

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
 Data File : VW032424.D
 Acq On : 11 Nov 2025 12:49
 Operator : SY/MD
 Sample : Q3530-02
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

Quant Time: Nov 12 03:47:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	394711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	756099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	684246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	326789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	267105	52.489	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 104.980%			
35) Dibromofluoromethane	7.904	113	228562	50.489	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 100.980%			
50) Toluene-d8	10.325	98	891109	51.311	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 102.620%			
62) 4-Bromofluorobenzene	12.617	95	330155	50.325	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 100.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	10384m	5.185	ug/l	
3) Chloromethane	2.253	50	19680	5.733	ug/l	98
4) Vinyl Chloride	2.405	62	22961	5.300	ug/l	92
5) Bromomethane	2.826	94	16203	5.591	ug/l	97
6) Chloroethane	2.966	64	15451	5.451	ug/l	94
7) Trichlorofluoromethane	3.308	101	17181	5.058	ug/l #	83
8) Diethyl Ether	3.722	74	15338	5.523	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.119	101	21099	5.703	ug/l	99
10) Methyl Iodide	4.314	142	31403	5.270	ug/l	98
11) Tert butyl alcohol	5.216	59	11942	27.139	ug/l #	82
12) 1,1-Dichloroethene	4.076	96	21945	5.173	ug/l	98
13) Acrolein	3.930	56	18497	25.054	ug/l	100
14) Allyl chloride	4.710	41	41768	5.119	ug/l	99
15) Acrylonitrile	5.411	53	39015	24.300	ug/l	99
16) Acetone	4.173	43	41427	27.211	ug/l	97
17) Carbon Disulfide	4.423	76	64948	5.180	ug/l	98
18) Methyl Acetate	4.716	43	17981	4.769	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	46339	5.182	ug/l	96
20) Methylene Chloride	4.954	84	35239	6.472	ug/l	94
21) trans-1,2-Dichloroethene	5.466	96	25760	5.310	ug/l	95
22) Diisopropyl ether	6.344	45	85528	5.149	ug/l	98
23) Vinyl Acetate	6.289	43	265590	23.336	ug/l	99
24) 1,1-Dichloroethane	6.252	63	47942	5.268	ug/l	99
25) 2-Butanone	7.197	43	53055	23.654	ug/l	98
26) 2,2-Dichloropropane	7.191	77	29147	5.746	ug/l	95
27) cis-1,2-Dichloroethene	7.191	96	30078	5.189	ug/l	93
28) Bromochloromethane	7.533	49	22973	5.341	ug/l	99
29) Tetrahydrofuran	7.557	42	32011	22.486	ug/l	97
30) Chloroform	7.697	83	48390	5.431	ug/l	98
31) Cyclohexane	7.972	56	48597	5.773	ug/l #	78
32) 1,1,1-Trichloroethane	7.886	97	34503	5.421	ug/l	96
36) 1,1-Dichloropropene	8.100	75	33291	4.991	ug/l	99
37) Ethyl Acetate	7.277	43	24369m	4.913	ug/l	
38) Carbon Tetrachloride	8.081	117	29747	5.019	ug/l	93
39) Methylcyclohexane	9.343	83	40935	4.737	ug/l	92
40) Benzene	8.337	78	110460	5.143	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	11750	4.313	ug/l #	96
42) 1,2-Dichloroethane	8.410	62	32244	5.111	ug/l	97
43) Isopropyl Acetate	8.435	43	39149	4.458	ug/l	97
44) Trichloroethene	9.105	130	24201	4.842	ug/l	95
45) 1,2-Dichloropropane	9.380	63	27911	5.218	ug/l	96
46) Dibromomethane	9.471	93	15744	5.037	ug/l	98
47) Bromodichloromethane	9.654	83	35404	4.966	ug/l	94
48) Methyl methacrylate	9.447	41	16874	4.043	ug/l #	91
49) 1,4-Dioxane	9.471	88	3957m	90.375	ug/l	
51) 4-Methyl-2-Pentanone	10.215	43	108742	22.398	ug/l	98
52) Toluene	10.392	92	68700	5.178	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	33830	4.607	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	40330	4.750	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	21345	4.978	ug/l	98
56) Ethyl methacrylate	10.648	69	29174	4.435	ug/l	97
57) 1,3-Dichloropropane	10.934	76	38558	5.035	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	76404	21.808	ug/l	100
59) 2-Hexanone	10.971	43	76543	21.549	ug/l	95
60) Dibromochloromethane	11.129	129	22554	4.710	ug/l	100
61) 1,2-Dibromoethane	11.239	107	20394	4.884	ug/l	99
64) Tetrachloroethene	10.867	164	20566	5.076	ug/l	95
65) Chlorobenzene	11.660	112	74119	5.026	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.733	131	21762	4.768	ug/l	96
67) Ethyl Benzene	11.733	91	120043	4.704	ug/l	98
68) m/p-Xylenes	11.843	106	92872	9.693	ug/l	99
69) o-Xylene	12.166	106	43269	4.717	ug/l	98
70) Styrene	12.184	104	73138	4.635	ug/l	98
71) Bromoform	12.349	173	11674	4.318	ug/l #	100
73) Isopropylbenzene	12.465	105	105656	4.402	ug/l	99
74) N-amyl acetate	12.270	43	33354	3.999	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	27819	4.884	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	20786m	4.639	ug/l	
77) Bromobenzene	12.745	156	27843	4.900	ug/l	97
78) n-propylbenzene	12.800	91	139169	4.761	ug/l	99
79) 2-Chlorotoluene	12.891	91	86338	4.839	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	91880	4.640	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	7294	3.728	ug/l #	84
82) 4-Chlorotoluene	12.989	91	90717	4.888	ug/l	98
83) tert-Butylbenzene	13.202	119	77398	4.494	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	91590	4.548	ug/l	99
85) sec-Butylbenzene	13.379	105	116408	4.538	ug/l	99
86) p-Isopropyltoluene	13.495	119	98445	4.648	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	55852	5.184	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	55255	5.006	ug/l	90
89) n-Butylbenzene	13.818	91	96507	4.664	ug/l	98
90) Hexachloroethane	14.086	117	18170	4.758	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	50830	5.139	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.483	75	3861	3.935	ug/l	95
93) 1,2,4-Trichlorobenzene	15.129	180	29967	4.761	ug/l	97
94) Hexachlorobutadiene	15.226	225	13347	5.105	ug/l	96
95) Naphthalene	15.360	128	61851	3.941	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	26358	4.613	ug/l	93

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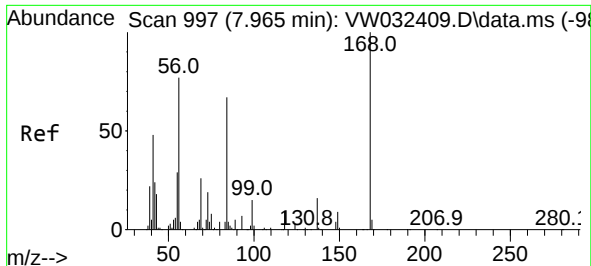
Manual Integrations
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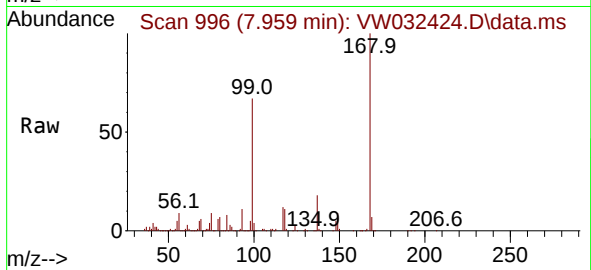
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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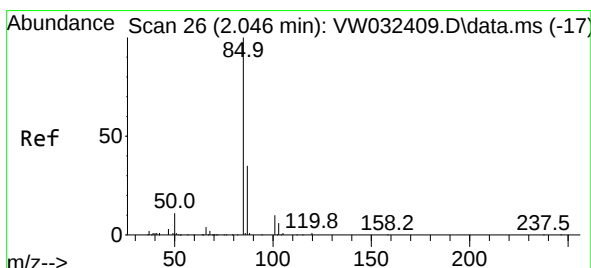
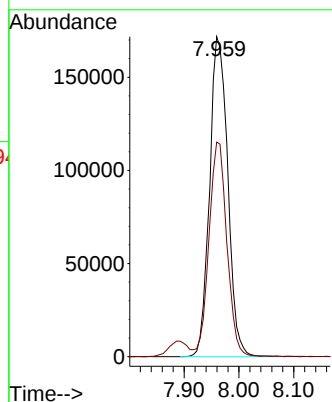
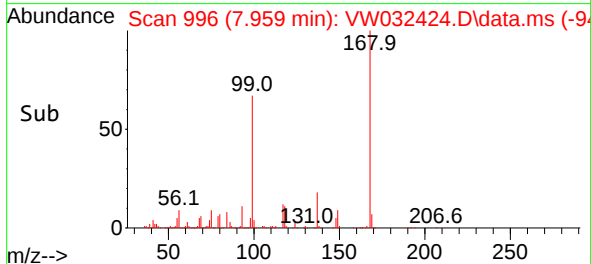
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



Tgt Ion:168 Resp: 39471
Ion Ratio Lower Upper
168 100
99 66.9 45.4 68.2

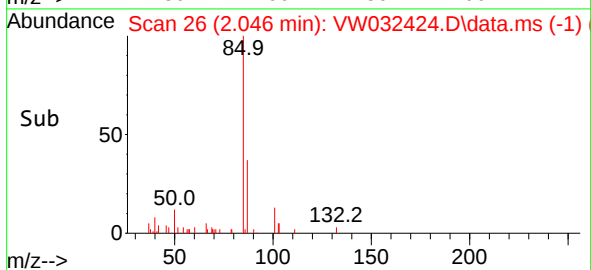
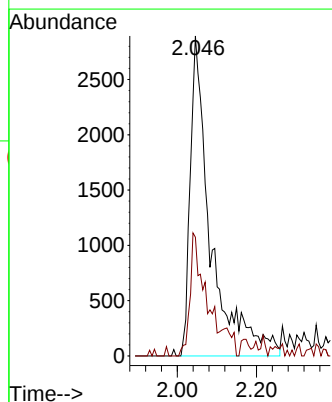
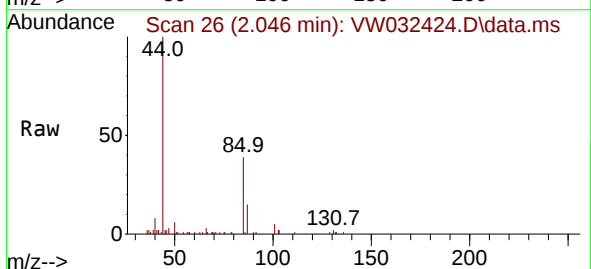
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#2
Dichlorodifluoromethane
Concen: 5.185 ug/l m
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

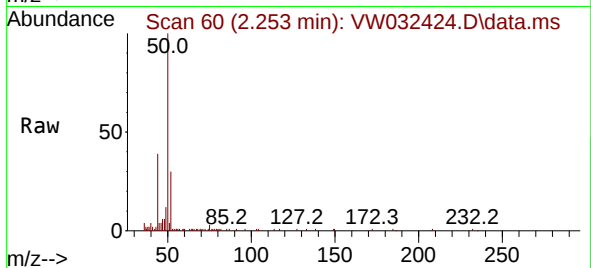
Tgt Ion: 85 Resp: 10384
Ion Ratio Lower Upper
85 100
87 37.1 17.4 52.2





#3
Chloromethane
Concen: 5.733 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

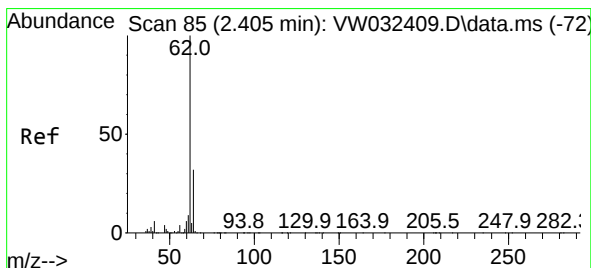
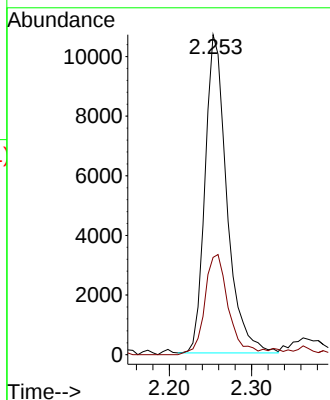
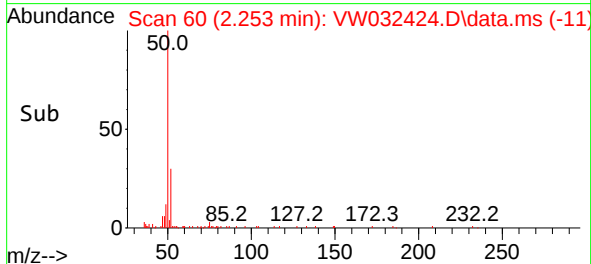
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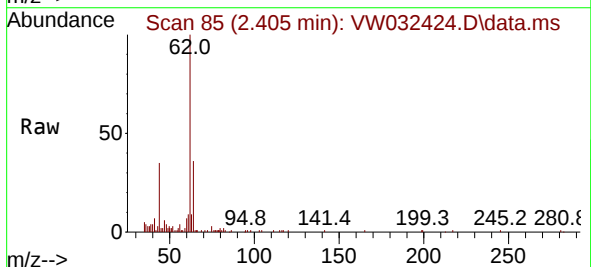
Tgt Ion: 50 Resp: 19680
Ion Ratio Lower Upper
50 100
52 30.5 25.5 38.3

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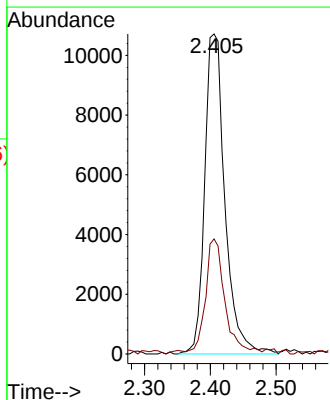
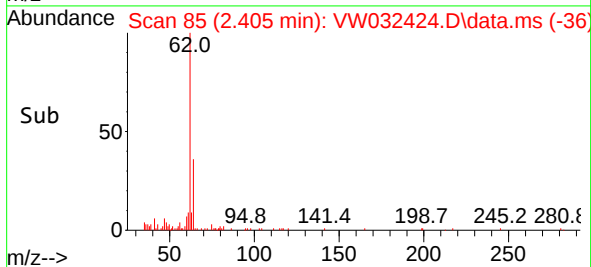
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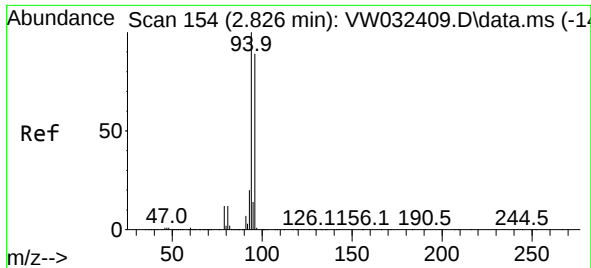


#4
Vinyl Chloride
Concen: 5.300 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49



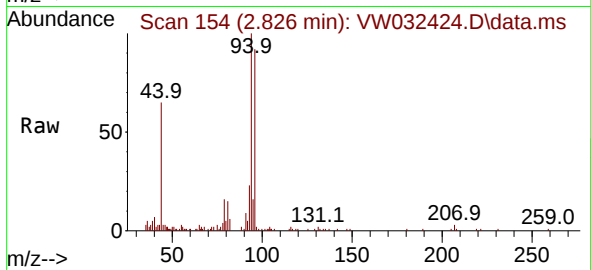
Tgt Ion: 62 Resp: 22961
Ion Ratio Lower Upper
62 100
64 36.0 25.2 37.8





#5
Bromomethane
Concen: 5.591 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

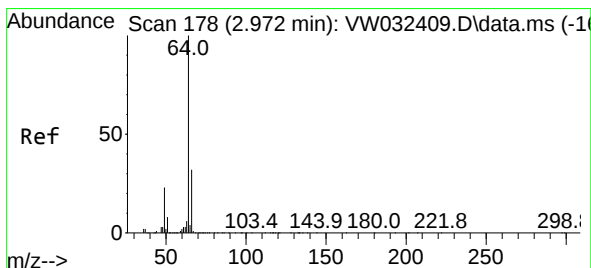
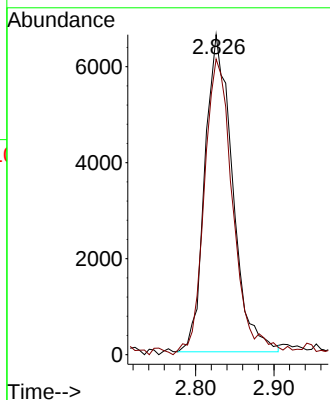
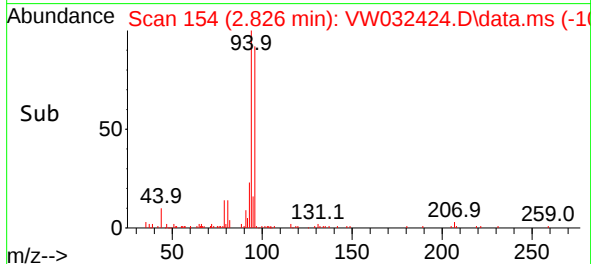
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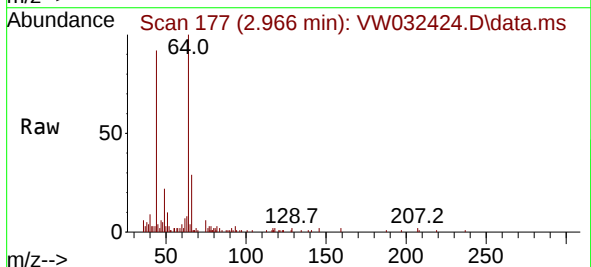
Tgt Ion: 94 Resp: 1620
Ion Ratio Lower Upper
94 100
96 91.8 71.4 107.2

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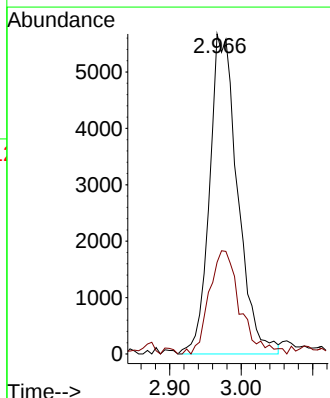
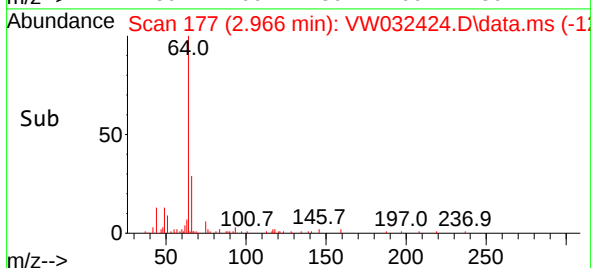
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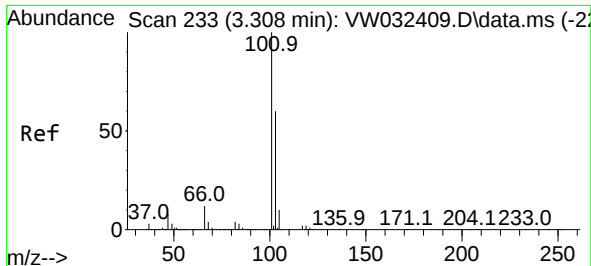


#6
Chloroethane
Concen: 5.451 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49



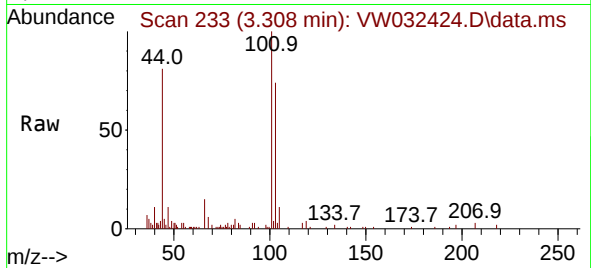
Tgt Ion: 64 Resp: 15451
Ion Ratio Lower Upper
64 100
66 28.7 25.6 38.4





#7
 Trichlorofluoromethane
 Concen: 5.058 ug/l
 RT: 3.308 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VW032424.D
 Acq: 11 Nov 2025 12:49

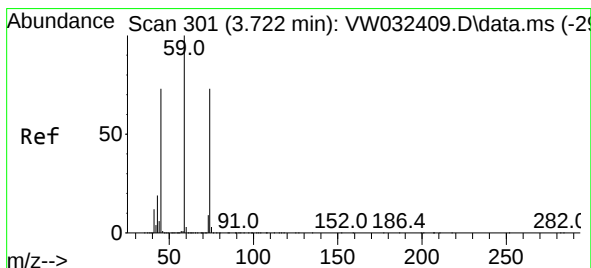
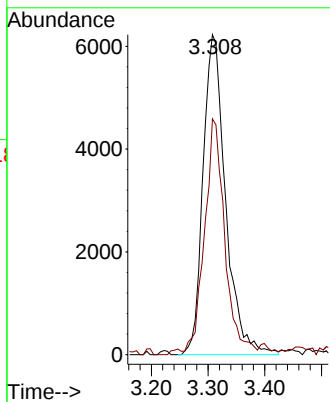
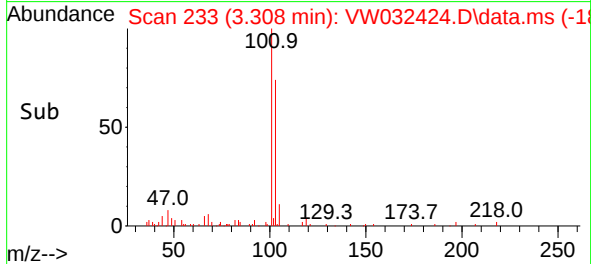
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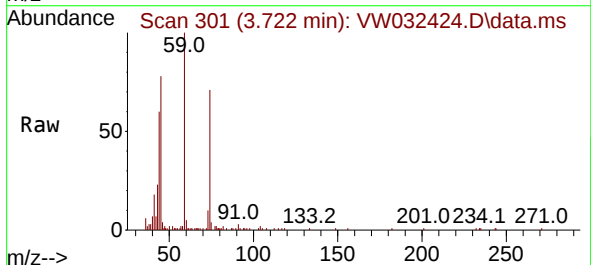
Tgt Ion:101 Resp: 1718
 Ion Ratio Lower Upper
 101 100
 103 72.8 48.0 72.0

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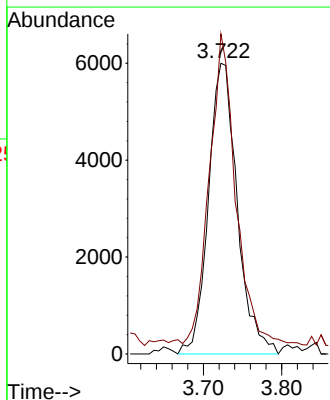
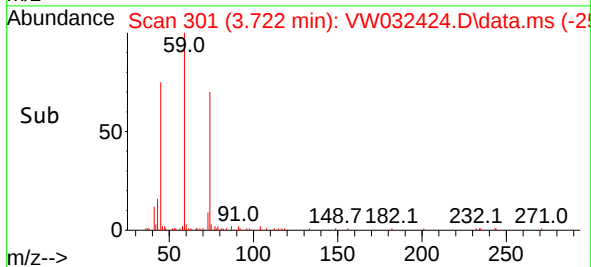
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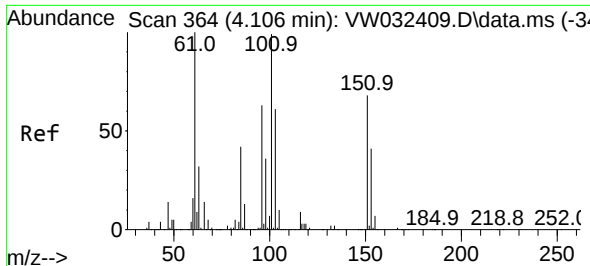


#8
 Diethyl Ether
 Concen: 5.523 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 15338
 Ion Ratio Lower Upper
 74 100
 45 98.3 51.8 155.4





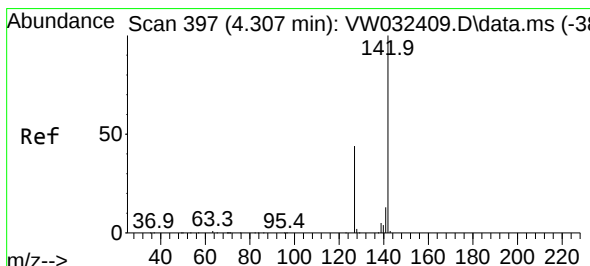
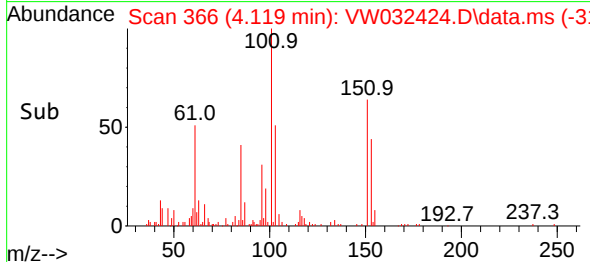
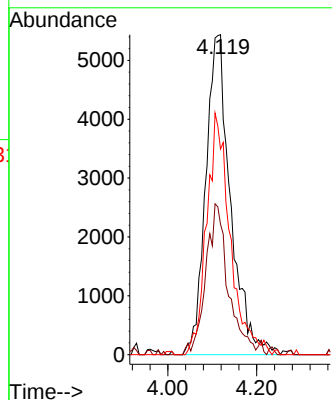
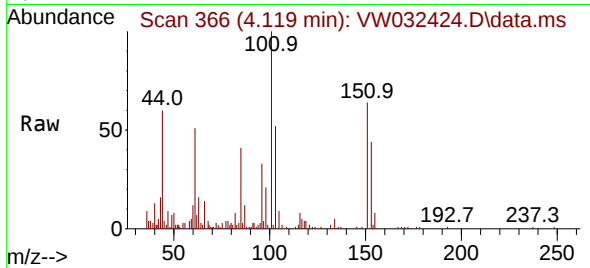
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.703 ug/l
RT: 4.119 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025

Tgt Ion:101 Resp: 21099
Ion Ratio Lower Upper
101 100
85 42.6 34.1 51.1
151 71.4 56.4 84.6

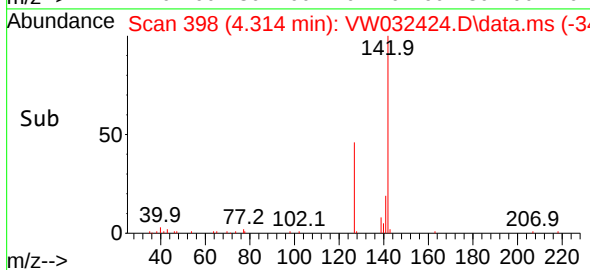
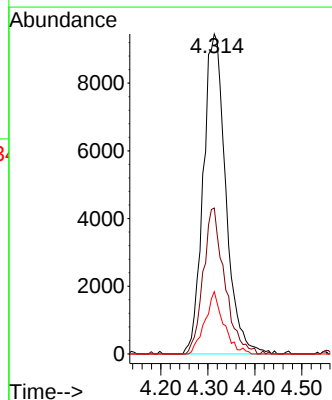
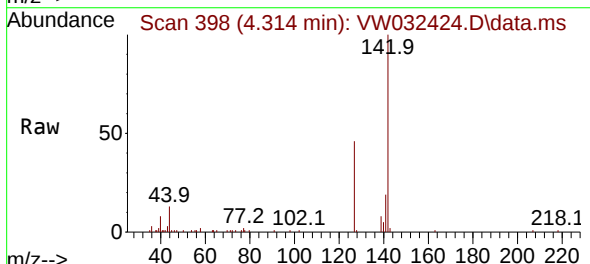
Manual Integrations
APPROVED

