

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
 Data File : VW032423.D
 Acq On : 11 Nov 2025 12:28
 Operator : SY/MD
 Sample : Q3530-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Quant Time: Nov 12 03:47:07 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	407563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	752467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	683543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	329831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	272295	51.822	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 103.640%			
35) Dibromofluoromethane	7.904	113	233887	51.915	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 103.820%			
50) Toluene-d8	10.324	98	897315	51.918	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 103.840%			
62) 4-Bromofluorobenzene	12.617	95	334279	51.199	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 102.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.051	85	8833m	4.272	ug/l	
3) Chloromethane	2.253	50	16407	4.629	ug/l	89
4) Vinyl Chloride	2.399	62	19065	4.262	ug/l	89
5) Bromomethane	2.826	94	13955	4.664	ug/l	98
6) Chloroethane	2.972	64	12384	4.232	ug/l	92
7) Trichlorofluoromethane	3.307	101	13543	3.862	ug/l #	79
8) Diethyl Ether	3.722	74	12388	4.320	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.112	101	16843	4.409	ug/l	97
10) Methyl Iodide	4.313	142	26201	4.258	ug/l	97
11) Tert butyl alcohol	5.222	59	11481	25.269	ug/l #	93
12) 1,1-Dichloroethene	4.075	96	19754	4.509	ug/l #	92
13) Acrolein	3.941	56	12789	16.776	ug/l	95
14) Allyl chloride	4.709	41	33925	4.027	ug/l	98
15) Acrylonitrile	5.404	53	32962	19.882	ug/l	99
16) Acetone	4.167	43	31736	20.188	ug/l	97
17) Carbon Disulfide	4.423	76	52629	4.065	ug/l	98
18) Methyl Acetate	4.709	43	16836	4.325	ug/l	96
19) Methyl tert-butyl Ether	5.471	73	37564	4.068	ug/l	92
20) Methylene Chloride	4.959	84	29987	5.334	ug/l	91
21) trans-1,2-Dichloroethene	5.459	96	20875	4.167	ug/l	97
22) Diisopropyl ether	6.337	45	69699	4.064	ug/l	92
23) Vinyl Acetate	6.288	43	218316	18.578	ug/l	98
24) 1,1-Dichloroethane	6.246	63	40082	4.265	ug/l	98
25) 2-Butanone	7.203	43	44004	19.000	ug/l	97
26) 2,2-Dichloropropane	7.191	77	25663	4.900	ug/l	93
27) cis-1,2-Dichloroethene	7.191	96	25231	4.216	ug/l	95
28) Bromochloromethane	7.532	49	18427	4.149	ug/l	99
29) Tetrahydrofuran	7.563	42	27915	18.990	ug/l	98
30) Chloroform	7.697	83	41256	4.485	ug/l	97
31) Cyclohexane	7.971	56	42014	4.833	ug/l #	79
32) 1,1,1-Trichloroethane	7.886	97	29309	4.460	ug/l	95
36) 1,1-Dichloropropene	8.099	75	27468	4.138	ug/l	97
37) Ethyl Acetate	7.282	43	20210	4.094	ug/l	96
38) Carbon Tetrachloride	8.081	117	24889	4.220	ug/l	97
39) Methylcyclohexane	9.343	83	33498	3.895	ug/l	87
40) Benzene	8.337	78	92930	4.347	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	10071	3.714	ug/l	95
42) 1,2-Dichloroethane	8.416	62	27400	4.364	ug/l	99
43) Isopropyl Acetate	8.434	43	34477	3.945	ug/l	98
44) Trichloroethene	9.105	130	19938	4.008	ug/l	100
45) 1,2-Dichloropropane	9.379	63	22632	4.252	ug/l	96
46) Dibromomethane	9.471	93	12747	4.098	ug/l	96
47) Bromodichloromethane	9.648	83	28421	4.006	ug/l	96
48) Methyl methacrylate	9.446	41	16342m	3.935	ug/l	
49) 1,4-Dioxane	9.465	88	3383	77.638	ug/l #	80
51) 4-Methyl-2-Pentanone	10.215	43	91175	18.870	ug/l	99
52) Toluene	10.391	92	56405	4.272	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	27574	3.773	ug/l	97
54) cis-1,3-Dichloropropene	10.074	75	33247	3.934	ug/l	97
55) 1,1,2-Trichloroethane	10.794	97	18403	4.313	ug/l	92
56) Ethyl methacrylate	10.647	69	23438	3.580	ug/l	97
57) 1,3-Dichloropropane	10.934	76	31313	4.109	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.928	63	56992	16.346	ug/l	99
59) 2-Hexanone	10.971	43	62192	17.593	ug/l	97
60) Dibromochloromethane	11.129	129	18804	3.946	ug/l	99
61) 1,2-Dibromoethane	11.239	107	17078	4.109	ug/l	98
64) Tetrachloroethene	10.867	164	17925	4.428	ug/l #	90
65) Chlorobenzene	11.659	112	60909	4.134	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.726	131	17936	3.934	ug/l	96
67) Ethyl Benzene	11.733	91	100486	3.942	ug/l	99
68) m/p-Xylenes	11.836	106	76406	7.983	ug/l	97
69) o-Xylene	12.165	106	35342	3.856	ug/l	96
70) Styrene	12.178	104	59170	3.753	ug/l	99
71) Bromoform	12.348	173	9985	3.697	ug/l #	98
73) Isopropylbenzene	12.464	105	85723	3.539	ug/l	100
74) N-amyl acetate	12.269	43	27801	3.303	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	22446	3.904	ug/l	95
76) 1,2,3-Trichloropropane	12.763	75	20081m	4.440	ug/l	
77) Bromobenzene	12.745	156	22342	3.895	ug/l	96
78) n-propylbenzene	12.799	91	110921	3.760	ug/l	98
79) 2-Chlorotoluene	12.891	91	70425	3.911	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	73959	3.701	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	6147	3.113	ug/l #	78
82) 4-Chlorotoluene	12.988	91	74190	3.961	ug/l	98
83) tert-Butylbenzene	13.202	119	60161	3.461	ug/l	95
84) 1,2,4-Trimethylbenzene	13.245	105	75383	3.709	ug/l	98
85) sec-Butylbenzene	13.379	105	91359	3.529	ug/l	99
86) p-Isopropyltoluene	13.494	119	75967	3.554	ug/l	99
87) 1,3-Dichlorobenzene	13.494	146	45320	4.168	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	44886	4.029	ug/l	87
89) n-Butylbenzene	13.818	91	76465	3.661	ug/l	98
90) Hexachloroethane	14.092	117	14744	3.825	ug/l	93
91) 1,2-Dichlorobenzene	13.866	146	42568	4.264	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	3709	3.745	ug/l	98
93) 1,2,4-Trichlorobenzene	15.128	180	23993	3.777	ug/l	95
94) Hexachlorobutadiene	15.226	225	10566	4.004	ug/l	94
95) Naphthalene	15.360	128	51068	3.224	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	22018	3.818	ug/l	91

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ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

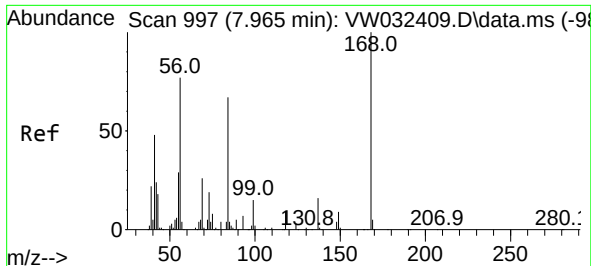
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/12/2025

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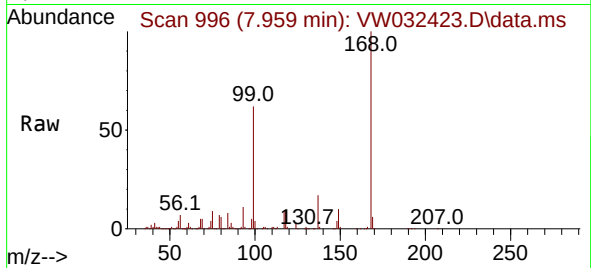
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032423.D
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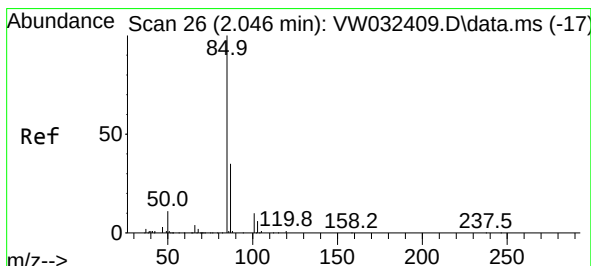
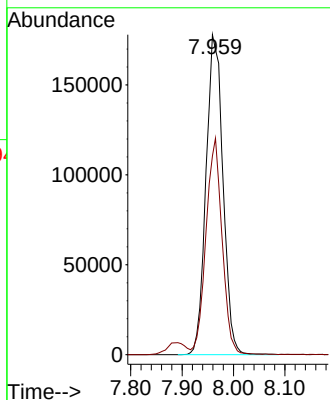
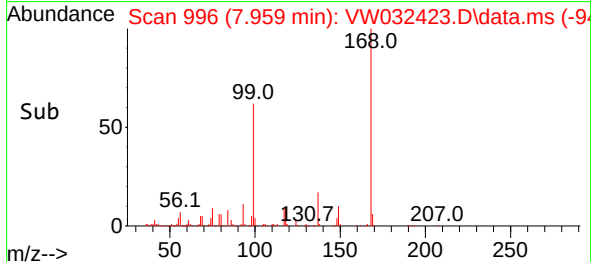
Instrument :
MSVOA_W
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LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:168 Resp: 40756
Ion Ratio Lower Upper
168 100
99 62.0 45.4 68.2

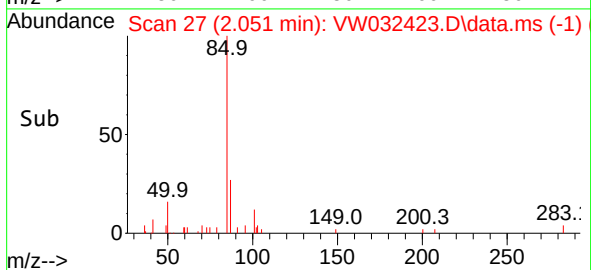
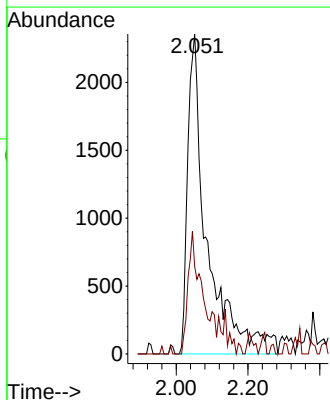
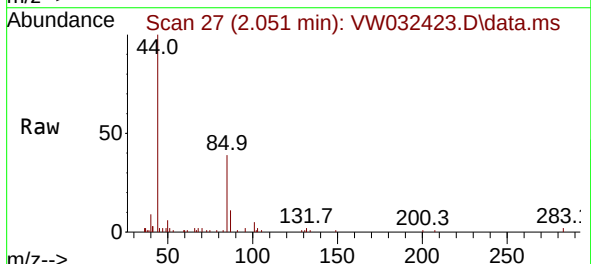
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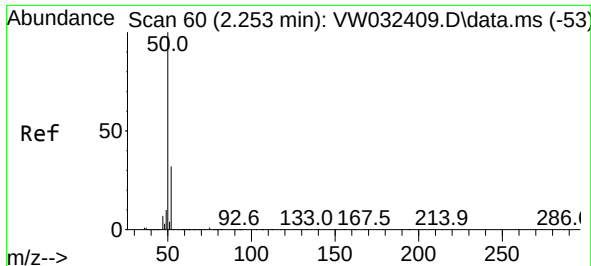
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#2
Dichlorodifluoromethane
Concen: 4.272 ug/l m
RT: 2.051 min Scan# 27
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 85 Resp: 8833
Ion Ratio Lower Upper
85 100
87 27.3 17.4 52.2





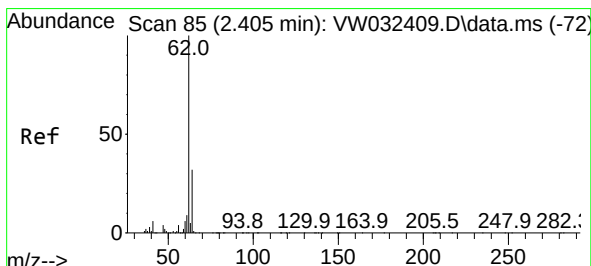
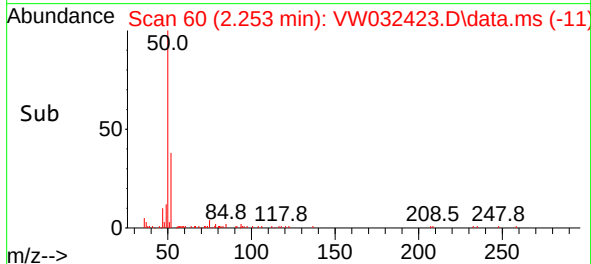
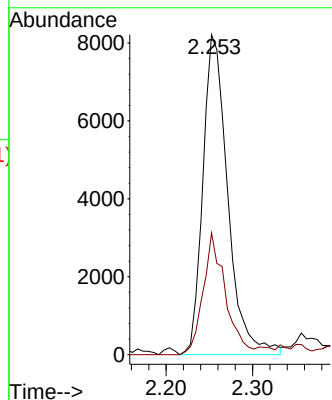
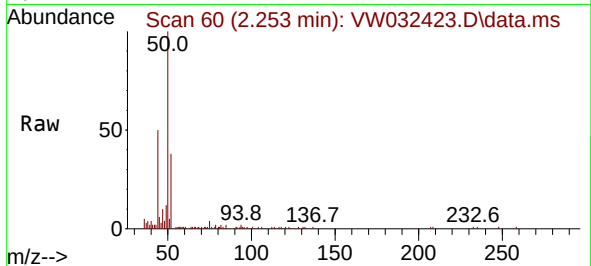
#3
Chloromethane
Concen: 4.629 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 50 Resp: 1640
Ion Ratio Lower Upper
50 100
52 38.1 25.5 38.3

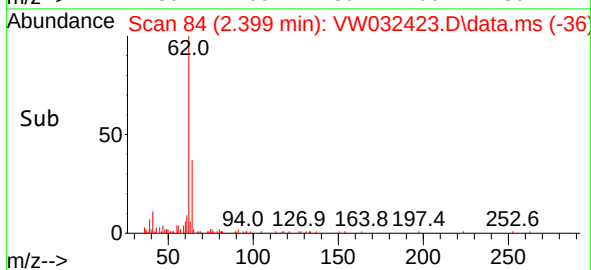
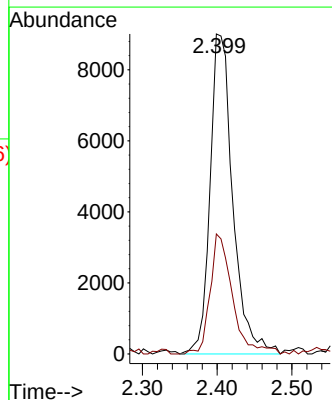
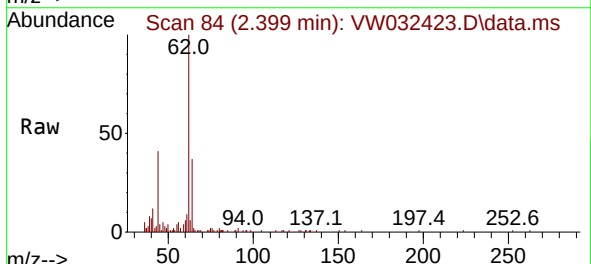
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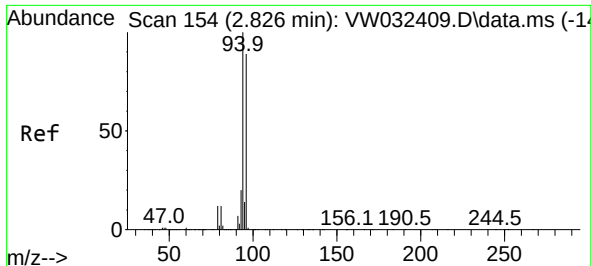
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#4
Vinyl Chloride
Concen: 4.262 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 62 Resp: 19065
Ion Ratio Lower Upper
62 100
64 37.5 25.2 37.8





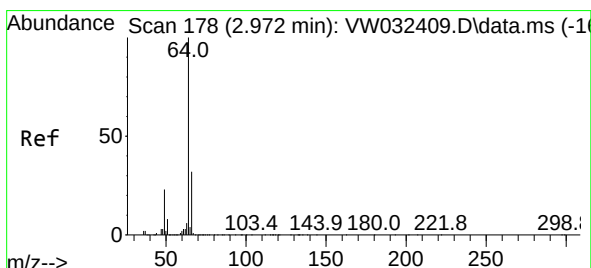
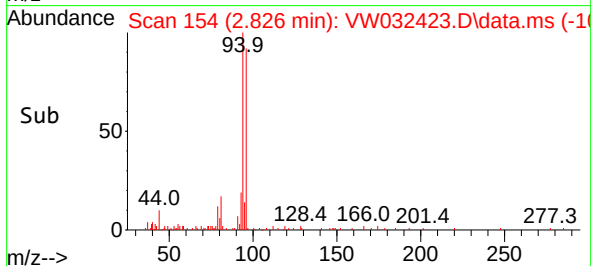
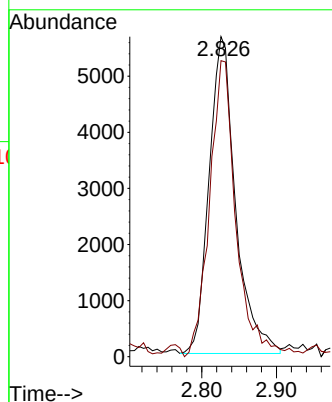
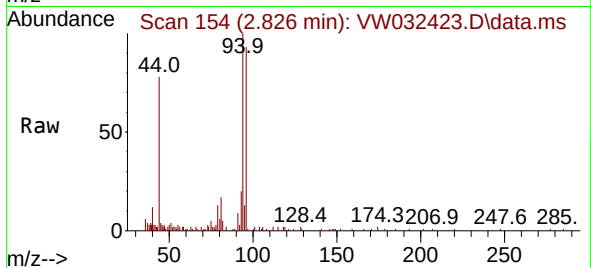
#5
Bromomethane
Concen: 4.664 ug/l
RT: 2.826 min Scan# 154
Delta R.T. -0.000 min
Lab File: VW032423.D
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Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 94 Resp: 1395
Ion Ratio Lower Upper
94 100
96 91.1 71.4 107.2

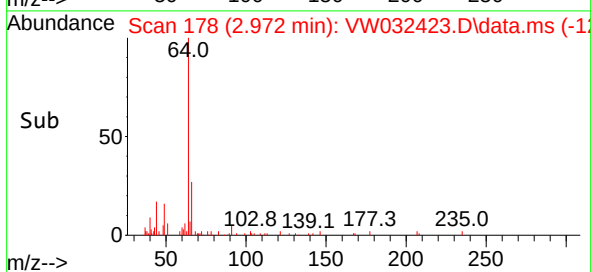
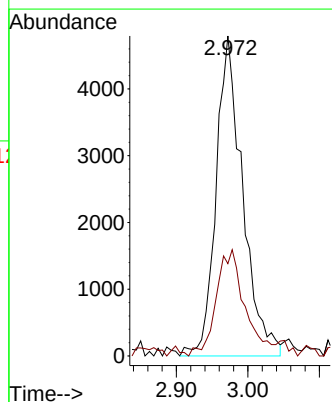
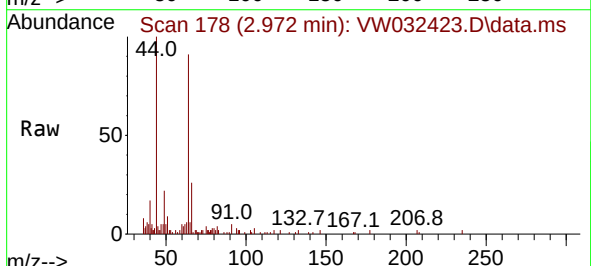
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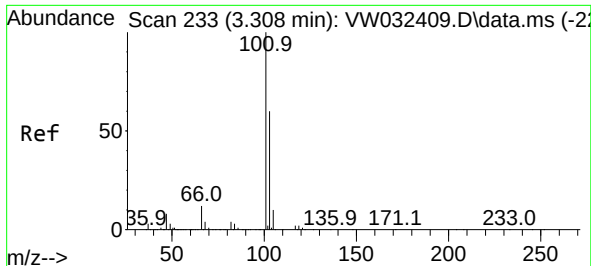
Reviewed By :Amit Patel 11/12/2025
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#6
Chloroethane
Concen: 4.232 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 64 Resp: 12384
Ion Ratio Lower Upper
64 100
66 27.8 25.6 38.4





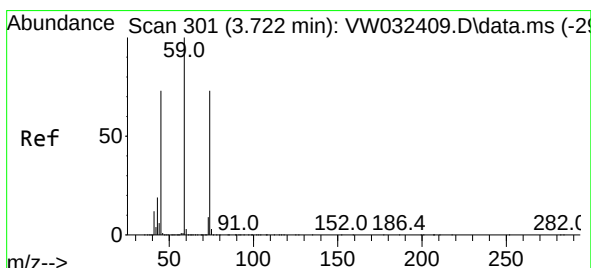
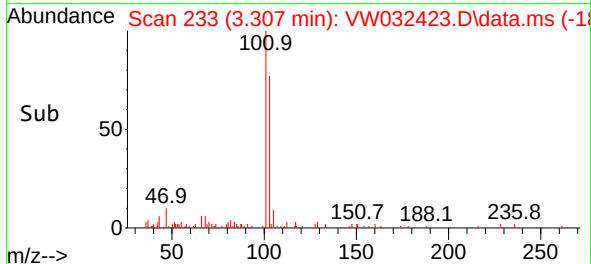
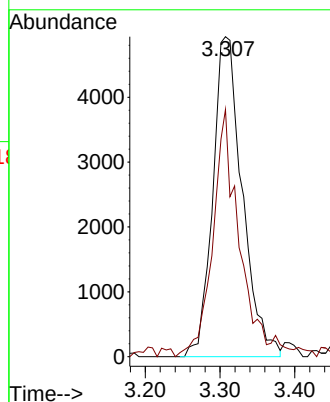
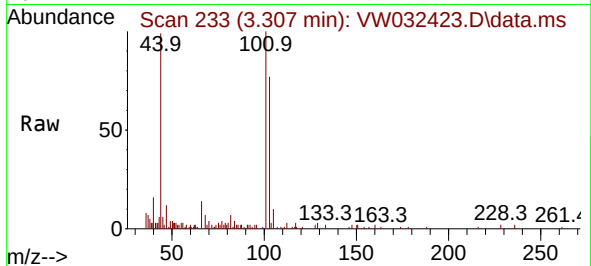
#7
 Trichlorofluoromethane
 Concen: 3.862 ug/l
 RT: 3.307 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28

Instrument : MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:101 Resp: 1354
 Ion Ratio Lower Upper
 101 100
 103 76.0 48.0 72.0

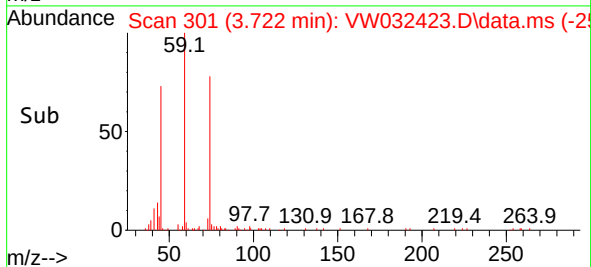
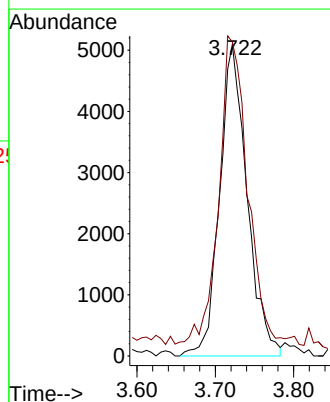
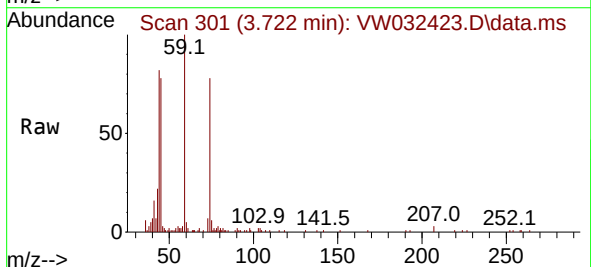
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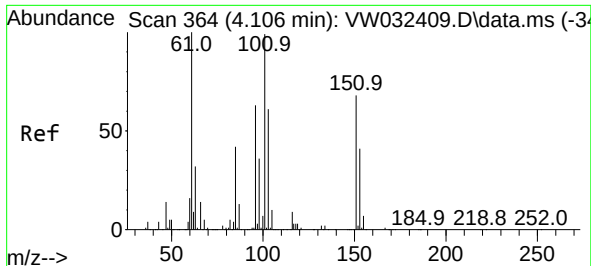
Reviewed By :Amit Patel 11/12/2025
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#8
 Diethyl Ether
 Concen: 4.320 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28

Tgt Ion: 74 Resp: 12388
 Ion Ratio Lower Upper
 74 100
 45 102.3 51.8 155.4





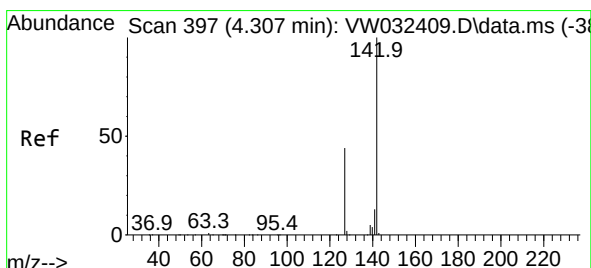
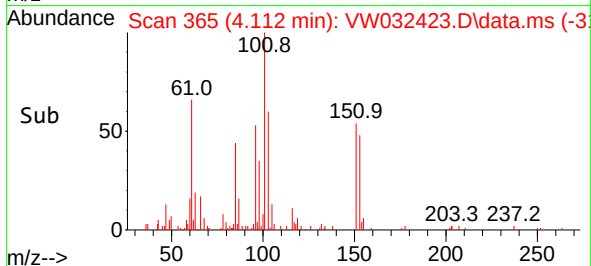
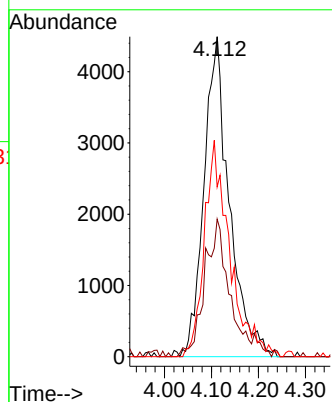
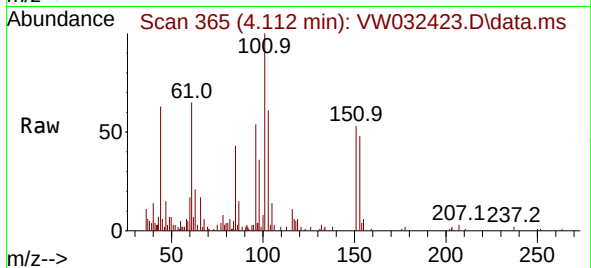
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.409 ug/l
RT: 4.112 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:101 Resp: 1684
Ion Ratio Lower Upper
101 100
85 41.1 34.1 51.1
151 67.4 56.4 84.6

