

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082825\
 Data File : VY023219.D
 Acq On : 28 Aug 2025 12:22
 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 29 02:55:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:54:27 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
 Supervised By :Mahesh Dadoda 08/29/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	457069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	732828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	623495	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	302372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	225779	51.830	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.660%	
35) Dibromofluoromethane	7.640	113	230548	52.576	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.160%	
50) Toluene-d8	10.109	98	873068	50.966	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.940%	
62) 4-Bromofluorobenzene	12.407	95	263500	47.830	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.660%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	14967	4.012	ug/l	96
3) Chloromethane	2.074	50	21844	3.615	ug/l	96
4) Vinyl Chloride	2.208	62	28251	3.782	ug/l	98
5) Bromomethane	2.598	94	26954	4.832	ug/l	94
6) Chloroethane	2.738	64	20095	4.046	ug/l	92
7) Trichlorofluoromethane	3.061	101	35566	3.916	ug/l	98
8) Diethyl Ether	3.458	74	11240	4.677	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.823	101	20191	4.506	ug/l	98
10) Methyl Iodide	4.006	142	17752	3.671	ug/l	99
11) Tert butyl alcohol	4.860	59	6205	20.789	ug/l #	71
12) 1,1-Dichloroethene	3.793	96	19165	4.351	ug/l	84
13) Acrolein	3.659	56	703	1.608	ug/l	95
14) Allyl chloride	4.390	41	23447	3.618	ug/l	97
15) Acrylonitrile	5.061	53	19102	19.553	ug/l	97
16) Acetone	3.878	43	23011	24.383	ug/l	94
17) Carbon Disulfide	4.110	76	51641	3.596	ug/l	99
18) Methyl Acetate	4.390	43	13058	4.650	ug/l	95
19) Methyl tert-butyl Ether	5.128	73	43716	3.830	ug/l	98
20) Methylene Chloride	4.616	84	30776	5.432	ug/l #	93
21) trans-1,2-Dichloroethene	5.116	96	20663	4.175	ug/l	93
22) Diisopropyl ether	6.024	45	49022	3.481	ug/l #	89
23) Vinyl Acetate	5.963	43	122192	15.691	ug/l	100
24) 1,1-Dichloroethane	5.927	63	34858	4.048	ug/l	98
25) 2-Butanone	6.896	43	25681	20.008	ug/l	99
26) 2,2-Dichloropropane	6.890	77	29542	3.976	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	23379	4.086	ug/l	95
28) Bromochloromethane	7.250	49	14327	4.194	ug/l	95
29) Tetrahydrofuran	7.262	42	14379	18.073	ug/l	98
30) Chloroform	7.426	83	37461	4.219	ug/l	100
31) Cyclohexane	7.707	56	34653	4.271	ug/l #	78
32) 1,1,1-Trichloroethane	7.622	97	33253	4.220	ug/l	98
36) 1,1-Dichloropropene	7.841	75	25033	3.841	ug/l	97
37) Ethyl Acetate	6.988	43	9325	3.406	ug/l #	91
38) Carbon Tetrachloride	7.823	117	29336	4.145	ug/l	97
39) Methylcyclohexane	9.109	83	31497	3.670	ug/l	97
40) Benzene	8.085	78	80403	4.003	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	5696	3.605	ug/l #	72
42) 1,2-Dichloroethane	8.158	62	21006	4.021	ug/l	97
43) Isopropyl Acetate	8.201	43	20223	3.655	ug/l	95
44) Trichloroethene	8.871	130	22223	4.281	ug/l	97
45) 1,2-Dichloropropane	9.140	63	18086	3.913	ug/l	99
46) Dibromomethane	9.231	93	11491	4.332	ug/l	98
47) Bromodichloromethane	9.426	83	26528	3.887	ug/l #	98
48) Methyl methacrylate	9.225	41	9206	3.477	ug/l	99
49) 1,4-Dioxane	9.231	88	2580	82.952	ug/l	90
51) 4-Methyl-2-Pentanone	9.999	43	50163	17.576	ug/l	99
52) Toluene	10.170	92	49772	3.902	ug/l	98
53) t-1,3-Dichloropropene	10.395	75	22473	3.636	ug/l	93
54) cis-1,3-Dichloropropene	9.859	75	26801	3.667	ug/l	98
55) 1,1,2-Trichloroethane	10.578	97	15402	4.339	ug/l	96
56) Ethyl methacrylate	10.438	69	16395	3.610	ug/l	93
57) 1,3-Dichloropropane	10.719	76	23901	3.971	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.713	63	32895	15.354	ug/l	98
59) 2-Hexanone	10.761	43	32288	16.614	ug/l	99
60) Dibromochloromethane	10.914	129	19020	4.061	ug/l	97
61) 1,2-Dibromoethane	11.017	107	13554	4.063	ug/l	94
64) Tetrachloroethene	10.645	164	27350	4.913	ug/l	99
65) Chlorobenzene	11.444	112	55005	4.090	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	19625	4.300	ug/l	100
67) Ethyl Benzene	11.517	91	84909	3.669	ug/l	98
68) m/p-Xylenes	11.627	106	65390	7.234	ug/l	97
69) o-Xylene	11.956	106	30754	3.633	ug/l	97
70) Styrene	11.968	104	48185	3.480	ug/l	98
71) Bromoform	12.133	173	11337	4.250	ug/l #	95
73) Isopropylbenzene	12.255	105	76915	3.604	ug/l	97
74) N-amyl acetate	12.072	43	13654	3.017	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	14103	3.870	ug/l	94
76) 1,2,3-Trichloropropane	12.554	75	11552m	3.959	ug/l	
77) Bromobenzene	12.529	156	21459	4.215	ug/l	95
78) n-propylbenzene	12.596	91	95987	3.778	ug/l	97
79) 2-Chlorotoluene	12.676	91	56780	3.900	ug/l	98
80) 1,3,5-Trimethylbenzene	12.736	105	61707	3.578	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	4411	3.659	ug/l	98
82) 4-Chlorotoluene	12.773	91	58865	3.898	ug/l	99
83) tert-Butylbenzene	12.999	119	57172	3.670	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	58871	3.429	ug/l	99
85) sec-Butylbenzene	13.175	105	84846	3.708	ug/l	100
86) p-Isopropyltoluene	13.291	119	66929	3.524	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	42082	4.191	ug/l	97
88) 1,4-Dichlorobenzene	13.364	146	42536	4.271	ug/l	95
89) n-Butylbenzene	13.614	91	62215	3.566	ug/l	98
90) Hexachloroethane	13.877	117	16239	4.176	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	36564	4.152	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	2594	4.572	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	19681	3.780	ug/l	96
94) Hexachlorobutadiene	15.023	225	13732	4.488	ug/l	97
95) Naphthalene	15.145	128	28173	3.173	ug/l	97
96) 1,2,3-Trichlorobenzene	15.328	180	16876	3.761	ug/l	96

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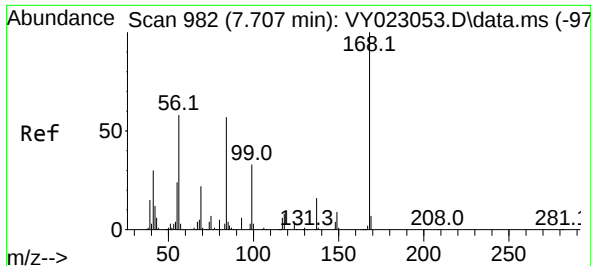
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:54:27 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



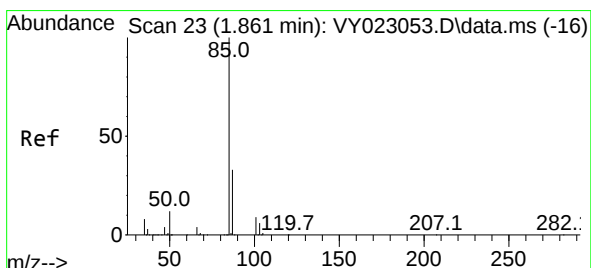
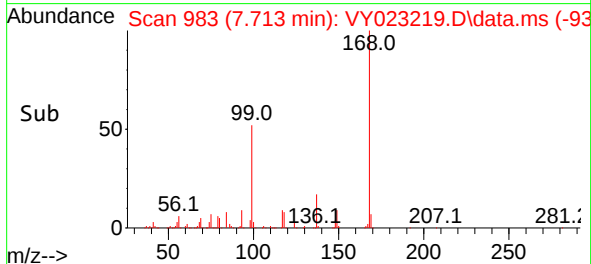
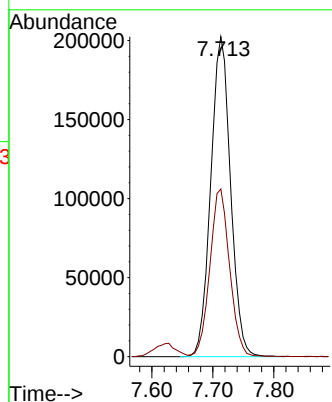
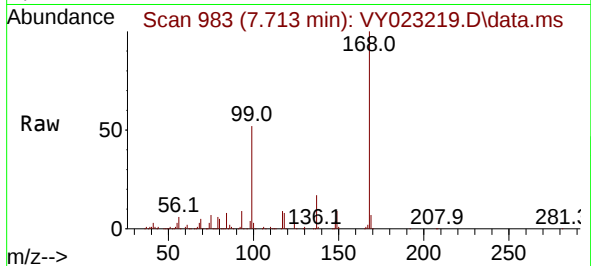
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023219.D
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Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:168 Resp: 457069
Ion Ratio Lower Upper
168 100
99 52.4 42.8 64.2

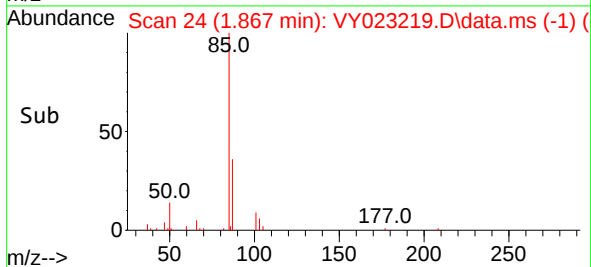
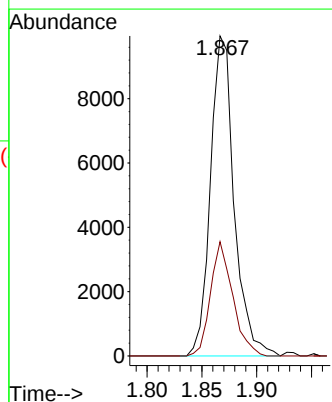
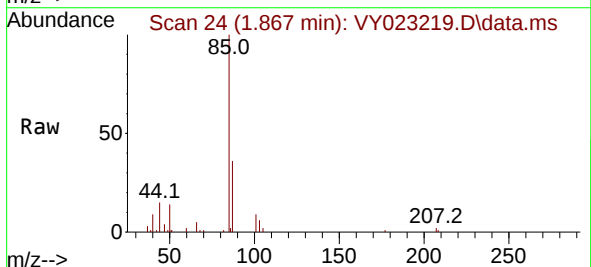
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#2
Dichlorodifluoromethane
Concen: 4.012 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

Tgt Ion: 85 Resp: 14967
Ion Ratio Lower Upper
85 100
87 35.7 16.6 49.8





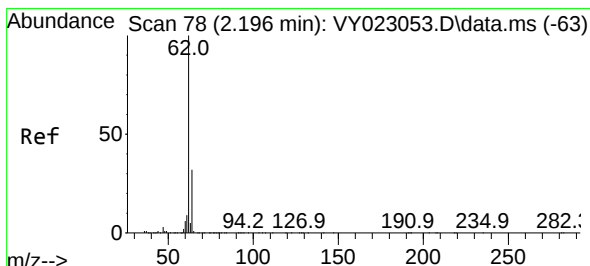
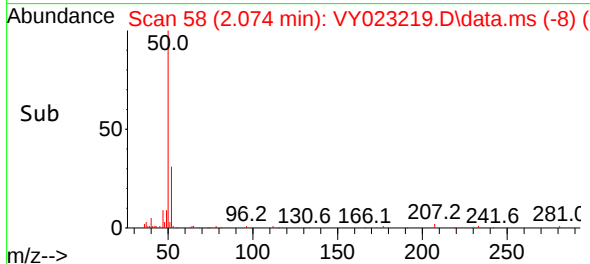
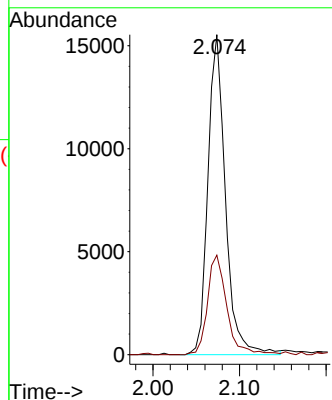
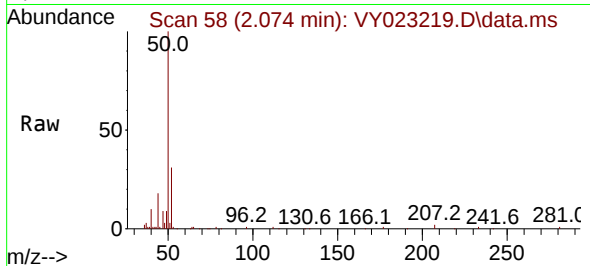
#3
Chloromethane
Concen: 3.615 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

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

Tgt Ion: 50 Resp: 21844
Ion Ratio Lower Upper
50 100
52 31.1 26.7 40.1

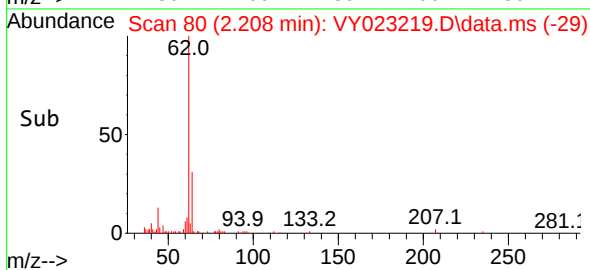
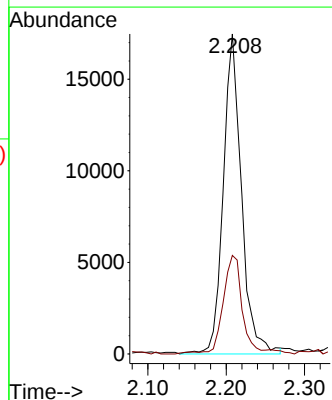
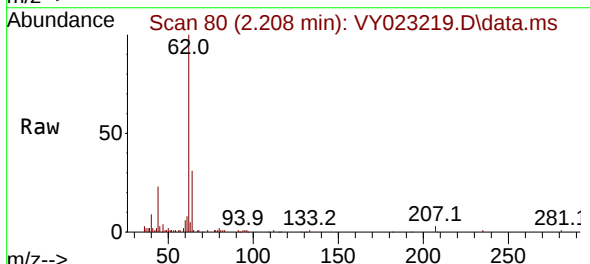
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#4
Vinyl Chloride
Concen: 3.782 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

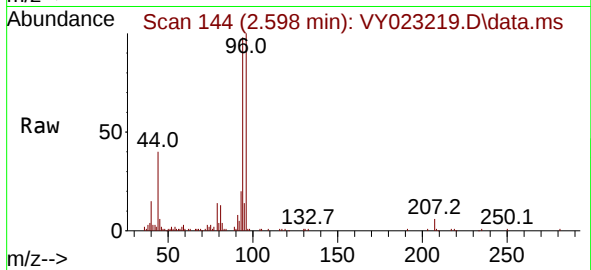
Tgt Ion: 62 Resp: 28251
Ion Ratio Lower Upper
62 100
64 30.5 25.4 38.0





#5
Bromomethane
Concen: 4.832 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

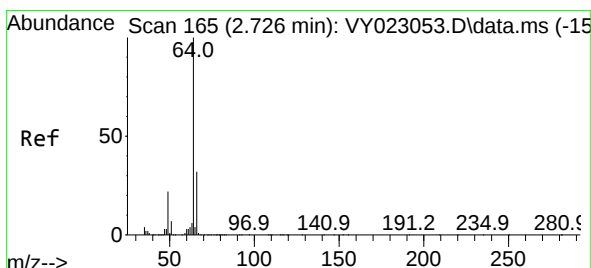
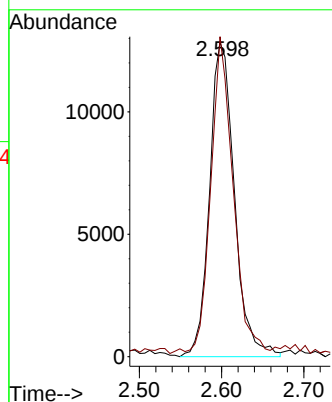
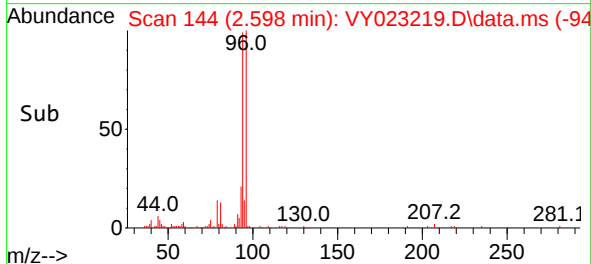
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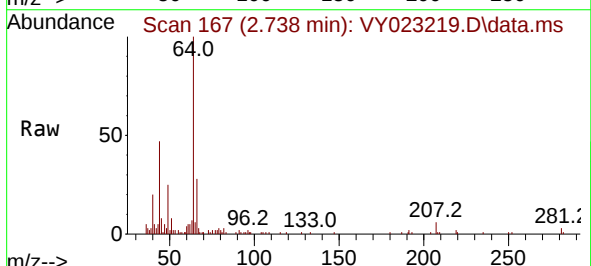
Tgt Ion: 94 Resp: 26954
Ion Ratio Lower Upper
94 100
96 99.3 74.6 112.0

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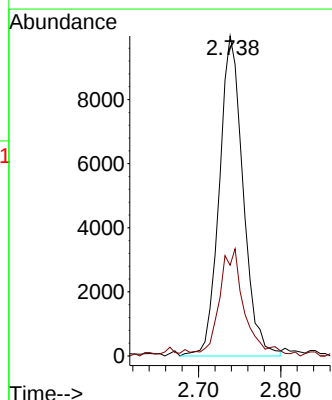
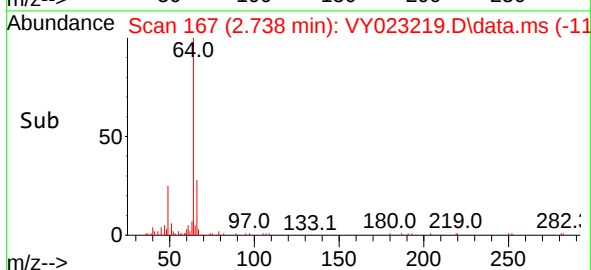
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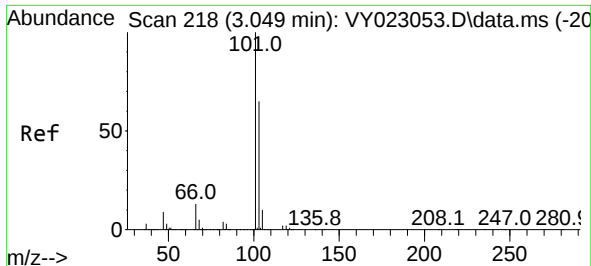


#6
Chloroethane
Concen: 4.046 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22



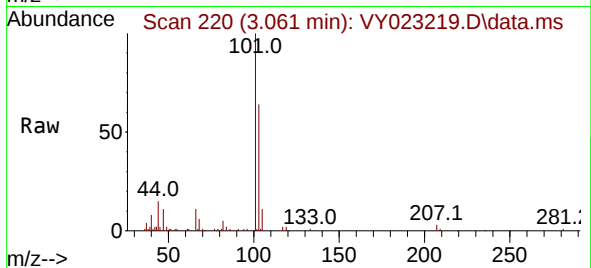
Tgt Ion: 64 Resp: 20095
Ion Ratio Lower Upper
64 100
66 27.5 25.8 38.6





#7
Trichlorofluoromethane
Concen: 3.916 ug/l
RT: 3.061 min Scan# 218
Delta R.T. 0.012 min
Lab File: VY023219.D
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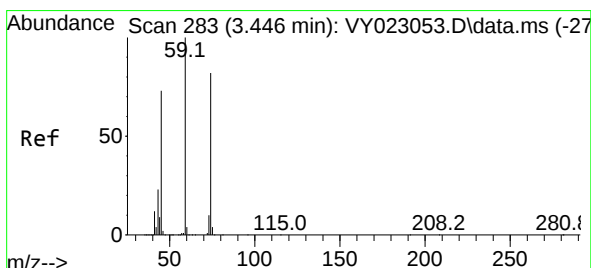
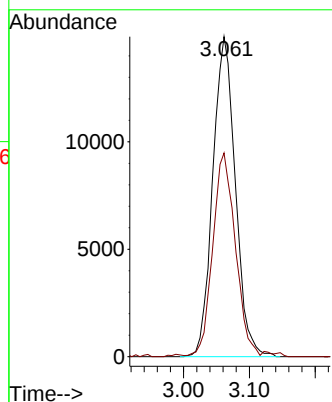
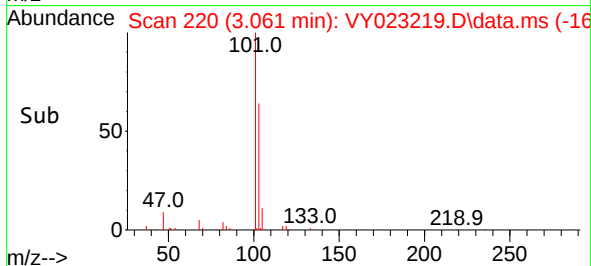
Instrument :
MSVOA_Y
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LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:101 Resp: 3556
Ion Ratio Lower Upper
101 100
103 63.1 51.9 77.9

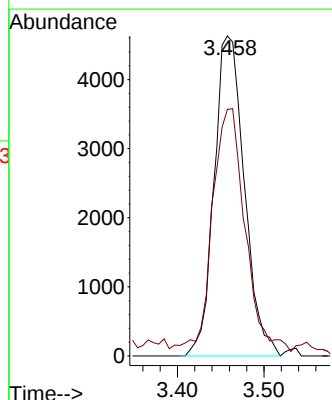
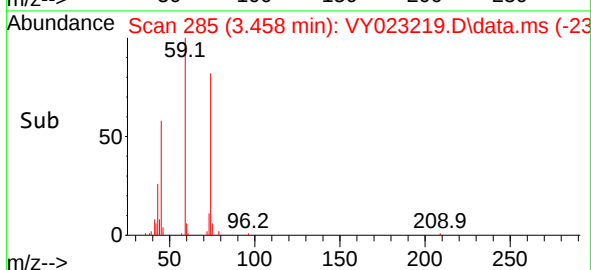
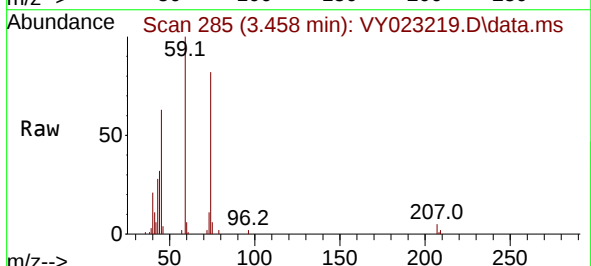
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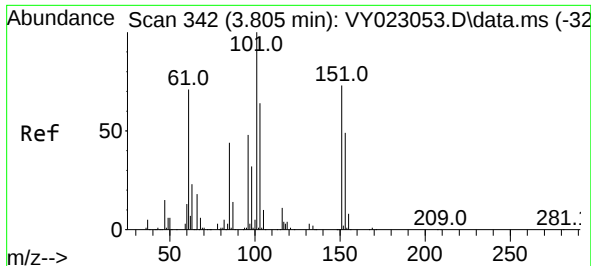
Reviewed By :Semsettin Yesilyurt 08/29/2025
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#8
Diethyl Ether
Concen: 4.677 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

Tgt Ion: 74 Resp: 11240
Ion Ratio Lower Upper
74 100
45 81.2 44.4 133.2





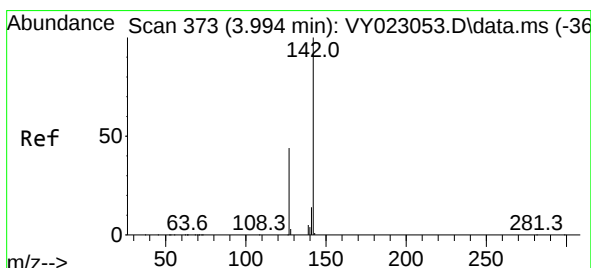
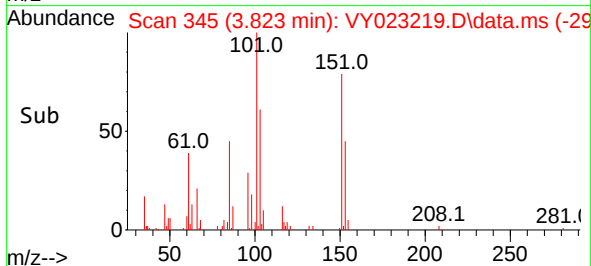
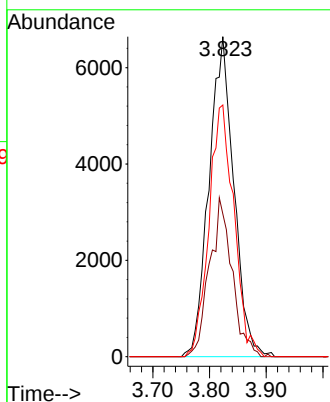
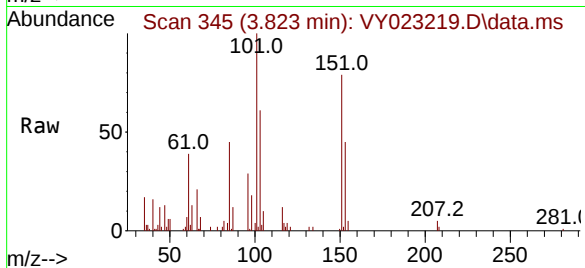
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1,1,2-Trichlorotrifluoroethane
Concen: 4.506 ug/l
RT: 3.823 min Scan# 342
Delta R.T. 0.018 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

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

Tgt Ion:101 Resp: 2019
Ion Ratio Lower Upper
101 100
85 45.1 36.3 54.5
151 79.3 61.5 92.3