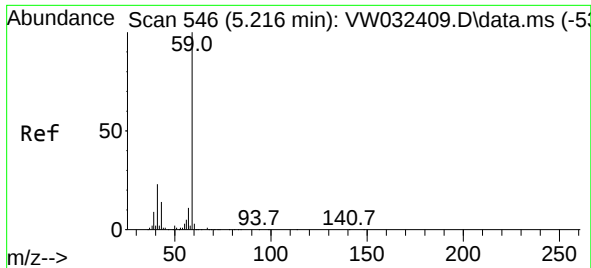
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#10
Methyl Iodide
Concen: 5.270 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

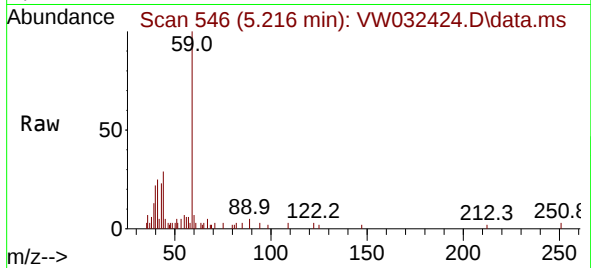
Tgt Ion:142 Resp: 31403
Ion Ratio Lower Upper
142 100
127 43.4 34.2 51.2
141 16.3 11.8 17.8





#11
Tert butyl alcohol
Concen: 27.139 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

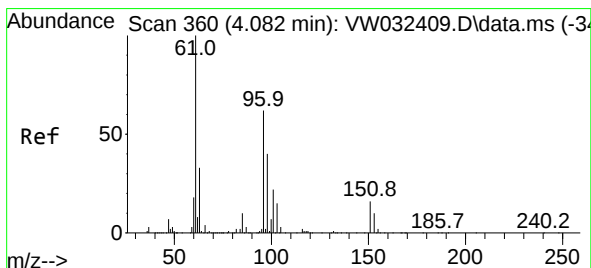
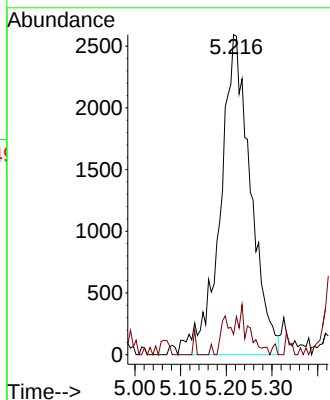
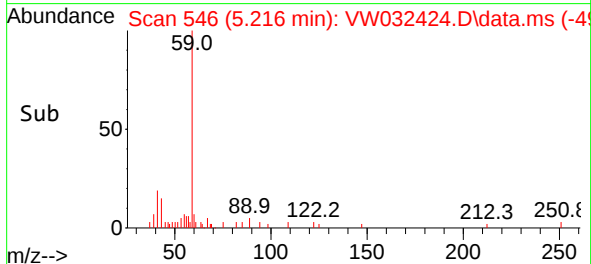
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



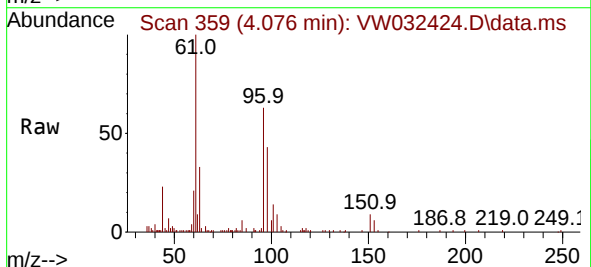
Tgt Ion: 59 Resp: 1194
Ion Ratio Lower Upper
59 100
57 4.0 8.6 12.8

Manual Integrations
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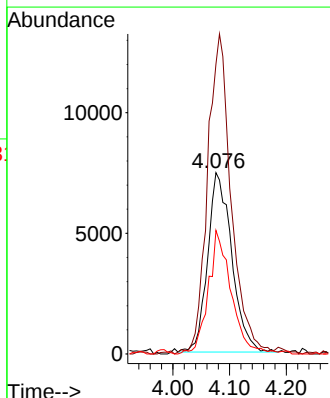
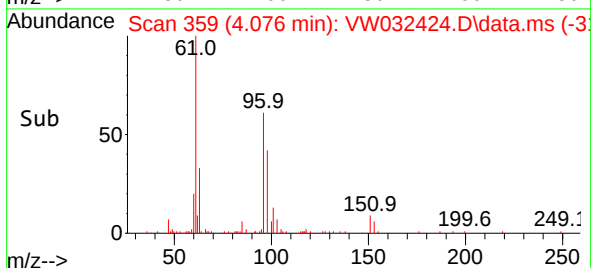
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

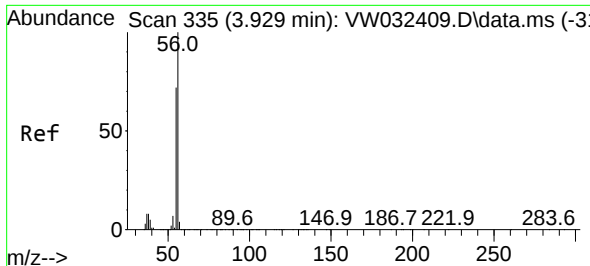


#12
1,1-Dichloroethene
Concen: 5.173 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49



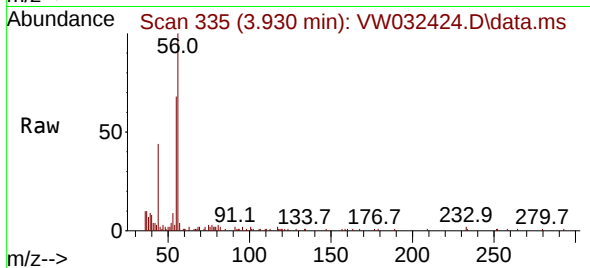
Tgt Ion: 96 Resp: 21945
Ion Ratio Lower Upper
96 100
61 160.8 129.0 193.6
98 68.9 51.1 76.7





#13
Acrolein
Concen: 25.054 ug/l
RT: 3.930 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

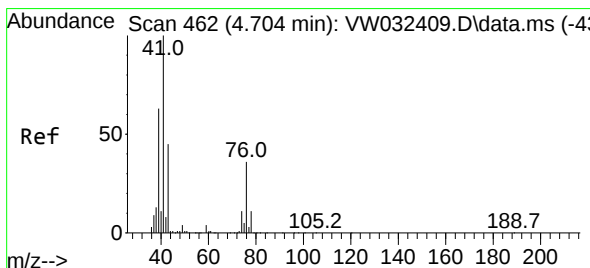
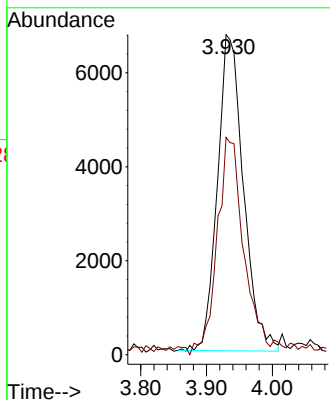
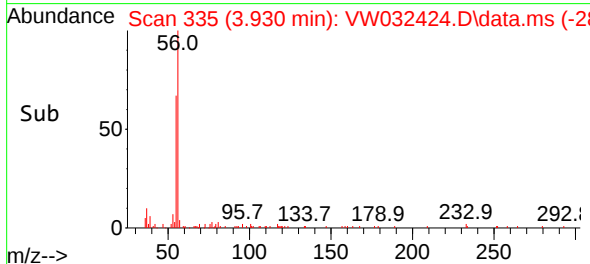
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



Tgt Ion: 56 Resp: 1849
Ion Ratio Lower Upper
56 100
55 70.1 56.3 84.5

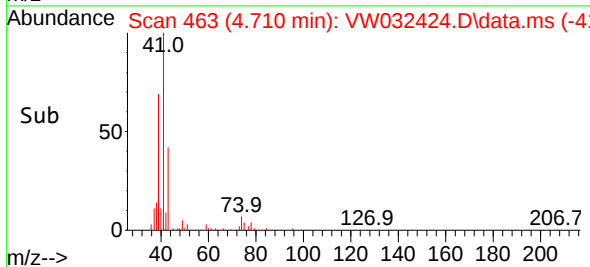
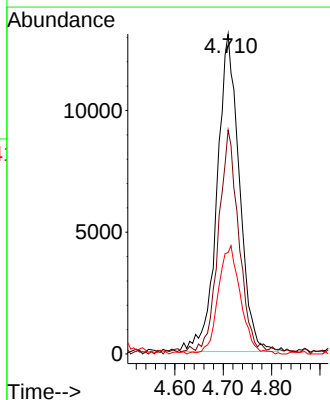
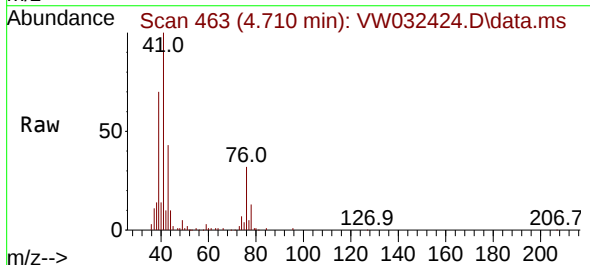
Manual Integrations
APPROVED

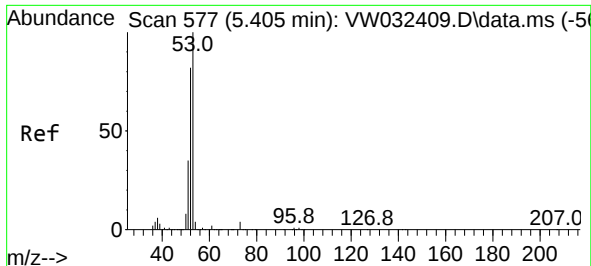
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#14
Allyl chloride
Concen: 5.119 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

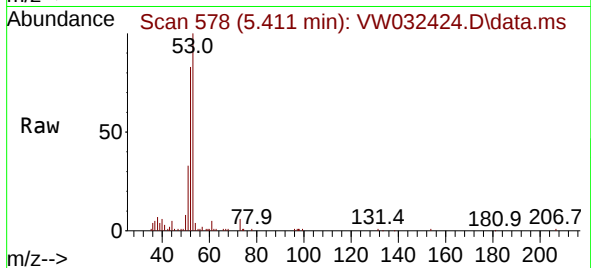
Tgt Ion: 41 Resp: 41768
Ion Ratio Lower Upper
41 100
39 62.9 50.2 75.2
76 34.4 27.0 40.6





#15
Acrylonitrile
Concen: 24.300 ug/l
RT: 5.411 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

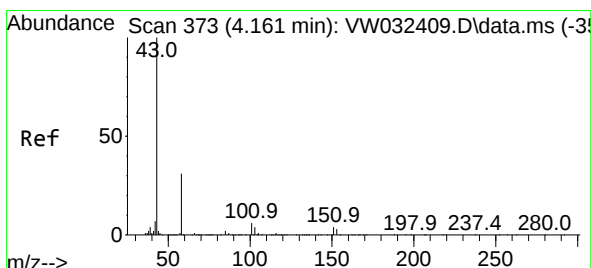
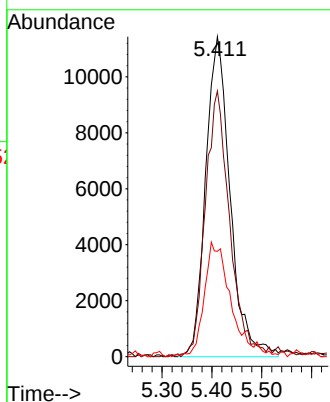
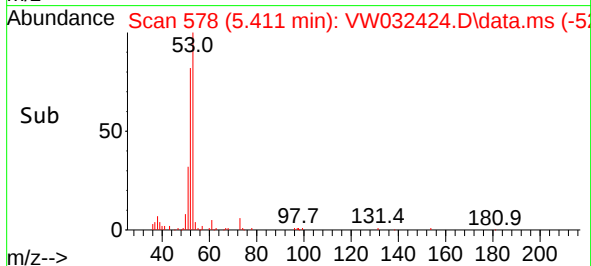
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



Tgt Ion: 53 Resp: 3901
Ion Ratio Lower Upper
53 100
52 82.4 66.4 99.6
51 37.4 28.6 43.0

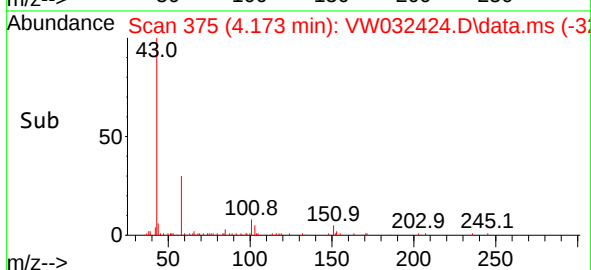
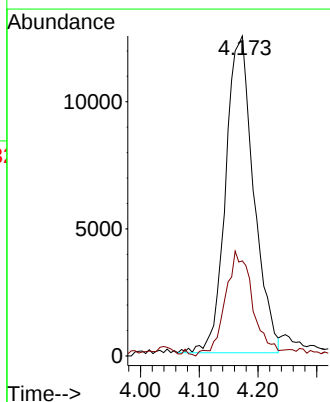
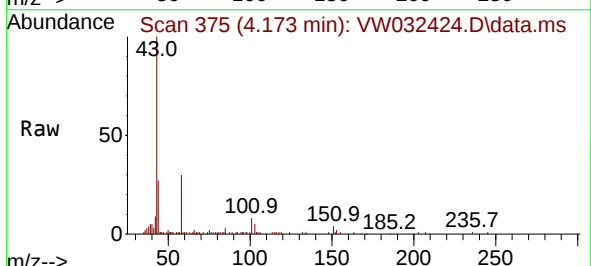
Manual Integrations
APPROVED

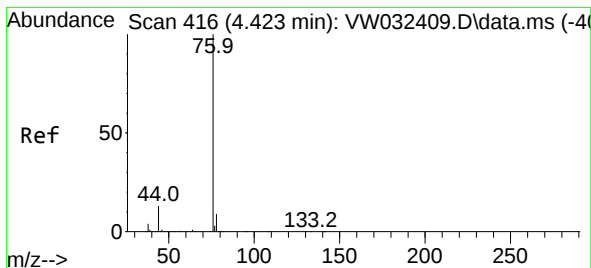
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#16
Acetone
Concen: 27.211 ug/l
RT: 4.173 min Scan# 375
Delta R.T. 0.012 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

Tgt Ion: 43 Resp: 41427
Ion Ratio Lower Upper
43 100
58 29.3 24.8 37.2





#17

Carbon Disulfide

Concen: 5.180 ug/l

RT: 4.423 min Scan# 416

Delta R.T. 0.000 min

Lab File: VW032424.D

Acq: 11 Nov 2025 12:49

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT4-2025

Tgt Ion: 76 Resp: 6494

Ion Ratio Lower Upper

76 100

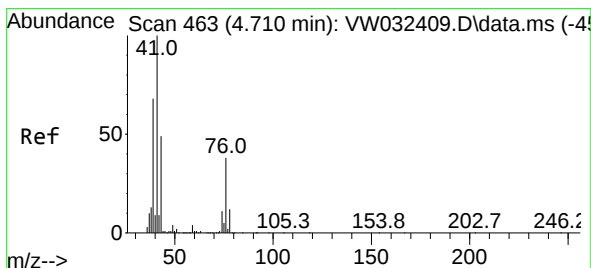
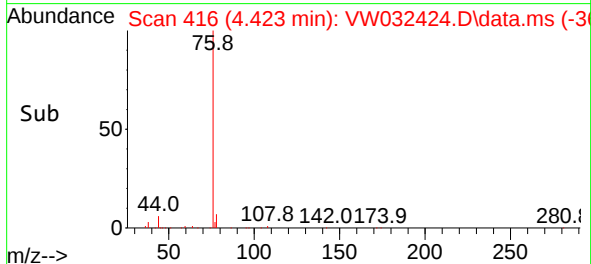
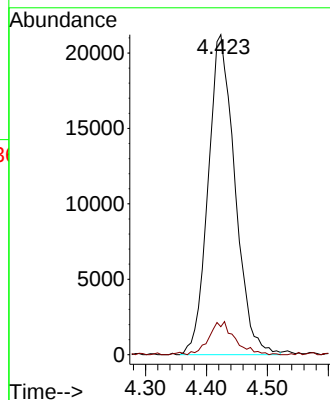
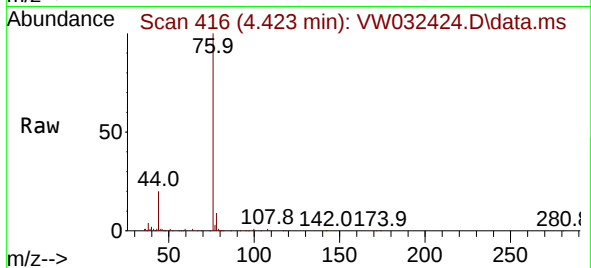
78 8.8 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#18

Methyl Acetate

Concen: 4.769 ug/l

RT: 4.716 min Scan# 464

Delta R.T. 0.006 min

Lab File: VW032424.D

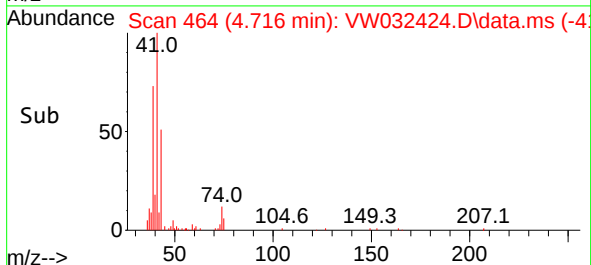
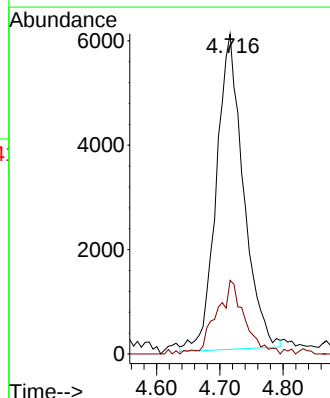
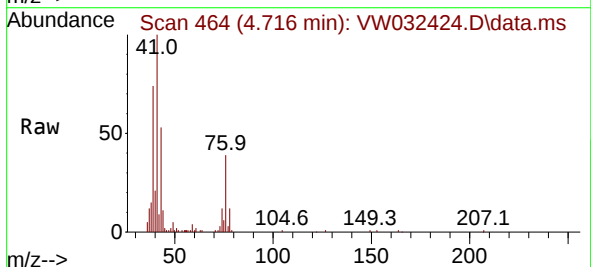
Acq: 11 Nov 2025 12:49

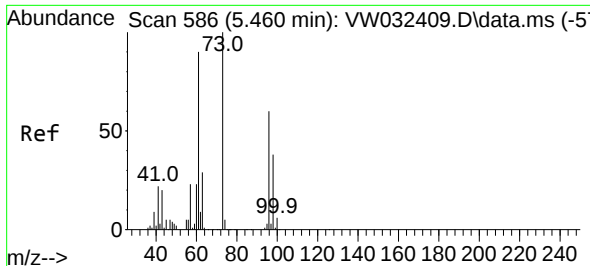
Tgt Ion: 43 Resp: 17981

Ion Ratio Lower Upper

43 100

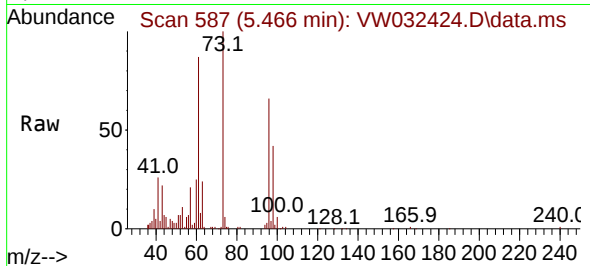
74 24.2 18.9 28.3





#19
Methyl tert-butyl Ether
Concen: 5.182 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

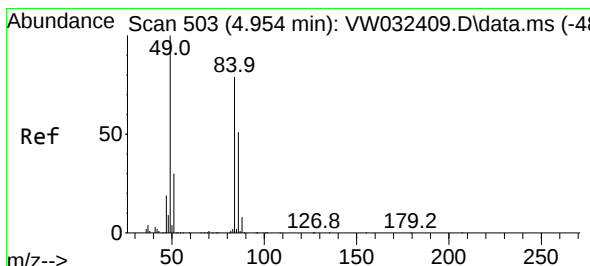
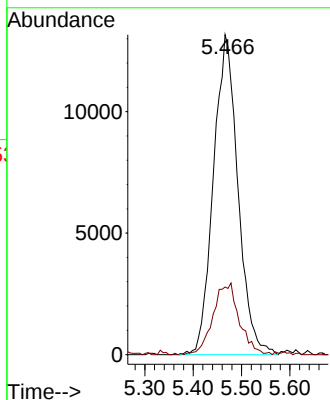
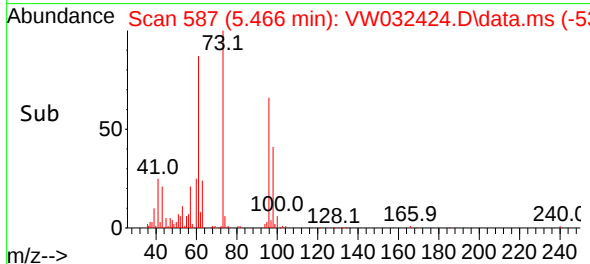
Instrument : MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



Tgt Ion: 73 Resp: 46339
Ion Ratio Lower Upper
73 100
57 21.1 18.3 27.5

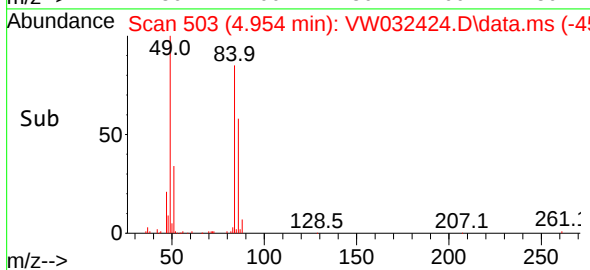
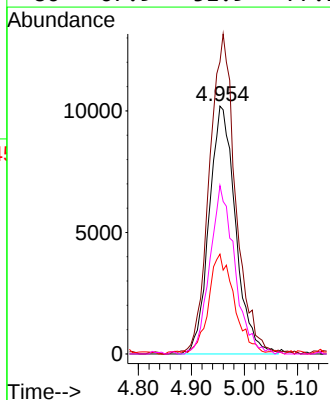
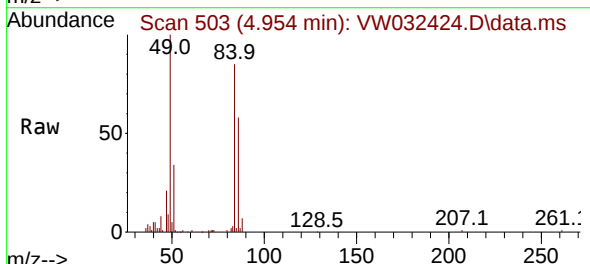
Manual Integrations
APPROVED

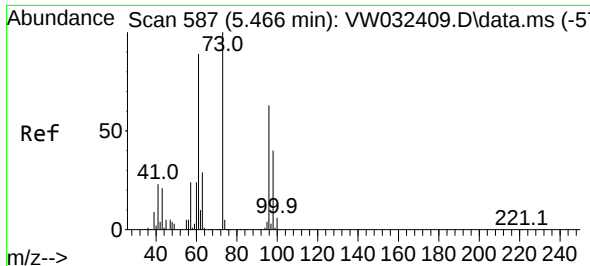
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#20
Methylene Chloride
Concen: 6.472 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

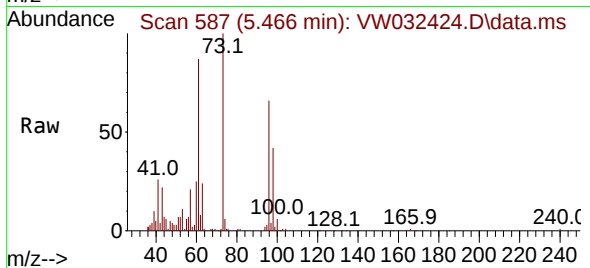
Tgt Ion: 84 Resp: 35239
Ion Ratio Lower Upper
84 100
49 117.2 101.5 152.3
51 39.5 30.6 46.0
86 67.9 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 5.310 ug/l
RT: 5.466 min Scan# 587
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

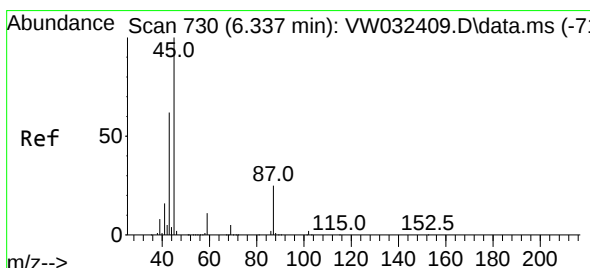
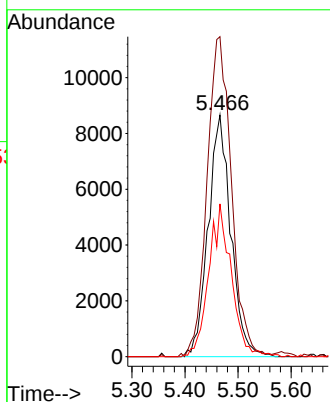
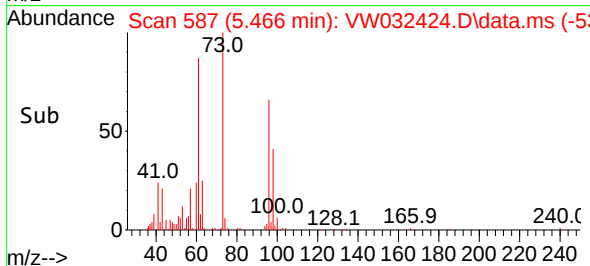
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



Tgt Ion: 96 Resp: 25760
Ion Ratio Lower Upper
96 100
61 132.4 112.5 168.7
98 63.2 51.1 76.7

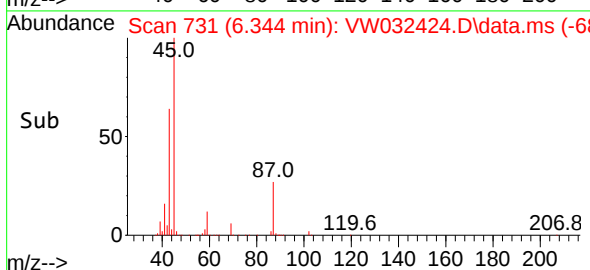
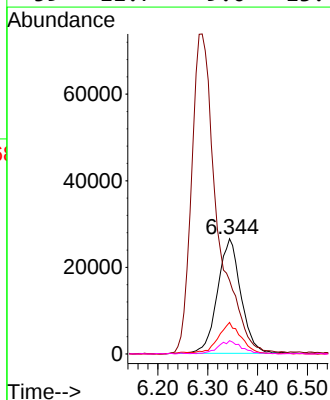
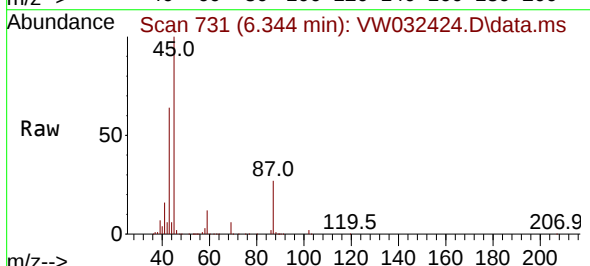
Manual Integrations
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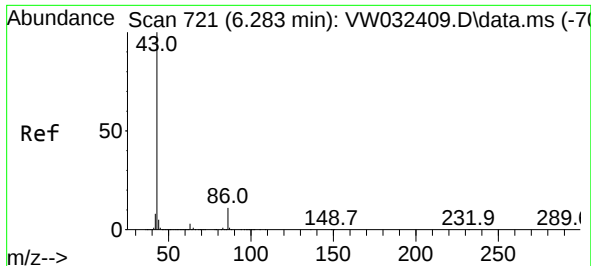
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#22
Diisopropyl ether
Concen: 5.149 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