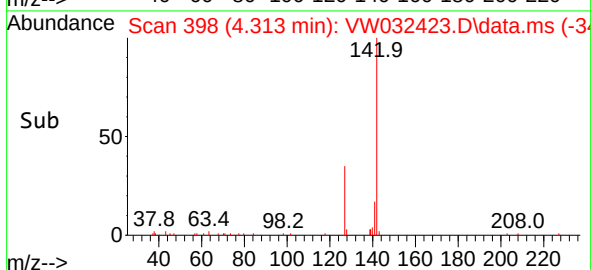
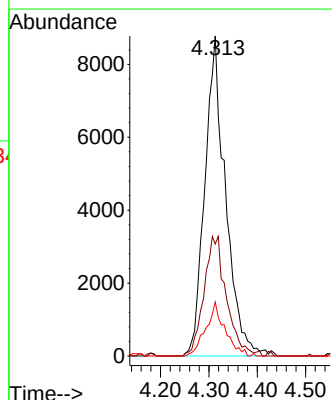
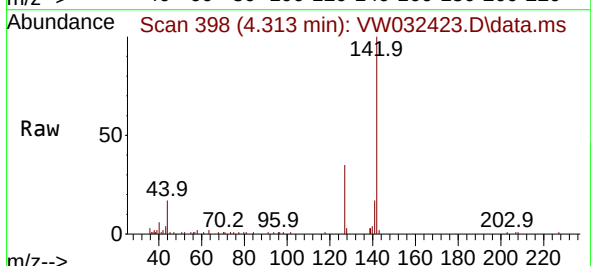
Manual Integrations
APPROVED

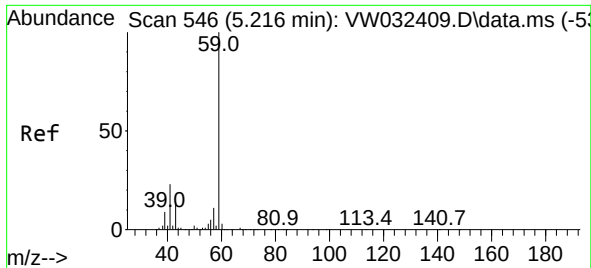
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#10
Methyl Iodide
Concen: 4.258 ug/l
RT: 4.313 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

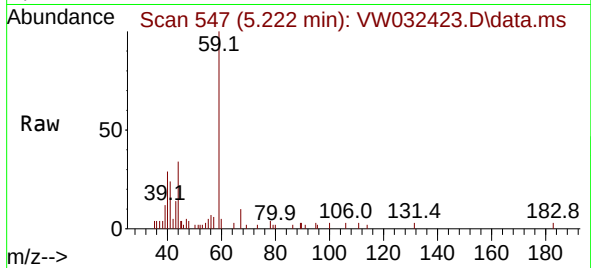
Tgt Ion:142 Resp: 26201
Ion Ratio Lower Upper
142 100
127 40.5 34.2 51.2
141 15.4 11.8 17.8





#11
Tert butyl alcohol
Concen: 25.269 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

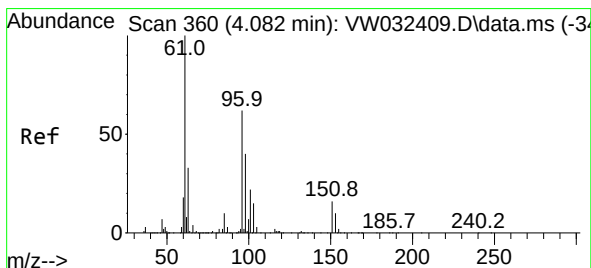
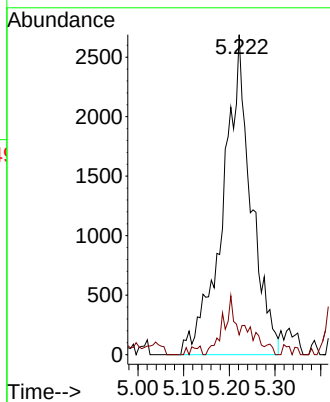
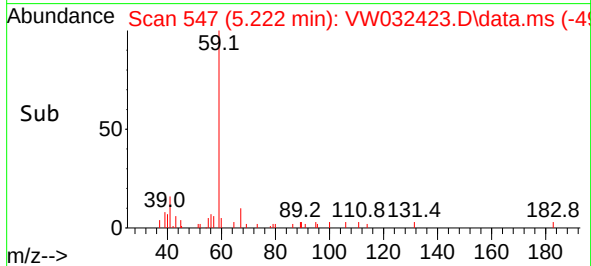
Instrument : MSVOA_W
Client Sample Id : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 59 Resp: 1148
Ion Ratio Lower Upper
59 100
57 8.0 8.6 12.8

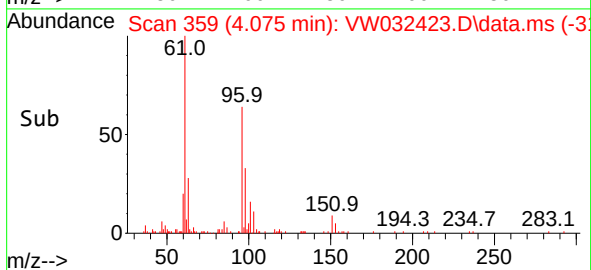
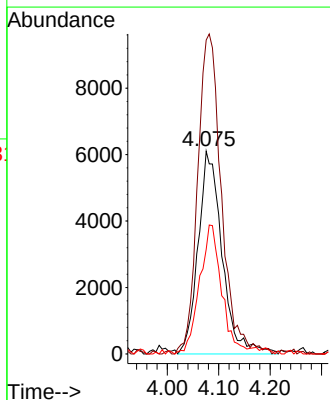
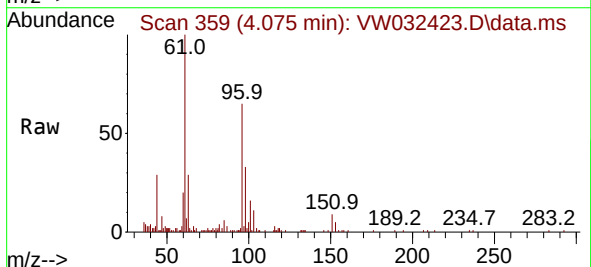
Manual Integrations
APPROVED

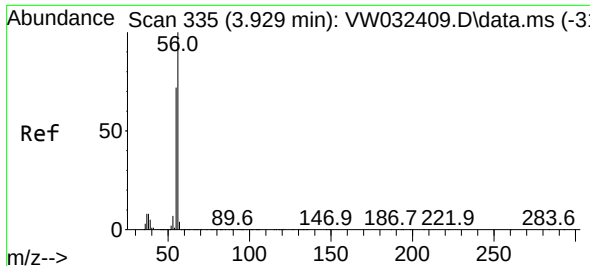
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#12
1,1-Dichloroethene
Concen: 4.509 ug/l
RT: 4.075 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

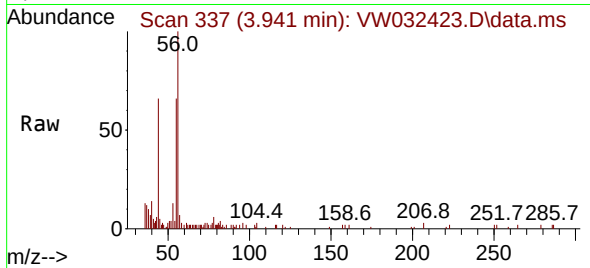
Tgt Ion: 96 Resp: 19754
Ion Ratio Lower Upper
96 100
61 154.8 129.0 193.6
98 50.4 51.1 76.7





#13
Acrolein
Concen: 16.776 ug/l
RT: 3.941 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

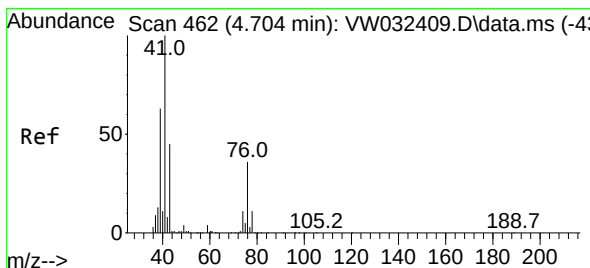
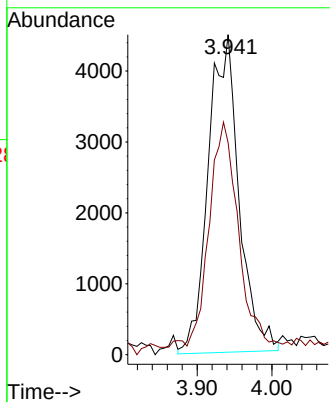
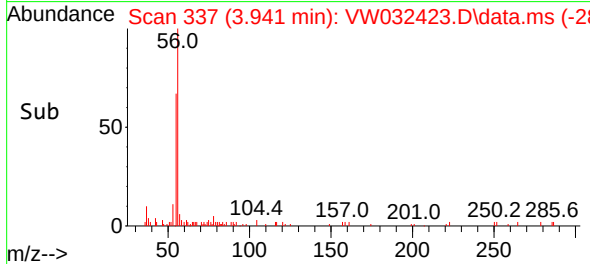
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 56 Resp: 12789
Ion Ratio Lower Upper
56 100
55 66.4 56.3 84.5

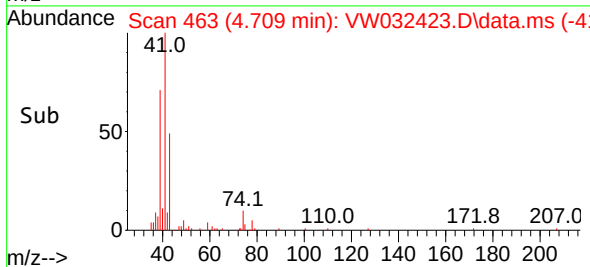
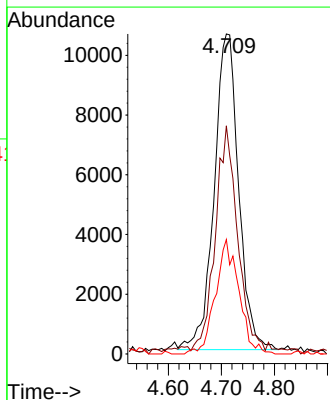
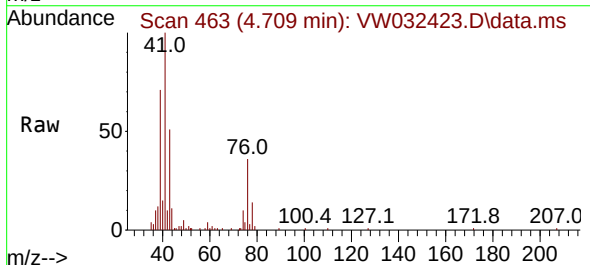
Manual Integrations
APPROVED

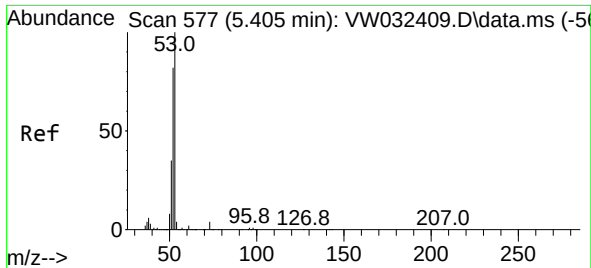
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#14
Allyl chloride
Concen: 4.027 ug/l
RT: 4.709 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

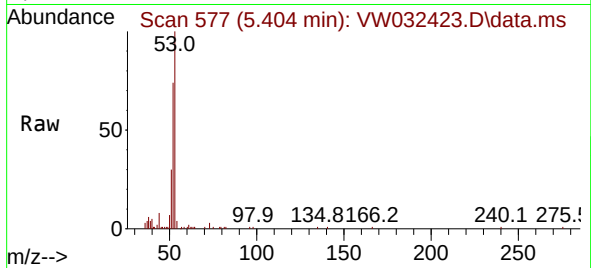
Tgt Ion: 41 Resp: 33925
Ion Ratio Lower Upper
41 100
39 64.5 50.2 75.2
76 34.8 27.0 40.6





#15
Acrylonitrile
Concen: 19.882 ug/l
RT: 5.404 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

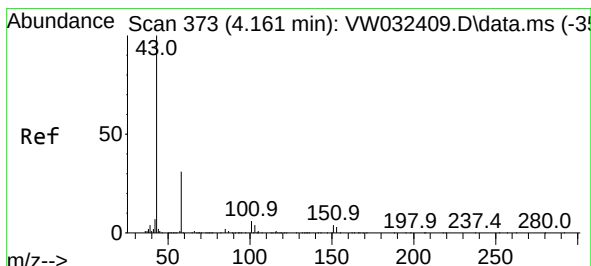
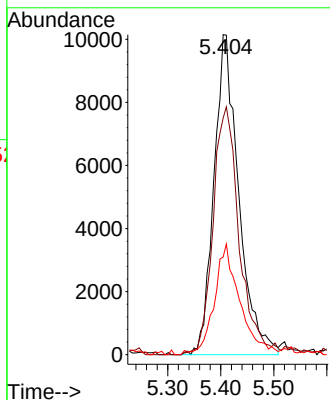
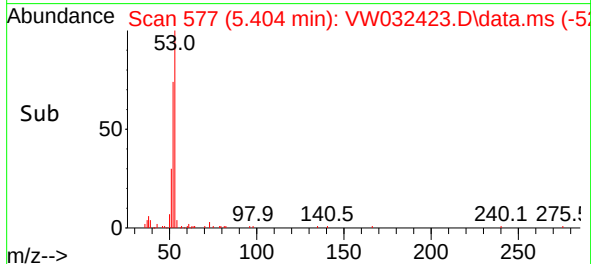
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 53 Resp: 3296
Ion Ratio Lower Upper
53 100
52 81.5 66.4 99.6
51 35.4 28.6 43.0

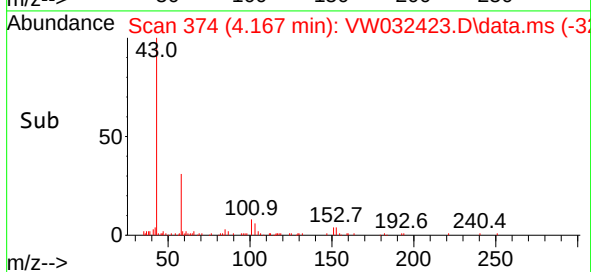
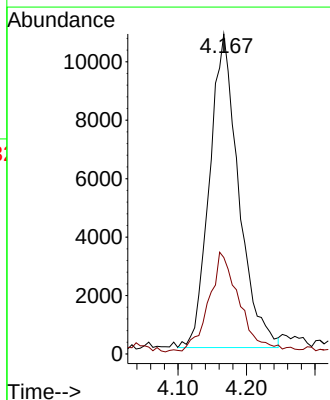
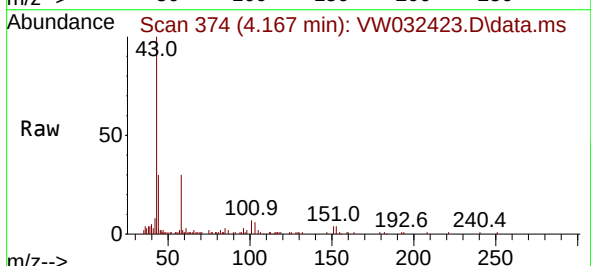
Manual Integrations
APPROVED

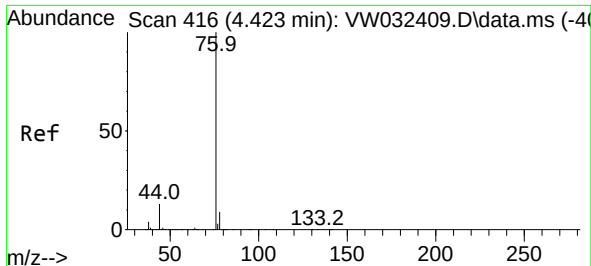
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#16
Acetone
Concen: 20.188 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 43 Resp: 31736
Ion Ratio Lower Upper
43 100
58 29.6 24.8 37.2





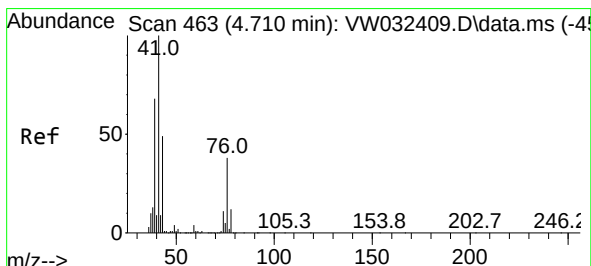
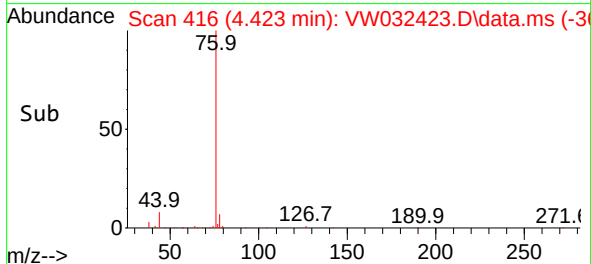
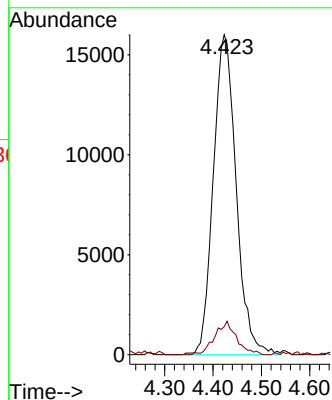
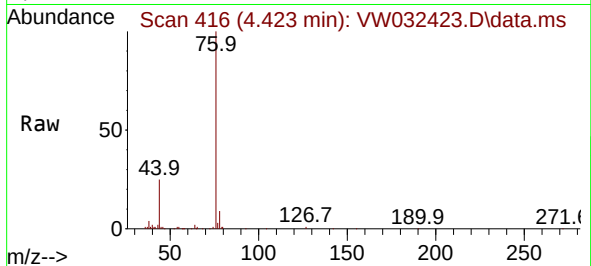
#17
Carbon Disulfide
Concen: 4.065 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 76 Resp: 52629
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4

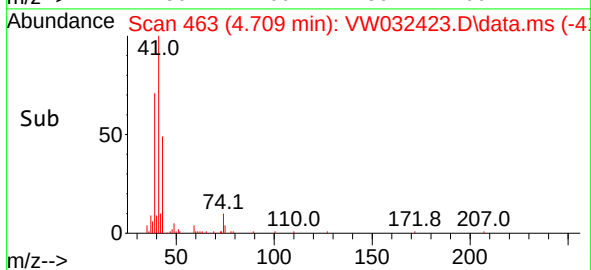
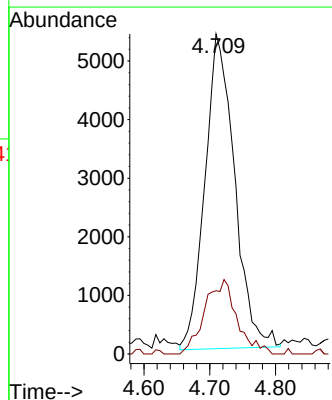
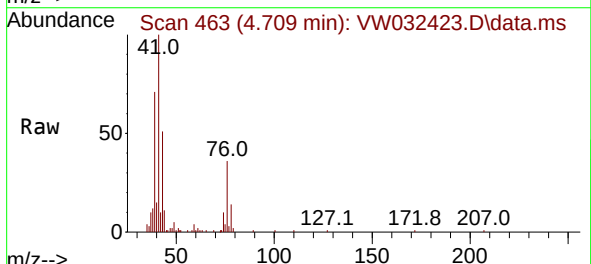
Manual Integrations
APPROVED

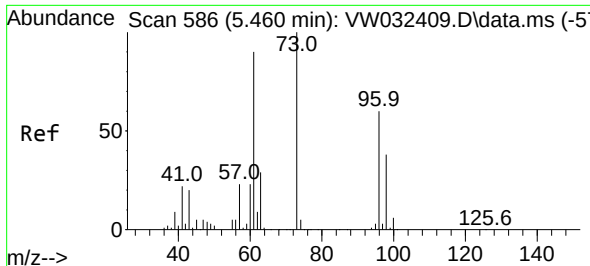
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#18
Methyl Acetate
Concen: 4.325 ug/l
RT: 4.709 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 43 Resp: 16836
Ion Ratio Lower Upper
43 100
74 25.6 18.9 28.3





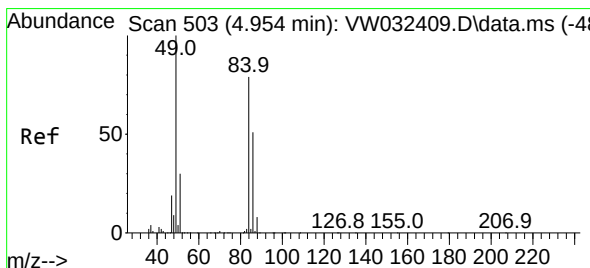
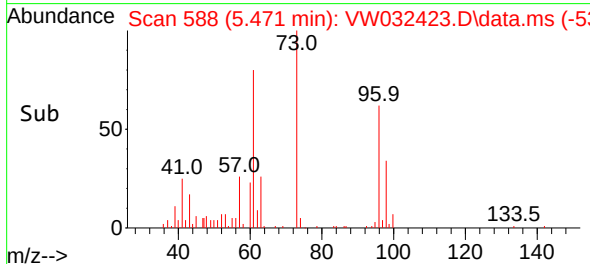
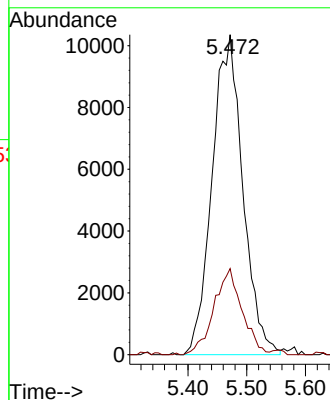
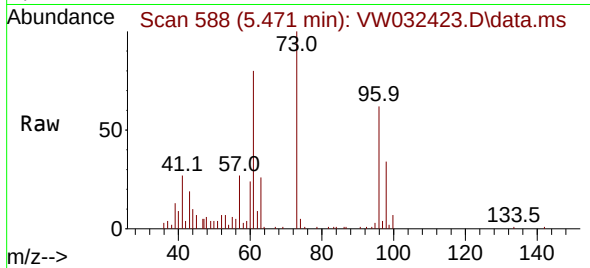
#19
Methyl tert-butyl Ether
Concen: 4.068 ug/l
RT: 5.471 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 73 Resp: 3756
Ion Ratio Lower Upper
73 100
57 26.9 18.3 27.5

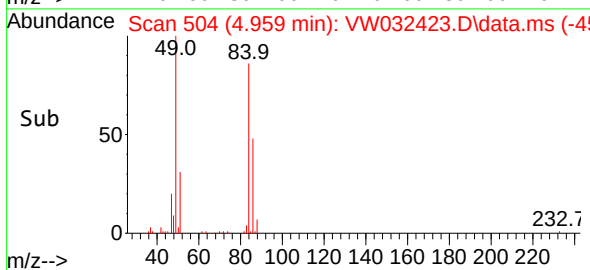
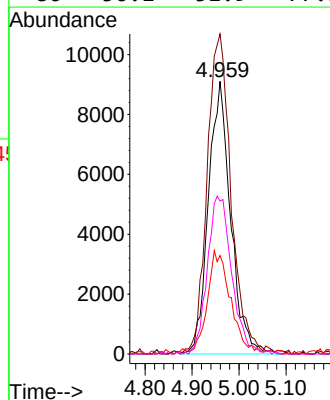
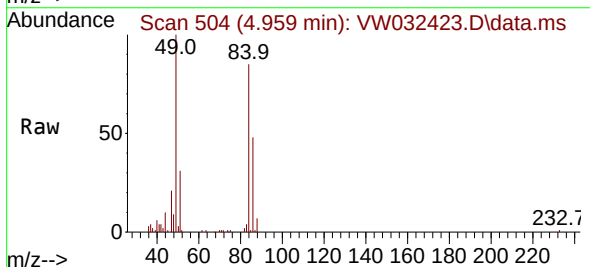
Manual Integrations
APPROVED

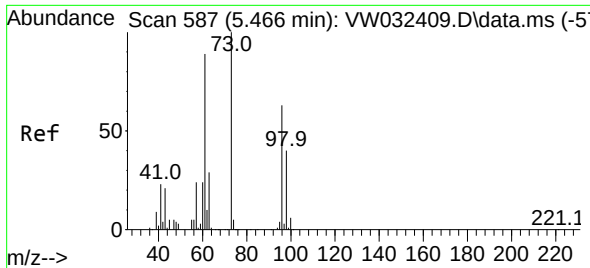
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#20
Methylene Chloride
Concen: 5.334 ug/l
RT: 4.959 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

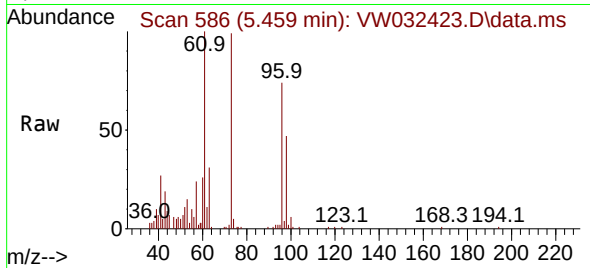
Tgt Ion: 84 Resp: 29987
Ion Ratio Lower Upper
84 100
49 116.7 101.5 152.3
51 35.1 30.6 46.0
86 56.1 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 4.167 ug/l
RT: 5.459 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

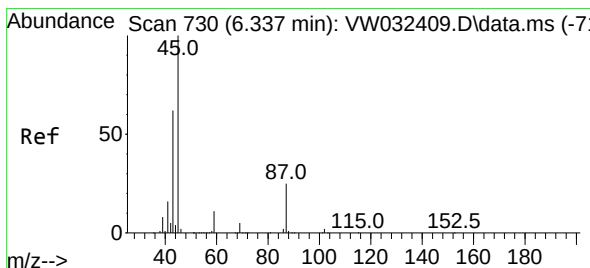
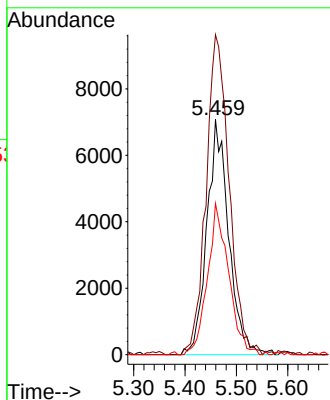
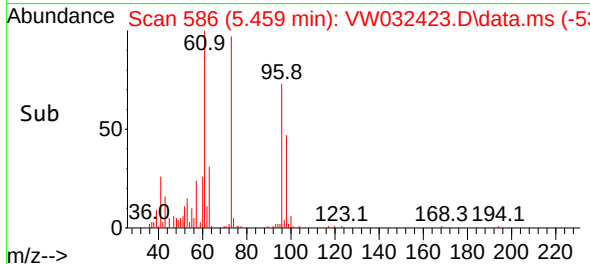
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 96 Resp: 2087
Ion Ratio Lower Upper
96 100
61 136.0 112.5 168.7
98 64.3 51.1 76.7

