

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111825\
 Data File : VV039401.D
 Acq On : 18 Nov 2025 11:35
 Operator : SY/MD
 Sample : Q3589-06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT4-2025-08

Quant Time: Nov 19 03:53:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 19 03:46:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	1022272	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	1055512	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	510314	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	463105	46.483	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.960%		
7) Chloroethane-d5	1.545	69	367574	49.417	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.840%		
11) 1,1-Dichloroethene-d2	2.072	65	200147	47.729	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.460%		
21) 2-Butanone-d5	3.786	46	471132	89.561	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.560%		
24) Chloroform-d	4.252	84	796393	48.234	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.460%		
26) 1,2-Dichloroethane-d4	4.940	65	521904	50.794	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.580%		
32) Benzene-d6	4.960	84	1558637	49.506	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.020%		
36) 1,2-Dichloropropane-d6	5.982	67	501620	51.051	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.100%		
41) Toluene-d8	7.236	98	1353121	46.536	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.080%		
43) trans-1,3-Dichloroprop...	7.545	79	223904	45.165	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.320%		
47) 2-Hexanone-d5	8.014	63	340502	90.711	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.710%		
56) 1,1,2,2-Tetrachloroeth...	10.140	84	681333	47.438	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.880%		
66) 1,2-Dichlorobenzene-d4	11.548	152	529094	55.197	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	16921	2.359	ug/L	93
3) Chloromethane	1.230	50	20283	2.580	ug/L	96
5) Vinyl chloride	1.297	62	24635m	2.781	ug/L	
6) Bromomethane	1.500	94	15297	3.100	ug/L	100
8) Chloroethane	1.561	64	15526	2.663	ug/L	89
9) Trichlorofluoromethane	1.728	101	37721	2.632	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.085	101	27349	3.141	ug/L #	84
12) 1,1-Dichloroethene	2.082	96	25342m	3.380	ug/L	
13) Acetone	2.124	43	35210	4.944	ug/L	97
14) Carbon disulfide	2.252	76	53330	2.506	ug/L	100
15) Methyl Acetate	2.394	43	25552m	2.761	ug/L	
17) trans-1,2-Dichloroethene	2.712	96	18900	2.418	ug/L	87
18) Methyl tert-butyl Ether	2.712	73	50074	2.098	ug/L	97
19) 1,1-Dichloroethane	3.127	63	36802	2.375	ug/L	96
20) cis-1,2-Dichloroethene	3.828	96	20501	2.435	ug/L	93
22) 2-Butanone	3.921	43	36252m	5.117	ug/L	
23) Bromochloromethane	4.169	128	12462	2.507	ug/L	95
27) 1,2-Dichloroethane	5.056	62	35322	2.833	ug/L	98
29) Cyclohexane	4.587	56	24899	1.993	ug/L #	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111825\
 Data File : VV039401.D
 Acq On : 18 Nov 2025 11:35
 Operator : SY/MD
 Sample : Q3589-06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT4-2025-08

Quant Time: Nov 19 03:53:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 19 03:46:50 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

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

30) 1,1,1-Trichloroethane	4.522	97	35453	2.375	ug/L #	81
31) Carbon tetrachloride	4.744	117	30392	2.211	ug/L	89
33) Benzene	5.014	78	74622	2.264	ug/L	100
34) Trichloroethene	5.847	95	21383	2.402	ug/L	97
35) Methylcyclohexane	6.046	83	34538m	2.640	ug/L	
37) 1,2-Dichloropropane	6.098	63	20971	2.250	ug/L	99
38) Bromodichloromethane	6.439	83	29993	2.315	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	33829m	2.357	ug/L	
40) 4-Methyl-2-pentanone	7.159	43	57898m	4.941	ug/L	
42) Toluene	7.316	91	84483	2.419	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	28729	2.077	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	22742	2.346	ug/L	96
46) Tetrachloroethene	7.905	164	20697	2.531	ug/L	95
48) 2-Hexanone	8.079	43	52810m	5.395	ug/L	
49) Dibromochloromethane	8.172	129	27237	2.460	ug/L	100
50) 1,2-Dibromoethane	8.284	107	25408	2.433	ug/L #	99
51) Chlorobenzene	8.808	112	60752	2.427	ug/L	97
52) Ethylbenzene	8.943	91	80126	2.111	ug/L	98
53) m,p-Xylene	9.072	106	27417	1.887	ug/L	99
54) o-Xylene	9.474	106	24728	1.781	ug/L	95
55) Styrene	9.500	104	45489m	1.863	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.165	83	42400	2.722	ug/L #	91
59) Bromoform	9.657	173	20976	2.686	ug/L	98
60) Isopropylbenzene	9.860	105	67829	2.184	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	31190	3.135	ug/L	98
62) 1,3,5-Trimethylbenzene	10.467	105	50886	2.098	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	46381	1.945	ug/L	96
64) 1,3-Dichlorobenzene	11.111	146	40556	2.398	ug/L	94
65) 1,4-Dichlorobenzene	11.197	146	51154	2.808	ug/L	96
67) 1,2-Dichlorobenzene	11.567	146	50417	2.985	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.358	75	6933	2.482	ug/L	92
69) 1,3,5-Trichlorobenzene	12.574	180	28662	2.380	ug/L	92
70) 1,2,4-trichlorobenzene	13.191	180	22896	2.181	ug/L	93
71) Naphthalene	13.432	128	57217	1.936	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	24071	2.214	ug/L	96

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

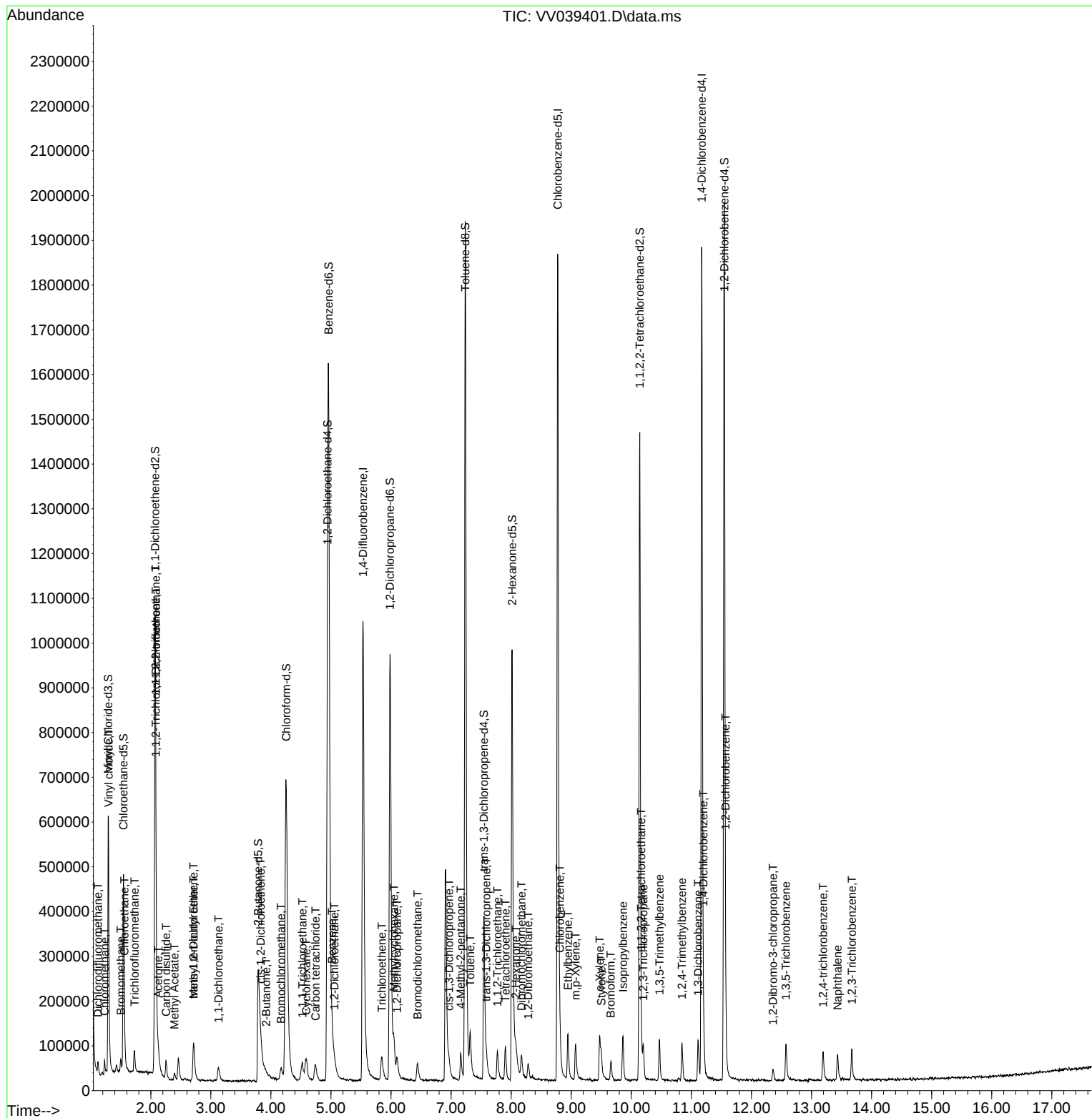
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111825\
Data File : VV039401.D
Acq On : 18 Nov 2025 11:35
Operator : SY/MD
Sample : Q3589-06
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

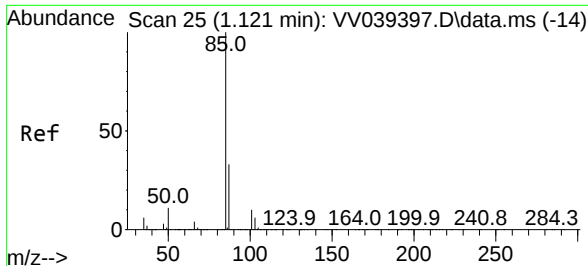
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2025-08

Quant Time: Nov 19 03:53:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111725WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 19 03:46:50 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

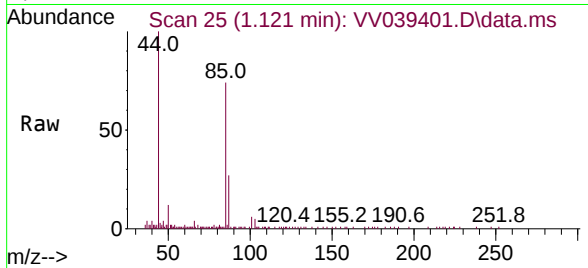
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025





#2
 Dichlorodifluoromethane
 Concen: 2.359 ug/L
 RT: 1.121 min Scan# 25
 Delta R.T. -0.000 min
 Lab File: VV039401.D
 Acq: 18 Nov 2025 11:35

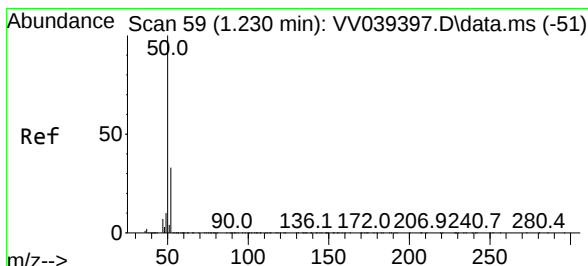
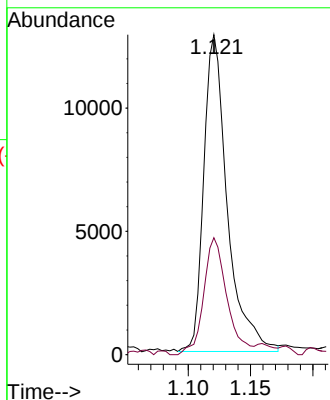
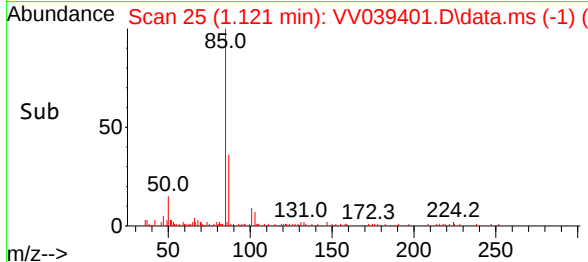
Instrument : MSVOA_V
 ClientSampleId : MDL-MED-SOIL-QT4-2025-08



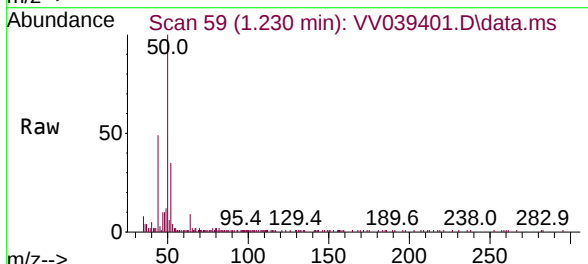
Tgt Ion: 85 Resp: 1692
 Ion Ratio Lower Upper
 85 100
 87 36.4 26.1 39.1

Manual Integrations
 APPROVED

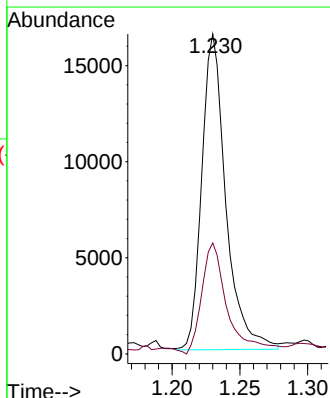
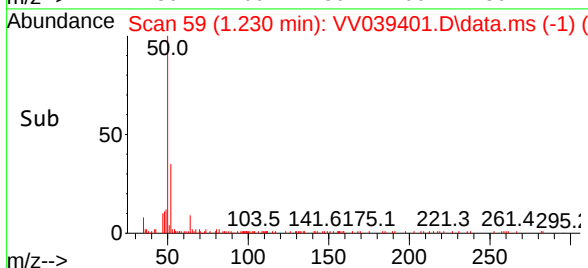
Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

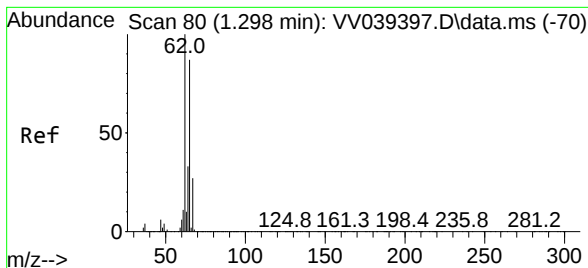


#3
 Chloromethane
 Concen: 2.580 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VV039401.D
 Acq: 18 Nov 2025 11:35



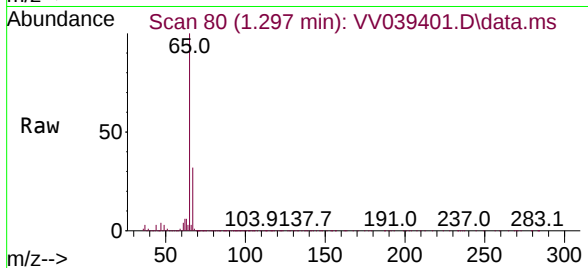
Tgt Ion: 50 Resp: 20283
 Ion Ratio Lower Upper
 50 100
 52 34.7 22.7 42.3





