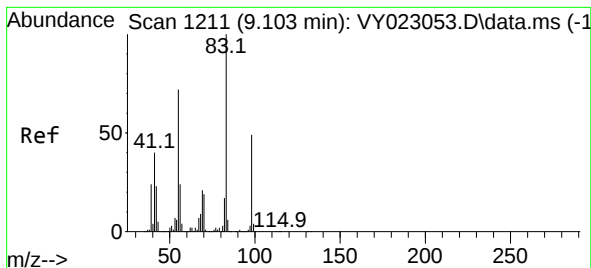
Delta R.T. 0.000 min

Lab File: VY023187.D

Acq: 22 Aug 2025 12:46

Tgt Ion:	117	Resp:	18422
Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.6	113.4
121	29.9	25.8	38.8





#39

Methylcyclohexane

Concen: 2.427 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023187.D

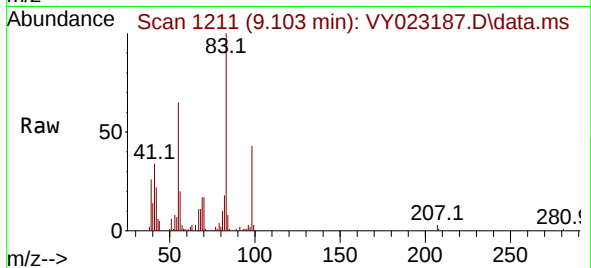
Acq: 22 Aug 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

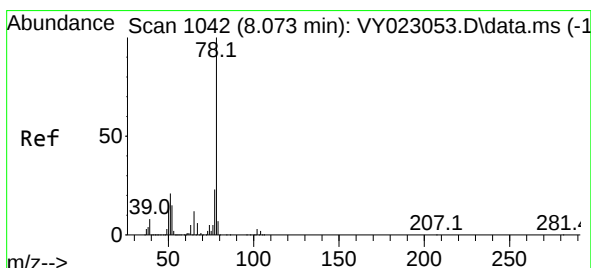
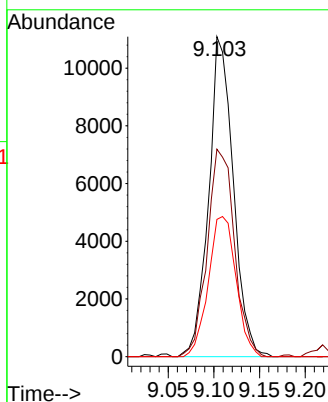
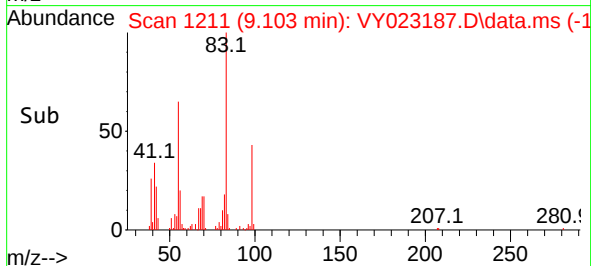


Tgt Ion:	83	Resp:	20780
Ion Ratio	Lower	Upper	
83	100		
55	64.8	57.6	86.4
98	42.9	39.2	58.8

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 2.493 ug/l

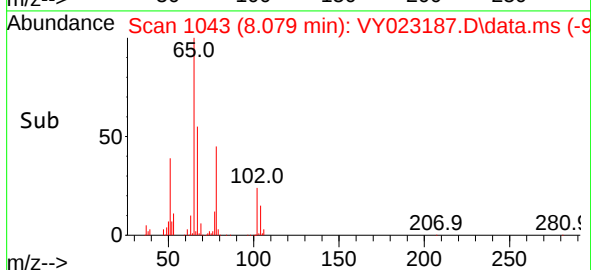
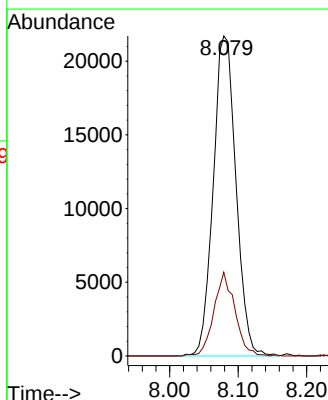
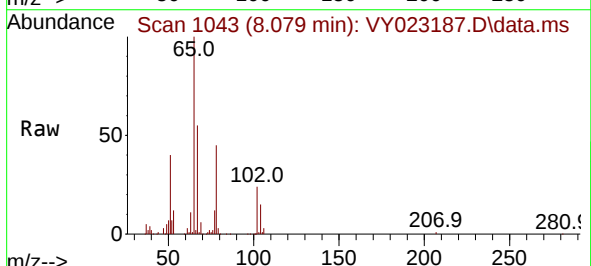
RT: 8.079 min Scan# 1043

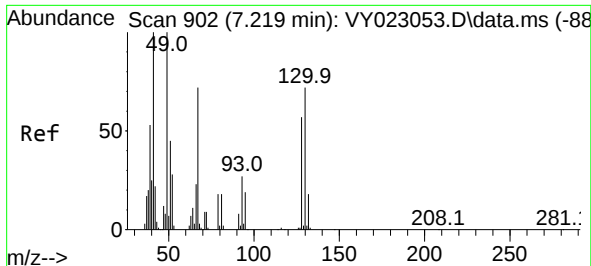
Delta R.T. 0.006 min

Lab File: VY023187.D

Acq: 22 Aug 2025 12:46

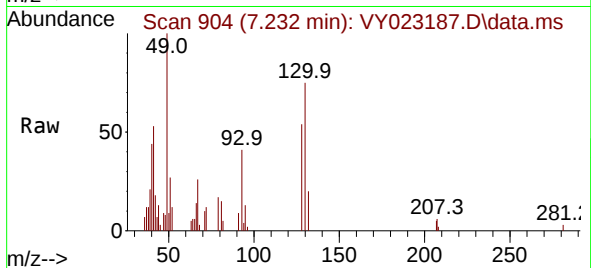
Tgt Ion:	78	Resp:	49950
Ion Ratio	Lower	Upper	
78	100		
77	26.1	18.6	28.0





#41
Methacrylonitrile
Concen: 2.165 ug/l m
RT: 7.232 min Scan# 902
Delta R.T. 0.012 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

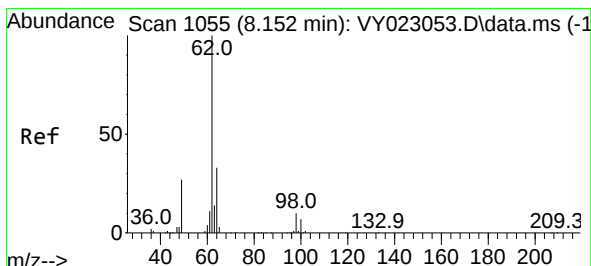
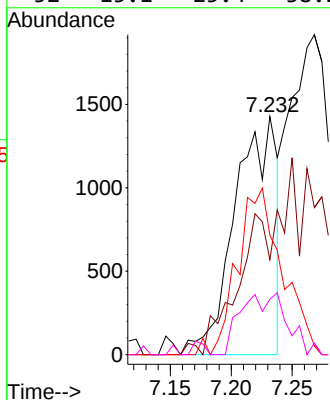
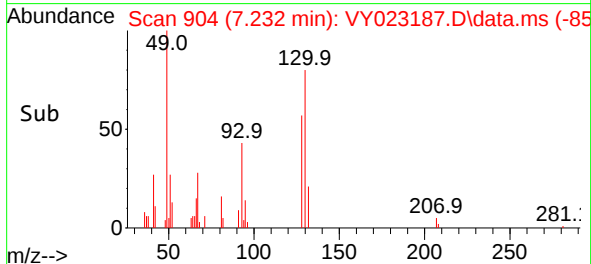
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 41 Resp: 341
Ion Ratio Lower Upper
41 100
39 46.8 43.4 65.2
67 74.7 63.6 95.4
52 15.1 25.4 38.2#

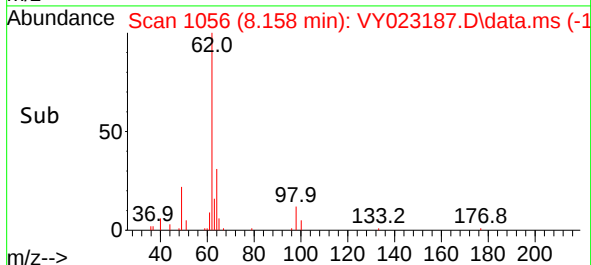
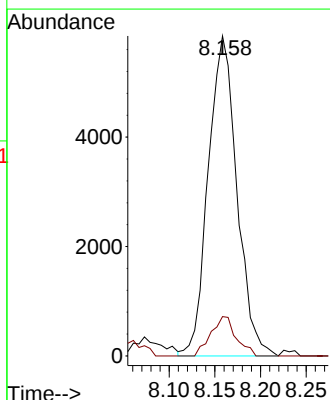
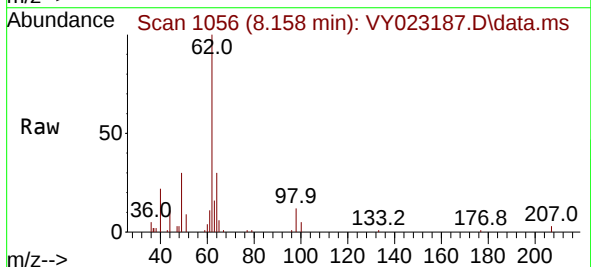
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 2.451 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

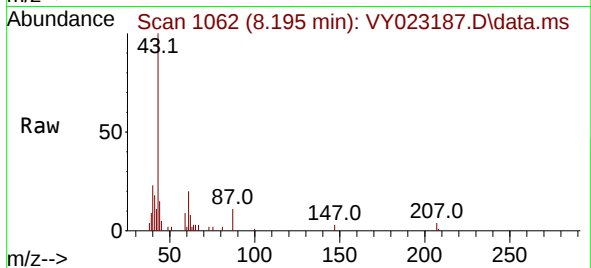
Tgt Ion: 62 Resp: 12773
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.6





#43
Isopropyl Acetate
Concen: 1.988 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

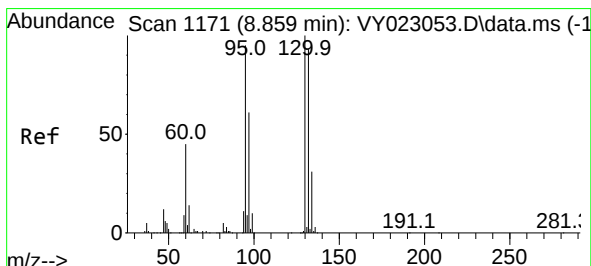
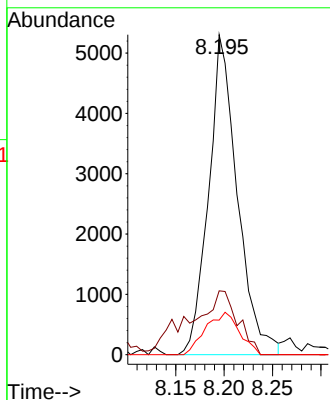
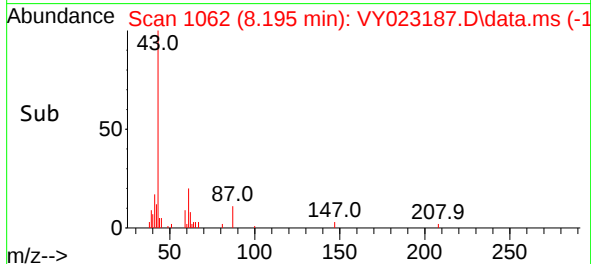
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



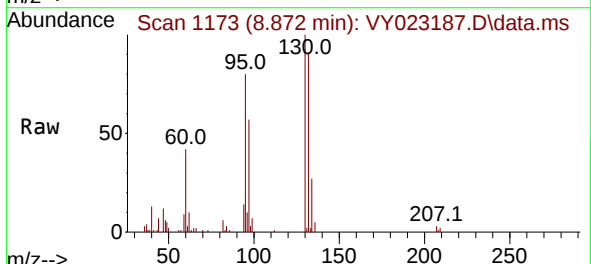
Tgt Ion: 43 Resp: 10974
Ion Ratio Lower Upper
43 100
61 27.3 16.4 24.6
87 15.5 11.8 17.6

Manual Integrations
APPROVED

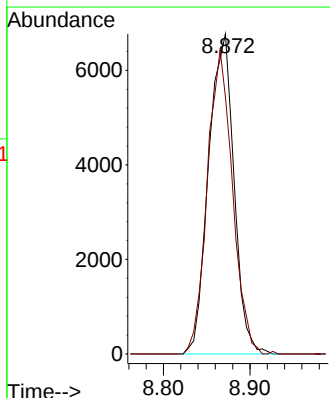
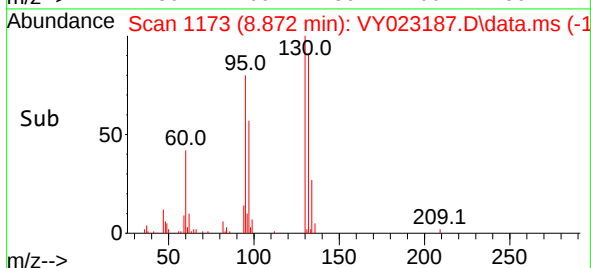
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#44
Trichloroethene
Concen: 2.663 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.012 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46



Tgt Ion:130 Resp: 13787
Ion Ratio Lower Upper
130 100
95 80.5 0.0 190.2





#45

1,2-Dichloropropane

Concen: 2.505 ug/l

RT: 9.140 min Scan# 11549

Delta R.T. 0.000 min

Lab File: VY023187.D

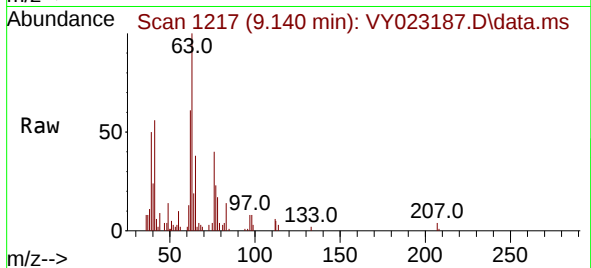
Acq: 22 Aug 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 63 Resp: 11549

Ion Ratio Lower Upper

63 100

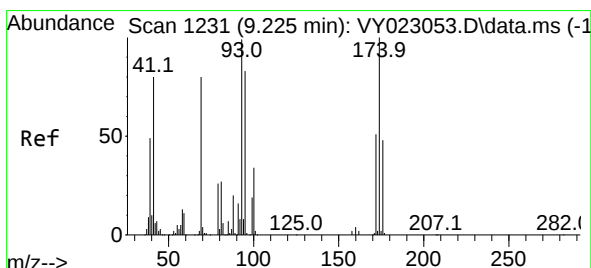
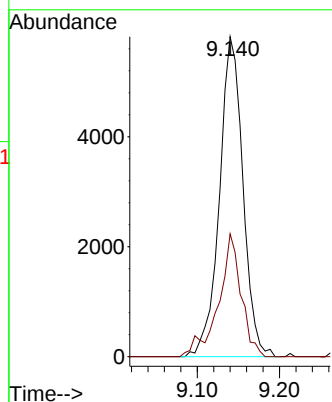
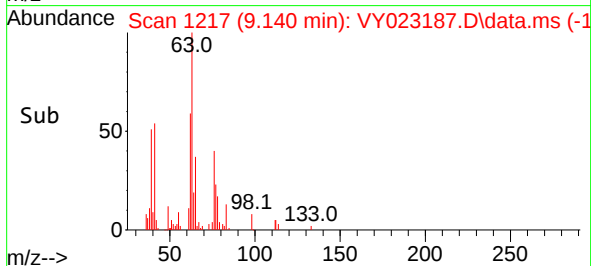
65 38.4 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#46