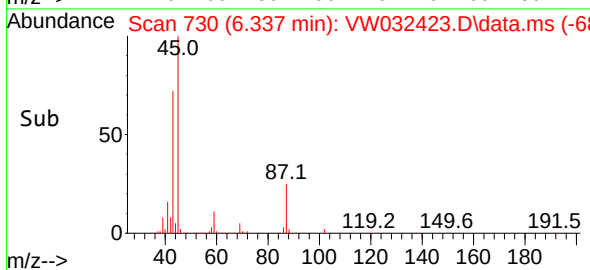
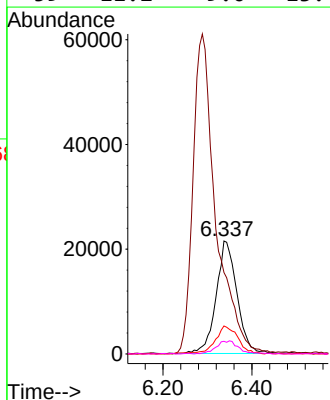
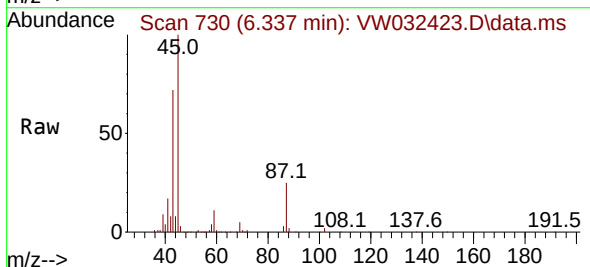
Manual Integrations
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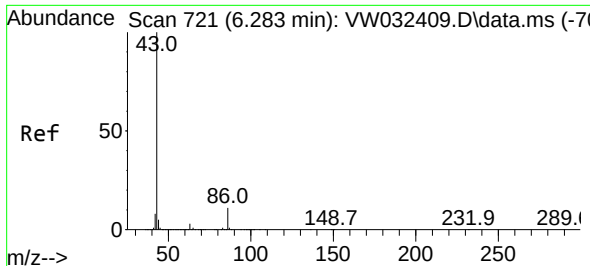
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#22
Diisopropyl ether
Concen: 4.064 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 45 Resp: 69699
Ion Ratio Lower Upper
45 100
43 70.6 49.4 74.2
87 24.6 20.1 30.1
59 11.2 9.0 13.4





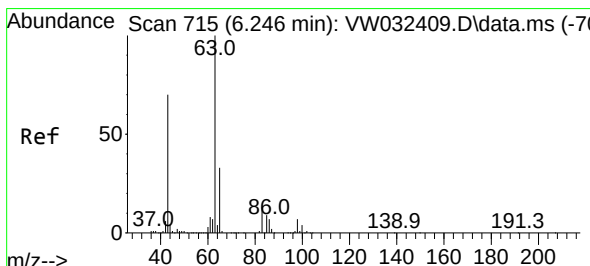
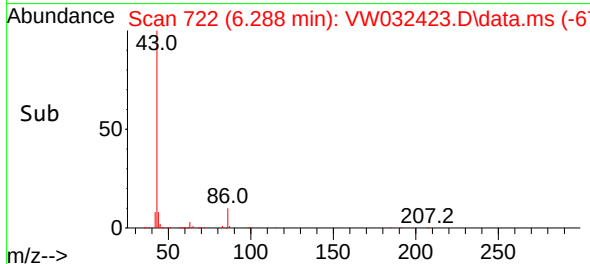
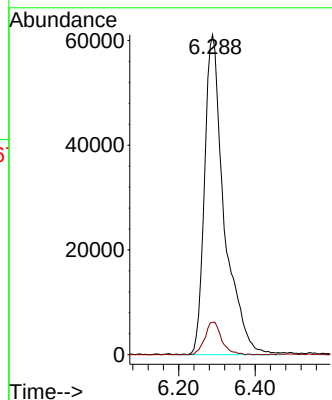
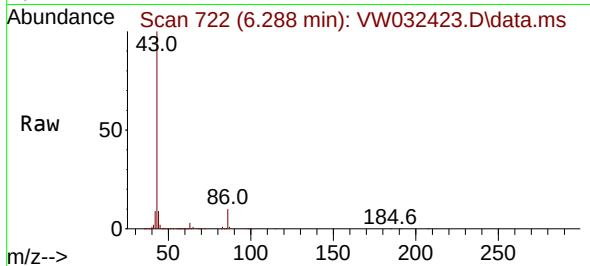
#23
 Vinyl Acetate
 Concen: 18.578 ug/l
 RT: 6.288 min Scan# 721
 Delta R.T. 0.006 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 43 Resp: 218310
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.6 12.8

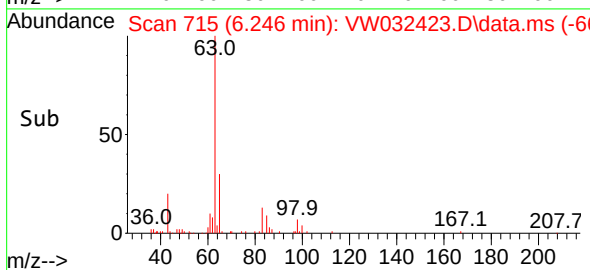
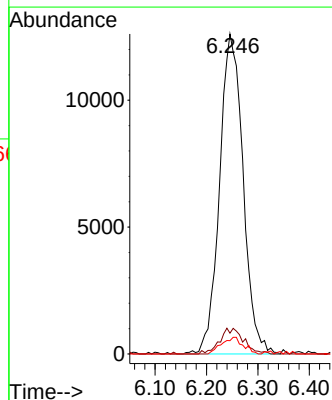
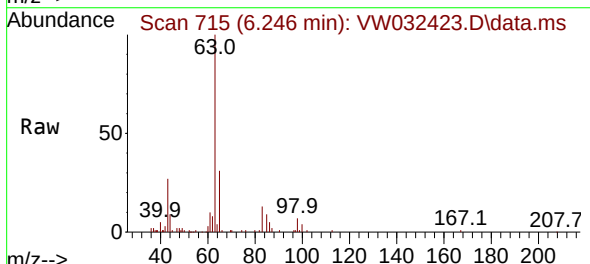
Manual Integrations
 APPROVED

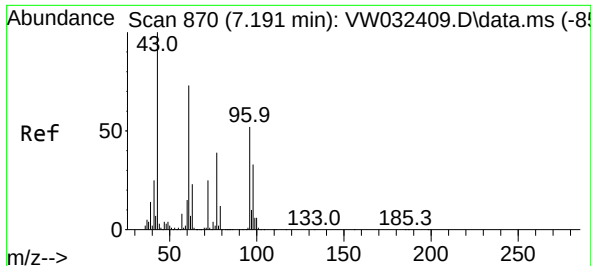
Reviewed By :Amit Patel 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#24
 1,1-Dichloroethane
 Concen: 4.265 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28

Tgt Ion: 63 Resp: 40082
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 4.2 2.3 6.8





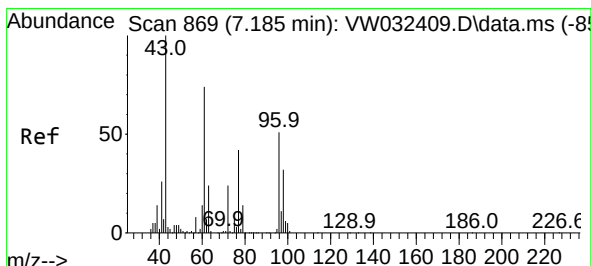
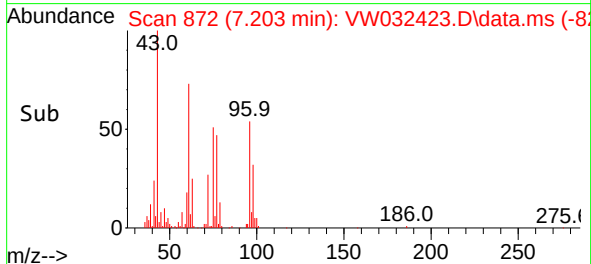
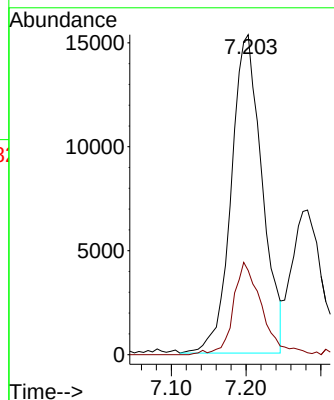
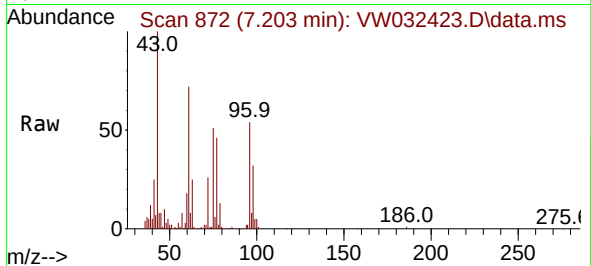
#25
2-Butanone
Concen: 19.000 ug/l
RT: 7.203 min Scan# 81
Delta R.T. 0.012 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 43 Resp: 4400
Ion Ratio Lower Upper
43 100
72 26.5 20.0 30.0

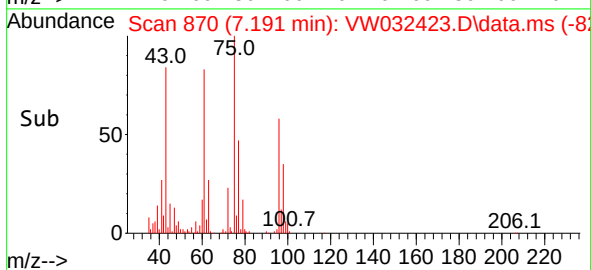
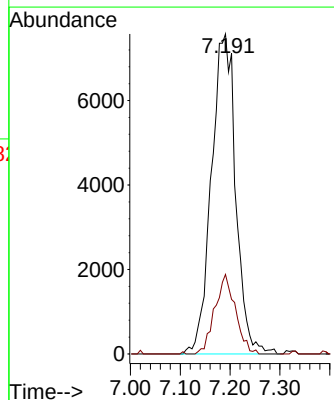
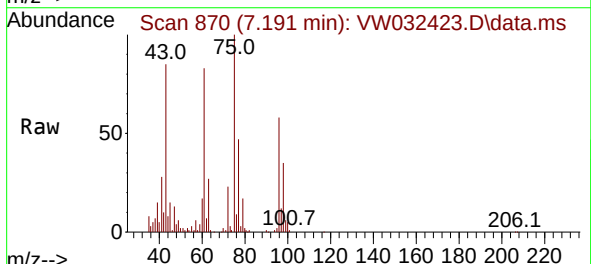
Manual Integrations
APPROVED

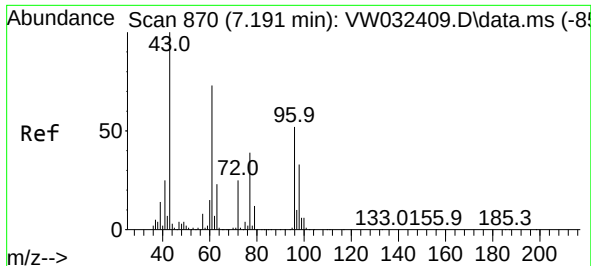
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#26
2,2-Dichloropropane
Concen: 4.900 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 77 Resp: 25663
Ion Ratio Lower Upper
77 100
97 21.1 12.3 36.8





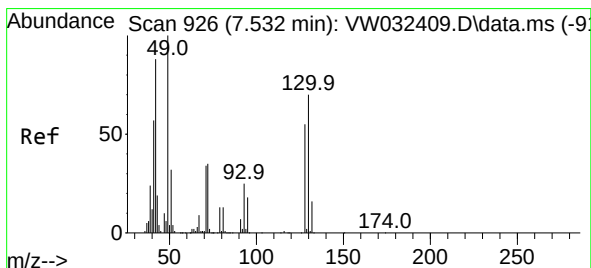
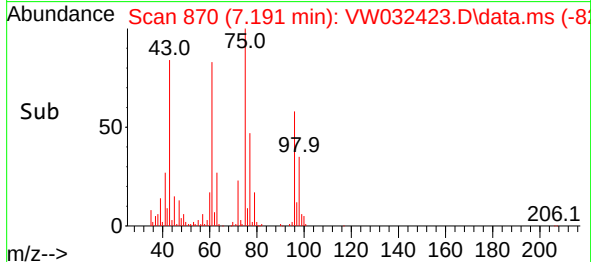
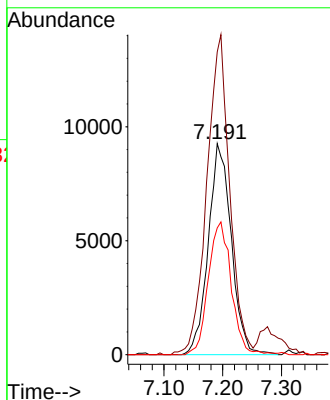
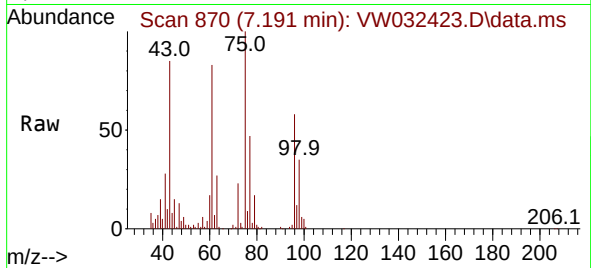
#27
cis-1,2-Dichloroethene
Concen: 4.216 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 96 Resp: 2523
Ion Ratio Lower Upper
96 100
61 149.8 0.0 282.6
98 62.7 0.0 128.6

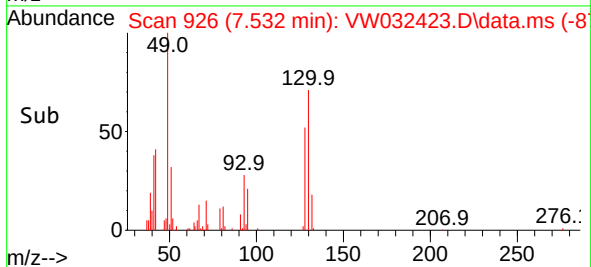
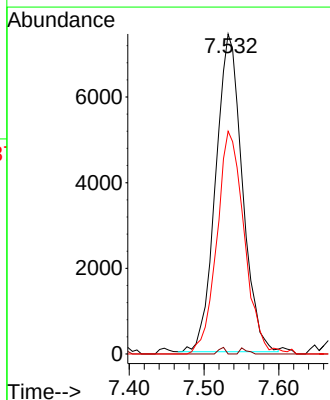
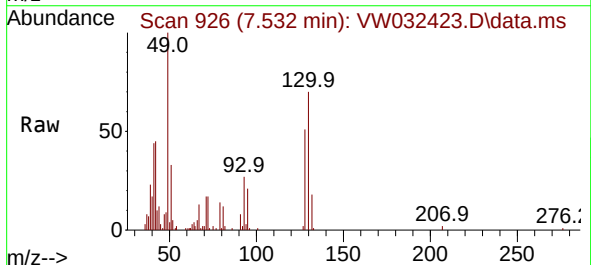
Manual Integrations
APPROVED

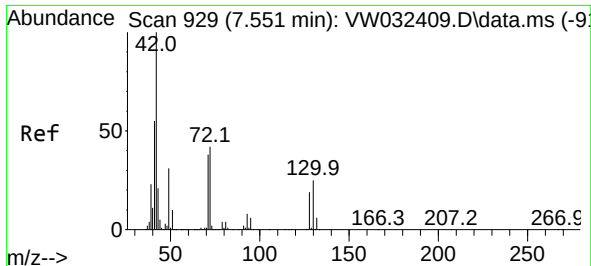
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#28
Bromochloromethane
Concen: 4.149 ug/l
RT: 7.532 min Scan# 926
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 49 Resp: 18427
Ion Ratio Lower Upper
49 100
129 0.5 0.0 3.8
130 72.2 56.9 85.3





#29

Tetrahydrofuran

Concen: 18.990 ug/l

RT: 7.563 min Scan# 91

Delta R.T. 0.012 min

Lab File: VW032423.D

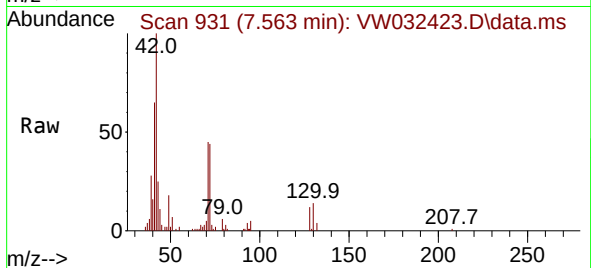
Acq: 11 Nov 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025



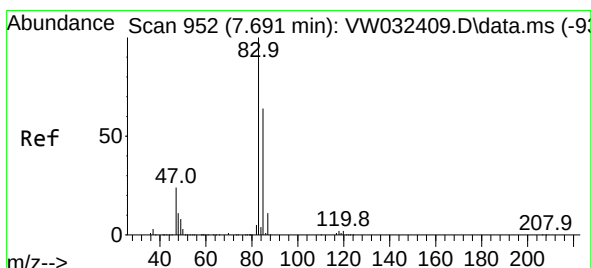
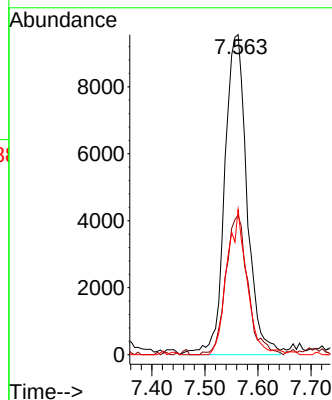
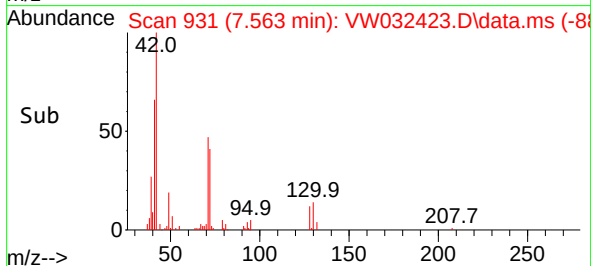
Tgt Ion:	42	Resp:	2791
Ion Ratio	100	Lower	Upper
42	100		
72	43.0	33.6	50.4
71	40.2	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#30

Chloroform

Concen: 4.485 ug/l

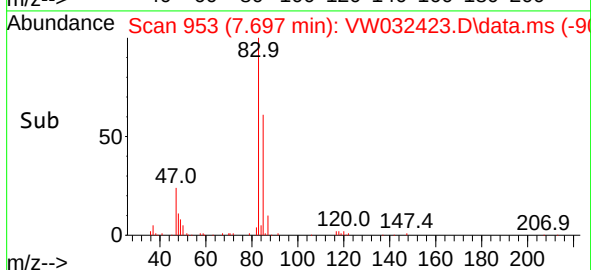
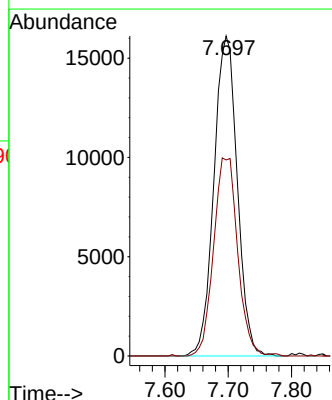
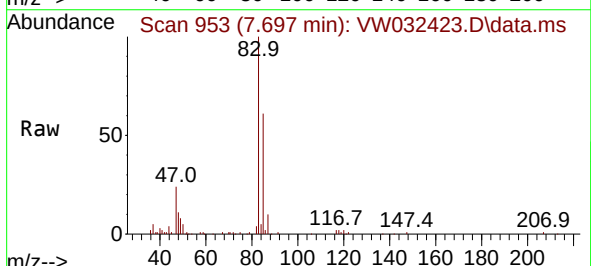
RT: 7.697 min Scan# 953

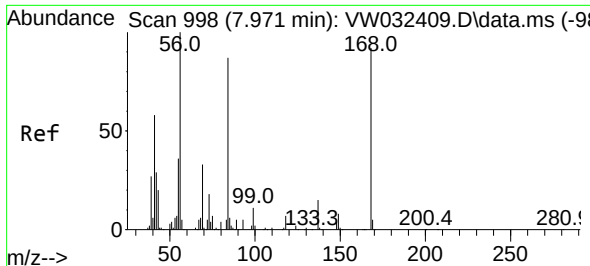
Delta R.T. 0.006 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

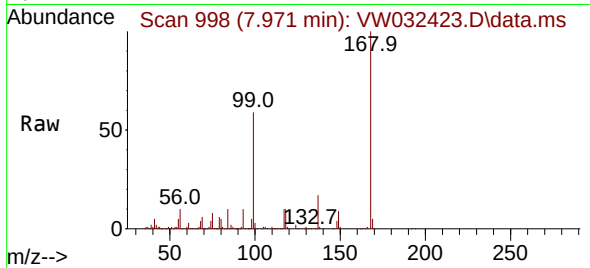
Tgt Ion:	83	Resp:	41256
Ion Ratio	100	Lower	Upper
83	100		
85	61.2	51.0	76.4





#31
Cyclohexane
Concen: 4.833 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

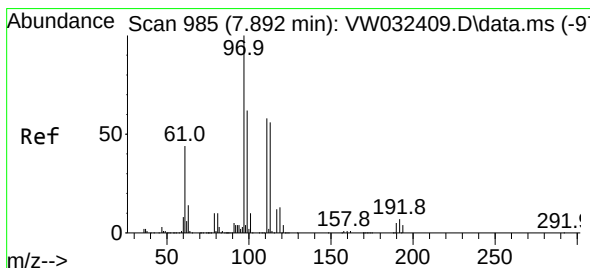
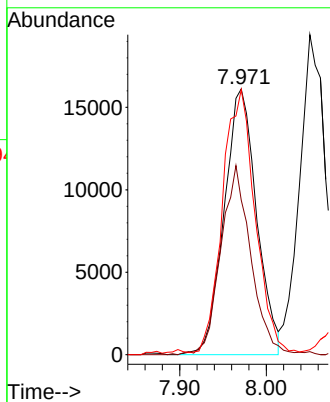
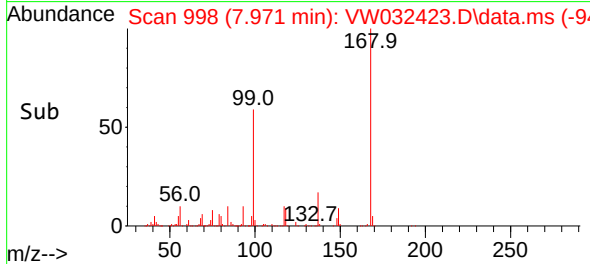
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 56 Resp: 42014
Ion Ratio Lower Upper
56 100
69 58.1 26.5 39.7
84 97.8 69.6 104.4

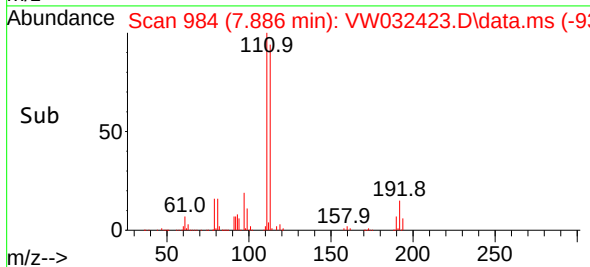
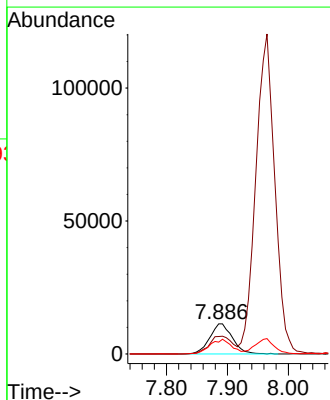
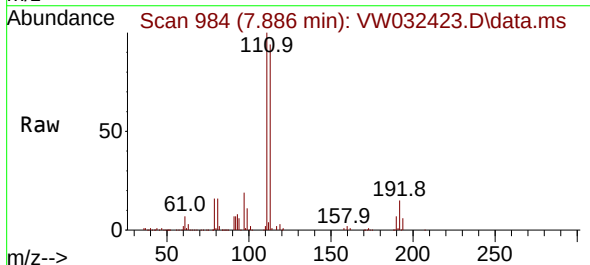
Manual Integrations
APPROVED

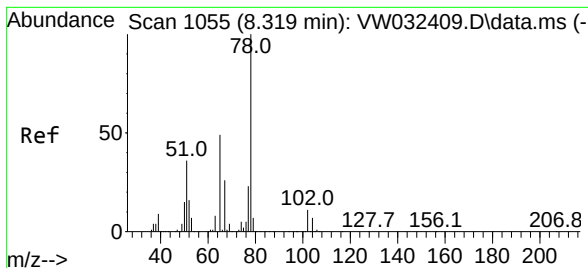
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#32
1,1,1-Trichloroethane
Concen: 4.460 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

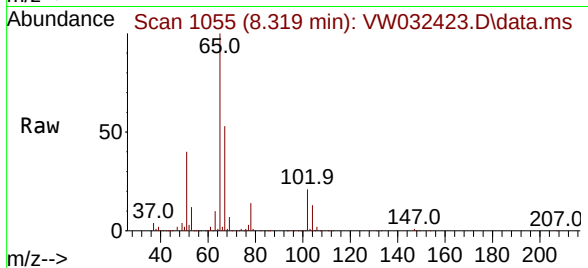
Tgt Ion: 97 Resp: 29309
Ion Ratio Lower Upper
97 100
99 60.1 51.8 77.8
61 46.3 35.5 53.3





#33
1,2-Dichloroethane-d4
Concen: 51.822 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

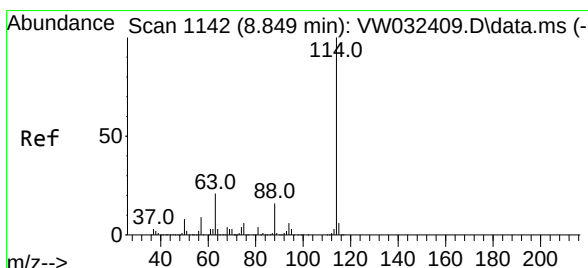
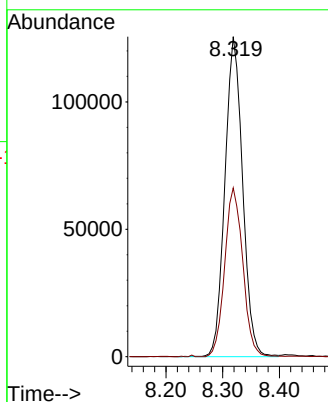
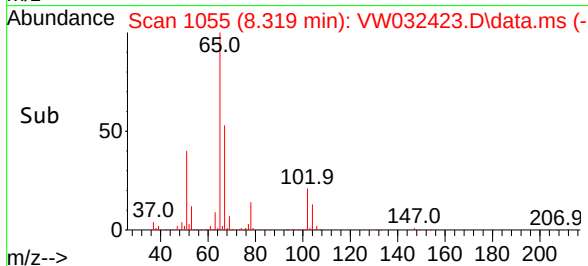
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 65 Resp: 272295
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.8

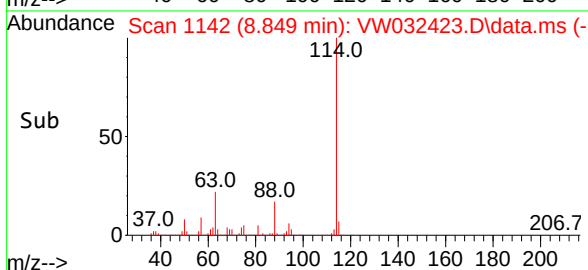
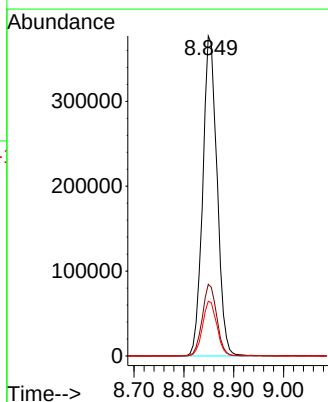
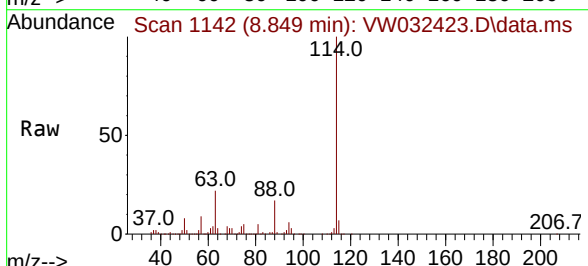
Manual Integrations
APPROVED