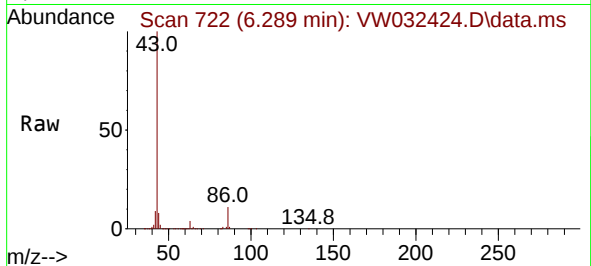
Tgt Ion: 45 Resp: 85528
Ion Ratio Lower Upper
45 100
43 62.6 49.4 74.2
87 27.3 20.1 30.1
59 11.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 23.336 ug/l
 RT: 6.289 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032424.D
 Acq: 11 Nov 2025 12:49

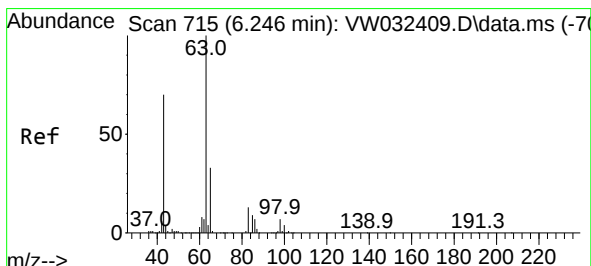
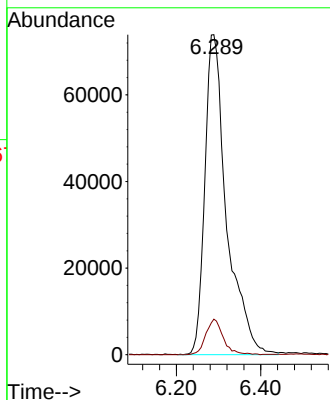
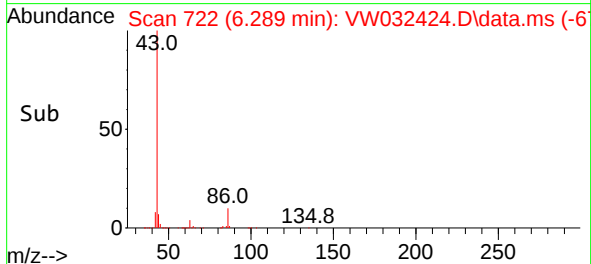
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025



Tgt Ion: 43 Resp: 265590
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 12.8

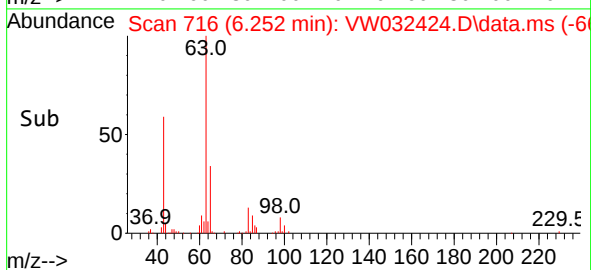
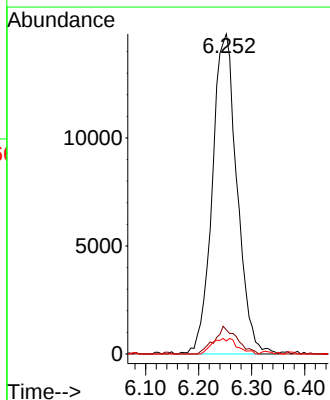
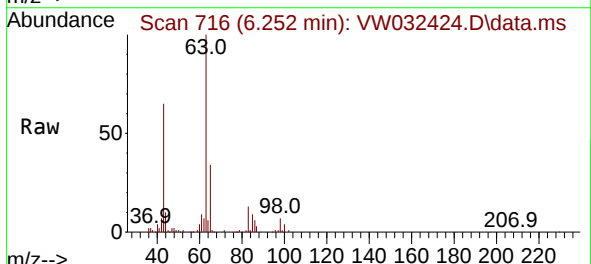
Manual Integrations
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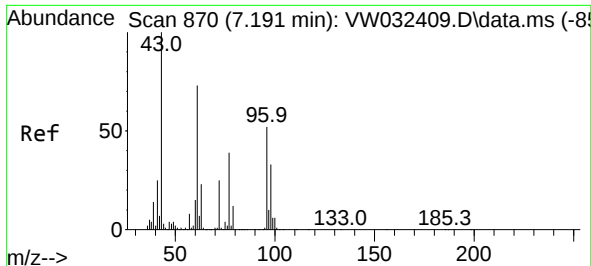
Reviewed By :Amit Patel 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#24
 1,1-Dichloroethane
 Concen: 5.268 ug/l
 RT: 6.252 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VW032424.D
 Acq: 11 Nov 2025 12:49

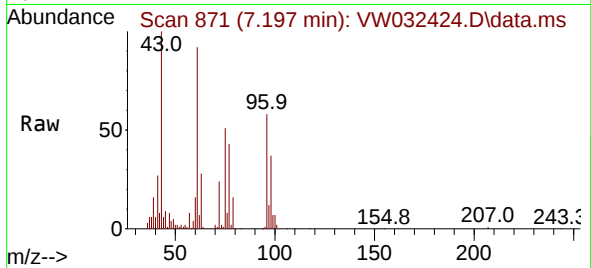
Tgt Ion: 63 Resp: 47942
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.1 2.3 6.8





#25
2-Butanone
Concen: 23.654 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

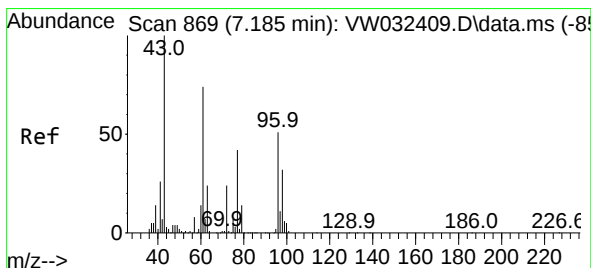
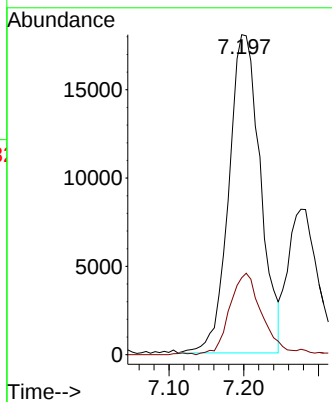
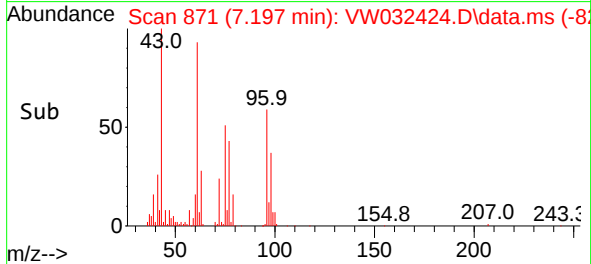
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



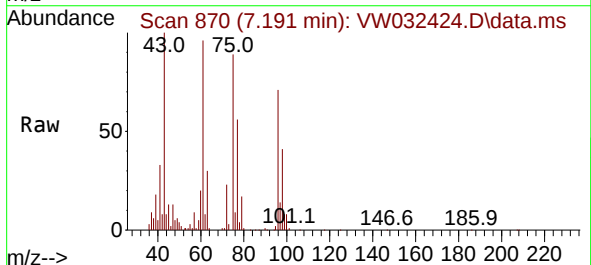
Tgt Ion: 43 Resp: 5305
Ion Ratio Lower Upper
43 100
72 23.8 20.0 30.0

Manual Integrations
APPROVED

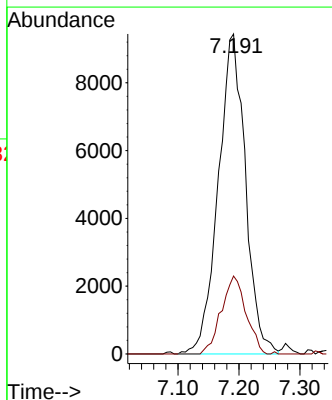
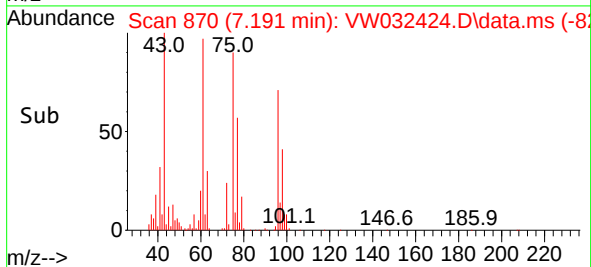
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

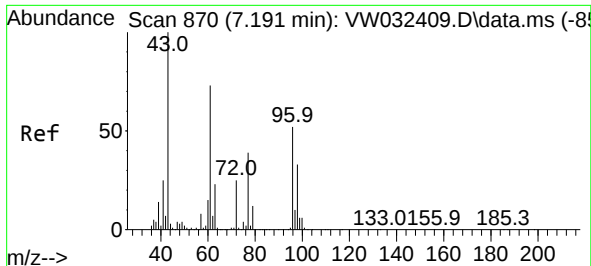


#26
2,2-Dichloropropane
Concen: 5.746 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49



Tgt Ion: 77 Resp: 29147
Ion Ratio Lower Upper
77 100
97 22.2 12.3 36.8





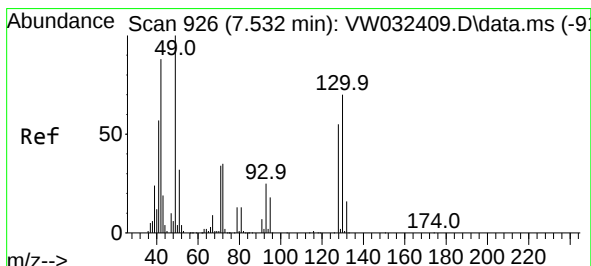
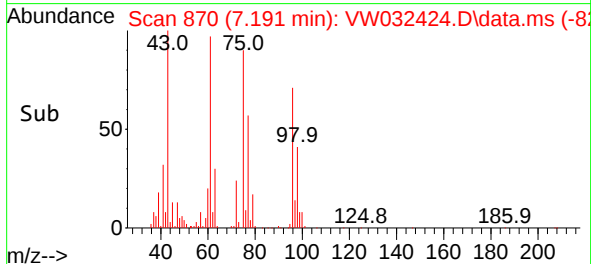
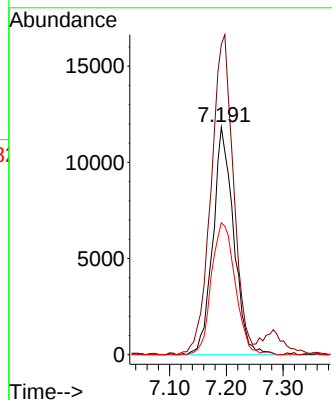
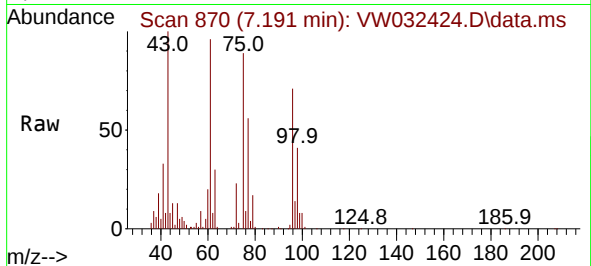
#27
 cis-1,2-Dichloroethene
 Concen: 5.189 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032424.D
 Acq: 11 Nov 2025 12:49

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

Tgt Ion: 96 Resp: 30078
 Ion Ratio Lower Upper
 96 100
 61 152.3 0.0 282.6
 98 66.2 0.0 128.6

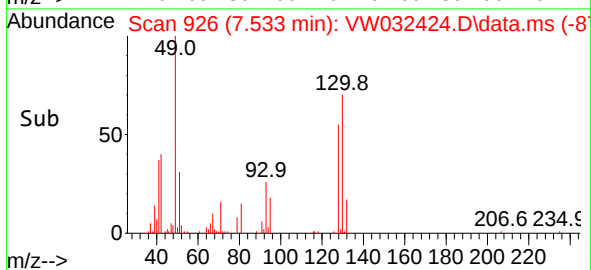
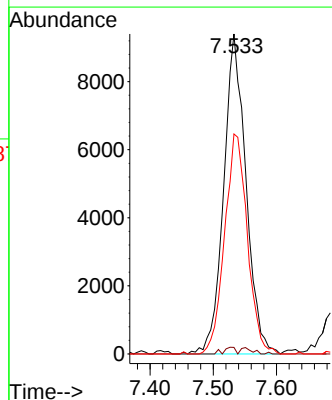
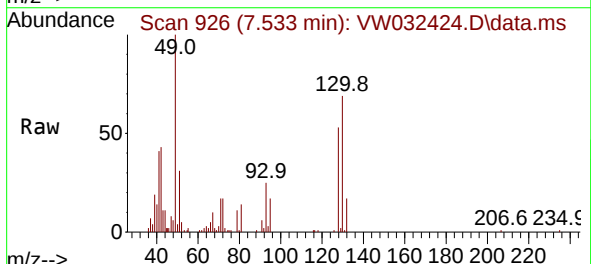
Manual Integrations
 APPROVED

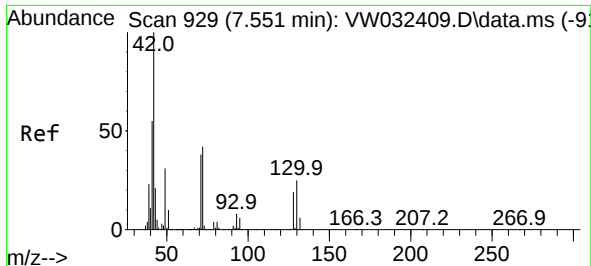
Reviewed By :Amit Patel 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#28
 Bromochloromethane
 Concen: 5.341 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032424.D
 Acq: 11 Nov 2025 12:49

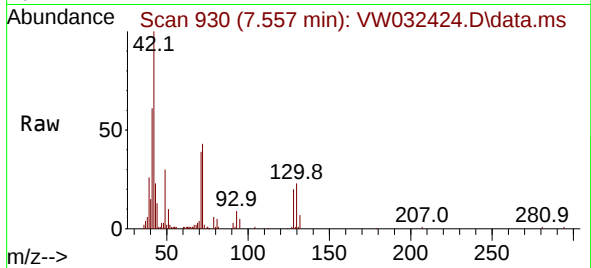
Tgt Ion: 49 Resp: 22973
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.8
 130 70.2 56.9 85.3





#29
Tetrahydrofuran
Concen: 22.486 ug/l
RT: 7.557 min Scan# 911
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

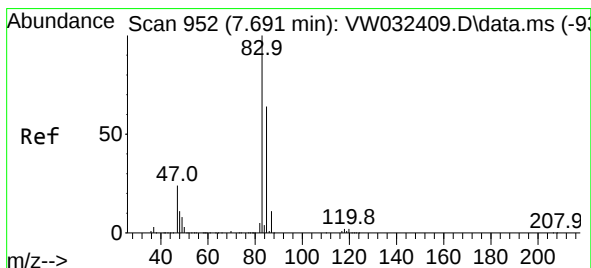
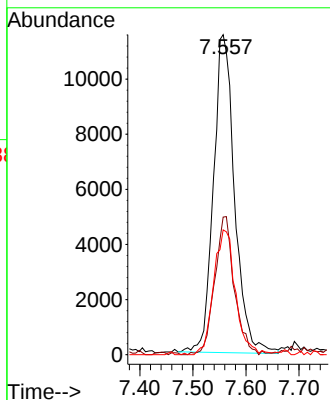
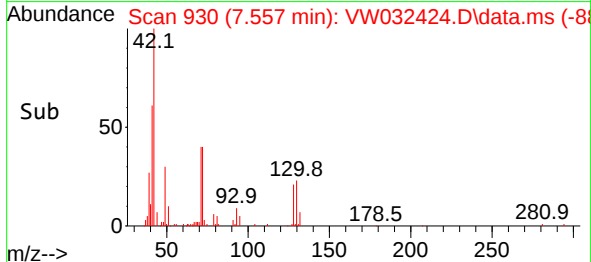
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



Tgt Ion: 42 Resp: 3201
Ion Ratio Lower Upper
42 100
72 40.1 33.6 50.4
71 40.4 31.4 47.0

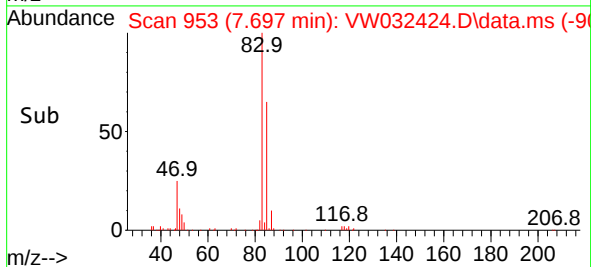
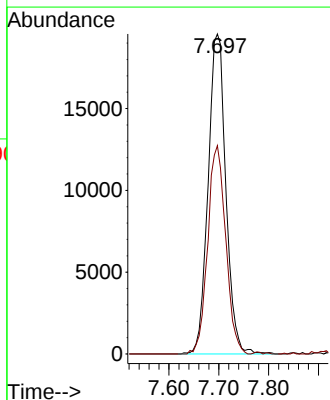
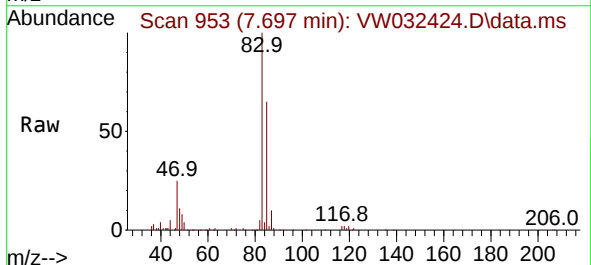
Manual Integrations
APPROVED

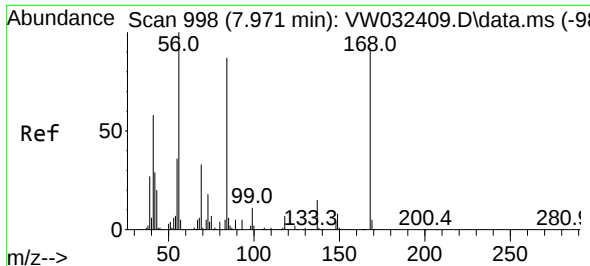
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#30
Chloroform
Concen: 5.431 ug/l
RT: 7.697 min Scan# 953
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

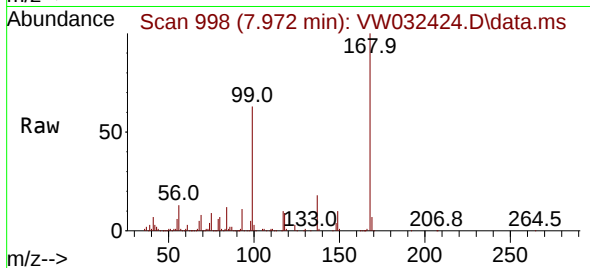
Tgt Ion: 83 Resp: 48390
Ion Ratio Lower Upper
83 100
85 65.1 51.0 76.4





#31
Cyclohexane
Concen: 5.773 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

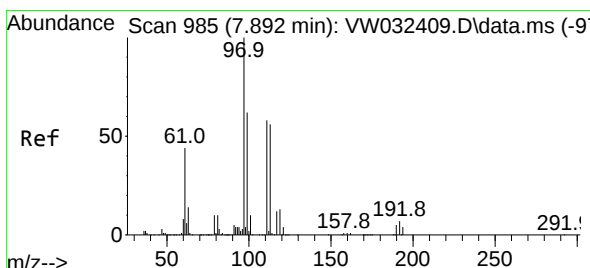
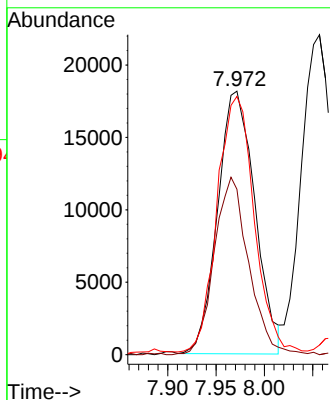
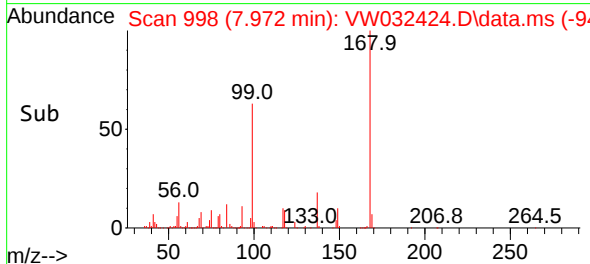
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



Tgt Ion: 56 Resp: 4859
Ion Ratio Lower Upper
56 100
69 62.6 26.5 39.7
84 97.4 69.6 104.4

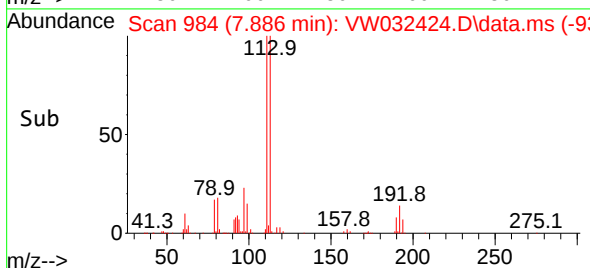
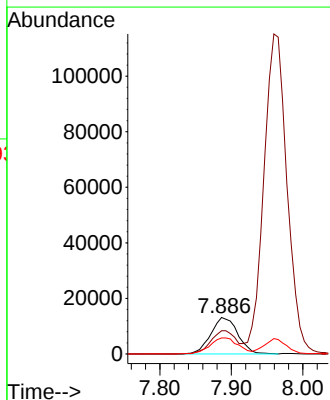
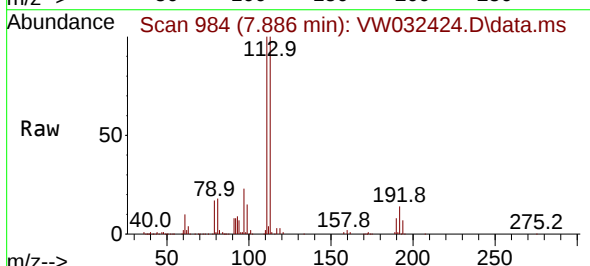
Manual Integrations
APPROVED

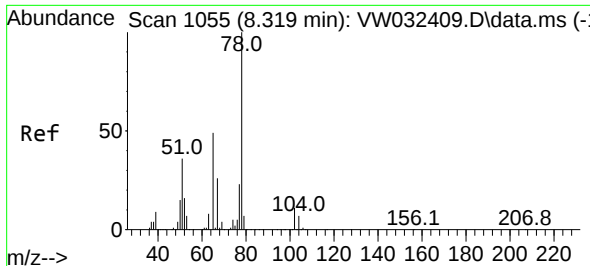
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#32
1,1,1-Trichloroethane
Concen: 5.421 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

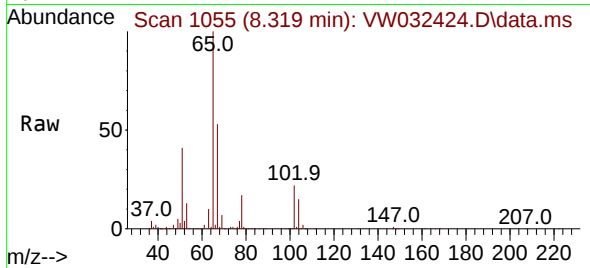
Tgt Ion: 97 Resp: 34503
Ion Ratio Lower Upper
97 100
99 61.1 51.8 77.8
61 46.0 35.5 53.3





#33
 1,2-Dichloroethane-d4
 Concen: 52.489 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032424.D
 Acq: 11 Nov 2025 12:49

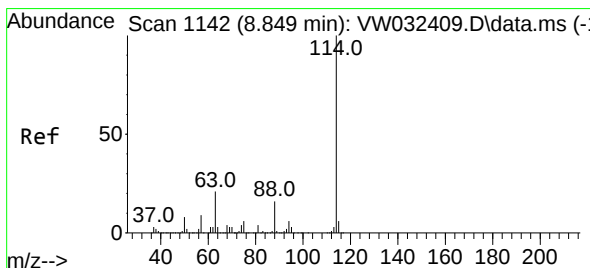
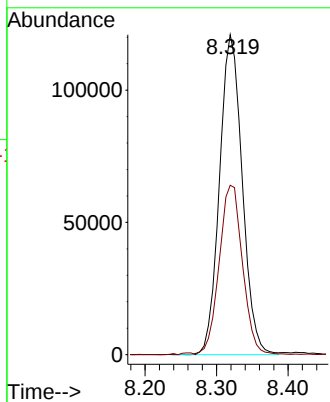
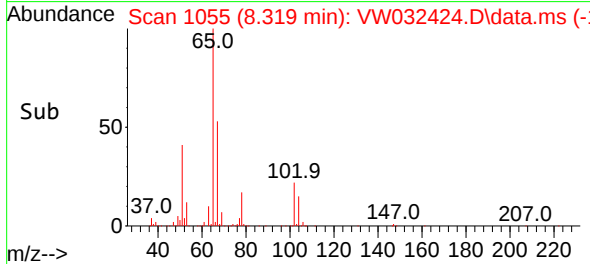
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025



Tgt Ion: 65 Resp: 26710
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.8

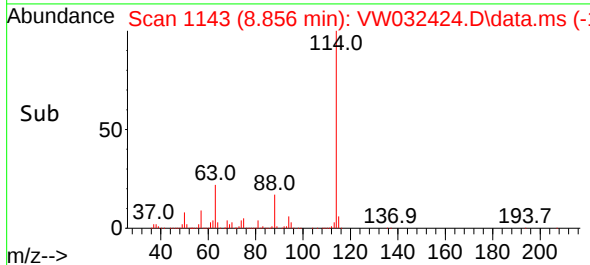
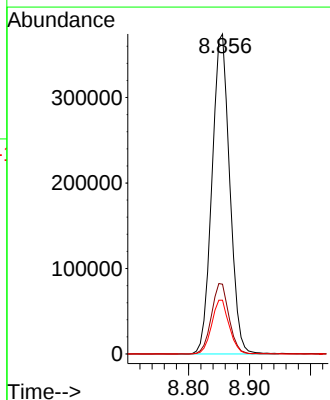
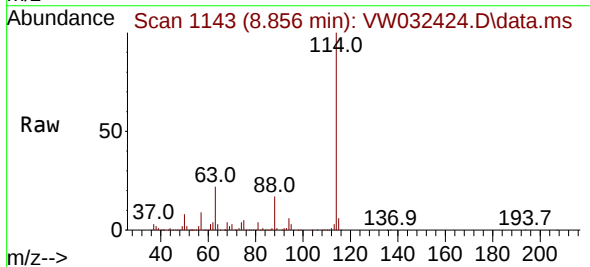
Manual Integrations
 APPROVED