Dibromomethane

Concen: 2.603 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023187.D

Acq: 22 Aug 2025 12:46

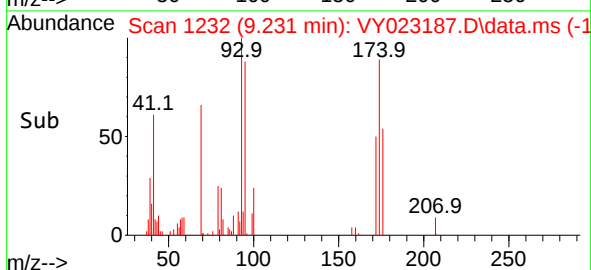
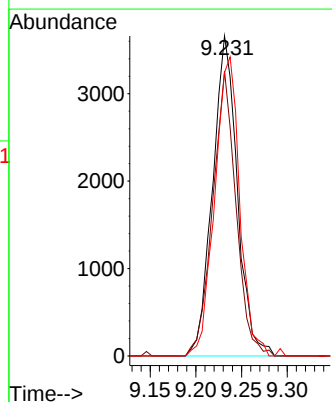
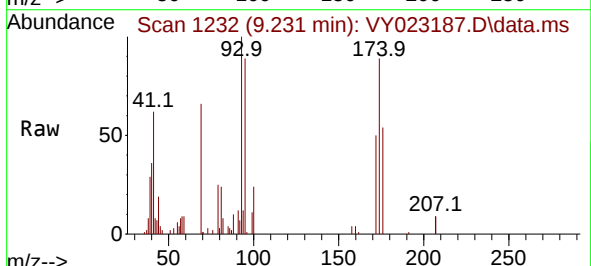
Tgt Ion: 93 Resp: 6888

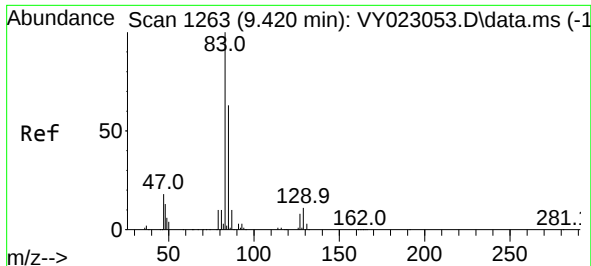
Ion Ratio Lower Upper

93 100

95 84.1 66.5 99.7

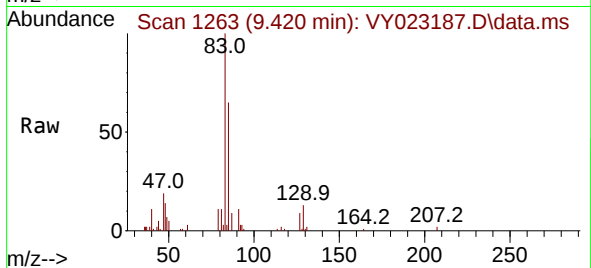
174 94.4 81.8 122.8





#47
Bromodichloromethane
Concen: 2.571 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

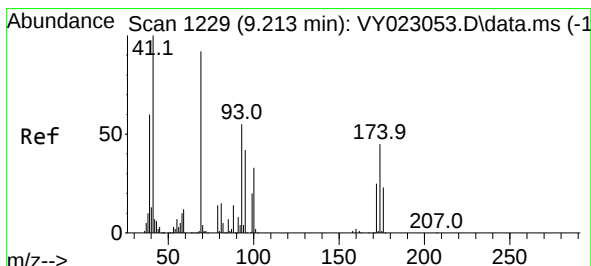
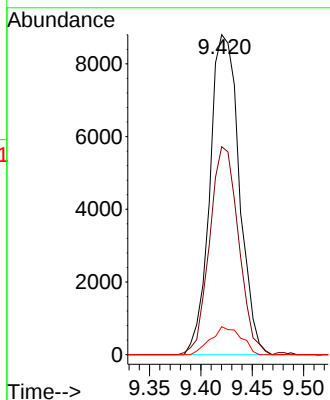
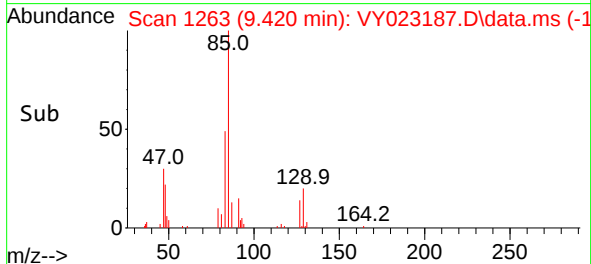
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 83 Resp: 1750
Ion Ratio Lower Upper
83 100
85 65.0 50.2 75.4
127 8.7 6.6 10.0

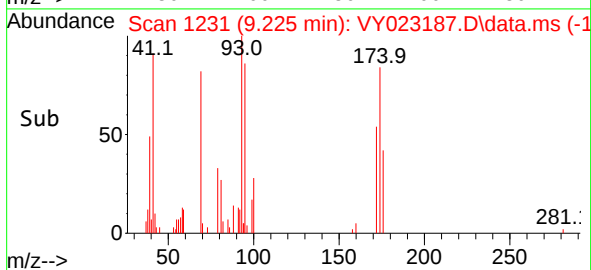
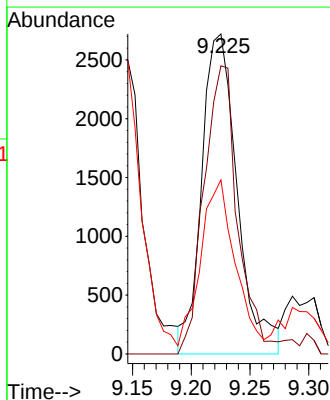
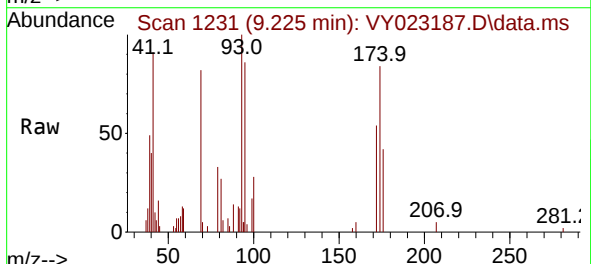
Manual Integrations
APPROVED

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



#48
Methyl methacrylate
Concen: 2.172 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

Tgt Ion: 41 Resp: 5737
Ion Ratio Lower Upper
41 100
69 85.6 73.2 109.8
39 54.1 47.0 70.4





#49

1,4-Dioxane

Concen: 38.097 ug/l

RT: 9.237 min Scan# 118

Delta R.T. 0.012 min

Lab File: VY023187.D

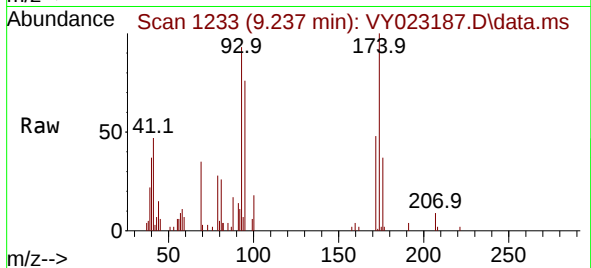
Acq: 22 Aug 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

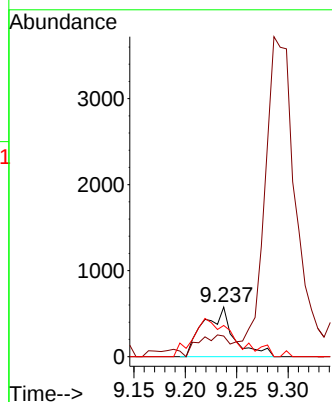
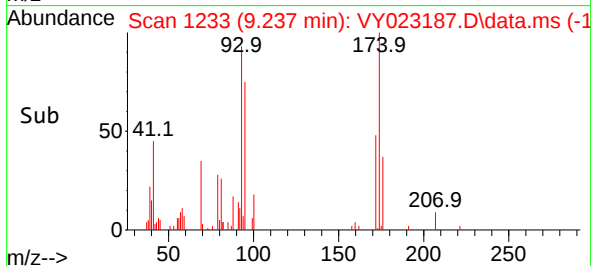


Tgt Ion:	88	Resp:	118
Ion	Ratio	Lower	Upper
88	100		
43	42.8	24.3	36.5
58	103.1	55.4	83.0

Manual Integrations

APPROVED

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



#50

Toluene-d8

Concen: 50.038 ug/l

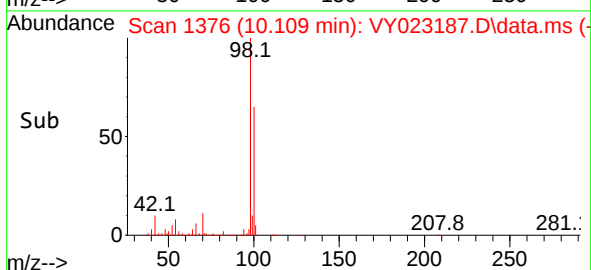
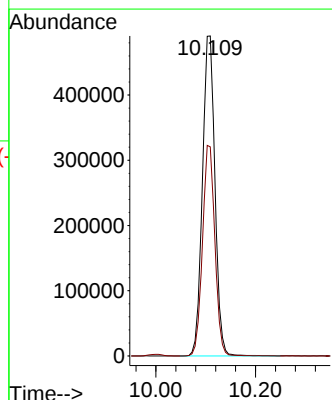
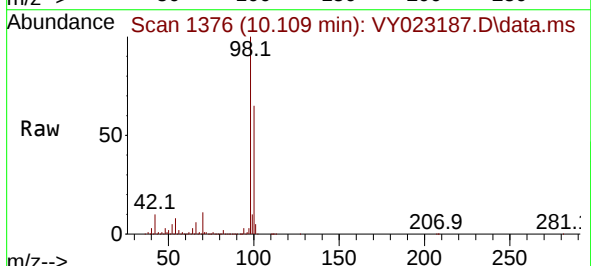
RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023187.D

Acq: 22 Aug 2025 12:46

Tgt Ion:	98	Resp:	855066
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.3	78.5





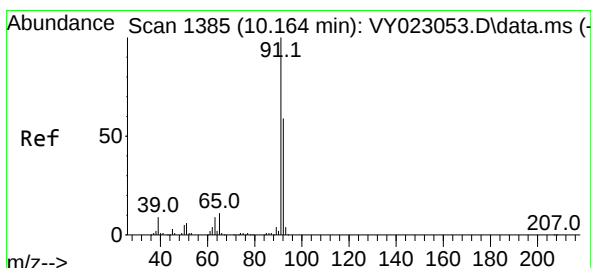
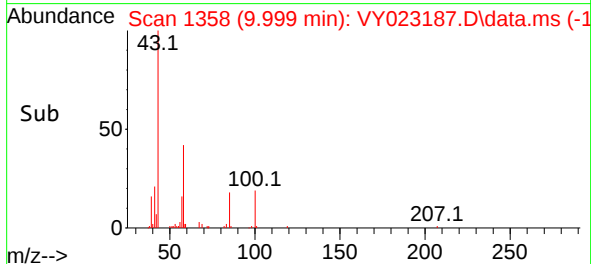
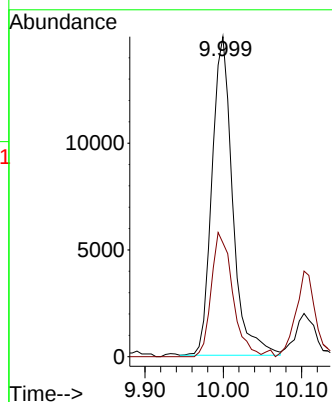
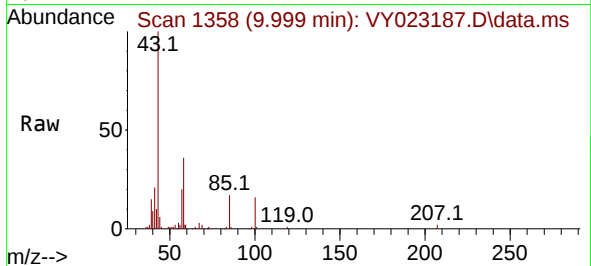
#51
4-Methyl-2-Pentanone
Concen: 9.601 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 43 Resp: 2733
Ion Ratio Lower Upper
43 100
58 40.2 33.5 50.3

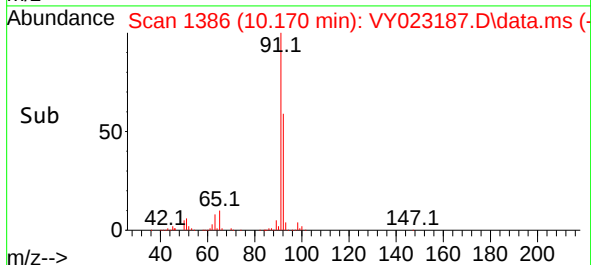
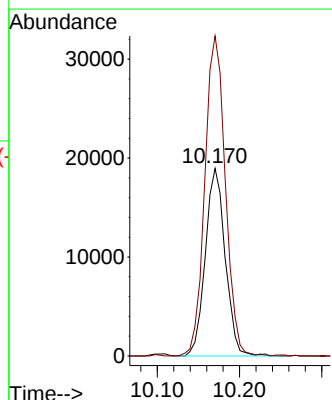
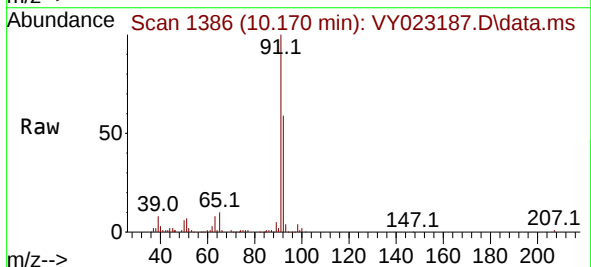
Manual Integrations
APPROVED

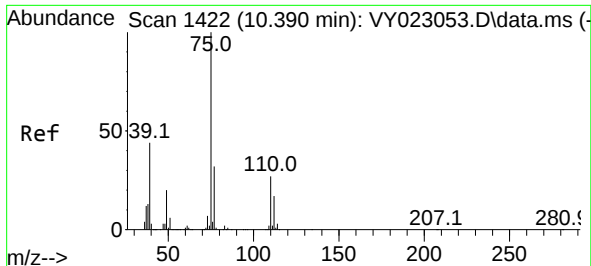
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#52
Toluene
Concen: 2.502 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

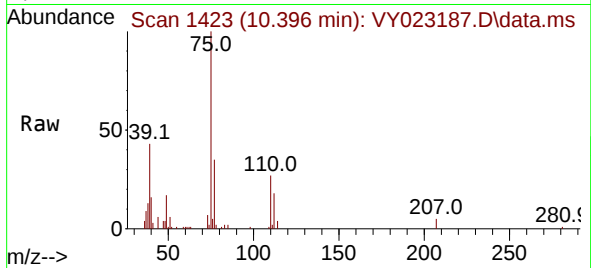
Tgt Ion: 92 Resp: 31840
Ion Ratio Lower Upper
92 100
91 176.2 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 2.197 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