#5
 Vinyl chloride
 Concen: 2.781 ug/L m
 RT: 1.297 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VV039401.D
 Acq: 18 Nov 2025 11:35

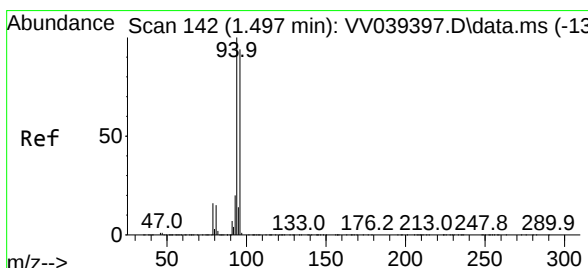
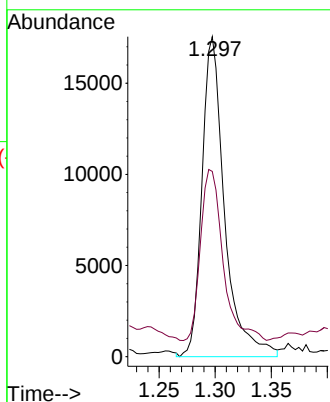
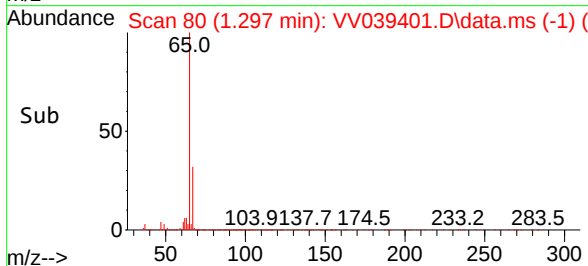
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT4-2025-08



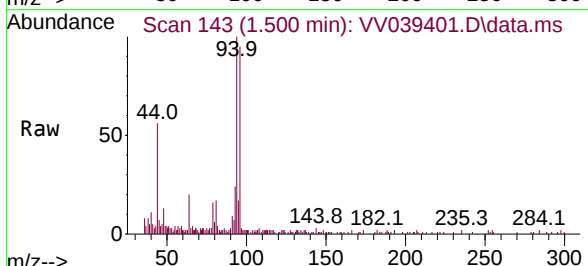
Tgt Ion: 62 Resp: 24635
 Ion Ratio Lower Upper
 62 100
 64 57.9 23.7 44.1

Manual Integrations
 APPROVED

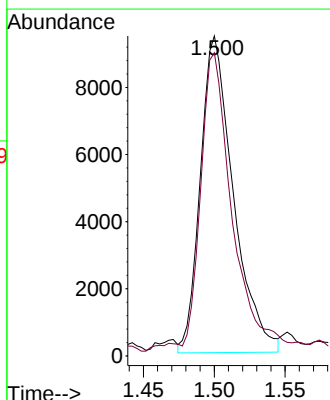
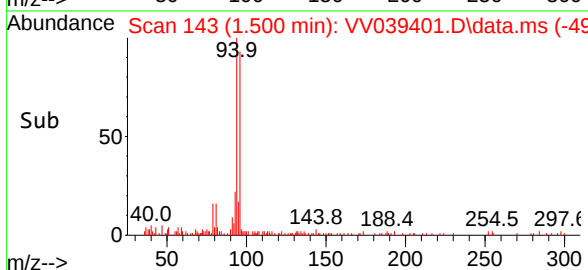
Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

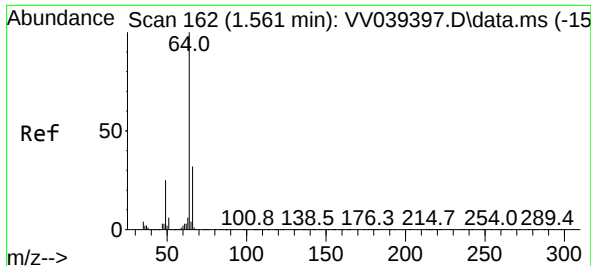


#6
 Bromomethane
 Concen: 3.100 ug/L
 RT: 1.500 min Scan# 143
 Delta R.T. 0.003 min
 Lab File: VV039401.D
 Acq: 18 Nov 2025 11:35



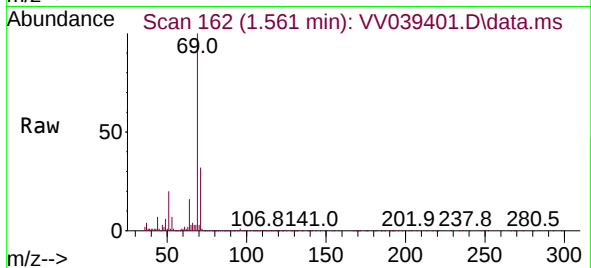
Tgt Ion: 94 Resp: 15297
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.6 123.8





#8
Chloroethane
Concen: 2.663 ug/L
RT: 1.561 min Scan# 10
Delta R.T. -0.000 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

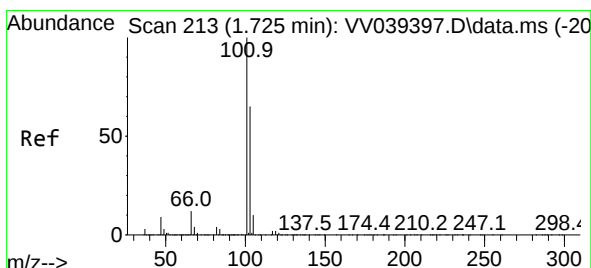
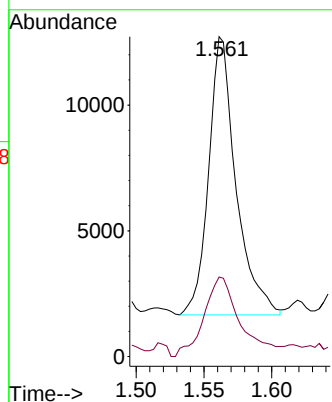
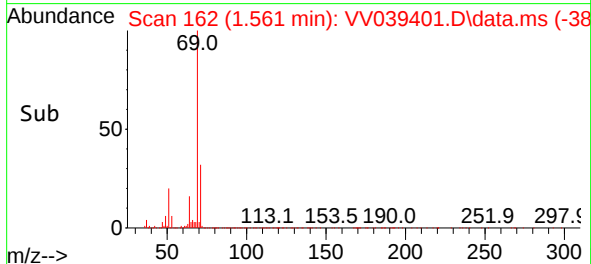
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2025-08



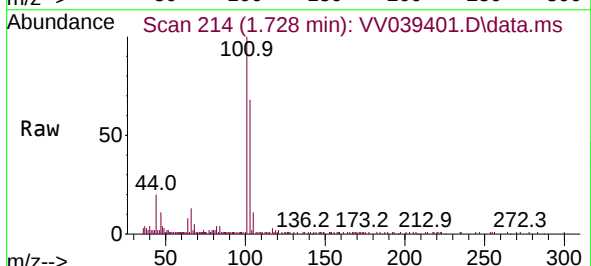
Tgt Ion: 64 Resp: 15526
Ion Ratio Lower Upper
64 100
66 24.9 21.6 40.2

Manual Integrations
APPROVED

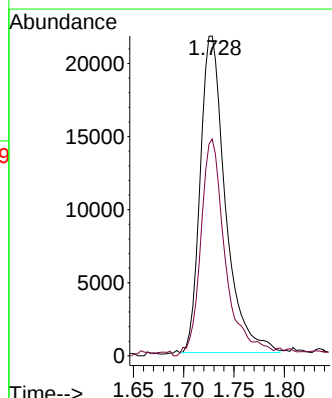
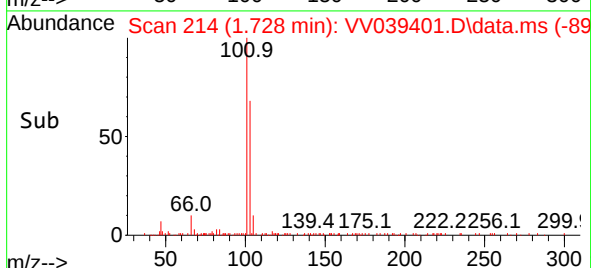
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

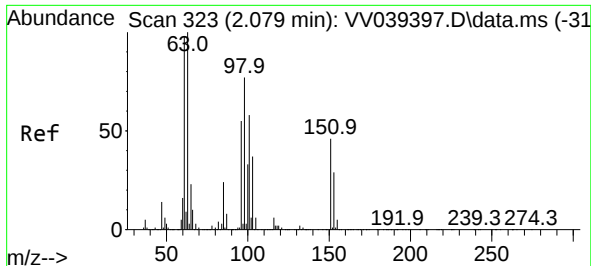


#9
Trichlorofluoromethane
Concen: 2.632 ug/L
RT: 1.728 min Scan# 214
Delta R.T. 0.003 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35



Tgt Ion:101 Resp: 37721
Ion Ratio Lower Upper
101 100
103 65.2 51.0 76.6





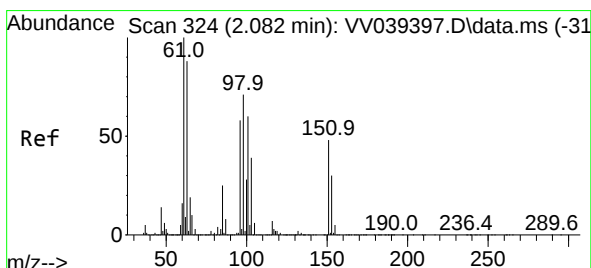
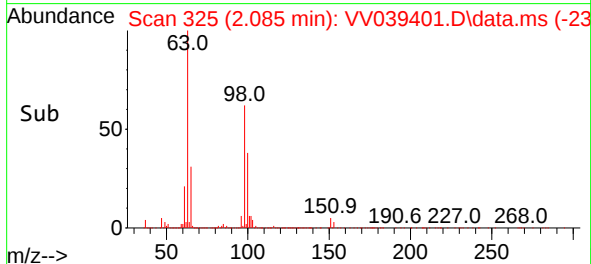
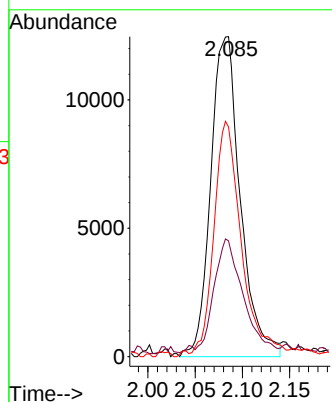
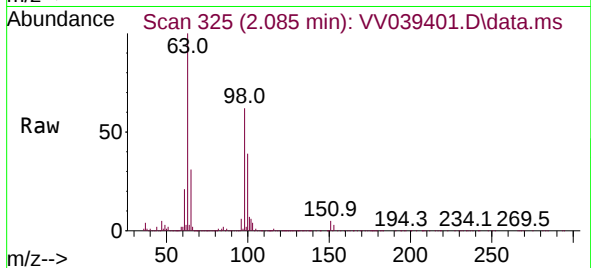
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.141 ug/L
RT: 2.085 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2025-08

Tgt Ion:101 Resp: 27349
Ion Ratio Lower Upper
101 100
85 33.4 33.7 50.5
151 63.8 63.6 95.4

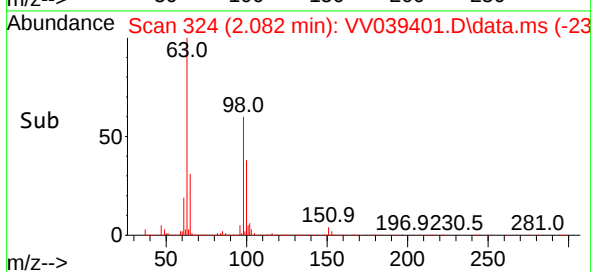
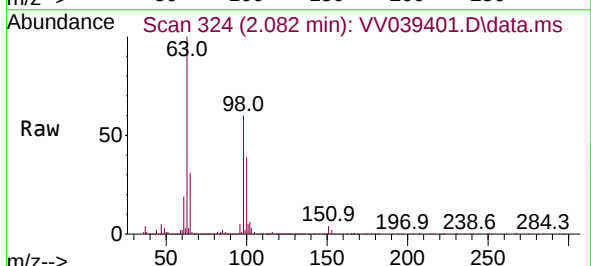
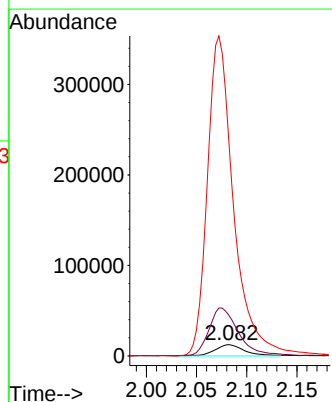
Manual Integrations
APPROVED

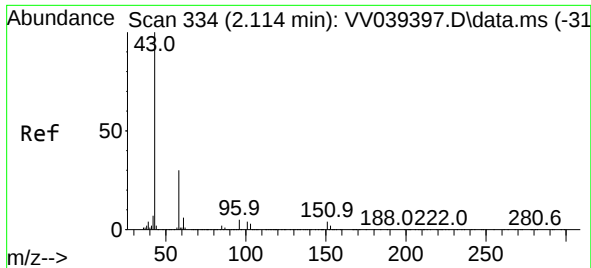
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#12
1,1-Dichloroethene
Concen: 3.380 ug/L m
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 96 Resp: 25342
Ion Ratio Lower Upper
96 100
61 362.2 124.3 230.8#
63 1922.7 121.8 226.2#





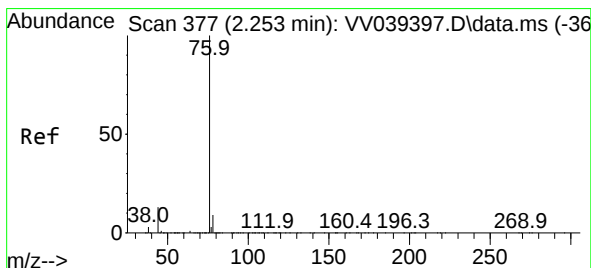
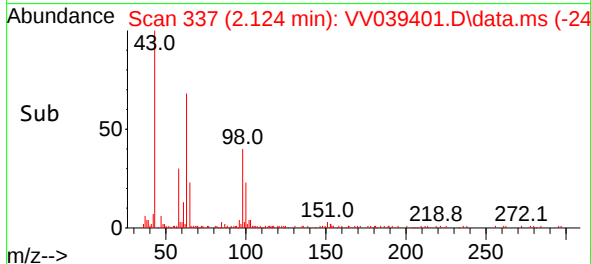
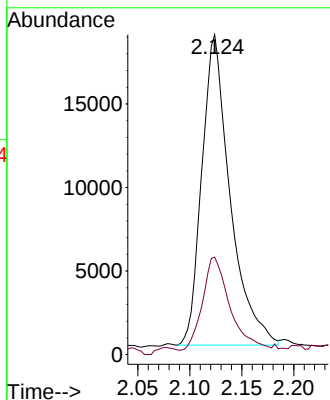
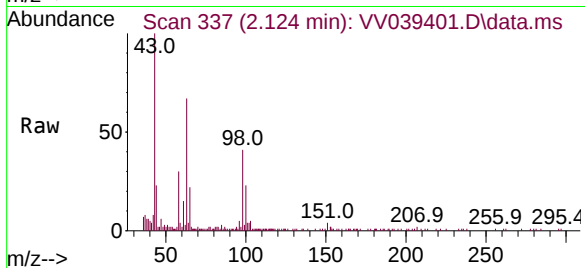
#13
Acetone
Concen: 4.944 ug/L
RT: 2.124 min Scan# 334
Delta R.T. 0.010 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2025-08