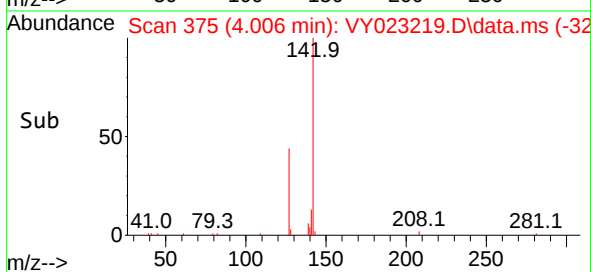
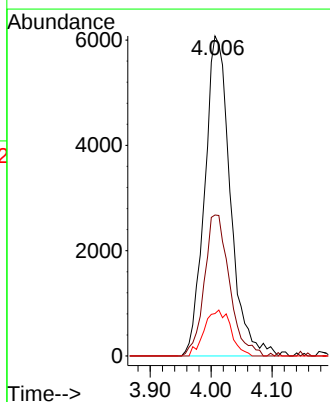
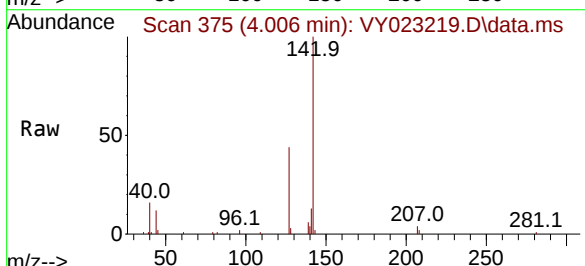
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#10
Methyl Iodide
Concen: 3.671 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

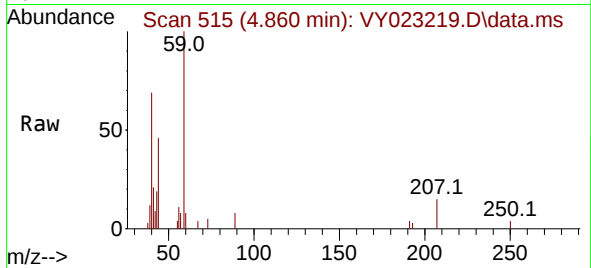
Tgt Ion:142 Resp: 17752
Ion Ratio Lower Upper
142 100
127 43.3 34.9 52.3
141 14.8 11.3 16.9





#11
Tert butyl alcohol
Concen: 20.789 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

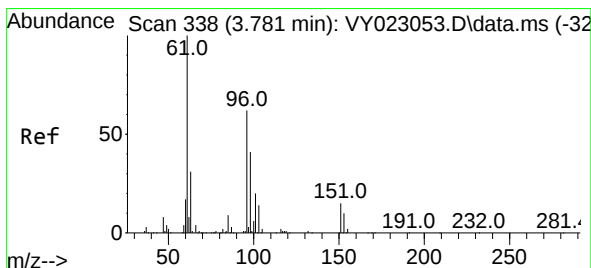
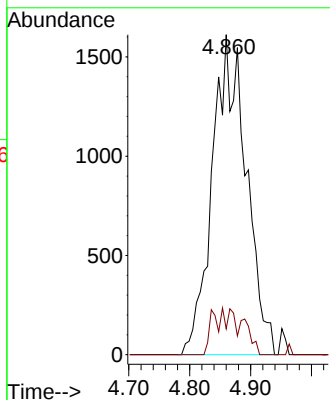
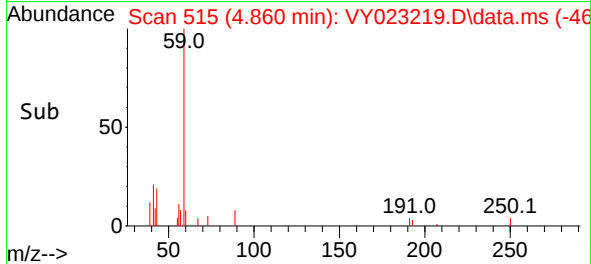
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



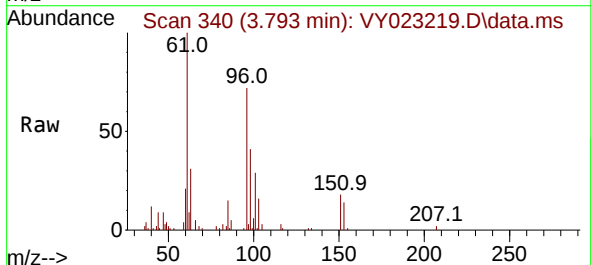
Tgt Ion: 59 Resp: 6205
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0

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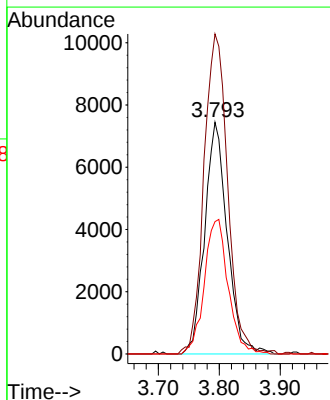
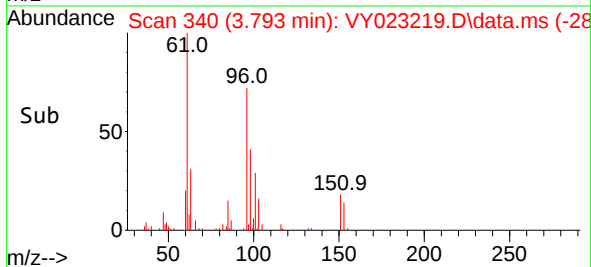
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

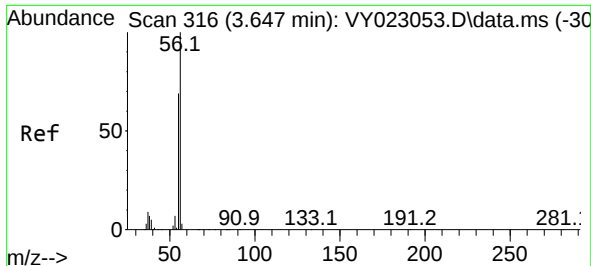


#12
1,1-Dichloroethene
Concen: 4.351 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22



Tgt Ion: 96 Resp: 19165
Ion Ratio Lower Upper
96 100
61 138.2 129.4 194.2
98 57.2 52.8 79.2





#13

Acrolein

Concen: 1.608 ug/l

RT: 3.659 min Scan# 316

Delta R.T. 0.012 min

Lab File: VY023219.D

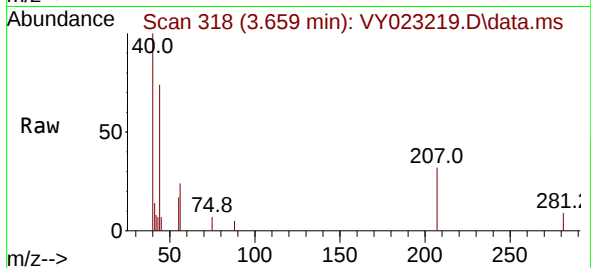
Acq: 28 Aug 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

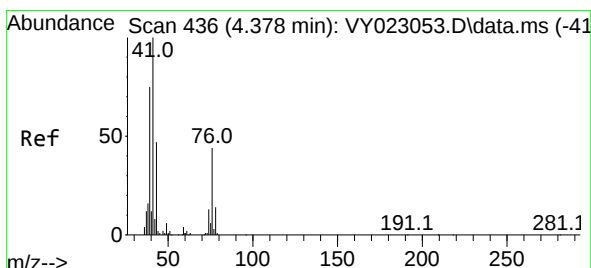
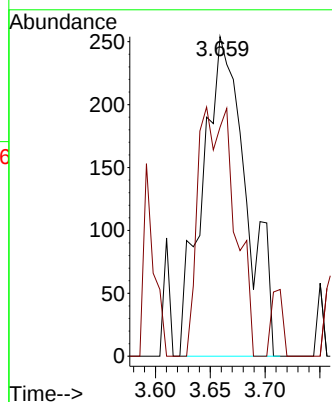
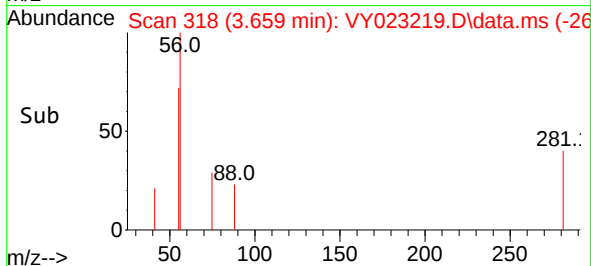


Tgt Ion: 56	Resp: 70
Ion Ratio	Lower Upper
56	100
55	65.1 55.2 82.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#14

Allyl chloride

Concen: 3.618 ug/l

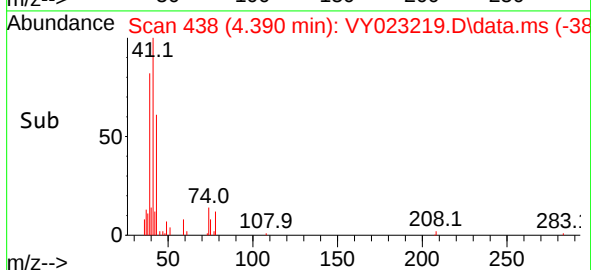
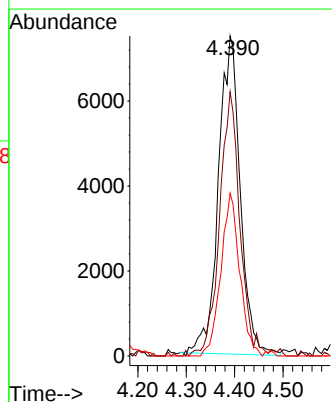
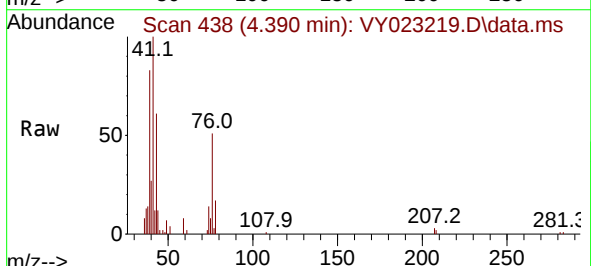
RT: 4.390 min Scan# 438

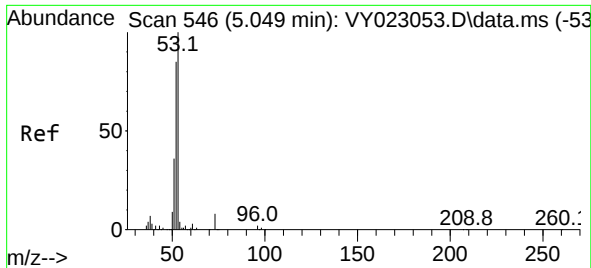
Delta R.T. 0.012 min

Lab File: VY023219.D

Acq: 28 Aug 2025 12:22

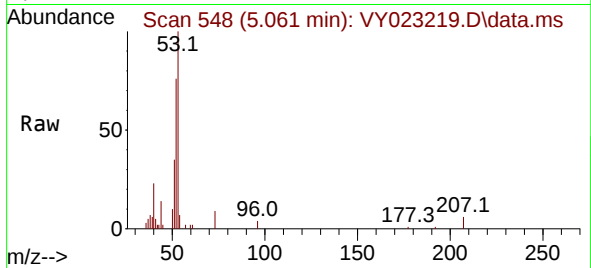
Tgt Ion: 41	Resp: 23447
Ion Ratio	Lower Upper
41	100
39	77.1 59.8 89.6
76	44.2 33.7 50.5





#15
Acrylonitrile
Concen: 19.553 ug/l
RT: 5.061 min Scan# 546
Delta R.T. 0.012 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

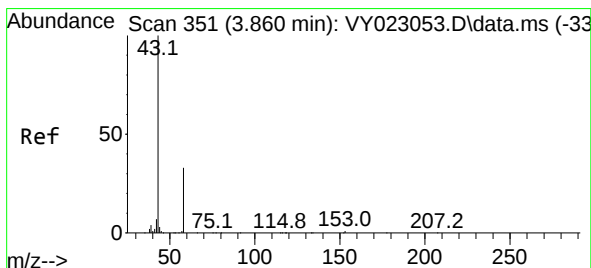
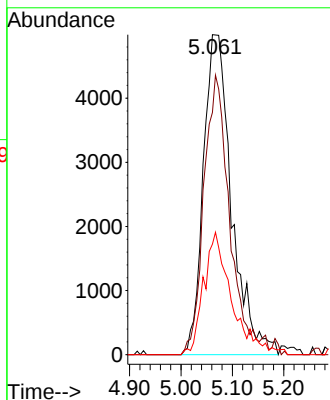
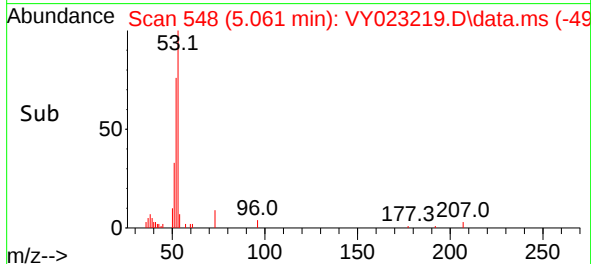
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 53 Resp: 1910
Ion Ratio Lower Upper
53 100
52 78.5 65.3 97.9
51 37.8 29.5 44.3

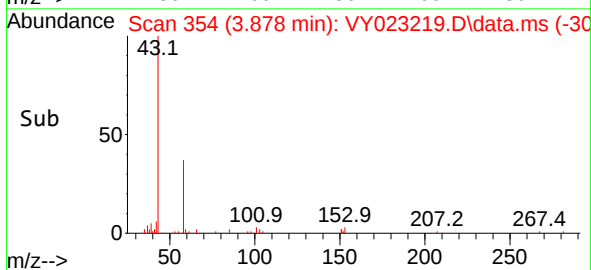
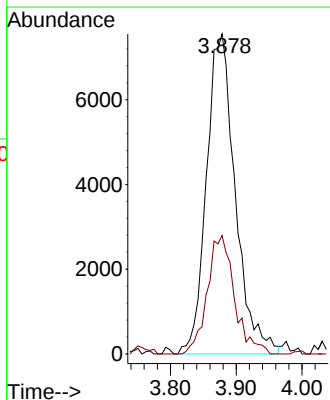
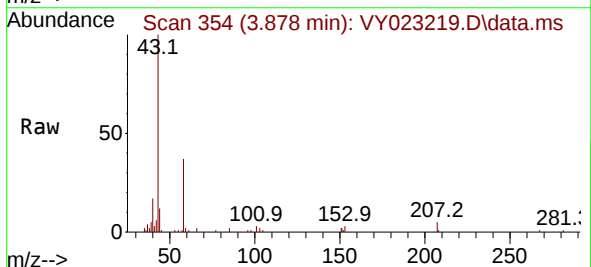
Manual Integrations
APPROVED

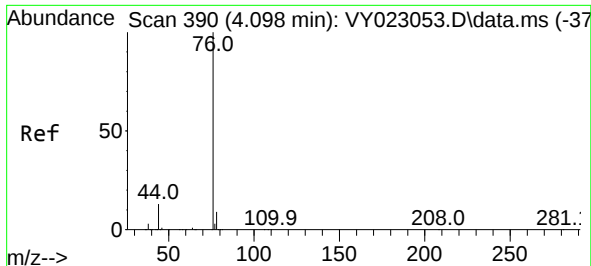
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#16
Acetone
Concen: 24.383 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.018 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

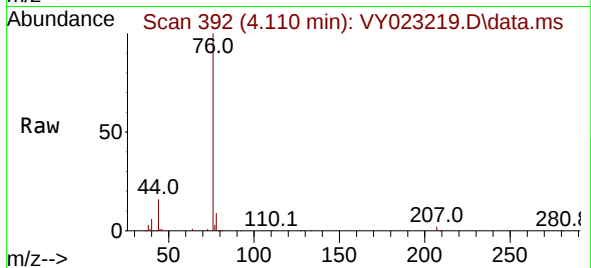
Tgt Ion: 43 Resp: 23011
Ion Ratio Lower Upper
43 100
58 37.1 27.1 40.7





#17
Carbon Disulfide
Concen: 3.596 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

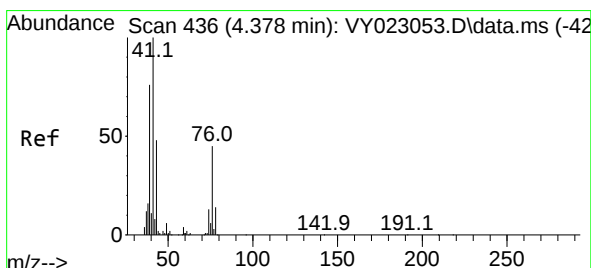
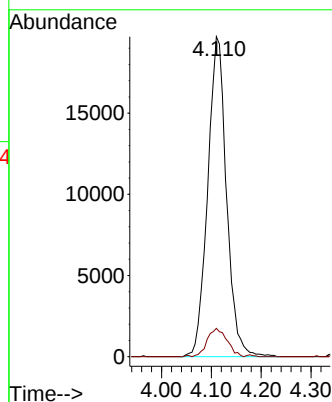
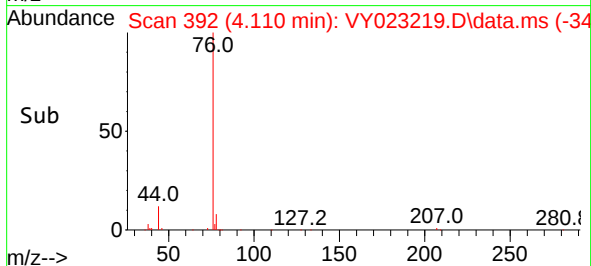
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



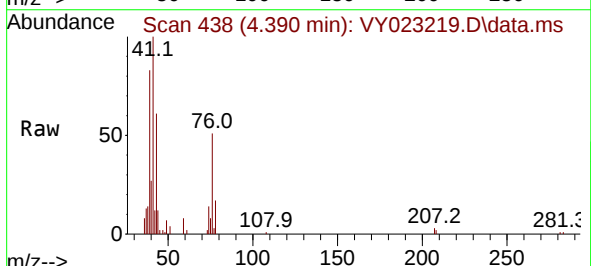
Tgt Ion: 76 Resp: 5164
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

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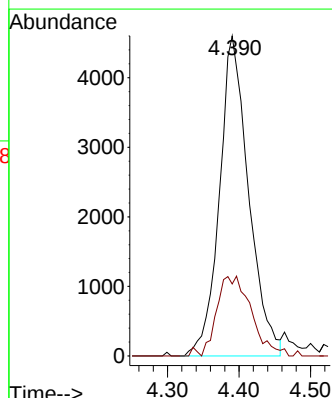
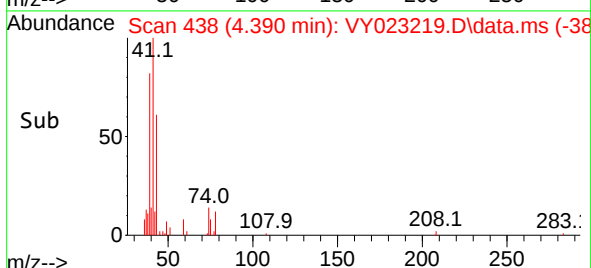
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

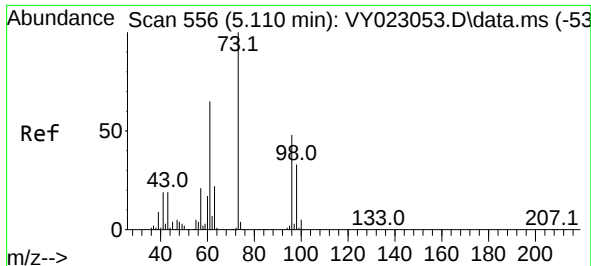


#18
Methyl Acetate
Concen: 4.650 ug/l
RT: 4.390 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22



Tgt Ion: 43 Resp: 13058
Ion Ratio Lower Upper
43 100
74 29.2 21.2 31.8





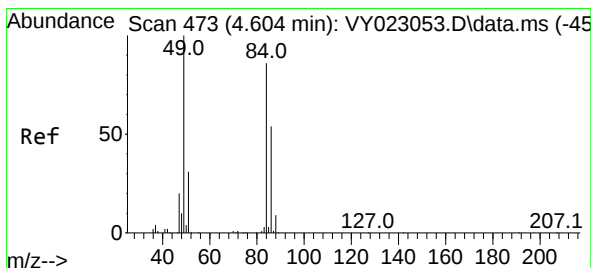
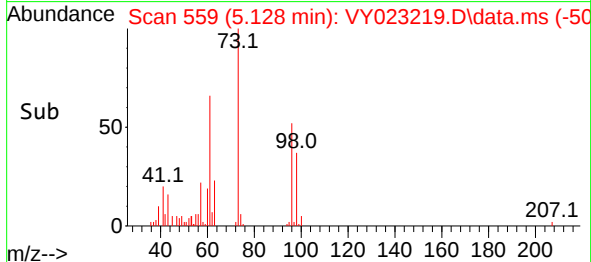
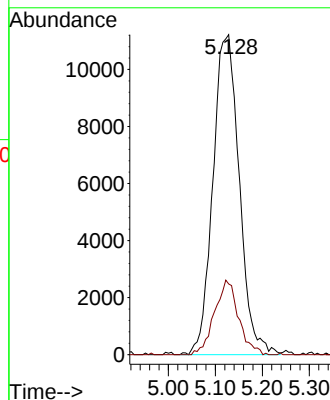
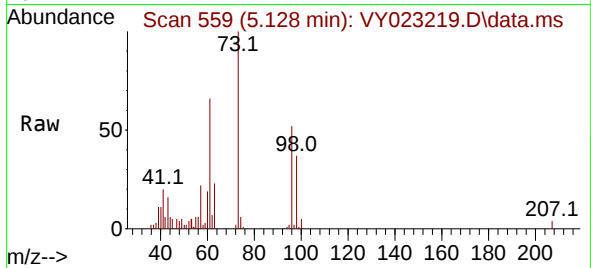
#19
Methyl tert-butyl Ether
Concen: 3.830 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

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

Tgt Ion: 73 Resp: 43710
Ion Ratio Lower Upper
73 100
57 22.1 17.1 25.7

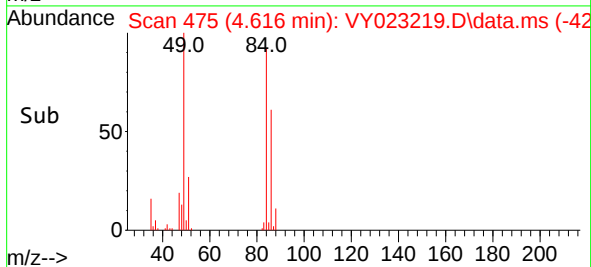
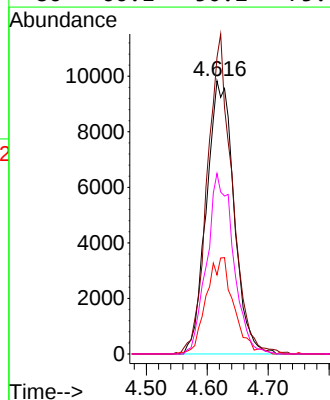
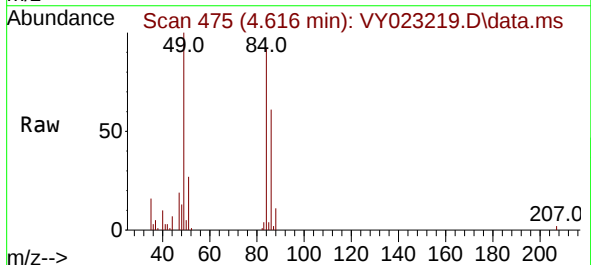
Manual Integrations
APPROVED

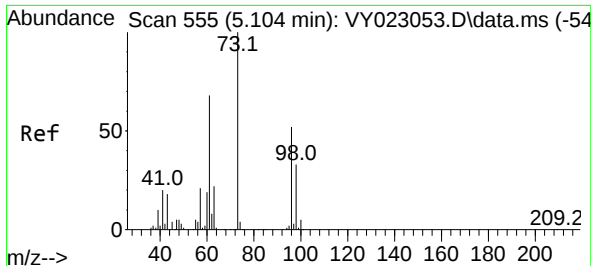
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#20
Methylene Chloride
Concen: 5.432 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

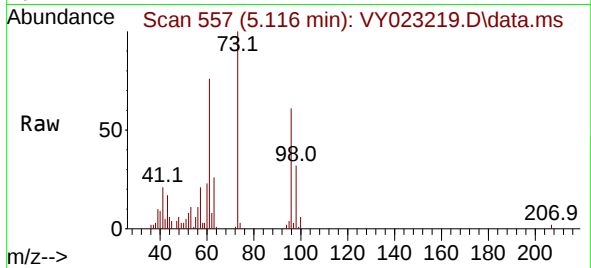
Tgt Ion: 84 Resp: 30776
Ion Ratio Lower Upper
84 100
49 108.5 93.0 139.6
51 28.3 29.0 43.4#
86 66.1 50.2 75.4





#21
trans-1,2-Dichloroethene
Concen: 4.175 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

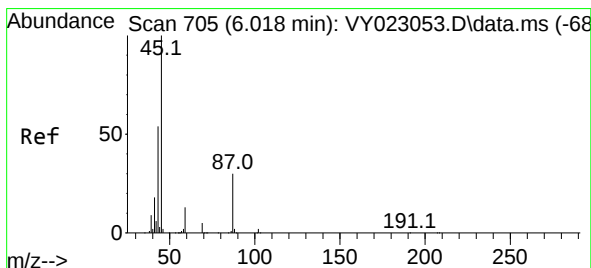
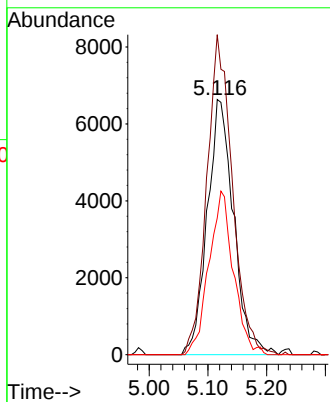
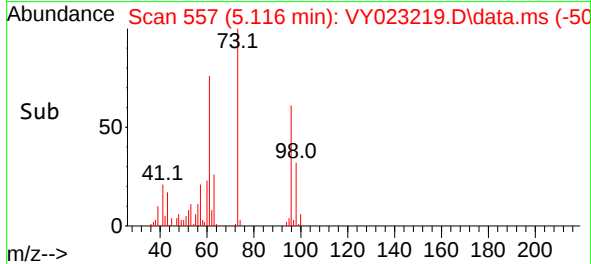
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 96 Resp: 2066
Ion Ratio Lower Upper
96 100
61 125.4 104.8 157.2
98 53.6 50.1 75.1