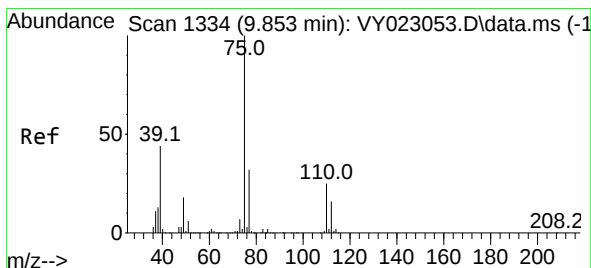
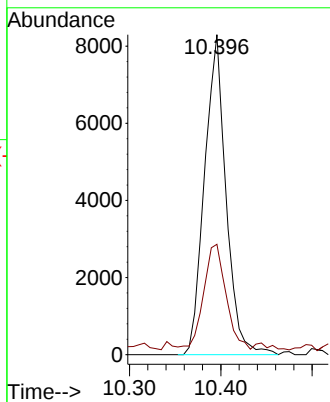
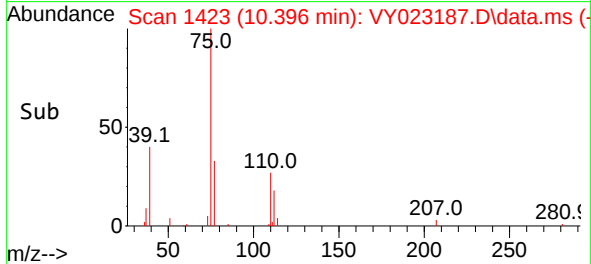
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



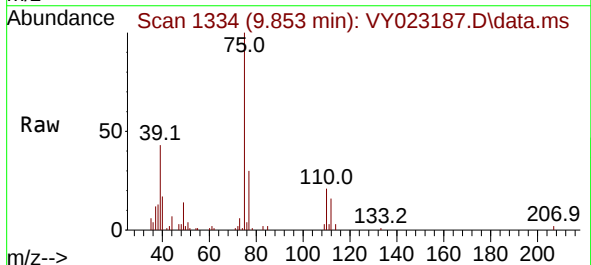
Tgt Ion: 75 Resp: 13548
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5

Manual Integrations
APPROVED

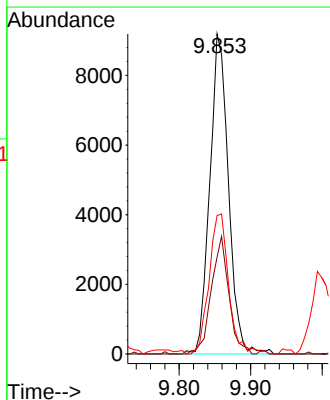
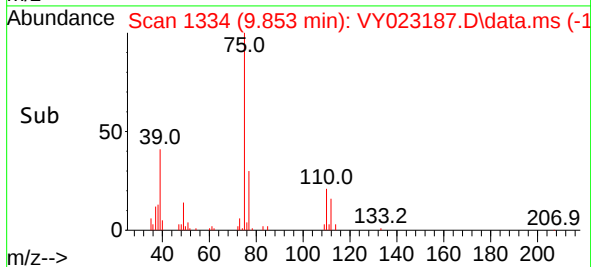
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

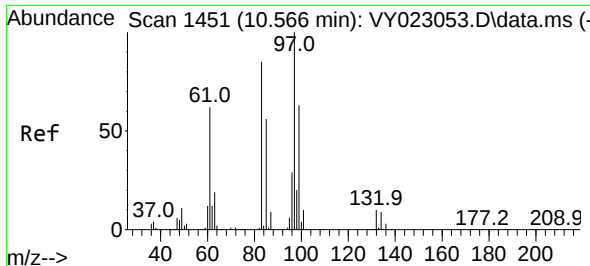


#54
cis-1,3-Dichloropropene
Concen: 2.281 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46



Tgt Ion: 75 Resp: 16633
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.0
39 43.2 35.6 53.4





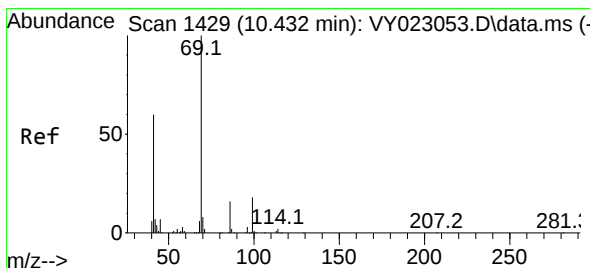
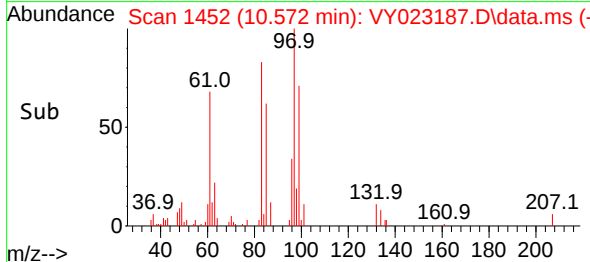
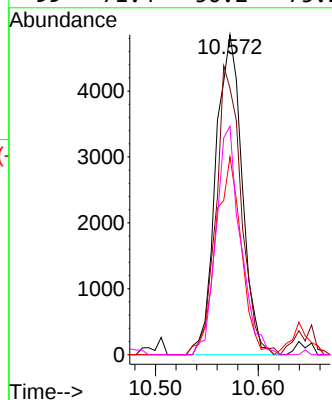
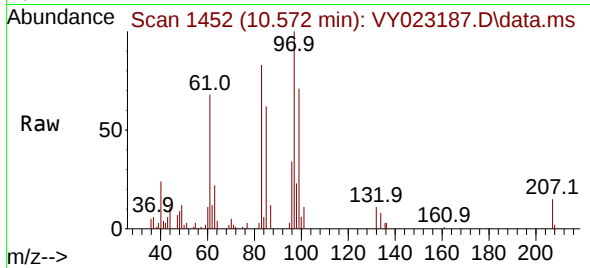
#55
1,1,2-Trichloroethane
Concen: 2.436 ug/l
RT: 10.572 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.7	101.5
85	61.8	44.5	66.7
99	71.4	50.2	75.2

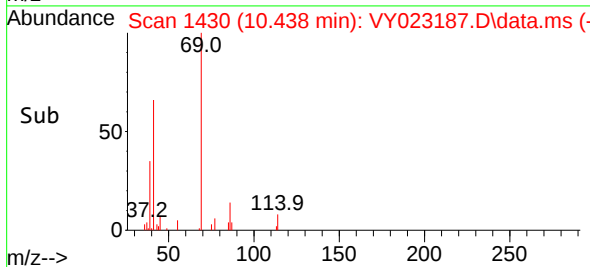
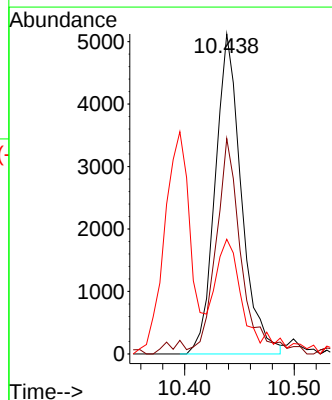
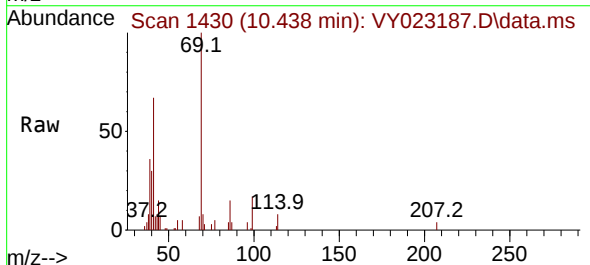
Manual Integrations
APPROVED

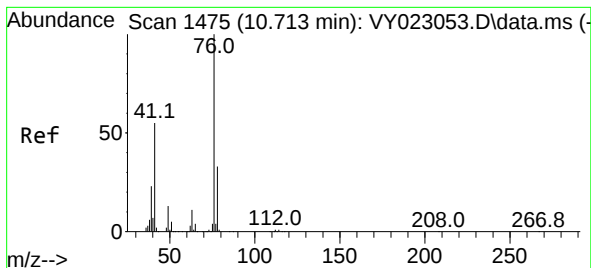
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#56
Ethyl methacrylate
Concen: 1.878 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

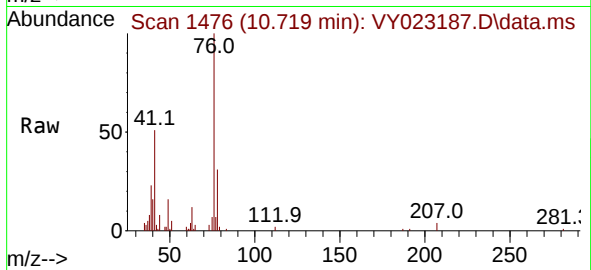
Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.2	48.6	72.8
39	40.6	27.0	40.4





#57
1,3-Dichloropropane
Concen: 2.393 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

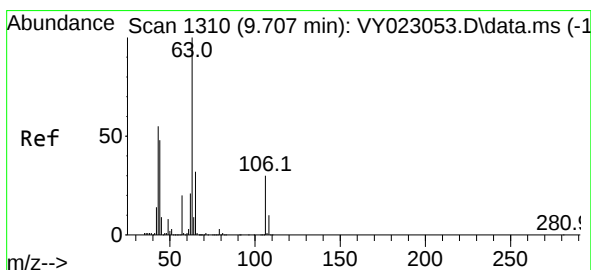
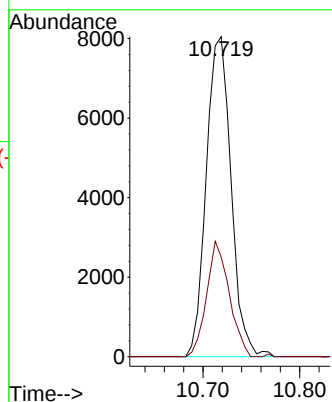
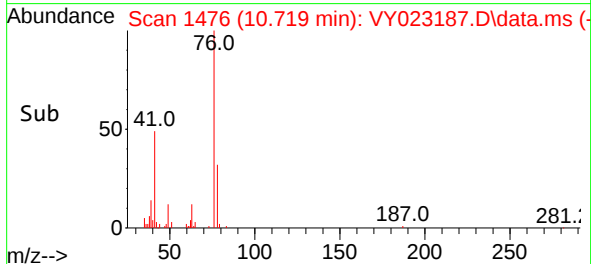
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 76 Resp: 1436
Ion Ratio Lower Upper
76 100
78 32.9 26.0 39.0

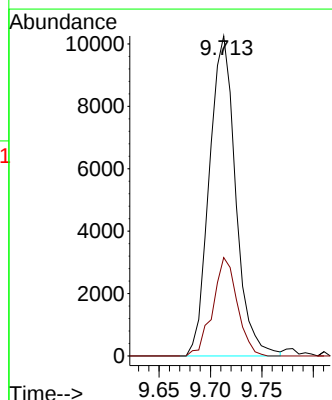
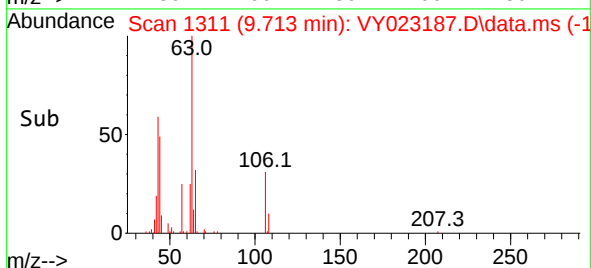
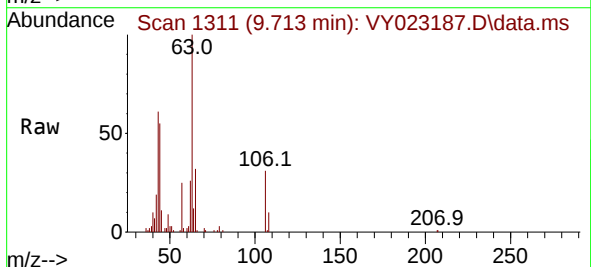
Manual Integrations
APPROVED

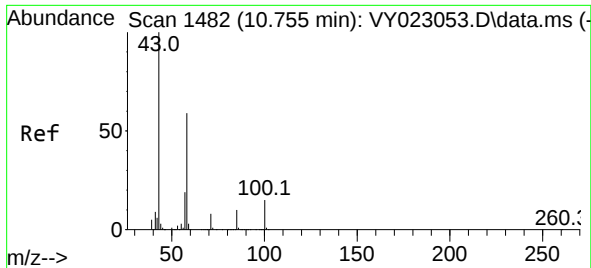
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#58
2-Chloroethyl Vinyl ether
Concen: 8.537 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

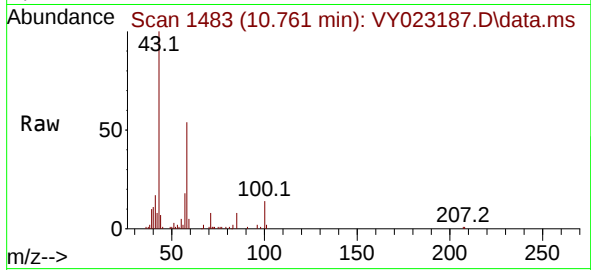
Tgt Ion: 63 Resp: 18244
Ion Ratio Lower Upper
63 100
106 28.5 23.2 34.8





#59
2-Hexanone
Concen: 10.264 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

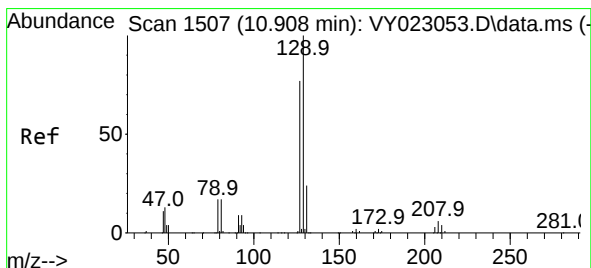
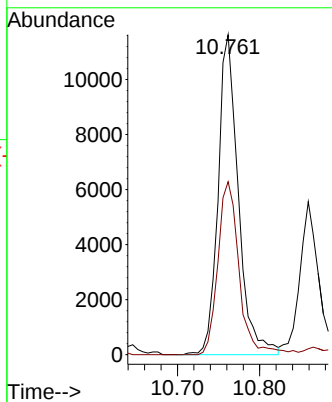
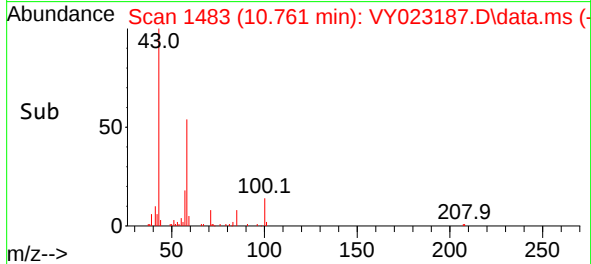
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 43 Resp: 1989
Ion Ratio Lower Upper
43 100
58 57.0 29.5 88.5

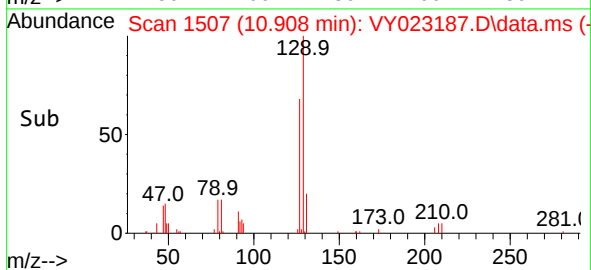
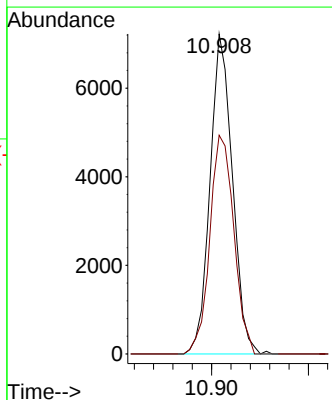
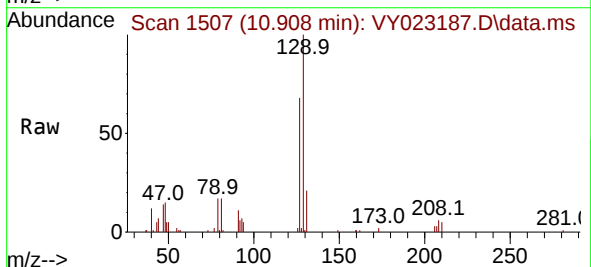
Manual Integrations
APPROVED