Tgt Ion: 43 Resp: 35210
Ion Ratio Lower Upper
43 100
58 30.0 0.0 63.2

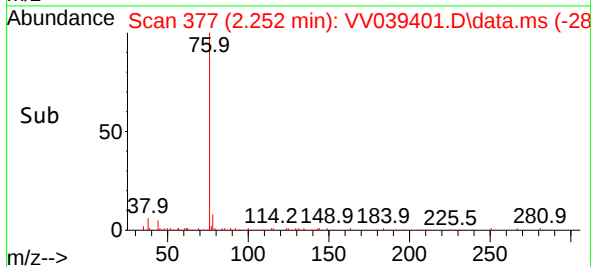
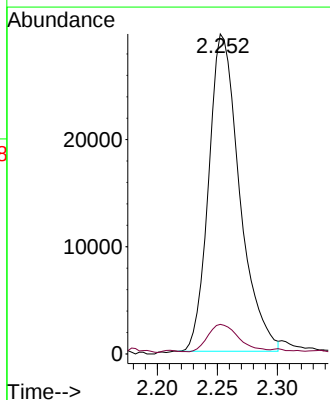
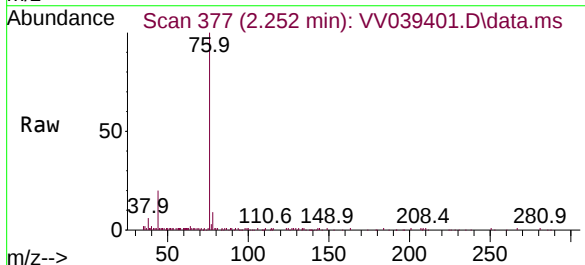
Manual Integrations
APPROVED

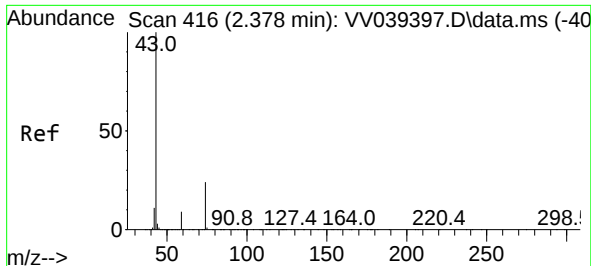
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#14
Carbon disulfide
Concen: 2.506 ug/L
RT: 2.252 min Scan# 377
Delta R.T. -0.000 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

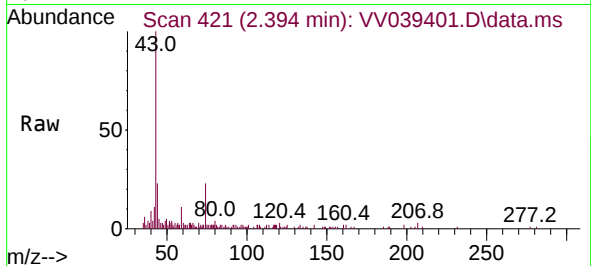
Tgt Ion: 76 Resp: 53330
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2





#15
Methyl Acetate
Concen: 2.761 ug/L m
RT: 2.394 min Scan# 41
Delta R.T. 0.016 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

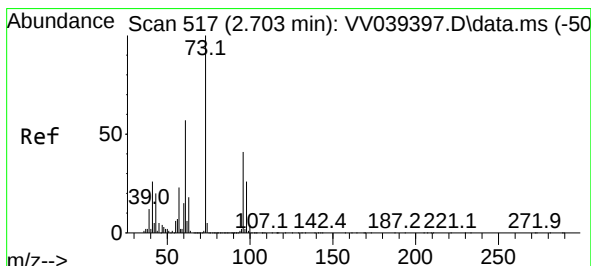
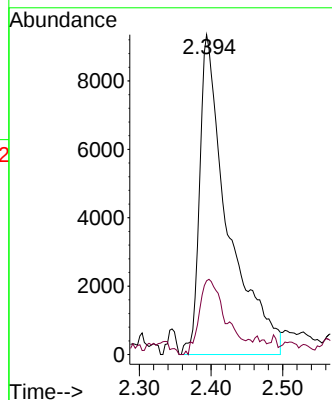
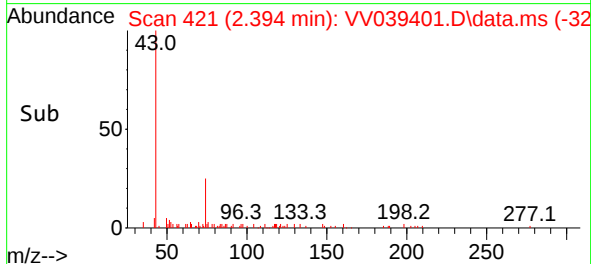
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2025-08



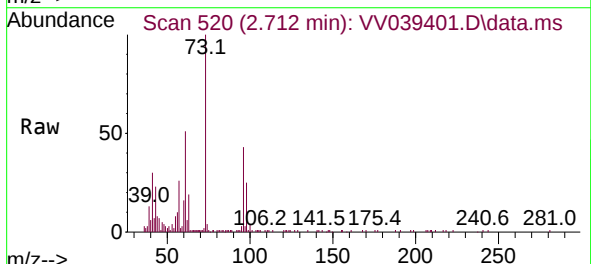
Tgt Ion: 43 Resp: 25552
Ion Ratio Lower Upper
43 100
74 17.4 18.7 28.1

Manual Integrations
APPROVED

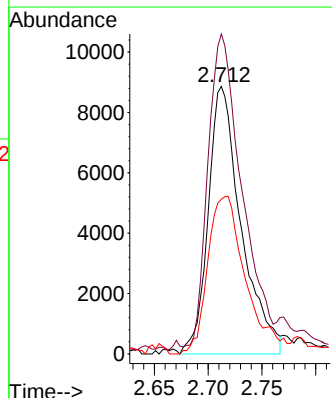
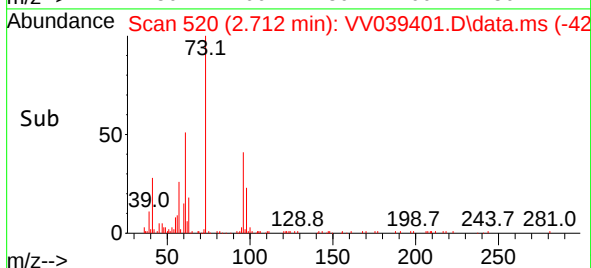
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

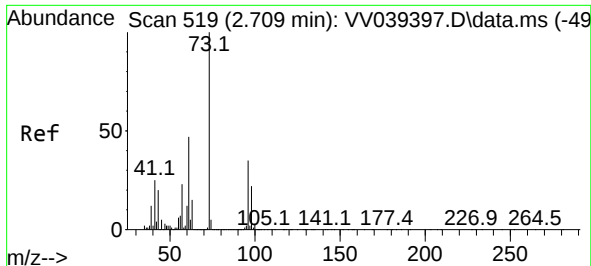


#17
trans-1,2-Dichloroethene
Concen: 2.418 ug/L
RT: 2.712 min Scan# 520
Delta R.T. 0.010 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35



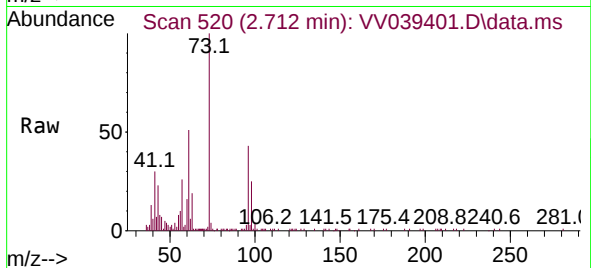
Tgt Ion: 96 Resp: 18900
Ion Ratio Lower Upper
96 100
61 119.6 96.1 178.5
98 57.8 45.0 83.6





#18
Methyl tert-butyl Ether
Concen: 2.098 ug/L
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

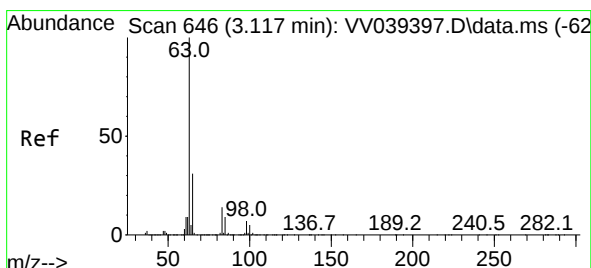
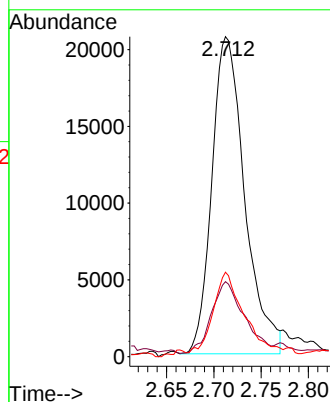
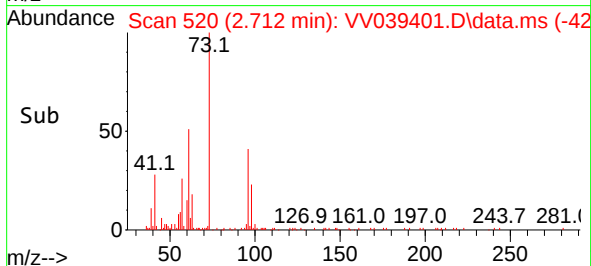
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2025-08



Tgt Ion: 73 Resp: 50074
Ion Ratio Lower Upper
73 100
43 22.2 15.4 23.2
57 22.3 17.6 26.4

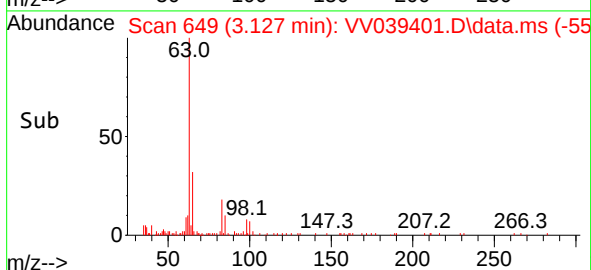
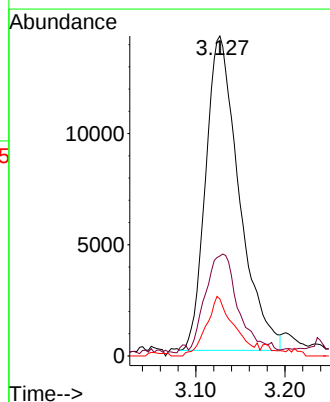
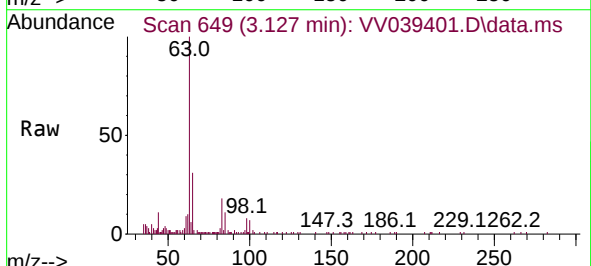
Manual Integrations
APPROVED

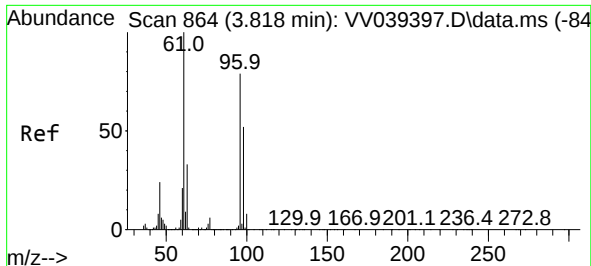
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#19
1,1-Dichloroethane
Concen: 2.375 ug/L
RT: 3.127 min Scan# 649
Delta R.T. 0.010 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 63 Resp: 36802
Ion Ratio Lower Upper
63 100
65 31.2 22.4 41.6
83 17.8 9.6 17.8





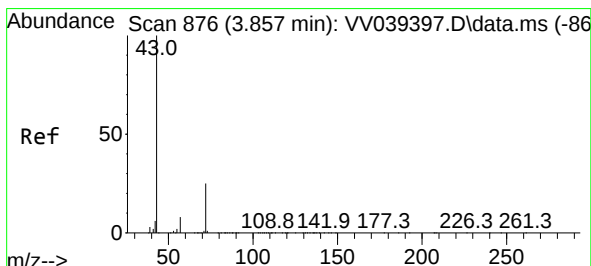
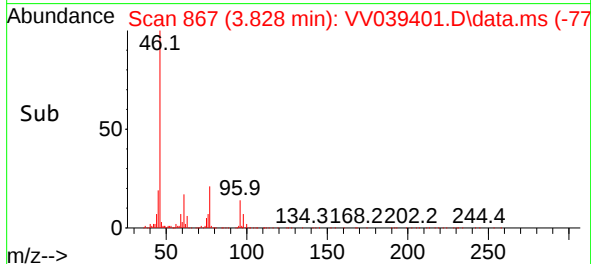
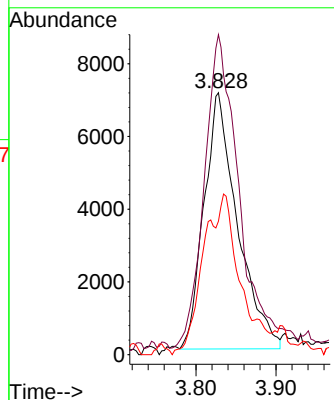
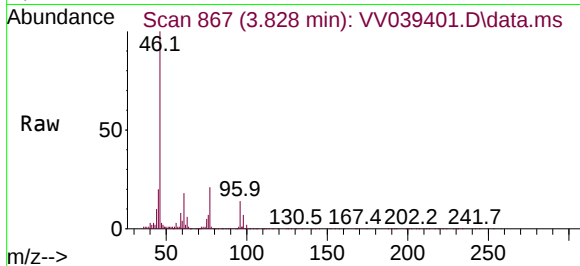
#20
cis-1,2-Dichloroethene
Concen: 2.435 ug/L
RT: 3.828 min Scan# 864
Delta R.T. 0.009 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT4-2025-08

Tgt Ion: 96 Resp: 2050
Ion Ratio Lower Upper
96 100
61 122.2 87.3 162.1
98 50.9 45.1 83.7