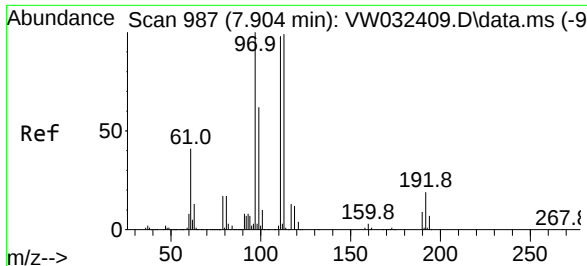
Reviewed By :Amit Patel 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.856 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW032424.D
 Acq: 11 Nov 2025 12:49

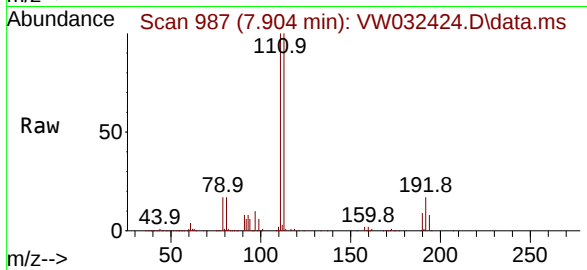
Tgt Ion:114 Resp: 756099
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 41.8
 88 16.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.489 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

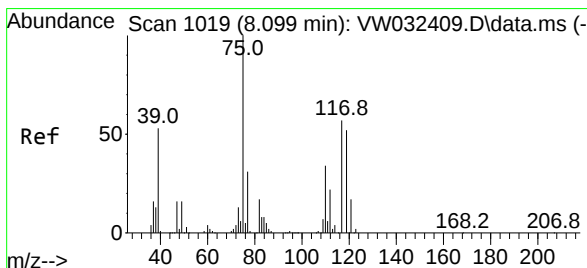
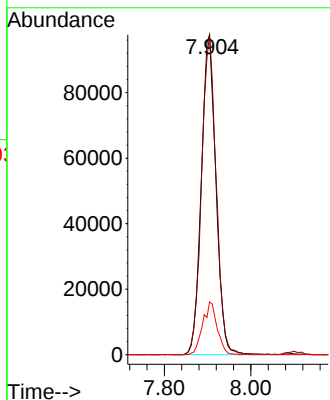
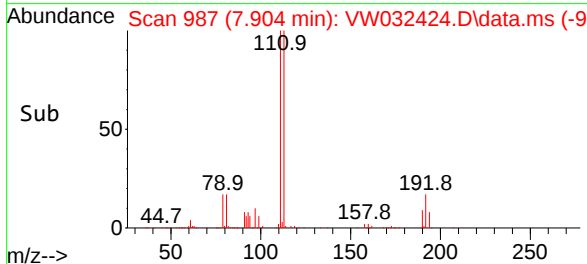
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



Tgt Ion: 113 Resp: 228562
Ion Ratio Lower Upper
113 100
111 100.1 83.1 124.7
192 16.3 13.4 20.2

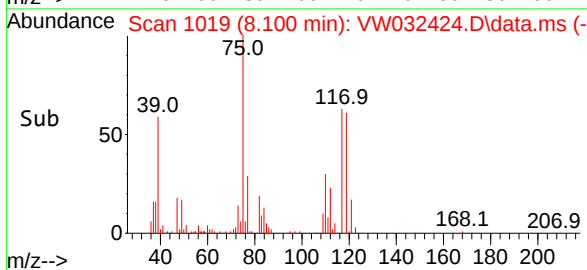
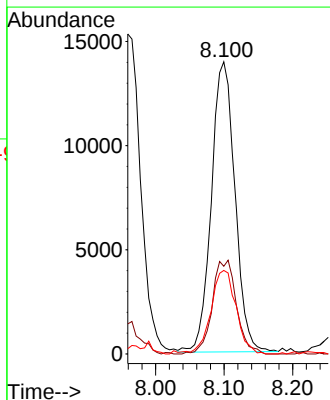
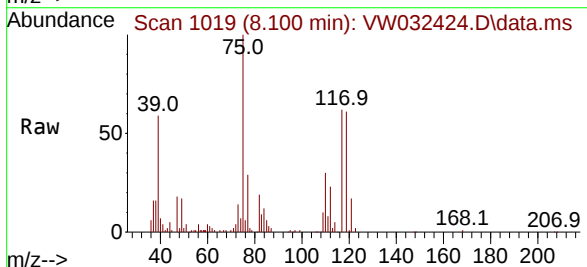
Manual Integrations
APPROVED

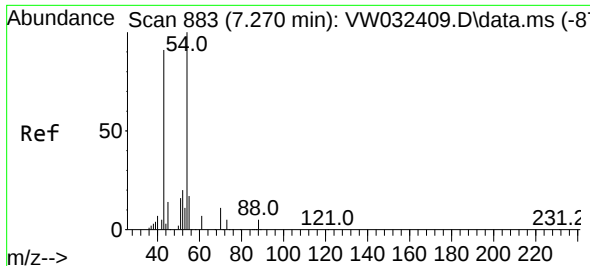
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#36
1,1-Dichloropropene
Concen: 4.991 ug/l
RT: 8.100 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

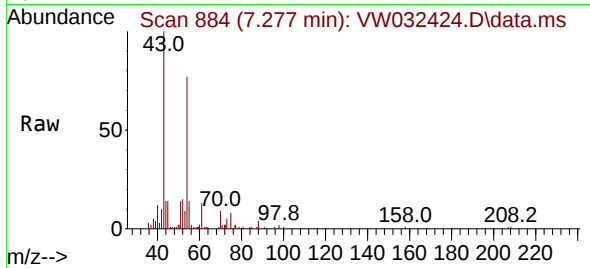
Tgt Ion: 75 Resp: 33291
Ion Ratio Lower Upper
75 100
110 33.1 17.2 51.5
77 30.7 24.5 36.7





#37
Ethyl Acetate
Concen: 4.913 ug/l m
RT: 7.277 min Scan# 883
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

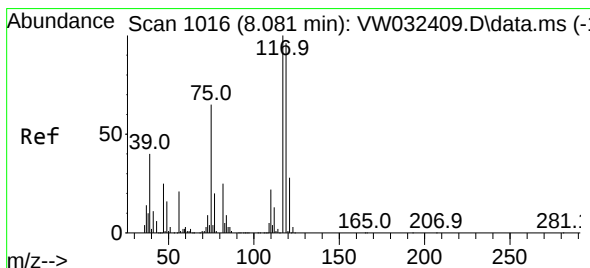
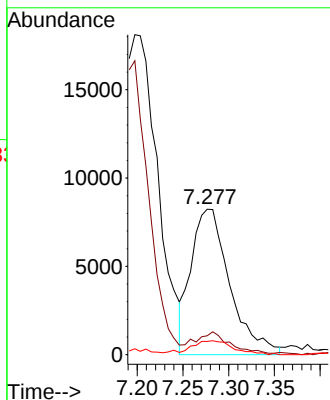
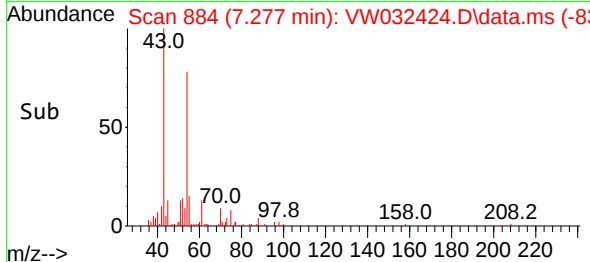
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



Tgt Ion: 43 Resp: 24369
Ion Ratio Lower Upper
43 100
61 12.6 11.0 16.6
70 10.7 8.3 12.5

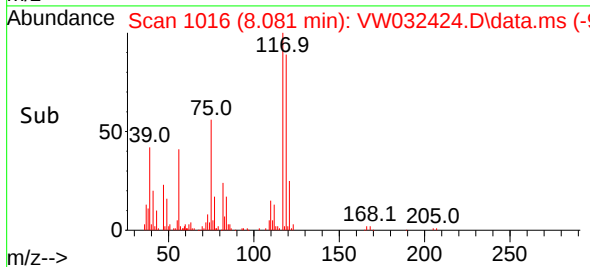
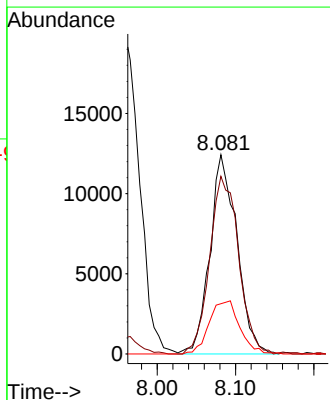
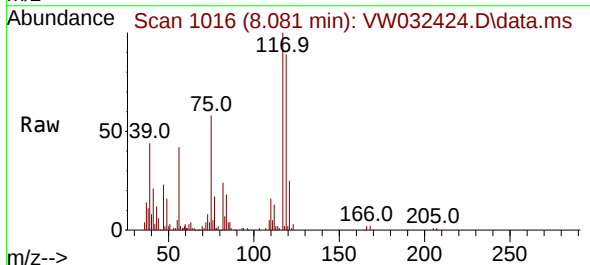
Manual Integrations
APPROVED

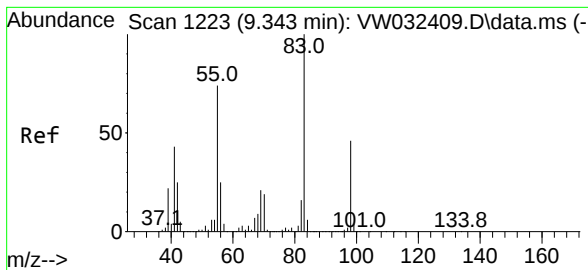
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#38
Carbon Tetrachloride
Concen: 5.019 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

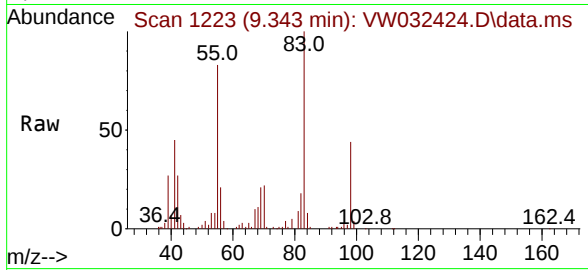
Tgt Ion:117 Resp: 29747
Ion Ratio Lower Upper
117 100
119 89.2 77.0 115.4
121 25.2 22.0 33.0





#39
Methylcyclohexane
Concen: 4.737 ug/l
RT: 9.343 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

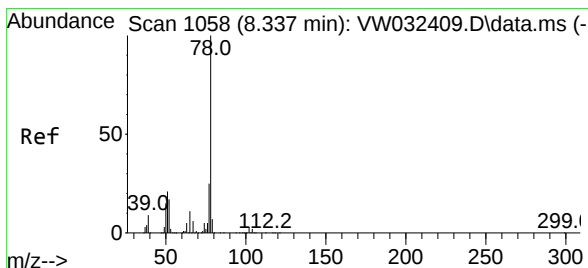
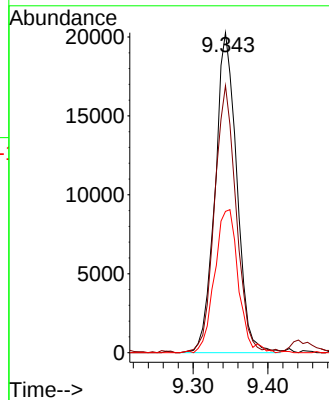
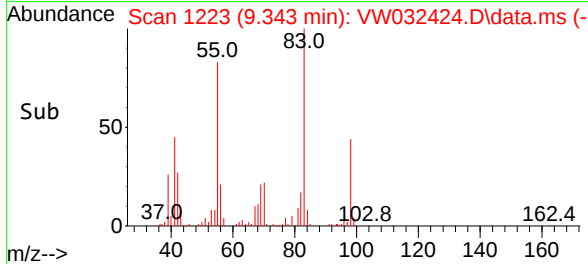
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



Tgt Ion: 83 Resp: 40935
Ion Ratio Lower Upper
83 100
55 83.5 59.2 88.8
98 44.1 36.6 54.8

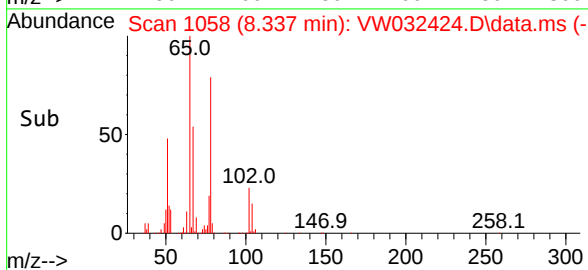
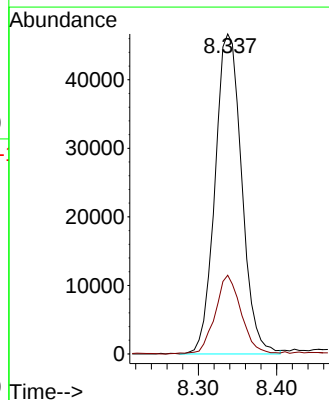
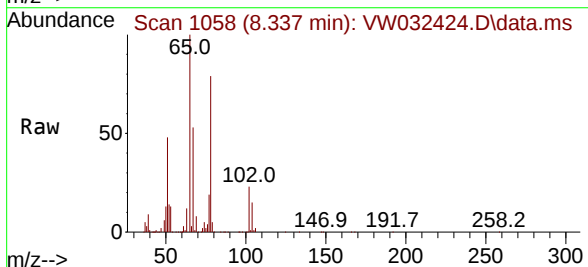
Manual Integrations
APPROVED

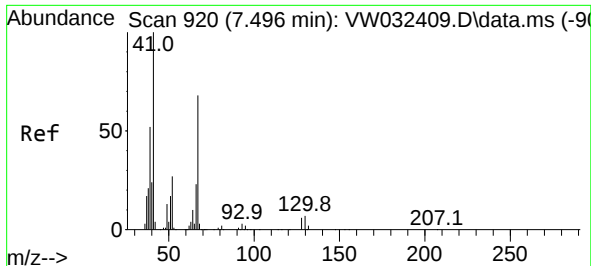
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#40
Benzene
Concen: 5.143 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

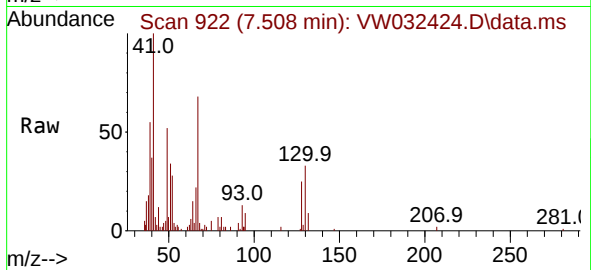
Tgt Ion: 78 Resp: 110460
Ion Ratio Lower Upper
78 100
77 24.3 19.6 29.4





#41
Methacrylonitrile
Concen: 4.313 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.012 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

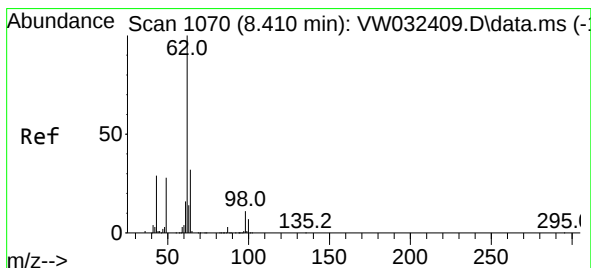
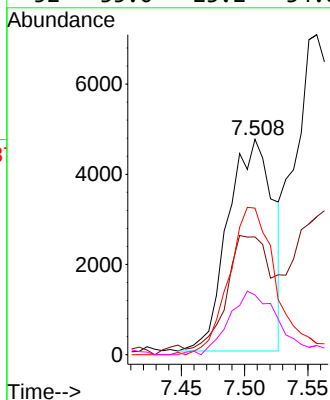
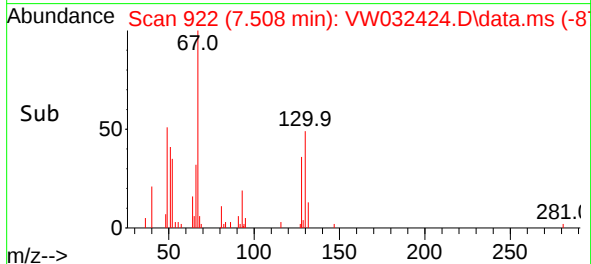
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



Tgt Ion: 41 Resp: 11750
Ion Ratio Lower Upper
41 100
39 57.2 44.6 66.8
67 74.0 57.6 86.4
52 35.0 23.2 34.8#

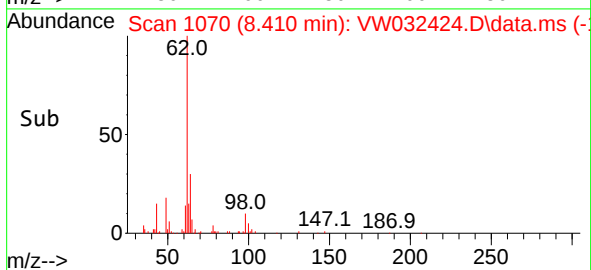
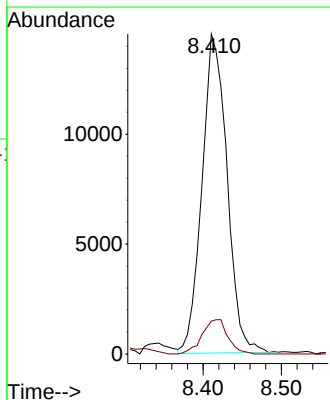
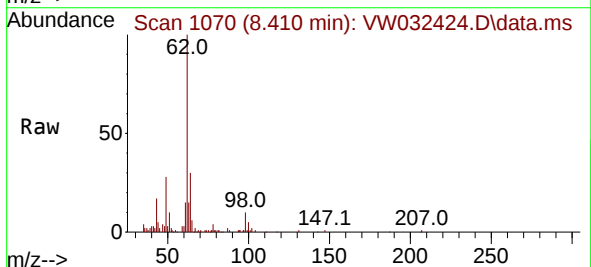
Manual Integrations
APPROVED

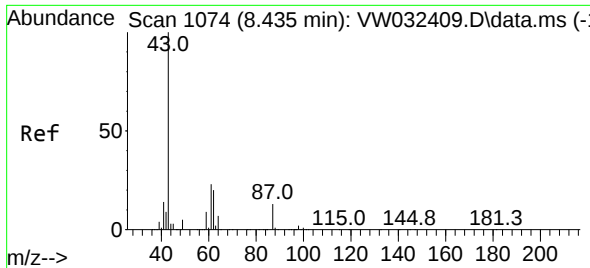
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#42
1,2-Dichloroethane
Concen: 5.111 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

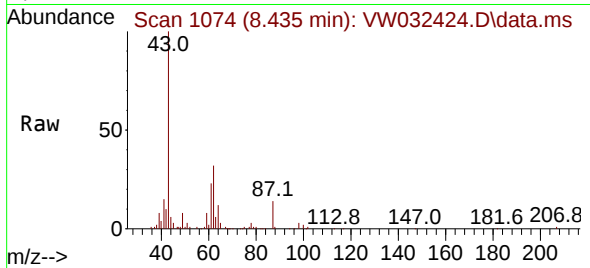
Tgt Ion: 62 Resp: 32244
Ion Ratio Lower Upper
62 100
98 11.1 0.0 20.2





#43
Isopropyl Acetate
Concen: 4.458 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

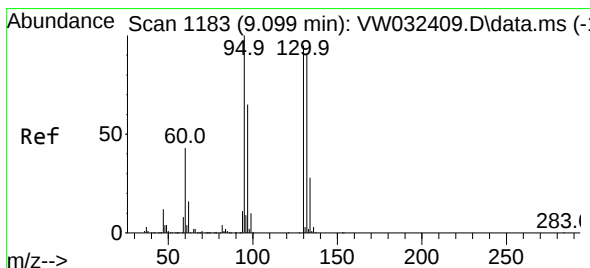
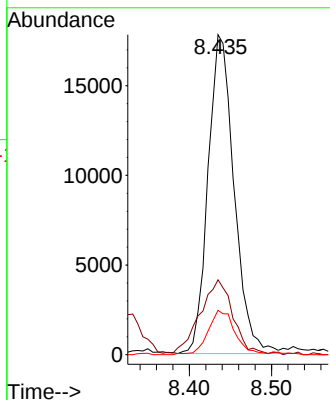
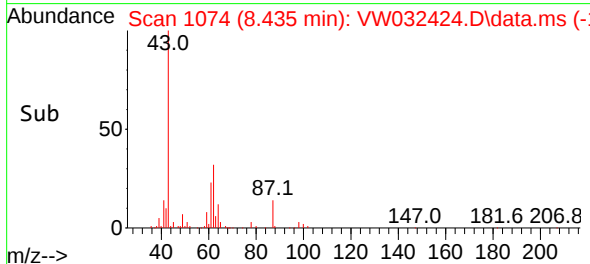
Instrument : MSVOA_W
ClientSampleId : LOQ-SOIL-02-QT4-2025



Tgt Ion: 43 Resp: 39149
Ion Ratio Lower Upper
43 100
61 30.1 22.6 33.8
87 14.3 10.6 15.8

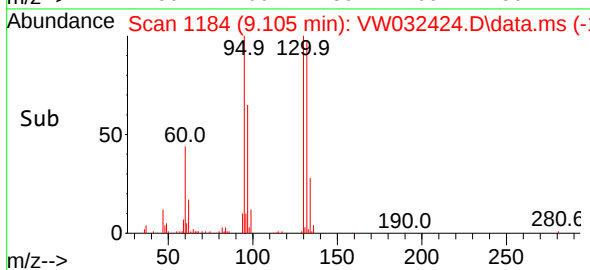
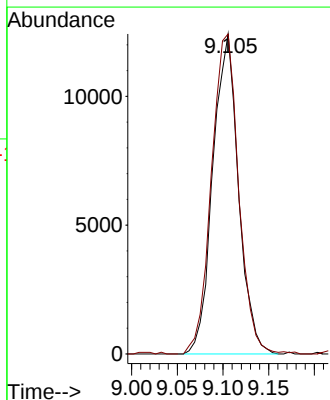
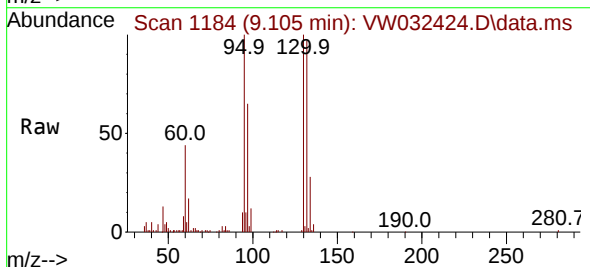
Manual Integrations
APPROVED

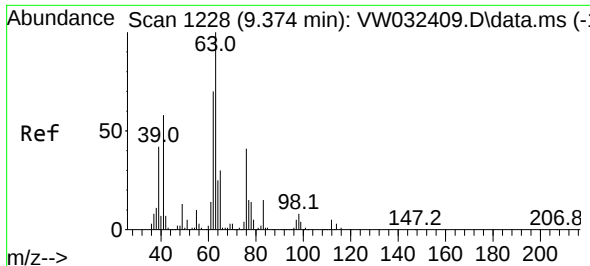
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#44
Trichloroethene
Concen: 4.842 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

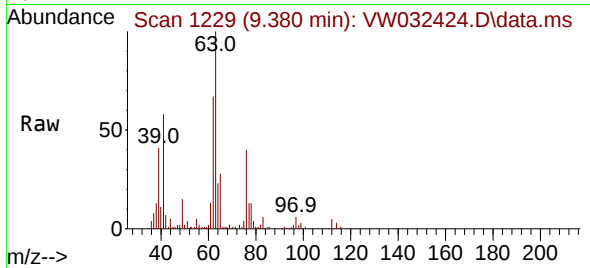
Tgt Ion:130 Resp: 24201
Ion Ratio Lower Upper
130 100
95 100.0 0.0 209.6





#45
1,2-Dichloropropane
Concen: 5.218 ug/l
RT: 9.380 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

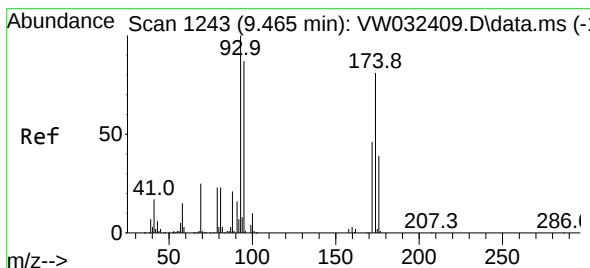
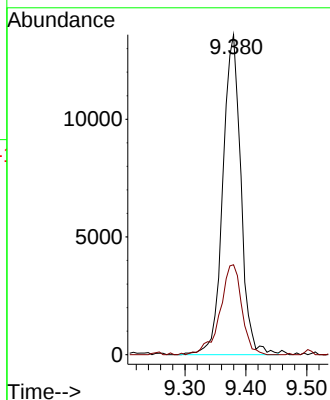
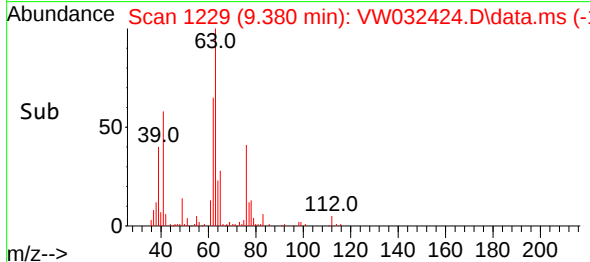
Instrument : MSVOA_W
ClientSampleId : LOQ-SOIL-02-QT4-2025



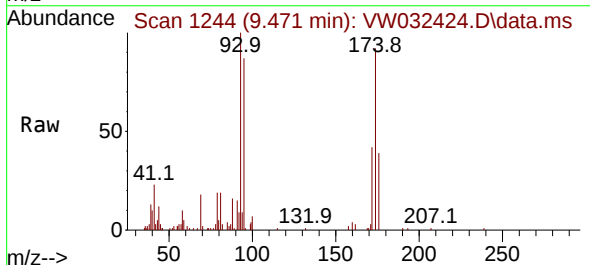
Tgt Ion: 63 Resp: 2791
Ion Ratio Lower Upper
63 100
65 28.1 24.4 36.6

Manual Integrations
APPROVED

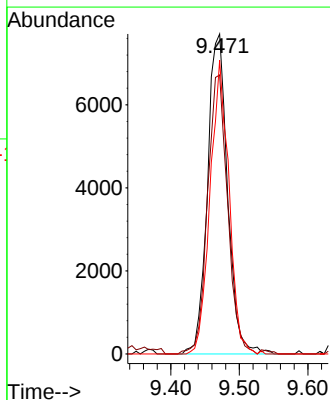
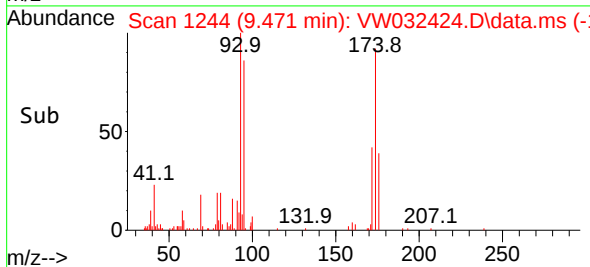
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

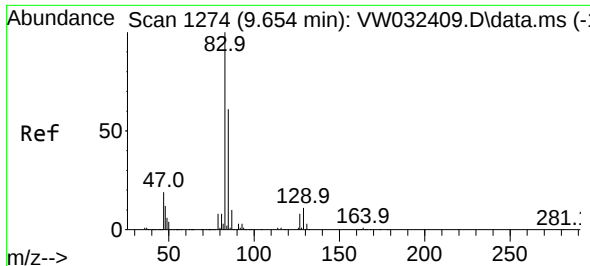


#46
Dibromomethane
Concen: 5.037 ug/l
RT: 9.471 min Scan# 1244
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49