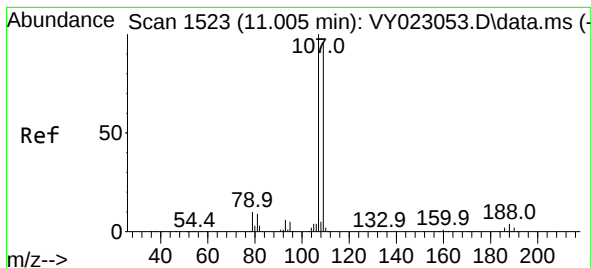
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#60
Dibromochloromethane
Concen: 2.478 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

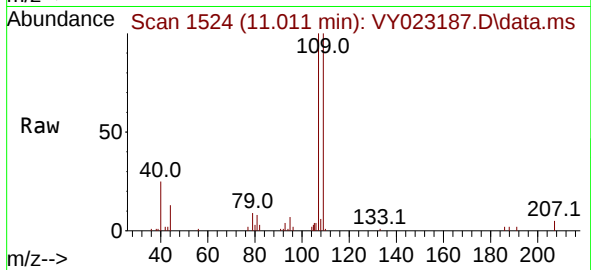
Tgt Ion:129 Resp: 11576
Ion Ratio Lower Upper
129 100
127 73.5 38.5 115.5





#61
1,2-Dibromoethane
Concen: 2.346 ug/l
RT: 11.011 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

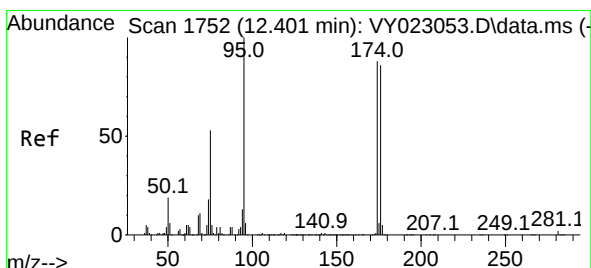
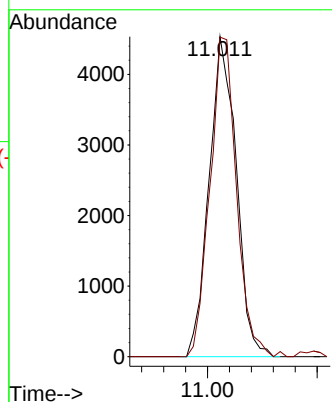
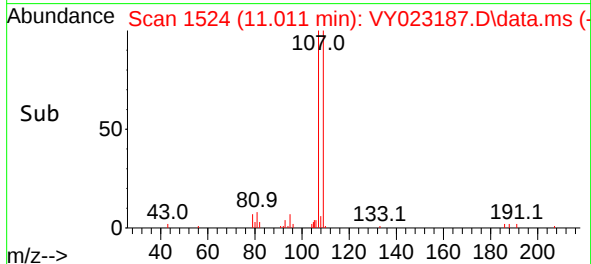
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



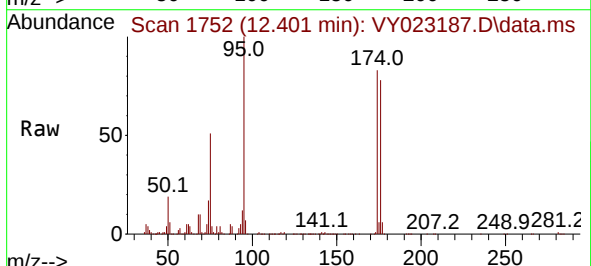
Tgt Ion:107 Resp: 780
Ion Ratio Lower Upper
107 100
109 97.5 75.6 113.4

Manual Integrations
APPROVED

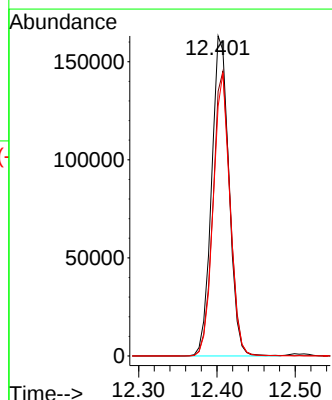
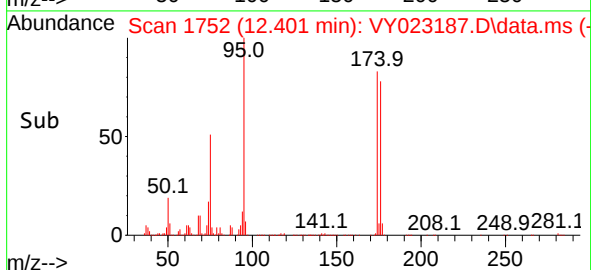
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

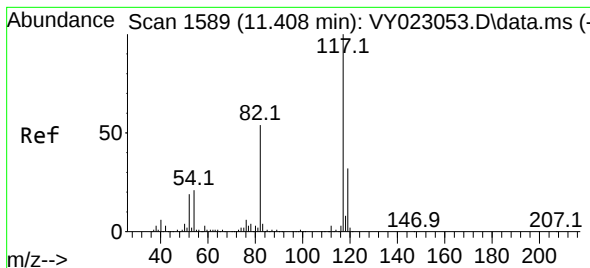


#62
4-Bromofluorobenzene
Concen: 45.688 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46



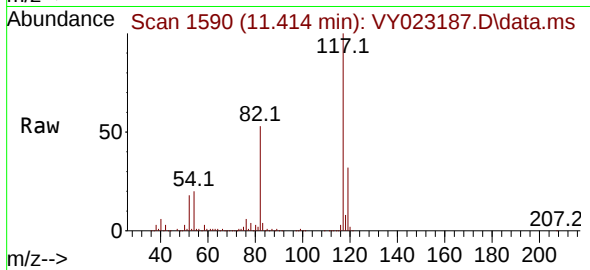
Tgt Ion: 95 Resp: 251079
Ion Ratio Lower Upper
95 100
174 87.7 0.0 171.6
176 85.0 0.0 167.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

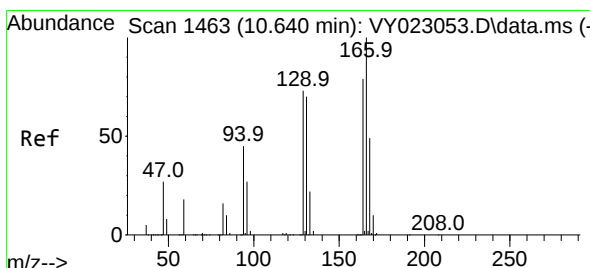
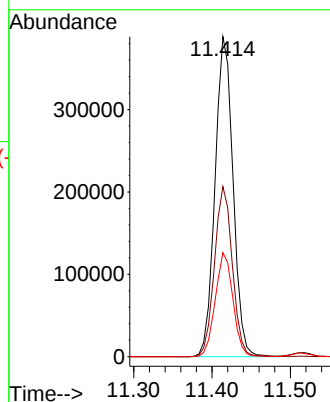
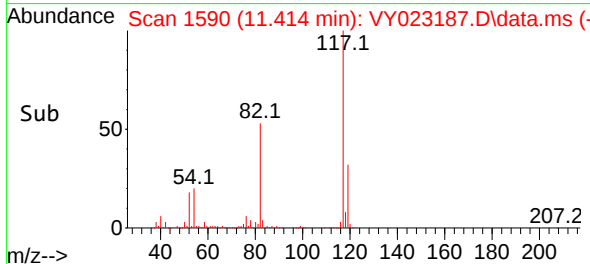
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:117 Resp: 621124
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.5 25.6 38.4

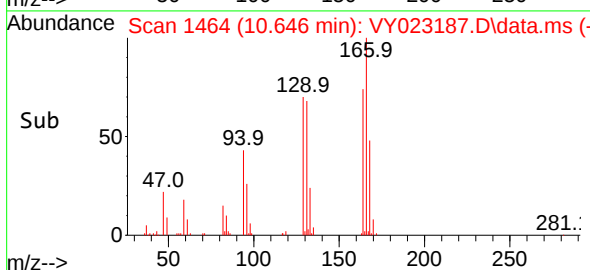
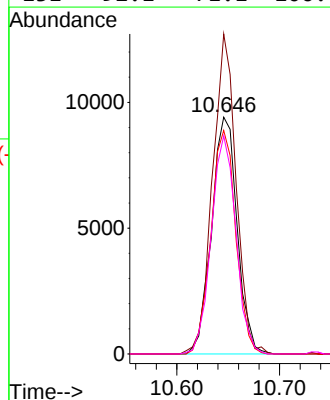
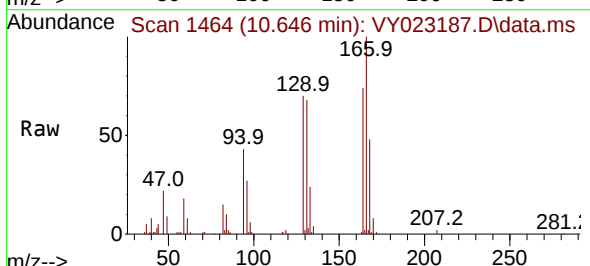
Manual Integrations
APPROVED

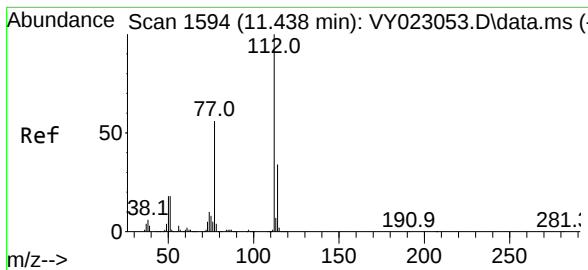
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#64
Tetrachloroethene
Concen: 2.924 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

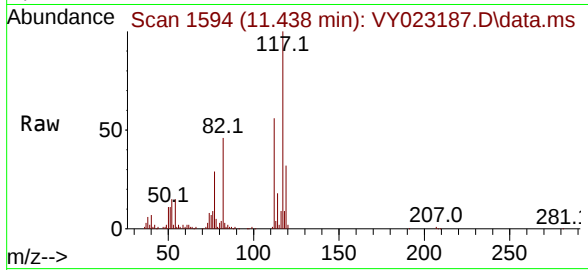
Tgt Ion:164 Resp: 16215
Ion Ratio Lower Upper
164 100
166 135.1 101.1 151.7
129 94.4 74.0 111.0
131 92.1 71.1 106.7





#65
Chlorobenzene
Concen: 2.660 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

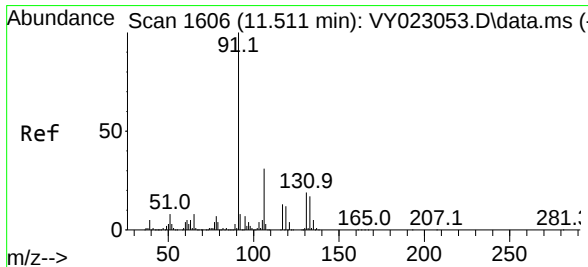
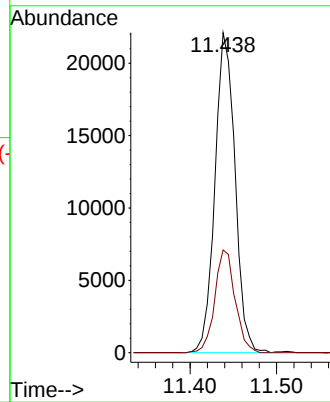
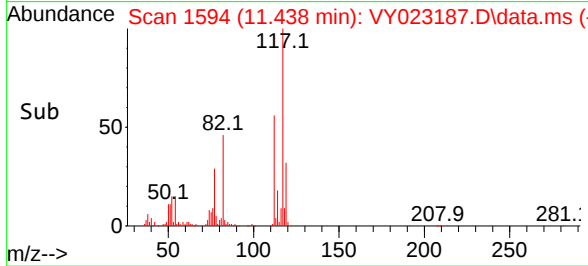
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



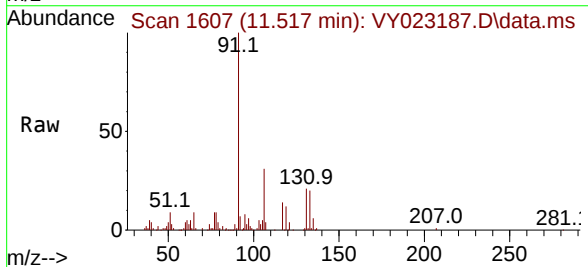
Tgt Ion:112 Resp: 3563
Ion Ratio Lower Upper
112 100
114 32.1 27.0 40.4

Manual Integrations
APPROVED

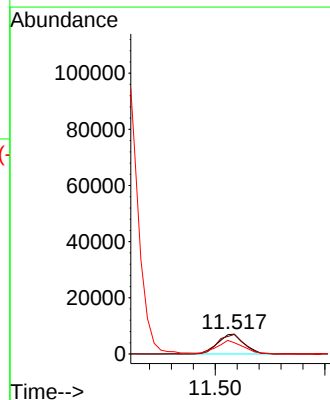
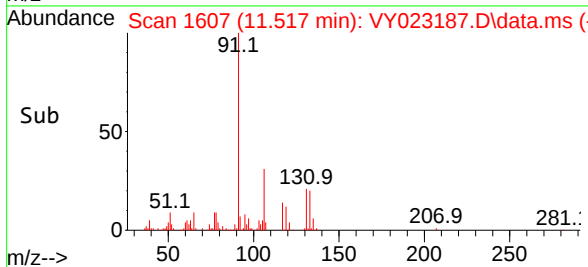
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

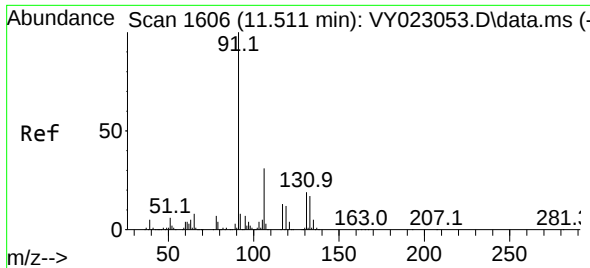


#66
1,1,1,2-Tetrachloroethane
Concen: 2.601 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46



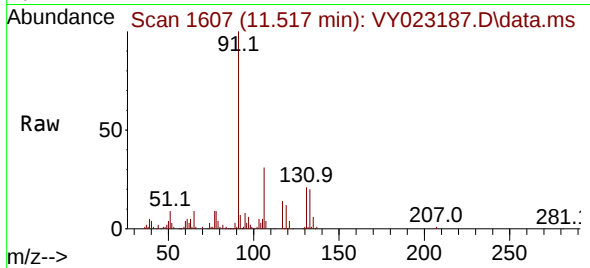
Tgt Ion:131 Resp: 11829
Ion Ratio Lower Upper
131 100
133 96.2 46.9 140.6
119 67.4 33.2 99.6





#67
Ethyl Benzene
Concen: 2.393 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