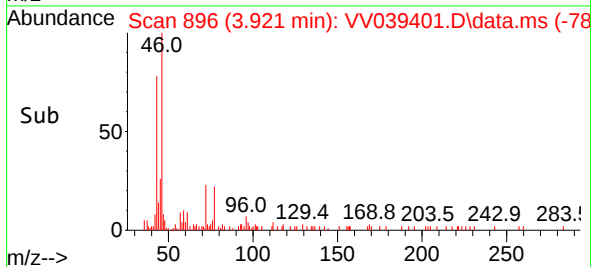
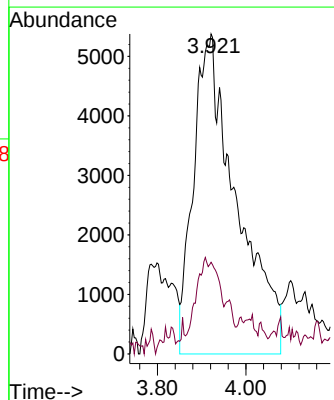
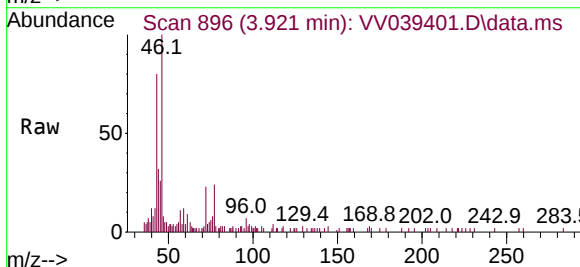
Manual Integrations
APPROVED

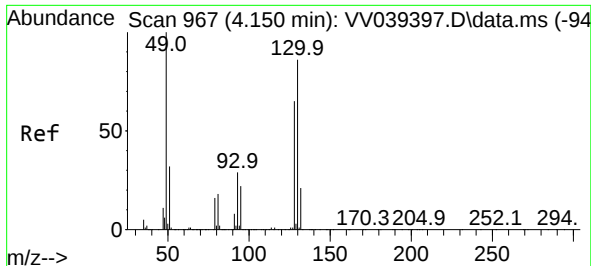
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#22
2-Butanone
Concen: 5.117 ug/L m
RT: 3.921 min Scan# 896
Delta R.T. 0.064 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

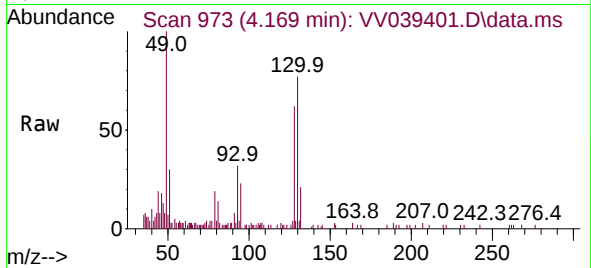
Tgt Ion: 43 Resp: 36252
Ion Ratio Lower Upper
43 100
72 3.1 13.3 39.9#





#23
Bromochloromethane
Concen: 2.507 ug/L
RT: 4.169 min Scan# 91
Delta R.T. 0.019 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

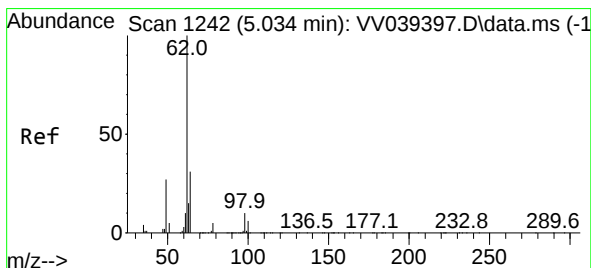
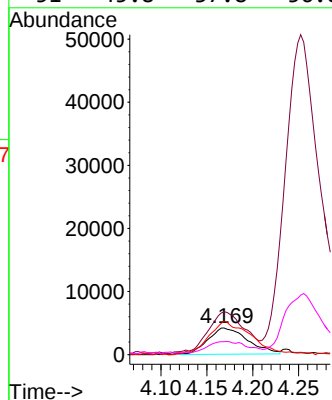
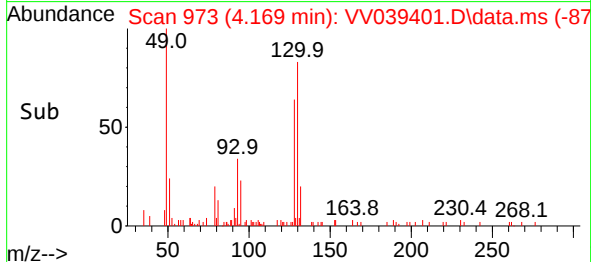
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2025-08



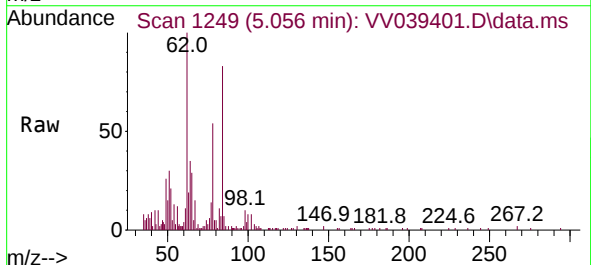
Tgt Ion:128 Resp: 12462
Ion Ratio Lower Upper
128 100
49 151.7 108.6 201.6
130 117.0 89.2 165.6
51 45.8 37.8 56.8

Manual Integrations
APPROVED

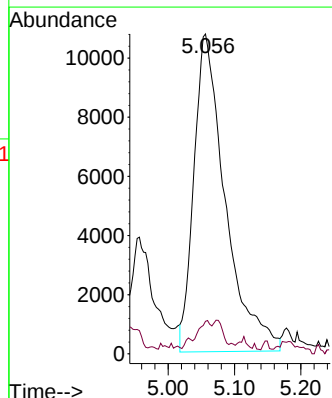
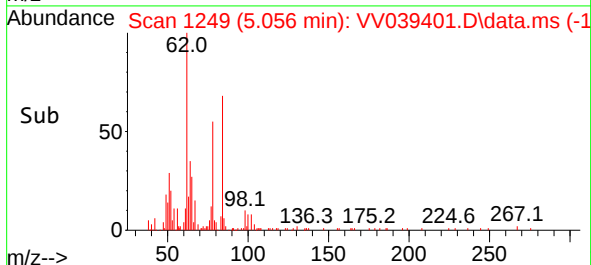
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

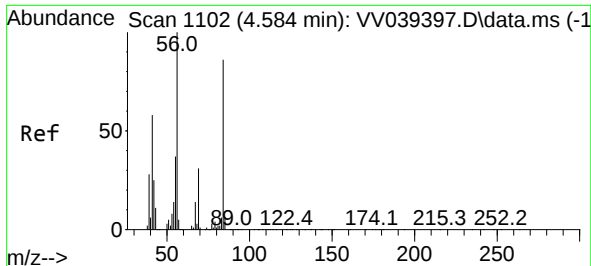


#27
1,2-Dichloroethane
Concen: 2.833 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. 0.022 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35



Tgt Ion: 62 Resp: 35322
Ion Ratio Lower Upper
62 100
98 10.2 7.7 11.5





#29

Cyclohexane

Concen: 1.993 ug/L

RT: 4.587 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV039401.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT4-2025-08

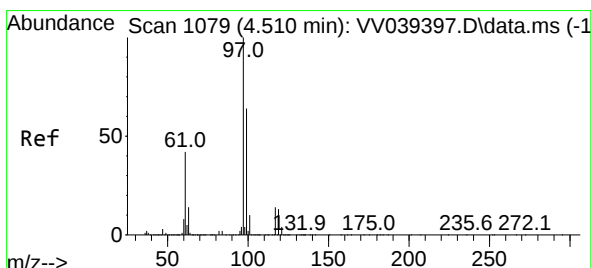
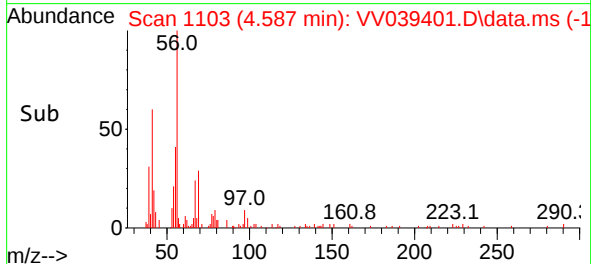
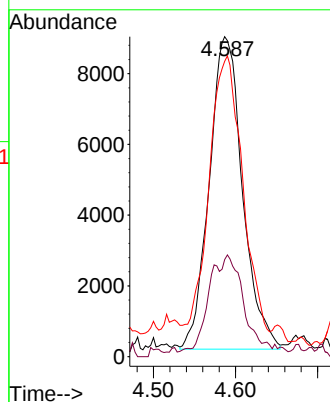
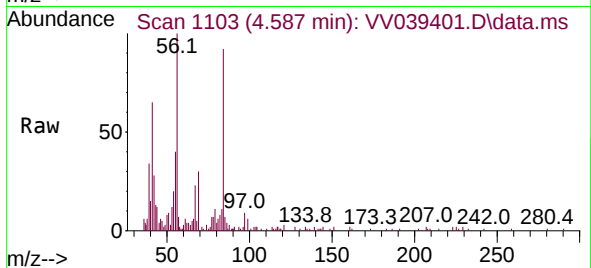
Tgt Ion: 56	Resp: 2489
Ion Ratio	Lower Upper
56	100
69	10.6 24.1 36.1
84	86.4 70.7 106.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#30

1,1,1-Trichloroethane

Concen: 2.375 ug/L

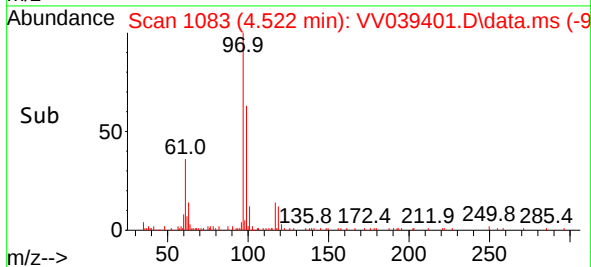
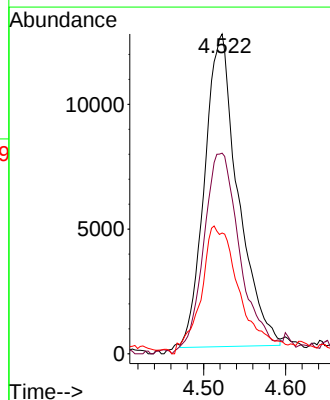
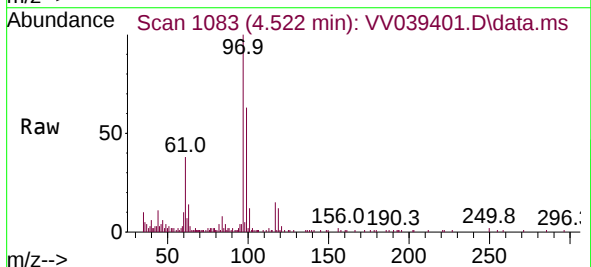
RT: 4.522 min Scan# 1083

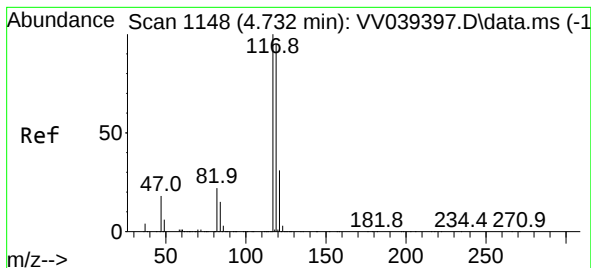
Delta R.T. 0.013 min

Lab File: VV039401.D

Acq: 18 Nov 2025 11:35

Tgt Ion: 97	Resp: 35453
Ion Ratio	Lower Upper
97	100
99	70.4 51.6 77.4
61	19.3 34.5 51.7





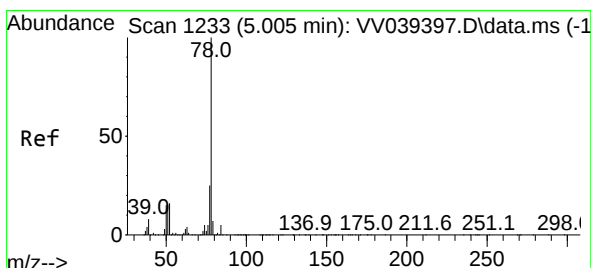
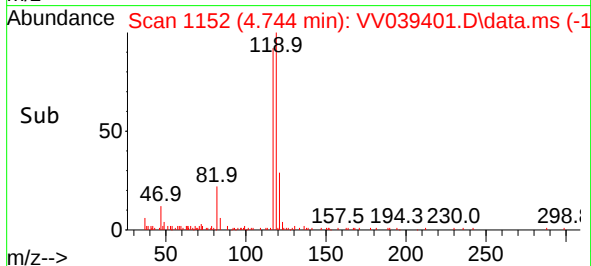
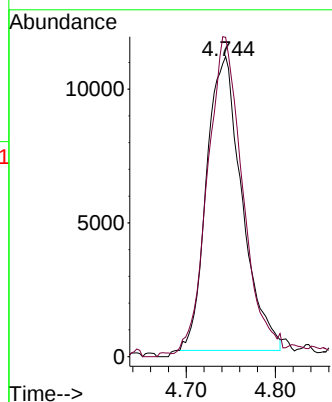
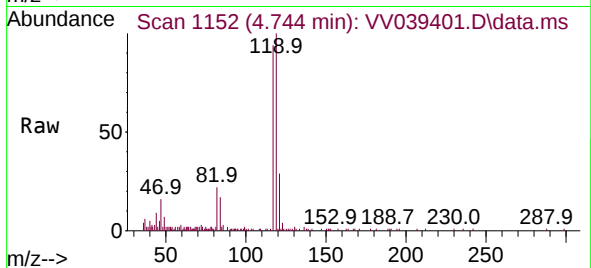
#31
Carbon tetrachloride
Concen: 2.211 ug/L
RT: 4.744 min Scan# 1148
Delta R.T. 0.013 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT4-2025-08

Tgt Ion:117 Resp: 30392
Ion Ratio Lower Upper
117 100
119 106.3 76.7 115.1

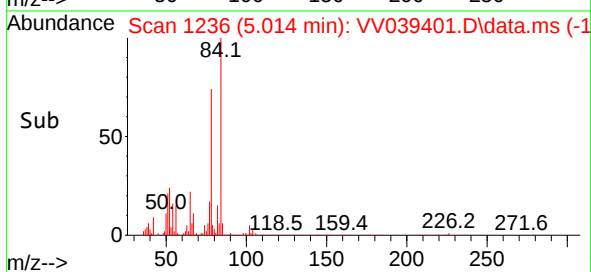
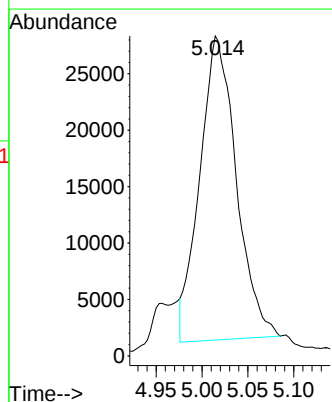
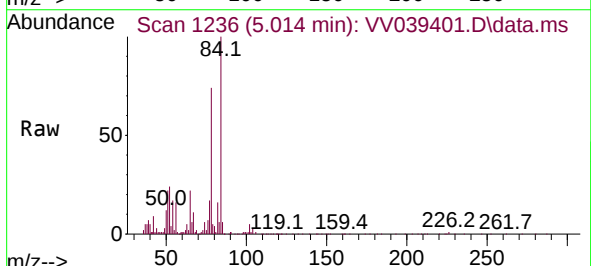
Manual Integrations
APPROVED