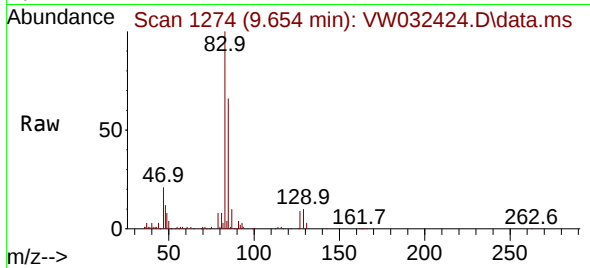
Tgt Ion: 93 Resp: 15744
Ion Ratio Lower Upper
93 100
95 86.7 67.1 100.7
174 85.6 68.2 102.4





#47
Bromodichloromethane
Concen: 4.966 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

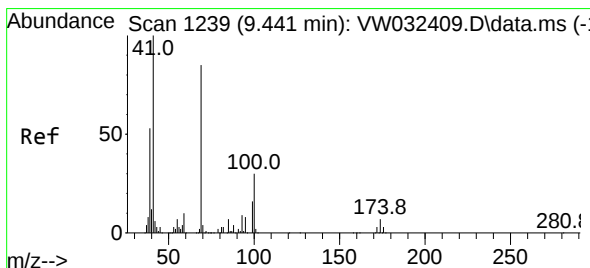
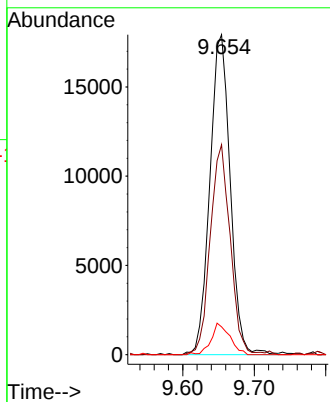
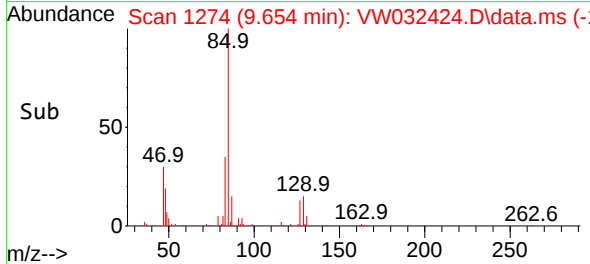
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



Tgt Ion: 83 Resp: 3540
Ion Ratio Lower Upper
83 100
85 65.6 48.7 73.1
127 8.7 6.3 9.5

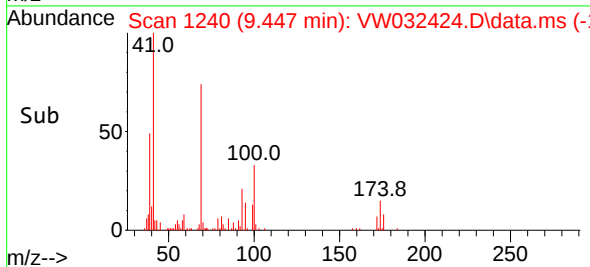
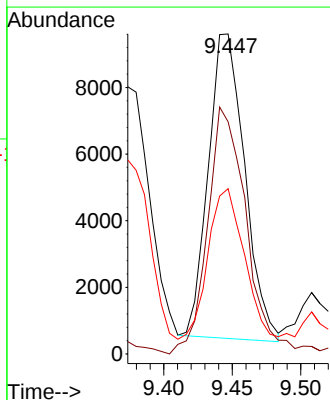
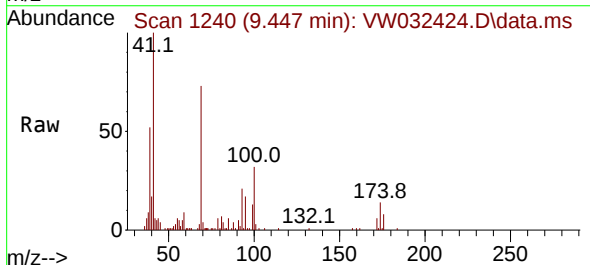
Manual Integrations
APPROVED

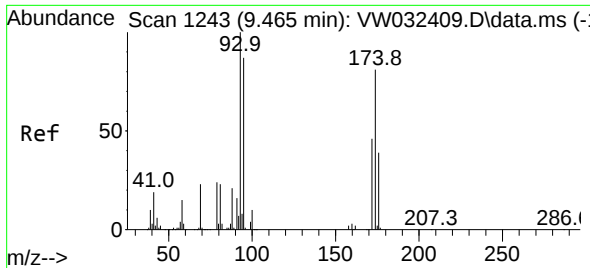
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#48
Methyl methacrylate
Concen: 4.043 ug/l
RT: 9.447 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

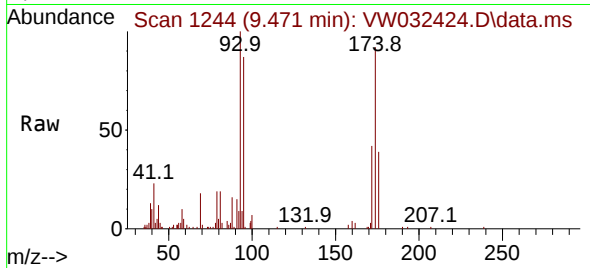
Tgt Ion: 41 Resp: 16874
Ion Ratio Lower Upper
41 100
69 86.9 65.8 98.6
39 59.1 38.6 57.8#





#49
1,4-Dioxane
Concen: 90.375 ug/l m
RT: 9.471 min Scan# 1244
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

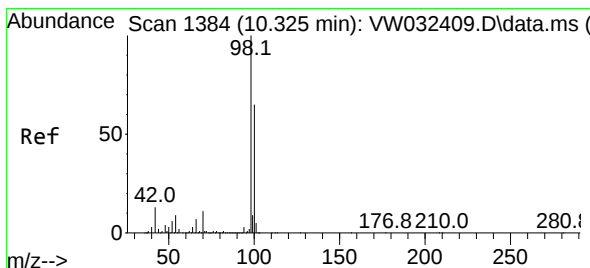
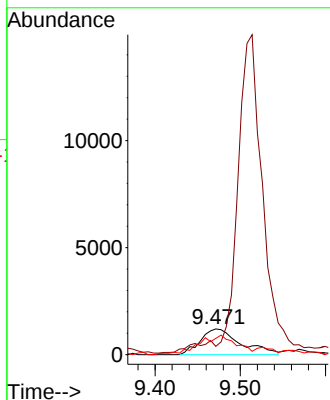
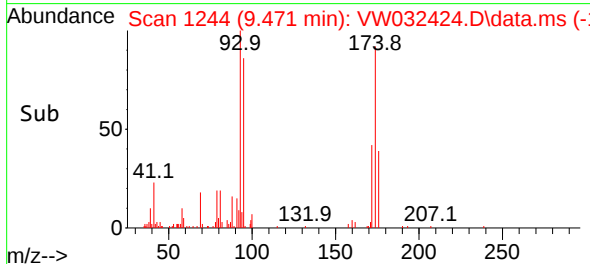
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



Tgt Ion: 88 Resp: 395
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 70.7 63.0 94.4

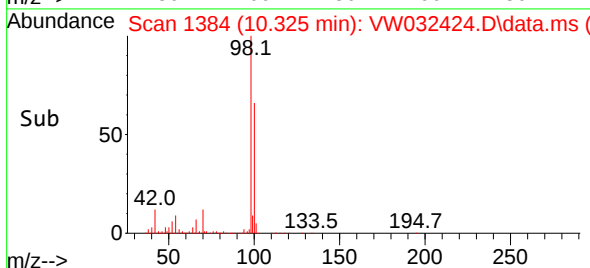
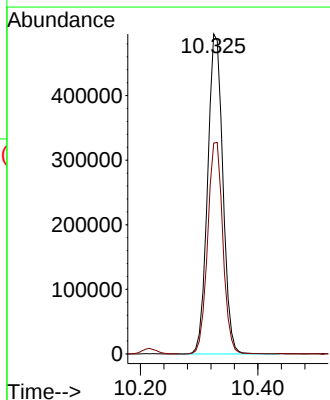
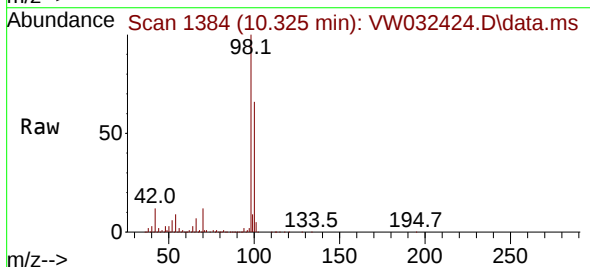
Manual Integrations
APPROVED

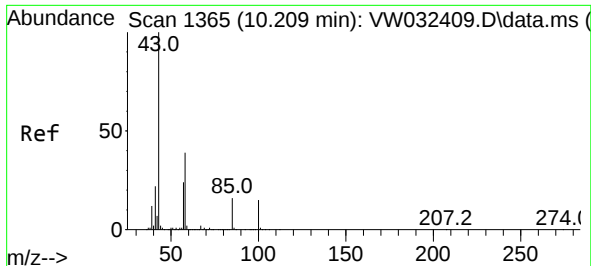
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#50
Toluene-d8
Concen: 51.311 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

Tgt Ion: 98 Resp: 891109
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9





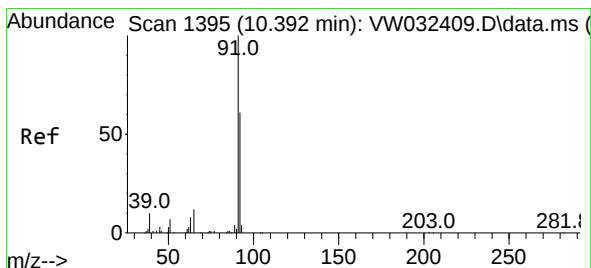
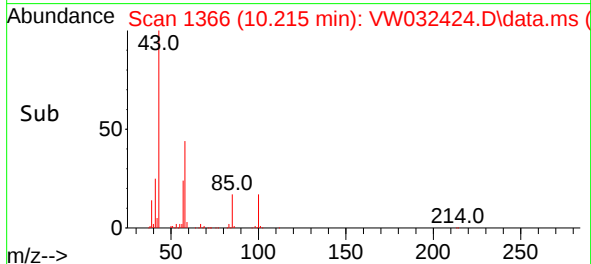
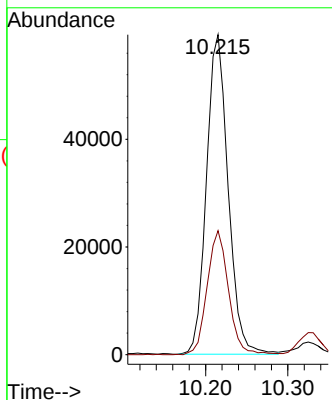
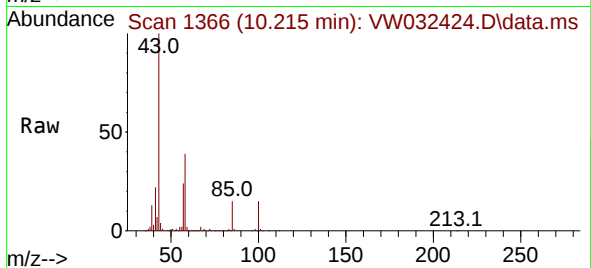
#51
4-Methyl-2-Pentanone
Concen: 22.398 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025

Tgt Ion: 43 Resp: 10874
Ion Ratio Lower Upper
43 100
58 38.3 31.4 47.2

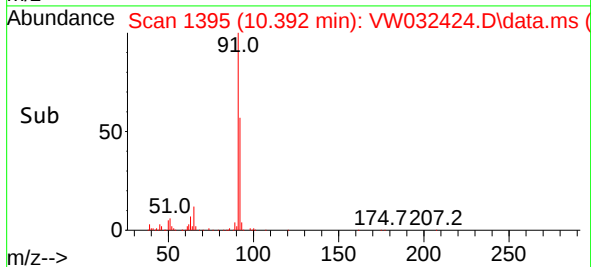
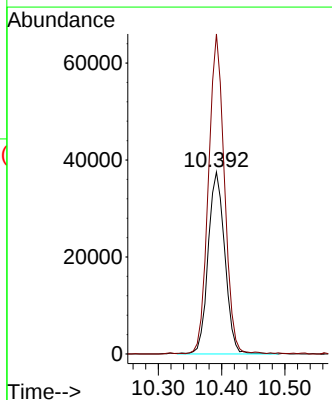
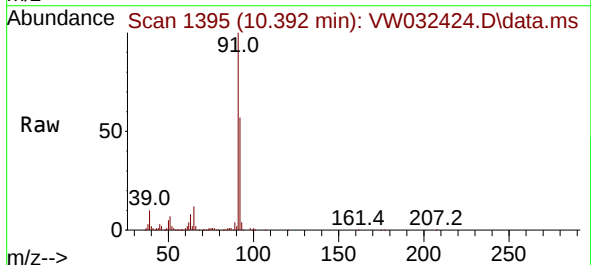
Manual Integrations
APPROVED

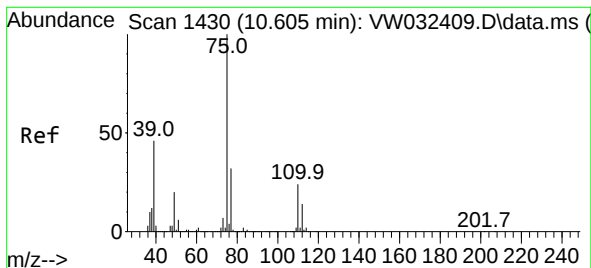
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#52
Toluene
Concen: 5.178 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

Tgt Ion: 92 Resp: 68700
Ion Ratio Lower Upper
92 100
91 167.9 136.6 205.0





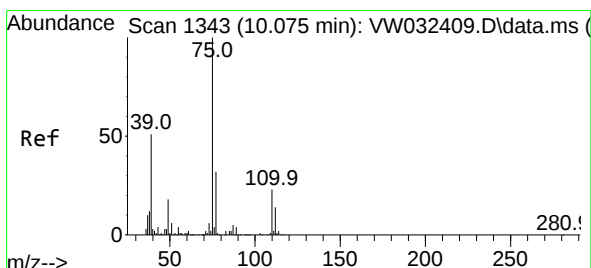
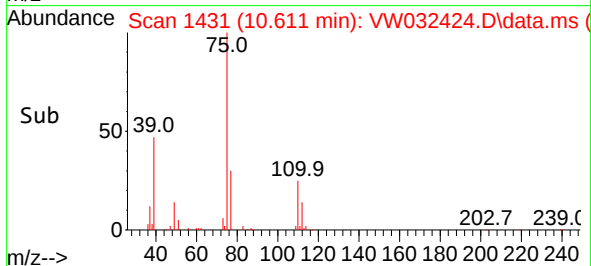
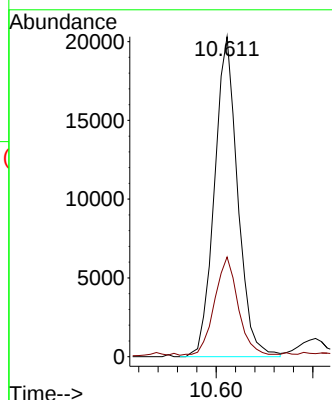
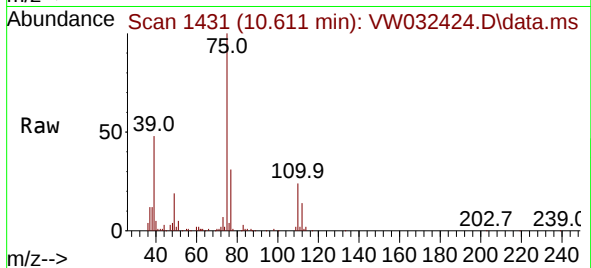
#53
t-1,3-Dichloropropene
Concen: 4.607 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

Instrument : MSVOA_W
ClientSampleId : LOQ-SOIL-02-QT4-2025

Tgt Ion: 75 Resp: 33830
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

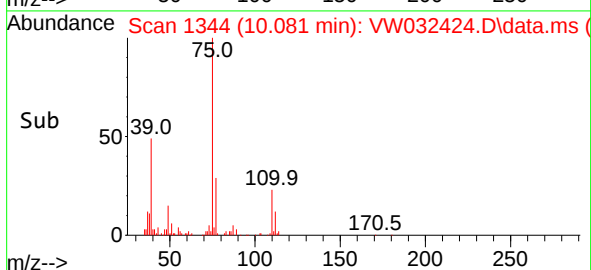
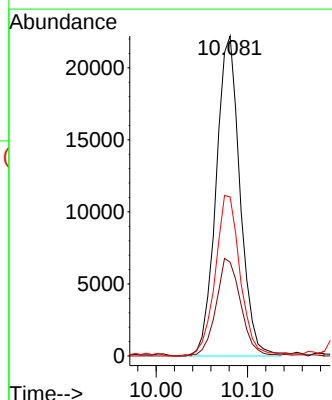
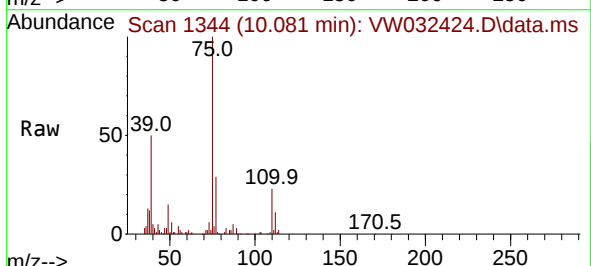
Manual Integrations
APPROVED

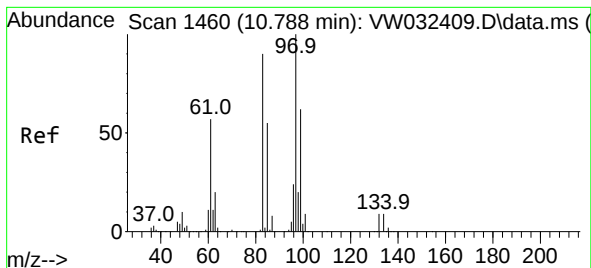
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#54
cis-1,3-Dichloropropene
Concen: 4.750 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

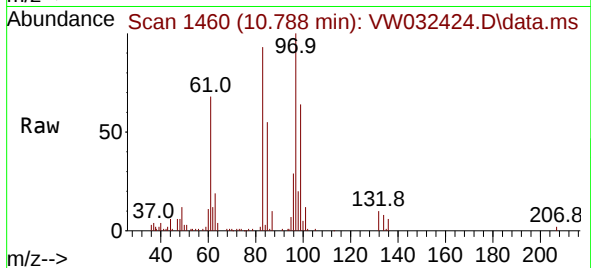
Tgt Ion: 75 Resp: 40330
Ion Ratio Lower Upper
75 100
77 29.3 25.6 38.4
39 49.7 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 4.978 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

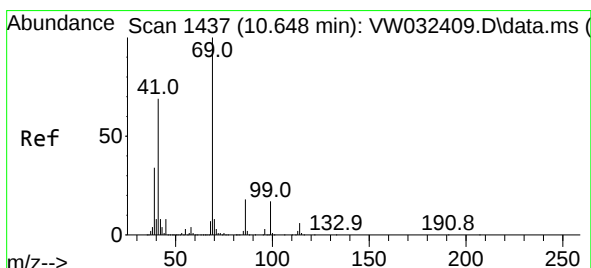
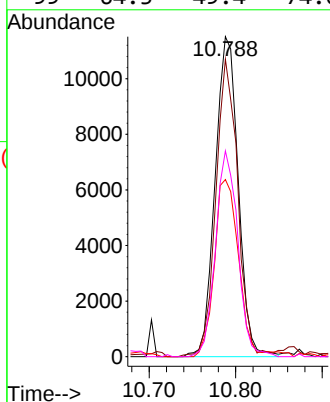
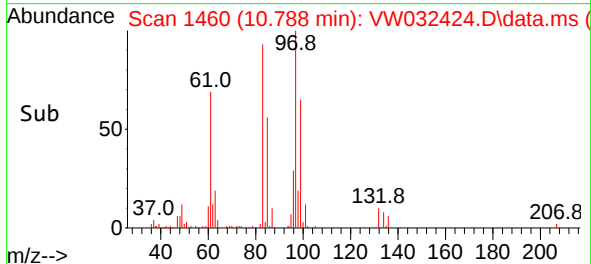
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



Tgt Ion	Ratio	Lower	Upper
97	100		
83	93.0	72.2	108.4
85	55.4	43.8	65.8
99	64.3	49.4	74.0

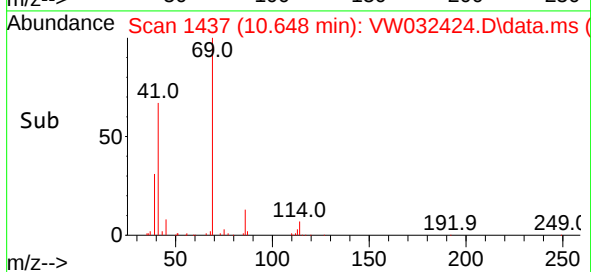
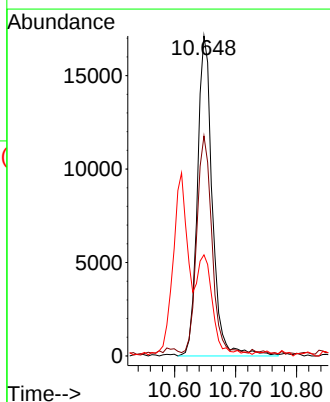
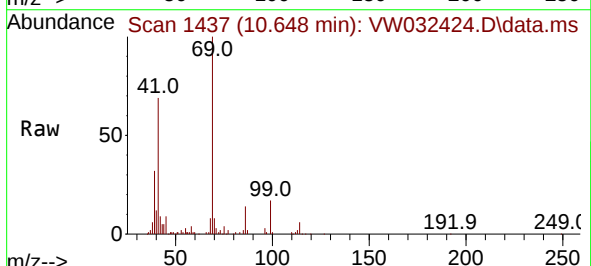
Manual Integrations
APPROVED

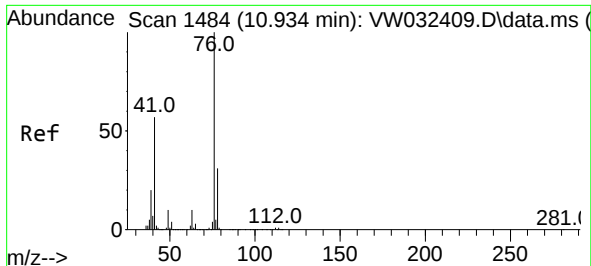
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#56
Ethyl methacrylate
Concen: 4.435 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

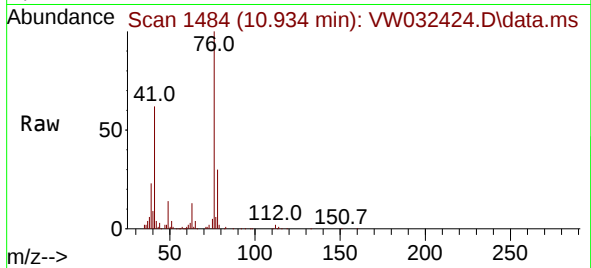
Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.9	54.4	81.6
39	28.1	25.4	38.0





#57
1,3-Dichloropropane
Concen: 5.035 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

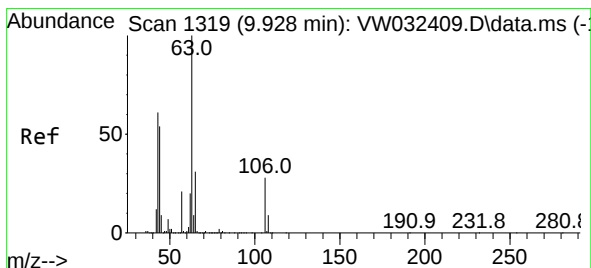
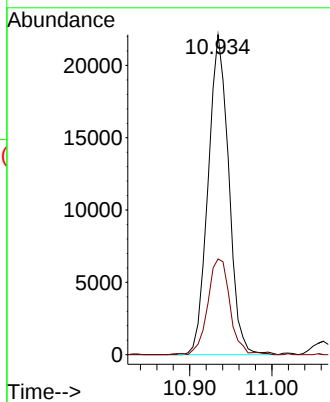
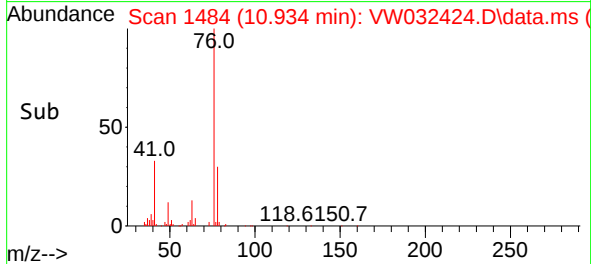
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



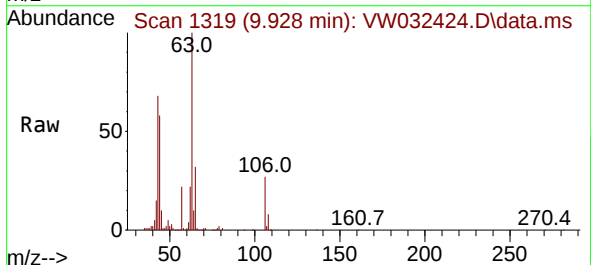
Tgt Ion: 76 Resp: 38558
Ion Ratio Lower Upper
76 100
78 32.3 25.6 38.4

Manual Integrations
APPROVED

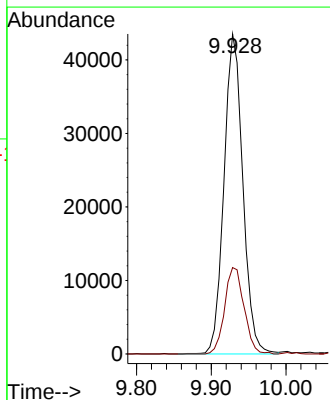
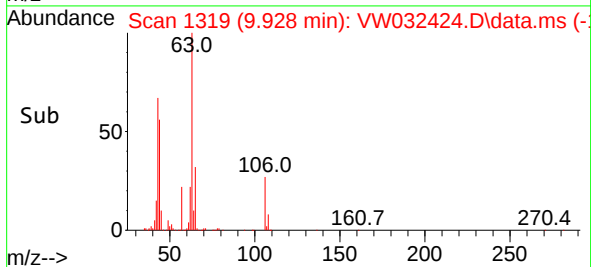
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

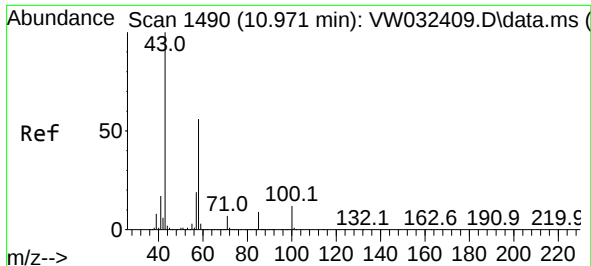


#58
2-Chloroethyl Vinyl ether
Concen: 21.808 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49



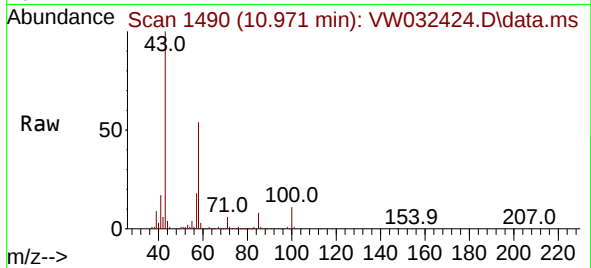
Tgt Ion: 63 Resp: 76404
Ion Ratio Lower Upper
63 100
106 27.7 22.0 33.0