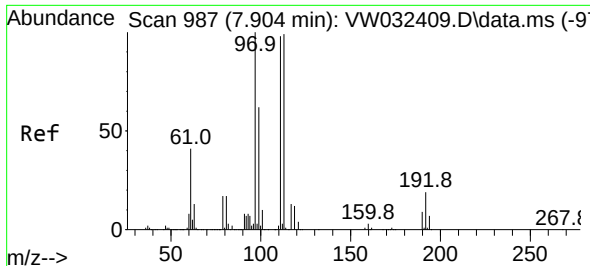
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

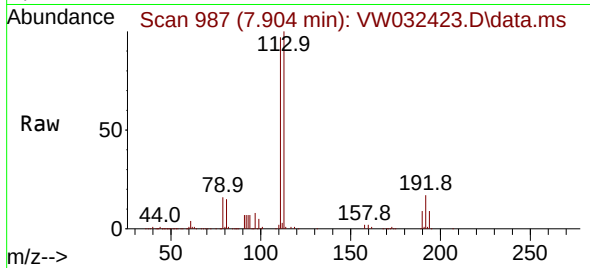
Tgt Ion:114 Resp: 752467
Ion Ratio Lower Upper
114 100
63 22.4 0.0 41.8
88 17.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.915 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

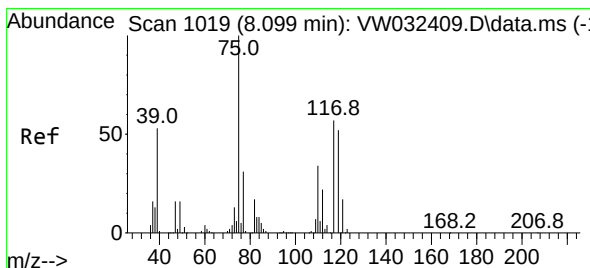
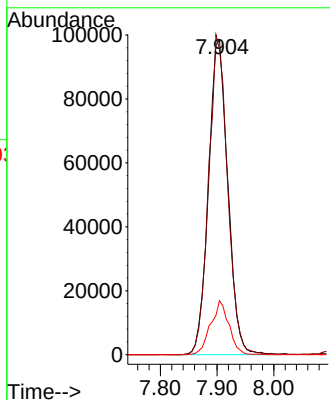
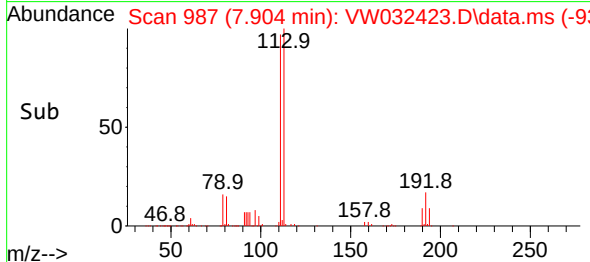
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 113 Resp: 23388
Ion Ratio Lower Upper
113 100
111 99.6 83.1 124.7
192 16.2 13.4 20.2

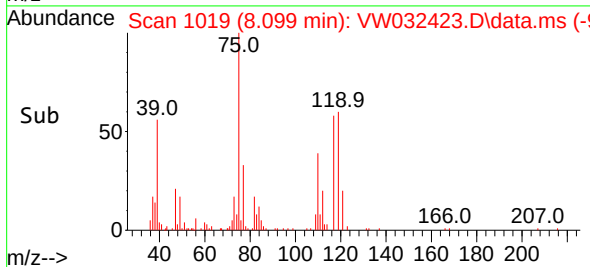
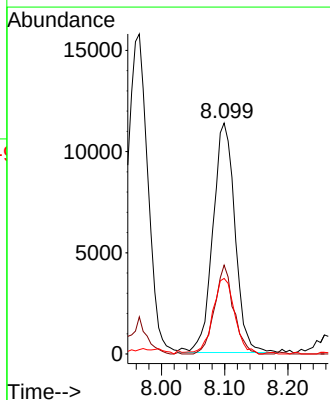
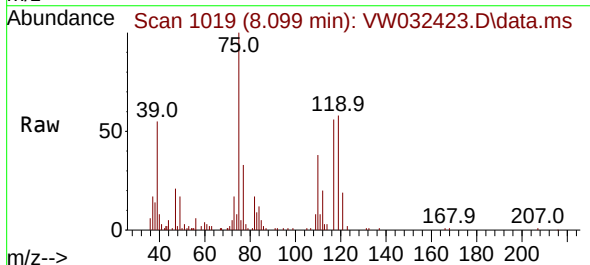
Manual Integrations
APPROVED

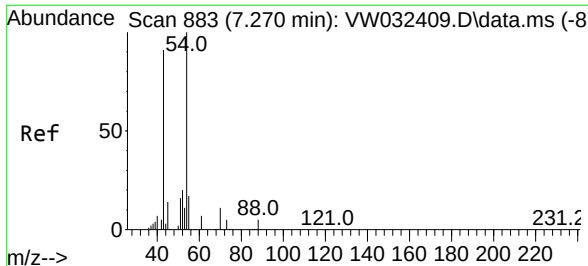
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#36
1,1-Dichloropropene
Concen: 4.138 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

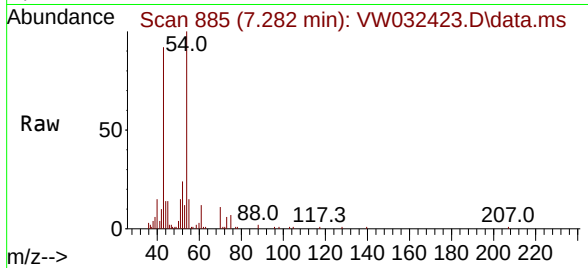
Tgt Ion: 75 Resp: 27468
Ion Ratio Lower Upper
75 100
110 33.3 17.2 51.5
77 32.6 24.5 36.7





#37
Ethyl Acetate
Concen: 4.094 ug/l
RT: 7.282 min Scan# 885
Delta R.T. 0.012 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

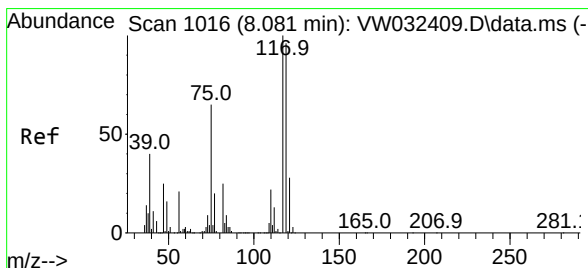
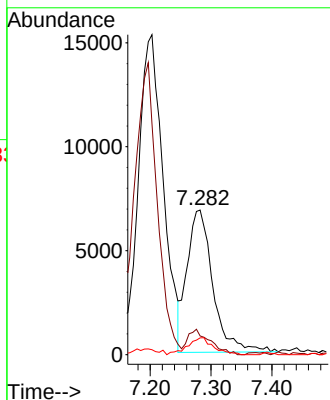
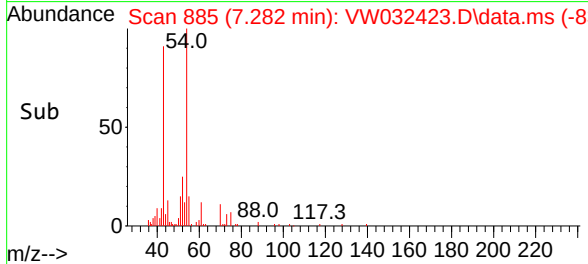
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 43 Resp: 20210
Ion Ratio Lower Upper
43 100
61 15.3 11.0 16.6
70 11.8 8.3 12.5

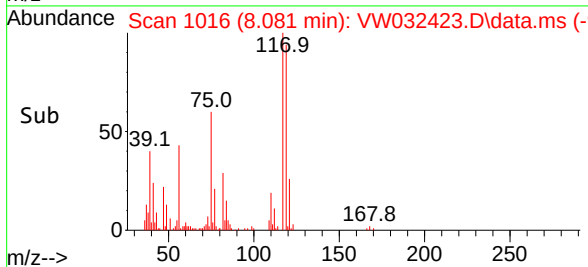
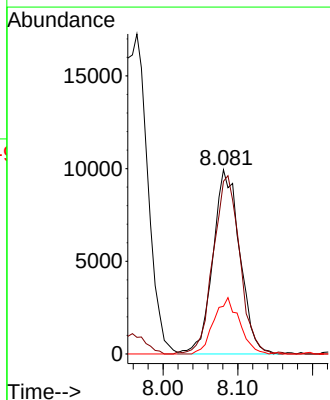
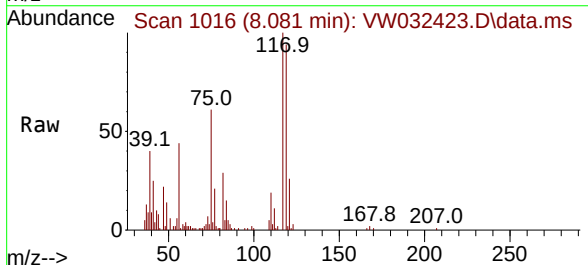
Manual Integrations
APPROVED

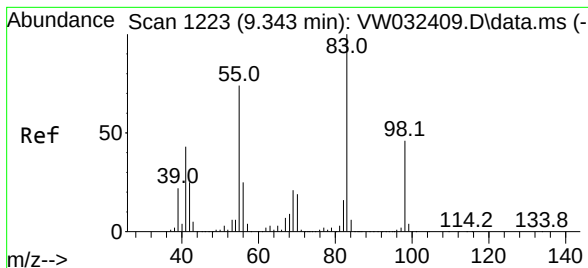
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#38
Carbon Tetrachloride
Concen: 4.220 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

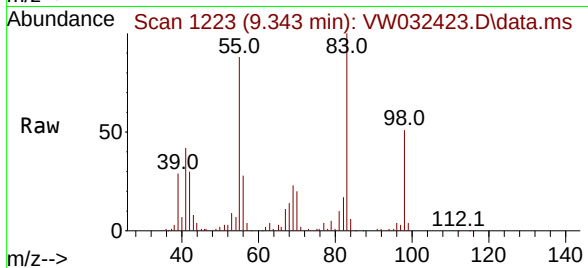
Tgt Ion:117 Resp: 24889
Ion Ratio Lower Upper
117 100
119 92.7 77.0 115.4
121 25.9 22.0 33.0





#39
Methylcyclohexane
Concen: 3.895 ug/l
RT: 9.343 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

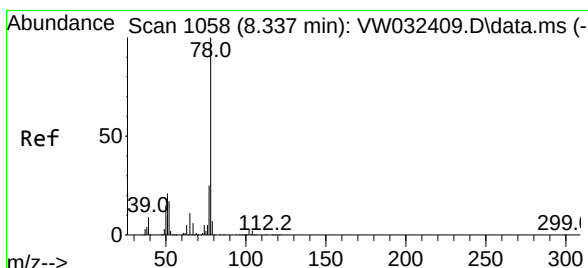
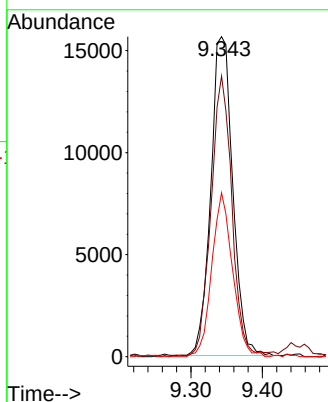
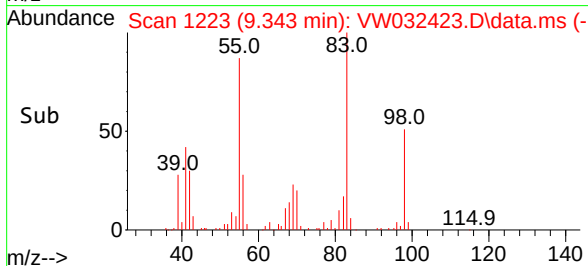
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 83 Resp: 33498
Ion Ratio Lower Upper
83 100
55 87.5 59.2 88.8
98 51.4 36.6 54.8

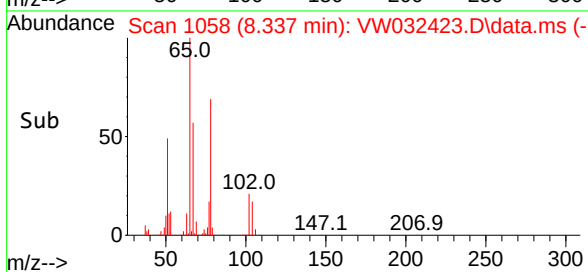
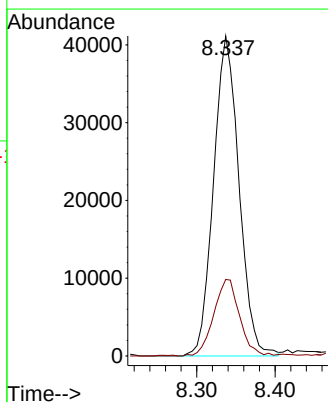
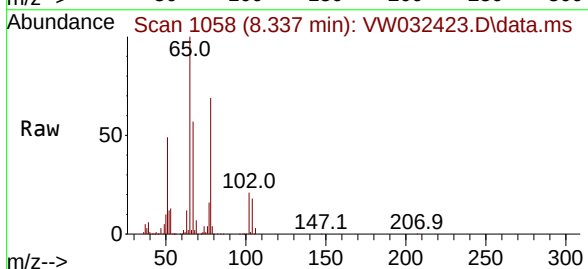
Manual Integrations
APPROVED

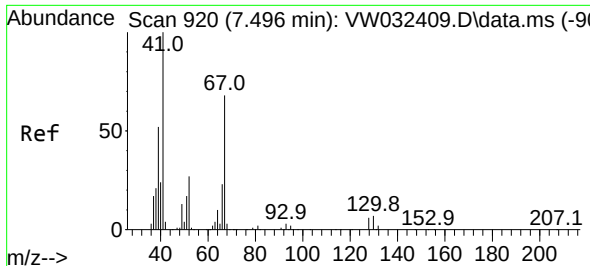
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#40
Benzene
Concen: 4.347 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

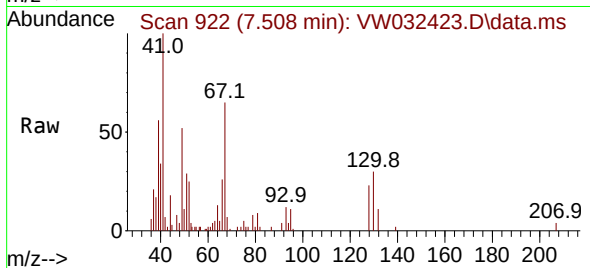
Tgt Ion: 78 Resp: 92930
Ion Ratio Lower Upper
78 100
77 23.9 19.6 29.4





#41
Methacrylonitrile
Concen: 3.714 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.012 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

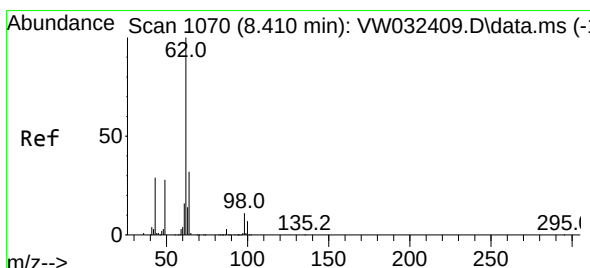
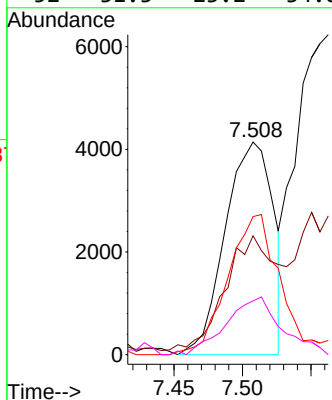
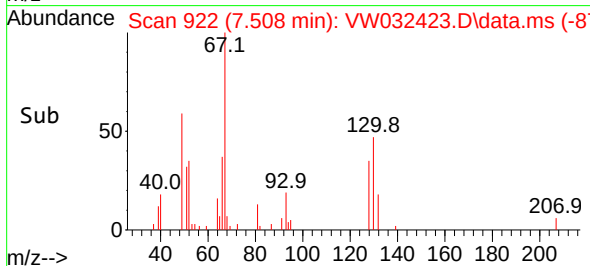
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:	41	Resp:	1007
Ion Ratio	100	Lower	Upper
39	60.8	44.6	66.8
67	74.9	57.6	86.4
52	31.3	23.2	34.8

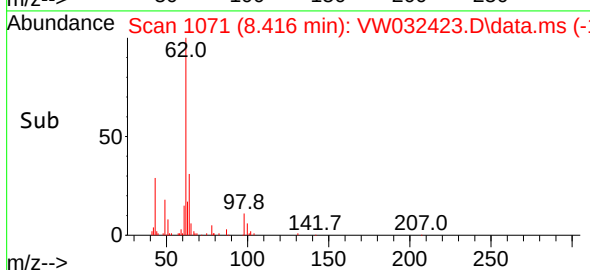
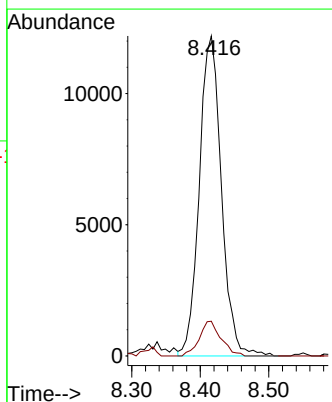
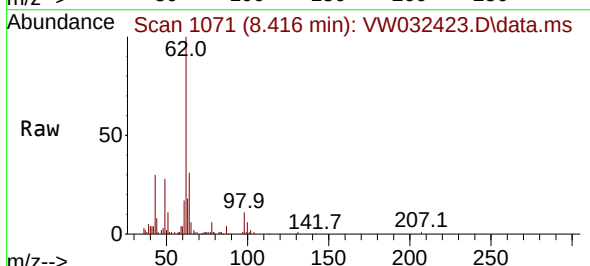
Manual Integrations
APPROVED

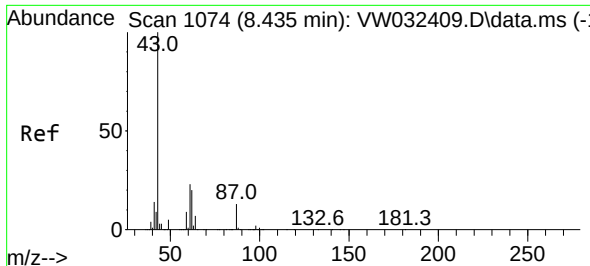
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#42
1,2-Dichloroethane
Concen: 4.364 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

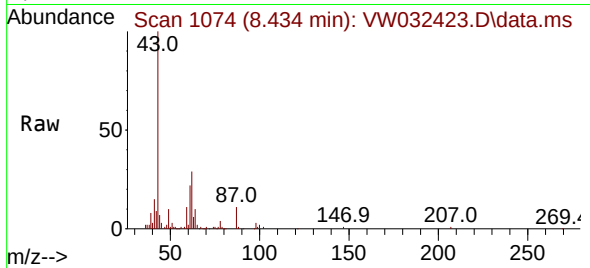
Tgt Ion:	62	Resp:	27400
Ion Ratio	100	Lower	Upper
98	10.6	0.0	20.2





#43
Isopropyl Acetate
Concen: 3.945 ug/l
RT: 8.434 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

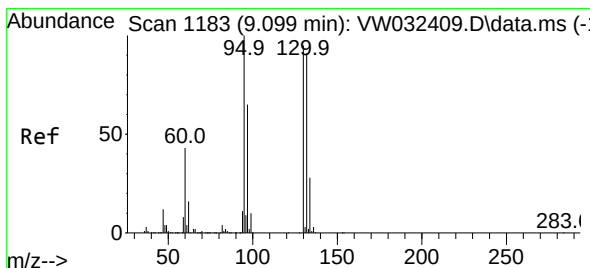
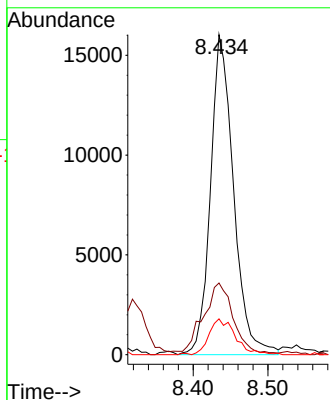
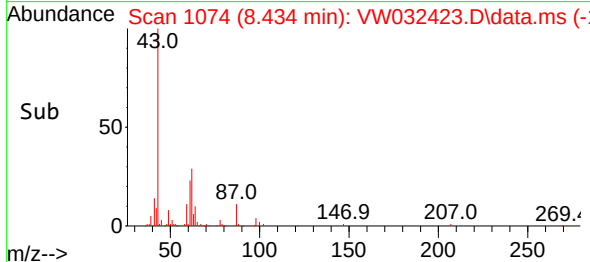
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



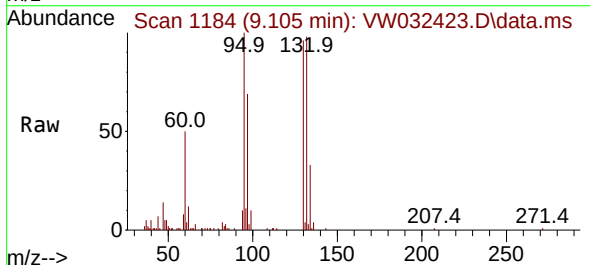
Tgt Ion: 43 Resp: 3447
Ion Ratio Lower Upper
43 100
61 29.5 22.6 33.8
87 12.9 10.6 15.8

Manual Integrations
APPROVED

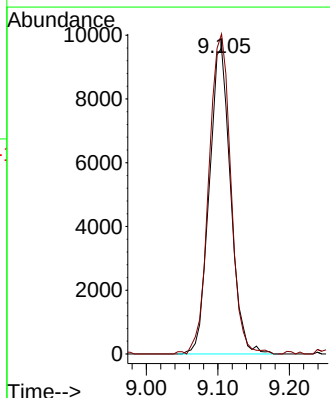
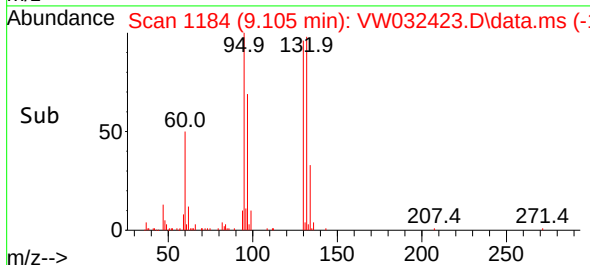
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

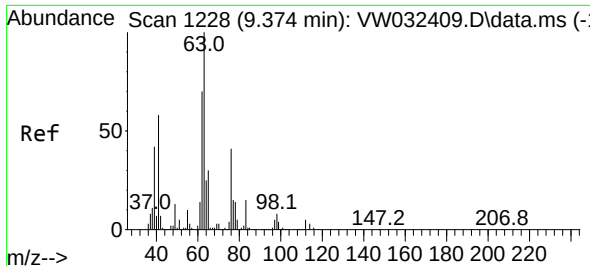


#44
Trichloroethene
Concen: 4.008 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28



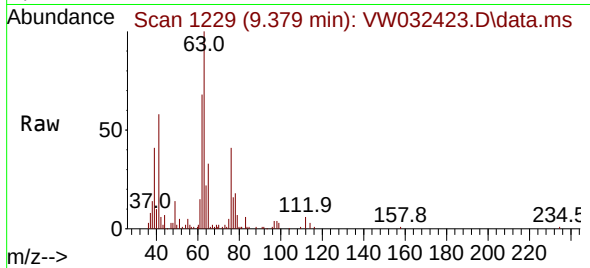
Tgt Ion:130 Resp: 19938
Ion Ratio Lower Upper
130 100
95 104.6 0.0 209.6





#45
1,2-Dichloropropane
Concen: 4.252 ug/l
RT: 9.379 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

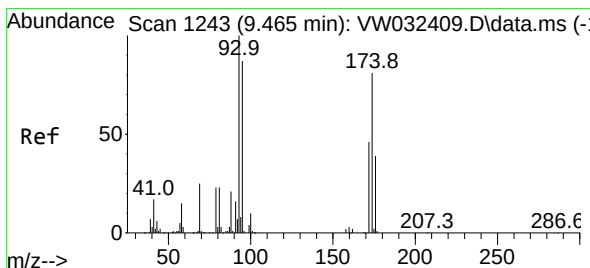
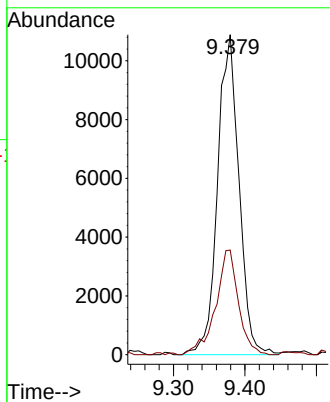
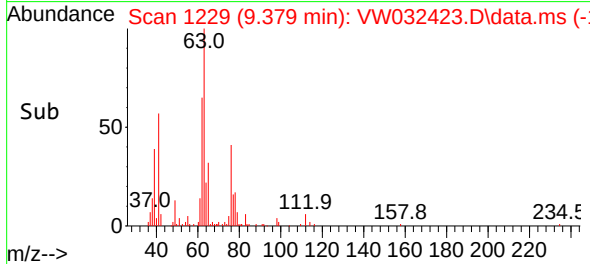
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 63 Resp: 2263
Ion Ratio Lower Upper
63 100
65 32.7 24.4 36.6

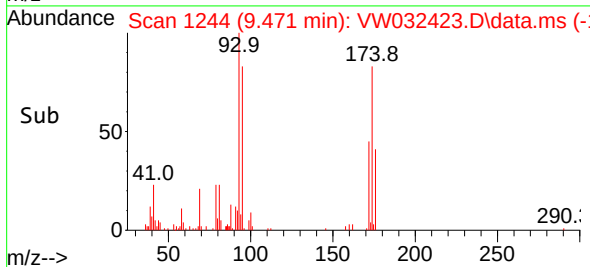
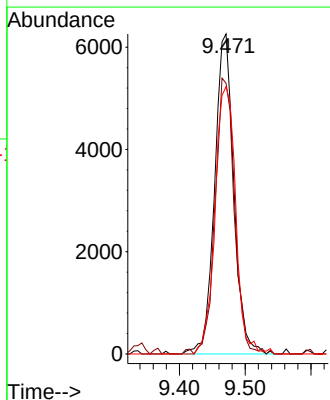
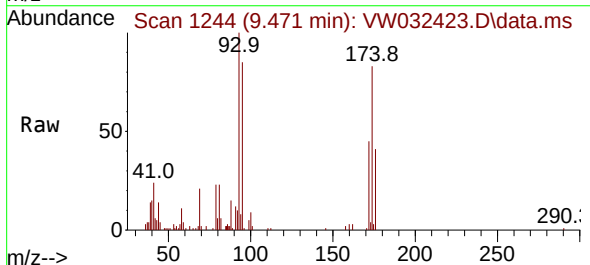
Manual Integrations
APPROVED

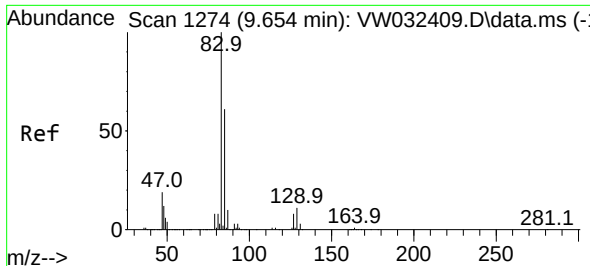
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#46
Dibromomethane
Concen: 4.098 ug/l
RT: 9.471 min Scan# 1244
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