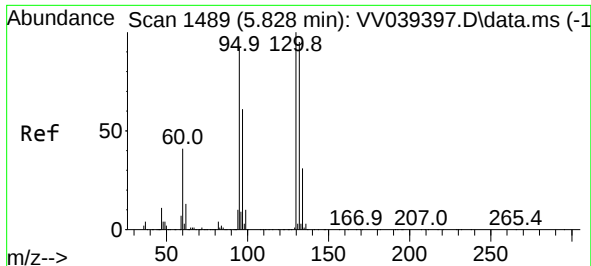
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#33
Benzene
Concen: 2.264 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.010 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 78 Resp: 74622





#34

Trichloroethene

Concen: 2.402 ug/L

RT: 5.847 min Scan# 1489

Delta R.T. 0.019 min

Lab File: VV039401.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT4-2025-08

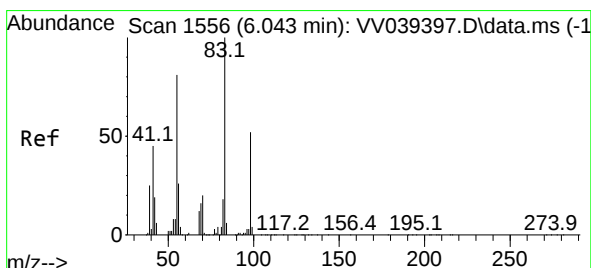
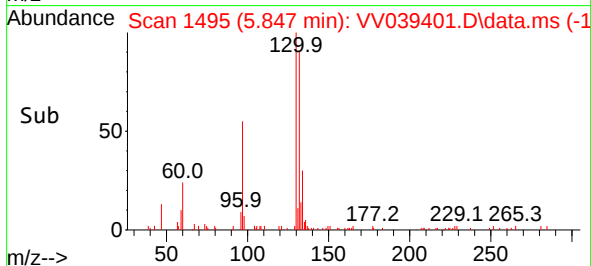
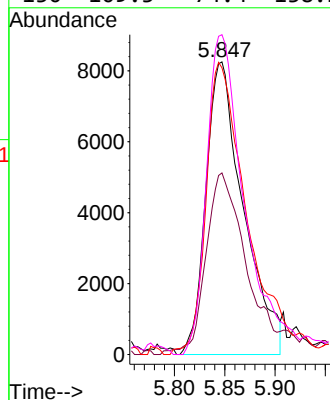
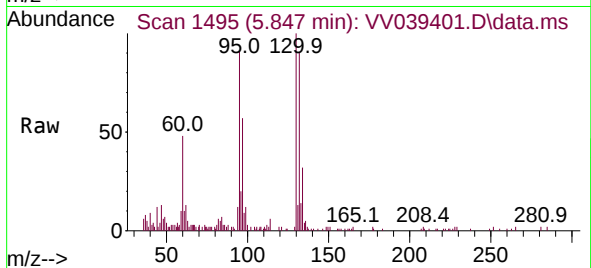
Tgt Ion:	95	Resp:	2138
Ion	Ratio	Lower	Upper
95	100		
97	62.1	44.4	82.5
132	98.0	71.9	133.5
130	109.3	74.4	138.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#35

Methylcyclohexane

Concen: 2.640 ug/L m

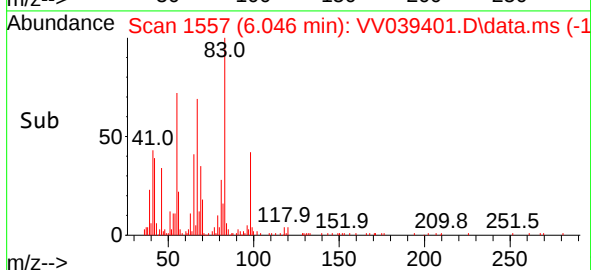
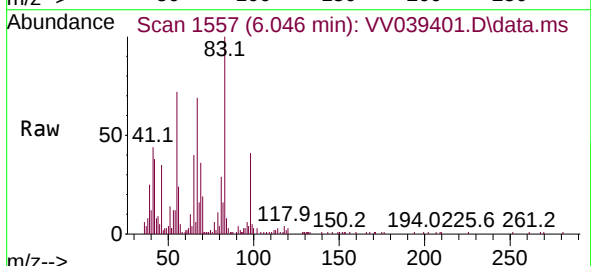
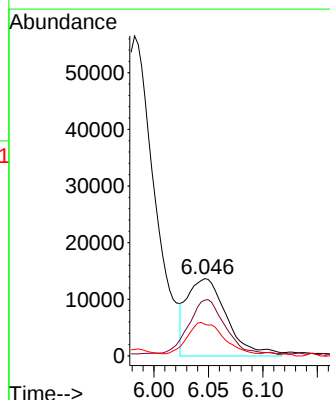
RT: 6.046 min Scan# 1557

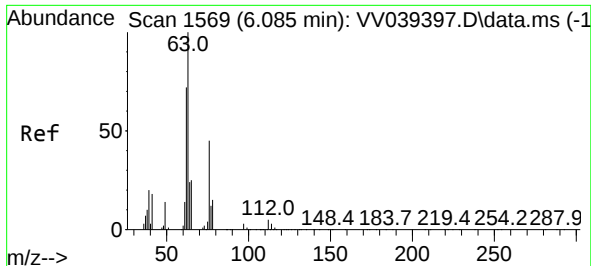
Delta R.T. 0.003 min

Lab File: VV039401.D

Acq: 18 Nov 2025 11:35

Tgt Ion:	83	Resp:	34538
Ion	Ratio	Lower	Upper
83	100		
55	67.3	62.5	93.7
98	40.5	39.2	58.8





#37

1,2-Dichloropropane

Concen: 2.250 ug/L

RT: 6.098 min Scan# 1573

Delta R.T. 0.013 min

Lab File: VV039401.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT4-2025-08

Tgt Ion: 63 Resp: 2097

Ion Ratio Lower Upper

63 100

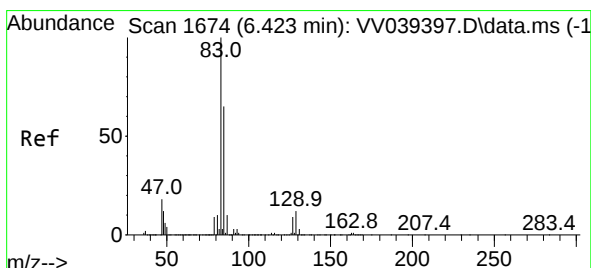
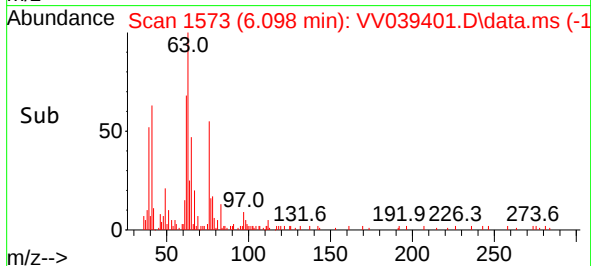
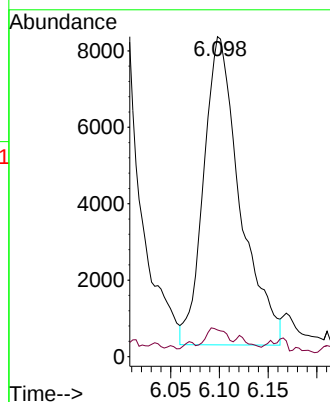
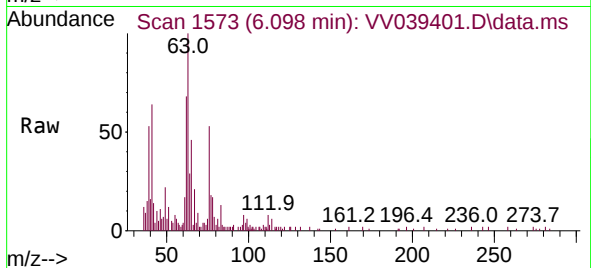
112 4.3 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#38

Bromodichloromethane

Concen: 2.315 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.016 min

Lab File: VV039401.D

Acq: 18 Nov 2025 11:35

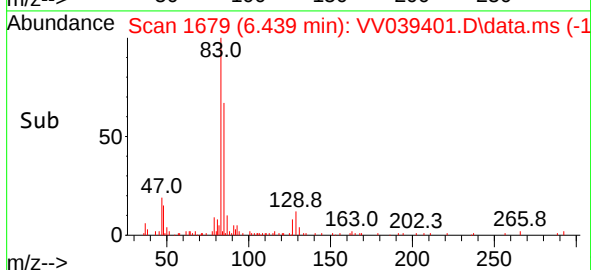
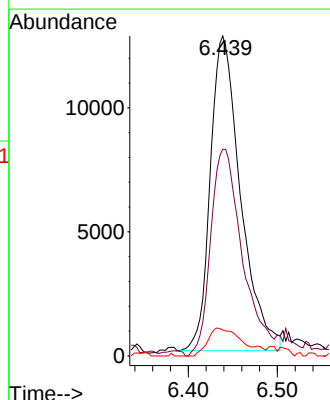
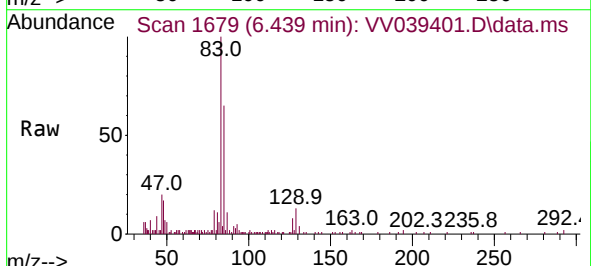
Tgt Ion: 83 Resp: 29993

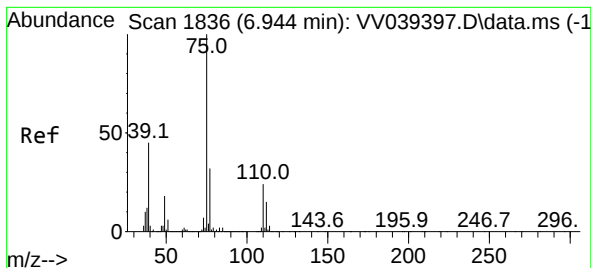
Ion Ratio Lower Upper

83 100

85 64.6 44.9 83.5

127 8.1 7.4 11.0





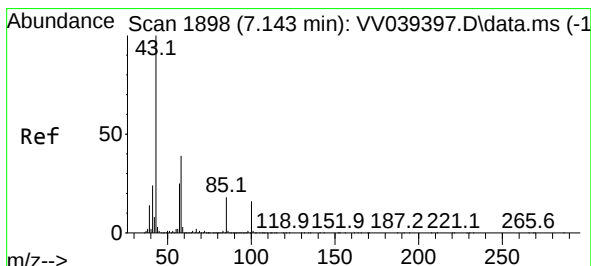
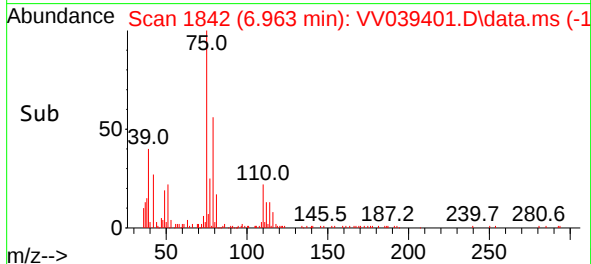
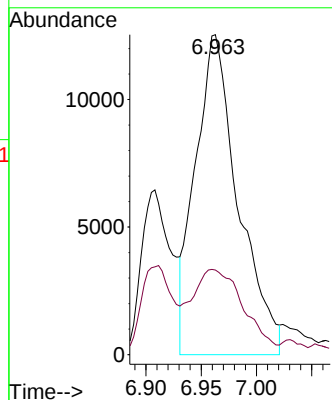
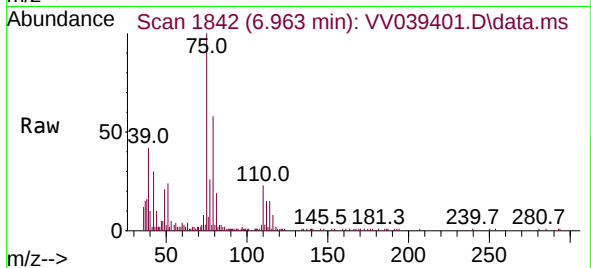
#39
cis-1,3-Dichloropropene
Concen: 2.357 ug/L m
RT: 6.963 min Scan# 1836
Delta R.T. 0.019 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT4-2025-08

Tgt Ion: 75 Resp: 33829
Ion Ratio Lower Upper
75 100
77 26.4 22.3 41.5

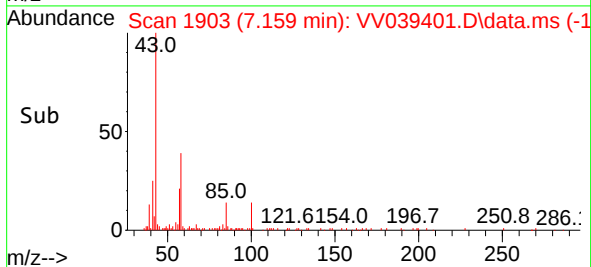
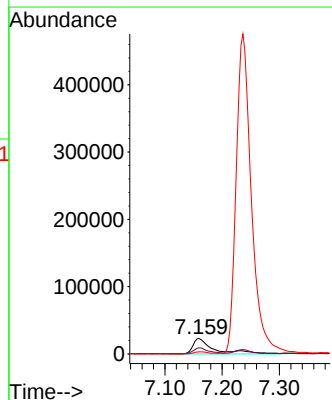
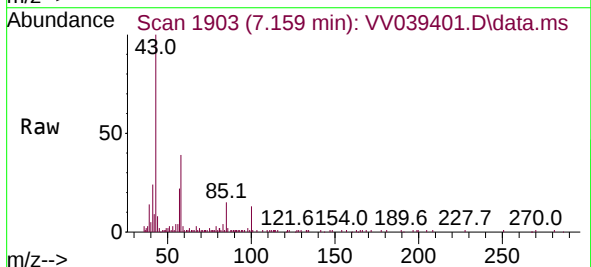
Manual Integrations
APPROVED