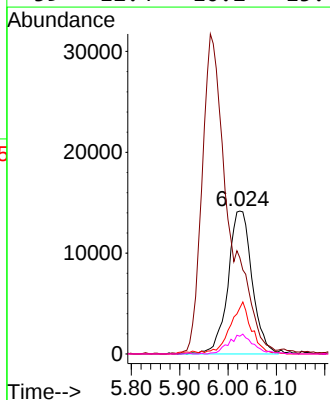
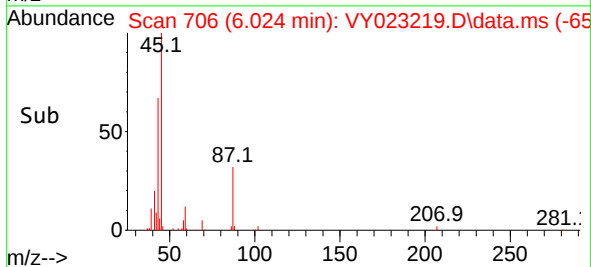
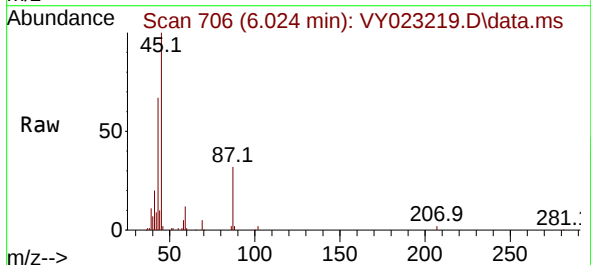
Manual Integrations
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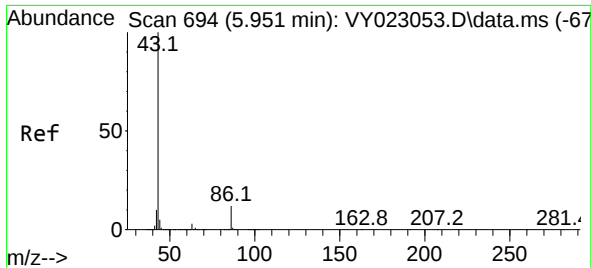
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#22
Diisopropyl ether
Concen: 3.481 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

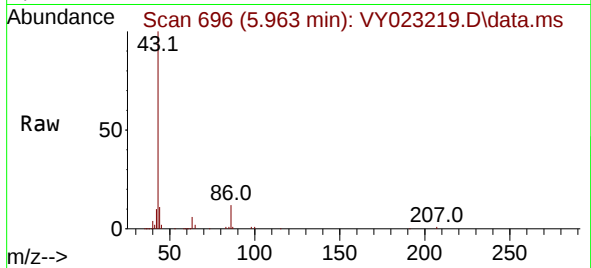
Tgt Ion: 45 Resp: 49022
Ion Ratio Lower Upper
45 100
43 67.4 43.4 65.0#
87 31.3 24.4 36.6
59 12.4 10.2 15.4





#23
 Vinyl Acetate
 Concen: 15.691 ug/l
 RT: 5.963 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023219.D
 Acq: 28 Aug 2025 12:22

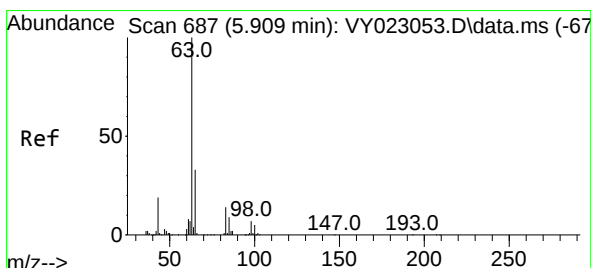
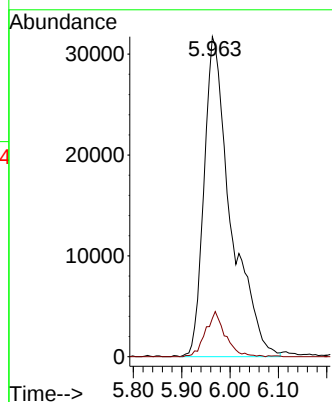
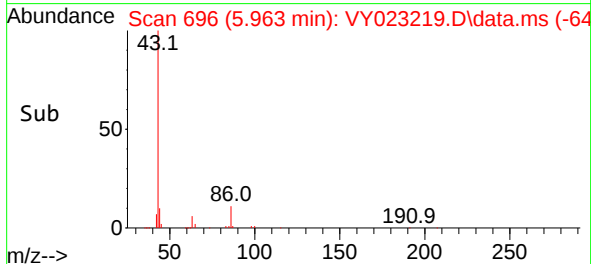
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 43 Resp: 122192
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.6 14.4

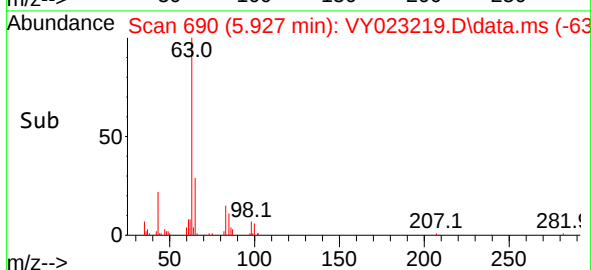
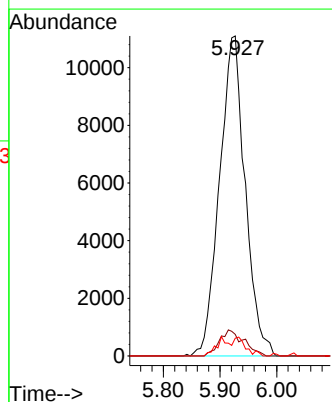
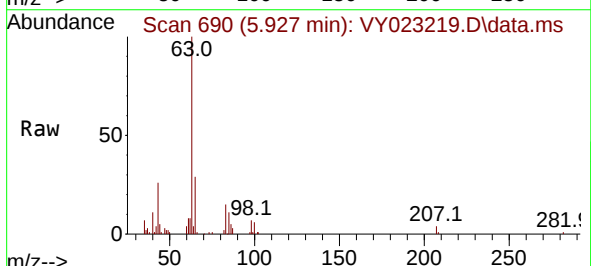
Manual Integrations
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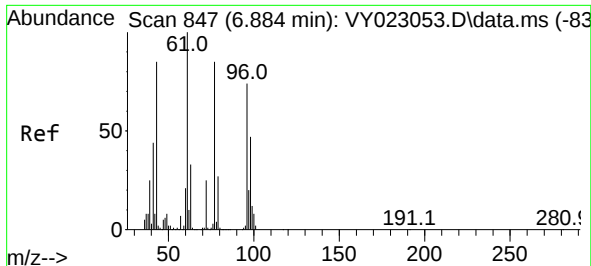
Reviewed By :Semsettin Yesilyurt 08/29/2025
 Supervised By :Mahesh Dadoda 08/29/2025



#24
 1,1-Dichloroethane
 Concen: 4.048 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.018 min
 Lab File: VY023219.D
 Acq: 28 Aug 2025 12:22

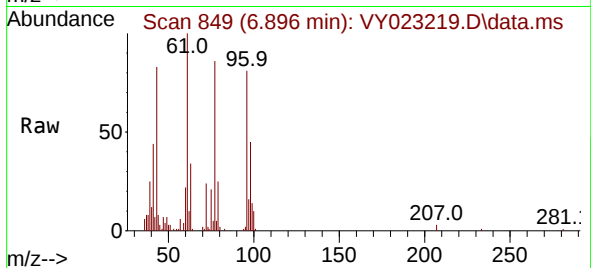
Tgt Ion: 63 Resp: 34858
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.6
 100 5.5 2.4 7.1





#25
2-Butanone
Concen: 20.008 ug/l
RT: 6.896 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

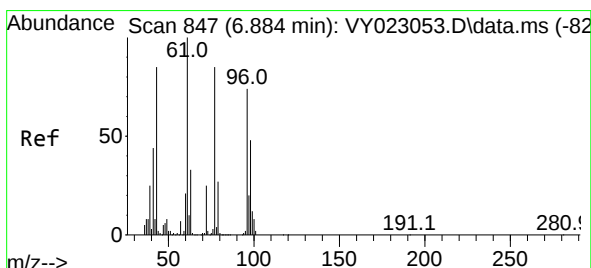
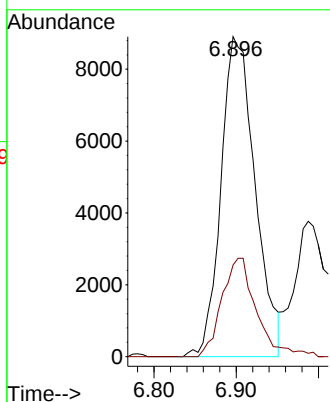
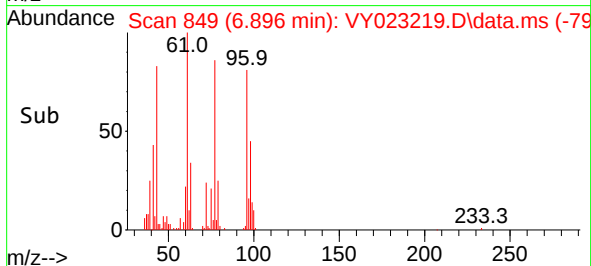
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



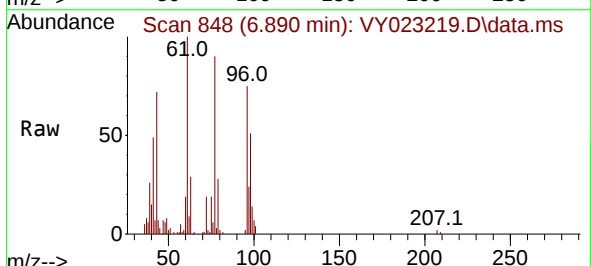
Tgt Ion: 43 Resp: 2568
Ion Ratio Lower Upper
43 100
72 28.6 23.5 35.3

Manual Integrations
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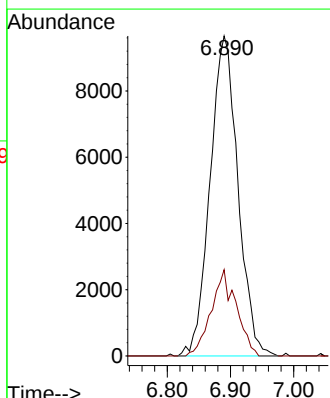
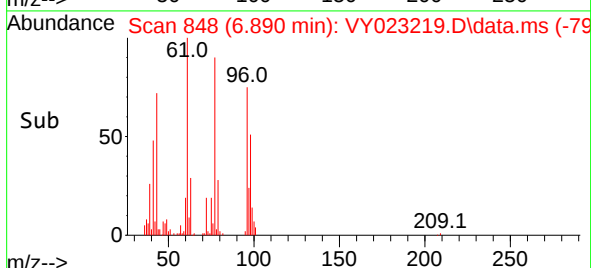
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

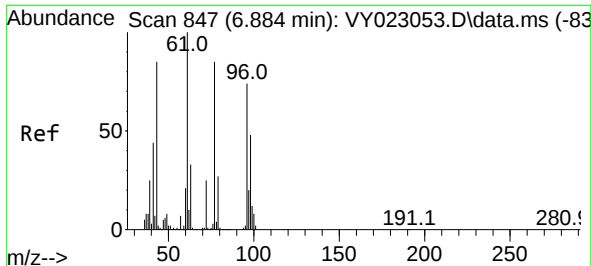


#26
2,2-Dichloropropane
Concen: 3.976 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22



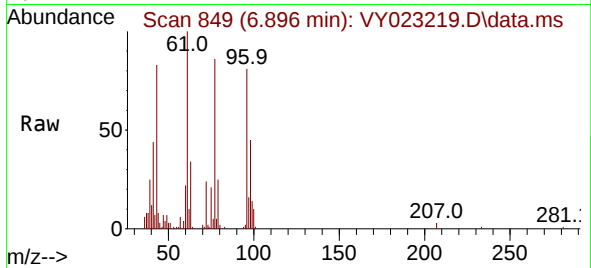
Tgt Ion: 77 Resp: 29542
Ion Ratio Lower Upper
77 100
97 24.2 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 4.086 ug/l
 RT: 6.896 min Scan# 847
 Delta R.T. 0.012 min
 Lab File: VY023219.D
 Acq: 28 Aug 2025 12:22

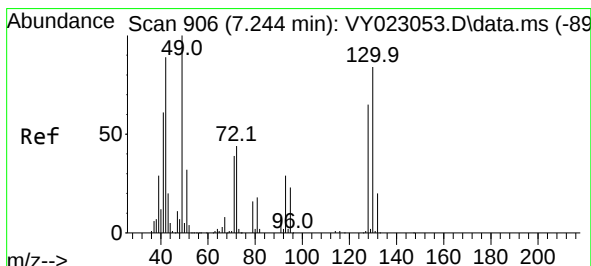
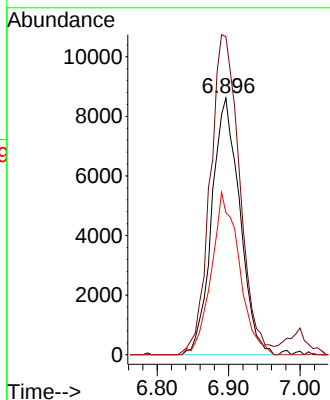
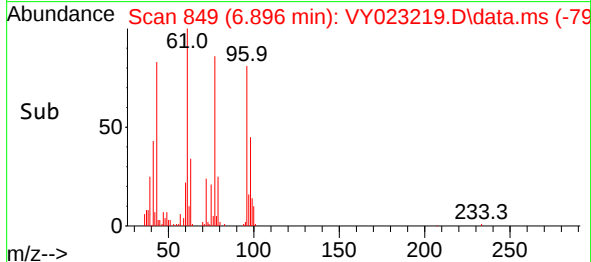
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 96 Resp: 23379
 Ion Ratio Lower Upper
 96 100
 61 131.6 0.0 278.6
 98 63.0 0.0 130.4

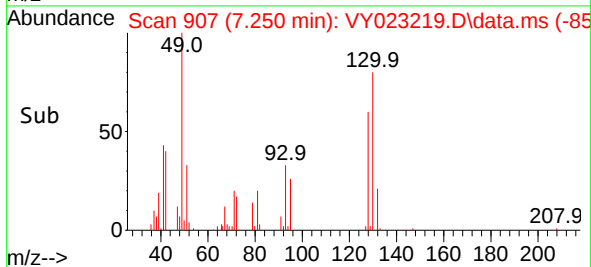
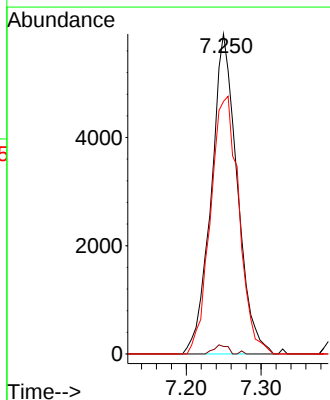
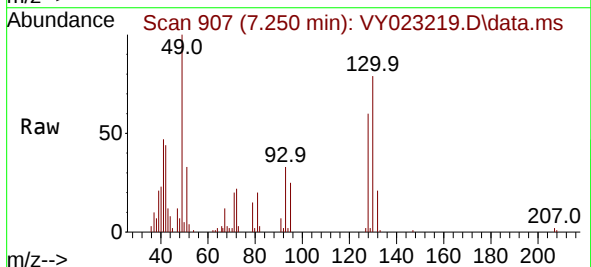
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
 Supervised By :Mahesh Dadoda 08/29/2025



#28
 Bromochloromethane
 Concen: 4.194 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY023219.D
 Acq: 28 Aug 2025 12:22

Tgt Ion: 49 Resp: 14327
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.2
 130 87.9 66.4 99.6





#29

Tetrahydrofuran

Concen: 18.073 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023219.D

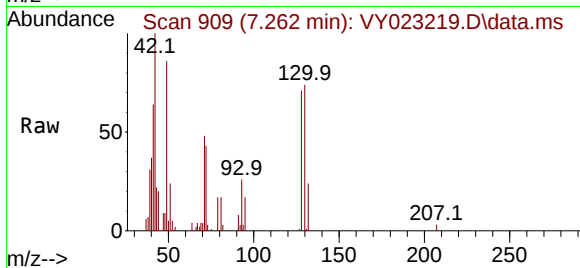
Acq: 28 Aug 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

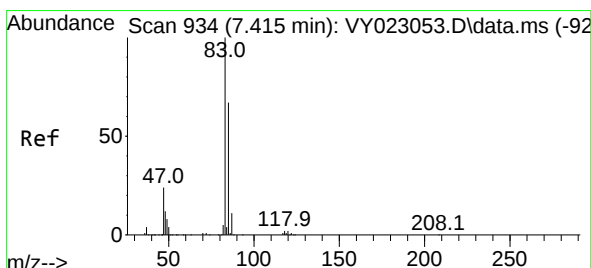
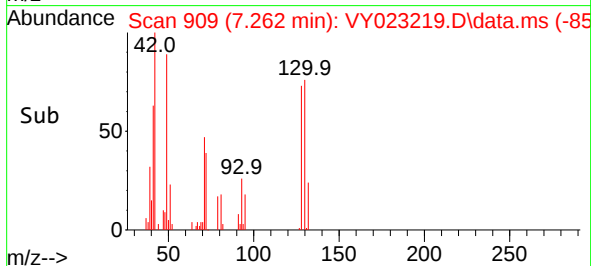
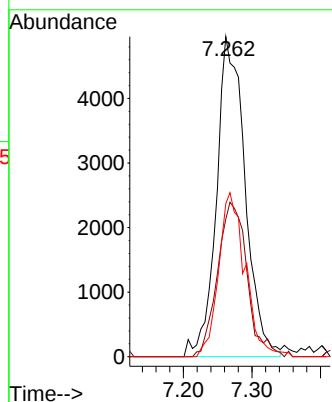


Tgt Ion:	42	Resp:	14379
Ion Ratio	100	Lower	Upper
42	100		
72	49.6	39.4	59.2
71	47.5	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#30

Chloroform

Concen: 4.219 ug/l

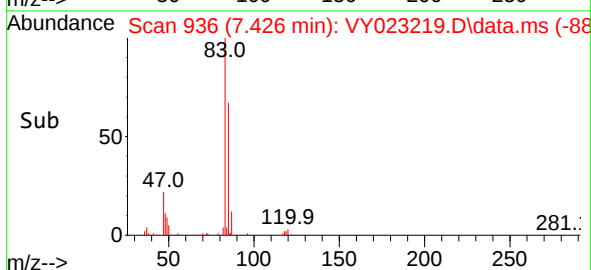
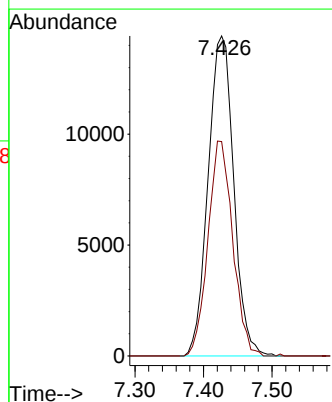
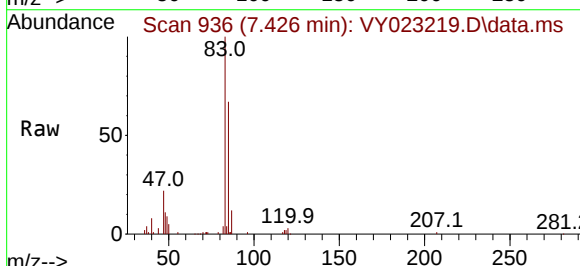
RT: 7.426 min Scan# 936

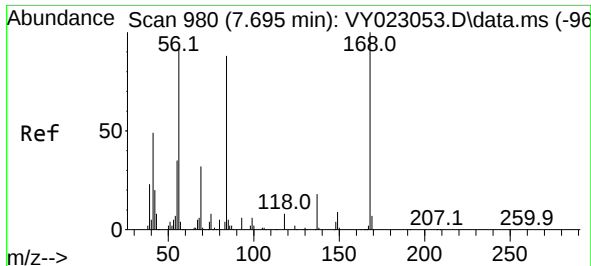
Delta R.T. 0.012 min

Lab File: VY023219.D

Acq: 28 Aug 2025 12:22

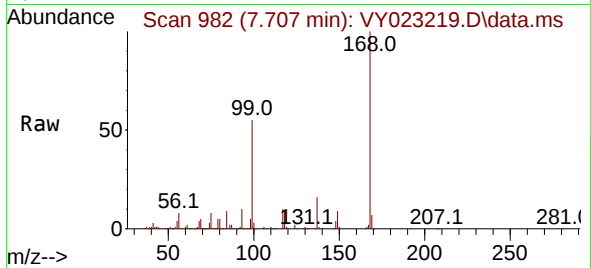
Tgt Ion:	83	Resp:	37461
Ion Ratio	100	Lower	Upper
83	100		
85	67.0	53.8	80.8





#31
Cyclohexane
Concen: 4.271 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

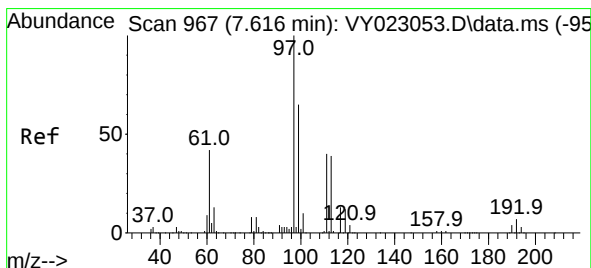
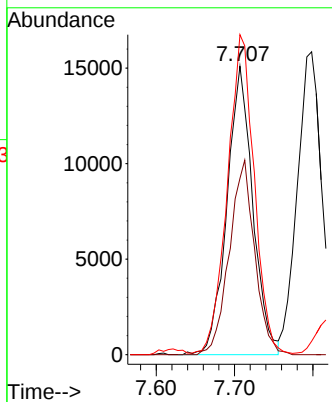
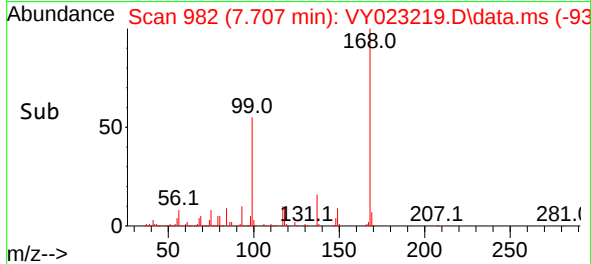
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



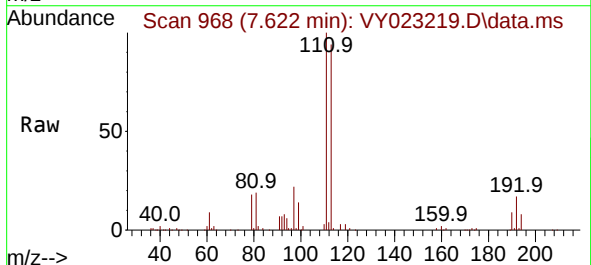
Tgt Ion: 56 Resp: 3465
Ion Ratio Lower Upper
56 100
69 61.1 28.2 42.2
84 109.4 76.6 114.8

Manual Integrations
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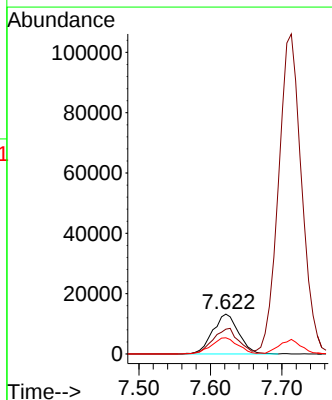
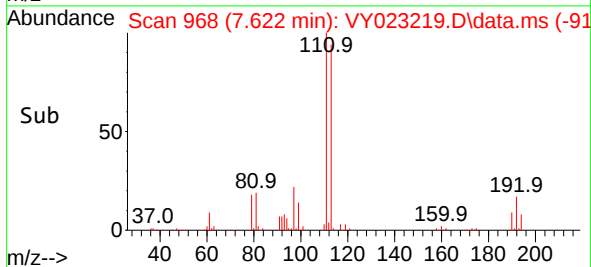
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#32
1,1,1-Trichloroethane
Concen: 4.220 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22



Tgt Ion: 97 Resp: 33253
Ion Ratio Lower Upper
97 100
99 63.1 51.6 77.4
61 41.3 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 51.830 ug/l

RT: 8.067 min Scan# 1107

Delta R.T. 0.012 min

Lab File: VY023219.D

Acq: 28 Aug 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 65 Resp: 225779

Ion Ratio Lower Upper

65 100

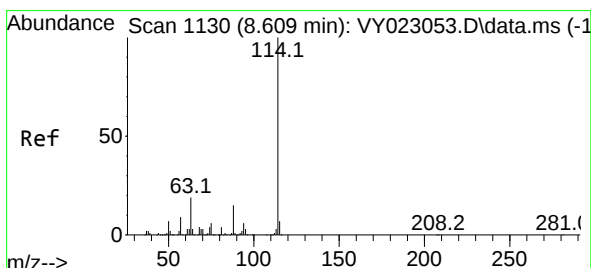
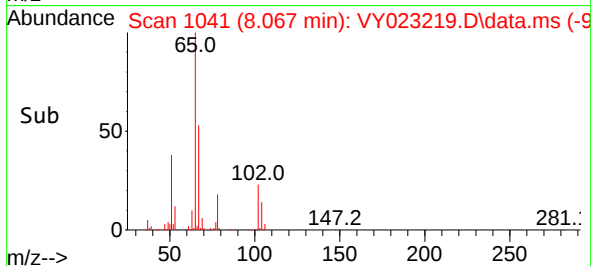
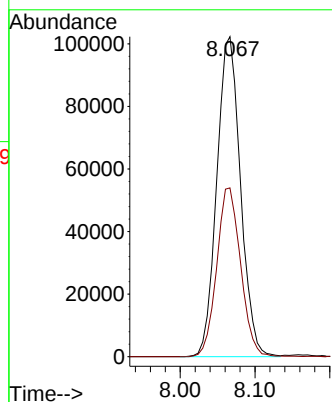
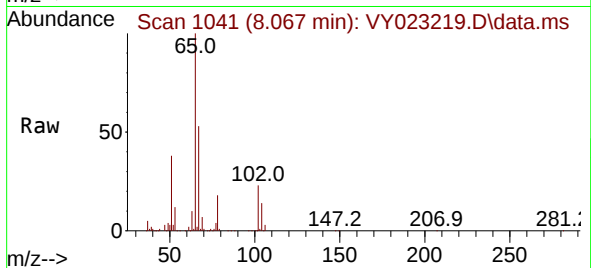
67 53.2 0.0 106.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025

Supervised By :Mahesh Dadoda 08/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023219.D

Acq: 28 Aug 2025 12:22

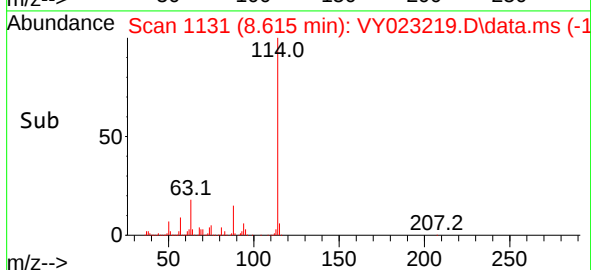
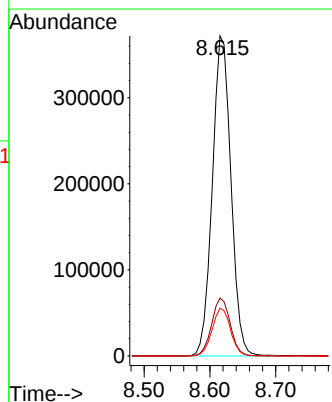
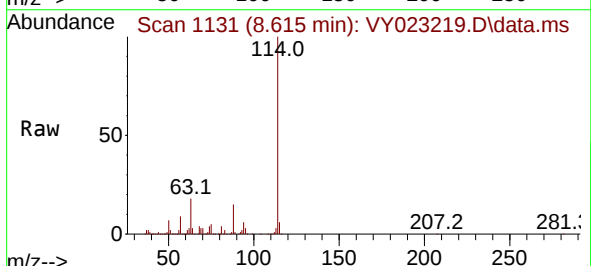
Tgt Ion:114 Resp: 732828