#59
2-Hexanone
Concen: 21.549 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

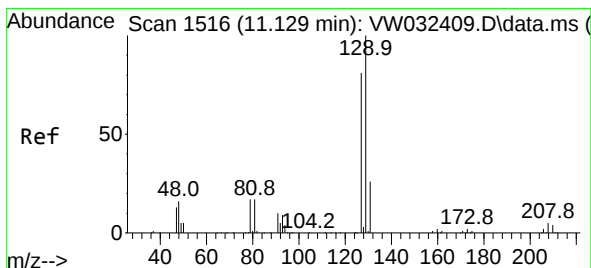
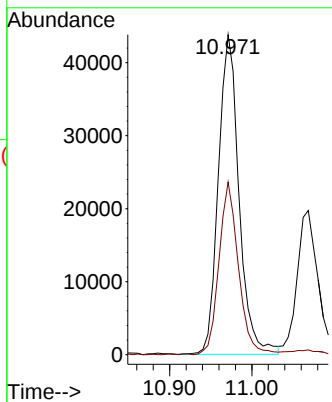
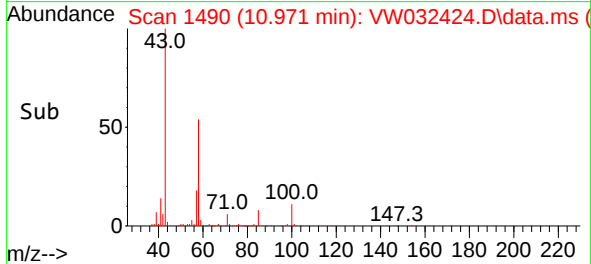
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



Tgt Ion: 43 Resp: 7654
Ion Ratio Lower Upper
43 100
58 51.0 27.4 82.2

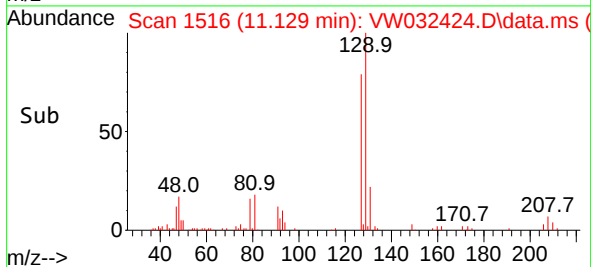
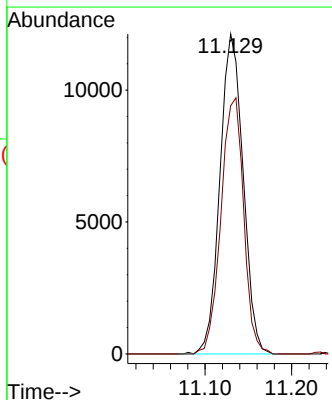
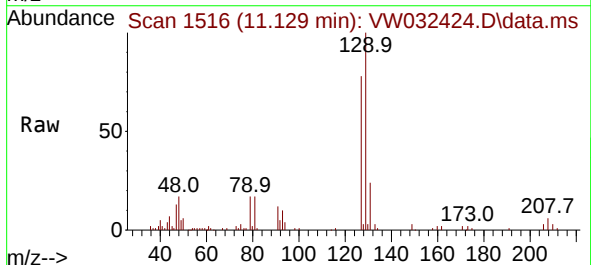
Manual Integrations
APPROVED

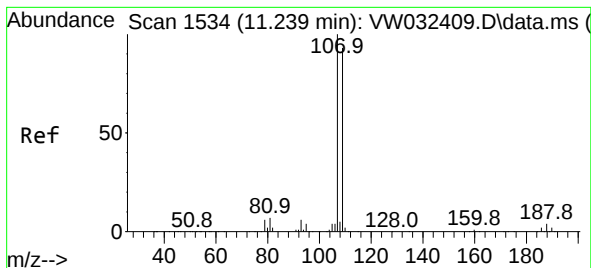
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#60
Dibromochloromethane
Concen: 4.710 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

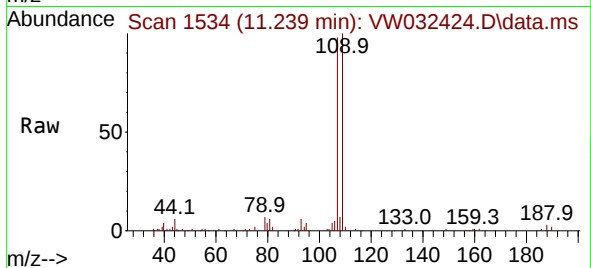
Tgt Ion:129 Resp: 22554
Ion Ratio Lower Upper
129 100
127 78.2 39.2 117.6





#61
1,2-Dibromoethane
Concen: 4.884 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

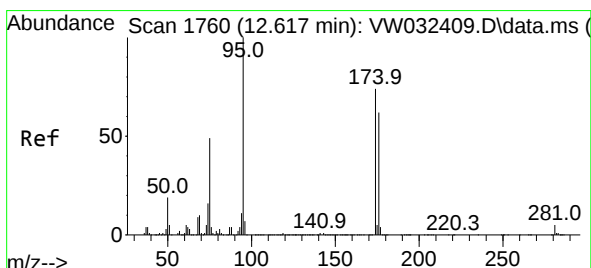
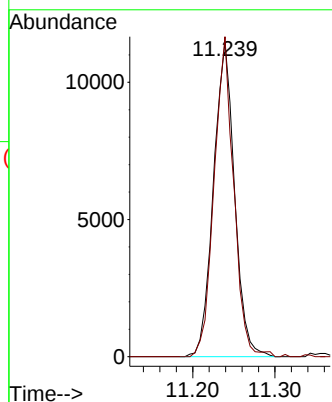
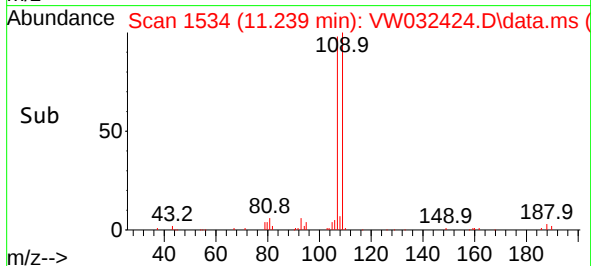
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



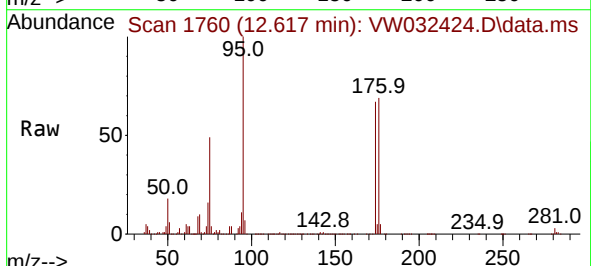
Tgt Ion:107 Resp: 20394
Ion Ratio Lower Upper
107 100
109 94.5 76.3 114.5

Manual Integrations
APPROVED

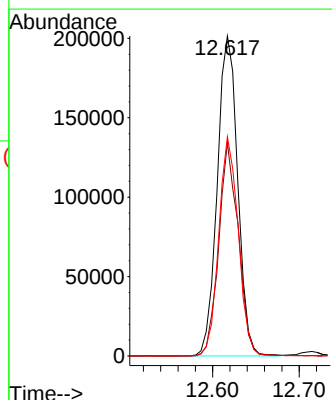
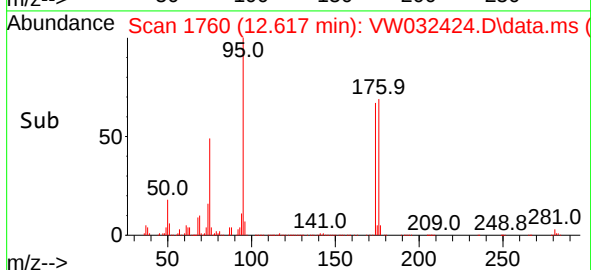
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

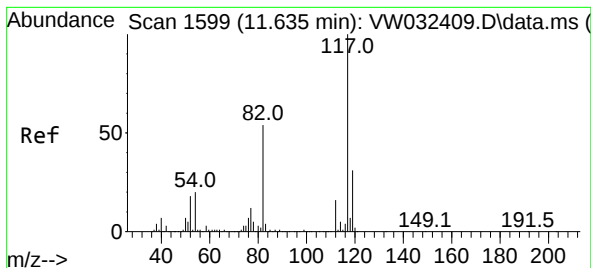


#62
4-Bromofluorobenzene
Concen: 50.325 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49



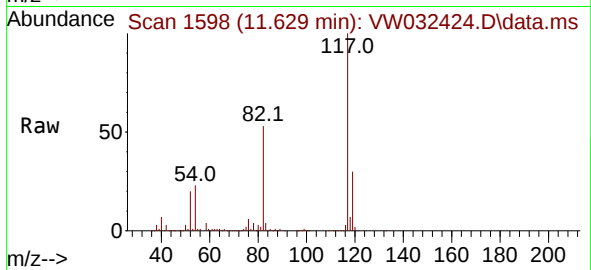
Tgt Ion: 95 Resp: 330155
Ion Ratio Lower Upper
95 100
174 63.9 0.0 135.4
176 65.7 0.0 131.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1159
Delta R.T. -0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

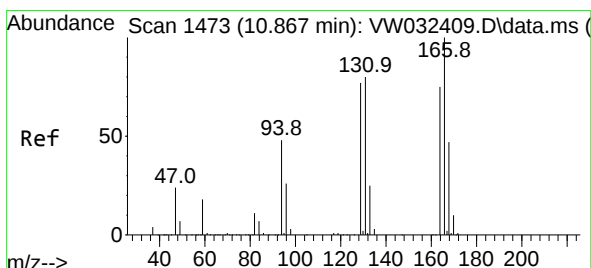
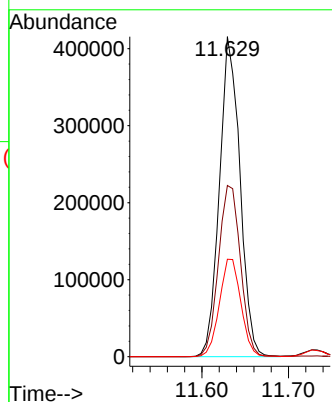
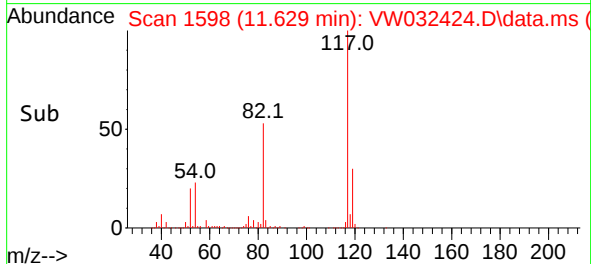
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



Tgt Ion:117 Resp: 684240
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 30.5 25.0 37.6

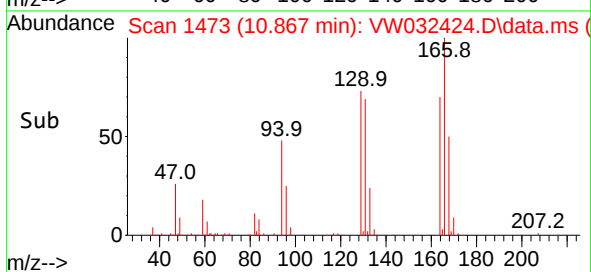
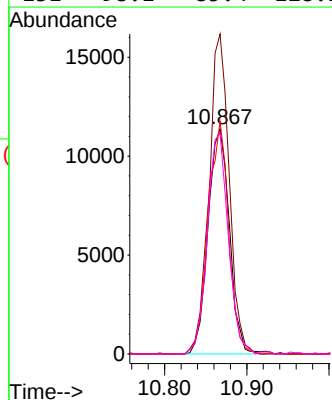
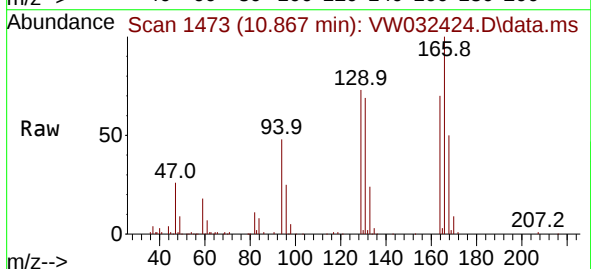
Manual Integrations
APPROVED

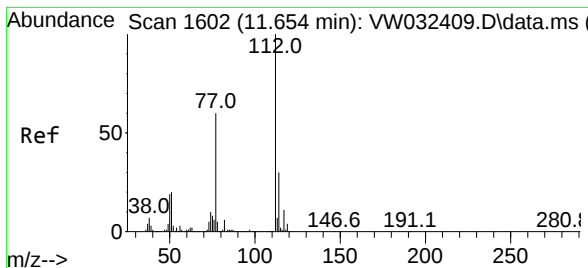
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#64
Tetrachloroethene
Concen: 5.076 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

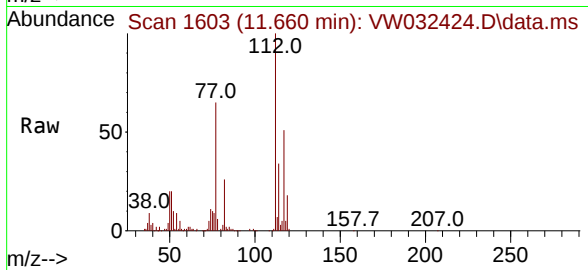
Tgt Ion:164 Resp: 20566
Ion Ratio Lower Upper
164 100
166 142.2 107.0 160.4
129 103.4 82.9 124.3
131 98.1 85.4 128.2





#65
Chlorobenzene
Concen: 5.026 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

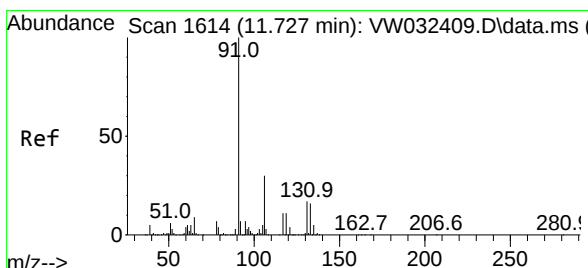
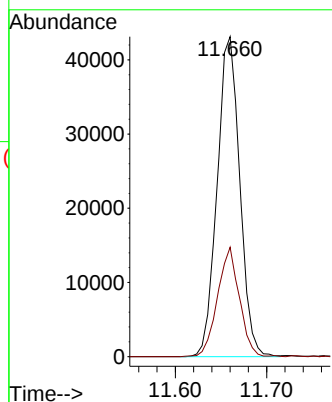
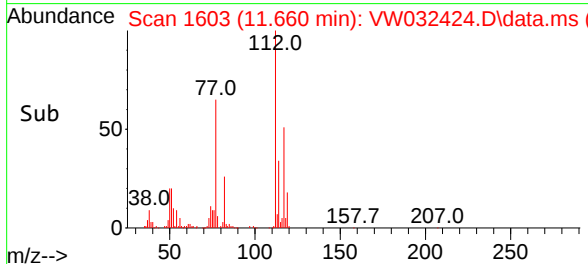
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



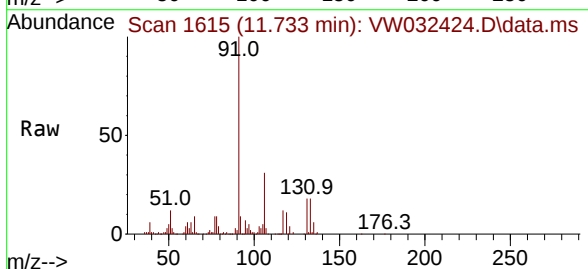
Tgt Ion:112 Resp: 74119
Ion Ratio Lower Upper
112 100
114 34.2 24.4 36.6

Manual Integrations
APPROVED

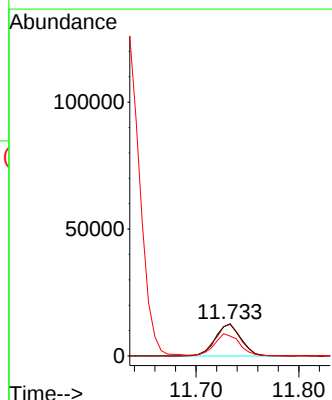
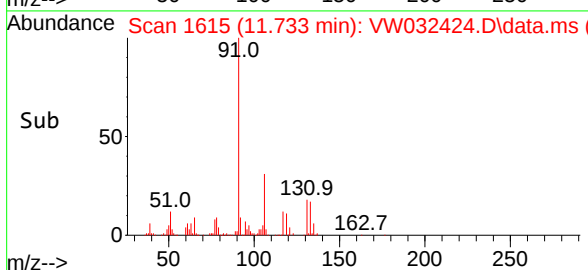
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

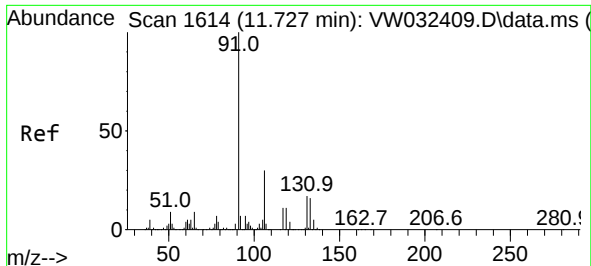


#66
1,1,1,2-Tetrachloroethane
Concen: 4.768 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49



Tgt Ion:131 Resp: 21762
Ion Ratio Lower Upper
131 100
133 98.8 46.9 140.6
119 69.1 33.4 100.2





#67

Ethyl Benzene

Concen: 4.704 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032424.D

Acq: 11 Nov 2025 12:49

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT4-2025

Tgt Ion: 91 Resp: 12004

Ion Ratio Lower Upper

91 100

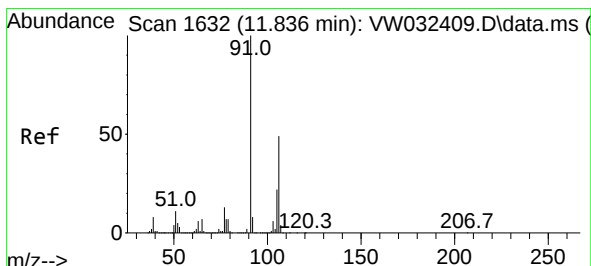
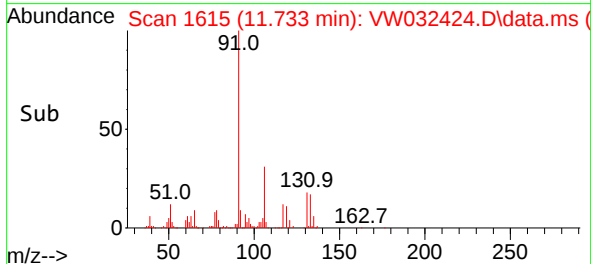
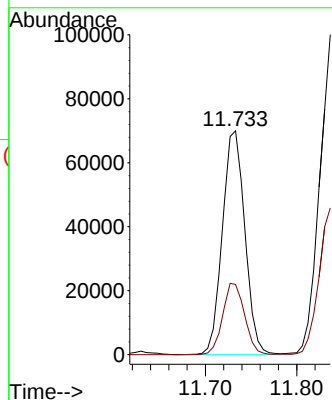
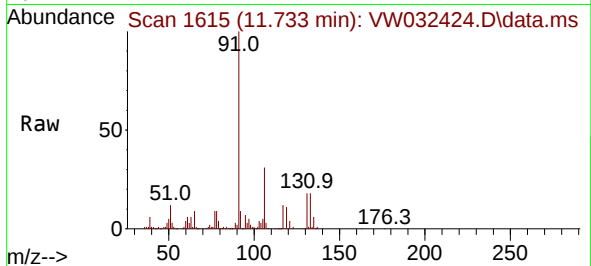
106 31.4 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#68

m/p-Xylenes

Concen: 9.693 ug/l

RT: 11.843 min Scan# 1633

Delta R.T. 0.006 min

Lab File: VW032424.D

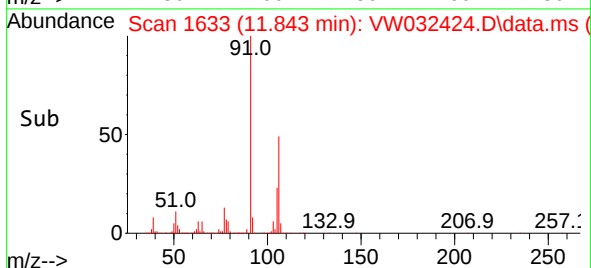
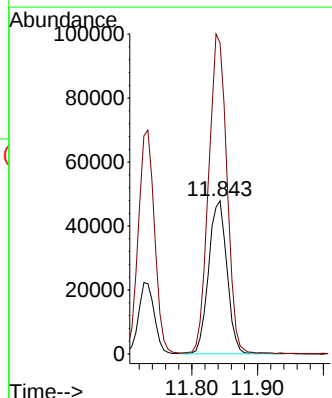
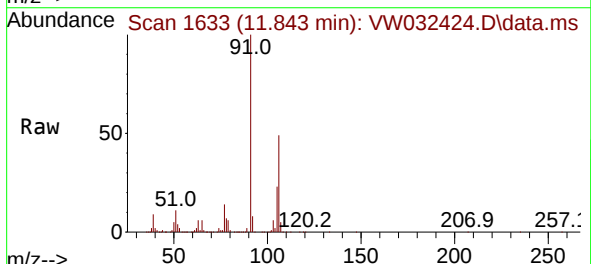
Acq: 11 Nov 2025 12:49

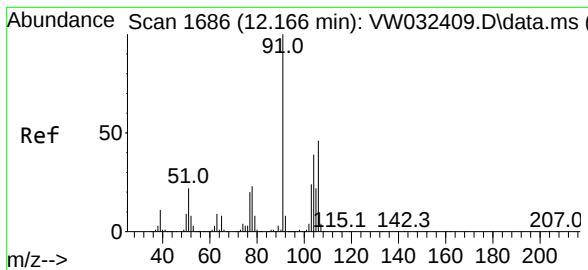
Tgt Ion:106 Resp: 92872

Ion Ratio Lower Upper

106 100

91 208.1 165.5 248.3





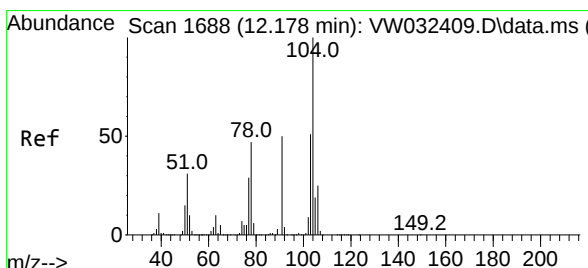
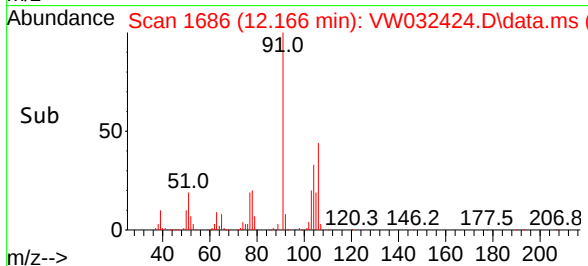
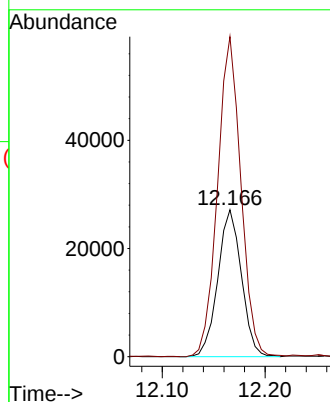
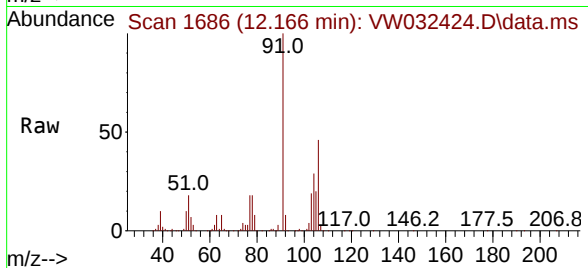
#69
o-Xylene
Concen: 4.717 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

Instrument : MSVOA_W
ClientSampleId : LOQ-SOIL-02-QT4-2025

Tgt Ion:106 Resp: 43269
Ion Ratio Lower Upper
106 100
91 215.6 109.3 327.8

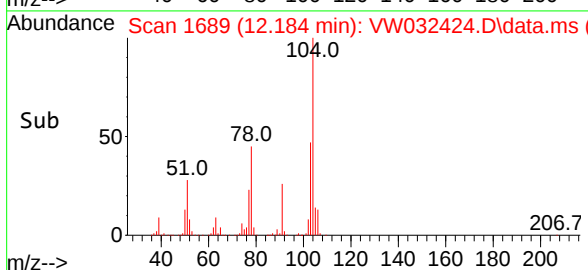
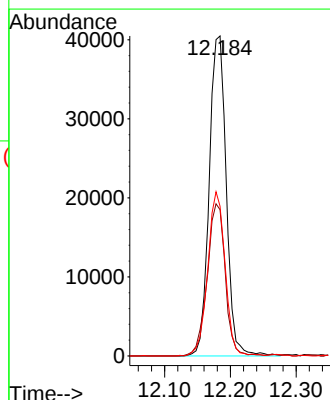
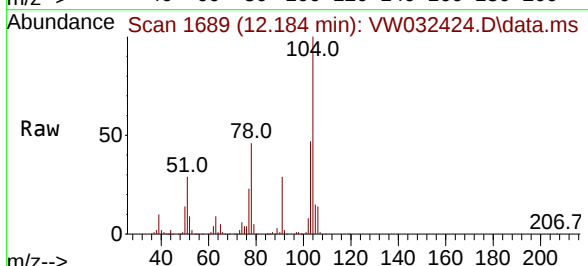
Manual Integrations
APPROVED

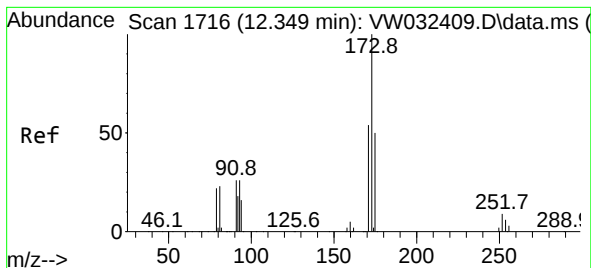
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#70
Styrene
Concen: 4.635 ug/l
RT: 12.184 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

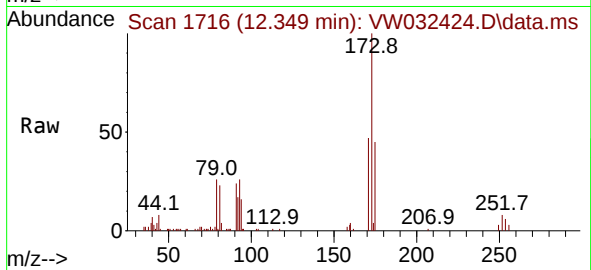
Tgt Ion:104 Resp: 73138
Ion Ratio Lower Upper
104 100
78 50.3 40.7 61.1
103 52.3 43.9 65.9





#71
Bromoform
Concen: 4.318 ug/l
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