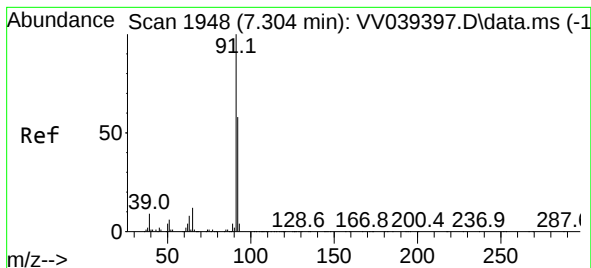
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#40
4-Methyl-2-pentanone
Concen: 4.941 ug/L m
RT: 7.159 min Scan# 1903
Delta R.T. 0.016 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 43 Resp: 57898
Ion Ratio Lower Upper
43 100
58 28.1 30.8 46.2#
100 10.0 12.5 18.7#





#42

Toluene

Concen: 2.419 ug/L

RT: 7.316 min Scan# 1948

Delta R.T. 0.013 min

Lab File: VV039401.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT4-2025-08

Tgt Ion: 91 Resp: 84483

Ion Ratio Lower Upper

91 100

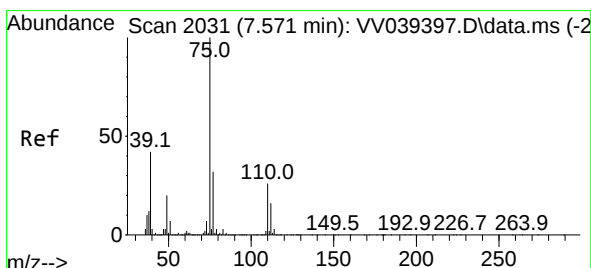
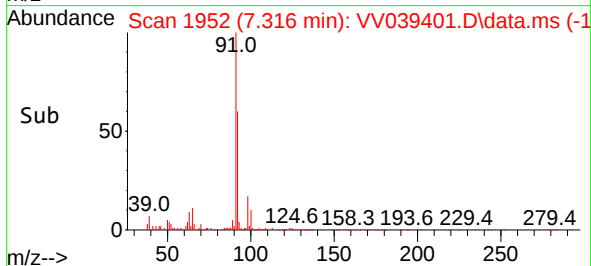
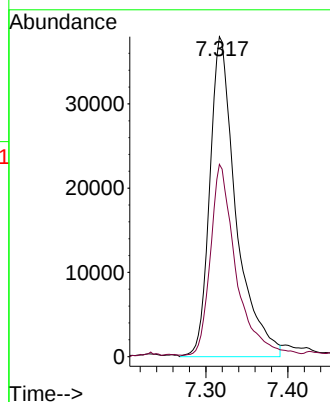
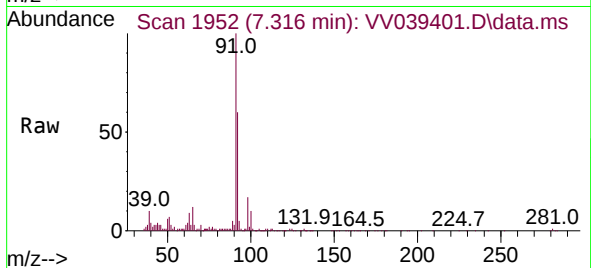
92 60.1 40.4 75.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#44

trans-1,3-Dichloropropene

Concen: 2.077 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.013 min

Lab File: VV039401.D

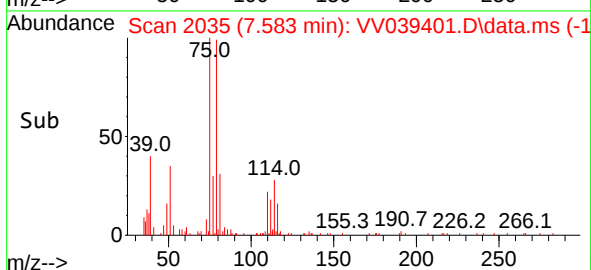
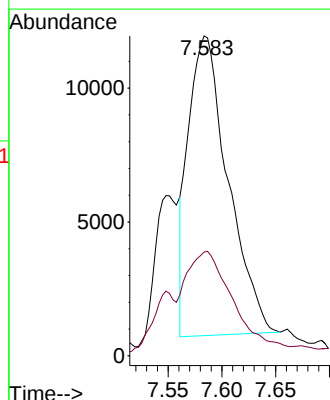
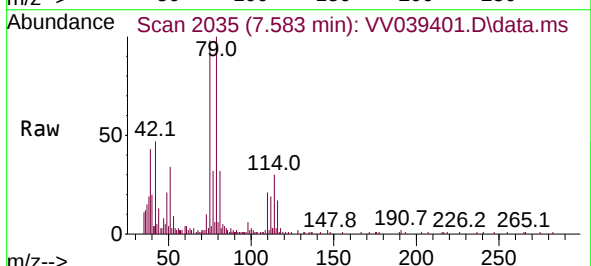
Acq: 18 Nov 2025 11:35

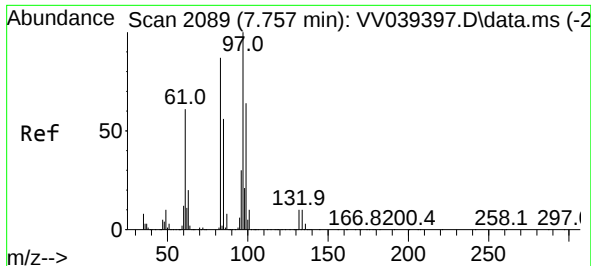
Tgt Ion: 75 Resp: 28729

Ion Ratio Lower Upper

75 100

77 32.4 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 2.346 ug/L

RT: 7.770 min Scan# 2089

Delta R.T. 0.013 min

Lab File: VV039401.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT4-2025-08

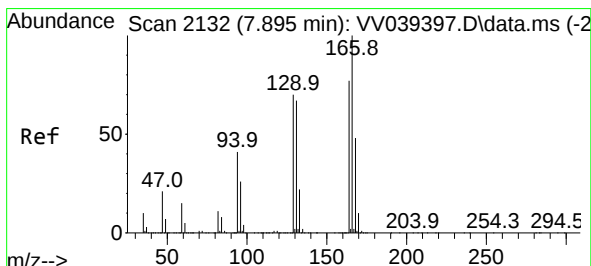
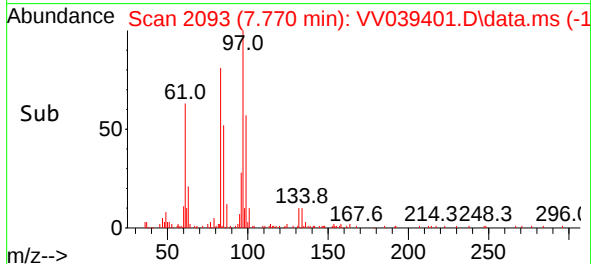
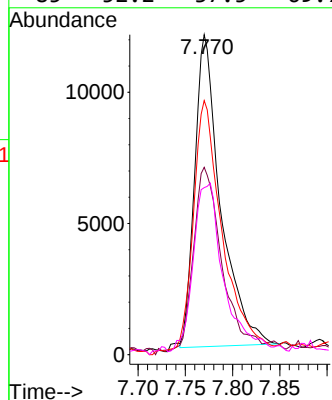
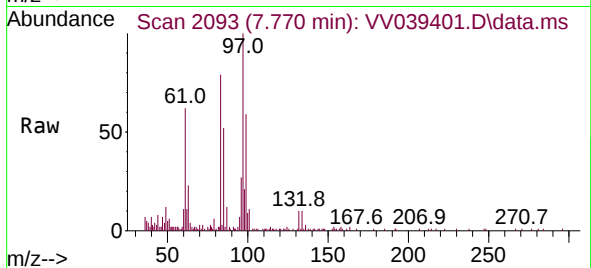
Tgt Ion: 97	Resp: 2274
Ion Ratio	Lower Upper
97 100	
99 58.5	43.7 81.1
83 79.4	59.1 109.9
85 52.2	37.5 69.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#46

Tetrachloroethene

Concen: 2.531 ug/L

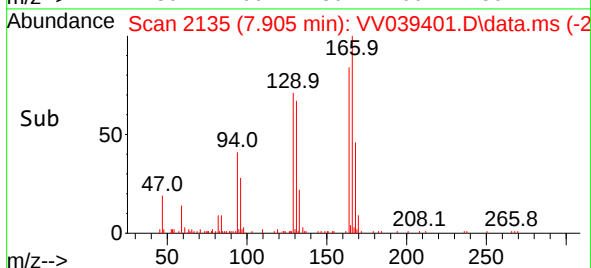
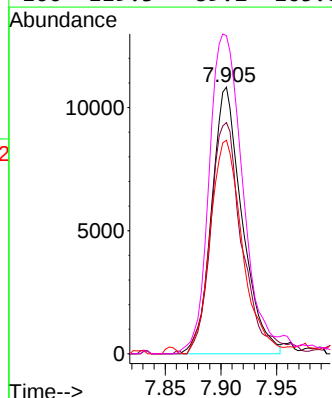
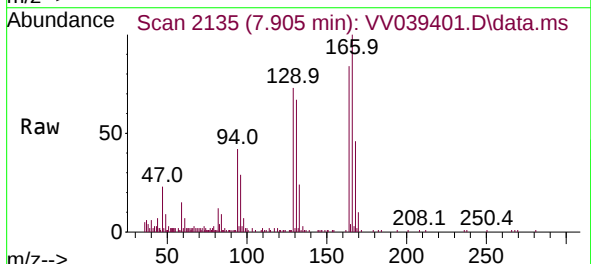
RT: 7.905 min Scan# 2135

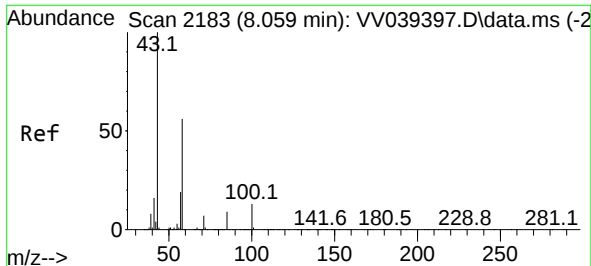
Delta R.T. 0.009 min

Lab File: VV039401.D

Acq: 18 Nov 2025 11:35

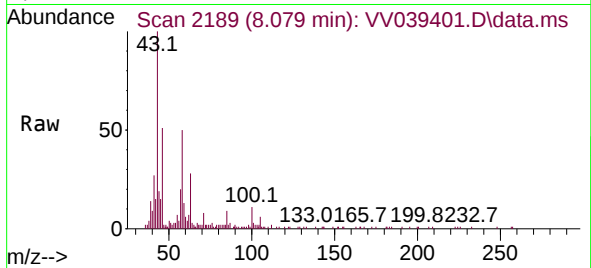
Tgt Ion:164	Resp: 20697
Ion Ratio	Lower Upper
164 100	
129 86.7	62.0 115.2
131 80.1	59.1 109.7
166 119.3	89.2 165.8





#48
2-Hexanone
Concen: 5.395 ug/L m
RT: 8.079 min Scan# 2183
Delta R.T. 0.019 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

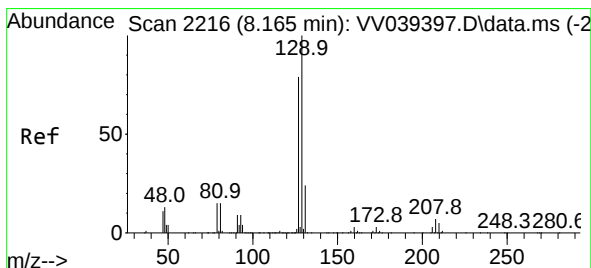
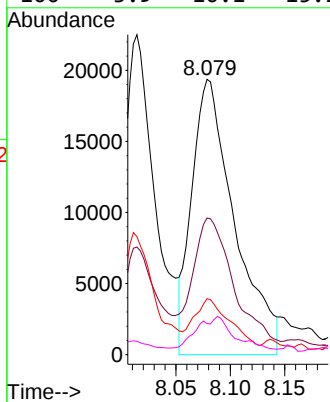
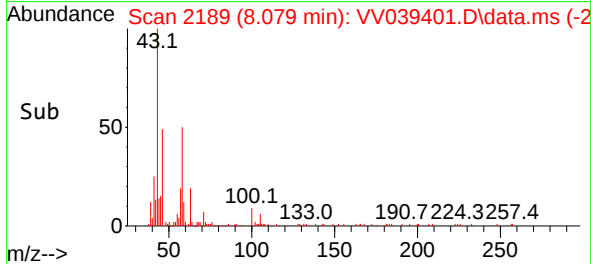
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2025-08



Tgt Ion: 43 Resp: 52810
Ion Ratio Lower Upper
43 100
58 41.7 45.0 67.4
57 16.0 15.0 22.6
100 3.9 10.1 15.1#

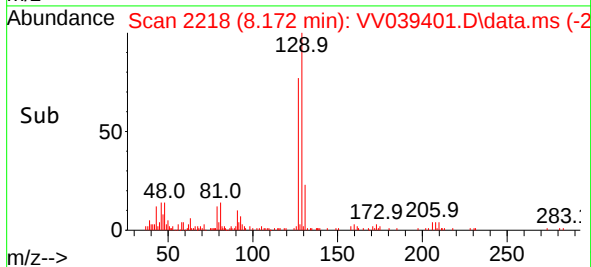
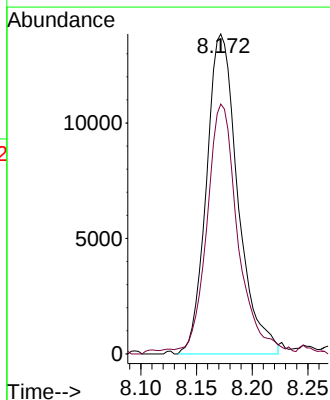
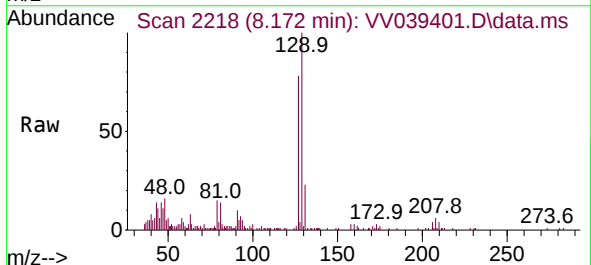
Manual Integrations
APPROVED

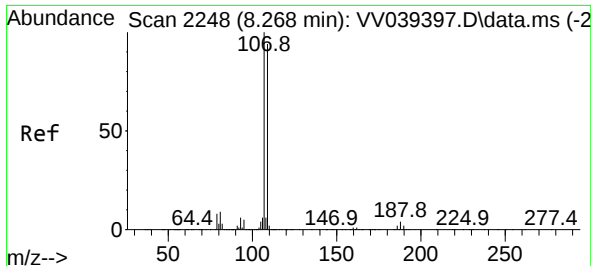
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#49
Dibromochloromethane
Concen: 2.460 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.006 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