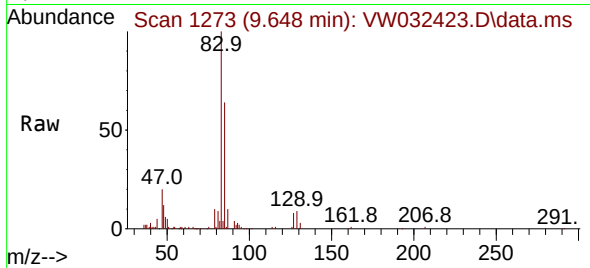
Tgt Ion: 93 Resp: 12747
Ion Ratio Lower Upper
93 100
95 86.5 67.1 100.7
174 89.2 68.2 102.4





#47
Bromodichloromethane
Concen: 4.006 ug/l
RT: 9.648 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

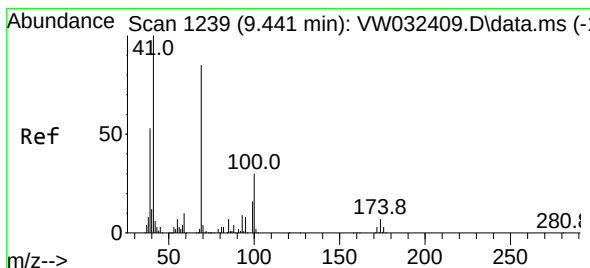
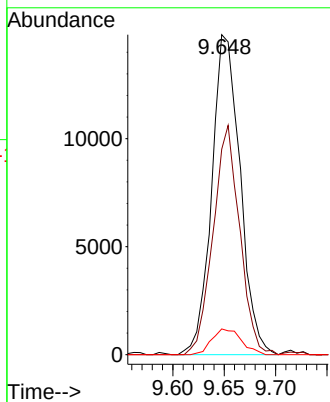
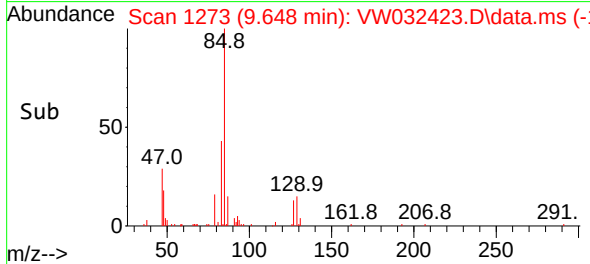
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 83 Resp: 2842
Ion Ratio Lower Upper
83 100
85 64.2 48.7 73.1
127 8.1 6.3 9.5

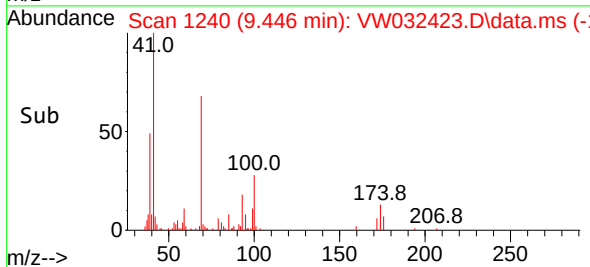
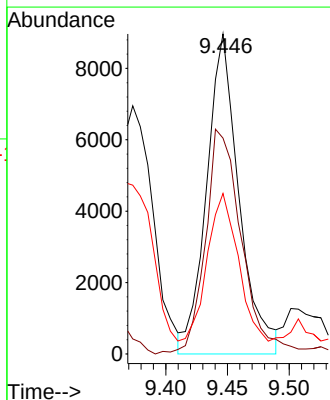
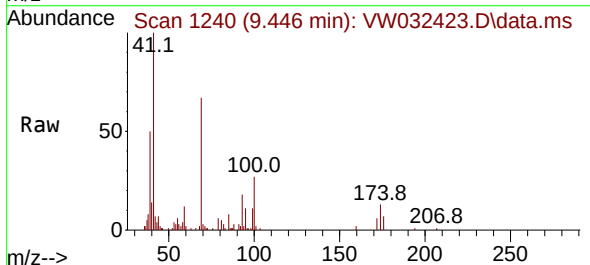
Manual Integrations
APPROVED

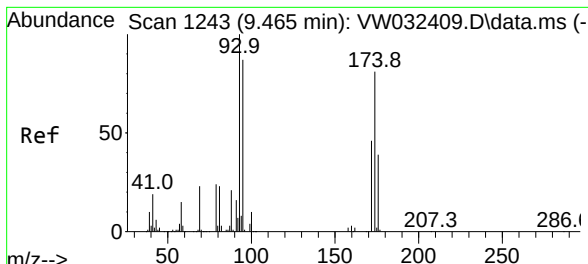
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#48
Methyl methacrylate
Concen: 3.935 ug/l m
RT: 9.446 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 41 Resp: 16342
Ion Ratio Lower Upper
41 100
69 78.3 65.8 98.6
39 44.7 38.6 57.8



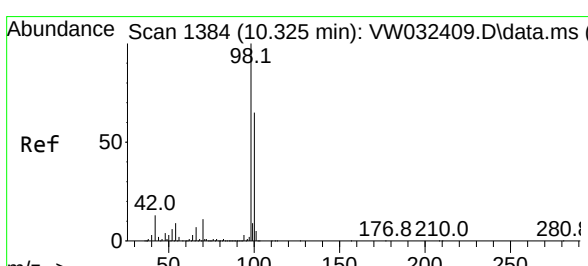
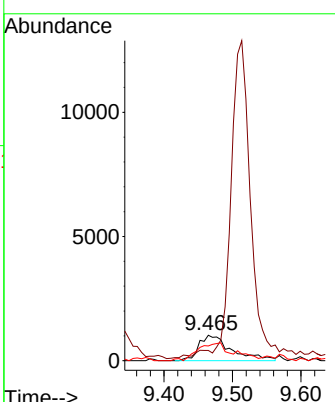
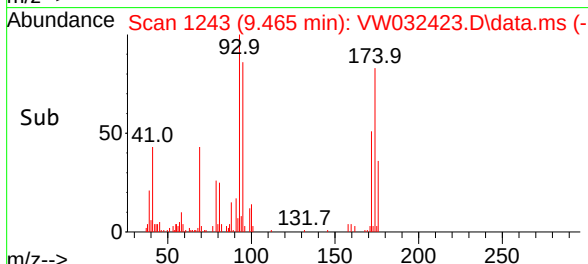
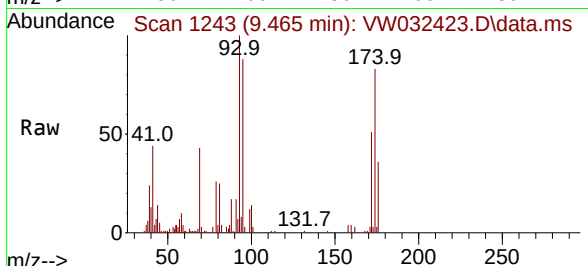


#49
 1,4-Dioxane
 Concen: 77.638 ug/l
 RT: 9.465 min Scan# 1243
 Delta R.T. -0.000 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28

Instrument : MSVOA_W
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

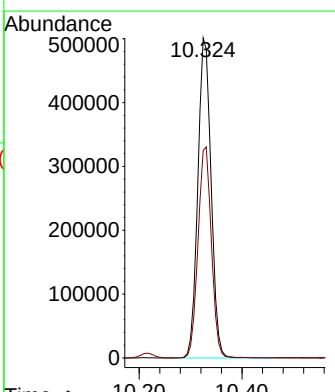
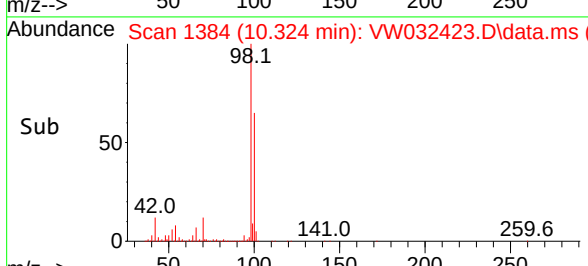
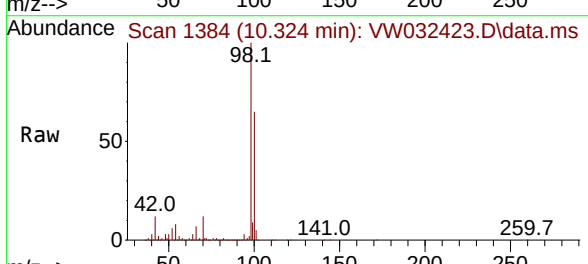
Tgt Ion:	88	Resp:	338
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	61.4	63.0	94.4

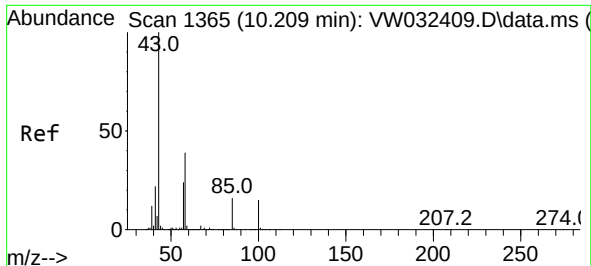
Manual Integrations
APPROVED
 Reviewed By :Amit Patel 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#50
 Toluene-d8
 Concen: 51.918 ug/l
 RT: 10.324 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28

Tgt Ion:	98	Resp:	897315
Ion Ratio	Lower	Upper	
98	100		
100	66.3	53.3	79.9





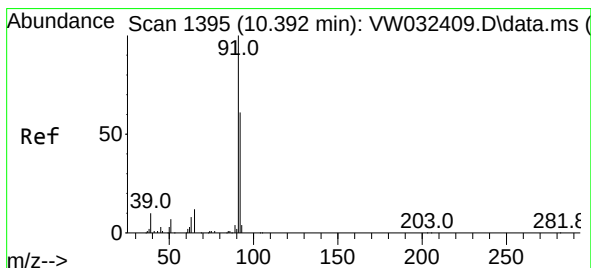
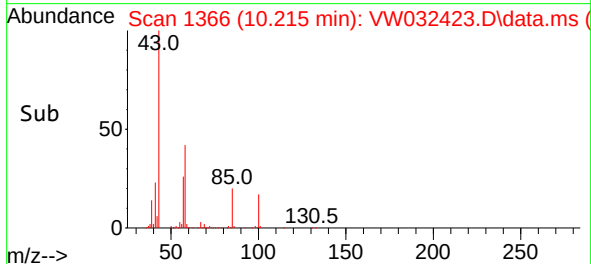
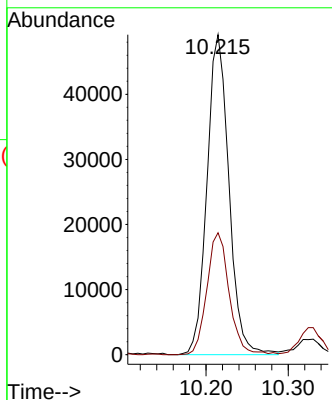
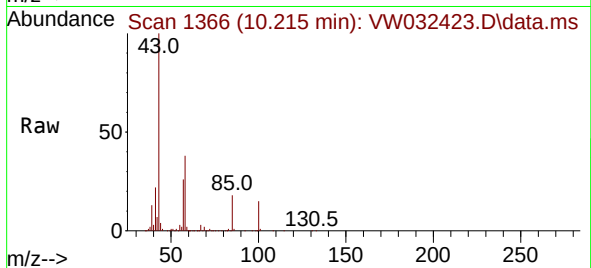
#51
4-Methyl-2-Pentanone
Concen: 18.870 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 43 Resp: 91175
Ion Ratio Lower Upper
43 100
58 38.7 31.4 47.2

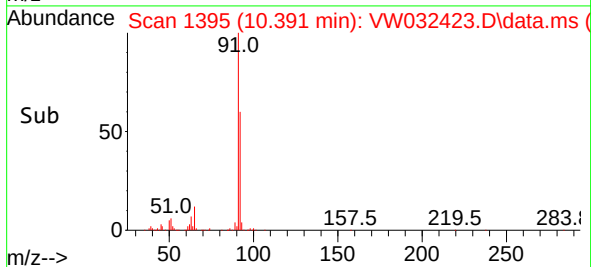
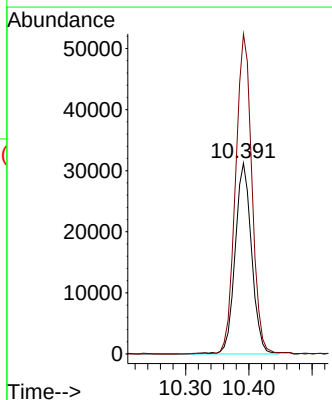
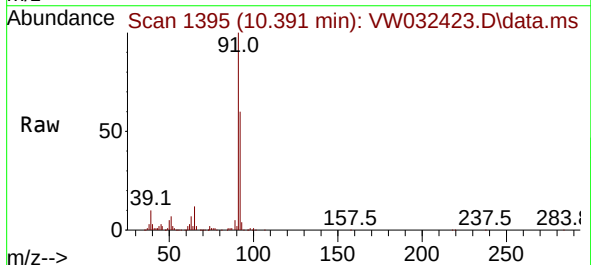
Manual Integrations
APPROVED

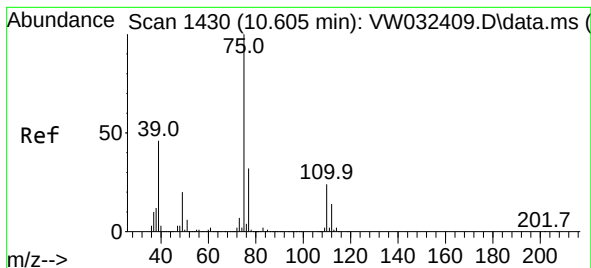
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#52
Toluene
Concen: 4.272 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 92 Resp: 56405
Ion Ratio Lower Upper
92 100
91 166.4 136.6 205.0





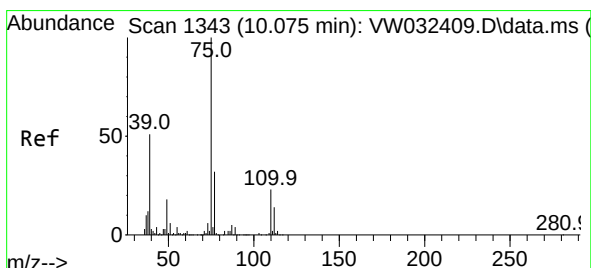
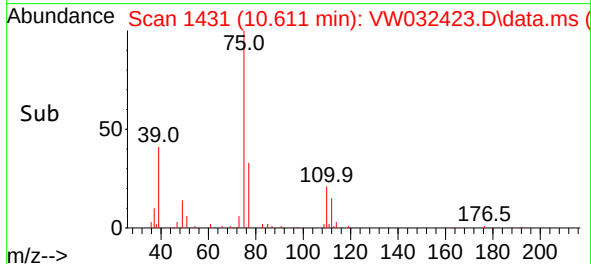
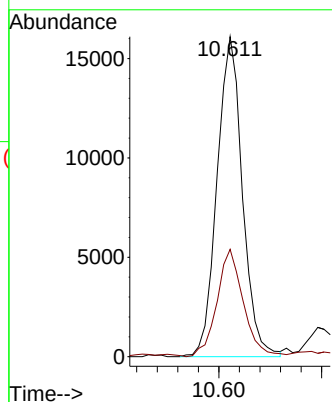
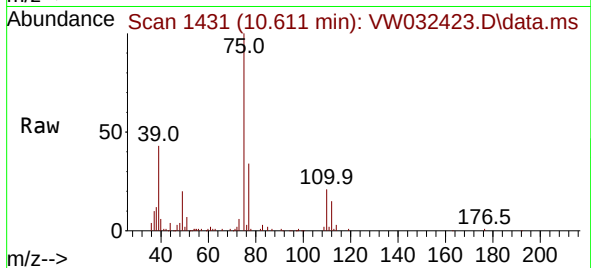
#53
t-1,3-Dichloropropene
Concen: 3.773 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 75 Resp: 27574
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.0

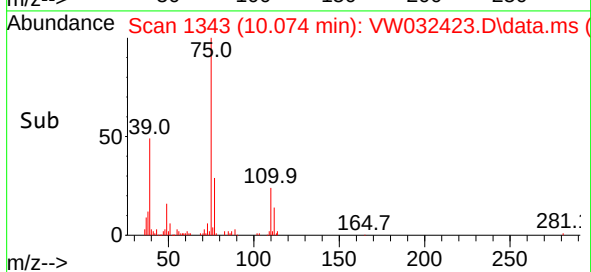
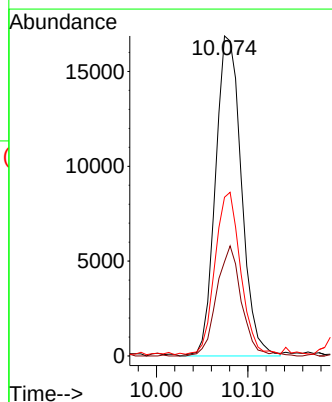
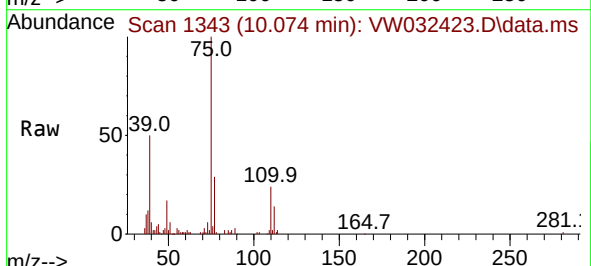
Manual Integrations
APPROVED

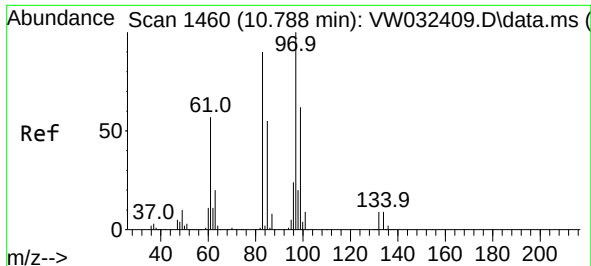
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#54
cis-1,3-Dichloropropene
Concen: 3.934 ug/l
RT: 10.074 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

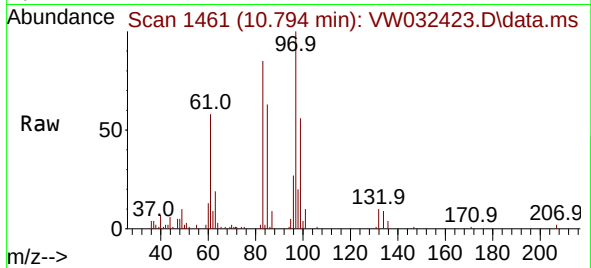
Tgt Ion: 75 Resp: 33247
Ion Ratio Lower Upper
75 100
77 29.4 25.6 38.4
39 49.1 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 4.313 ug/l
RT: 10.794 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

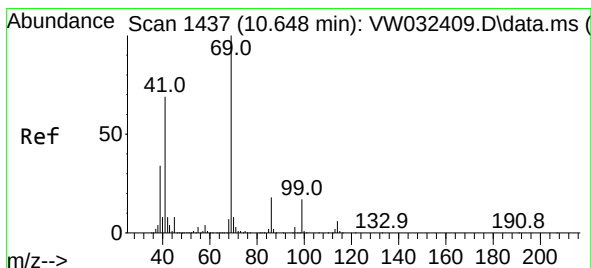
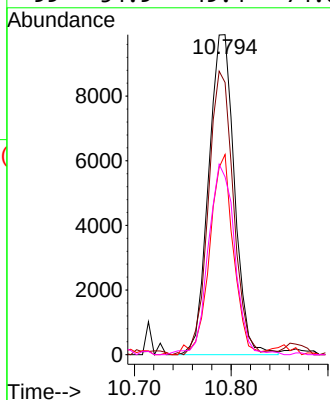
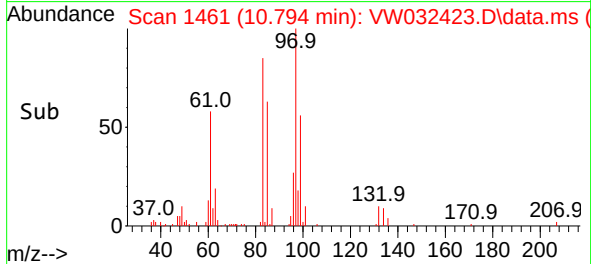
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 97 Resp: 1840
Ion Ratio Lower Upper
97 100
83 84.4 72.2 108.4
85 62.5 43.8 65.8
99 54.9 49.4 74.0

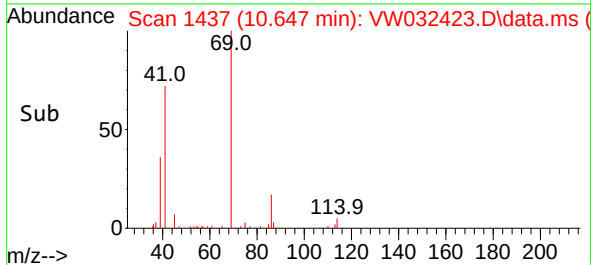
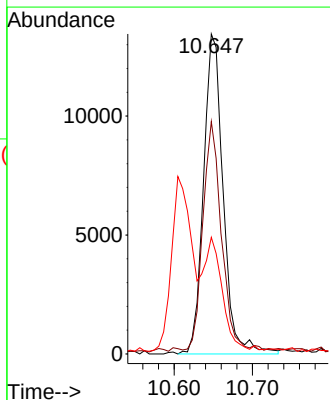
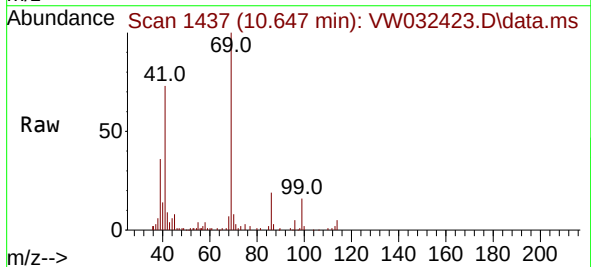
Manual Integrations
APPROVED

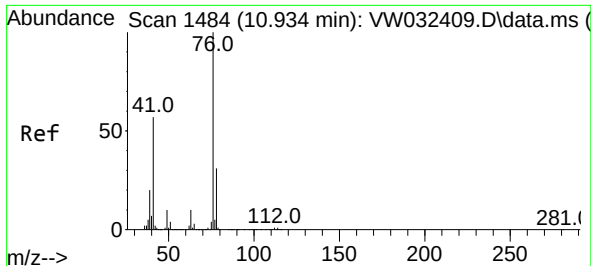
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#56
Ethyl methacrylate
Concen: 3.580 ug/l
RT: 10.647 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

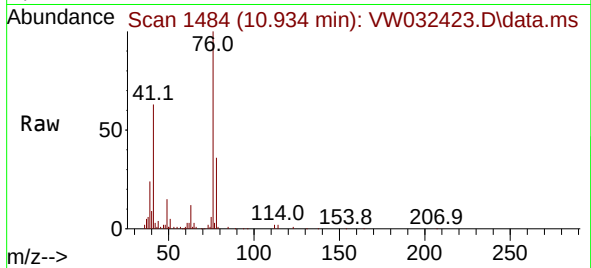
Tgt Ion: 69 Resp: 23438
Ion Ratio Lower Upper
69 100
41 66.5 54.4 81.6
39 29.0 25.4 38.0





#57
1,3-Dichloropropane
Concen: 4.109 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

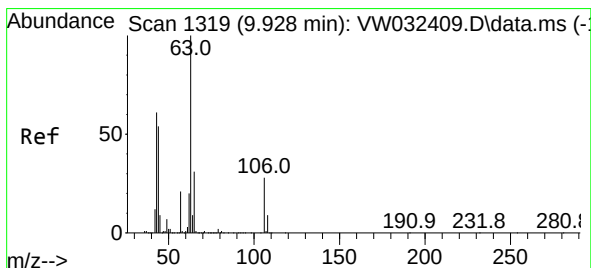
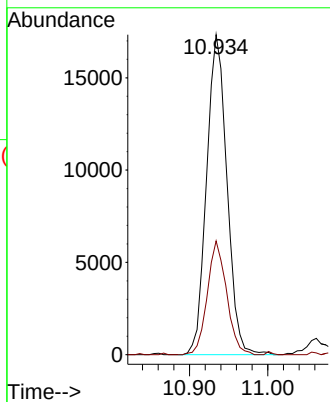
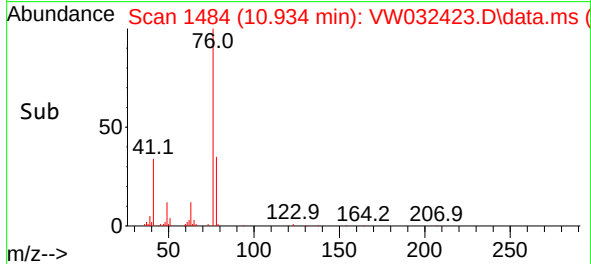
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



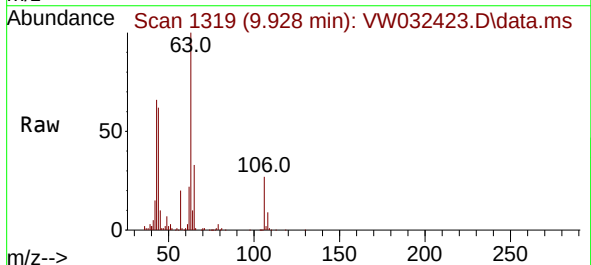
Tgt Ion: 76 Resp: 3131
Ion Ratio Lower Upper
76 100
78 33.7 25.6 38.4

Manual Integrations
APPROVED

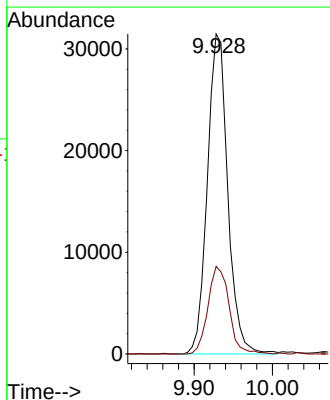
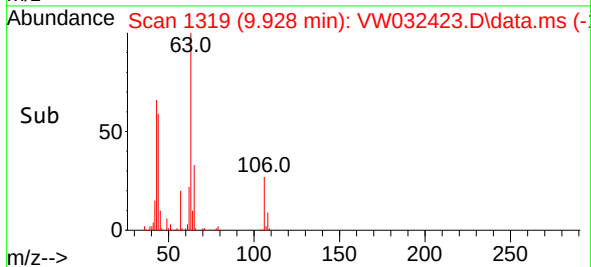
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

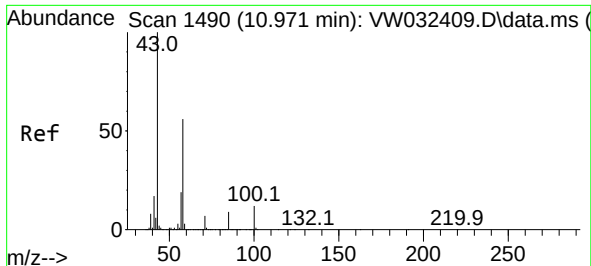


#58
2-Chloroethyl Vinyl ether
Concen: 16.346 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28



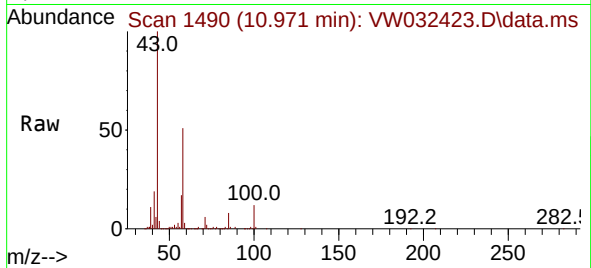
Tgt Ion: 63 Resp: 56992
Ion Ratio Lower Upper
63 100
106 28.2 22.0 33.0