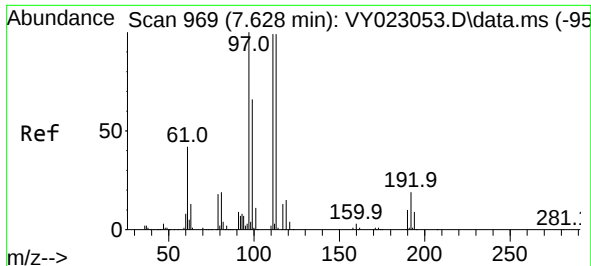
Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.4

88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.576 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY023219.D

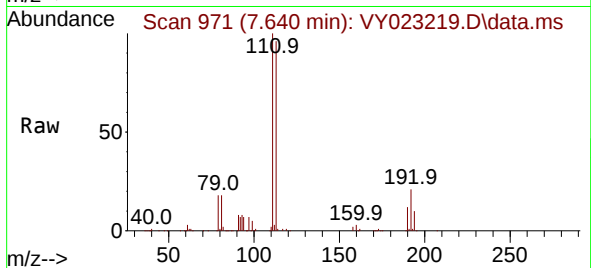
Acq: 28 Aug 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 113 Resp: 230548

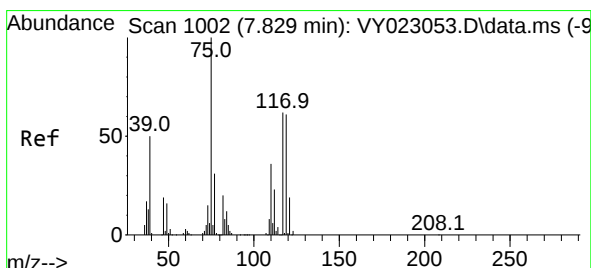
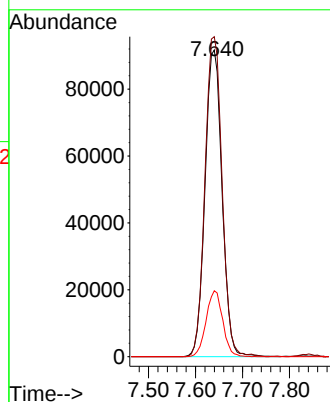
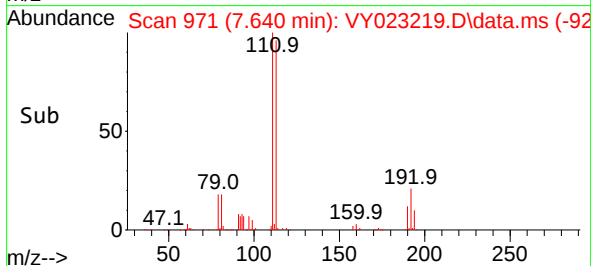
Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.1	121.7
192	20.9	16.2	24.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025

Supervised By :Mahesh Dadoda 08/29/2025



#36

1,1-Dichloropropene

Concen: 3.841 ug/l

RT: 7.841 min Scan# 1004

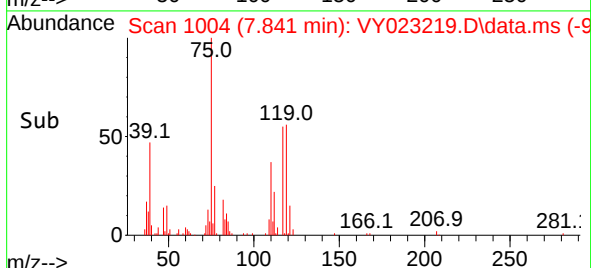
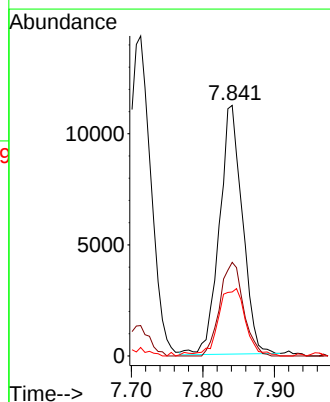
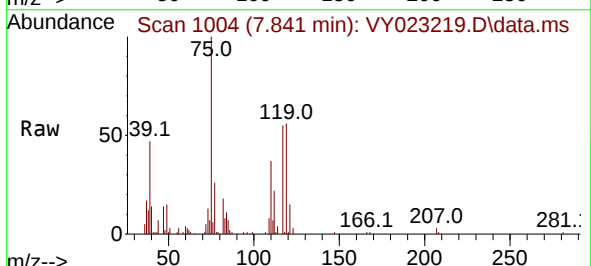
Delta R.T. 0.012 min

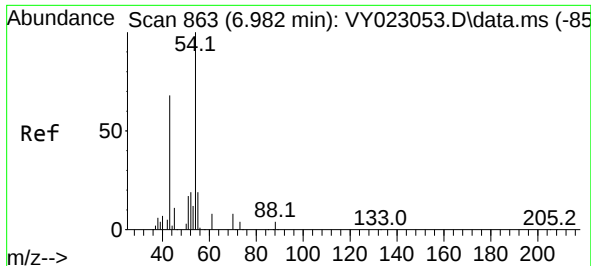
Lab File: VY023219.D

Acq: 28 Aug 2025 12:22

Tgt Ion: 75 Resp: 25033

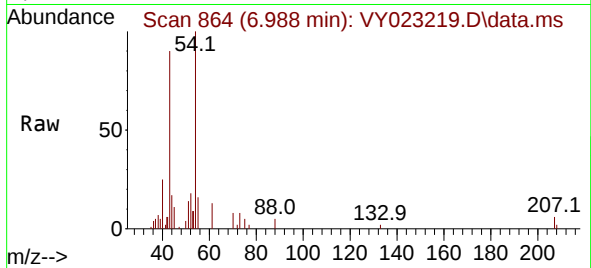
Ion	Ratio	Lower	Upper
75	100		
110	38.7	18.1	54.4
77	31.7	24.6	37.0





#37
Ethyl Acetate
Concen: 3.406 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

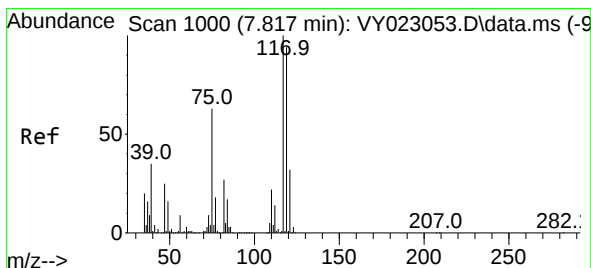
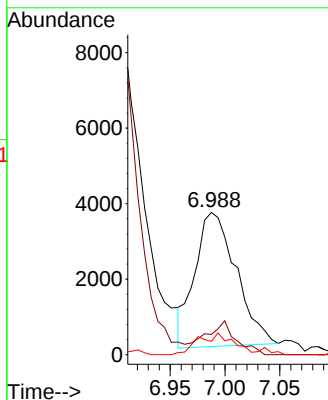
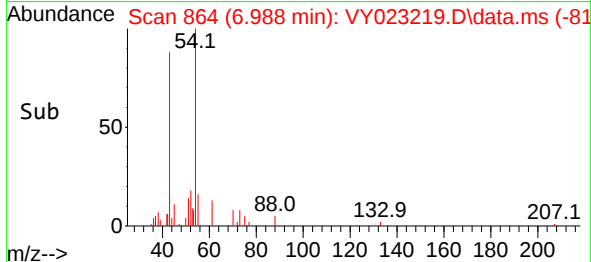
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
61 18.9 11.9 17.9
70 14.0 8.8 13.2

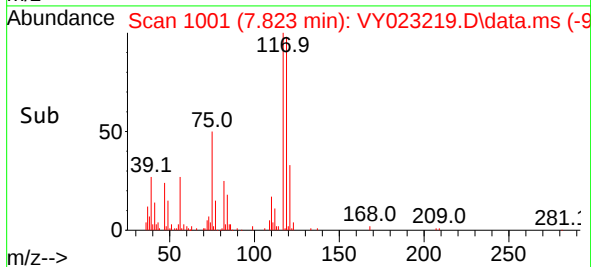
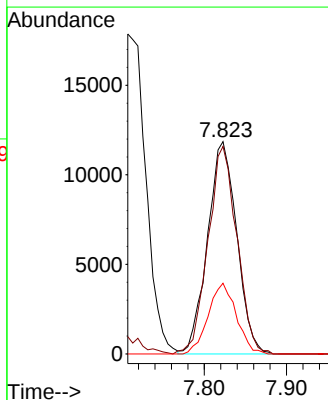
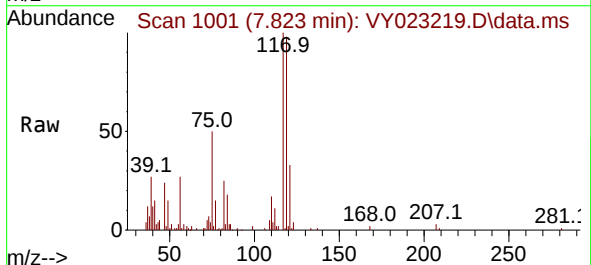
Manual Integrations
APPROVED

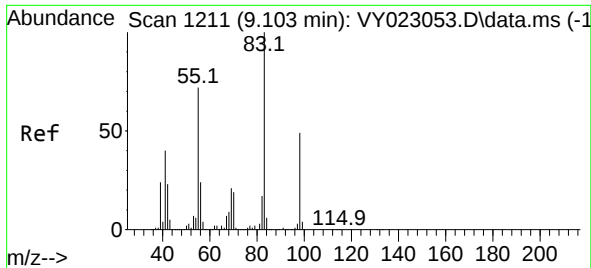
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#38
Carbon Tetrachloride
Concen: 4.145 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

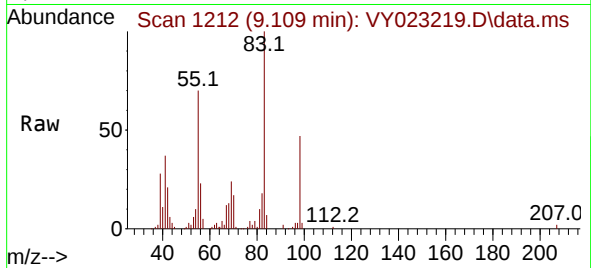
Tgt Ion:117 Resp: 29336
Ion Ratio Lower Upper
117 100
119 97.8 75.6 113.4
121 33.3 25.8 38.8





#39
Methylcyclohexane
Concen: 3.670 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

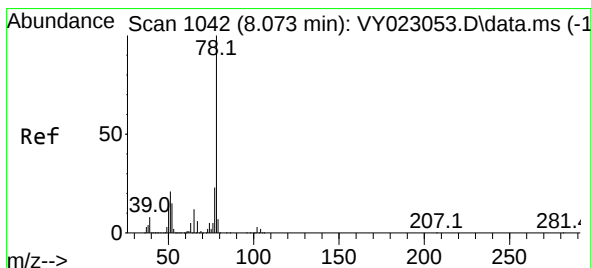
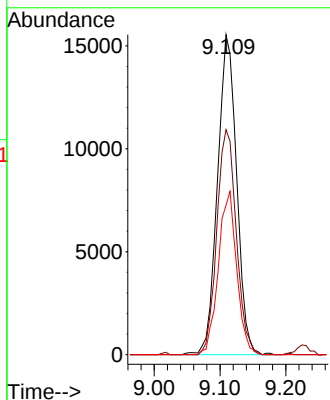
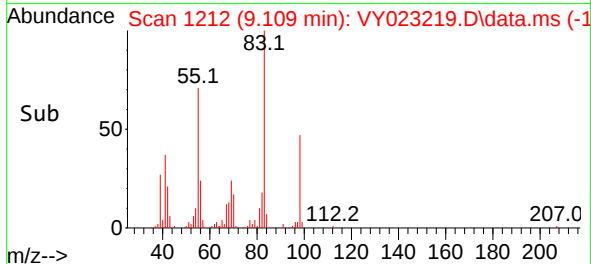
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



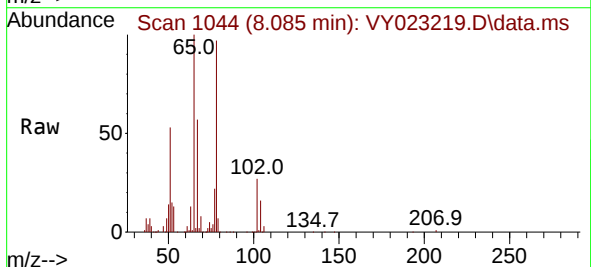
Tgt Ion: 83 Resp: 3149
Ion Ratio Lower Upper
83 100
55 70.3 57.6 86.4
98 46.7 39.2 58.8

Manual Integrations
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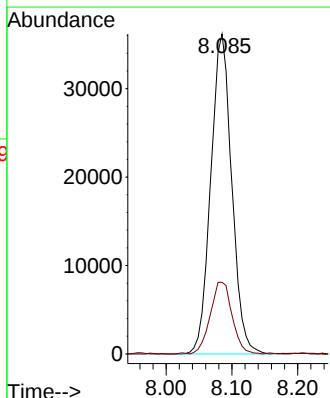
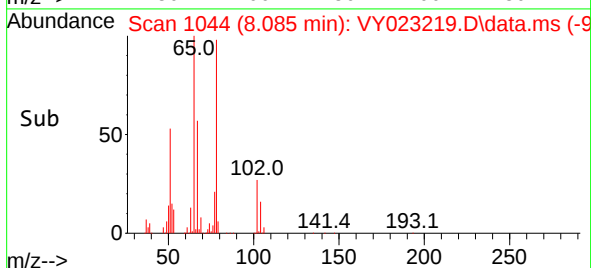
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

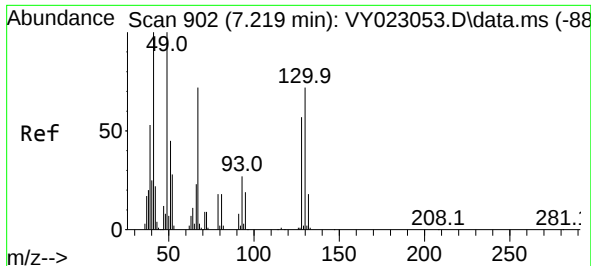


#40
Benzene
Concen: 4.003 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.012 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22



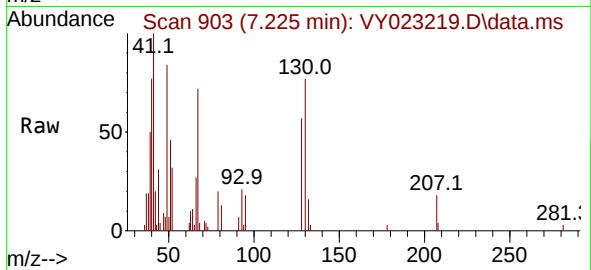
Tgt Ion: 78 Resp: 80403
Ion Ratio Lower Upper
78 100
77 22.3 18.6 28.0





#41
Methacrylonitrile
Concen: 3.605 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

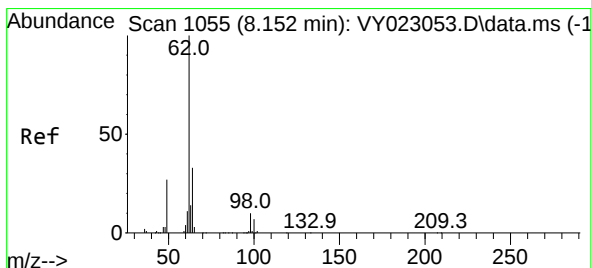
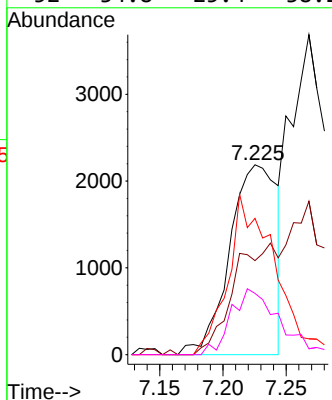
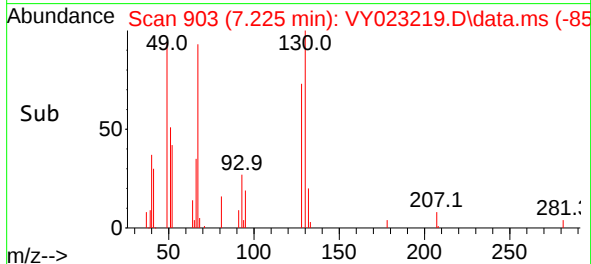
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 41 Resp: 5690
Ion Ratio Lower Upper
41 100
39 0.0 43.4 65.2
67 83.5 63.6 95.4
52 34.8 25.4 38.2

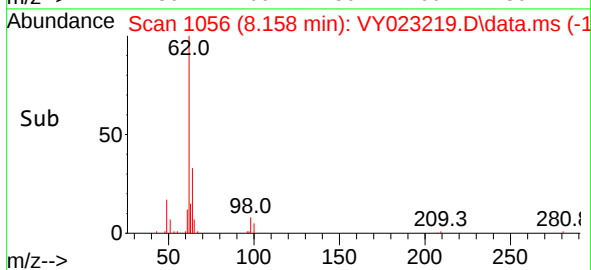
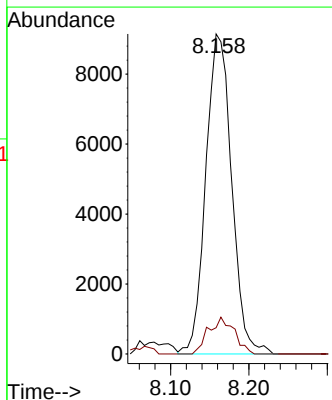
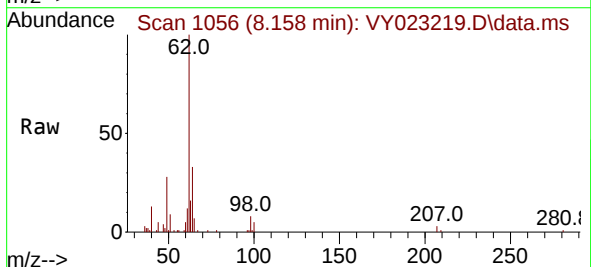
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#42
1,2-Dichloroethane
Concen: 4.021 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

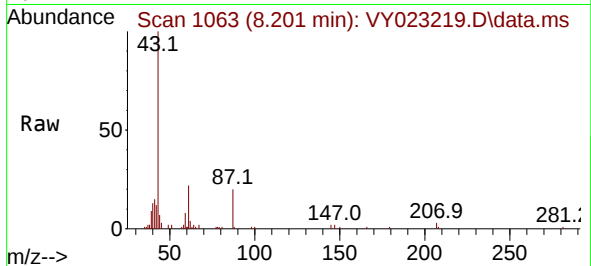
Tgt Ion: 62 Resp: 21006
Ion Ratio Lower Upper
62 100
98 11.4 0.0 20.6





#43
Isopropyl Acetate
Concen: 3.655 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

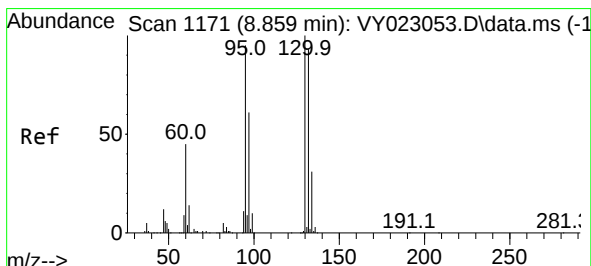
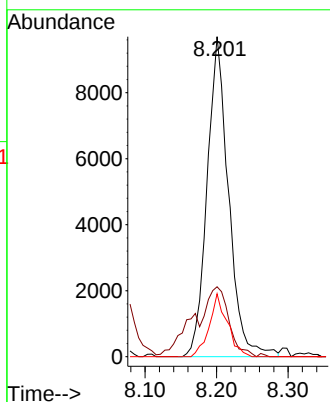
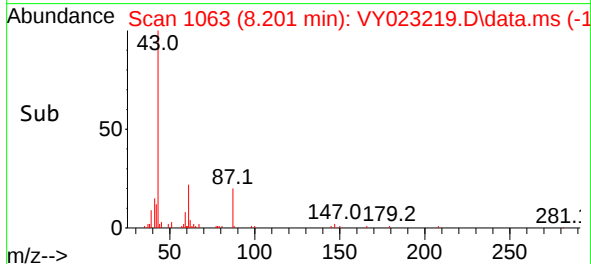
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



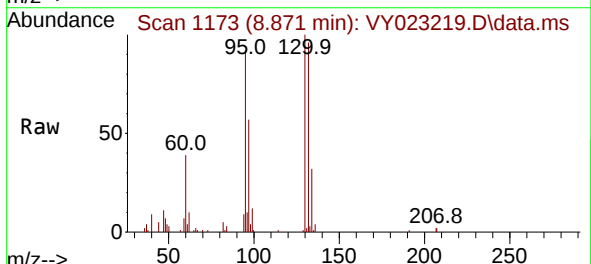
Tgt Ion: 43 Resp: 20223
Ion Ratio Lower Upper
43 100
61 23.1 16.4 24.6
87 16.6 11.8 17.6

Manual Integrations
APPROVED

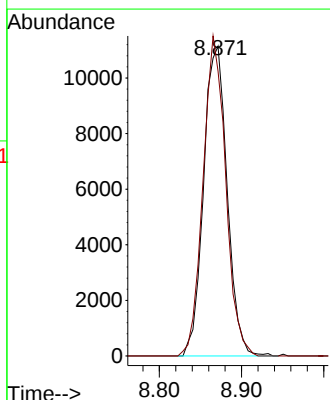
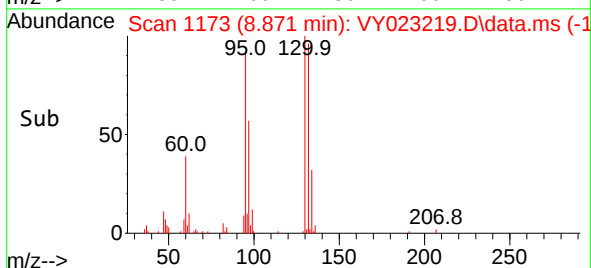
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#44
Trichloroethene
Concen: 4.281 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. 0.012 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22



Tgt Ion:130 Resp: 22223
Ion Ratio Lower Upper
130 100
95 92.0 0.0 190.2





#45

1,2-Dichloropropane

Concen: 3.913 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023219.D

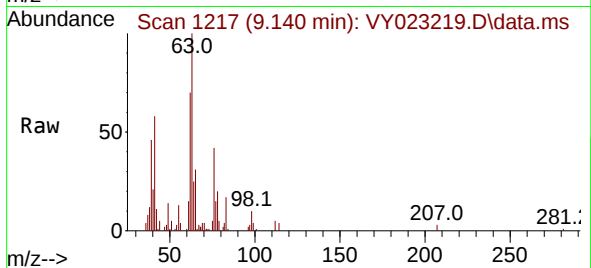
Acq: 28 Aug 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 63 Resp: 1808

Ion Ratio Lower Upper

63 100

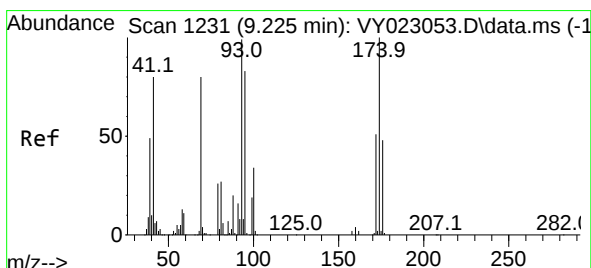
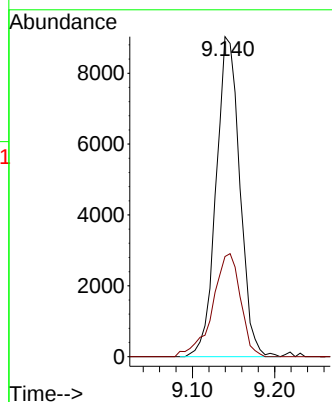
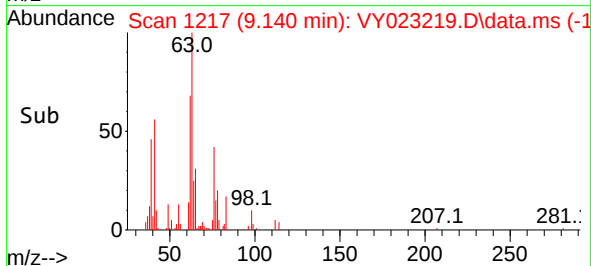
65 31.3 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025

Supervised By :Mahesh Dadoda 08/29/2025



#46

Dibromomethane

Concen: 4.332 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023219.D

Acq: 28 Aug 2025 12:22

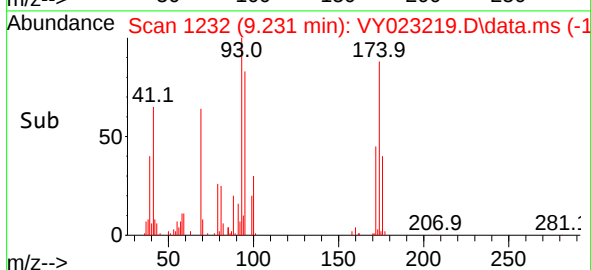
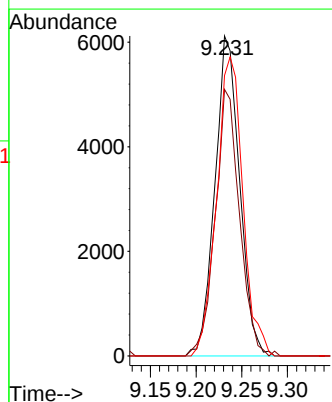
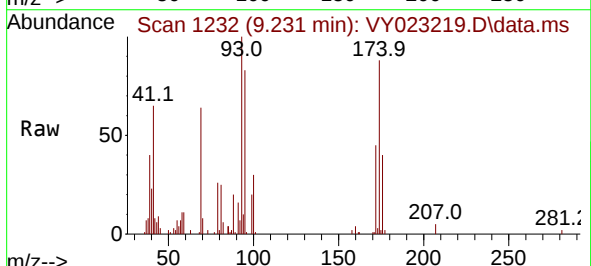
Tgt Ion: 93 Resp: 11491