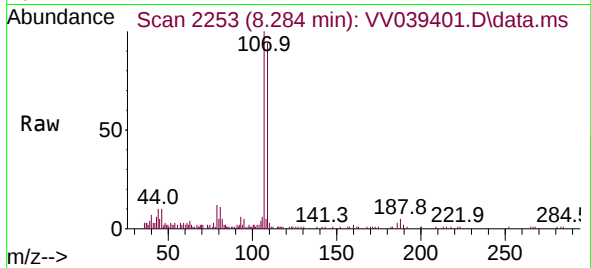
Tgt Ion:129 Resp: 27237
Ion Ratio Lower Upper
129 100
127 78.1 54.8 101.8





#50
1,2-Dibromoethane
Concen: 2.433 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

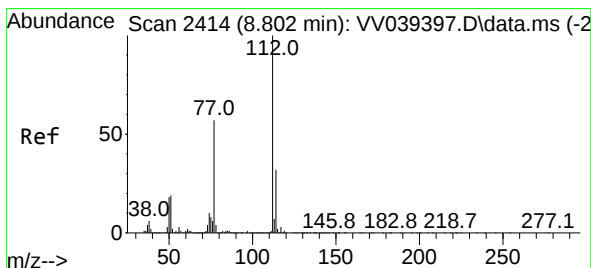
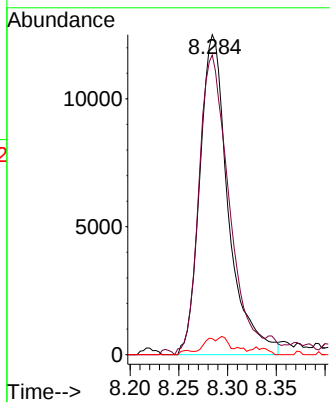
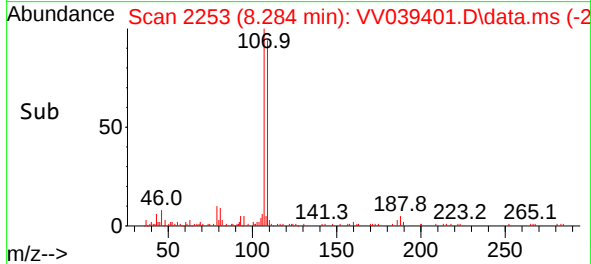
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2025-08



Tgt Ion:107 Resp: 25408
Ion Ratio Lower Upper
107 100
109 93.6 65.0 120.8
188 5.0 3.2 4.8

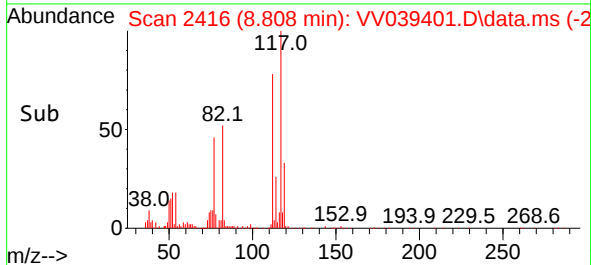
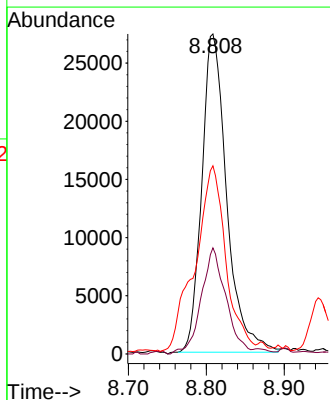
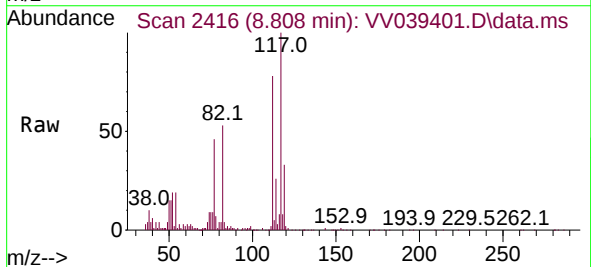
Manual Integrations
APPROVED

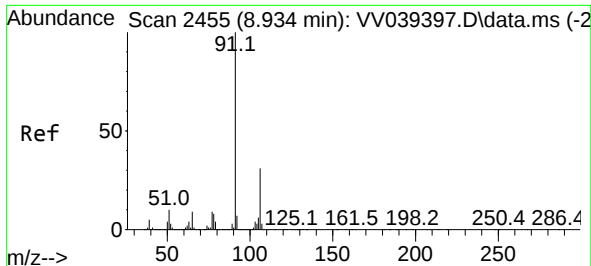
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#51
Chlorobenzene
Concen: 2.427 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.006 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Tgt Ion:112 Resp: 60752
Ion Ratio Lower Upper
112 100
114 33.1 22.4 41.6
77 58.8 45.1 67.7





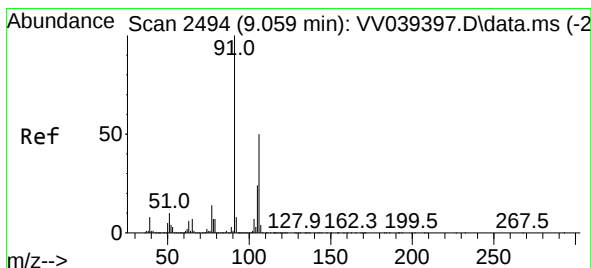
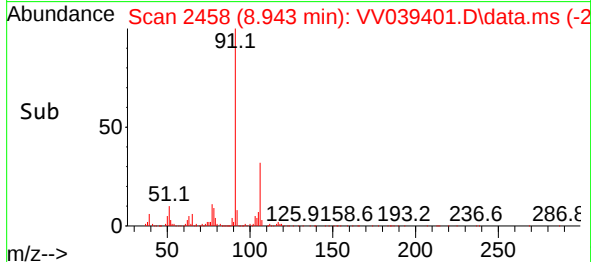
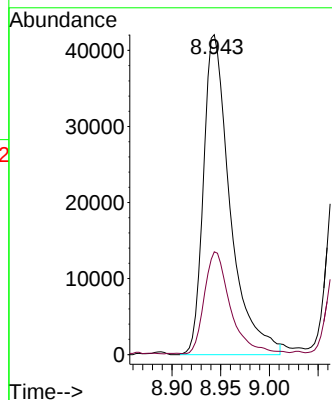
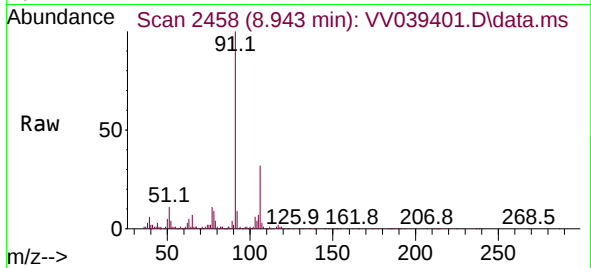
#52
Ethylbenzene
Concen: 2.111 ug/L
RT: 8.943 min Scan# 2455
Delta R.T. 0.009 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT4-2025-08

Tgt Ion: 91 Resp: 80126
Ion Ratio Lower Upper
91 100
106 32.1 21.8 40.4

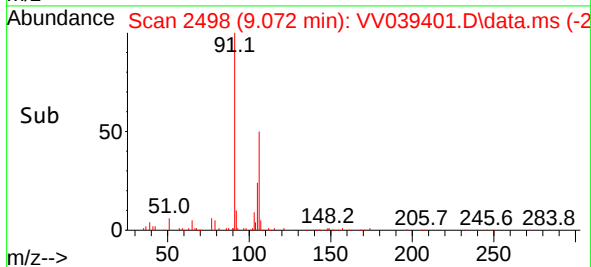
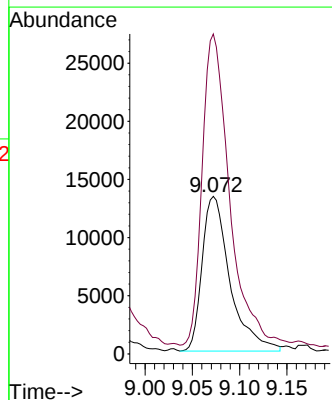
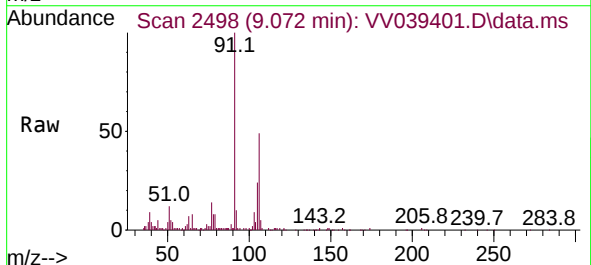
Manual Integrations
APPROVED

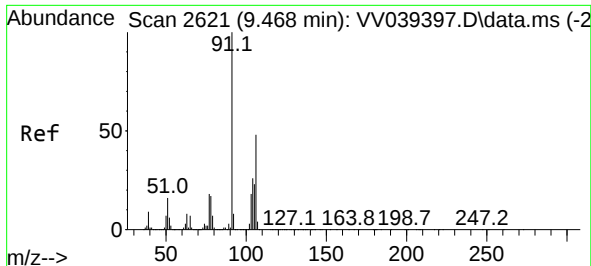
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#53
m,p-Xylene
Concen: 1.887 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.013 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Tgt Ion:106 Resp: 27417
Ion Ratio Lower Upper
106 100
91 203.1 141.1 262.1





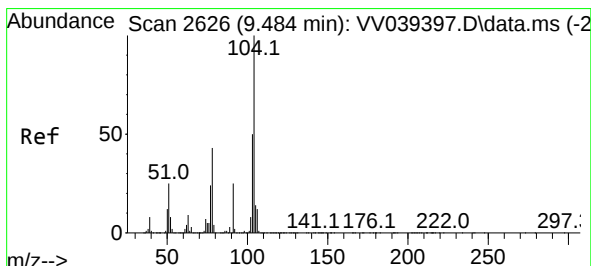
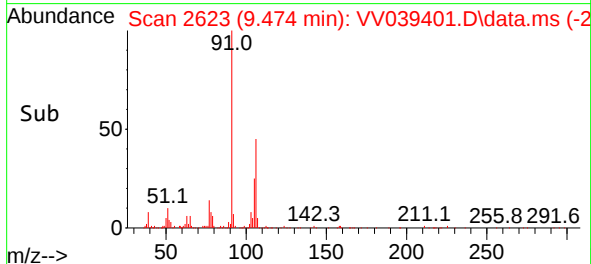
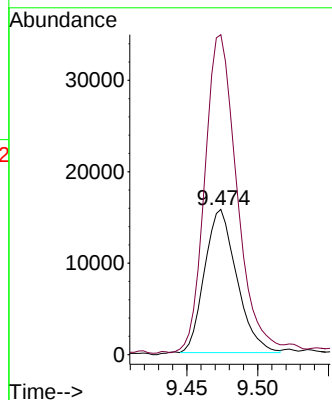
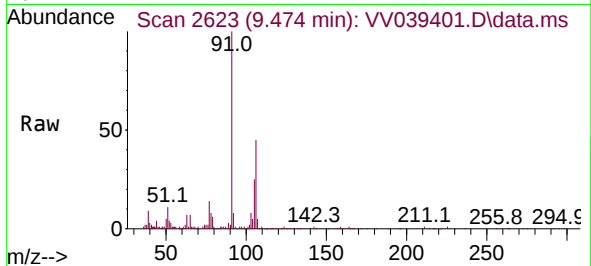
#54
o-Xylene
Concen: 1.781 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.006 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2025-08

Tgt Ion:106 Resp: 24728
Ion Ratio Lower Upper
106 100
91 220.5 149.0 276.6

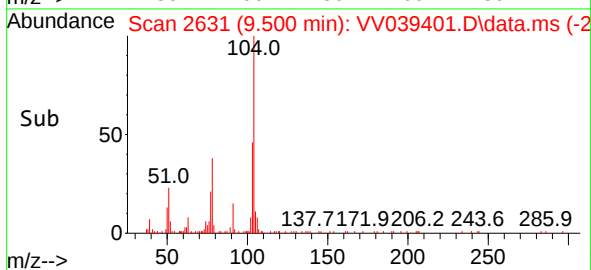
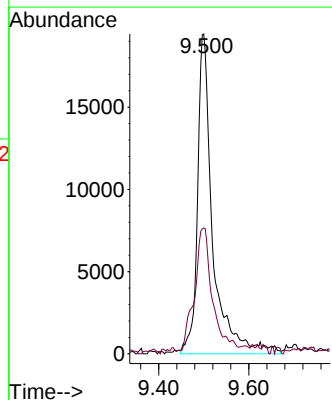
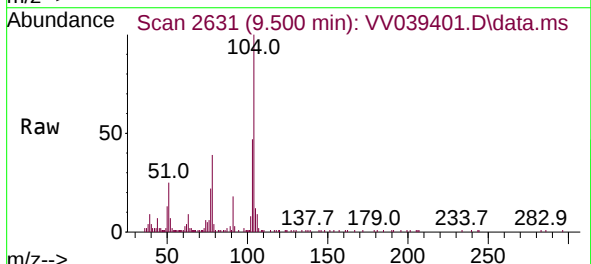
Manual Integrations
APPROVED

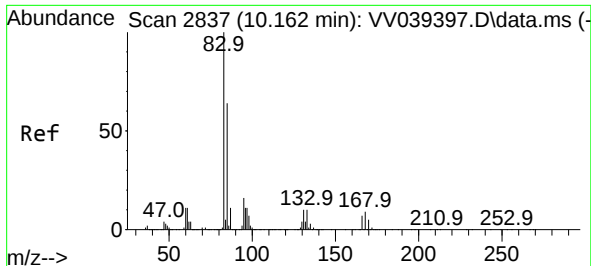
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#55
Styrene
Concen: 1.863 ug/L m
RT: 9.500 min Scan# 2631
Delta R.T. 0.016 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Tgt Ion:104 Resp: 45489
Ion Ratio Lower Upper
104 100
78 39.3 30.5 56.7





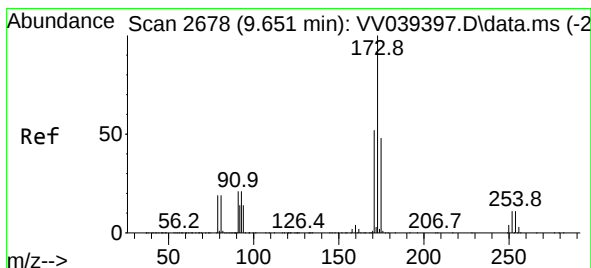
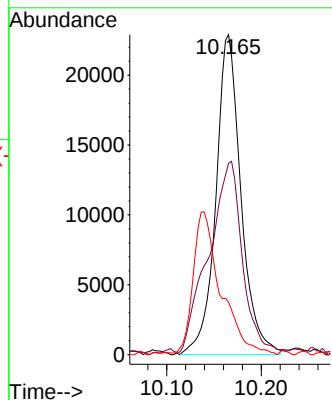
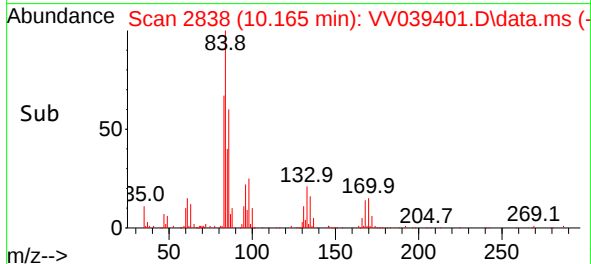
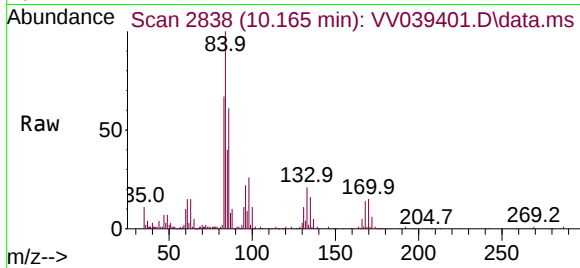
#57
1,1,2,2-Tetrachloroethane
Concen: 2.722 ug/L
RT: 10.165 min Scan# 2837
Delta R.T. 0.003 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT4-2025-08