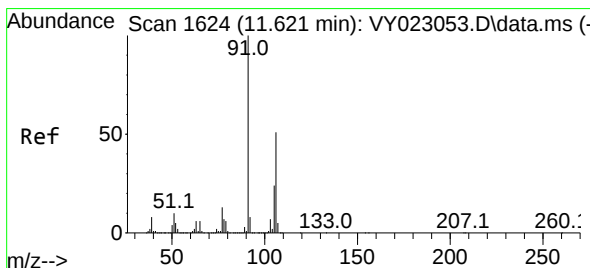
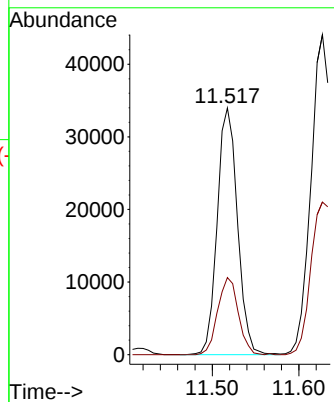
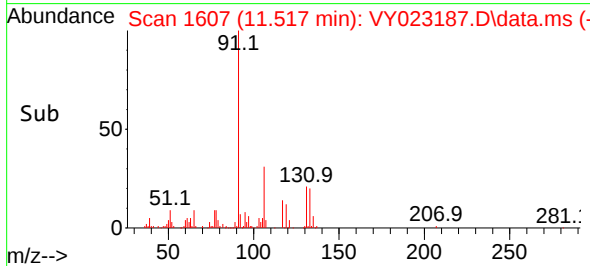
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



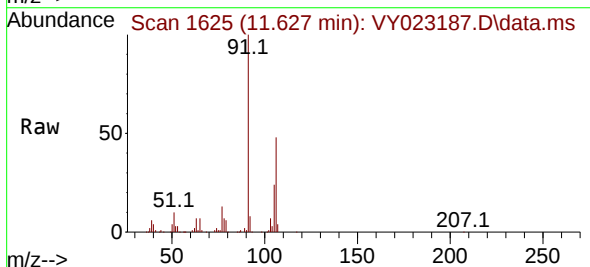
Tgt Ion: 91 Resp: 55184
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4

Manual Integrations
APPROVED

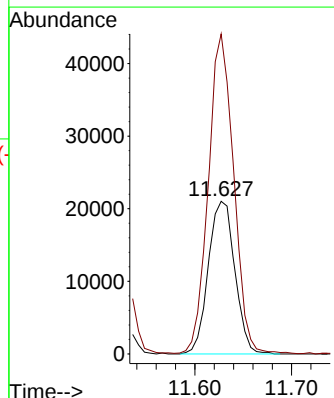
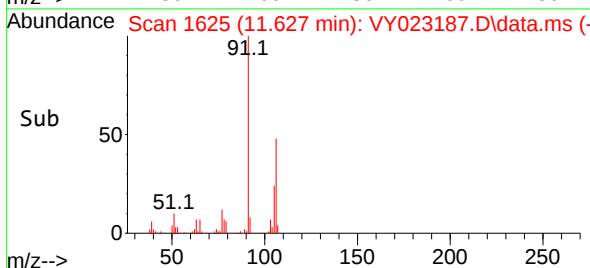
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

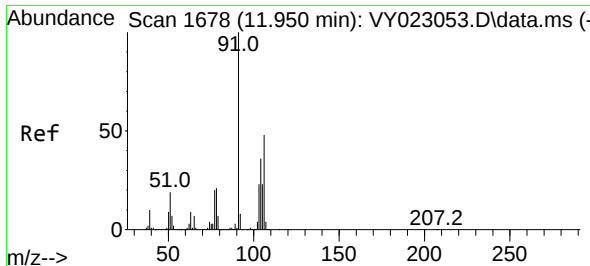


#68
m/p-Xylenes
Concen: 4.450 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46



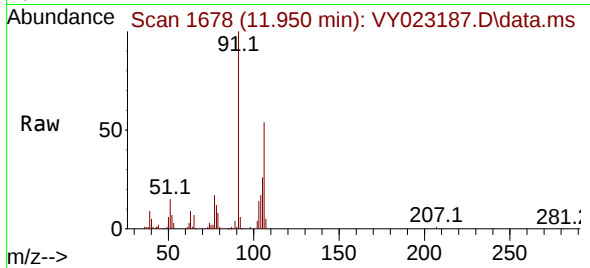
Tgt Ion:106 Resp: 40070
Ion Ratio Lower Upper
106 100
91 200.3 158.6 238.0





#69
o-Xylene
Concen: 2.327 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

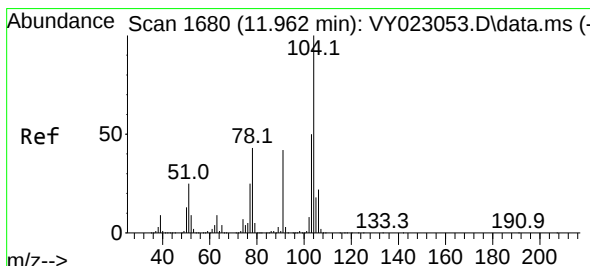
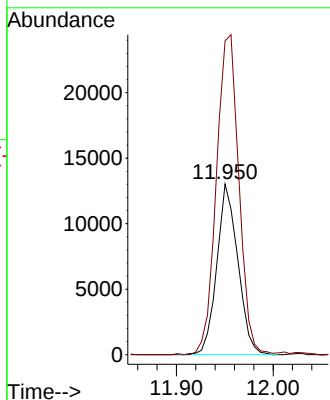
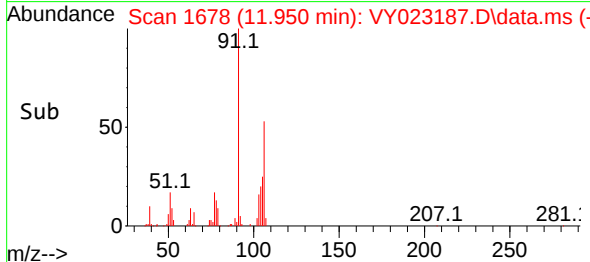
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



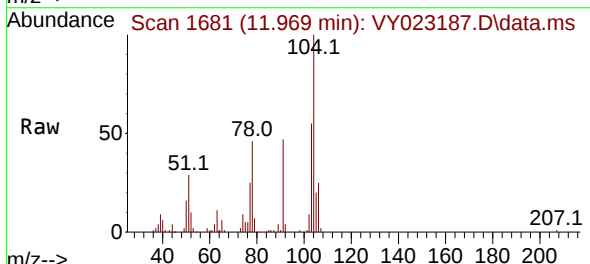
Tgt Ion:106 Resp: 19624
Ion Ratio Lower Upper
106 100
91 200.9 103.2 309.4

Manual Integrations
APPROVED

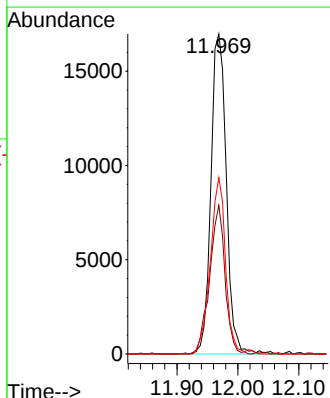
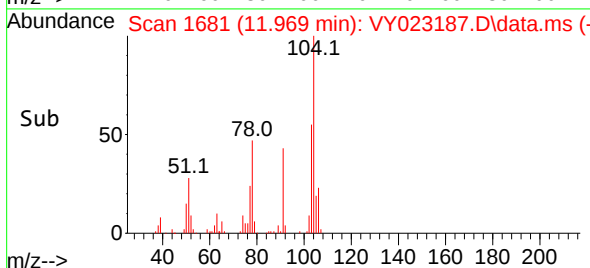
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#70
Styrene
Concen: 2.162 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46



Tgt Ion:104 Resp: 29818
Ion Ratio Lower Upper
104 100
78 46.2 38.5 57.7
103 54.4 43.7 65.5





#71

Bromoform

Concen: 2.376 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY023187.D

Acq: 22 Aug 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

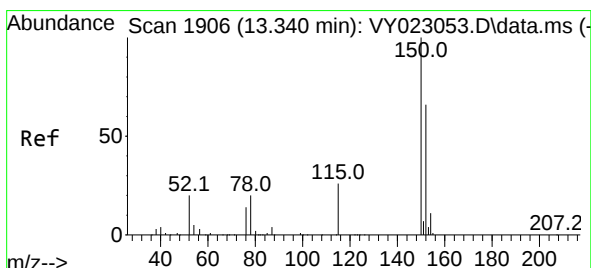
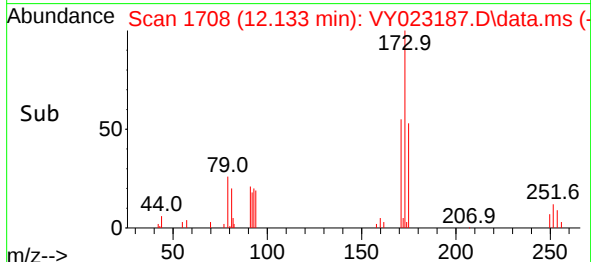
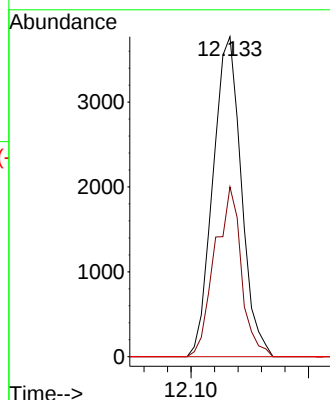
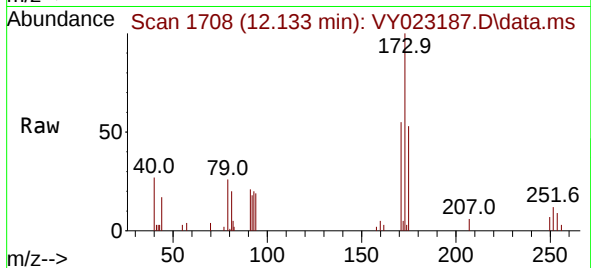
Tgt Ion:173	Resp: 6314
Ion Ratio	Lower Upper
173 100	
175 49.8	23.9 71.7
254 0.0	0.1 0.1

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

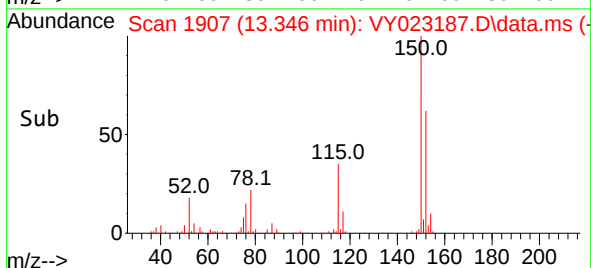
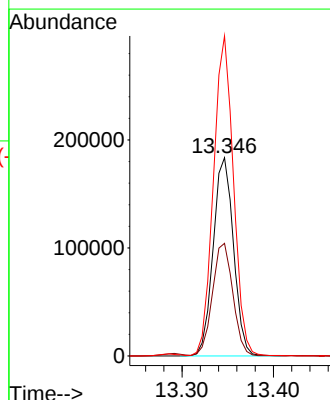
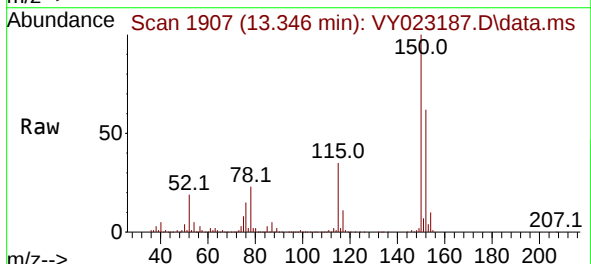
RT: 13.346 min Scan# 1907

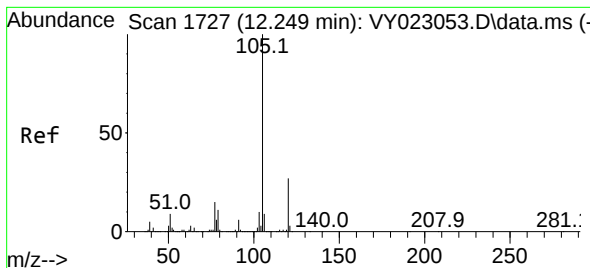
Delta R.T. 0.006 min

Lab File: VY023187.D

Acq: 22 Aug 2025 12:46

Tgt Ion:152	Resp: 283458
Ion Ratio	Lower Upper
152 100	
115 57.0	28.2 84.6
150 159.0	0.0 348.0





#73

Isopropylbenzene

Concen: 2.381 ug/l

RT: 12.255 min Scan# 1727

Delta R.T. 0.006 min

Lab File: VY023187.D

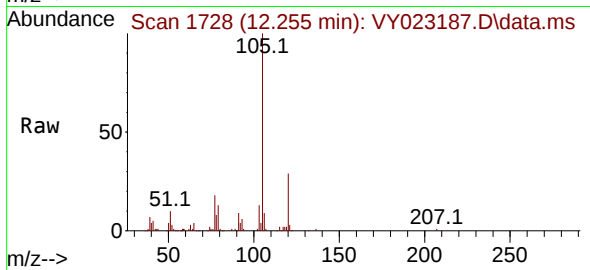
Acq: 22 Aug 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:105 Resp: 47634

Ion Ratio Lower Upper

105 100

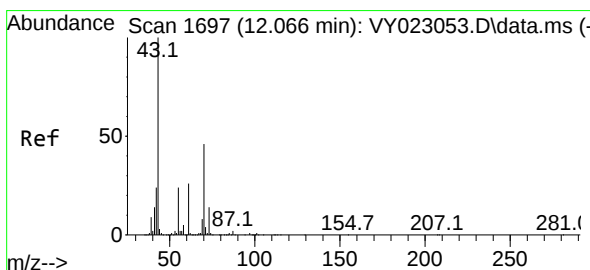
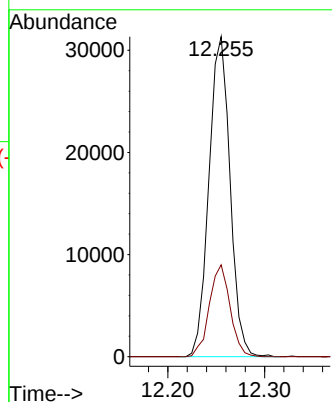
120 28.2 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#74

N-ethyl acetate

Concen: 1.980 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023187.D

Acq: 22 Aug 2025 12:46

Tgt Ion: 43 Resp: 8401

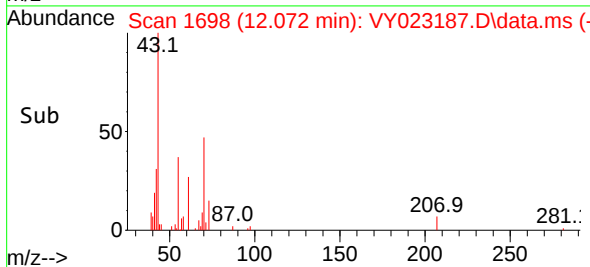
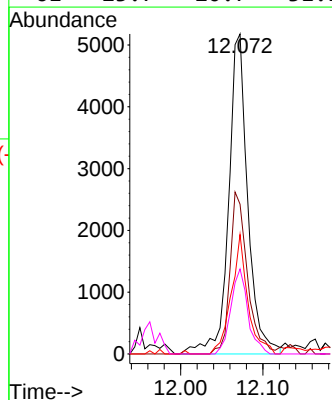
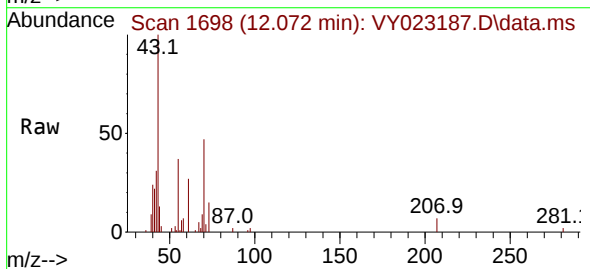
Ion Ratio Lower Upper