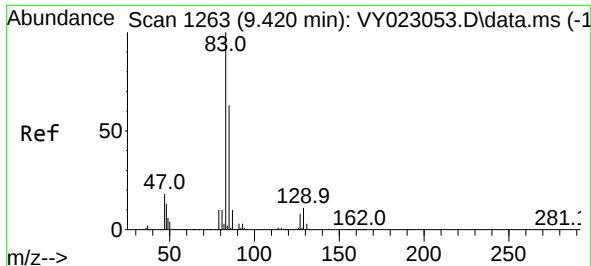
Ion Ratio Lower Upper

93 100

95 82.1 66.5 99.7

174 99.6 81.8 122.8





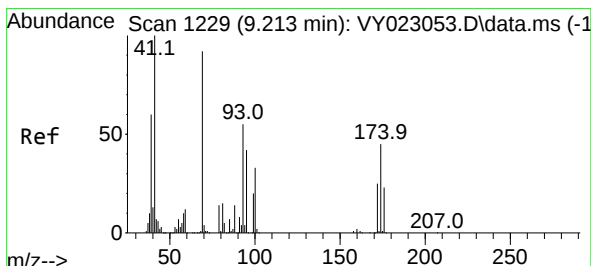
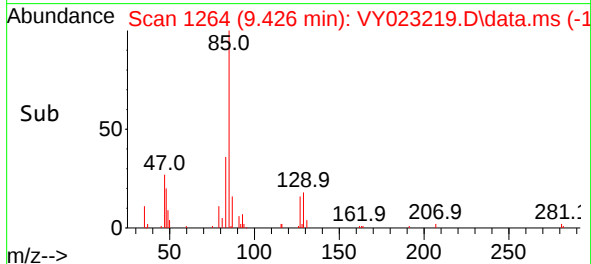
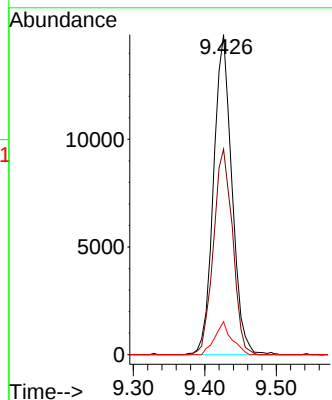
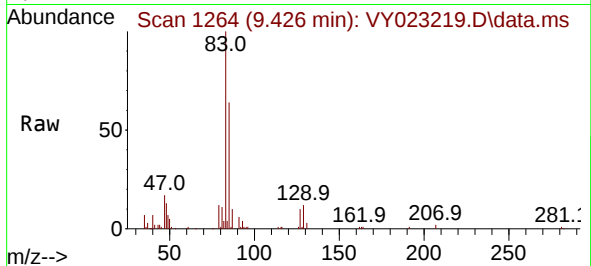
#47
Bromodichloromethane
Concen: 3.887 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

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

Tgt Ion: 83 Resp: 2652
Ion Ratio Lower Upper
83 100
85 64.2 50.2 75.4
127 10.3 6.6 10.0

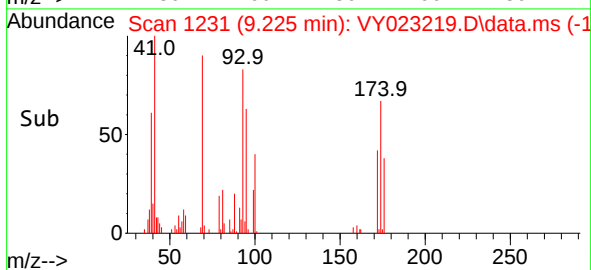
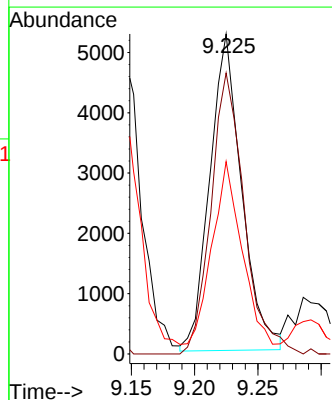
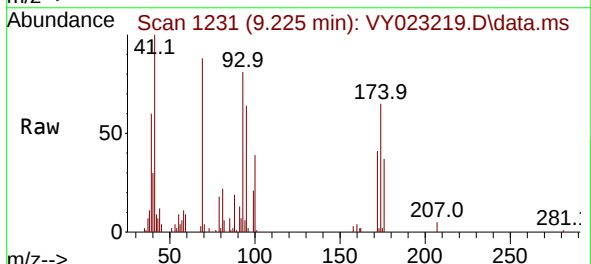
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#48
Methyl methacrylate
Concen: 3.477 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

Tgt Ion: 41 Resp: 9206
Ion Ratio Lower Upper
41 100
69 92.4 73.2 109.8
39 58.8 47.0 70.4





#49

1,4-Dioxane

Concen: 82.952 ug/l

RT: 9.231 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023219.D

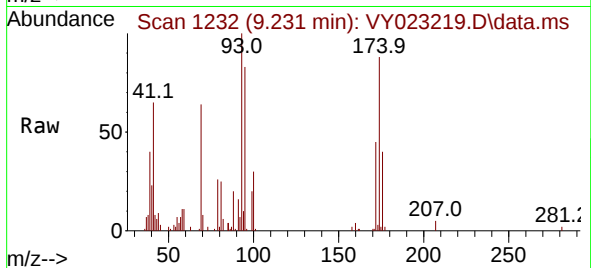
Acq: 28 Aug 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

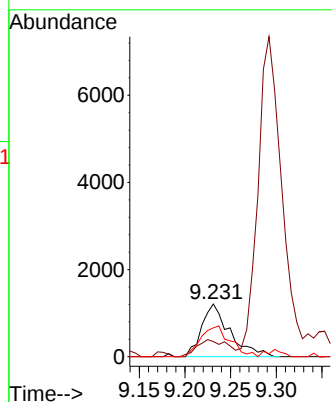
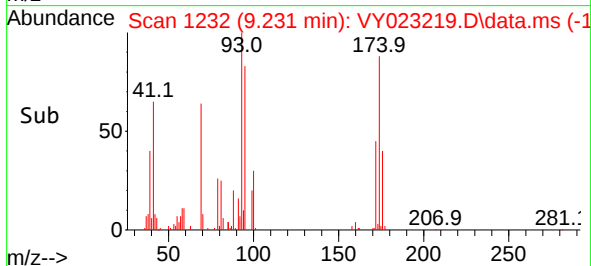


Tgt Ion:	88	Resp:	2580
Ion	Ratio	Lower	Upper
88	100		
43	34.8	24.3	36.5
58	60.1	55.4	83.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#50

Toluene-d8

Concen: 50.966 ug/l

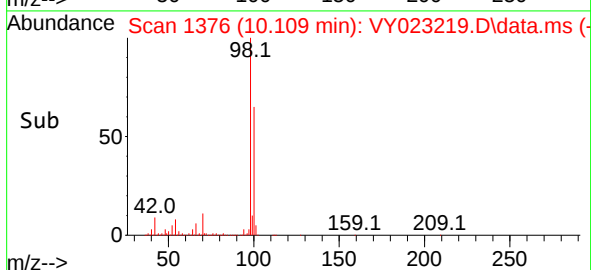
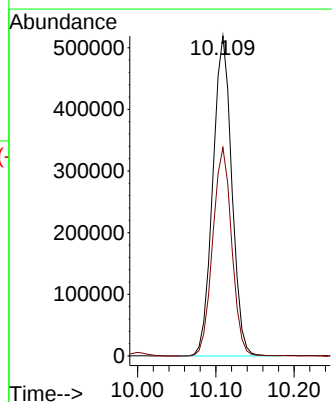
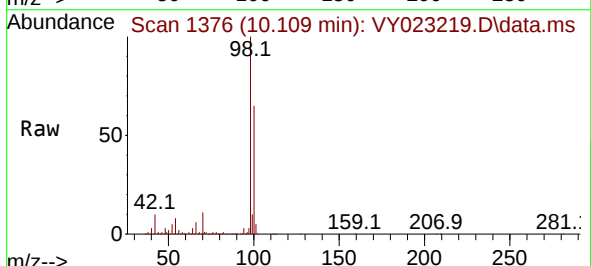
RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023219.D

Acq: 28 Aug 2025 12:22

Tgt Ion:	98	Resp:	873068
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.3	78.5





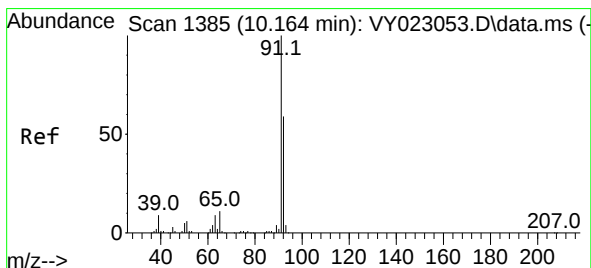
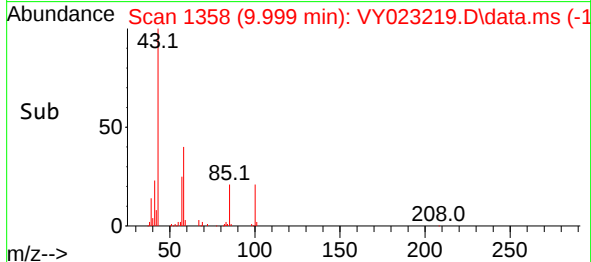
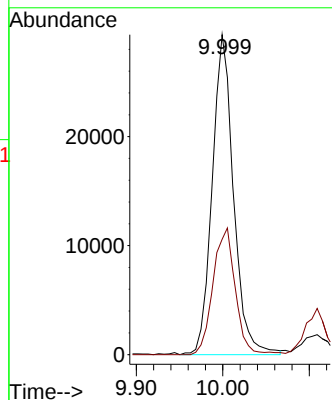
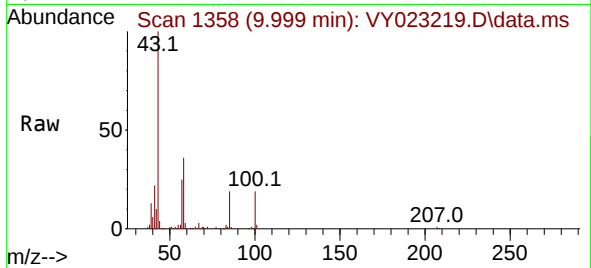
#51
4-Methyl-2-Pentanone
Concen: 17.576 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

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

Tgt Ion: 43 Resp: 5016
Ion Ratio Lower Upper
43 100
58 41.5 33.5 50.3

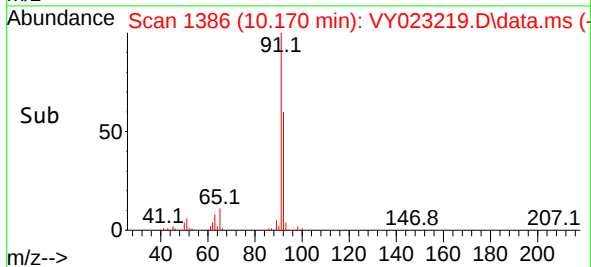
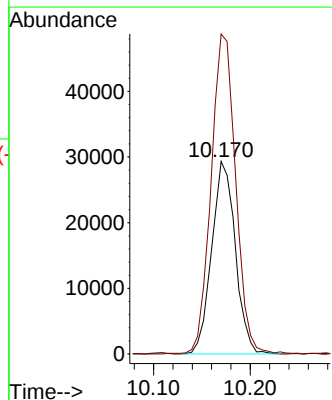
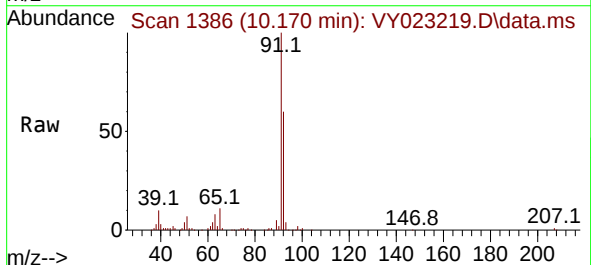
Manual Integrations
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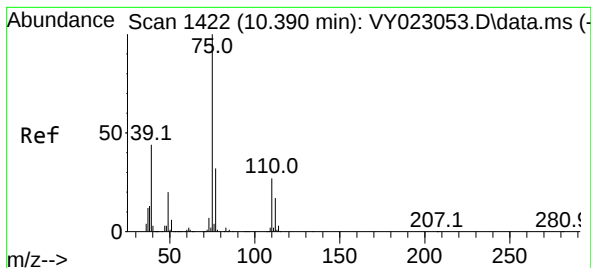
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#52
Toluene
Concen: 3.902 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

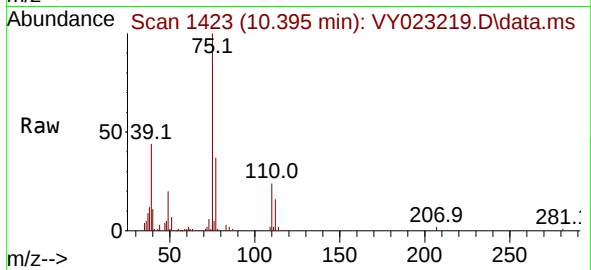
Tgt Ion: 92 Resp: 49772
Ion Ratio Lower Upper
92 100
91 173.1 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 3.636 ug/l
RT: 10.395 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

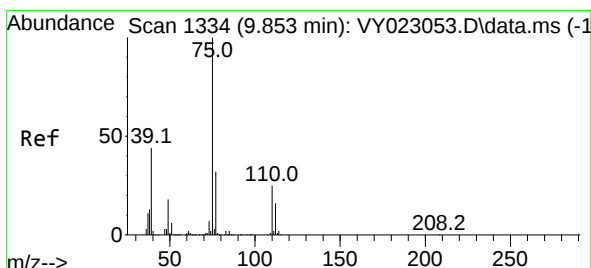
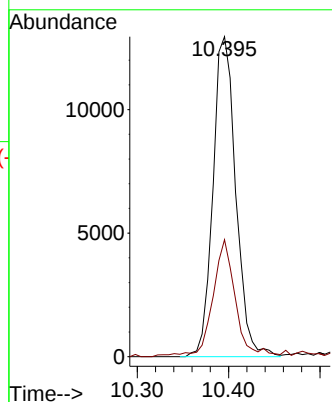
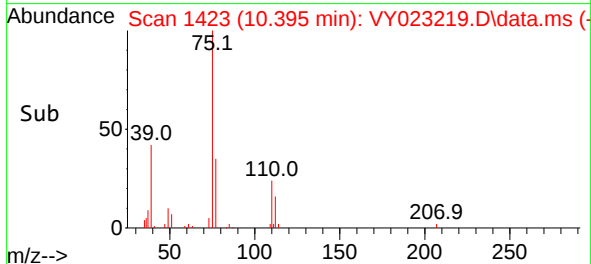
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 75 Resp: 2247
Ion Ratio Lower Upper
75 100
77 35.9 25.7 38.5

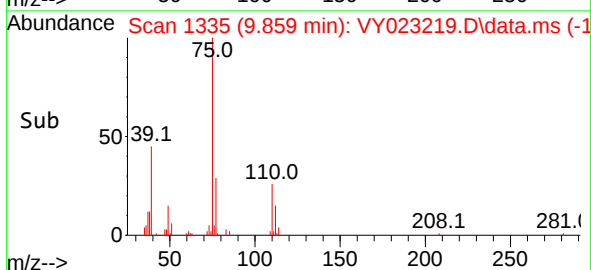
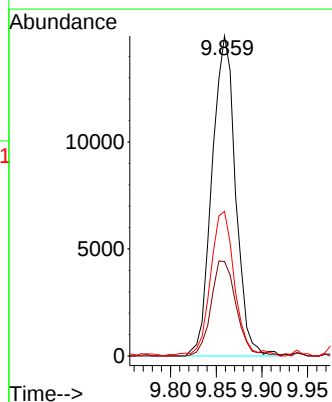
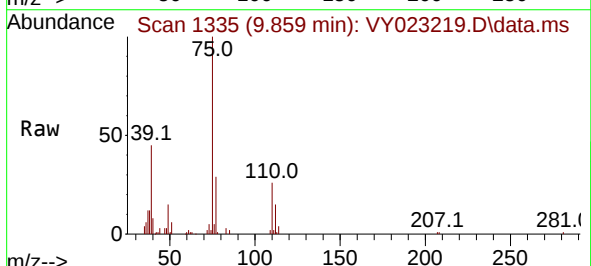
Manual Integrations
APPROVED

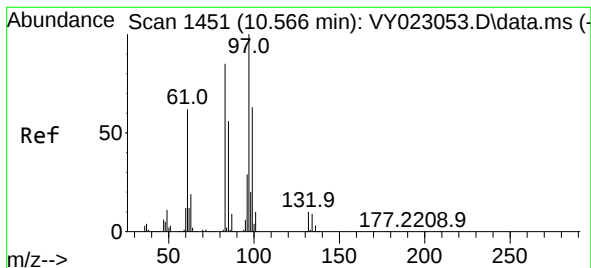
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#54
cis-1,3-Dichloropropene
Concen: 3.667 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

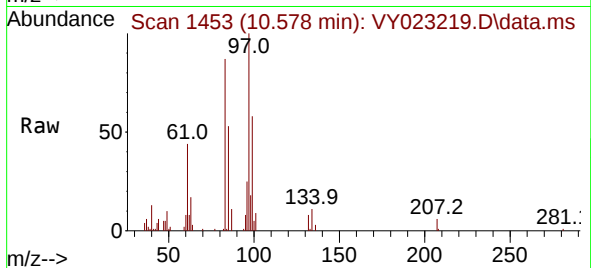
Tgt Ion: 75 Resp: 26801
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.0
39 45.2 35.6 53.4





#55
1,1,2-Trichloroethane
Concen: 4.339 ug/l
RT: 10.578 min Scan# 1453
Delta R.T. 0.012 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

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

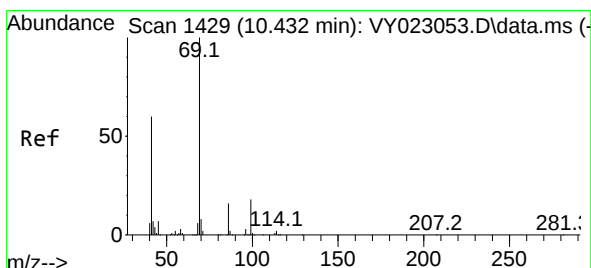
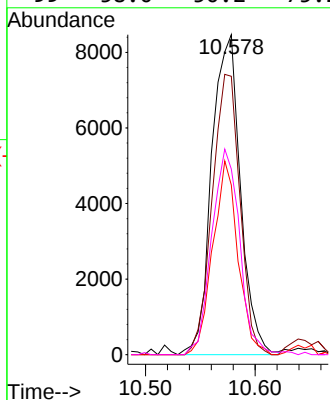
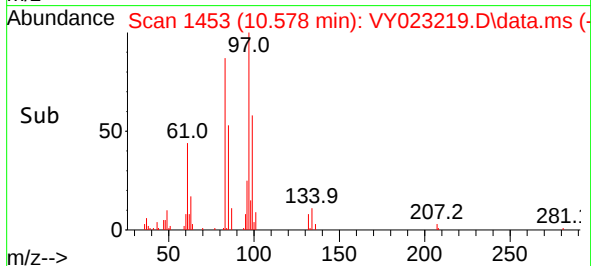


Tgt Ion: 97 Resp: 1540

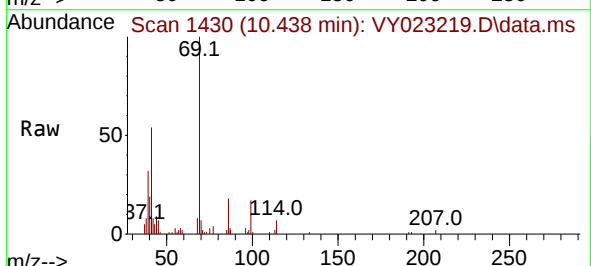
Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.7	101.5
85	53.0	44.5	66.7
99	58.0	50.2	75.2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

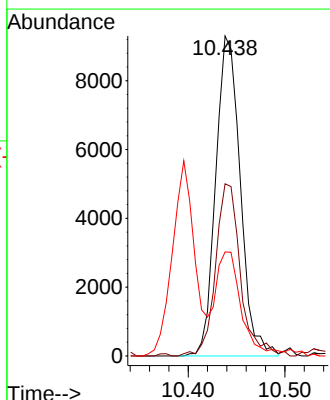
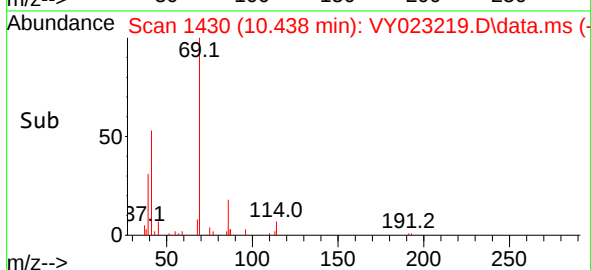


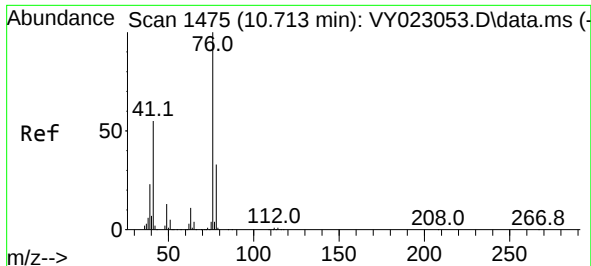
#56
Ethyl methacrylate
Concen: 3.610 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22



Tgt Ion: 69 Resp: 16395

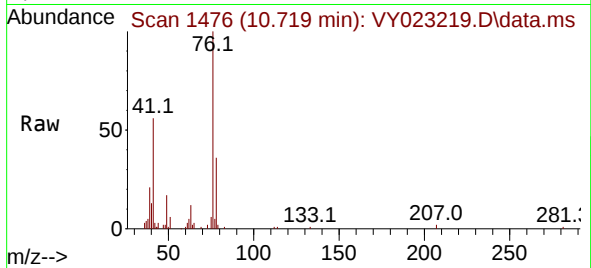
Ion	Ratio	Lower	Upper
69	100		
41	54.5	48.6	72.8
39	31.3	27.0	40.4





#57
1,3-Dichloropropane
Concen: 3.971 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

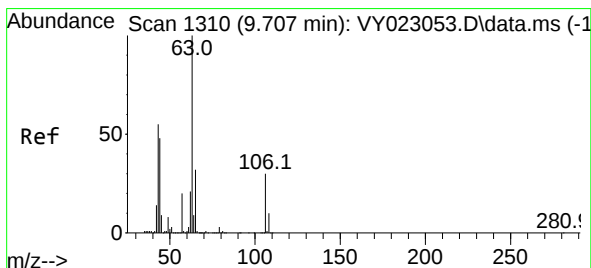
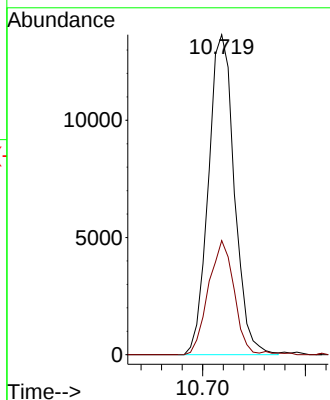
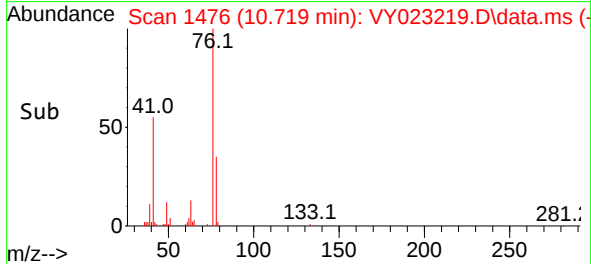
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



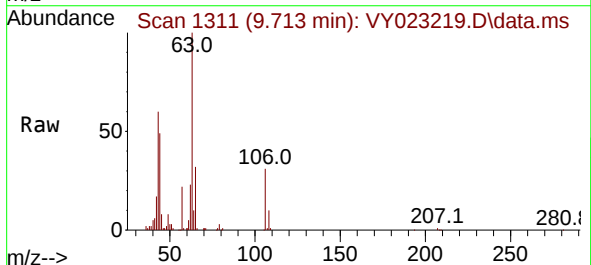
Tgt Ion: 76 Resp: 2390
Ion Ratio Lower Upper
76 100
78 35.1 26.0 39.0

Manual Integrations
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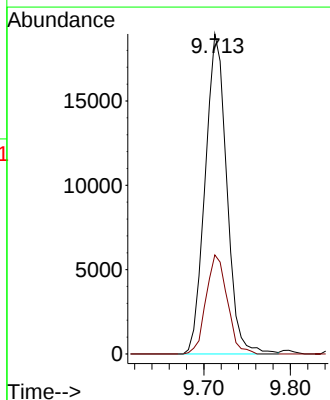
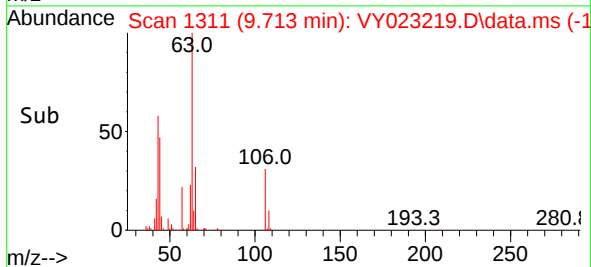
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

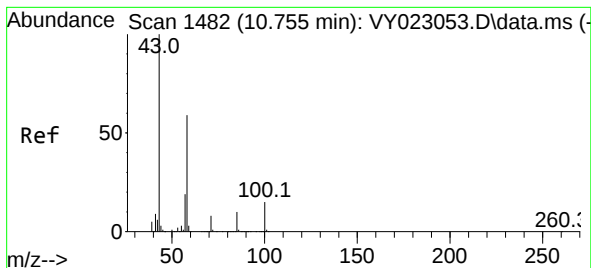


#58
2-Chloroethyl Vinyl ether
Concen: 15.354 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22



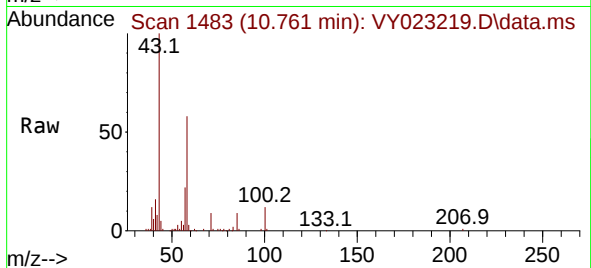
Tgt Ion: 63 Resp: 32895
Ion Ratio Lower Upper
63 100
106 30.3 23.2 34.8





#59
2-Hexanone
Concen: 16.614 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

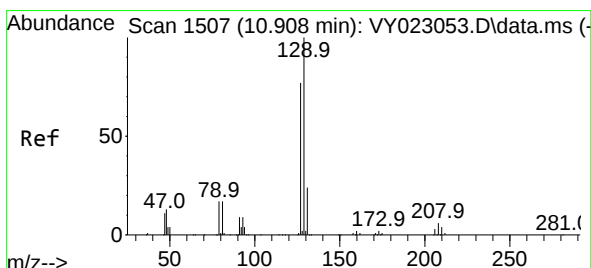
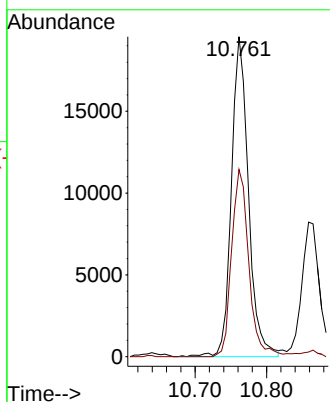
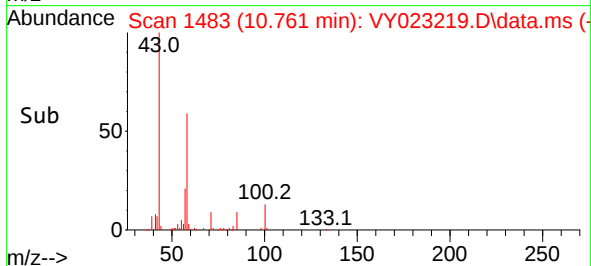
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 43 Resp: 3228
Ion Ratio Lower Upper
43 100
58 59.4 29.5 88.5