#59
2-Hexanone
Concen: 17.593 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

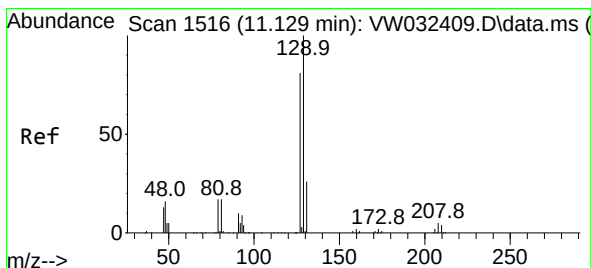
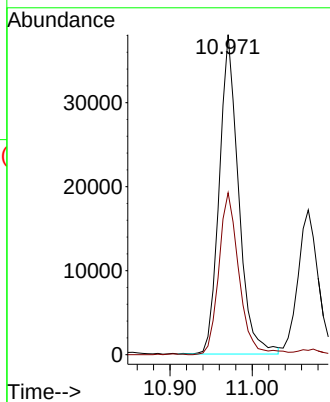
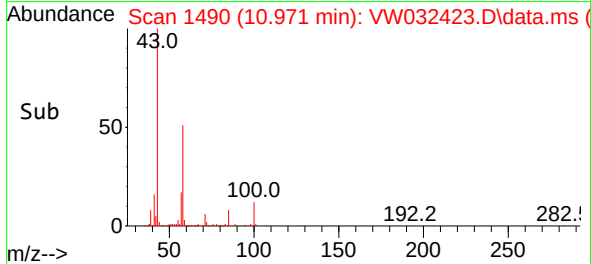
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 43 Resp: 62192
Ion Ratio Lower Upper
43 100
58 53.0 27.4 82.2

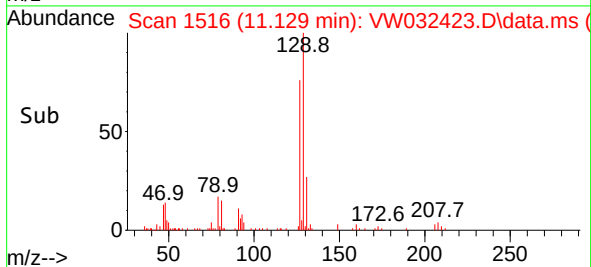
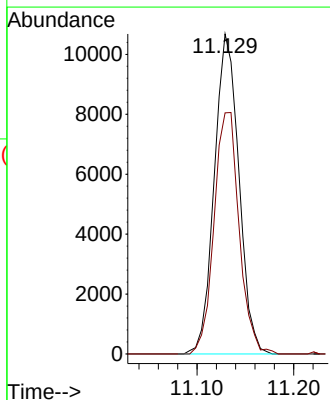
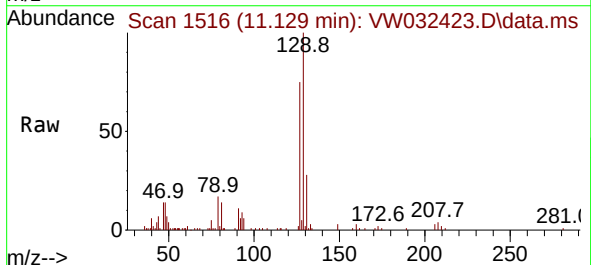
Manual Integrations
APPROVED

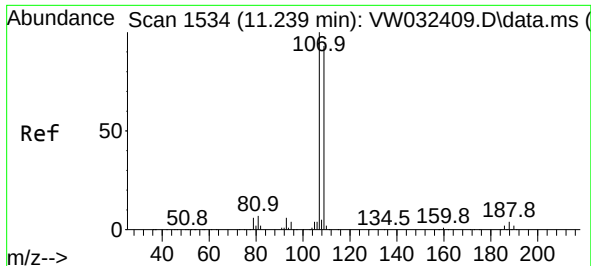
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#60
Dibromochloromethane
Concen: 3.946 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

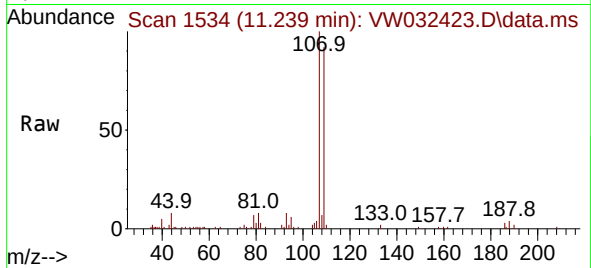
Tgt Ion:129 Resp: 18804
Ion Ratio Lower Upper
129 100
127 77.2 39.2 117.6





#61
1,2-Dibromoethane
Concen: 4.109 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

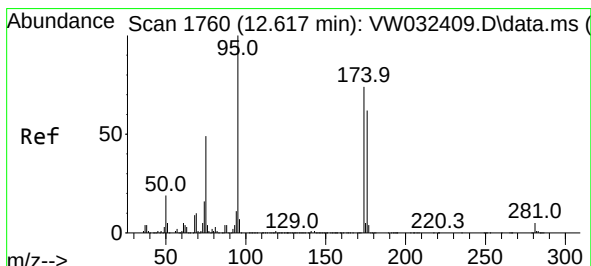
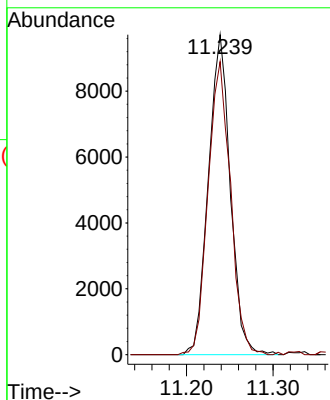
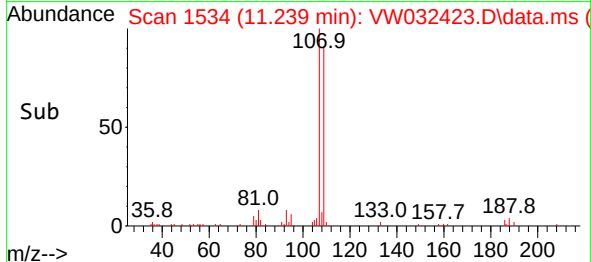
Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:107 Resp: 17078
Ion Ratio Lower Upper
107 100
109 93.7 76.3 114.5

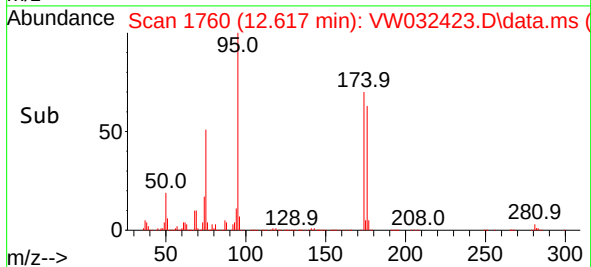
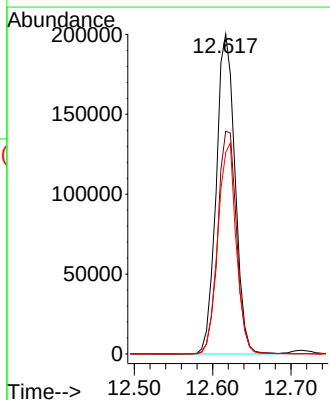
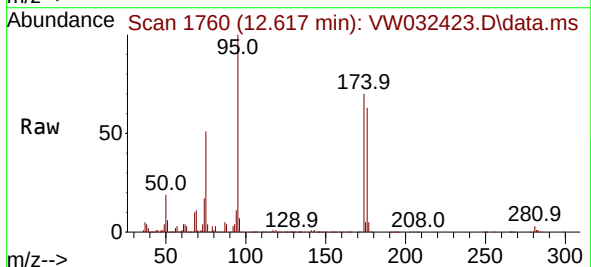
Manual Integrations
APPROVED

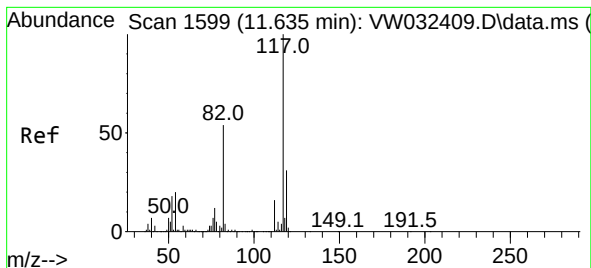
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#62
4-Bromofluorobenzene
Concen: 51.199 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

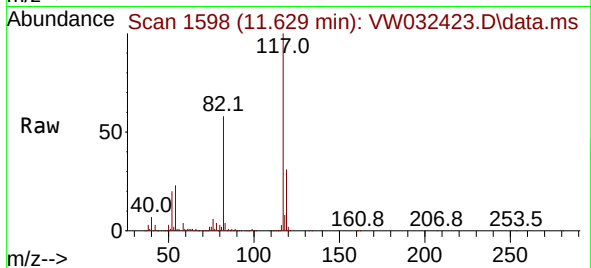
Tgt Ion: 95 Resp: 334279
Ion Ratio Lower Upper
95 100
174 69.5 0.0 135.4
176 64.7 0.0 131.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

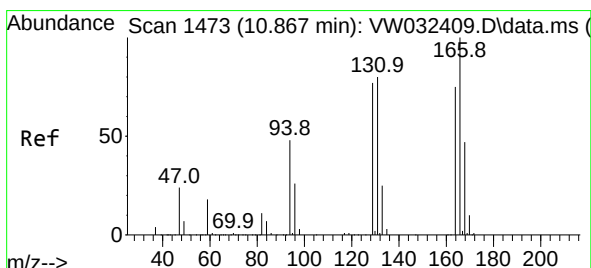
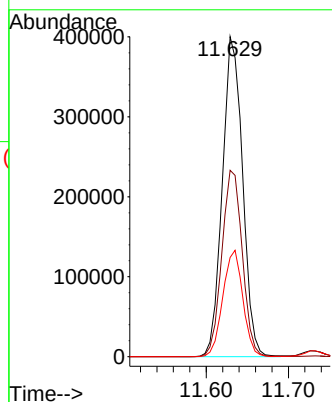
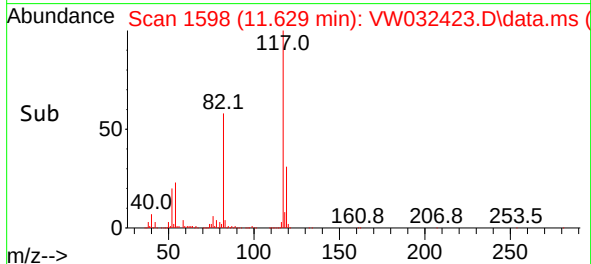
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:117 Resp: 68354
Ion Ratio Lower Upper
117 100
82 58.2 43.0 64.4
119 31.0 25.0 37.6

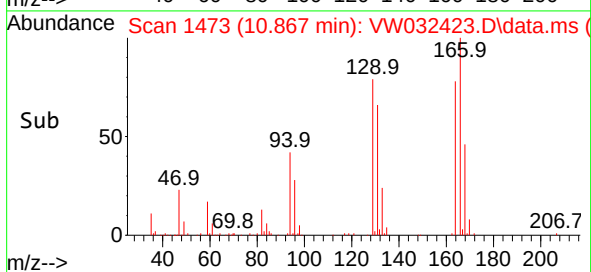
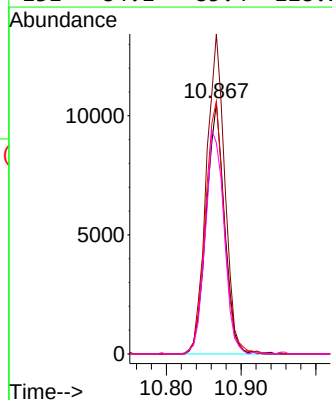
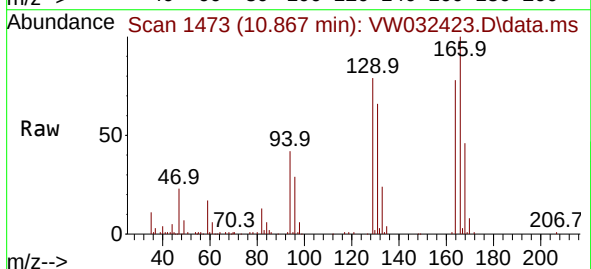
Manual Integrations
APPROVED

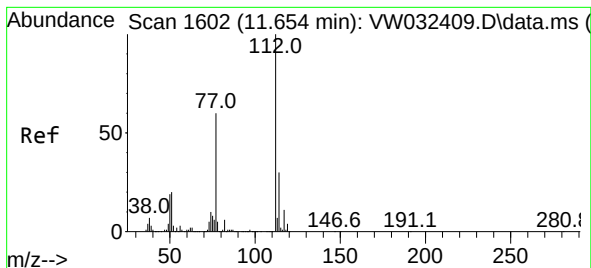
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#64
Tetrachloroethene
Concen: 4.428 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

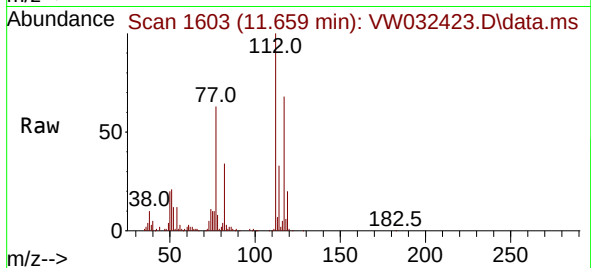
Tgt Ion:164 Resp: 17925
Ion Ratio Lower Upper
164 100
166 127.4 107.0 160.4
129 100.7 82.9 124.3
131 84.1 85.4 128.2#





#65
Chlorobenzene
Concen: 4.134 ug/l
RT: 11.659 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

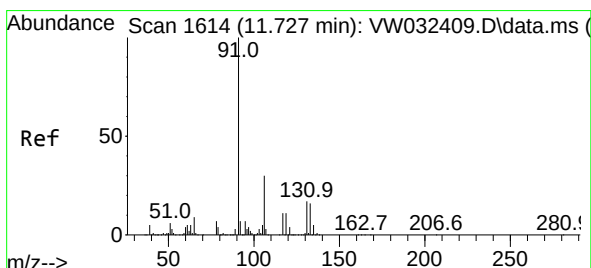
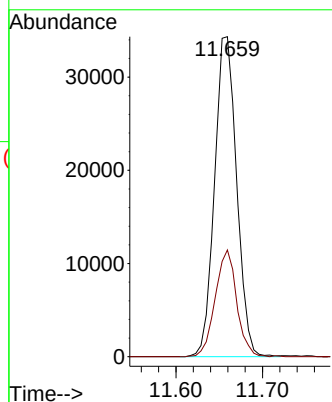
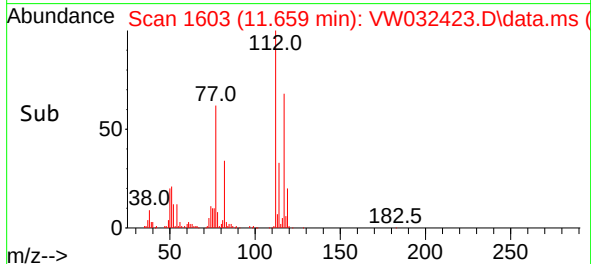
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



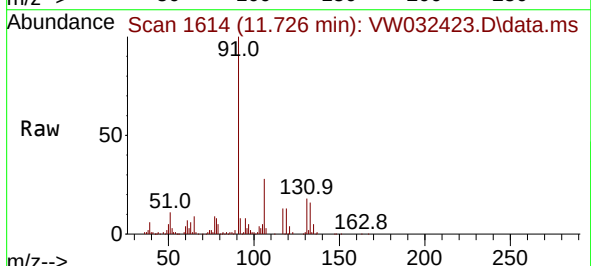
Tgt Ion:112 Resp: 60909
Ion Ratio Lower Upper
112 100
114 33.4 24.4 36.6

Manual Integrations
APPROVED

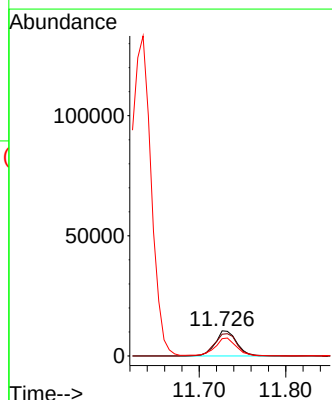
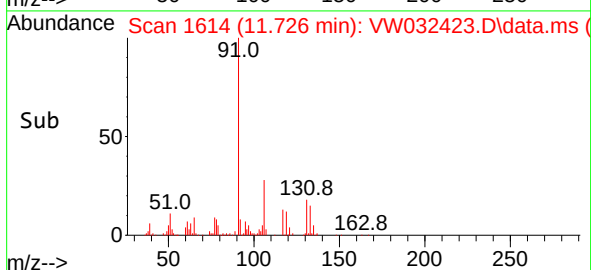
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

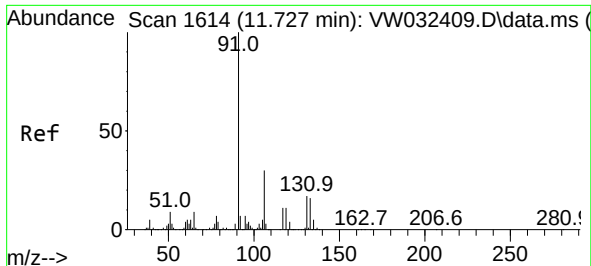


#66
1,1,1,2-Tetrachloroethane
Concen: 3.934 ug/l
RT: 11.726 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28



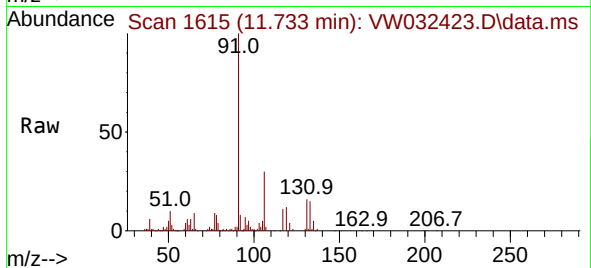
Tgt Ion:131 Resp: 17936
Ion Ratio Lower Upper
131 100
133 95.4 46.9 140.6
119 72.8 33.4 100.2





#67
Ethyl Benzene
Concen: 3.942 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

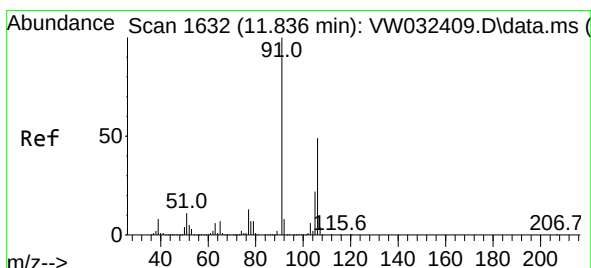
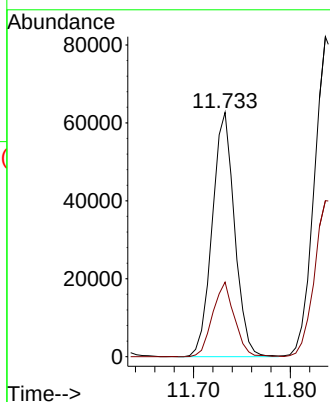
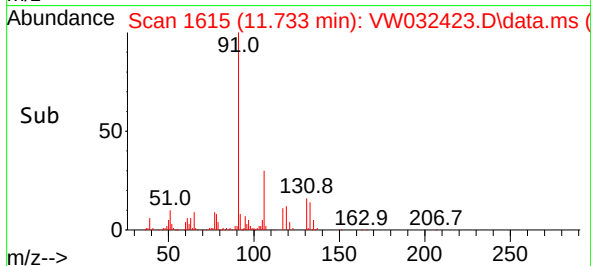
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



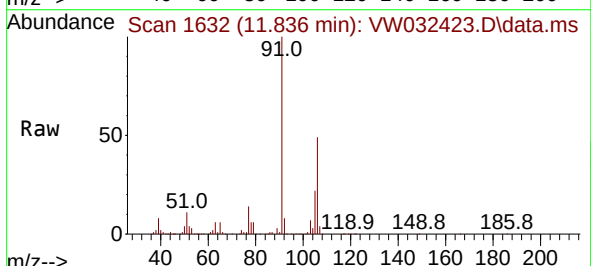
Tgt Ion: 91 Resp: 100480
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.2

Manual Integrations
APPROVED

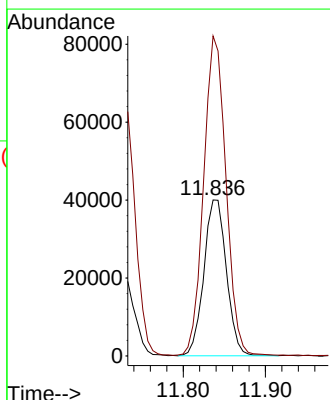
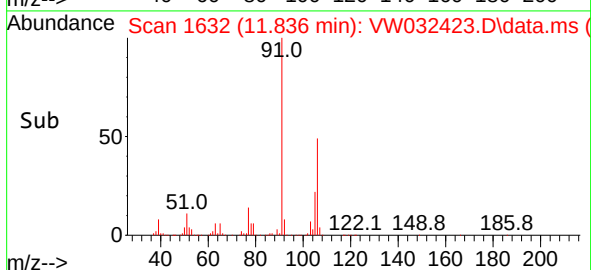
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

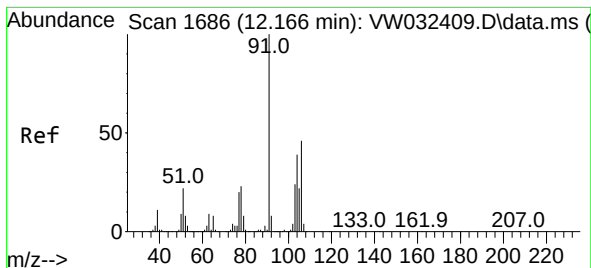


#68
m/p-Xylenes
Concen: 7.983 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28



Tgt Ion:106 Resp: 76406
Ion Ratio Lower Upper
106 100
91 202.4 165.5 248.3





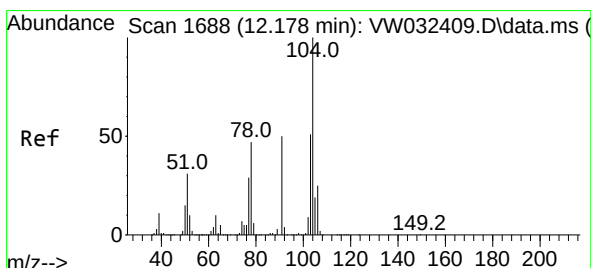
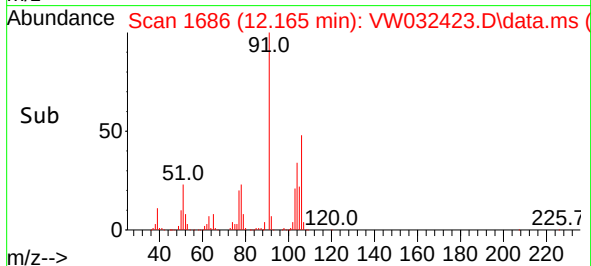
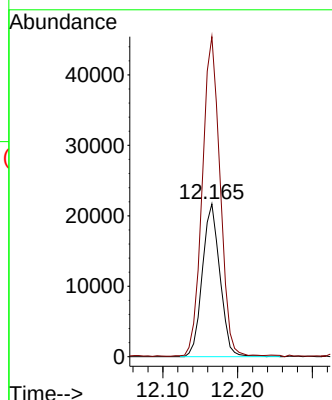
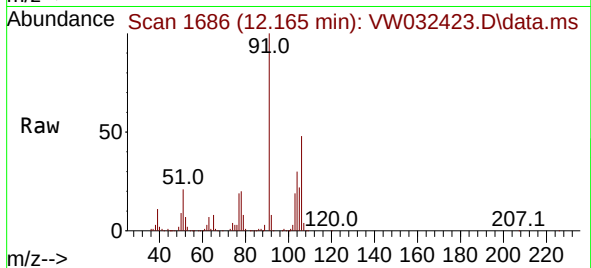
#69
o-Xylene
Concen: 3.856 ug/l
RT: 12.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:106 Resp: 3534
Ion Ratio Lower Upper
106 100
91 212.1 109.3 327.8

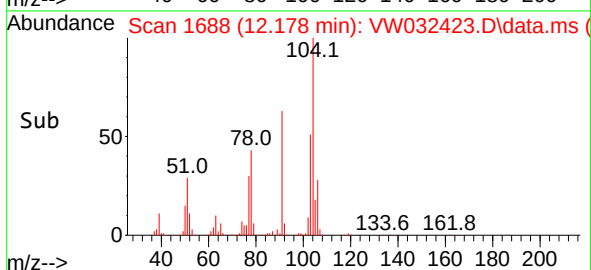
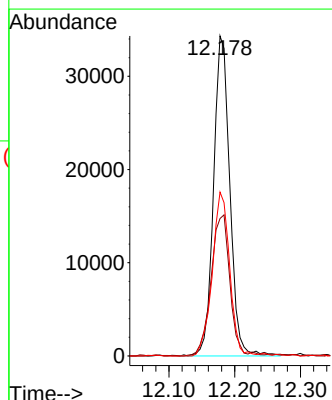
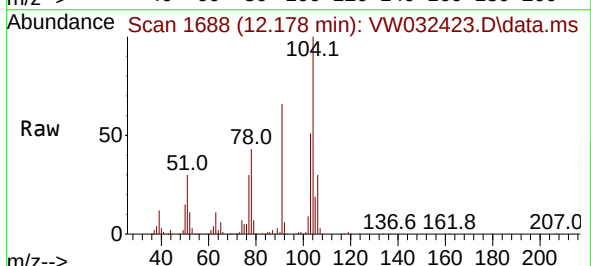
Manual Integrations
APPROVED

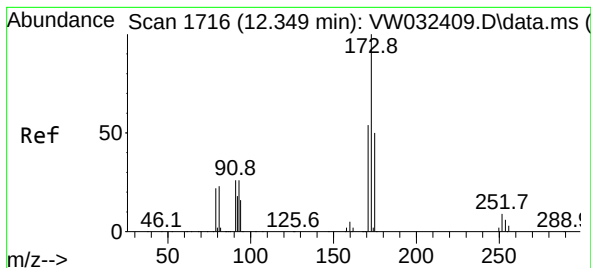
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#70
Styrene
Concen: 3.753 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion:104 Resp: 59170
Ion Ratio Lower Upper
104 100
78 50.6 40.7 61.1
103 54.4 43.9 65.9