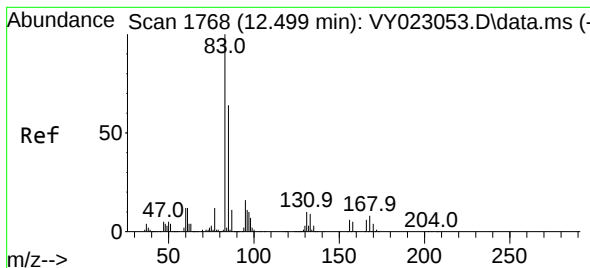
43 100

70 46.0 37.5 56.3

55 32.4 20.7 31.1#

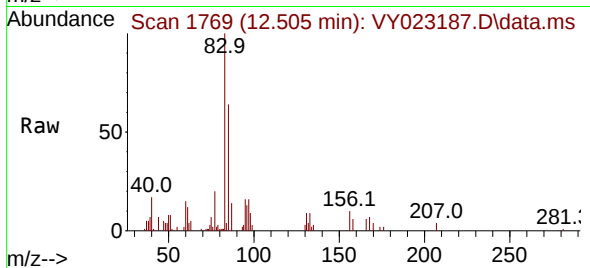
61 23.7 20.7 31.1





#75
1,1,2,2-Tetrachloroethane
Concen: 2.617 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

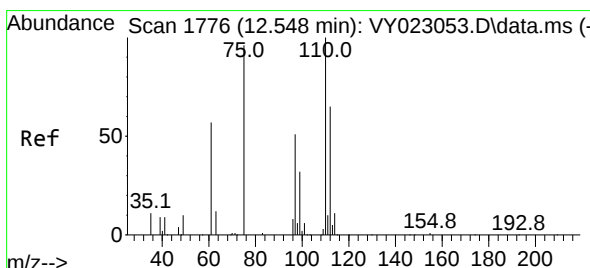
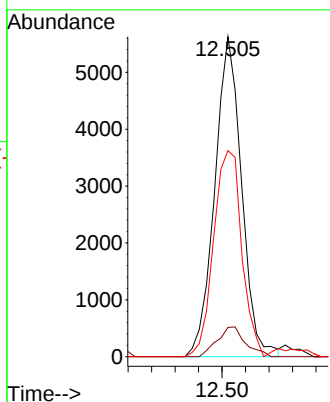
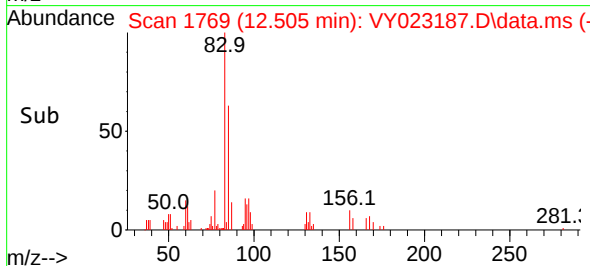
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 83 Resp: 8938
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 67.6 31.8 95.3

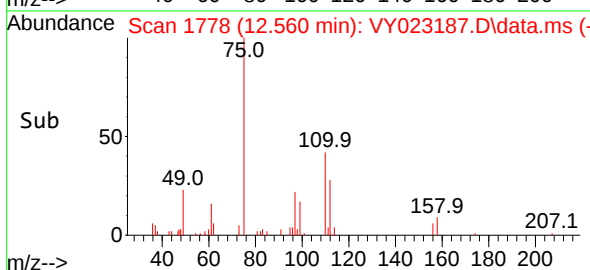
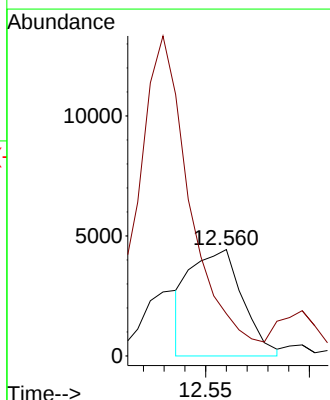
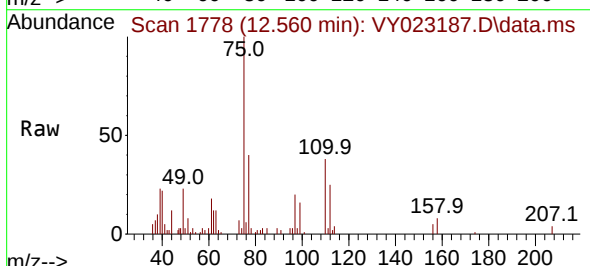
Manual Integrations
APPROVED

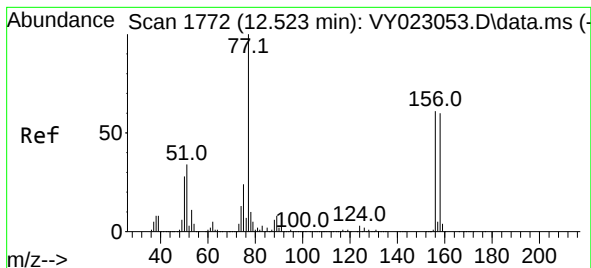
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#76
1,2,3-Trichloropropane
Concen: 2.841 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.012 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

Tgt Ion: 75 Resp: 7773
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.914 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023187.D

Acq: 22 Aug 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

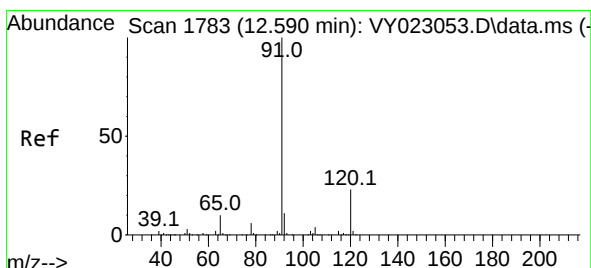
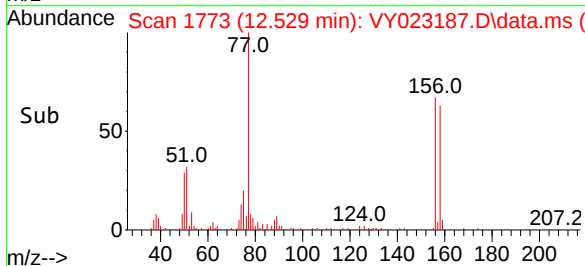
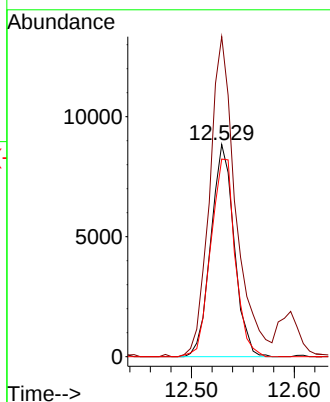
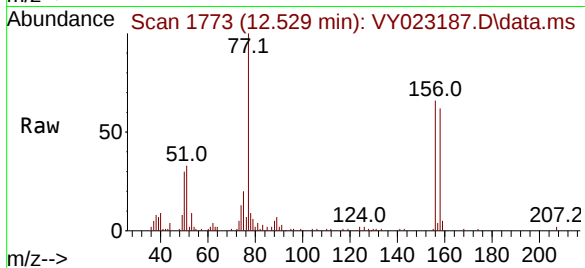
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:	156	Resp:	1390
Ion Ratio	Lower	Upper	
156	100		
77	169.6	88.1	264.4
158	97.1	48.0	144.0

Manual Integrations

APPROVED

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



#78

n-propylbenzene

Concen: 2.603 ug/l

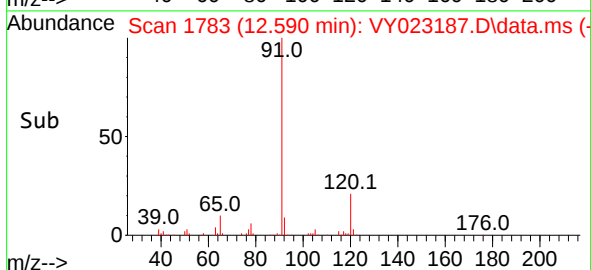
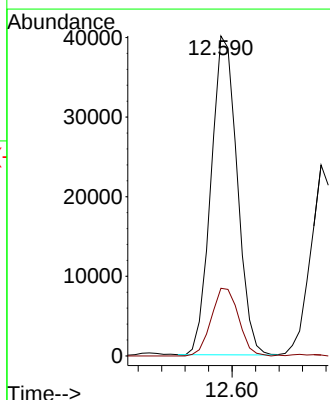
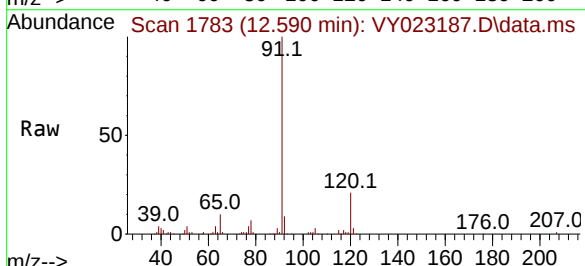
RT: 12.590 min Scan# 1783

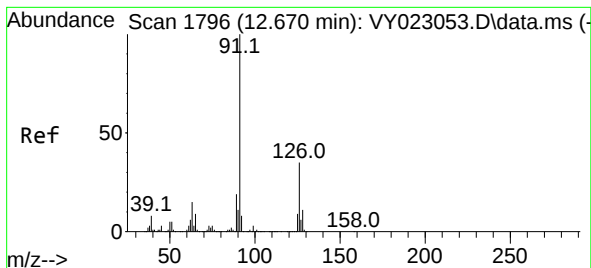
Delta R.T. 0.000 min

Lab File: VY023187.D

Acq: 22 Aug 2025 12:46

Tgt Ion:	91	Resp:	62006
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.5	34.5





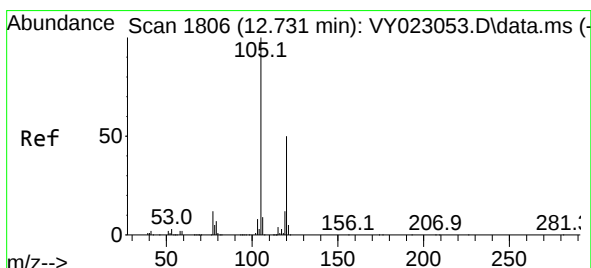
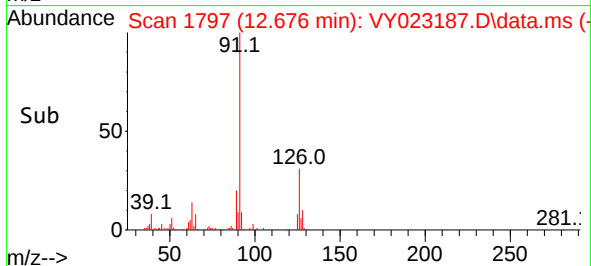
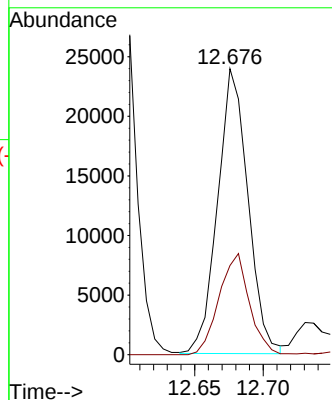
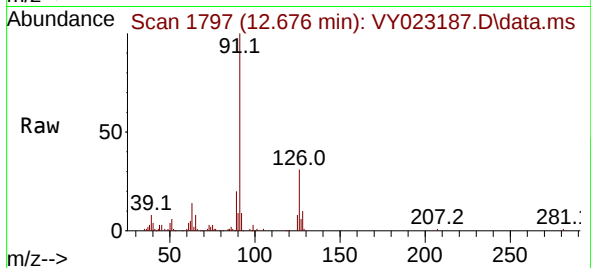
#79
2-Chlorotoluene
Concen: 2.697 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 91 Resp: 3680
Ion Ratio Lower Upper
91 100
126 35.5 17.4 52.3

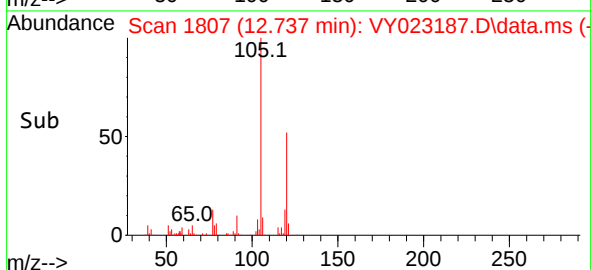
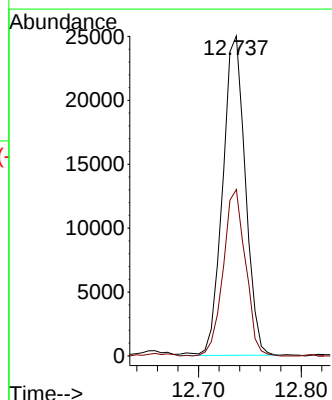
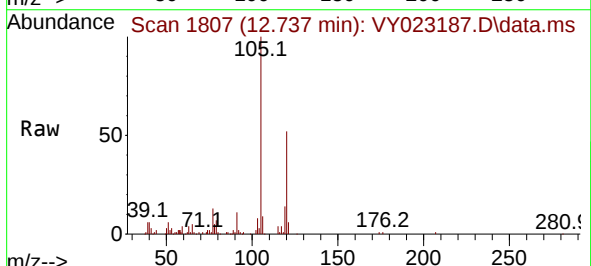
Manual Integrations
APPROVED

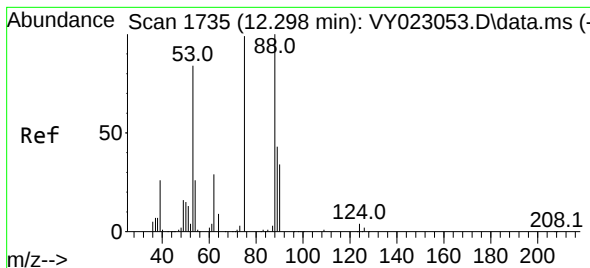
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 2.363 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

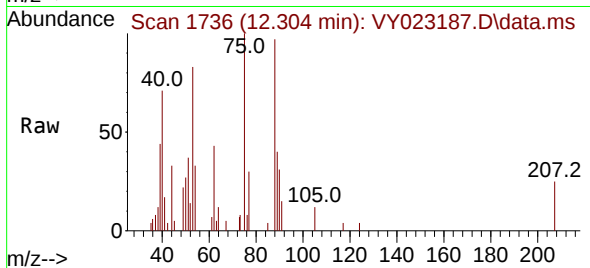
Tgt Ion:105 Resp: 38201
Ion Ratio Lower Upper
105 100
120 51.3 24.8 74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 2.334 ug/l m
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

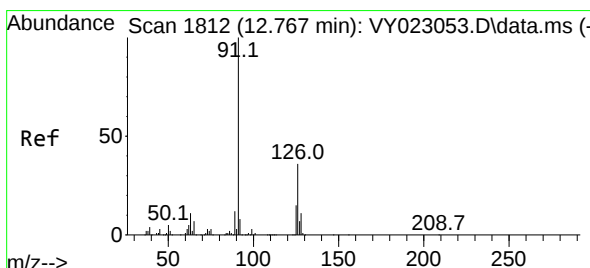
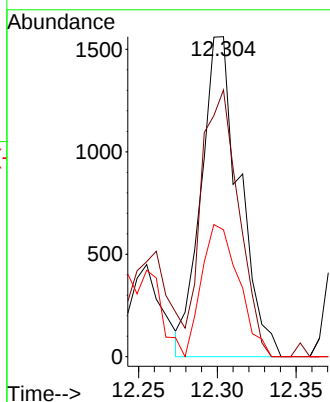
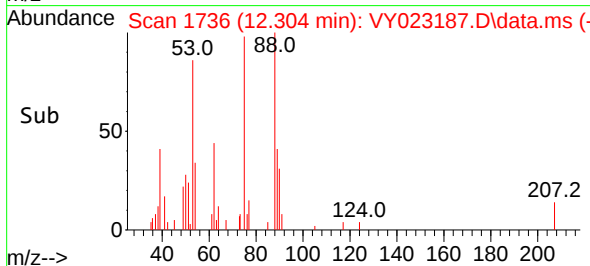
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 75 Resp: 2638
Ion Ratio Lower Upper
75 100
53 4.1 70.8 106.2
89 0.0 38.1 57.1