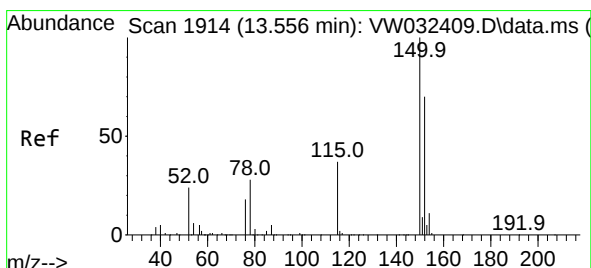
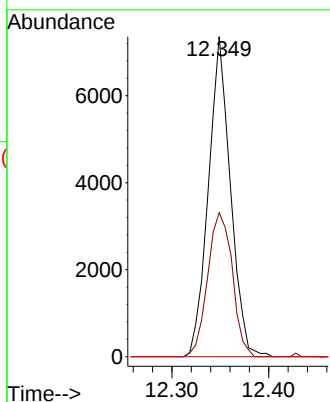
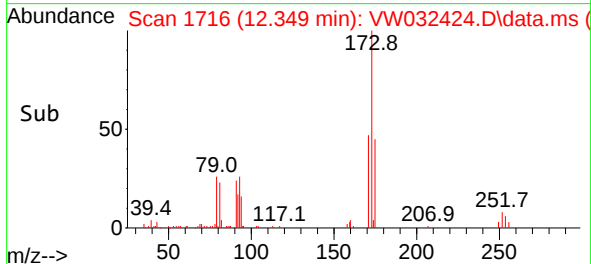
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



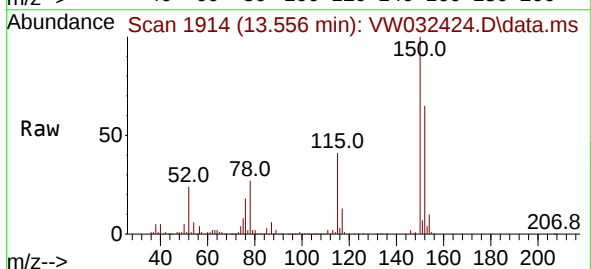
Tgt Ion:173 Resp: 11674
Ion Ratio Lower Upper
173 100
175 50.1 25.1 75.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

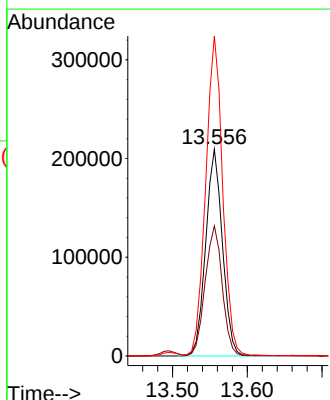
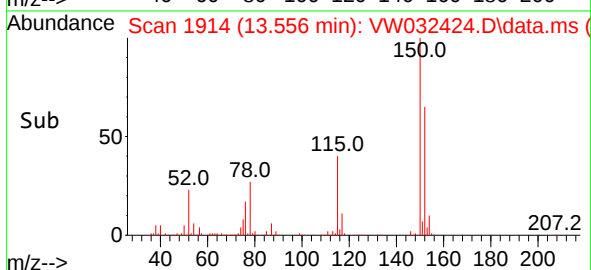
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49



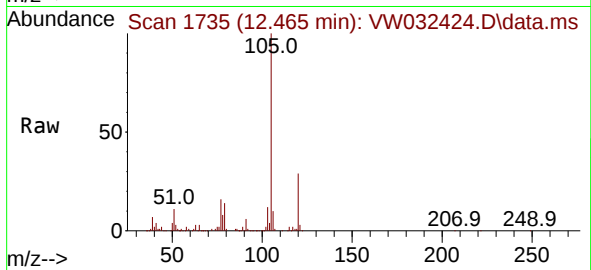
Tgt Ion:152 Resp: 326789
Ion Ratio Lower Upper
152 100
115 63.9 32.8 98.3
150 156.5 0.0 356.6





#73
Isopropylbenzene
Concen: 4.402 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

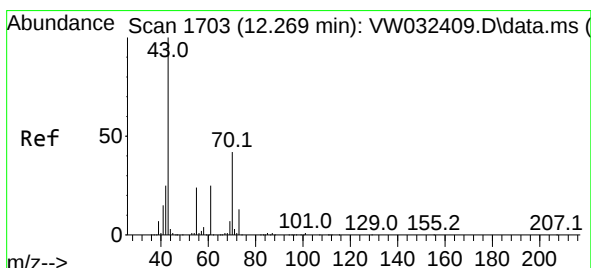
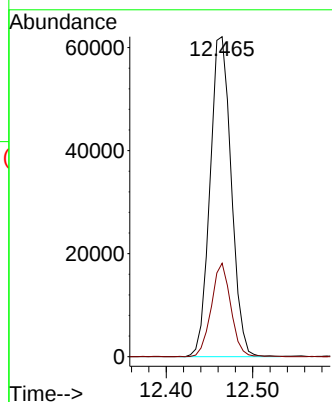
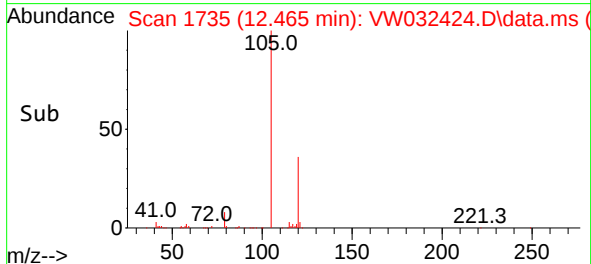
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



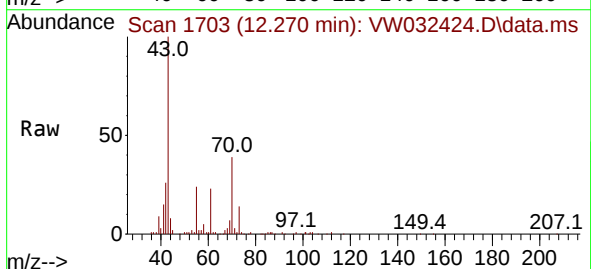
Tgt Ion: 105 Resp: 105650
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.5

Manual Integrations
APPROVED

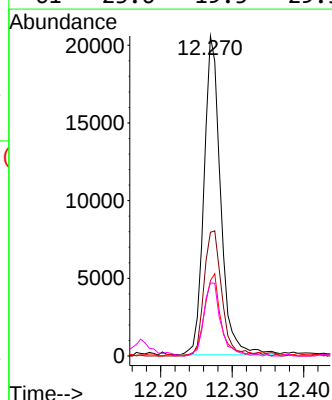
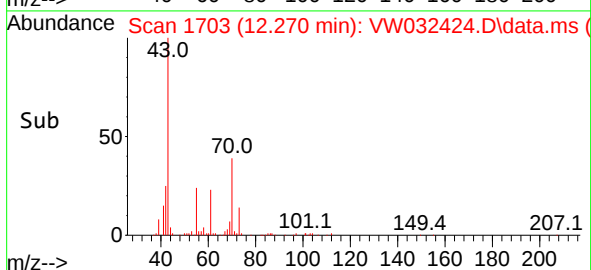
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

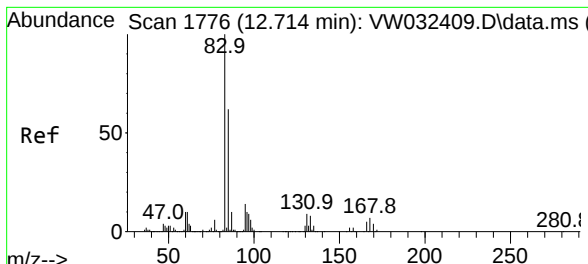


#74
N-ethyl acetate
Concen: 3.999 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49



Tgt Ion: 43 Resp: 33354
Ion Ratio Lower Upper
43 100
70 41.8 33.5 50.3
55 25.3 19.3 28.9
61 23.6 19.5 29.3





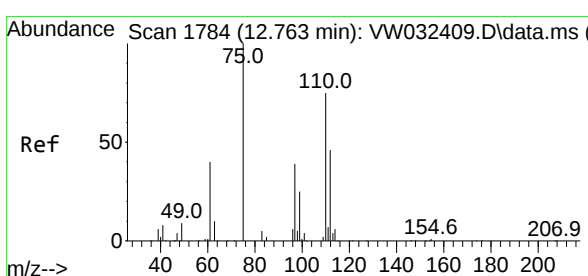
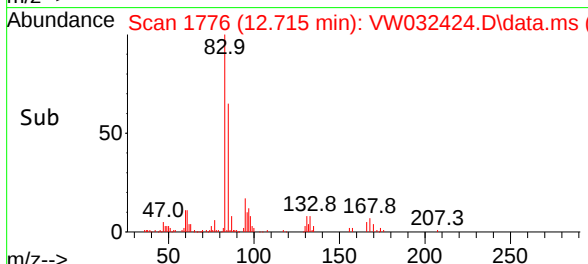
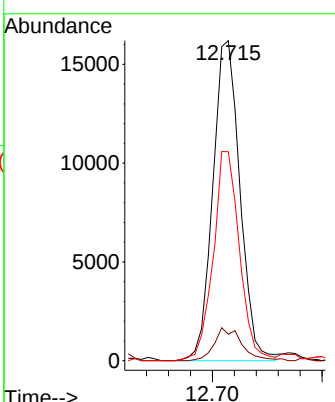
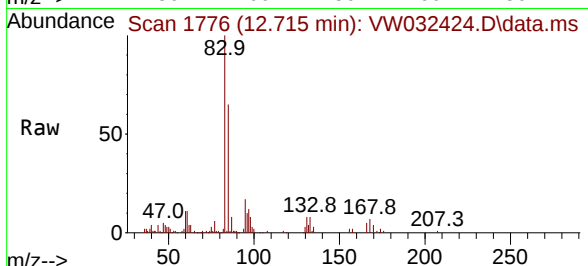
#75
1,1,2,2-Tetrachloroethane
Concen: 4.884 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

Instrument : MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025

Tgt Ion: 83	Resp: 27819
Ion Ratio	Lower Upper
83 100	
131 10.4	5.0 14.9
85 63.4	31.6 94.8

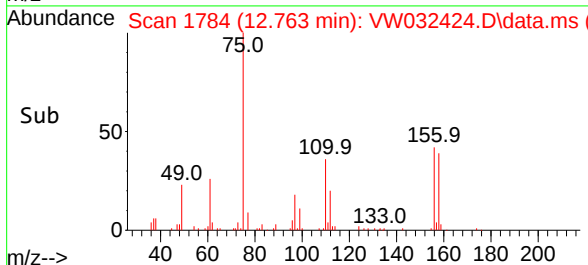
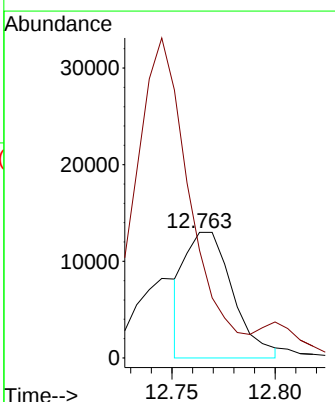
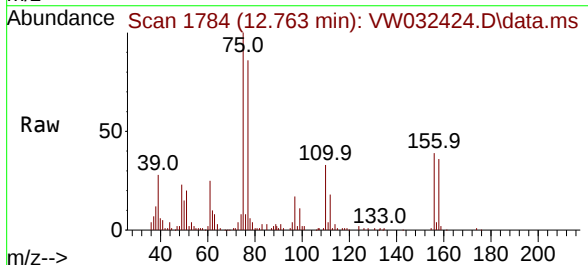
Manual Integrations
APPROVED

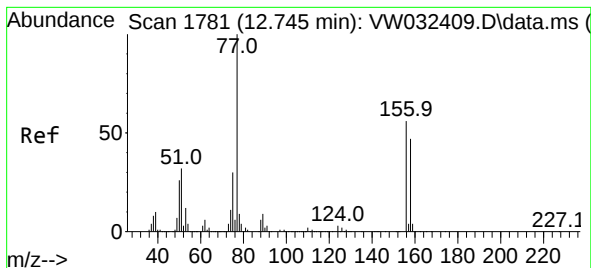
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#76
1,2,3-Trichloropropane
Concen: 4.639 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

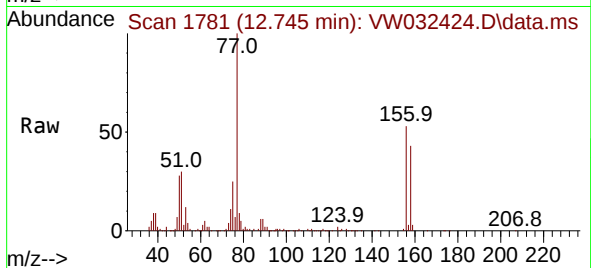
Tgt Ion: 75	Resp: 20786
Ion Ratio	Lower Upper
75 100	
77 295.4	151.6 454.8





#77
Bromobenzene
Concen: 4.900 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

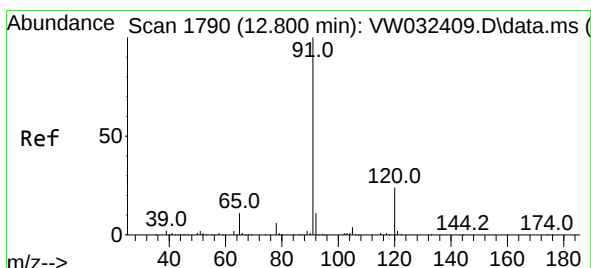
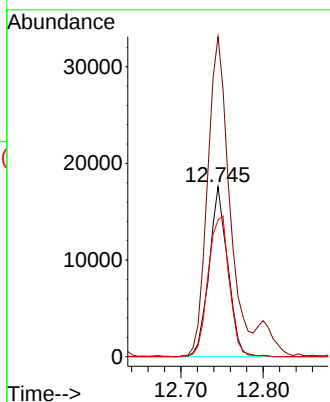
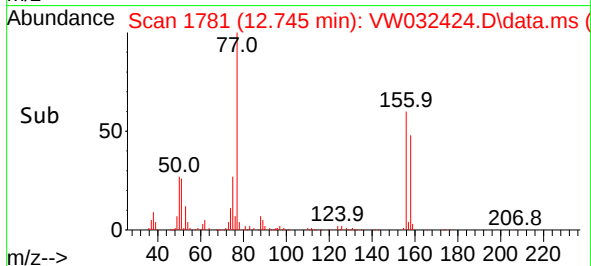
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



Tgt Ion: 156 Resp: 2784
Ion Ratio Lower Upper
156 100
77 220.5 108.0 324.0
158 93.4 45.1 135.5

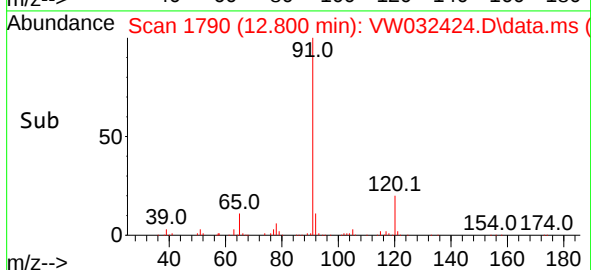
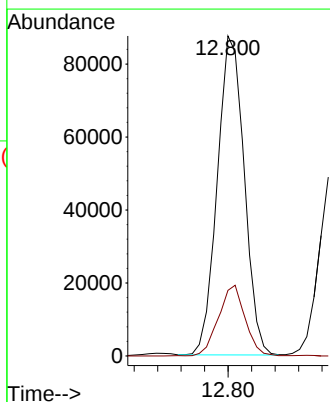
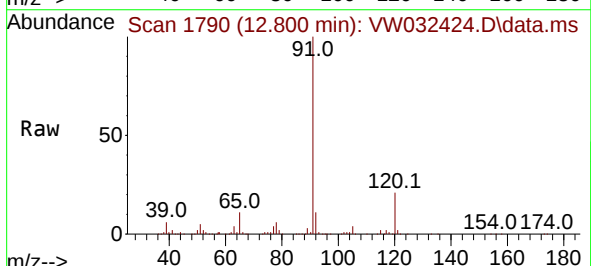
Manual Integrations
APPROVED

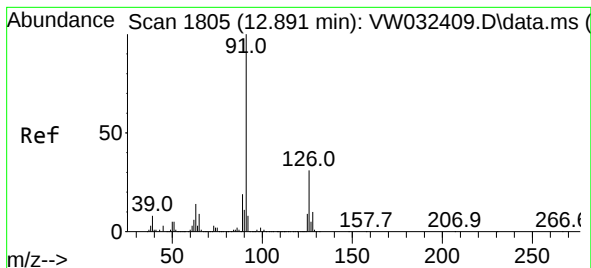
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#78
n-propylbenzene
Concen: 4.761 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

Tgt Ion: 91 Resp: 139169
Ion Ratio Lower Upper
91 100
120 22.0 11.3 33.9





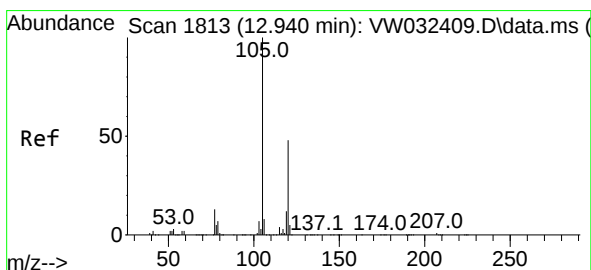
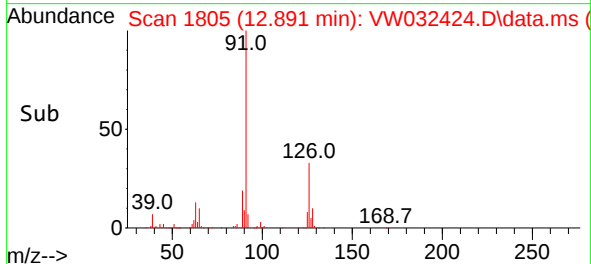
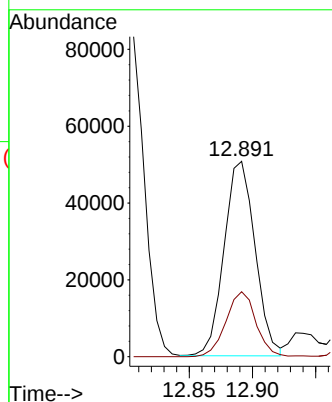
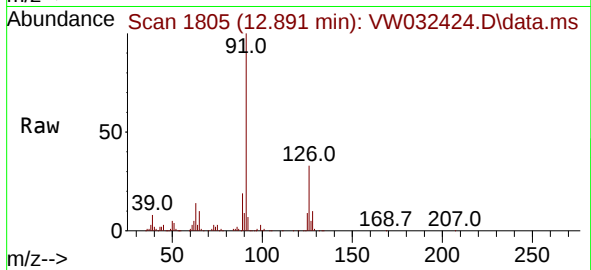
#79
2-Chlorotoluene
Concen: 4.839 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025

Tgt Ion: 91 Resp: 86338
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.2

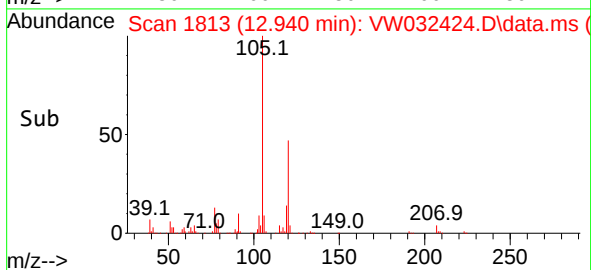
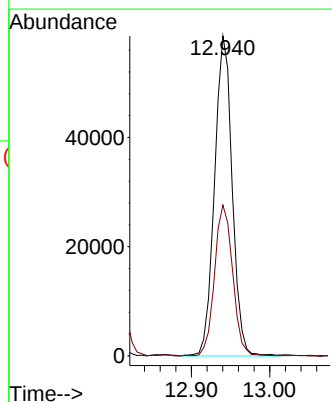
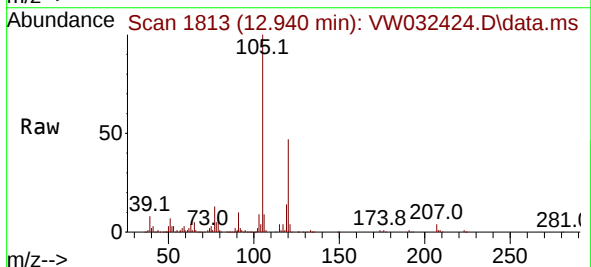
Manual Integrations
APPROVED

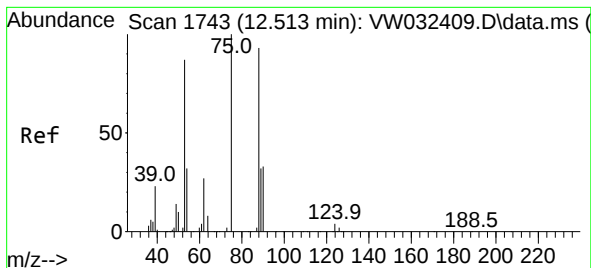
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.640 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

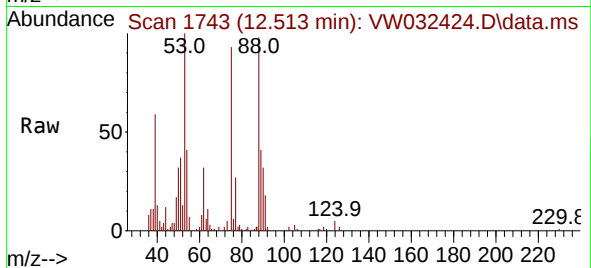
Tgt Ion:105 Resp: 91880
Ion Ratio Lower Upper
105 100
120 48.5 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 3.728 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

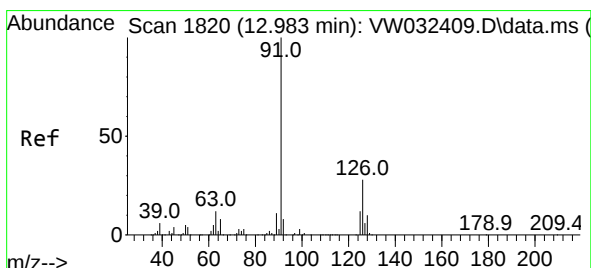
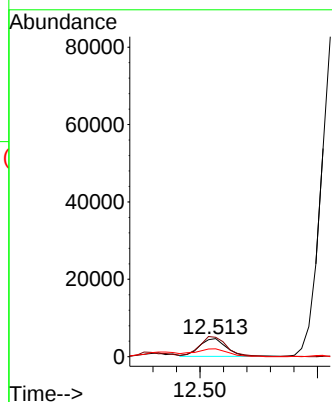
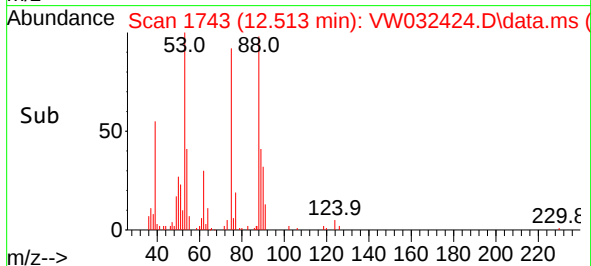
Instrument : MSVOA_W
ClientSampleId : LOQ-SOIL-02-QT4-2025



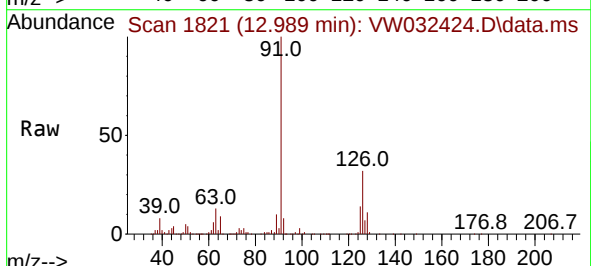
Tgt Ion: 75 Resp: 7294
Ion Ratio Lower Upper
75 100
53 112.9 77.8 116.8
89 54.6 35.6 53.4

Manual Integrations
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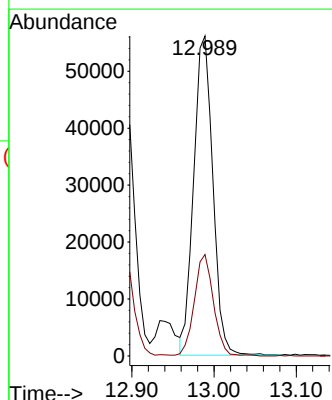
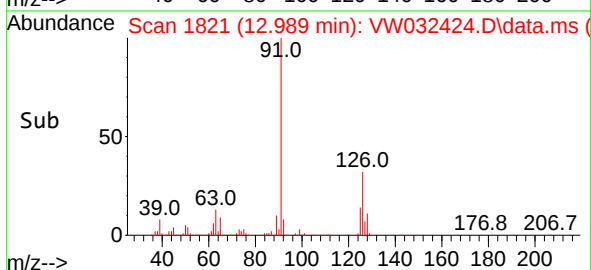
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

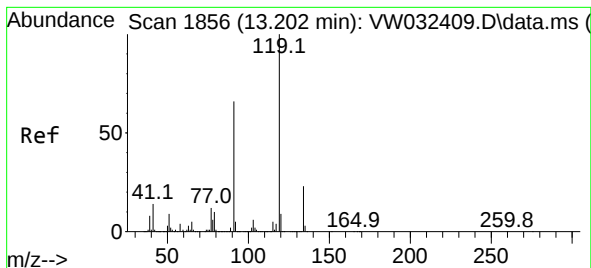


#82
4-Chlorotoluene
Concen: 4.888 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49



Tgt Ion: 91 Resp: 90717
Ion Ratio Lower Upper
91 100
126 31.9 15.5 46.5





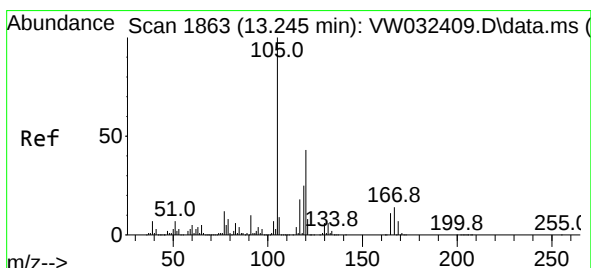
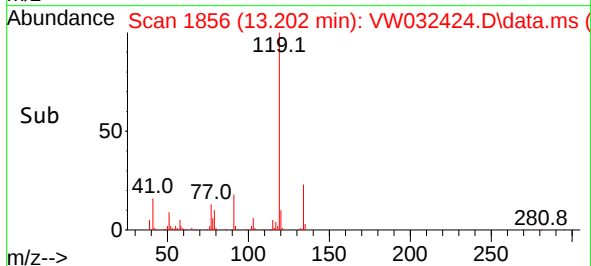
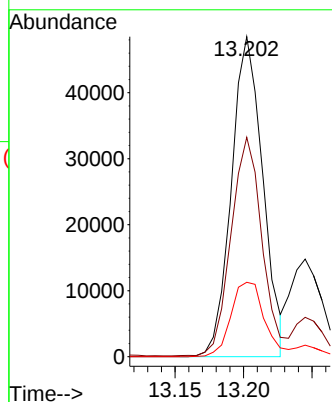
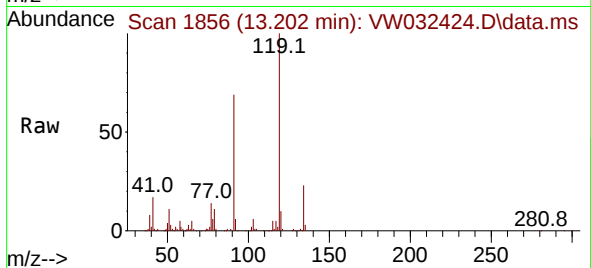
#83
tert-Butylbenzene
Concen: 4.494 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

Instrument : MSVOA_W
ClientSampleId : LOQ-SOIL-02-QT4-2025

Tgt Ion:119 Resp: 77398
Ion Ratio Lower Upper
119 100
91 67.9 33.3 99.9
134 24.9 12.2 36.4