#71

Bromoform

Concen: 3.697 ug/l

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:173 Resp: 998

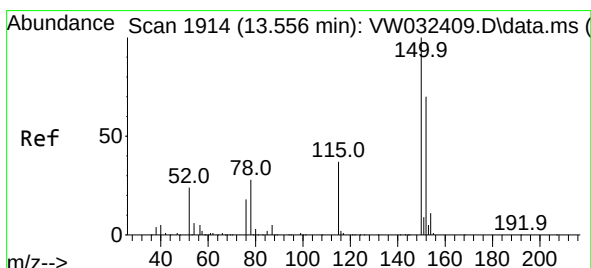
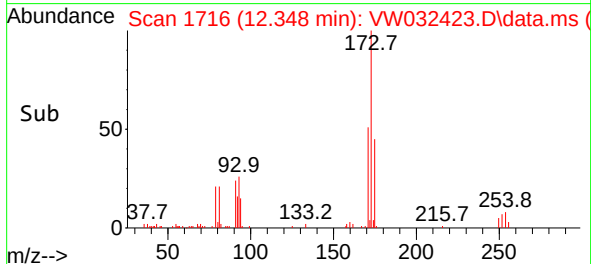
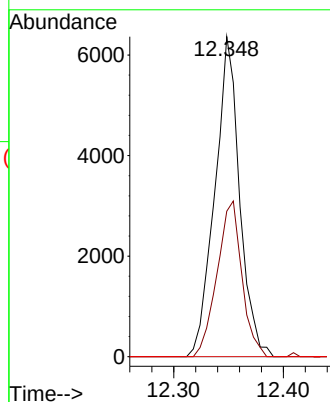
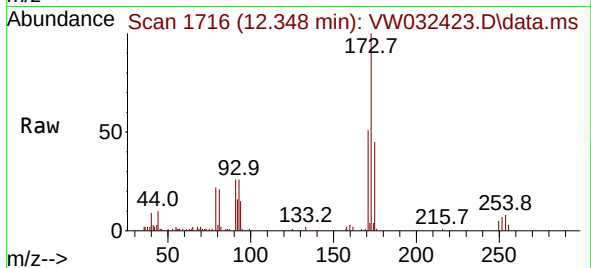
Ion	Ratio	Lower	Upper
173	100		
175	48.7	25.1	75.2
254	0.0	0.1	0.1

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: 13.555 min Scan# 1914

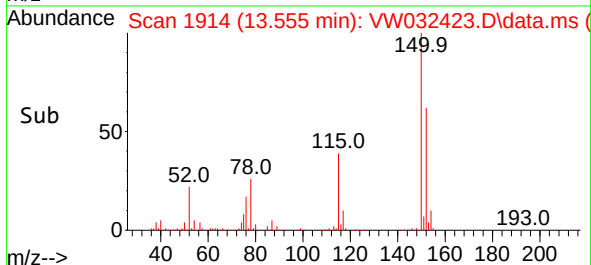
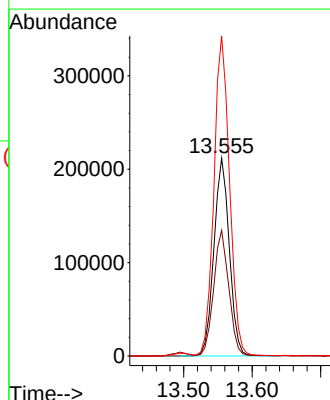
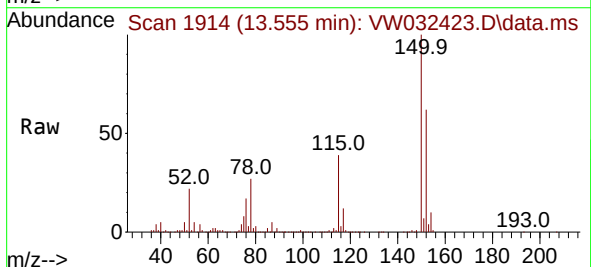
Delta R.T. -0.000 min

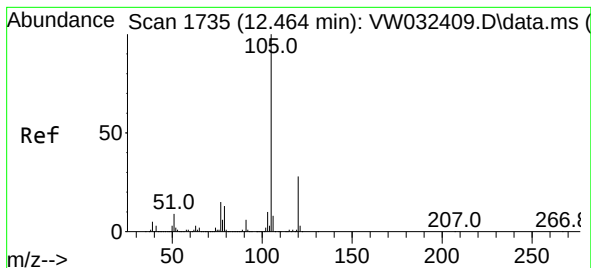
Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Tgt Ion:152 Resp: 329831

Ion	Ratio	Lower	Upper
152	100		
115	62.3	32.8	98.3
150	162.9	0.0	356.6





#73

Isopropylbenzene

Concen: 3.539 ug/l

RT: 12.464 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:105 Resp: 8572

Ion Ratio Lower Upper

105 100

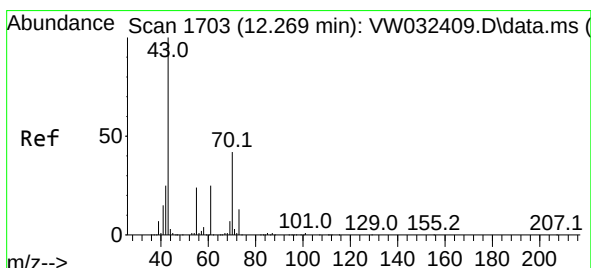
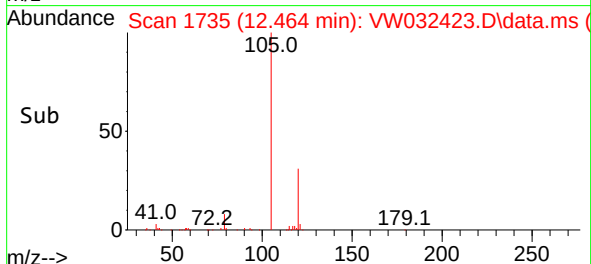
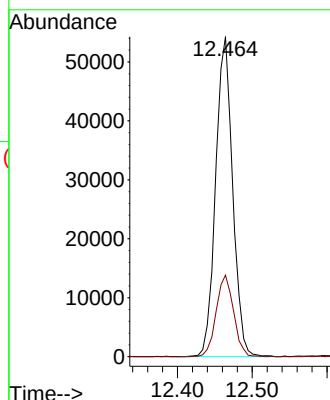
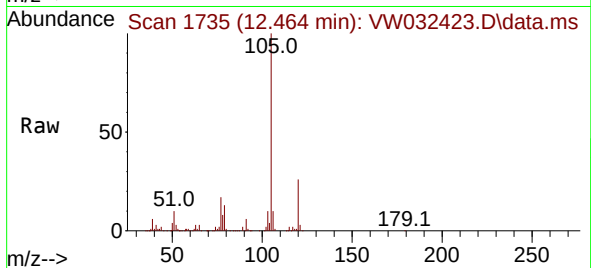
120 26.1 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#74

N-ethyl acetate

Concen: 3.303 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Tgt Ion: 43 Resp: 27801

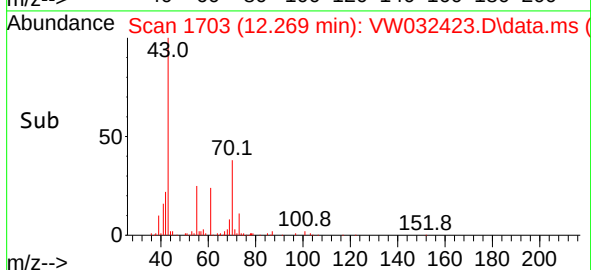
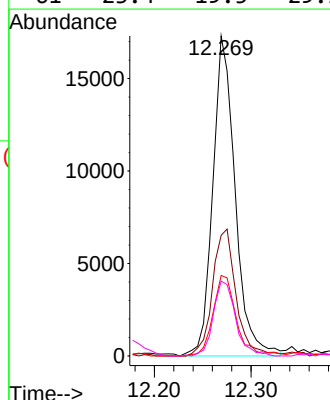
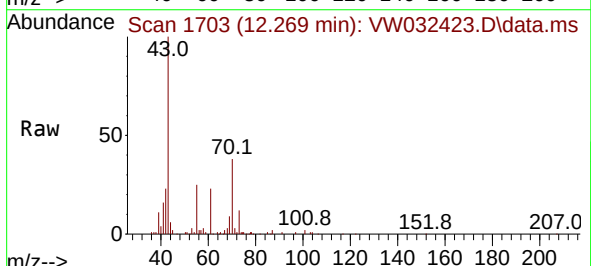
Ion Ratio Lower Upper

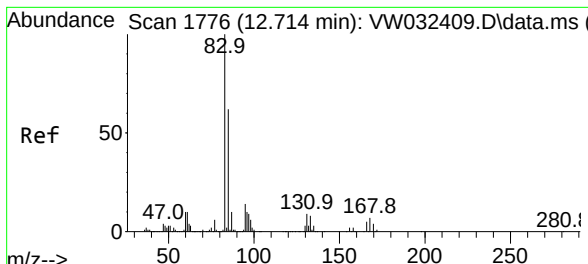
43 100

70 41.7 33.5 50.3

55 25.5 19.3 28.9

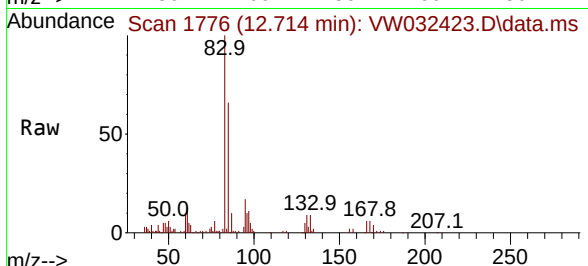
61 23.4 19.5 29.3





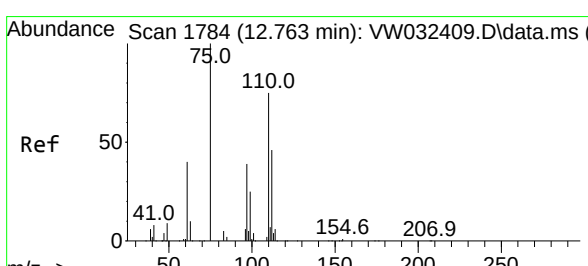
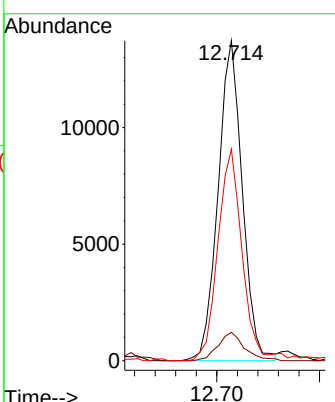
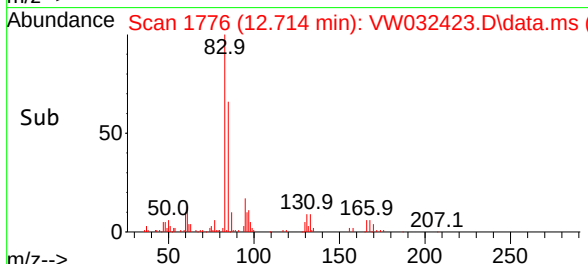
#75
 1,1,2,2-Tetrachloroethane
 Concen: 3.904 ug/l
 RT: 12.714 min Scan# 1776
 Delta R.T. -0.000 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28

Instrument : MSVOA_W
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

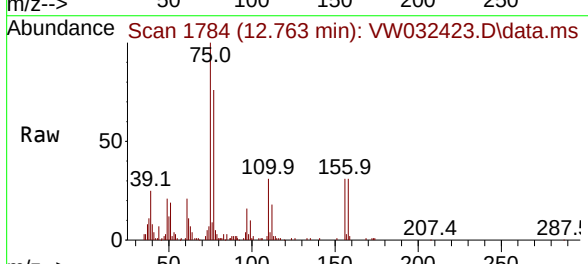


Tgt Ion:	83	Resp:	2244
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.0	14.9
85	67.5	31.6	94.8

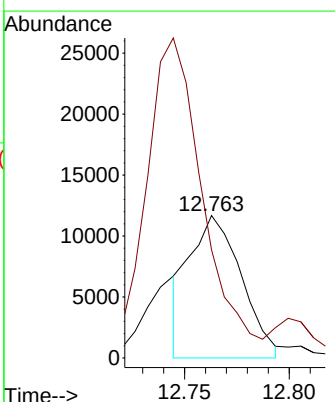
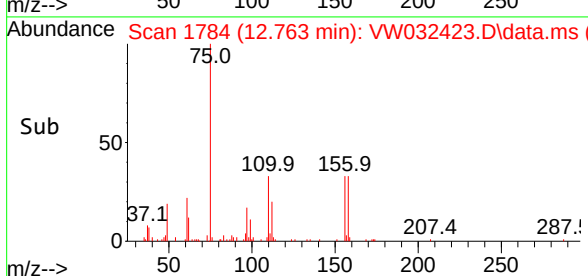
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 Reviewed By :Amit Patel 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

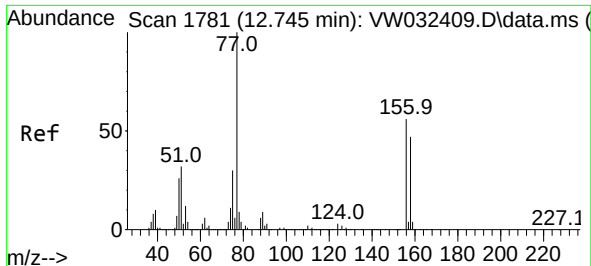


#76
 1,2,3-Trichloropropane
 Concen: 4.440 ug/l m
 RT: 12.763 min Scan# 1784
 Delta R.T. -0.000 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28



Tgt Ion:	75	Resp:	20081
Ion Ratio	Lower	Upper	
75	100		
77	246.7	151.6	454.8





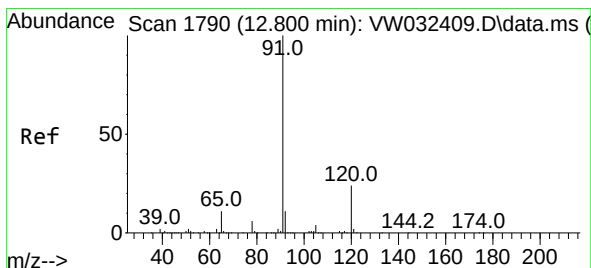
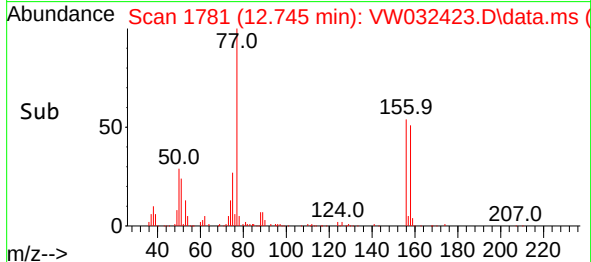
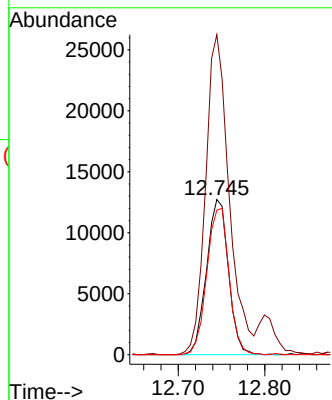
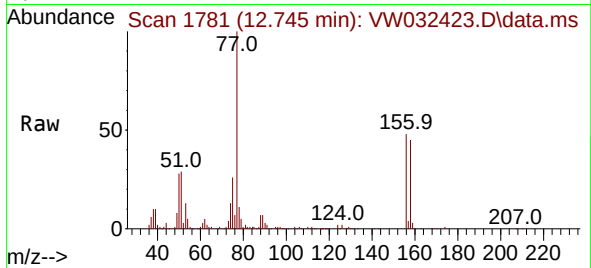
#77
Bromobenzene
Concen: 3.895 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:156 Resp: 2234
Ion Ratio Lower Upper
156 100
77 221.7 108.0 324.0
158 95.7 45.1 135.5

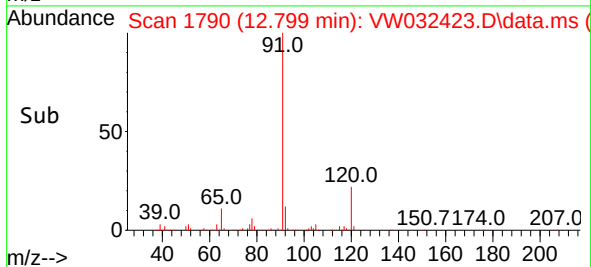
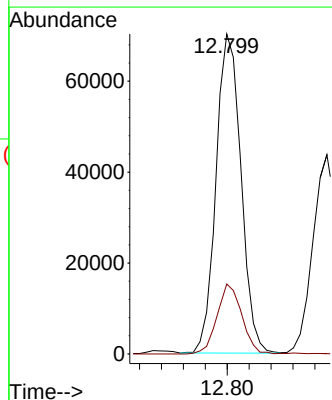
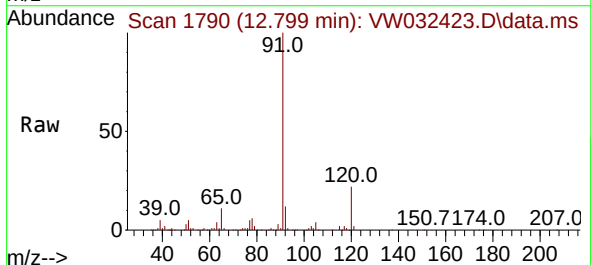
Manual Integrations
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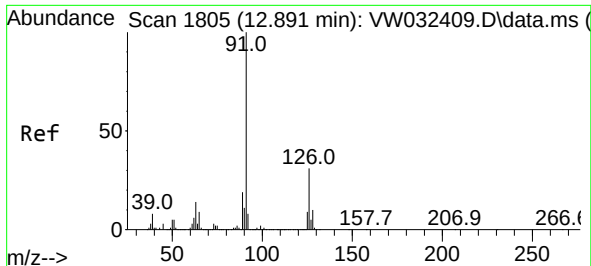
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#78
n-propylbenzene
Concen: 3.760 ug/l
RT: 12.799 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 91 Resp: 110921
Ion Ratio Lower Upper
91 100
120 21.8 11.3 33.9





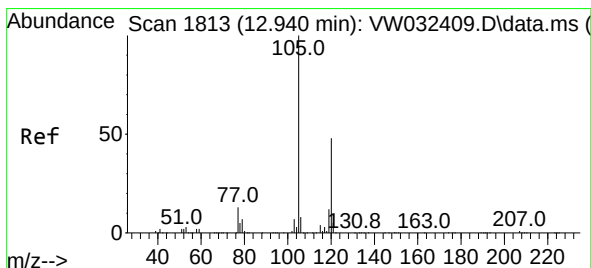
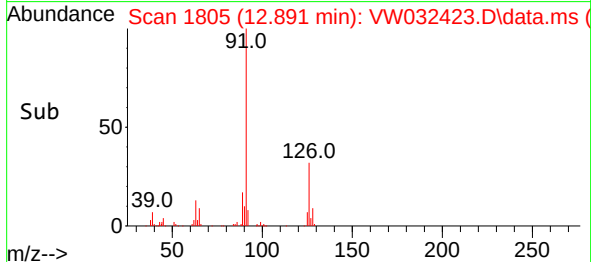
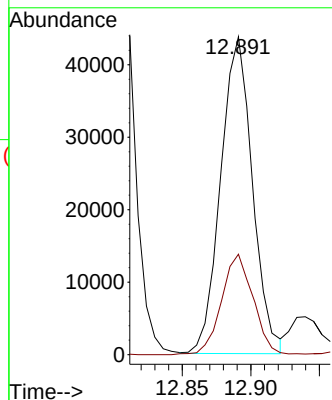
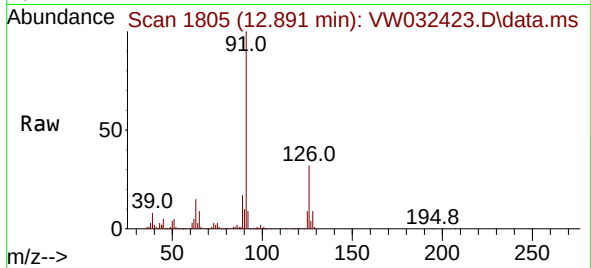
#79
2-Chlorotoluene
Concen: 3.911 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 91 Resp: 70425
Ion Ratio Lower Upper
91 100
126 31.6 16.1 48.2

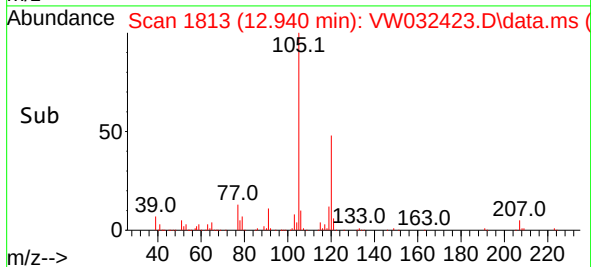
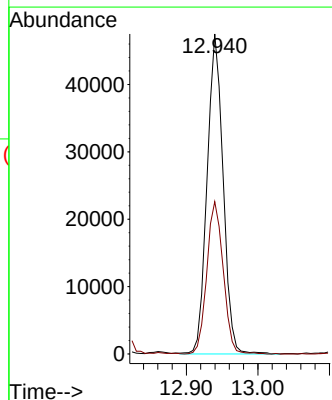
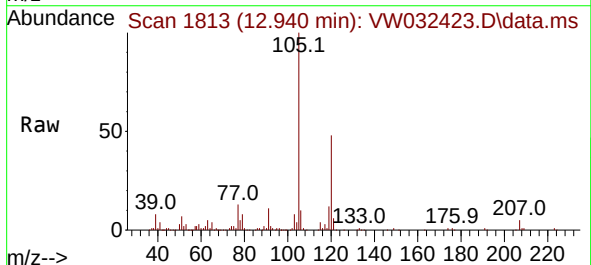
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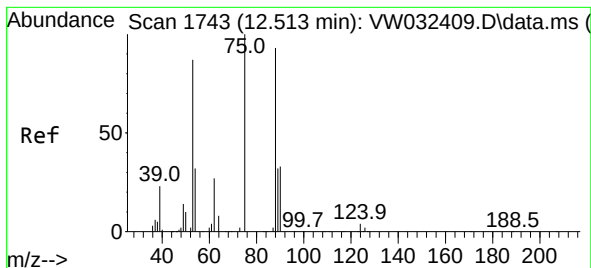
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 3.701 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

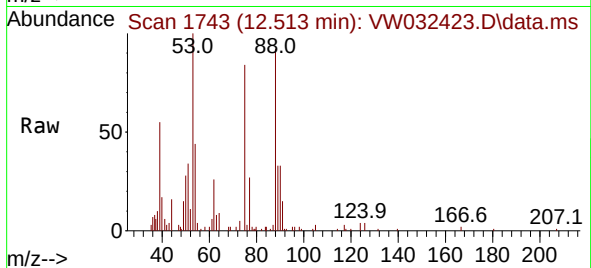
Tgt Ion:105 Resp: 73959
Ion Ratio Lower Upper
105 100
120 48.6 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 3.113 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

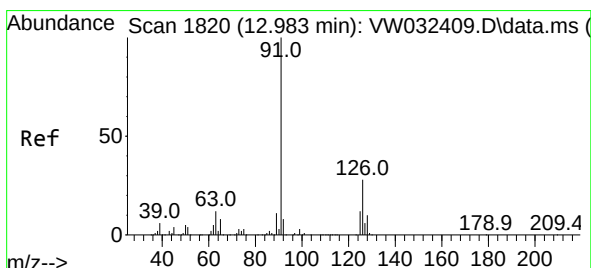
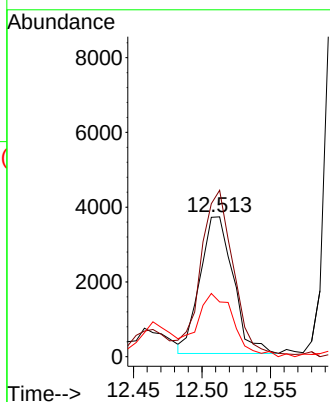
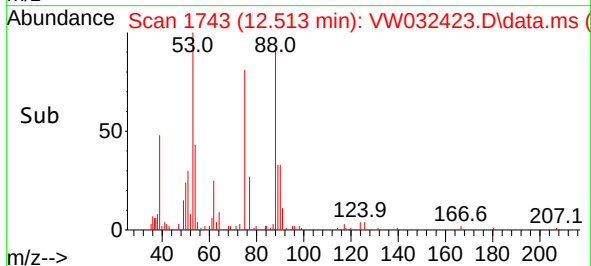
Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



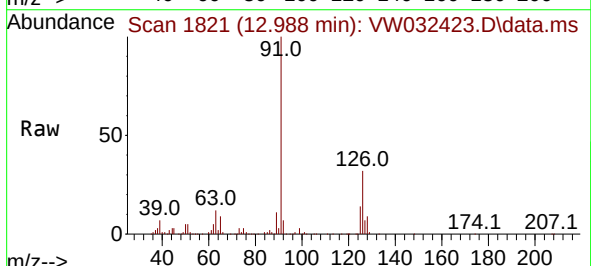
Tgt Ion: 75 Resp: 614
Ion Ratio Lower Upper
75 100
53 123.4 77.8 116.8
89 51.9 35.6 53.4

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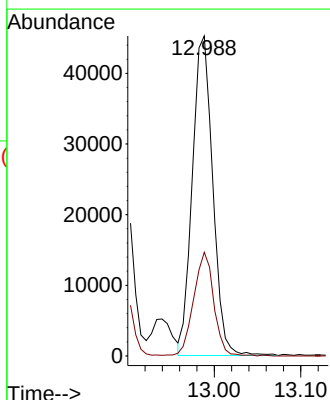
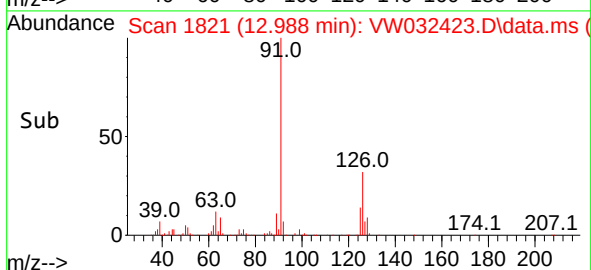
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

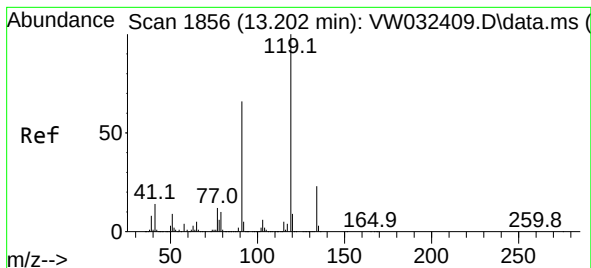


#82
4-Chlorotoluene
Concen: 3.961 ug/l
RT: 12.988 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28



Tgt Ion: 91 Resp: 74190
Ion Ratio Lower Upper
91 100
126 32.0 15.5 46.5





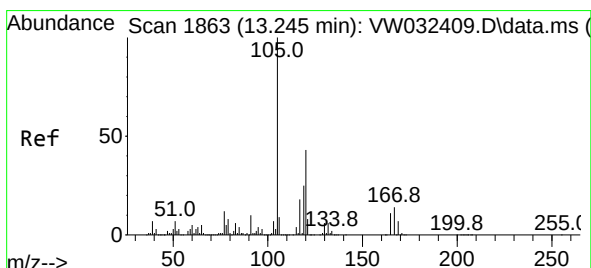
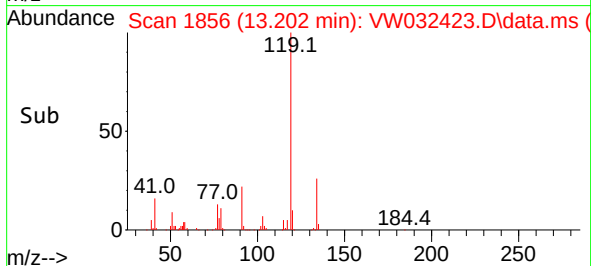
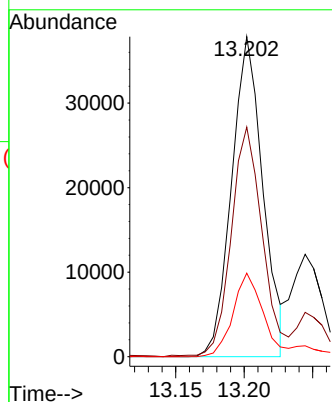
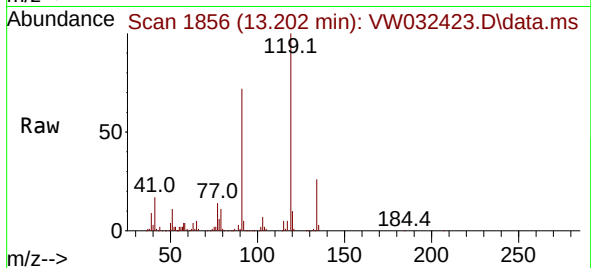
#83
tert-Butylbenzene
Concen: 3.461 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:119 Resp: 6016
Ion Ratio Lower Upper
119 100
91 71.8 33.3 99.9
134 25.0 12.2 36.4