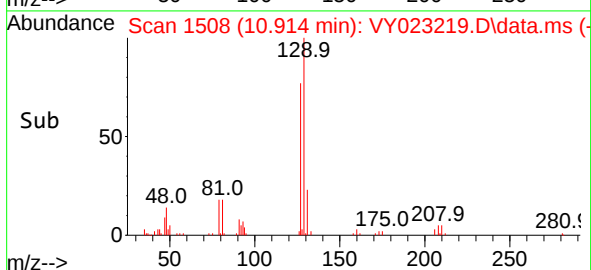
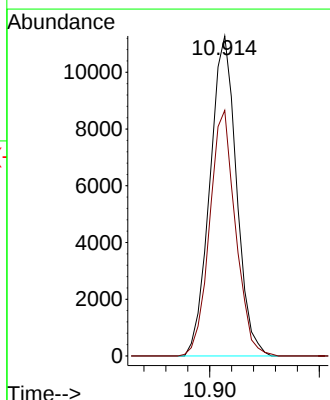
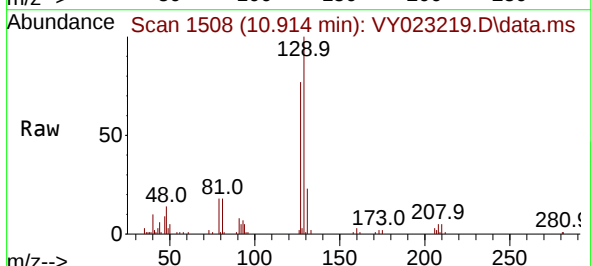
Manual Integrations
APPROVED

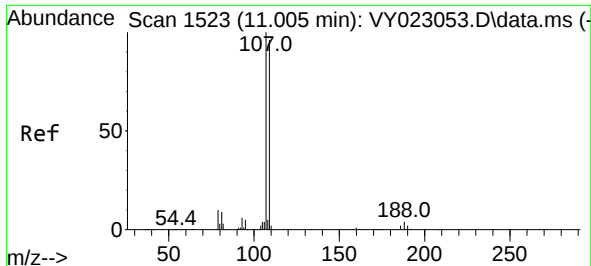
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#60
Dibromochloromethane
Concen: 4.061 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

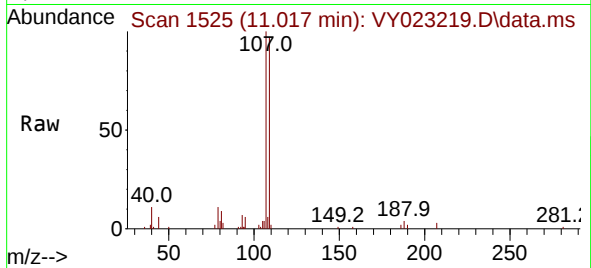
Tgt Ion:129 Resp: 19020
Ion Ratio Lower Upper
129 100
127 74.7 38.5 115.5





#61
1,2-Dibromoethane
Concen: 4.063 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

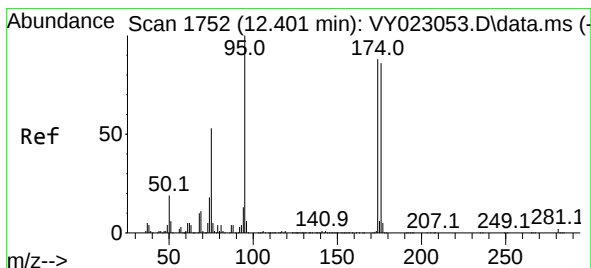
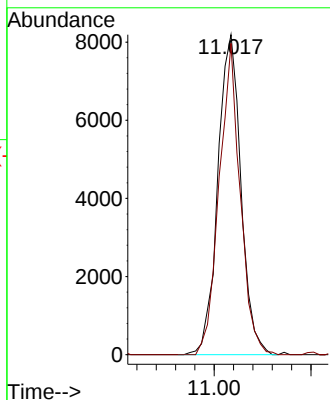
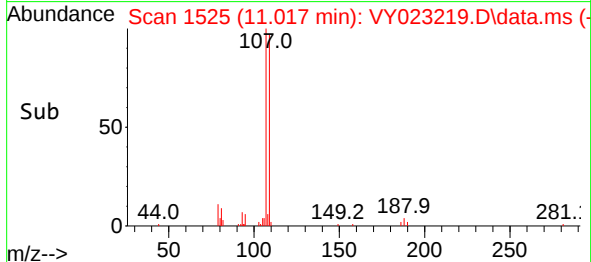
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



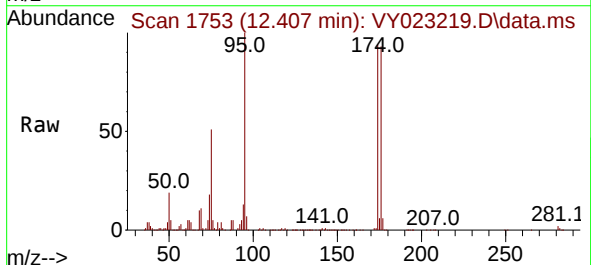
Tgt Ion:107 Resp: 13554
Ion Ratio Lower Upper
107 100
109 88.3 75.6 113.4

Manual Integrations
APPROVED

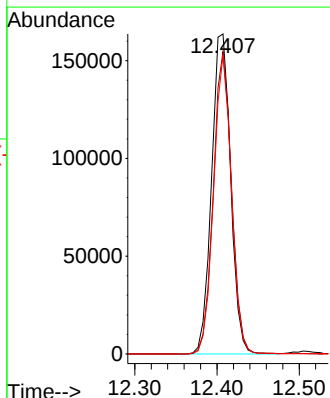
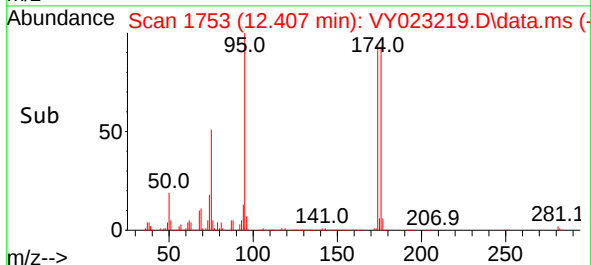
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

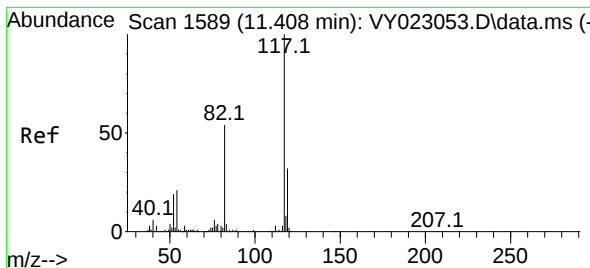


#62
4-Bromofluorobenzene
Concen: 47.830 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22



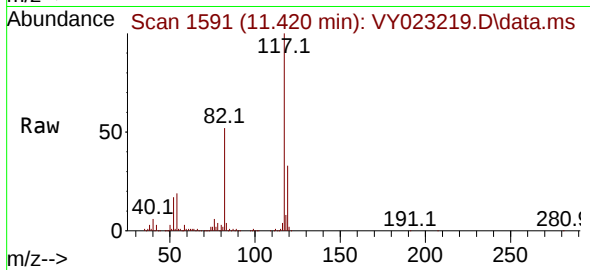
Tgt Ion: 95 Resp: 263500
Ion Ratio Lower Upper
95 100
174 90.3 0.0 171.6
176 87.5 0.0 167.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

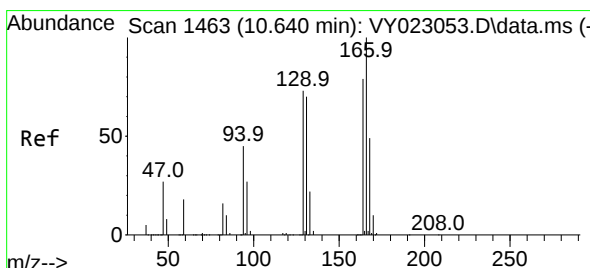
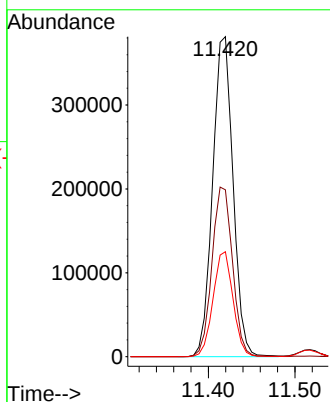
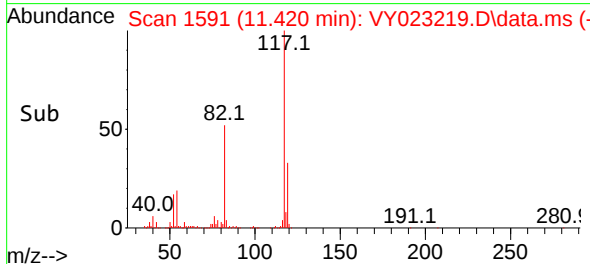
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:117 Resp: 62349
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.0
119 32.8 25.6 38.4

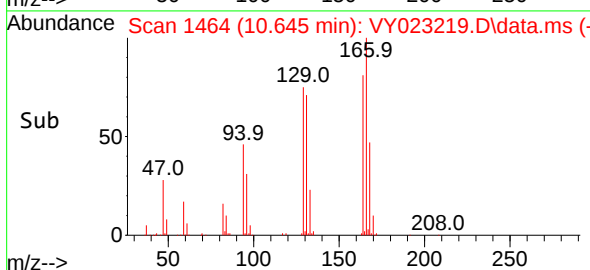
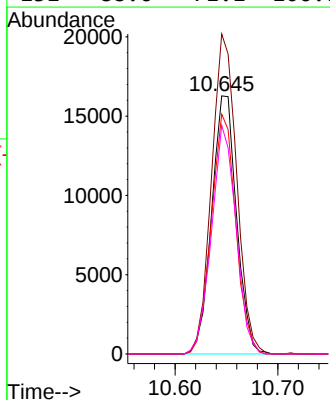
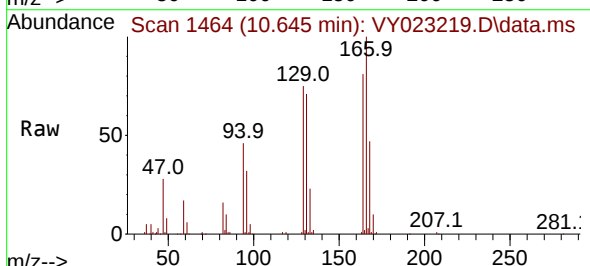
Manual Integrations
APPROVED

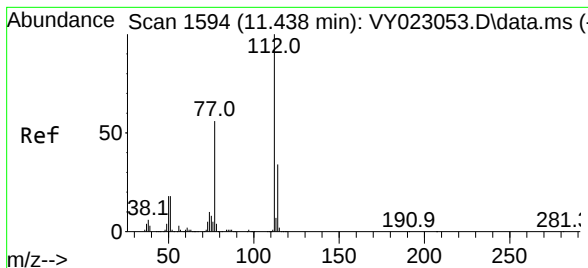
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#64
Tetrachloroethene
Concen: 4.913 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

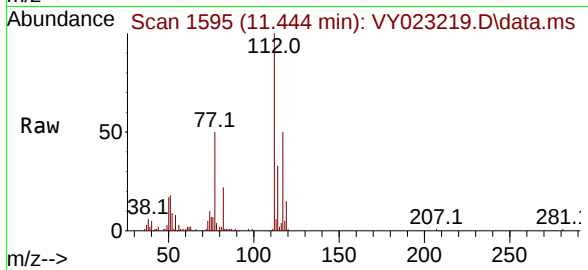
Tgt Ion:164 Resp: 27350
Ion Ratio Lower Upper
164 100
166 124.0 101.1 151.7
129 92.9 74.0 111.0
131 88.6 71.1 106.7





#65
Chlorobenzene
Concen: 4.090 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

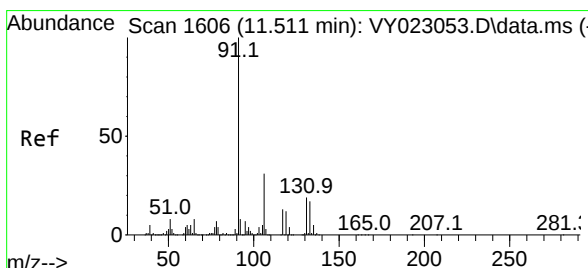
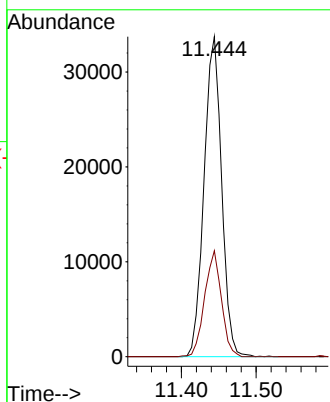
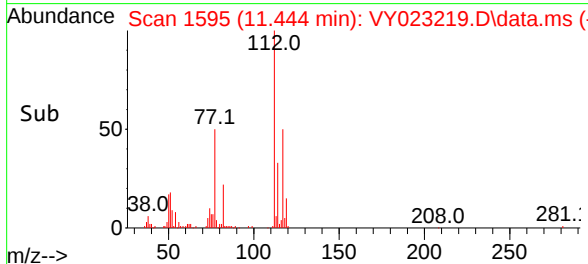
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



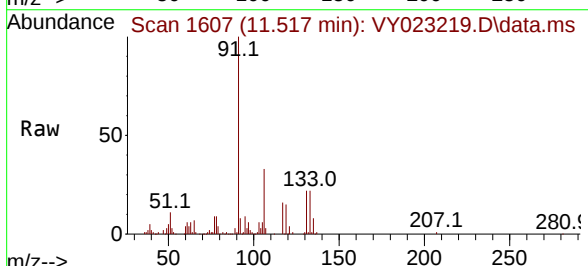
Tgt Ion:112 Resp: 5500
Ion Ratio Lower Upper
112 100
114 33.1 27.0 40.4

Manual Integrations
APPROVED

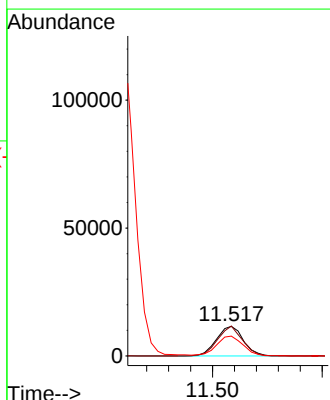
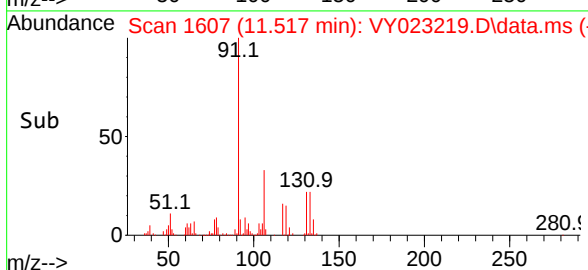
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

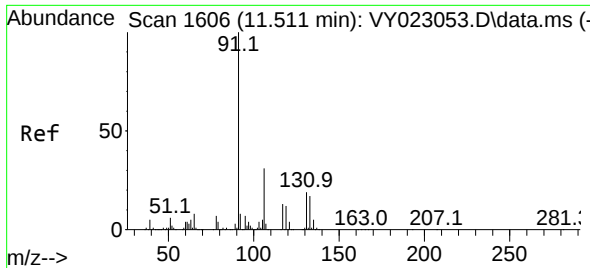


#66
1,1,1,2-Tetrachloroethane
Concen: 4.300 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22



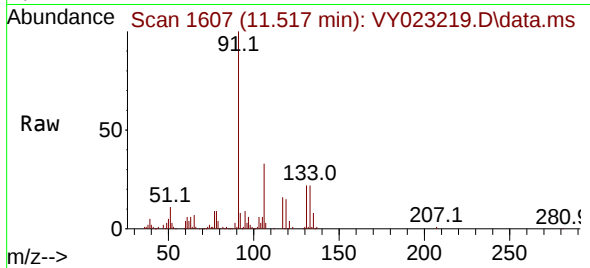
Tgt Ion:131 Resp: 19625
Ion Ratio Lower Upper
131 100
133 93.5 46.9 140.6
119 66.9 33.2 99.6





#67
Ethyl Benzene
Concen: 3.669 ug/l
RT: 11.517 min Scan# 1606
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

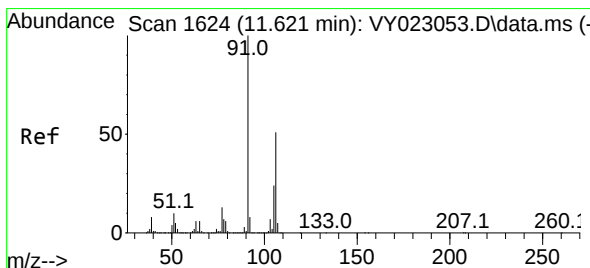
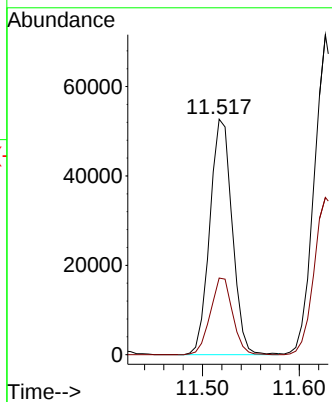
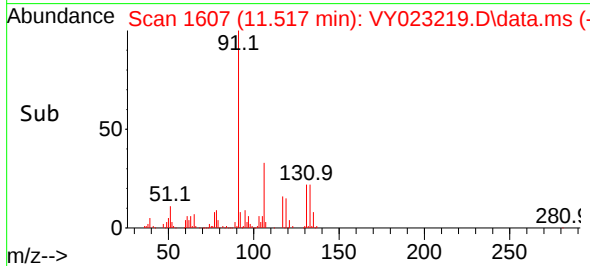
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



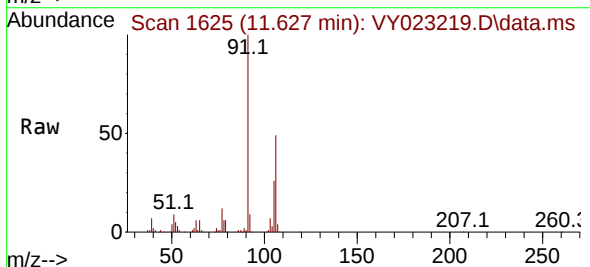
Tgt Ion: 91 Resp: 84909
Ion Ratio Lower Upper
91 100
106 32.5 25.0 37.4

Manual Integrations
APPROVED

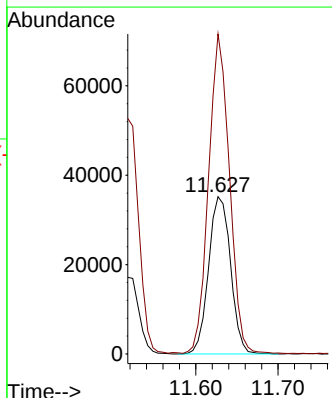
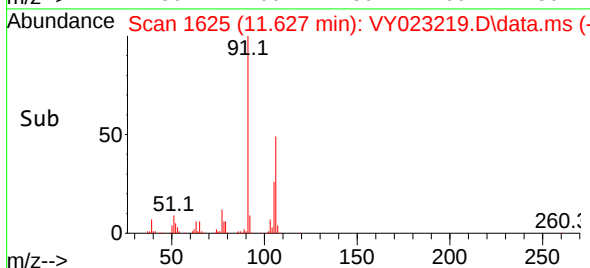
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

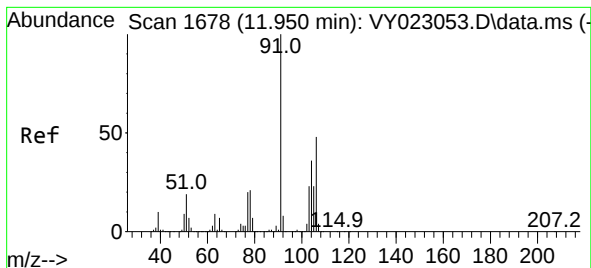


#68
m/p-Xylenes
Concen: 7.234 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22



Tgt Ion:106 Resp: 65390
Ion Ratio Lower Upper
106 100
91 193.2 158.6 238.0





#69

o-Xylene

Concen: 3.633 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023219.D

Acq: 28 Aug 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:106 Resp: 30754

Ion Ratio Lower Upper

106 100

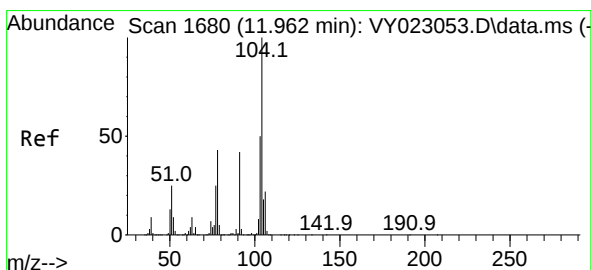
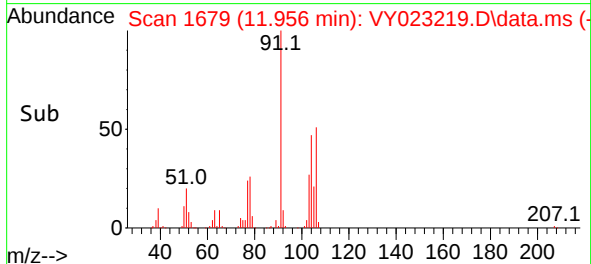
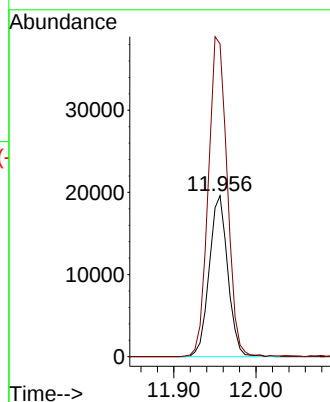
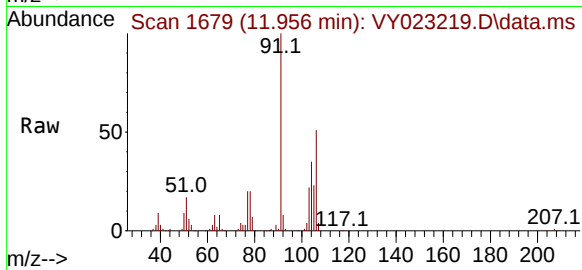
91 201.6 103.2 309.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025

Supervised By :Mahesh Dadoda 08/29/2025



#70

Styrene

Concen: 3.480 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. 0.006 min

Lab File: VY023219.D

Acq: 28 Aug 2025 12:22

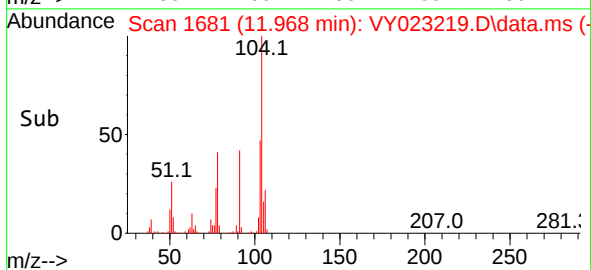
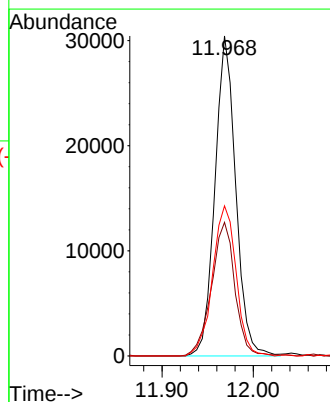
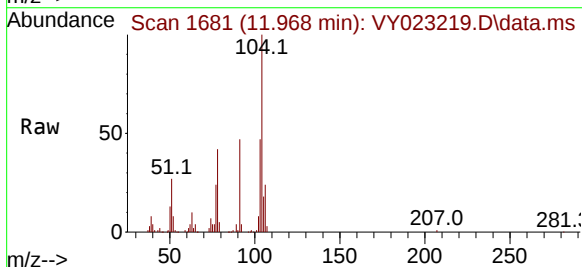
Tgt Ion:104 Resp: 48185

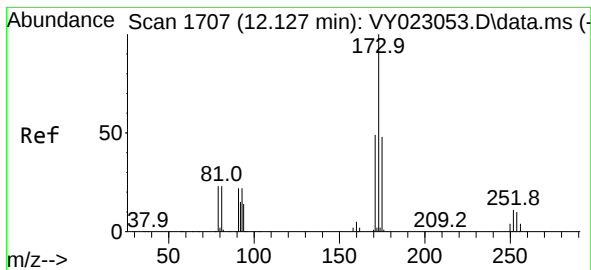
Ion Ratio Lower Upper

104 100

78 47.0 38.5 57.7

103 53.2 43.7 65.5





#71

Bromoform

Concen: 4.250 ug/l

RT: 12.133 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY023219.D

Acq: 28 Aug 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

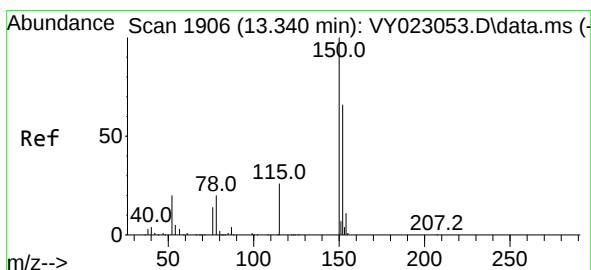
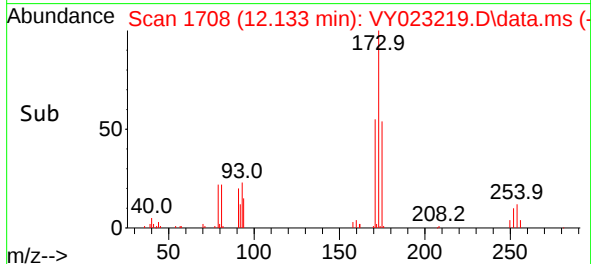
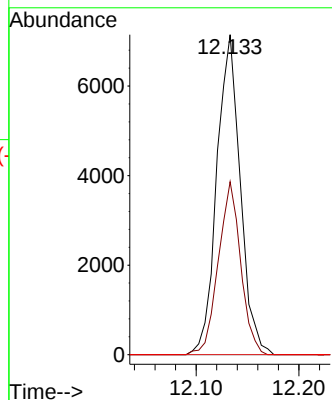
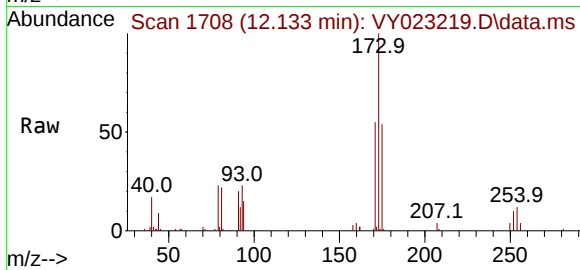
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:173	Resp:	1133
Ion Ratio	Lower	Upper
173	100	
175	51.4	23.9 71.7
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