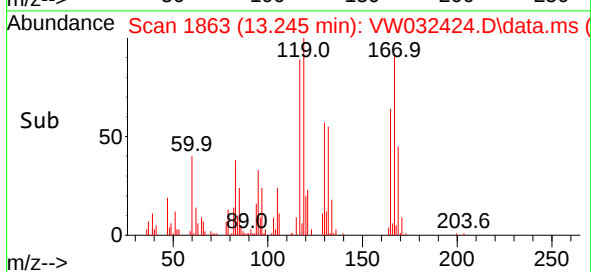
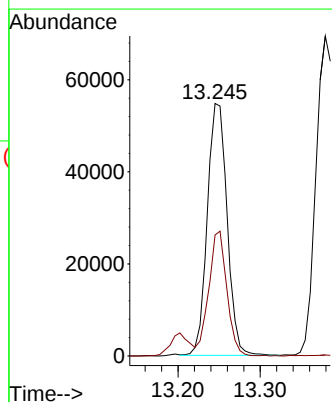
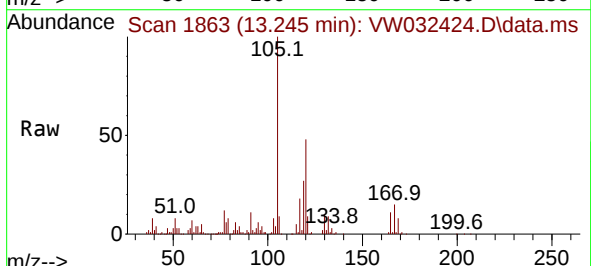
Manual Integrations
APPROVED

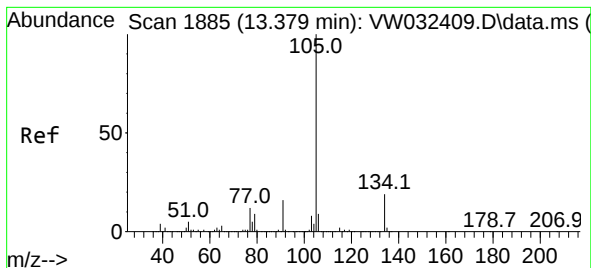
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#84
1,2,4-Trimethylbenzene
Concen: 4.548 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

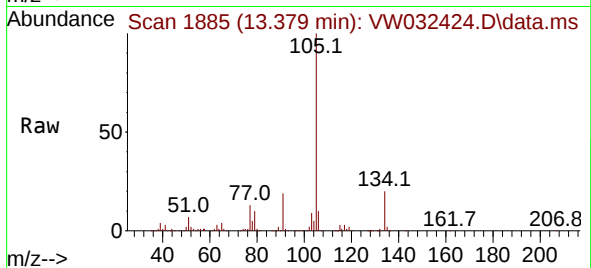
Tgt Ion:105 Resp: 91590
Ion Ratio Lower Upper
105 100
120 45.1 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 4.538 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032424.D
 Acq: 11 Nov 2025 12:49

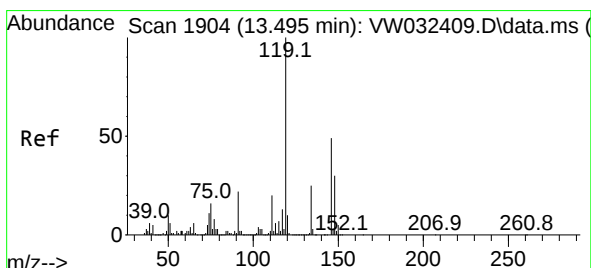
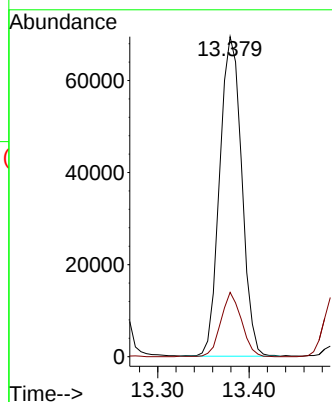
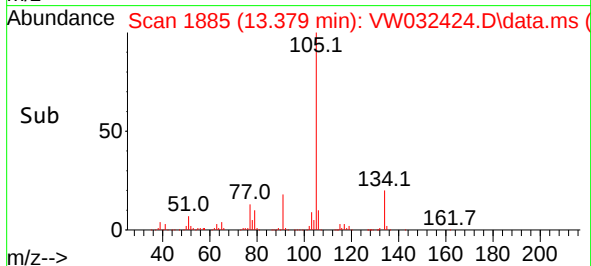
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025



Tgt Ion:105 Resp: 116408
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3

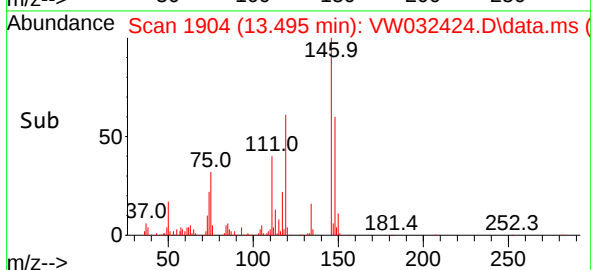
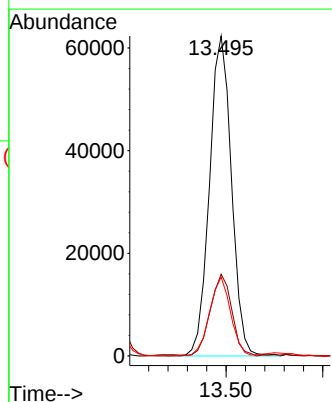
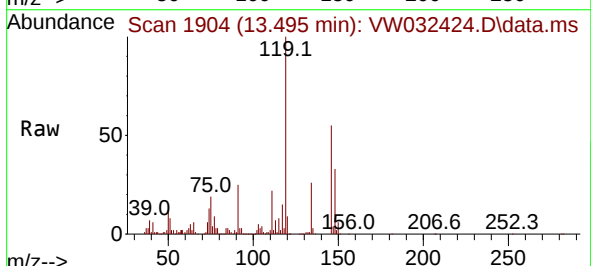
Manual Integrations
 APPROVED

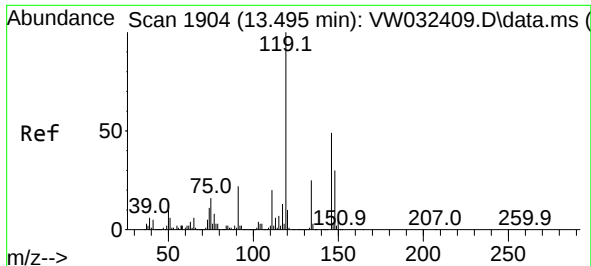
Reviewed By :Amit Patel 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#86
 p-Isopropyltoluene
 Concen: 4.648 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032424.D
 Acq: 11 Nov 2025 12:49

Tgt Ion:119 Resp: 98445
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.1
 91 23.8 11.9 35.5





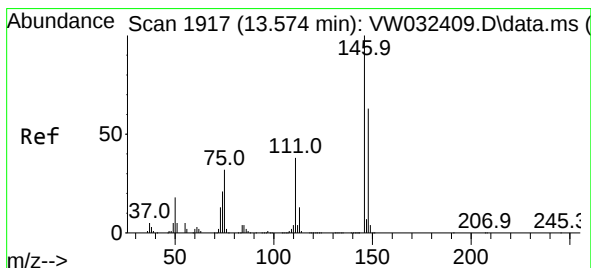
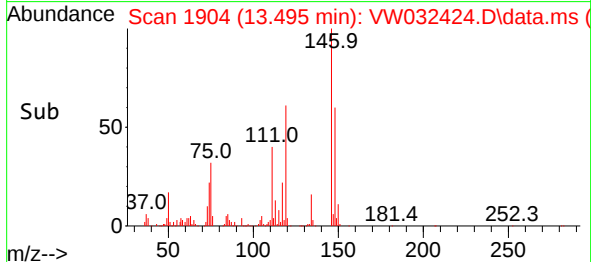
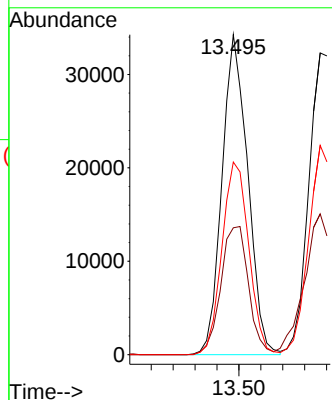
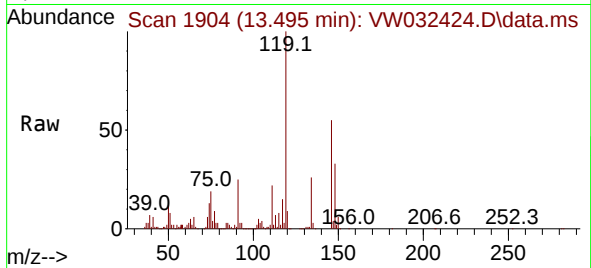
#87
1,3-Dichlorobenzene
Concen: 5.184 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025

Tgt Ion:146 Resp: 5585
Ion Ratio Lower Upper
146 100
111 43.2 22.2 66.6
148 62.9 33.4 100.1

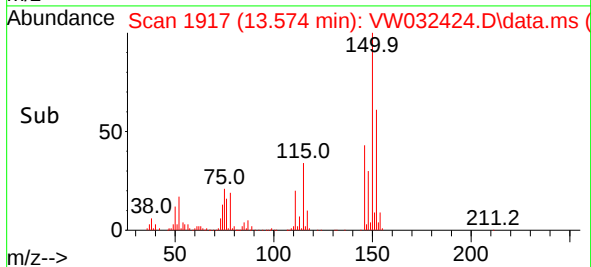
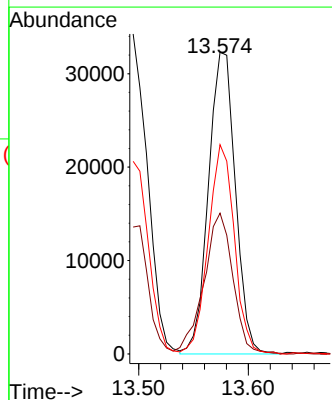
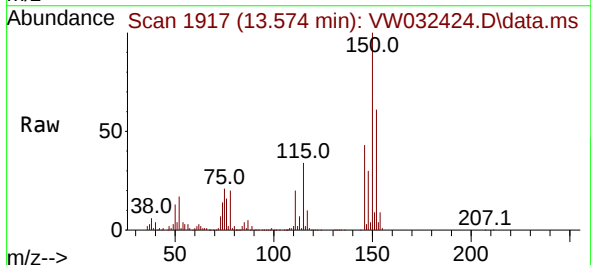
Manual Integrations
APPROVED

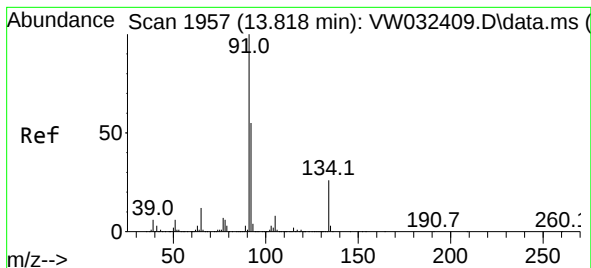
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#88
1,4-Dichlorobenzene
Concen: 5.006 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

Tgt Ion:146 Resp: 55255
Ion Ratio Lower Upper
146 100
111 50.3 20.5 61.6
148 67.4 31.2 93.6





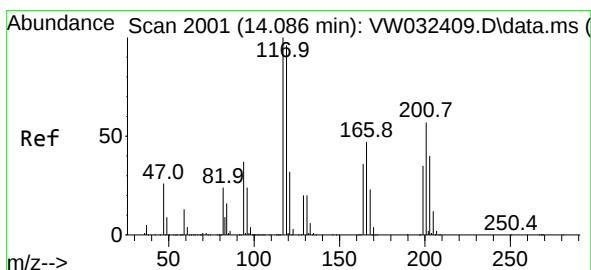
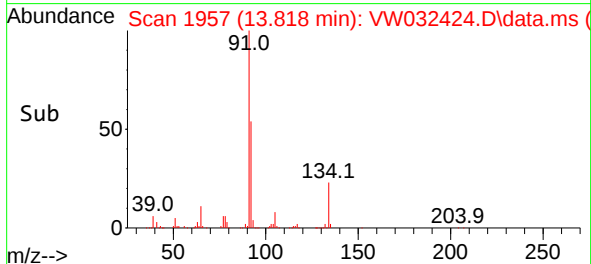
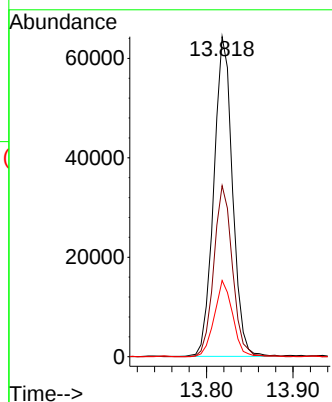
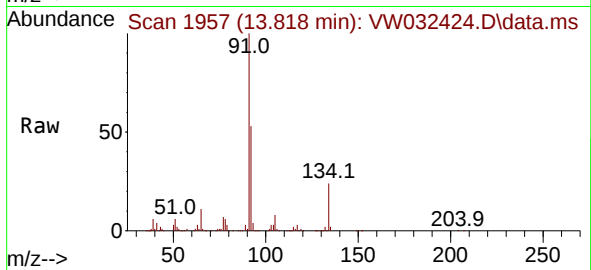
#89
n-Butylbenzene
Concen: 4.664 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025

Tgt Ion: 91	Resp: 9650
Ion Ratio	Lower Upper
91 100	
92 53.3	27.4 82.2
134 23.6	12.4 37.4

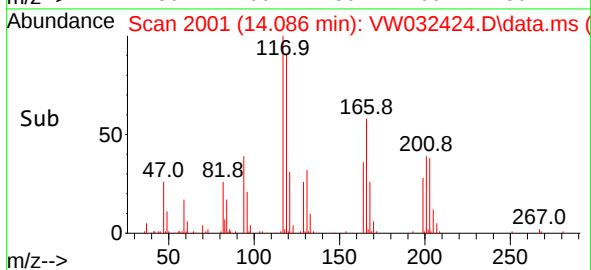
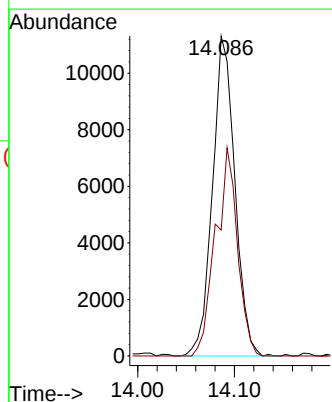
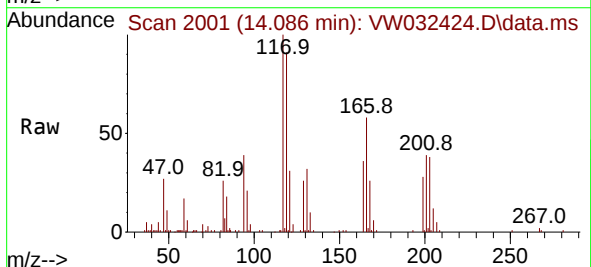
Manual Integrations
APPROVED

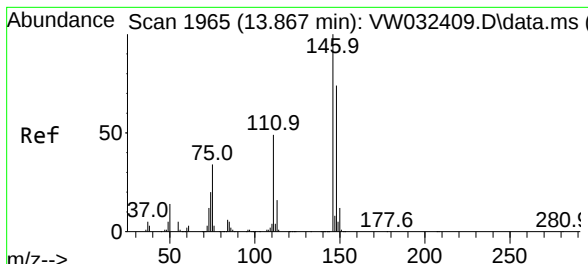
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#90
Hexachloroethane
Concen: 4.758 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

Tgt Ion:117	Resp: 18170
Ion Ratio	Lower Upper
117 100	
201 63.8	32.0 96.0





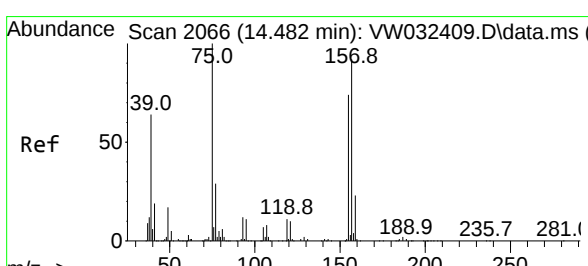
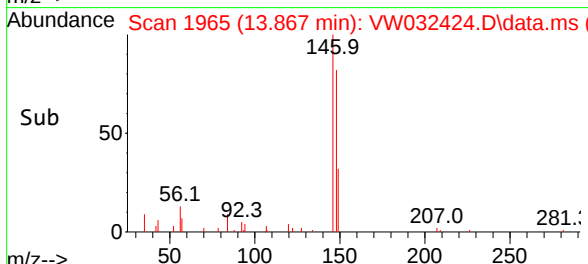
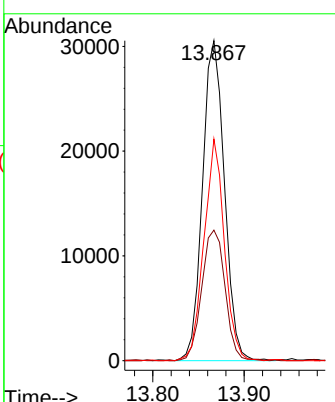
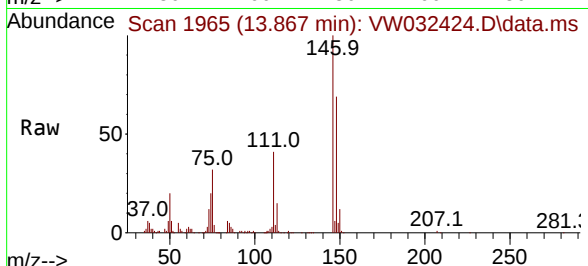
#91
 1,2-Dichlorobenzene
 Concen: 5.139 ug/l
 RT: 13.867 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VW032424.D
 Acq: 11 Nov 2025 12:49

Instrument : MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

Tgt Ion:	146	Resp:	50830
Ion Ratio	Lower	Upper	
146	100		
111	43.4	23.4	70.2
148	64.5	34.0	101.8

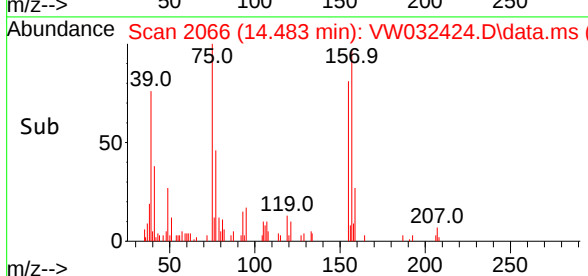
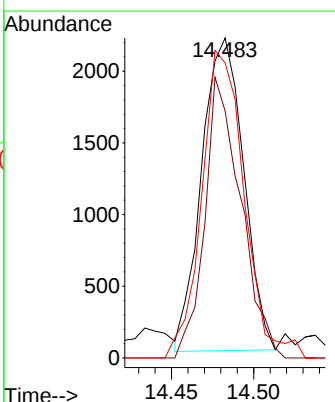
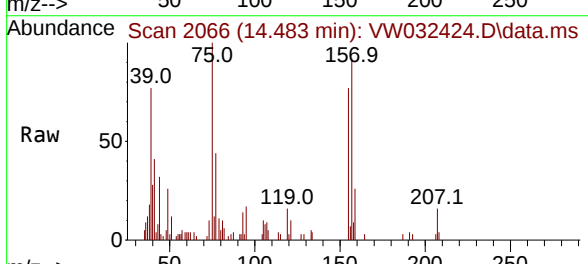
Manual Integrations
 APPROVED

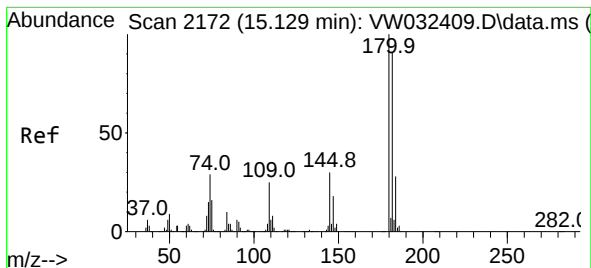
Reviewed By :Amit Patel 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.935 ug/l
 RT: 14.483 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VW032424.D
 Acq: 11 Nov 2025 12:49

Tgt Ion:	75	Resp:	3861
Ion Ratio	Lower	Upper	
75	100		
155	77.4	36.2	108.6
157	100.1	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 4.761 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032424.D

Acq: 11 Nov 2025 12:49

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT4-2025

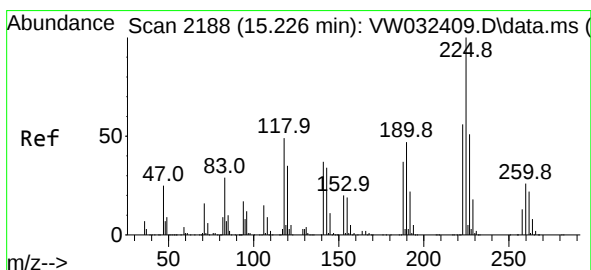
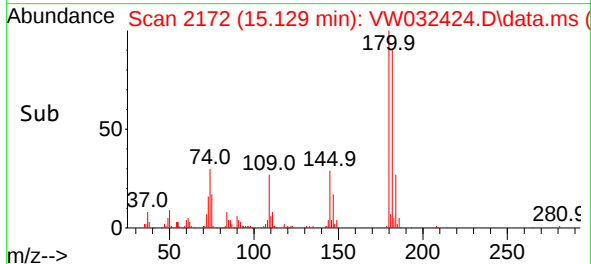
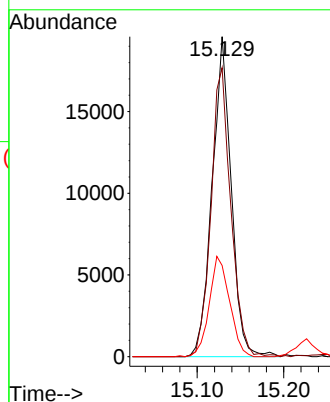
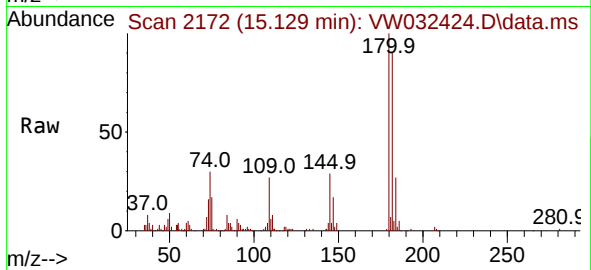
Tgt Ion:180	Resp:	2996
Ion Ratio	Lower	Upper
180	100	
182	93.9	45.3 135.9
145	33.4	16.2 48.5

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#94

Hexachlorobutadiene

Concen: 5.105 ug/l

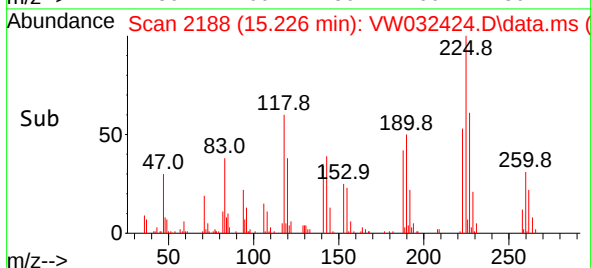
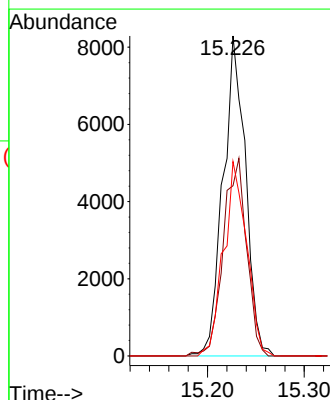
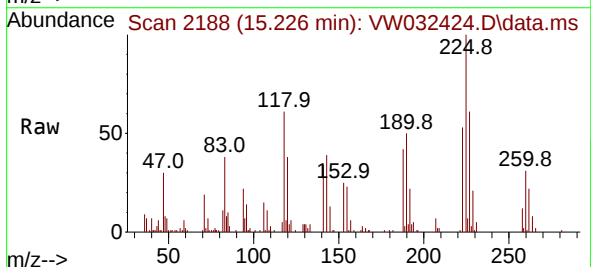
RT: 15.226 min Scan# 2188

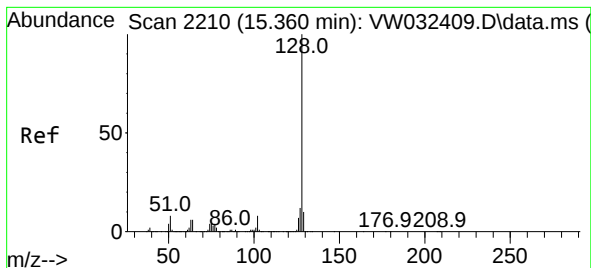
Delta R.T. 0.000 min

Lab File: VW032424.D

Acq: 11 Nov 2025 12:49

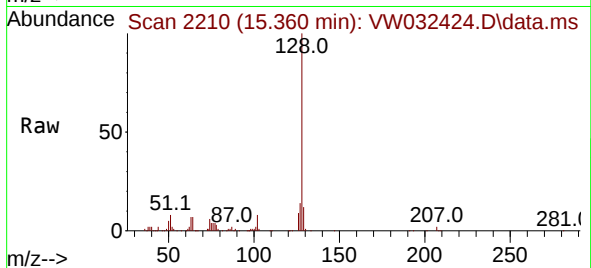
Tgt Ion:225	Resp:	13347
Ion Ratio	Lower	Upper
225	100	
223	64.1	30.6 91.8
227	62.5	29.8 89.4





#95
Naphthalene
Concen: 3.941 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

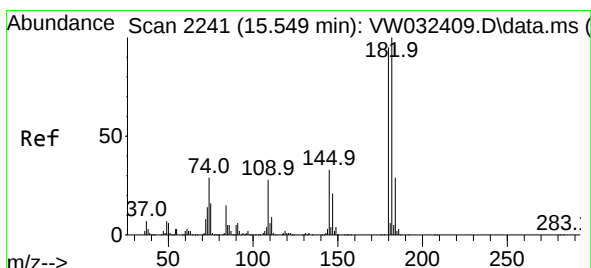
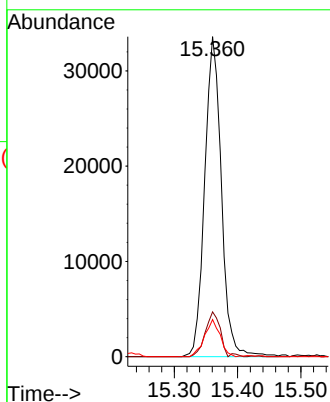
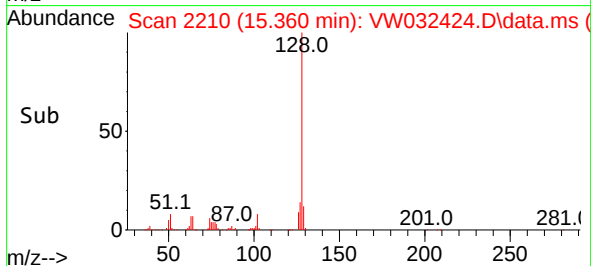
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2025



Tgt Ion:128 Resp: 6185
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.6 12.8

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Supervised By :Mahesh Dadoda 11/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.613 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW032424.D
Acq: 11 Nov 2025 12:49

Tgt Ion:180 Resp: 26358
Ion Ratio Lower Upper
180 100
182 91.7 50.3 151.0
145 37.4 17.8 53.3