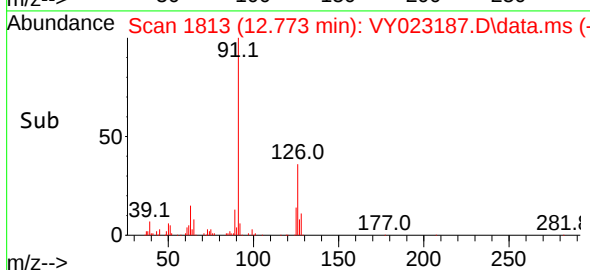
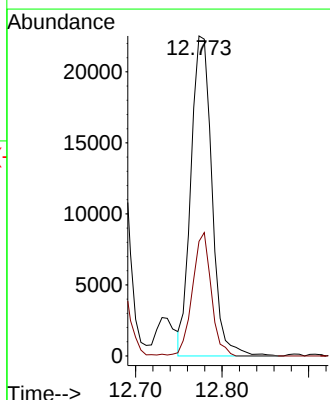
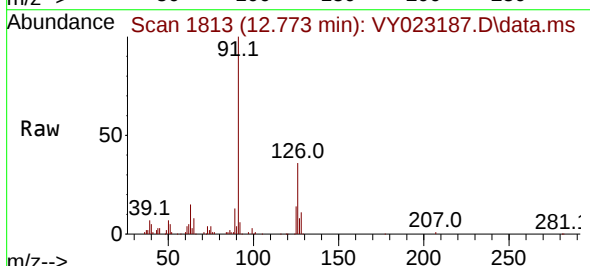
Manual Integrations
APPROVED

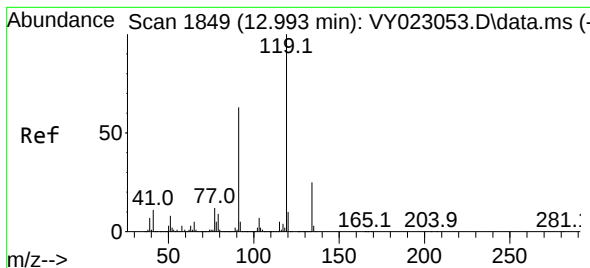
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#82
4-Chlorotoluene
Concen: 2.677 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

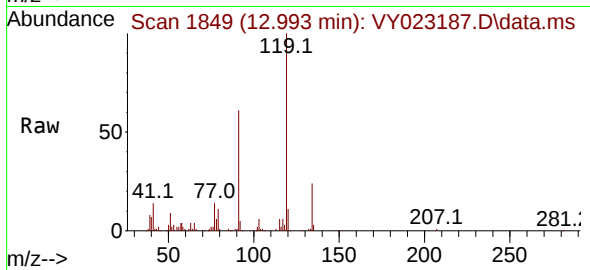
Tgt Ion: 91 Resp: 37900
Ion Ratio Lower Upper
91 100
126 34.8 17.3 52.0





#83
tert-Butylbenzene
Concen: 2.449 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

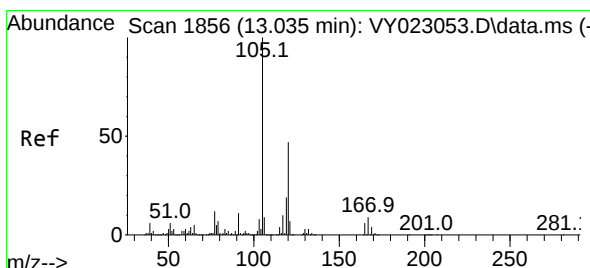
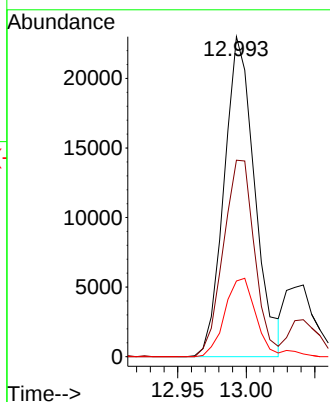
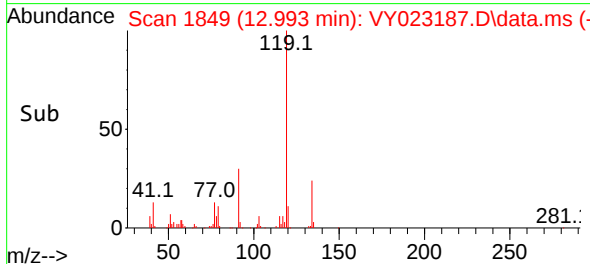
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



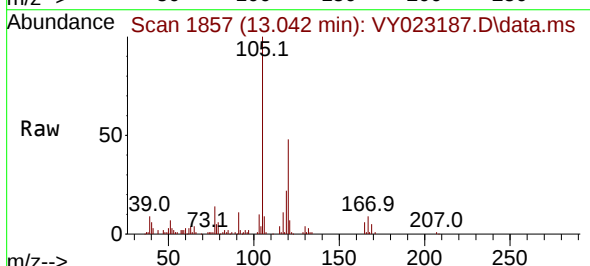
Tgt Ion:119 Resp: 35759
Ion Ratio Lower Upper
119 100
91 62.7 31.6 94.8
134 25.6 12.9 38.7

Manual Integrations
APPROVED

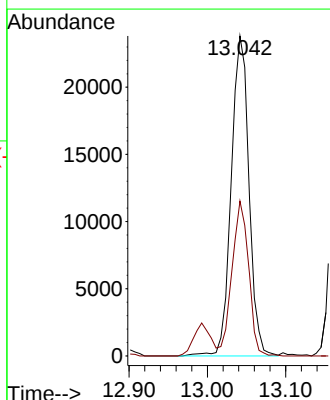
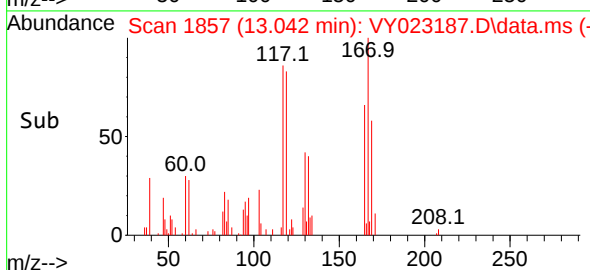
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

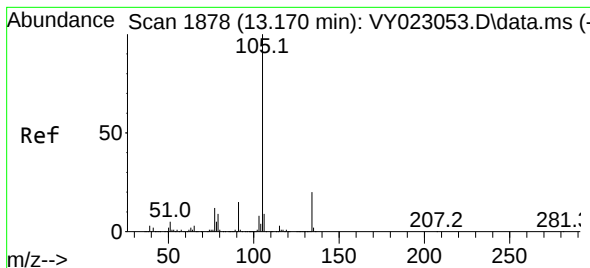


#84
1,2,4-Trimethylbenzene
Concen: 2.325 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46



Tgt Ion:105 Resp: 37420
Ion Ratio Lower Upper
105 100
120 45.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 2.502 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023187.D

Acq: 22 Aug 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:105 Resp: 5368

Ion Ratio Lower Upper

105 100

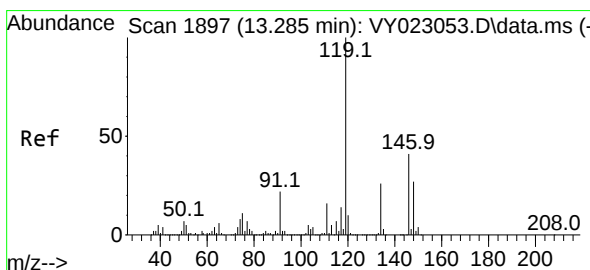
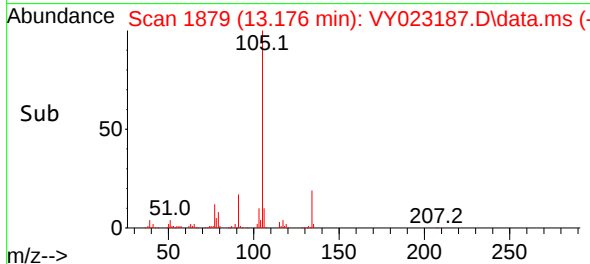
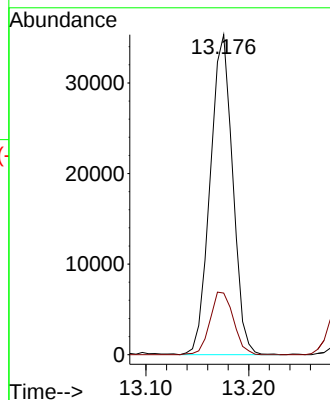
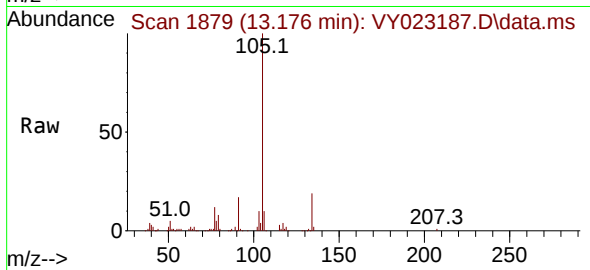
134 20.3 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#86

p-Isopropyltoluene

Concen: 2.321 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023187.D

Acq: 22 Aug 2025 12:46

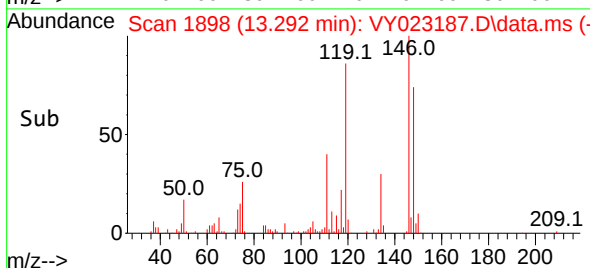
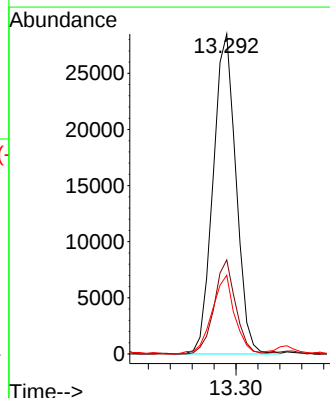
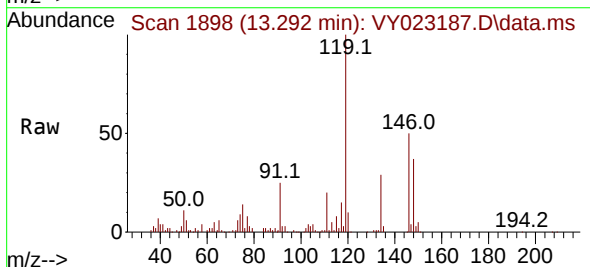
Tgt Ion:119 Resp: 41323

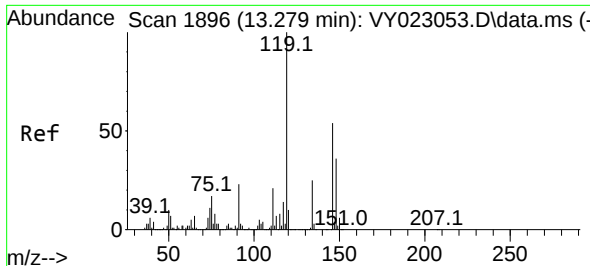
Ion Ratio Lower Upper

119 100

134 27.6 13.2 39.6

91 24.4 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 2.730 ug/l

RT: 13.285 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023187.D

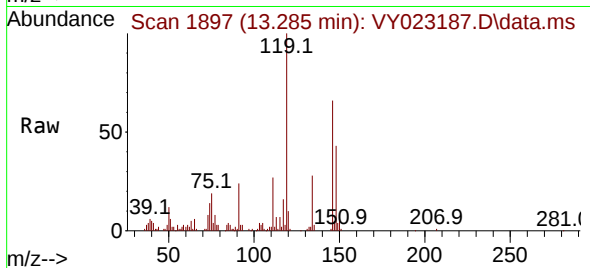
Acq: 22 Aug 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

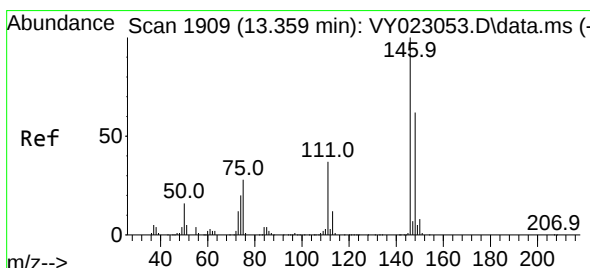
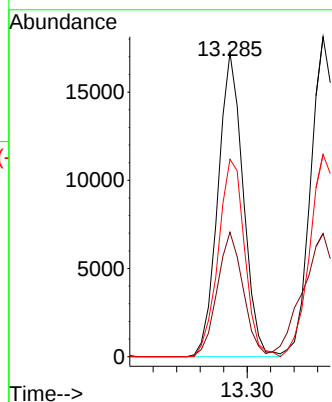
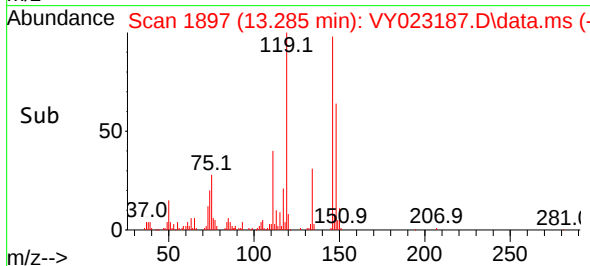


Tgt Ion:	146	Resp:	2569
Ion Ratio	Lower	Upper	
146	100		
111	41.9	19.6	58.7
148	67.7	32.5	97.5

Manual Integrations

APPROVED

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



#88

1,4-Dichlorobenzene

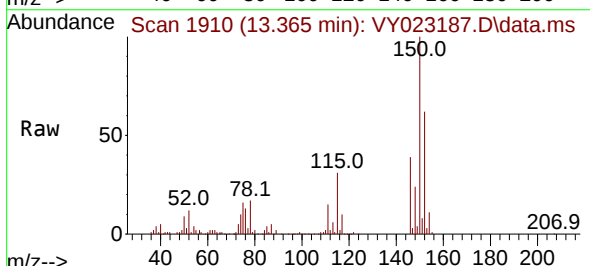
Concen: 3.030 ug/l

RT: 13.365 min Scan# 1910

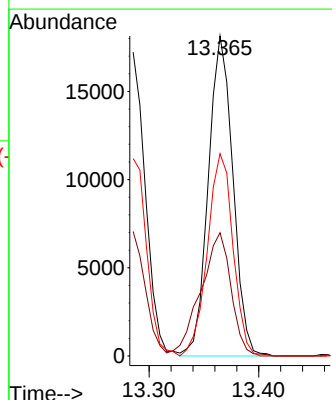
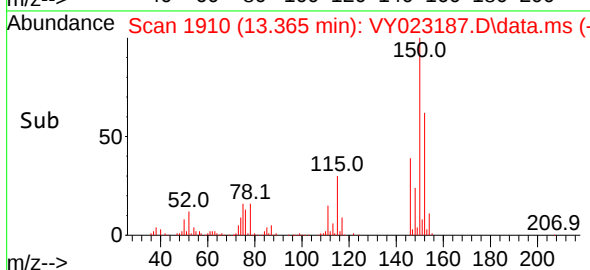
Delta R.T. 0.006 min