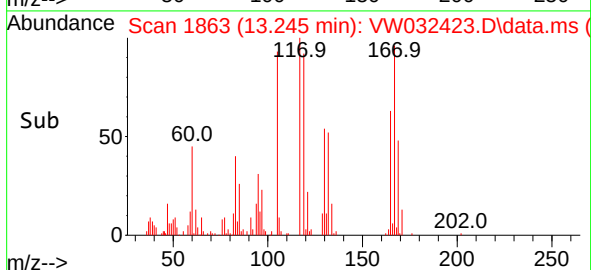
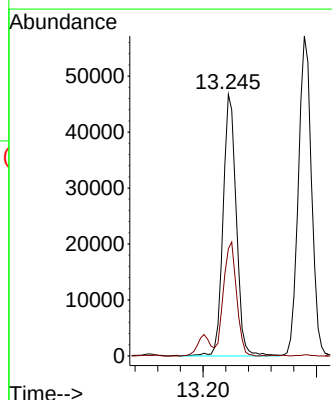
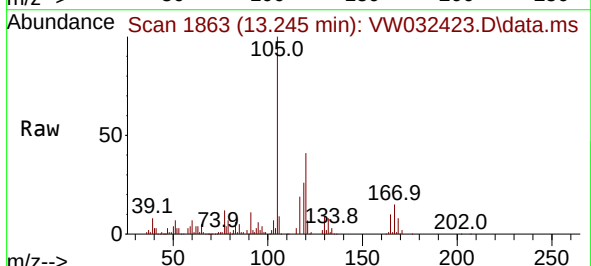
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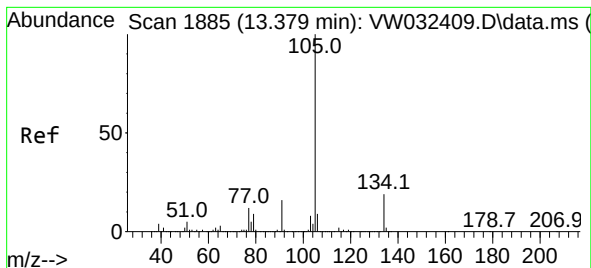
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#84
1,2,4-Trimethylbenzene
Concen: 3.709 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion:105 Resp: 75383
Ion Ratio Lower Upper
105 100
120 43.2 22.1 66.5





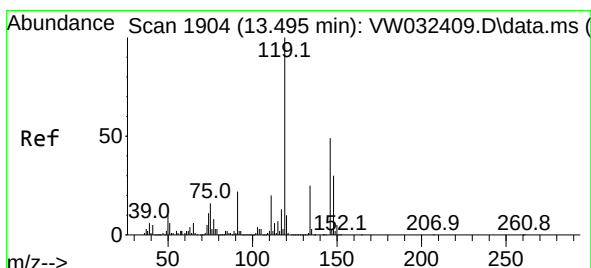
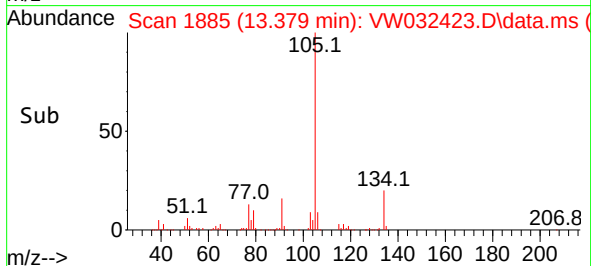
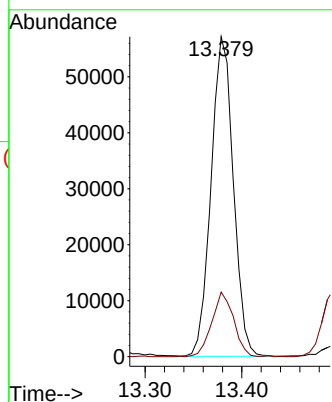
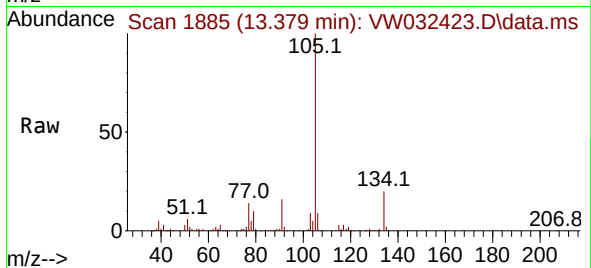
#85
 sec-Butylbenzene
 Concen: 3.529 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28

Instrument : MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:105 Resp: 91358
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

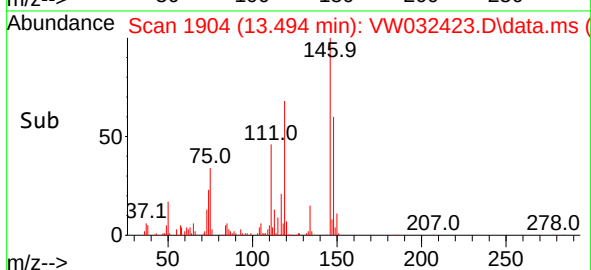
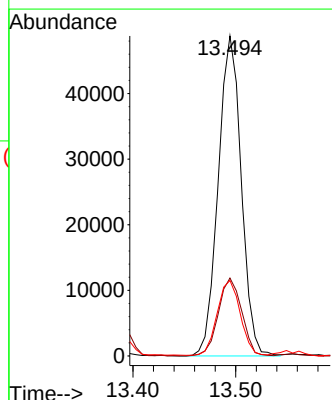
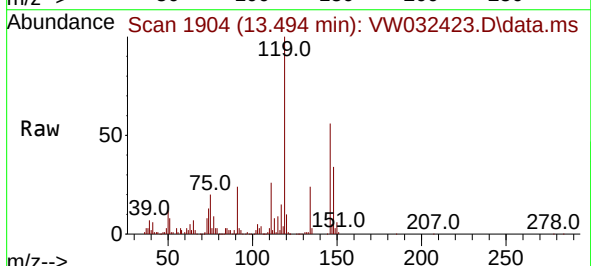
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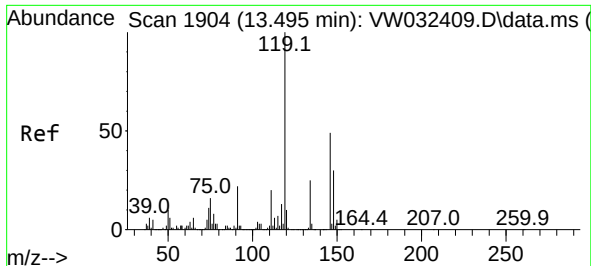
Reviewed By :Amit Patel 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#86
 p-Isopropyltoluene
 Concen: 3.554 ug/l
 RT: 13.494 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28

Tgt Ion:119 Resp: 75967
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.7 38.1
 91 23.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 4.168 ug/l

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

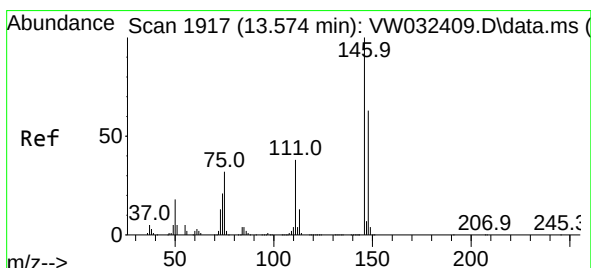
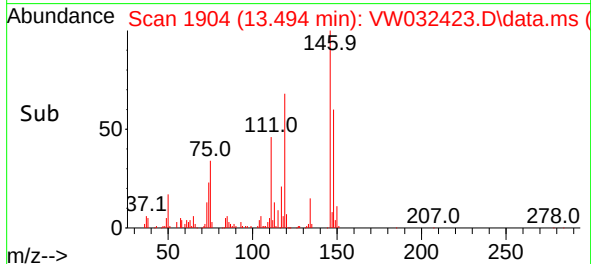
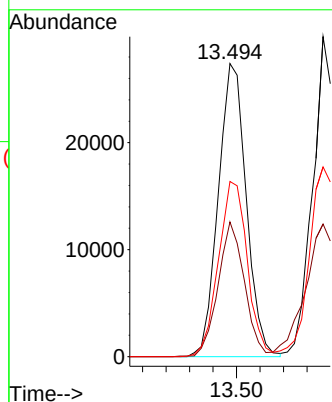
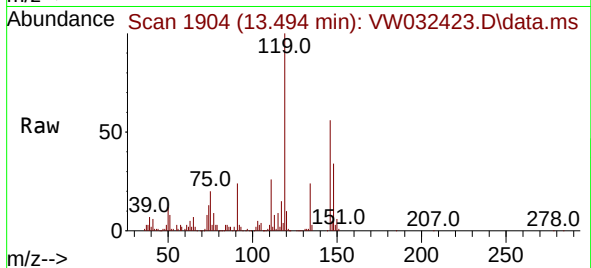
Tgt Ion:	146	Resp:	45320
Ion Ratio	Lower	Upper	
146	100		
111	43.2	22.2	66.6
148	61.7	33.4	100.1

Manual Integrations

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Reviewed By :Amit Patel 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#88

1,4-Dichlorobenzene

Concen: 4.029 ug/l

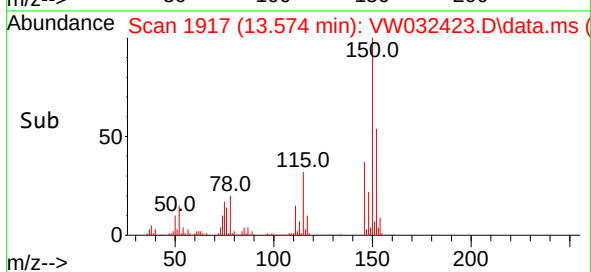
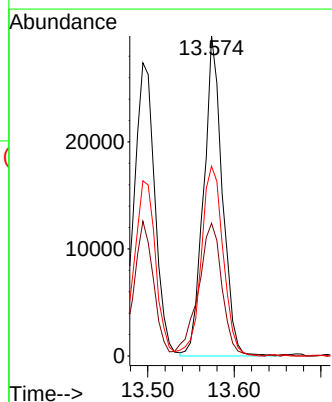
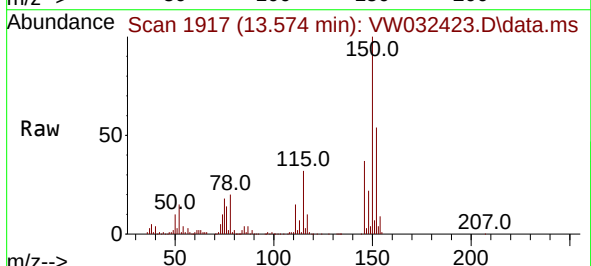
RT: 13.574 min Scan# 1917

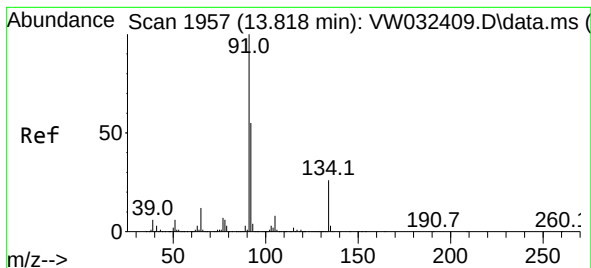
Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Tgt Ion:	146	Resp:	44886
Ion Ratio	Lower	Upper	
146	100		
111	52.8	20.5	61.6
148	69.3	31.2	93.6





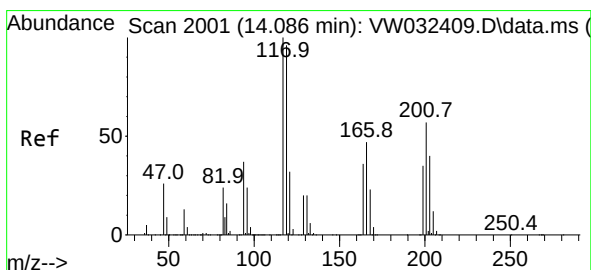
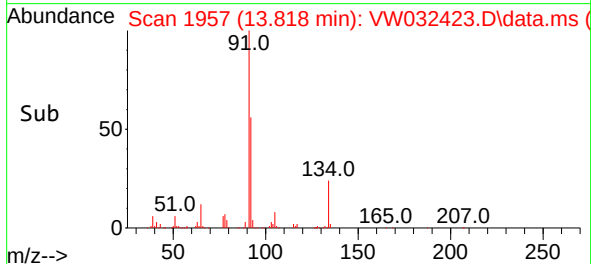
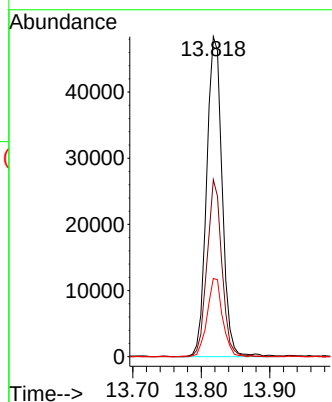
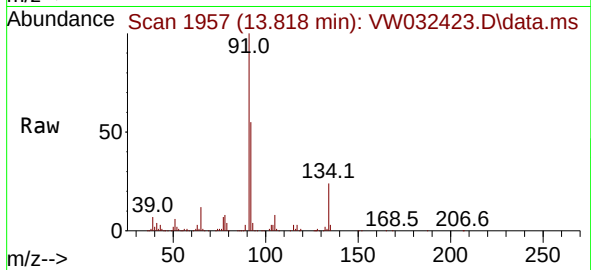
#89
n-Butylbenzene
Concen: 3.661 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 91 Resp: 7646
Ion Ratio Lower Upper
91 100
92 52.7 27.4 82.2
134 24.2 12.4 37.4

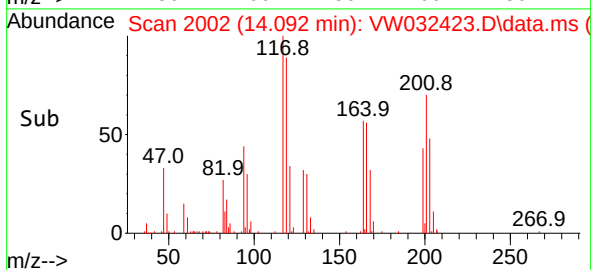
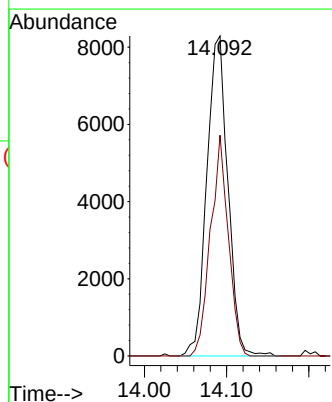
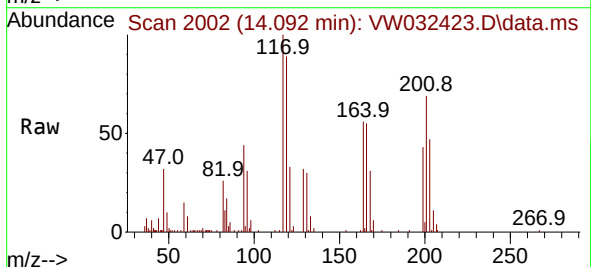
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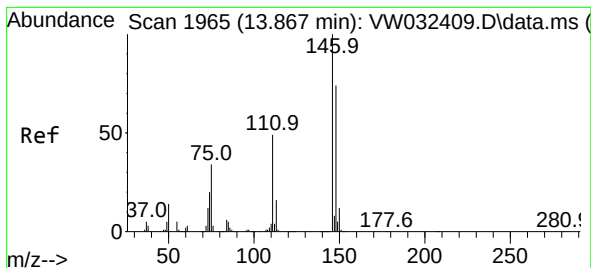
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#90
Hexachloroethane
Concen: 3.825 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion:117 Resp: 14744
Ion Ratio Lower Upper
117 100
201 58.6 32.0 96.0





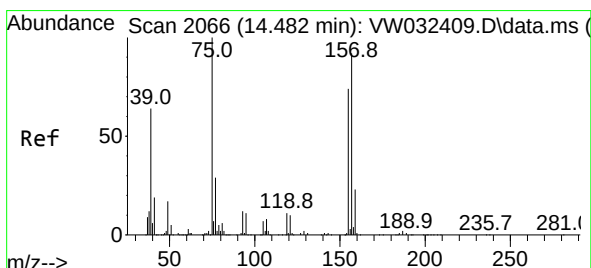
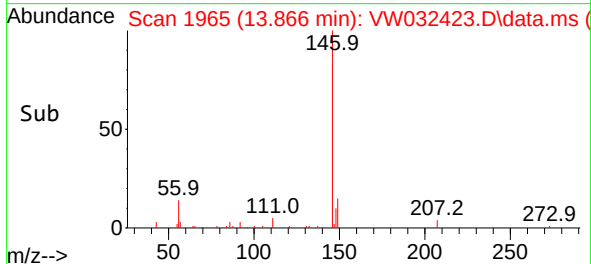
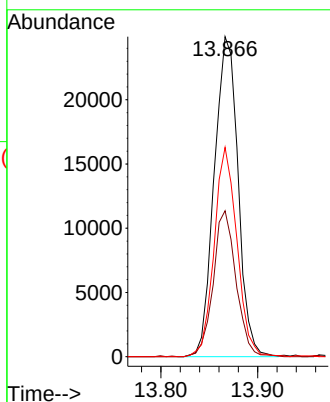
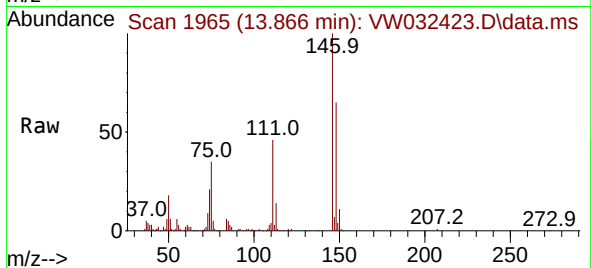
#91
1,2-Dichlorobenzene
Concen: 4.264 ug/l
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:146 Resp: 42568
Ion Ratio Lower Upper
146 100
111 43.7 23.4 70.2
148 62.6 34.0 101.8

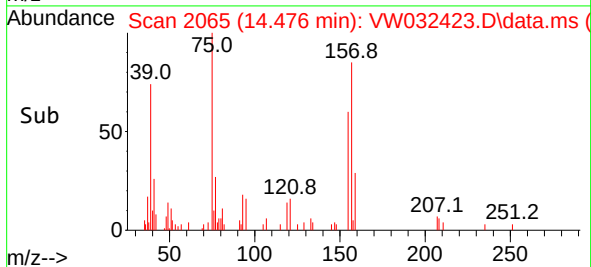
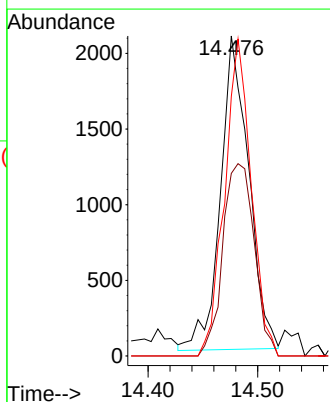
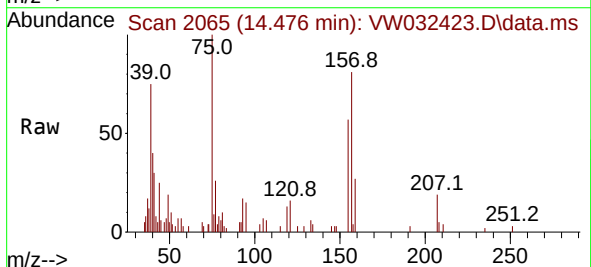
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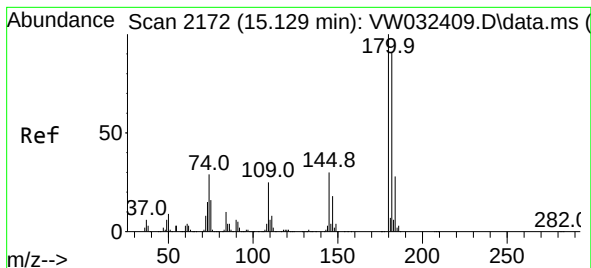
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.745 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

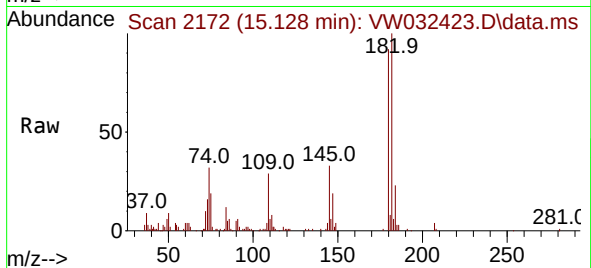
Tgt Ion: 75 Resp: 3709
Ion Ratio Lower Upper
75 100
155 68.5 36.2 108.6
157 95.3 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 3.777 ug/l
RT: 15.128 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

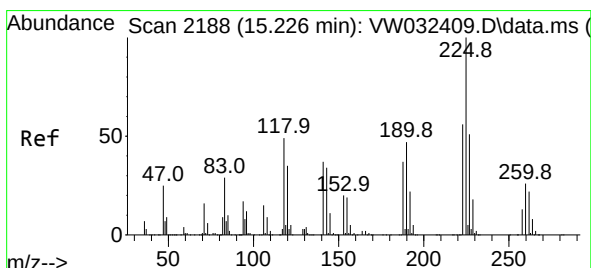
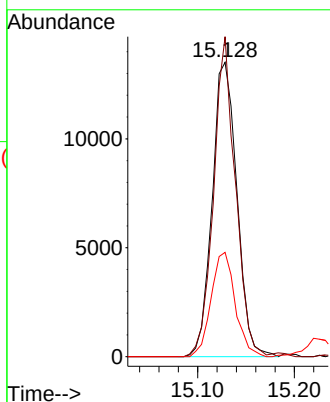
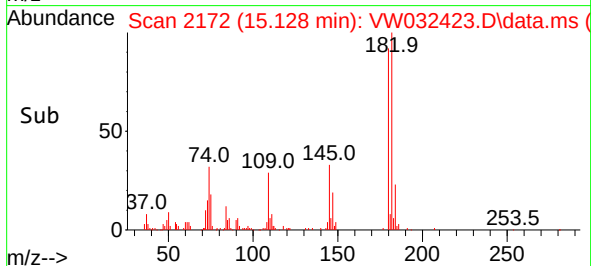
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



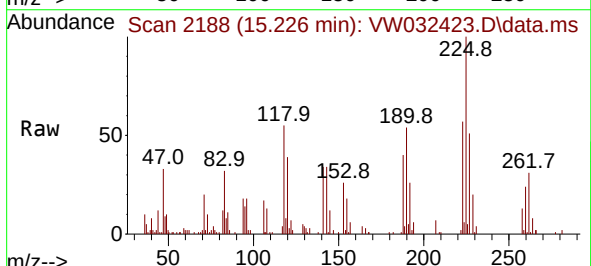
Tgt Ion:180 Resp: 2399
Ion Ratio Lower Upper
180 100
182 96.1 45.3 135.9
145 34.6 16.2 48.5

Manual Integrations
APPROVED

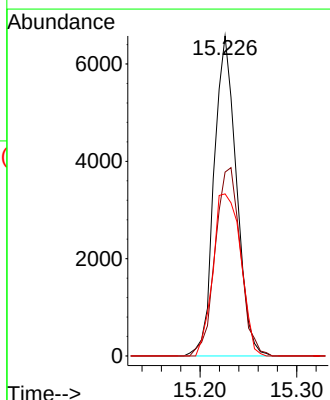
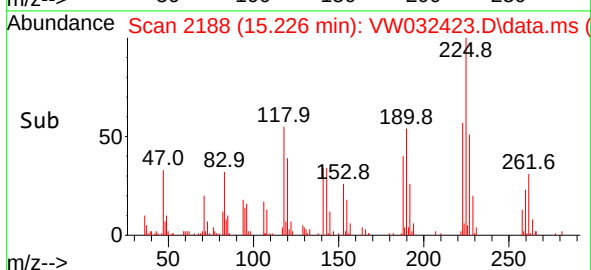
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

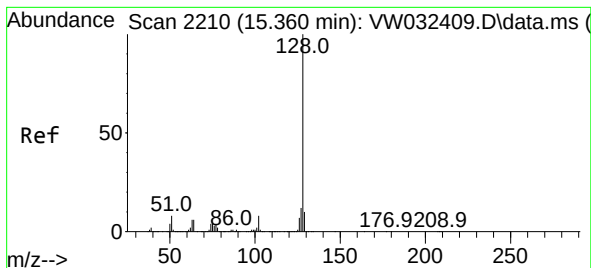


#94
Hexachlorobutadiene
Concen: 4.004 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28



Tgt Ion:225 Resp: 10566
Ion Ratio Lower Upper
225 100
223 66.5 30.6 91.8
227 62.9 29.8 89.4





#95

Naphthalene

Concen: 3.224 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

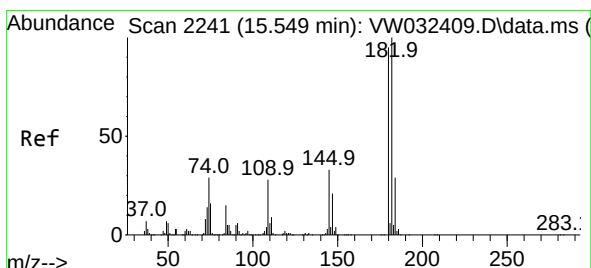
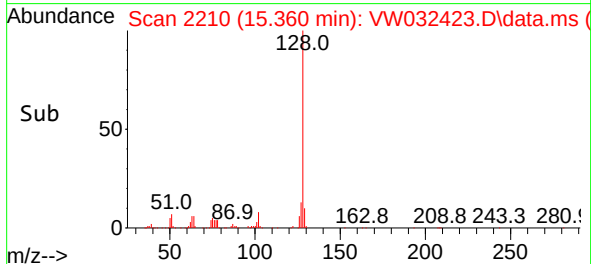
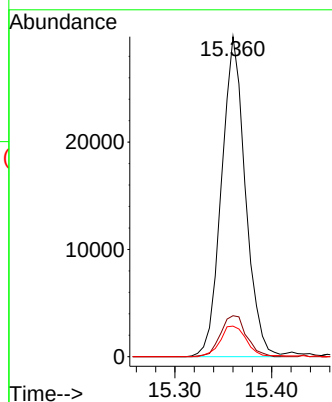
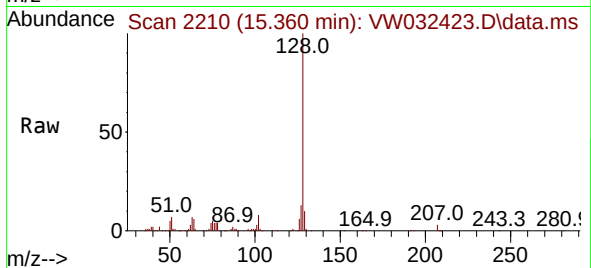
Tgt Ion:128	Resp:	5106
Ion Ratio	Lower	Upper
128	100	
127	14.0	10.2 15.4
129	10.8	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#96

1,2,3-Trichlorobenzene

Concen: 3.818 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Tgt Ion:180	Resp:	22018
Ion Ratio	Lower	Upper
180	100	
182	89.8	50.3 151.0
145	33.7	17.8 53.3