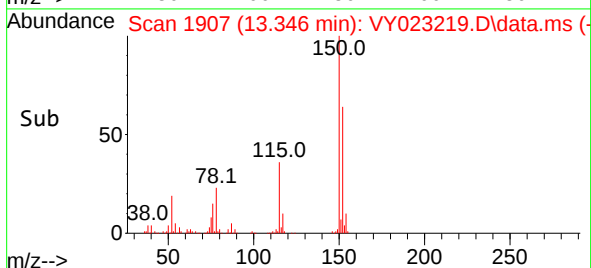
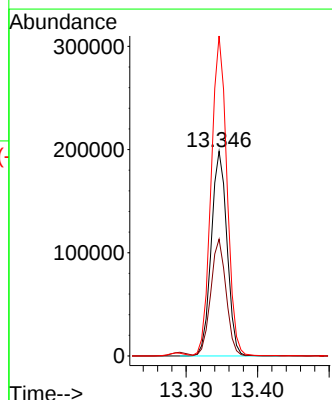
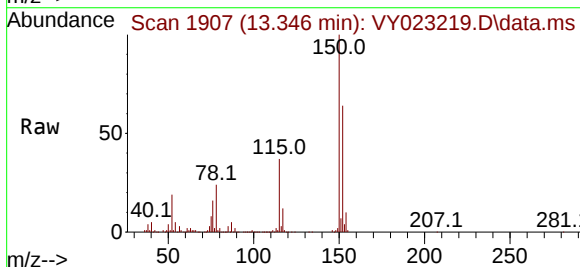
RT: 13.346 min Scan# 1907

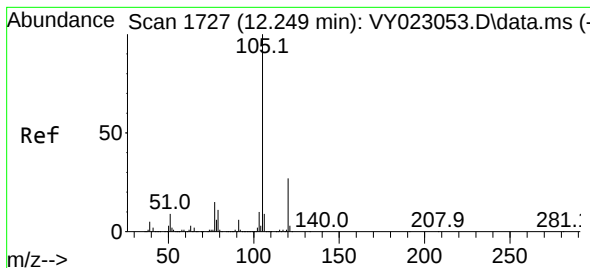
Delta R.T. 0.006 min

Lab File: VY023219.D

Acq: 28 Aug 2025 12:22

Tgt Ion:152	Resp:	302372
Ion Ratio	Lower	Upper
152	100	
115	55.6	28.2 84.6
150	156.5	0.0 348.0





#73

Isopropylbenzene

Concen: 3.604 ug/l

RT: 12.255 min Scan# 1727

Delta R.T. 0.006 min

Lab File: VY023219.D

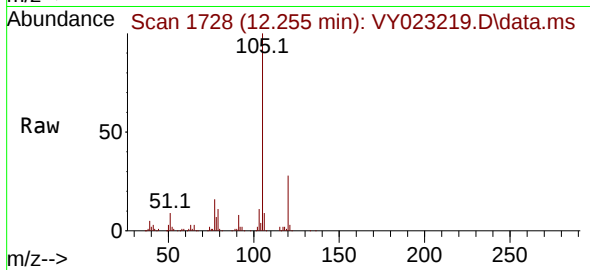
Acq: 28 Aug 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:105 Resp: 7691

Ion Ratio Lower Upper

105 100

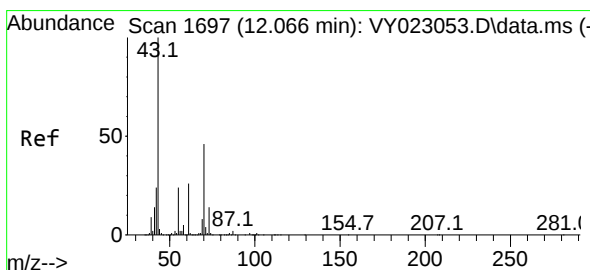
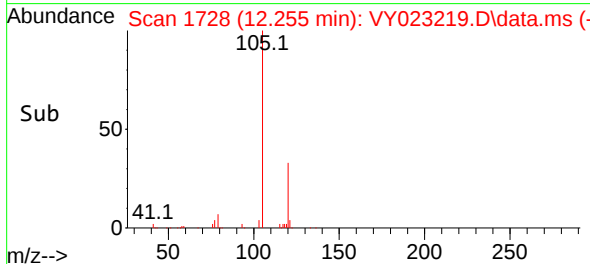
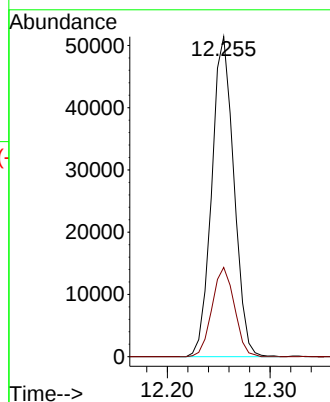
120 28.1 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025

Supervised By :Mahesh Dadoda 08/29/2025



#74

N-ethyl acetate

Concen: 3.017 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023219.D

Acq: 28 Aug 2025 12:22

Tgt Ion: 43 Resp: 13654

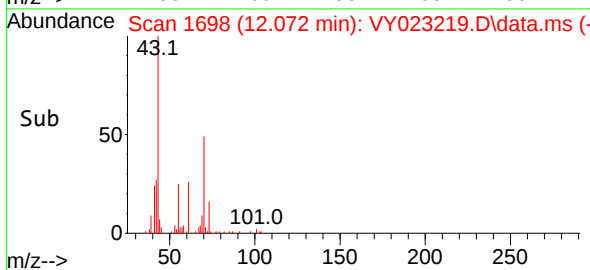
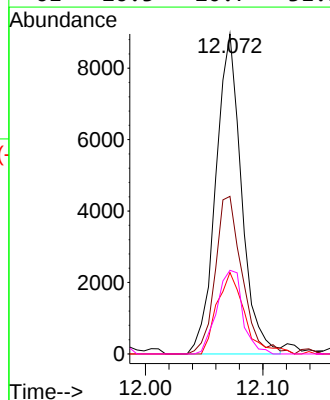
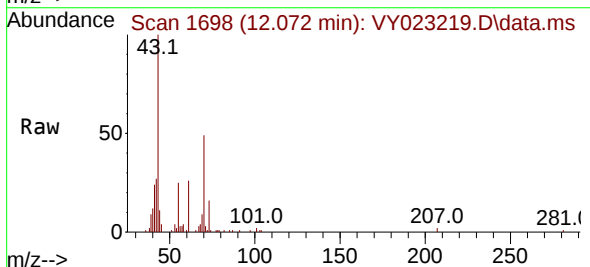
Ion Ratio Lower Upper

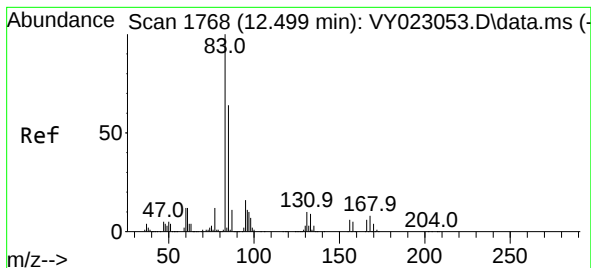
43 100

70 51.3 37.5 56.3

55 27.3 20.7 31.1

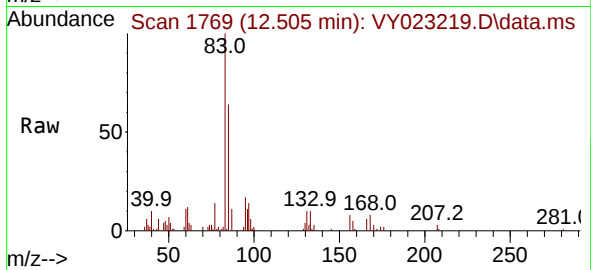
61 26.3 20.7 31.1





#75
1,1,2,2-Tetrachloroethane
Concen: 3.870 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

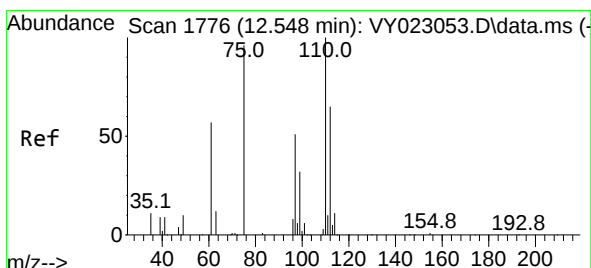
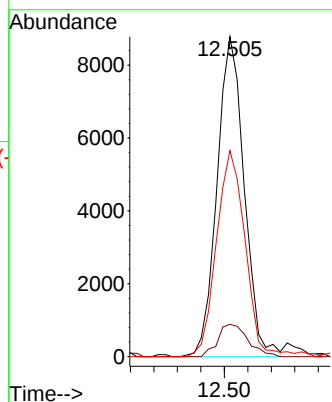
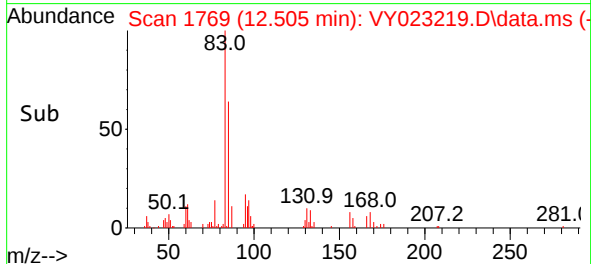
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



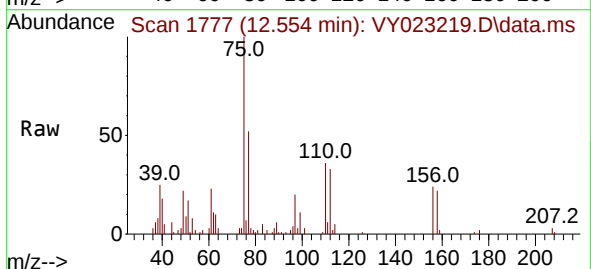
Tgt Ion: 83 Resp: 1410
Ion Ratio Lower Upper
83 100
131 11.2 5.1 15.3
85 68.3 31.8 95.3

Manual Integrations
APPROVED

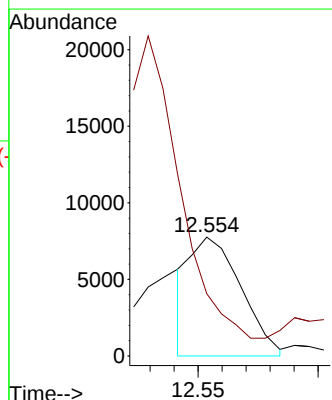
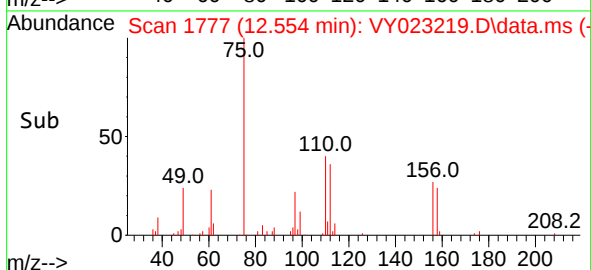
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

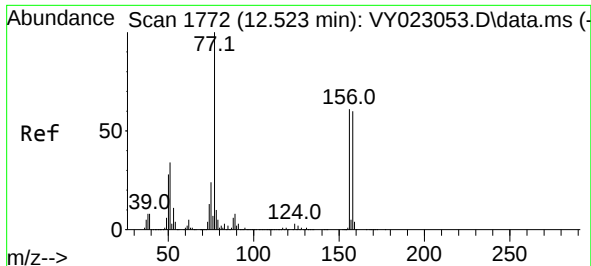


#76
1,2,3-Trichloropropane
Concen: 3.959 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22



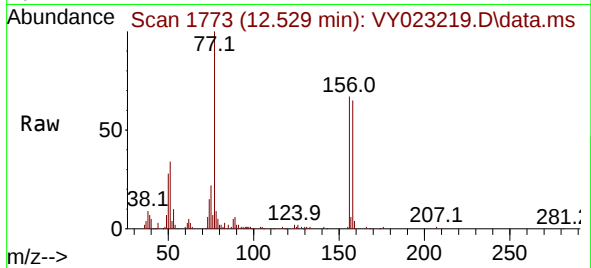
Tgt Ion: 75 Resp: 11552
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 4.215 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

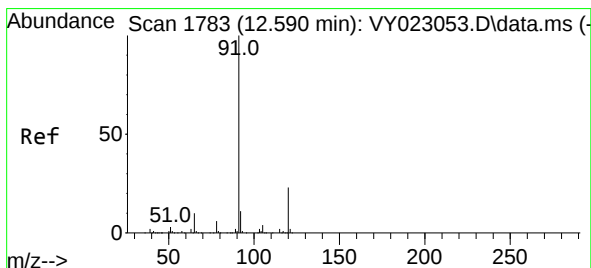
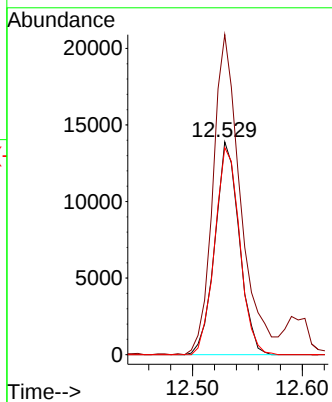
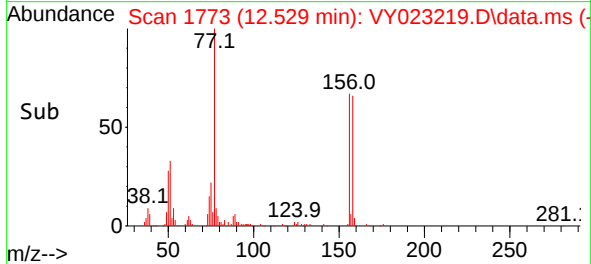
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 156 Resp: 21459
Ion Ratio Lower Upper
156 100
77 168.5 88.1 264.4
158 99.8 48.0 144.0

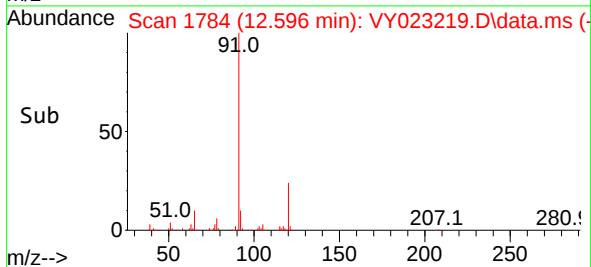
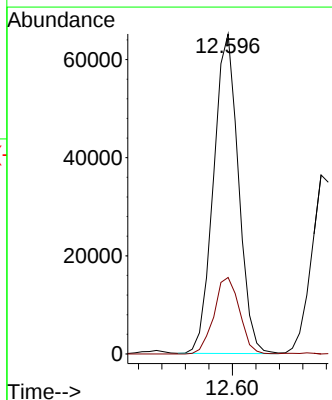
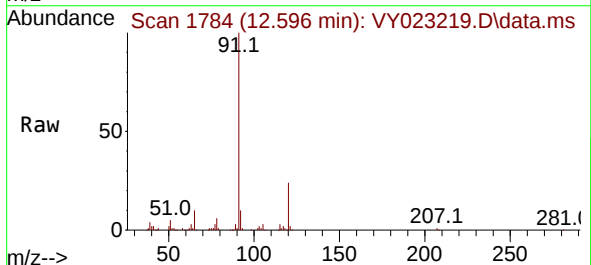
Manual Integrations
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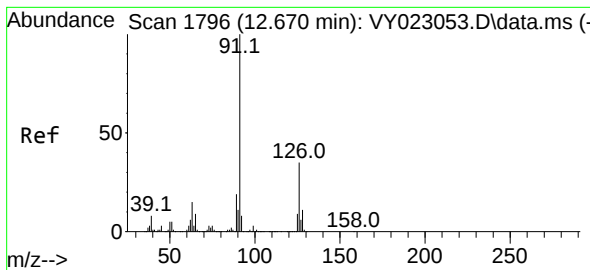
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#78
n-propylbenzene
Concen: 3.778 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

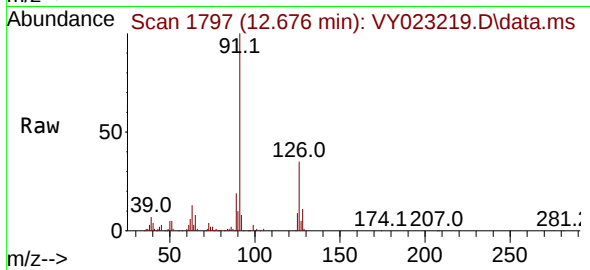
Tgt Ion: 91 Resp: 95987
Ion Ratio Lower Upper
91 100
120 24.4 11.5 34.5





#79
2-Chlorotoluene
Concen: 3.900 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

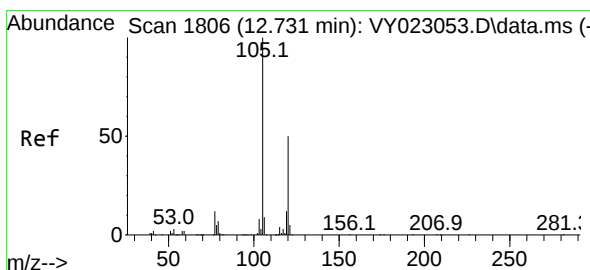
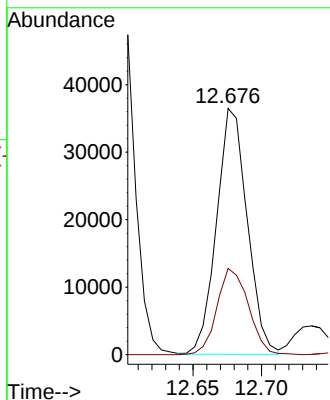
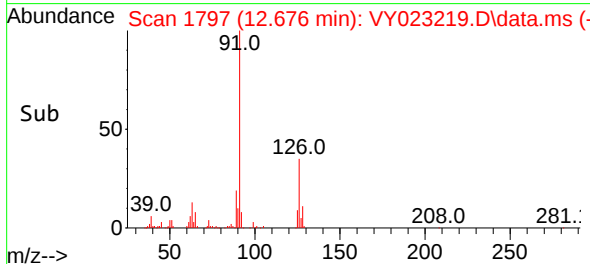
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



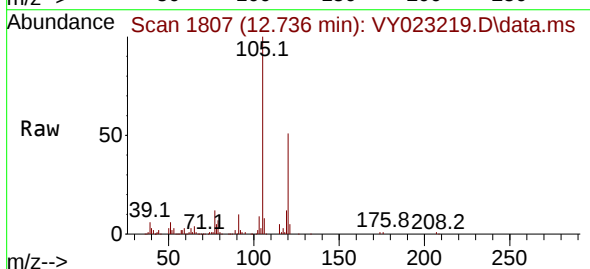
Tgt Ion: 91 Resp: 56780
Ion Ratio Lower Upper
91 100
126 35.9 17.4 52.3

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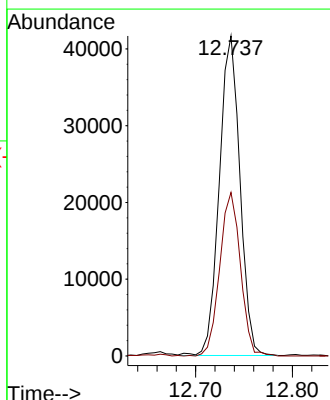
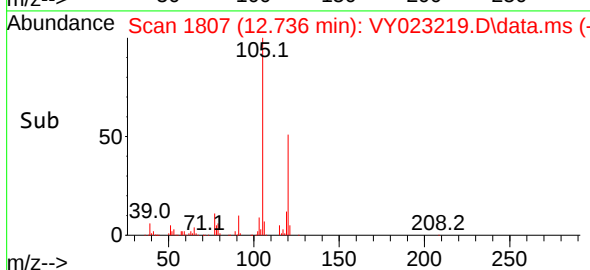
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

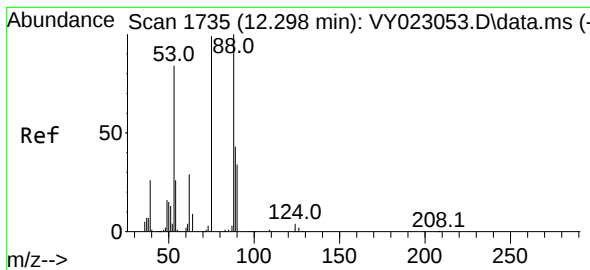


#80
1,3,5-Trimethylbenzene
Concen: 3.578 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22



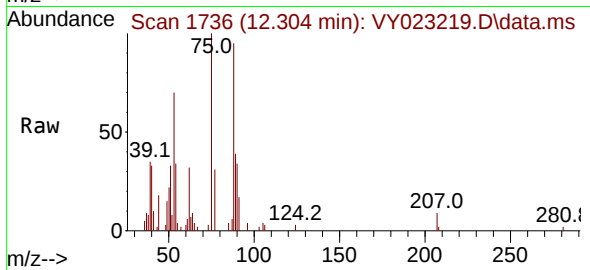
Tgt Ion:105 Resp: 61707
Ion Ratio Lower Upper
105 100
120 51.3 24.8 74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 3.659 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

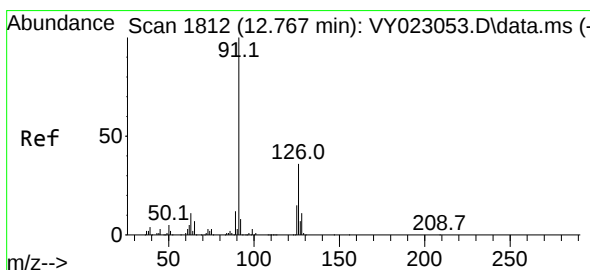
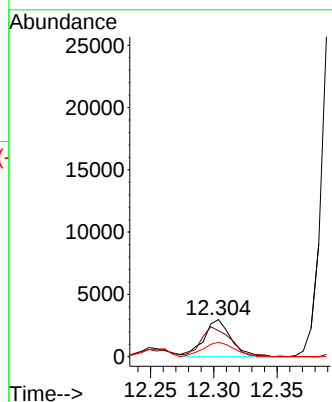
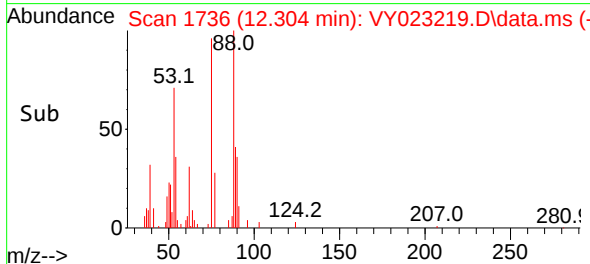
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 75 Resp: 441
Ion Ratio Lower Upper
75 100
53 89.5 70.8 106.2
89 44.7 38.1 57.1

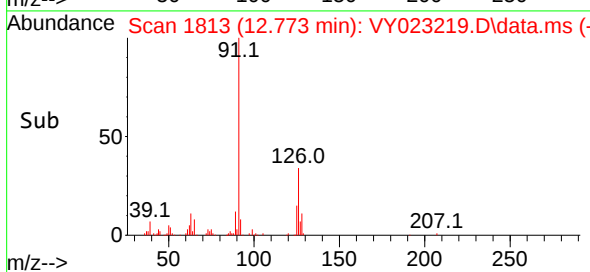
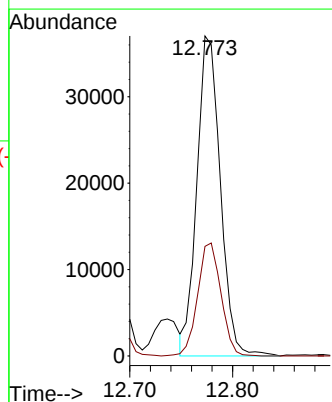
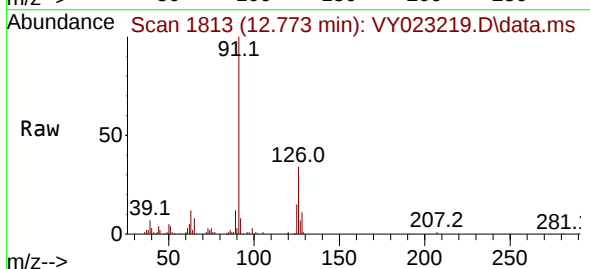
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#82
4-Chlorotoluene
Concen: 3.898 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

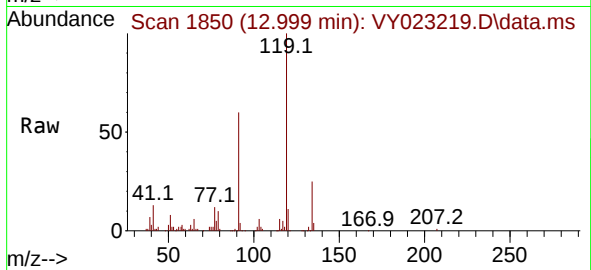
Tgt Ion: 91 Resp: 58865
Ion Ratio Lower Upper
91 100
126 35.1 17.3 52.0





#83
tert-Butylbenzene
Concen: 3.670 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

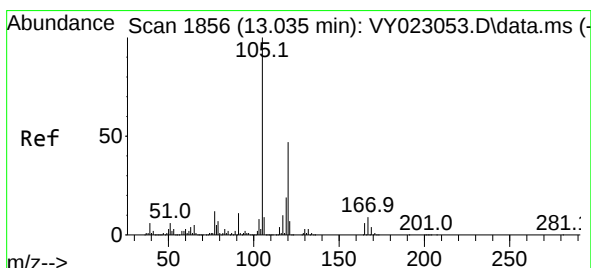
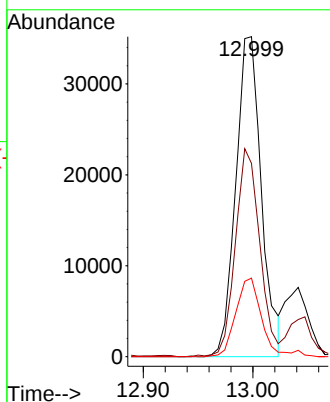
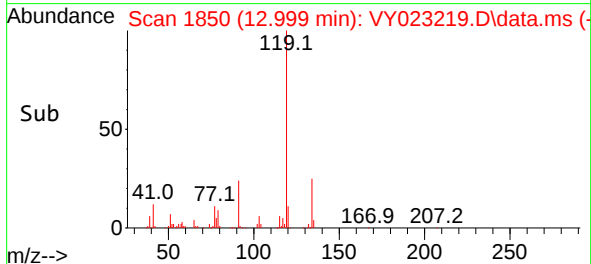
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