Lab File: VY023187.D

Acq: 22 Aug 2025 12:46



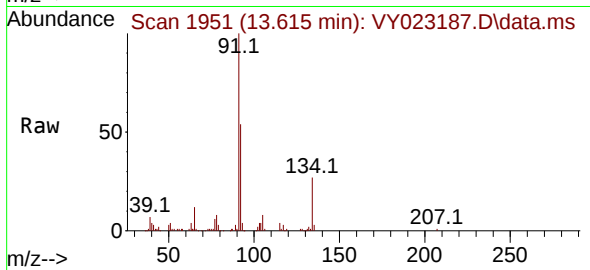
Tgt Ion:	146	Resp:	28293
Ion Ratio	Lower	Upper	
146	100		
111	47.6	19.1	57.1
148	65.5	31.6	94.7





#89
n-Butylbenzene
Concen: 2.434 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

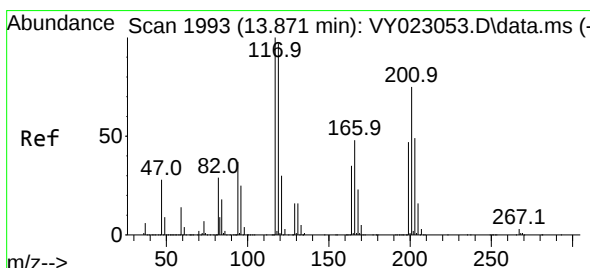
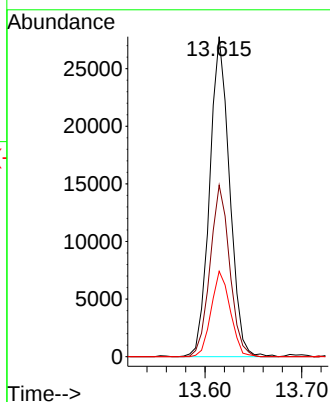
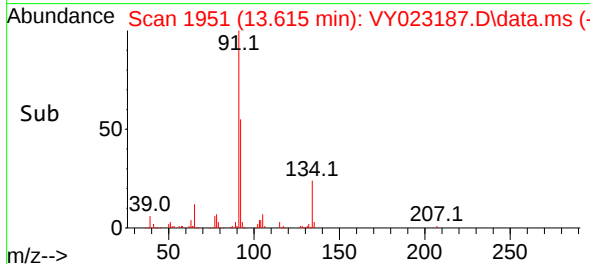
Instrument : MSVOA_Y
ClientSampleId : VY023187.D
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 91 Resp: 39810
Ion Ratio Lower Upper
91 100
92 52.7 26.9 80.7
134 25.5 13.2 39.5

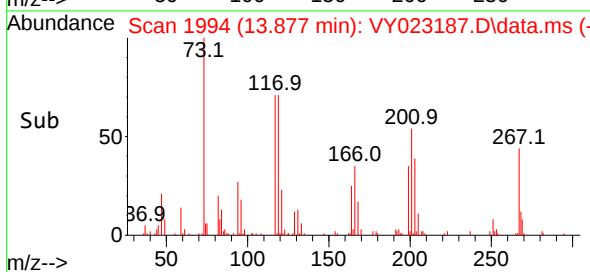
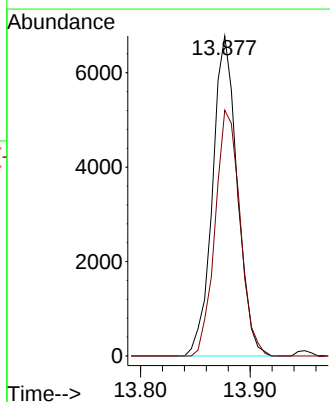
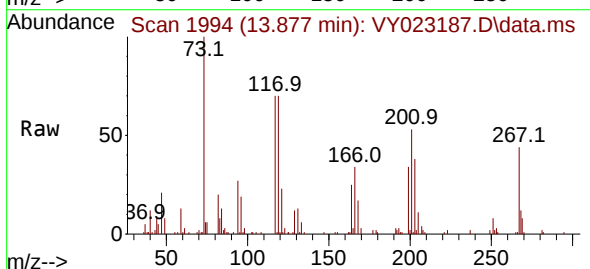
Manual Integrations
APPROVED

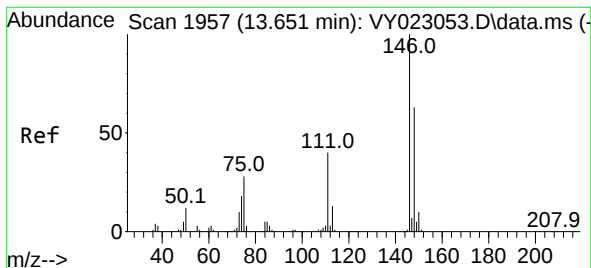
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#90
Hexachloroethane
Concen: 2.921 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

Tgt Ion:117 Resp: 10647
Ion Ratio Lower Upper
117 100
201 77.2 38.4 115.1





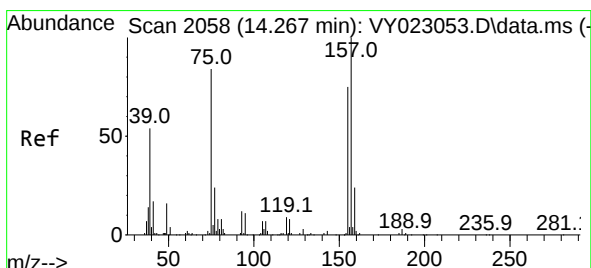
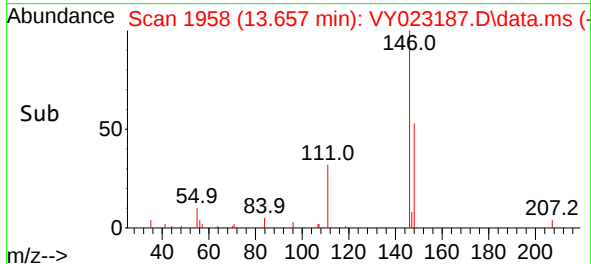
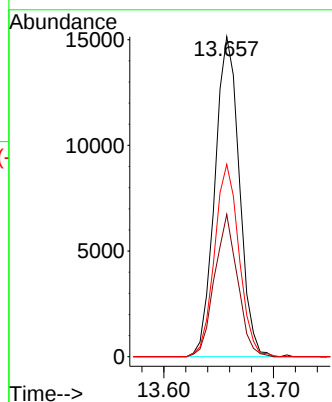
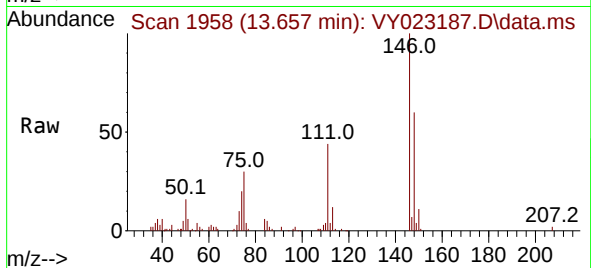
#91
1,2-Dichlorobenzene
Concen: 2.843 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.3	60.8
148	60.3	32.2	96.6

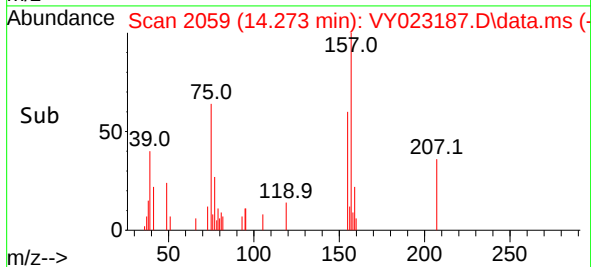
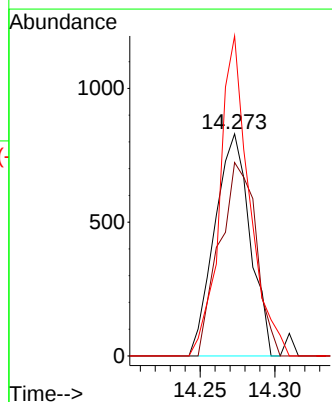
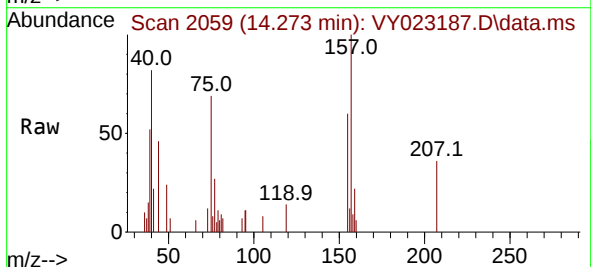
Manual Integrations
APPROVED

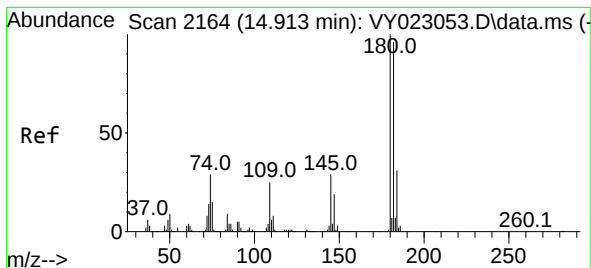
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.559 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023187.D
Acq: 22 Aug 2025 12:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.4	43.9	131.6
157	120.9	57.2	171.6





#93

1,2,4-Trichlorobenzene

Concen: 2.755 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023187.D

Acq: 22 Aug 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

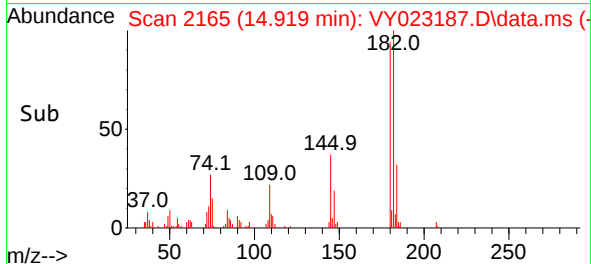
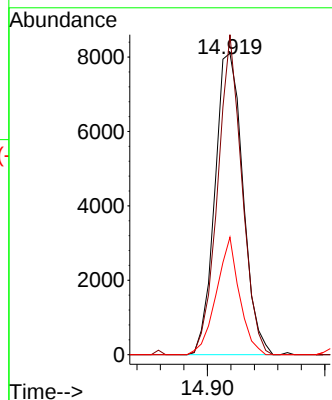
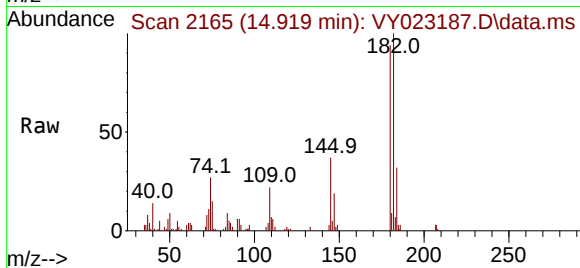
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:180	Resp:	13449
Ion Ratio	Lower	Upper
180	100	
182	91.8	46.8 140.4
145	32.1	14.4 43.4

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 3.056 ug/l

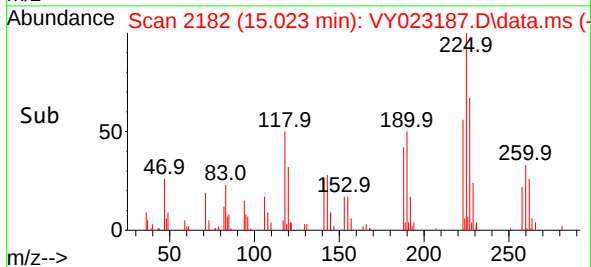
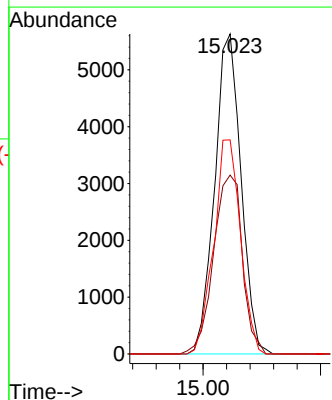
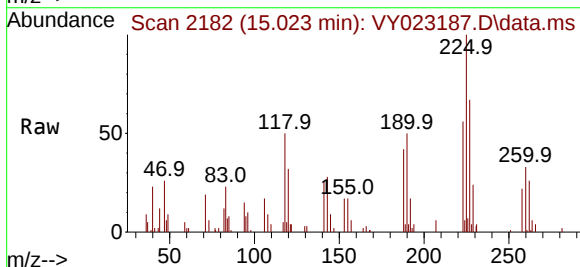
RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023187.D

Acq: 22 Aug 2025 12:46

Tgt Ion:225	Resp:	8765
Ion Ratio	Lower	Upper
225	100	
223	61.2	31.3 93.8
227	67.8	31.5 94.5





#95

Naphthalene

Concen: 2.347 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023187.D

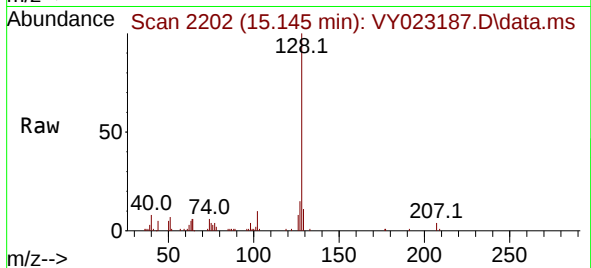
Acq: 22 Aug 2025 12:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

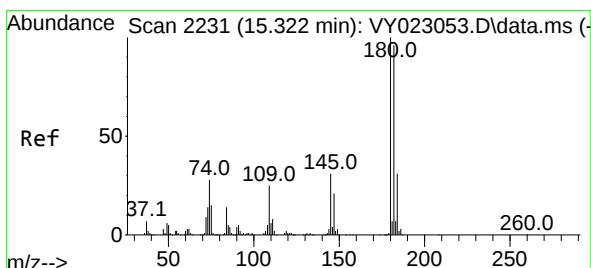
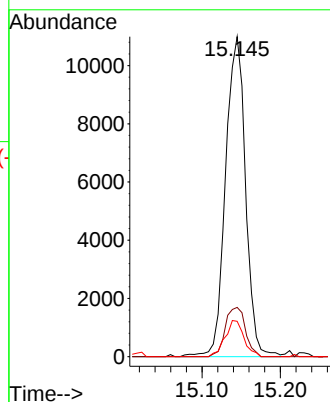
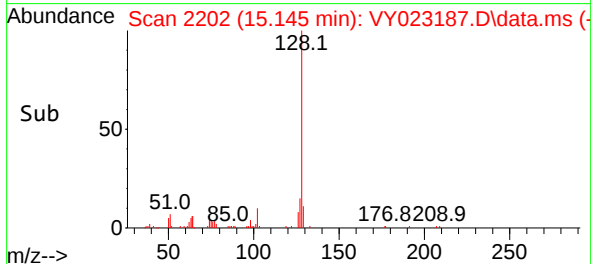


Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.4	15.6
129	10.7	9.0	13.4

Manual Integrations

APPROVED

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



#96

1,2,3-Trichlorobenzene

Concen: 2.825 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023187.D

Acq: 22 Aug 2025 12:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.9	143.7
145	32.0	15.9	47.7