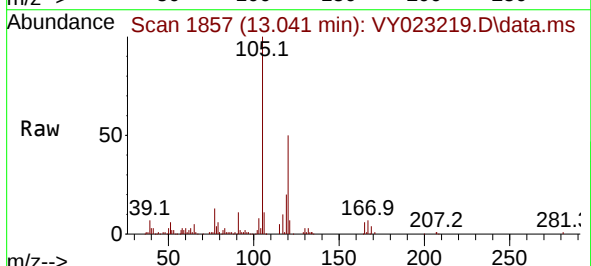
Tgt Ion:119 Resp: 57172
Ion Ratio Lower Upper
119 100
91 61.9 31.6 94.8
134 25.0 12.9 38.7

Manual Integrations
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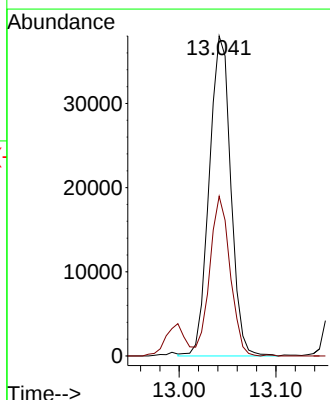
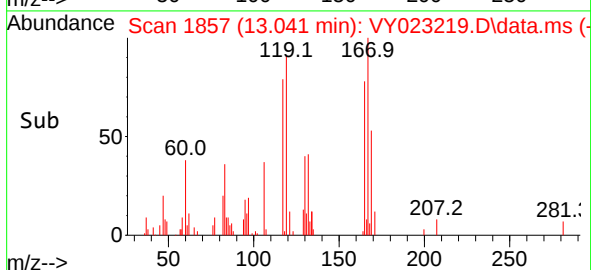
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

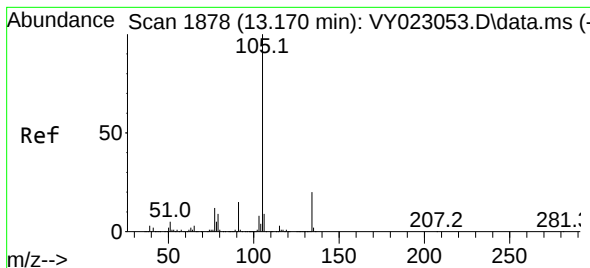


#84
1,2,4-Trimethylbenzene
Concen: 3.429 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22



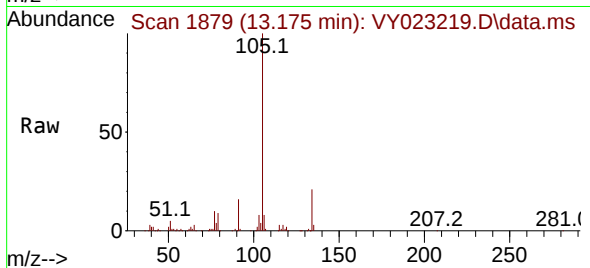
Tgt Ion:105 Resp: 58871
Ion Ratio Lower Upper
105 100
120 46.8 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 3.708 ug/l
 RT: 13.175 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023219.D
 Acq: 28 Aug 2025 12:22

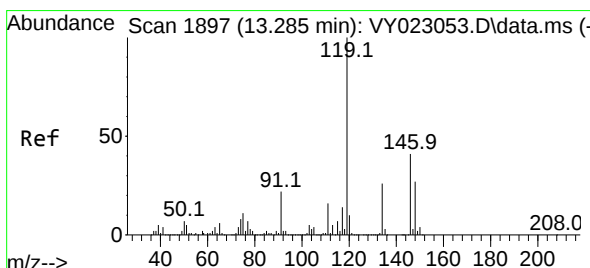
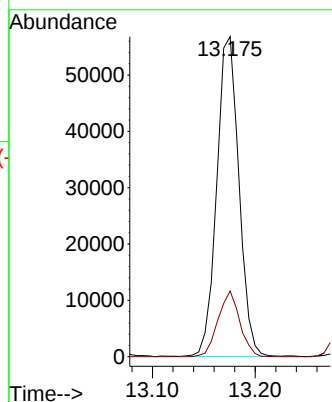
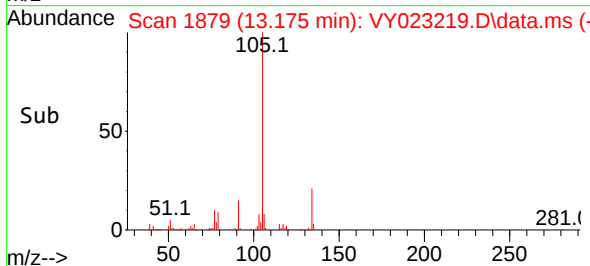
Instrument : MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025



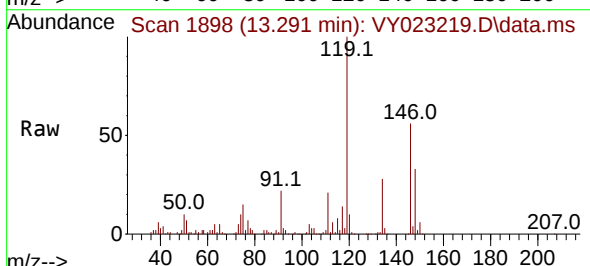
Tgt Ion:105 Resp: 84840
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4

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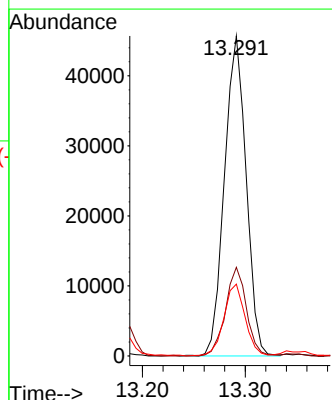
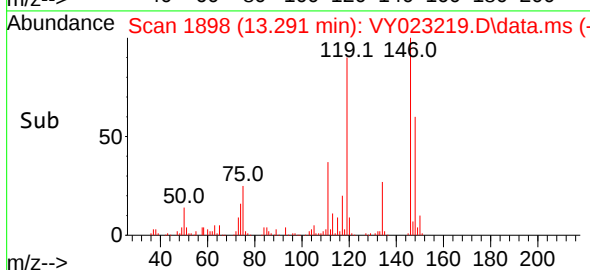
Reviewed By :Semsettin Yesilyurt 08/29/2025
 Supervised By :Mahesh Dadoda 08/29/2025

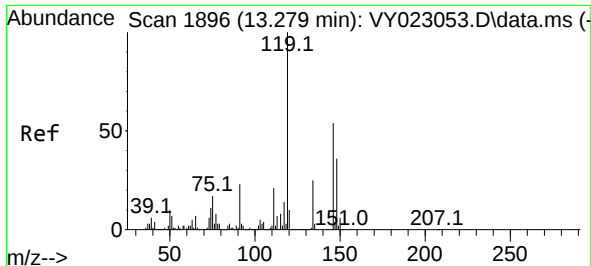


#86
 p-Isopropyltoluene
 Concen: 3.524 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023219.D
 Acq: 28 Aug 2025 12:22



Tgt Ion:119 Resp: 66929
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.6
 91 22.1 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 4.191 ug/l

RT: 13.285 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023219.D

Acq: 28 Aug 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

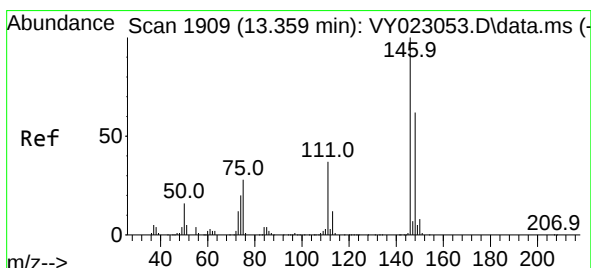
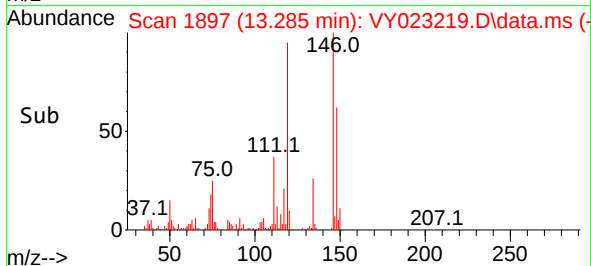
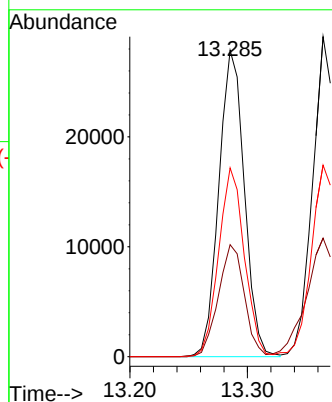
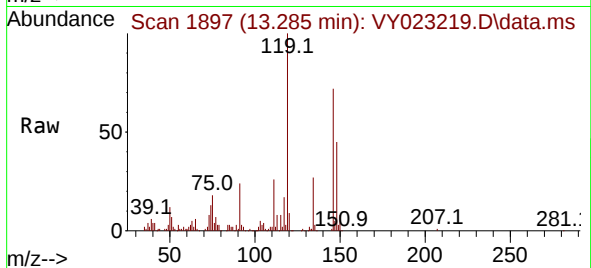
Tgt Ion:146	Resp:	4208
Ion Ratio	Lower	Upper
146	100	
111	37.3	19.6 58.7
148	62.3	32.5 97.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/29/2025

Supervised By :Mahesh Dadoda 08/29/2025



#88

1,4-Dichlorobenzene

Concen: 4.271 ug/l

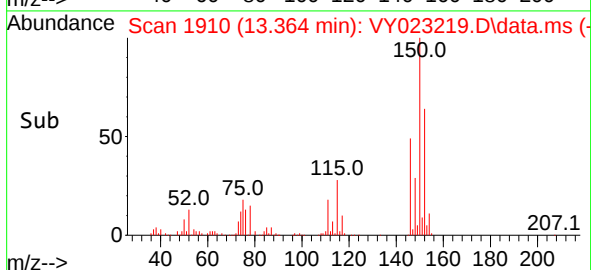
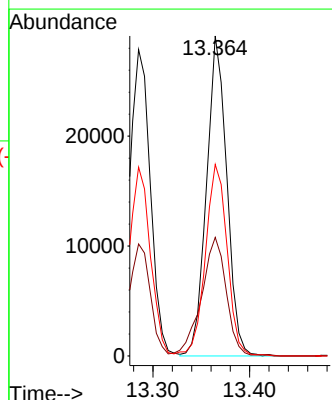
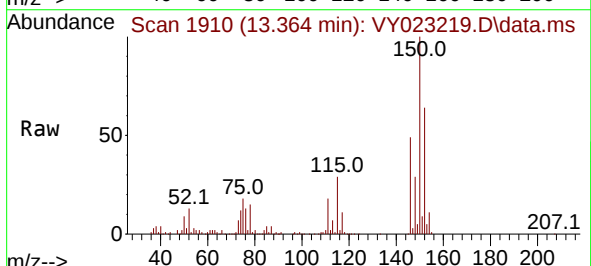
RT: 13.364 min Scan# 1910

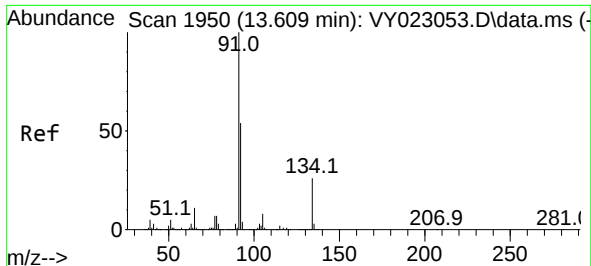
Delta R.T. 0.006 min

Lab File: VY023219.D

Acq: 28 Aug 2025 12:22

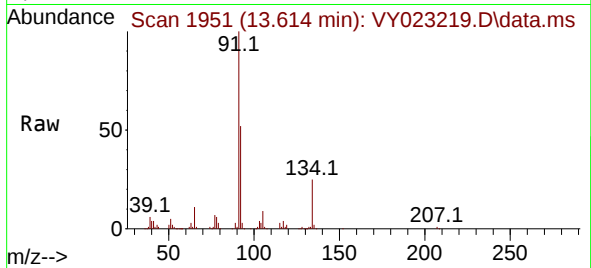
Tgt Ion:146	Resp:	42536
Ion Ratio	Lower	Upper
146	100	
111	44.4	19.1 57.1
148	64.3	31.6 94.7





#89
n-Butylbenzene
Concen: 3.566 ug/l
RT: 13.614 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

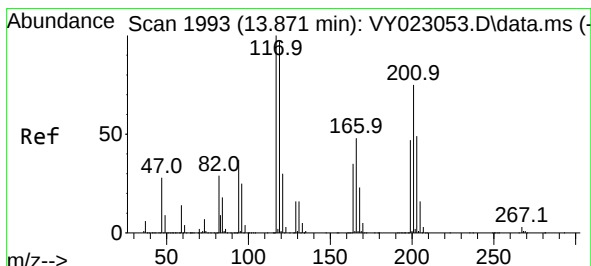
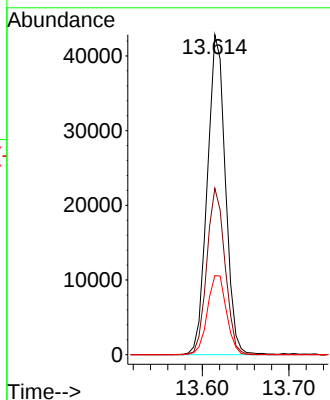
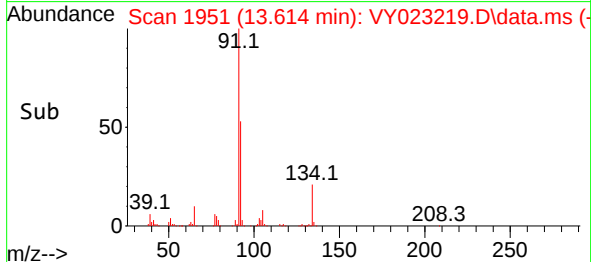
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 91 Resp: 62215
Ion Ratio Lower Upper
91 100
92 52.0 26.9 80.7
134 26.1 13.2 39.5

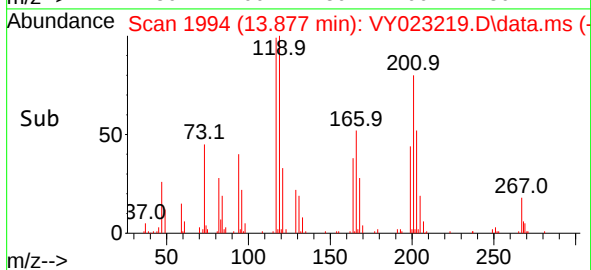
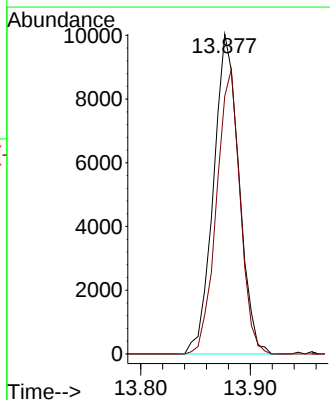
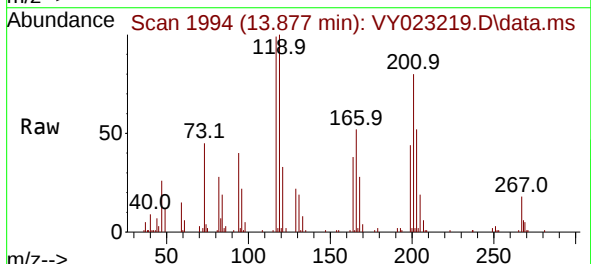
Manual Integrations
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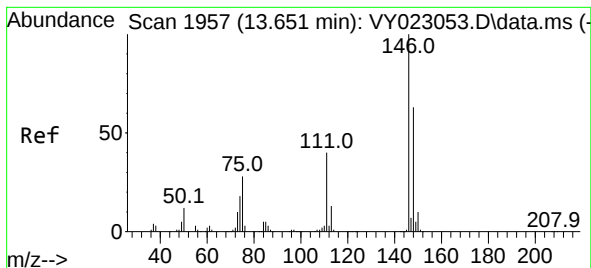
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#90
Hexachloroethane
Concen: 4.176 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

Tgt Ion:117 Resp: 16239
Ion Ratio Lower Upper
117 100
201 82.5 38.4 115.1





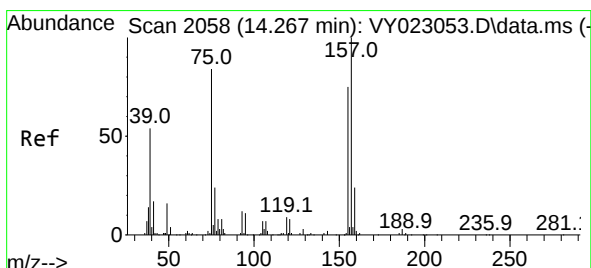
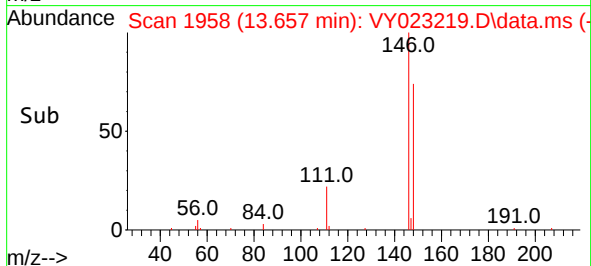
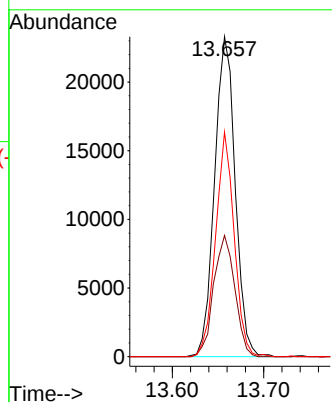
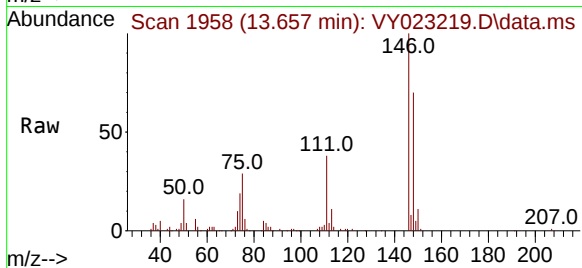
#91
1,2-Dichlorobenzene
Concen: 4.152 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

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

Tgt Ion:146 Resp: 3656
Ion Ratio Lower Upper
146 100
111 38.7 20.3 60.8
148 63.6 32.2 96.6

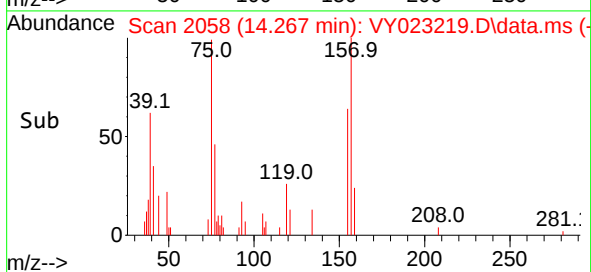
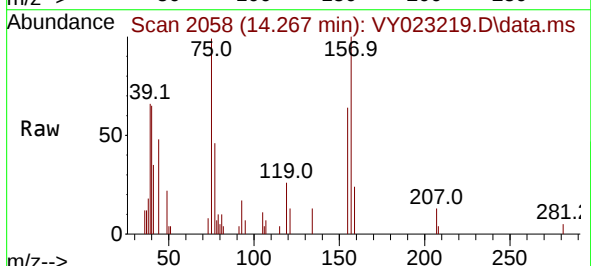
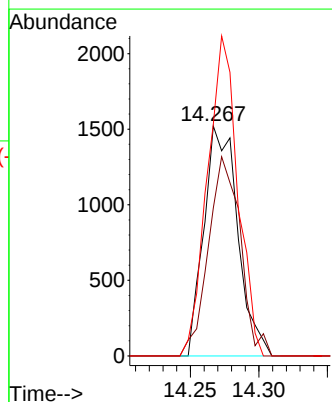
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.572 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

Tgt Ion: 75 Resp: 2594
Ion Ratio Lower Upper
75 100
155 82.5 43.9 131.6
157 125.7 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 3.780 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023219.D

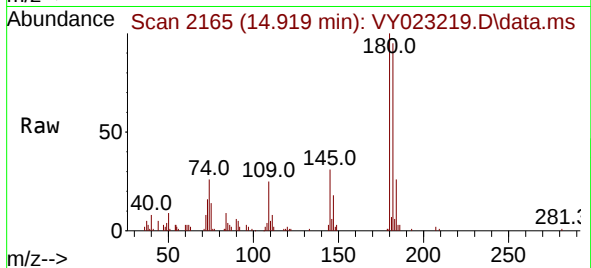
Acq: 28 Aug 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025



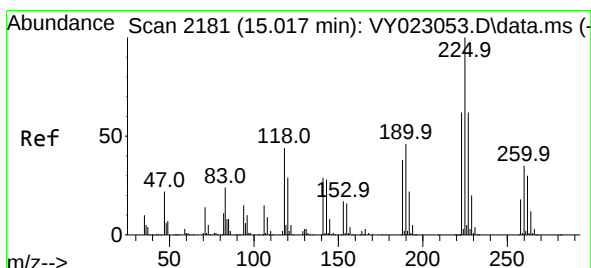
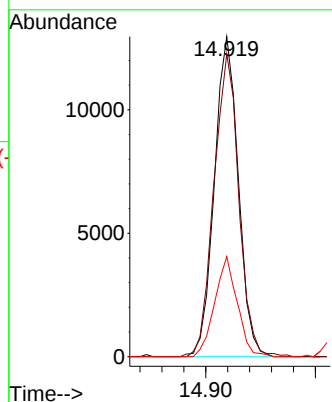
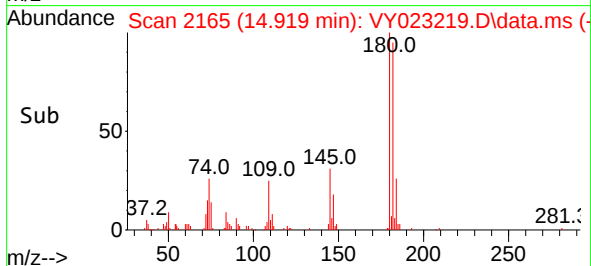
Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	46.8	140.4
145	29.5	14.4	43.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025

Supervised By :Mahesh Dadoda 08/29/2025



#94

Hexachlorobutadiene

Concen: 4.488 ug/l

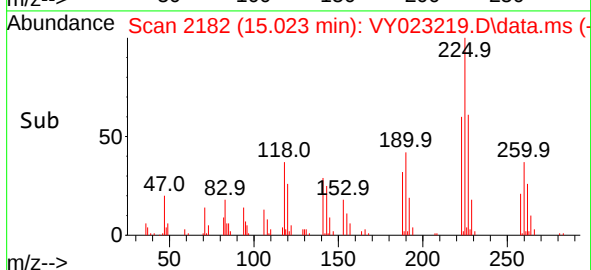
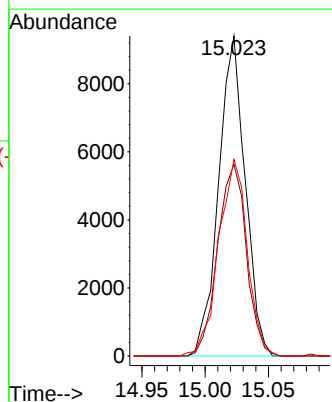
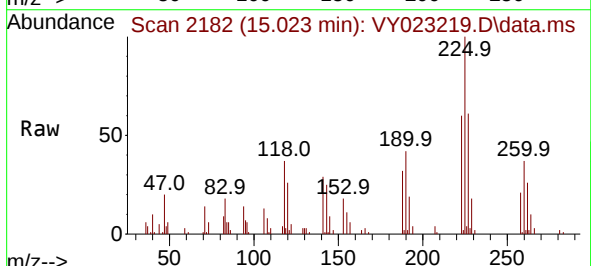
RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023219.D

Acq: 28 Aug 2025 12:22

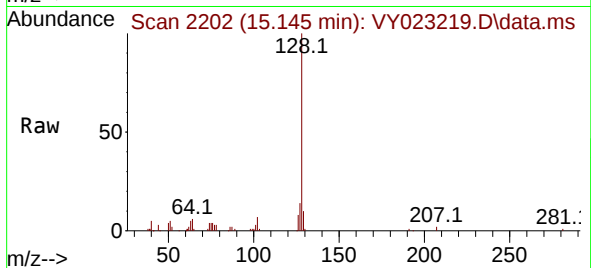
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.3	93.8
227	66.2	31.5	94.5





#95
Naphthalene
Concen: 3.173 ug/l
RT: 15.145 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22

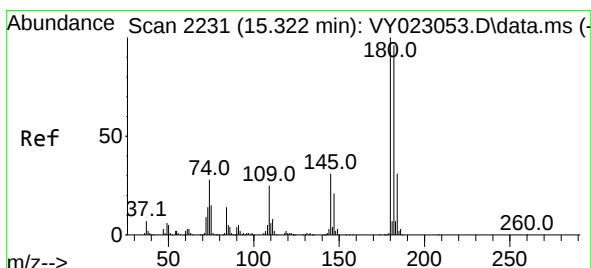
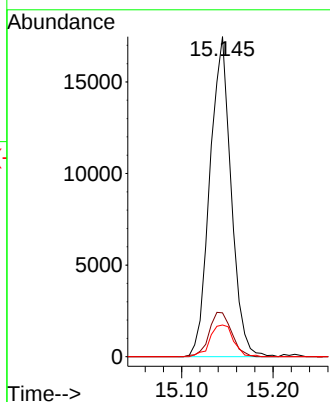
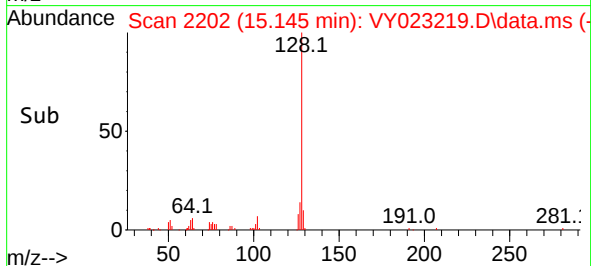
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



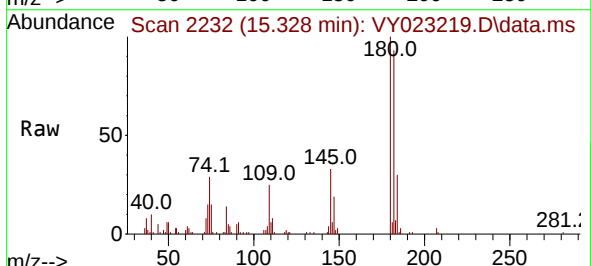
Tgt Ion:128 Resp: 2817
Ion Ratio Lower Upper
128 100
127 14.7 10.4 15.6
129 10.9 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 3.761 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY023219.D
Acq: 28 Aug 2025 12:22



Tgt Ion:180 Resp: 16876
Ion Ratio Lower Upper
180 100
182 98.7 47.9 143.7
145 34.9 15.9 47.7