Tgt Ion: 83 Resp: 42400
Ion Ratio Lower Upper
83 100
85 59.8 46.1 85.5
131 16.4 8.3 12.5

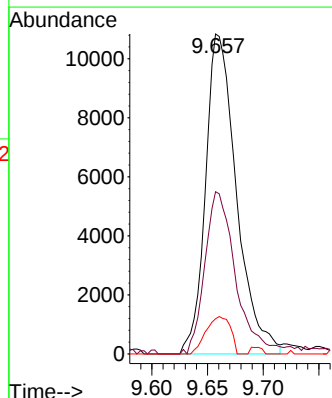
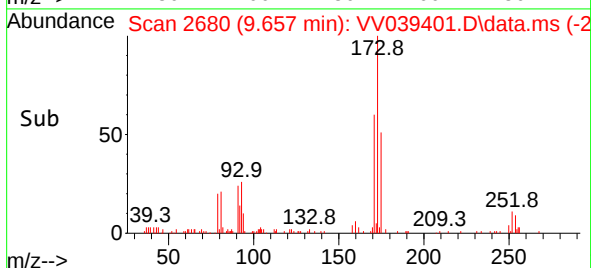
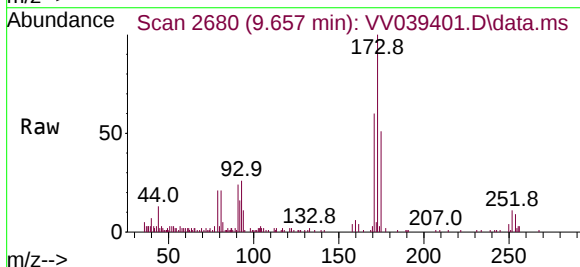
Manual Integrations
APPROVED

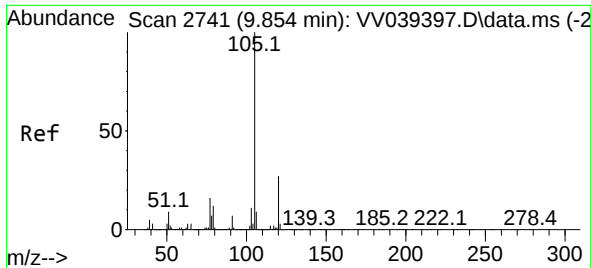
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#59
Bromoform
Concen: 2.686 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.006 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

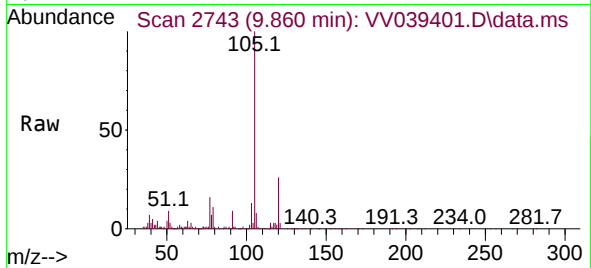
Tgt Ion:173 Resp: 20976
Ion Ratio Lower Upper
173 100
175 49.2 38.5 57.7
254 9.2 8.4 12.6





#60
Isopropylbenzene
Concen: 2.184 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

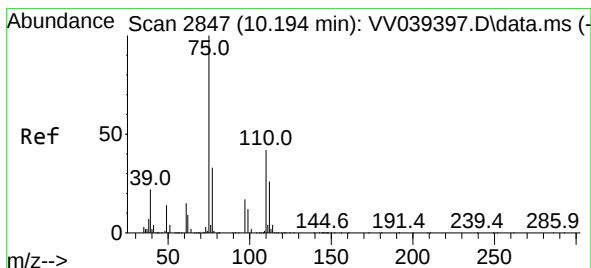
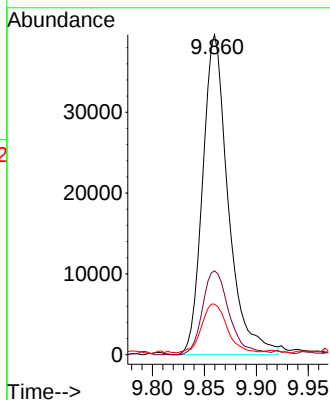
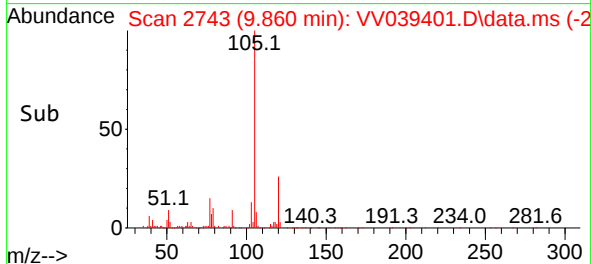
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT4-2025-08



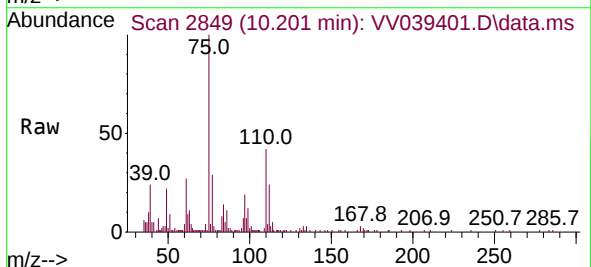
Tgt Ion:105 Resp: 67829
Ion Ratio Lower Upper
105 100
120 27.4 21.4 32.0
77 15.1 12.3 18.5

Manual Integrations
APPROVED

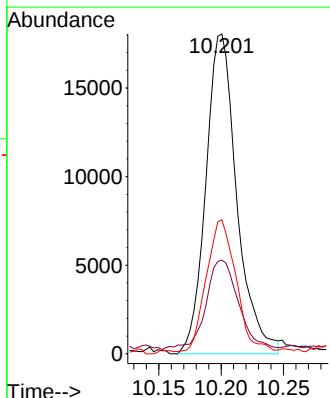
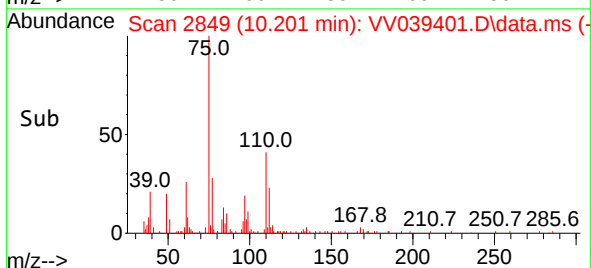
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

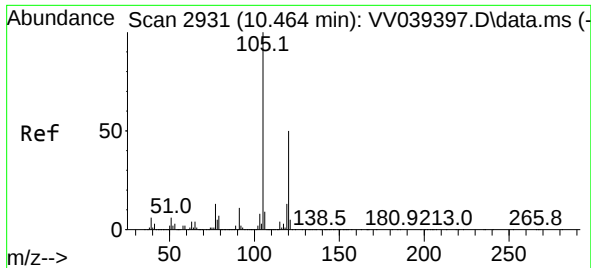


#61
1,2,3-Trichloropropane
Concen: 3.135 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.006 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35



Tgt Ion: 75 Resp: 31190
Ion Ratio Lower Upper
75 100
77 29.5 25.7 38.5
110 41.2 32.6 49.0





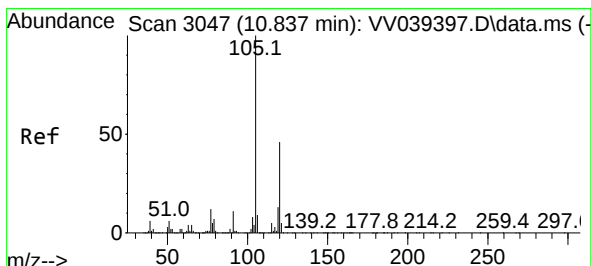
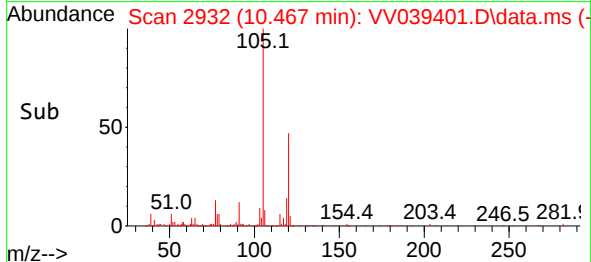
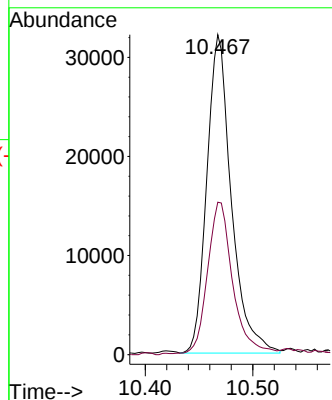
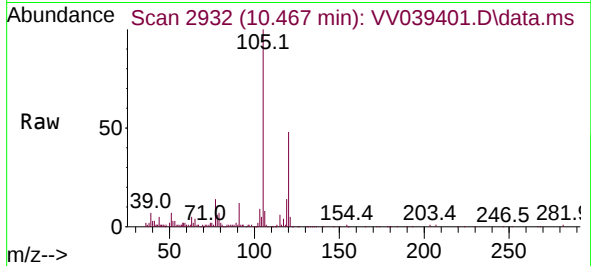
#62
1,3,5-Trimethylbenzene
Concen: 2.098 ug/L
RT: 10.467 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2025-08

Tgt Ion:105 Resp: 50886
Ion Ratio Lower Upper
105 100
120 48.9 39.8 59.8

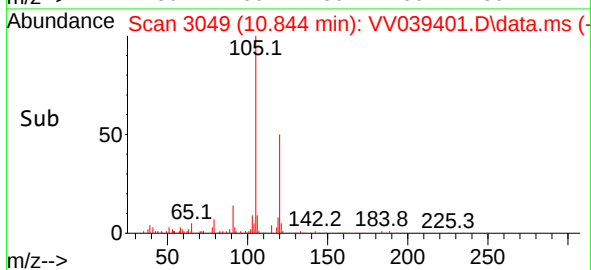
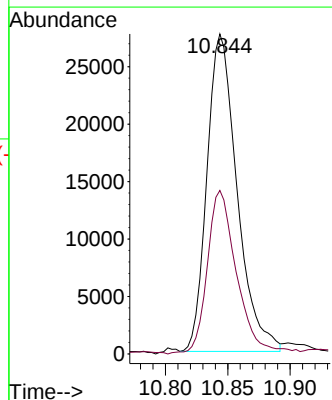
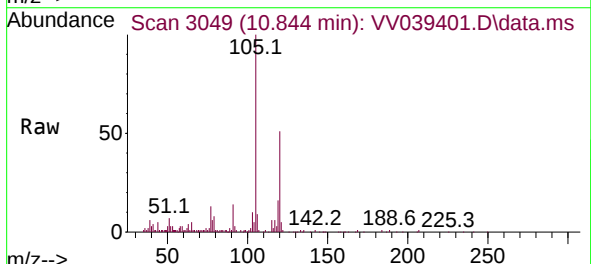
Manual Integrations
APPROVED

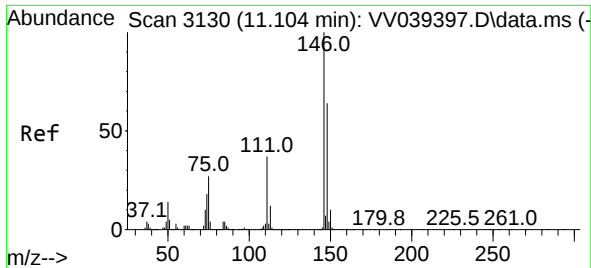
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#63
1,2,4-Trimethylbenzene
Concen: 1.945 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. 0.006 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Tgt Ion:105 Resp: 46381
Ion Ratio Lower Upper
105 100
120 49.4 37.4 56.2





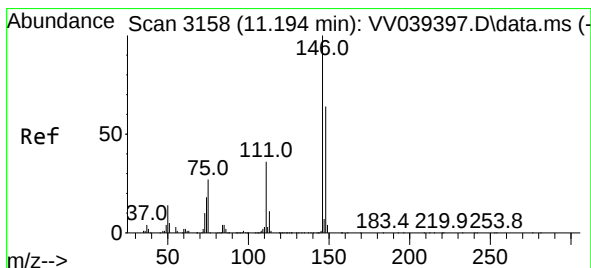
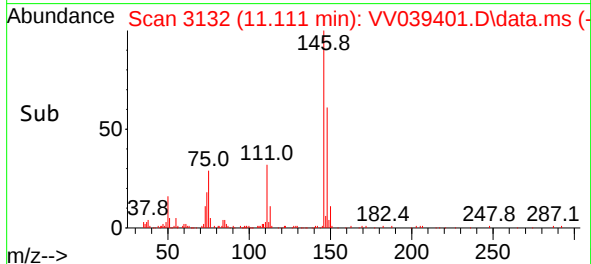
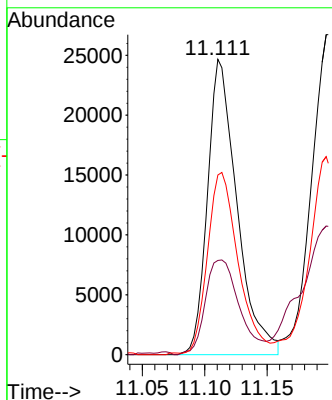
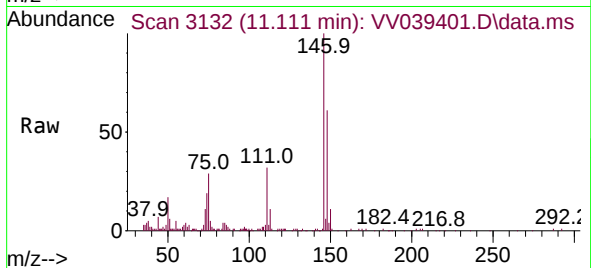
#64
1,3-Dichlorobenzene
Concen: 2.398 ug/L
RT: 11.111 min Scan# 3131
Delta R.T. 0.006 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2025-08

Tgt Ion:146 Resp: 40556
Ion Ratio Lower Upper
146 100
111 31.9 26.5 49.3
148 60.8 44.6 82.8

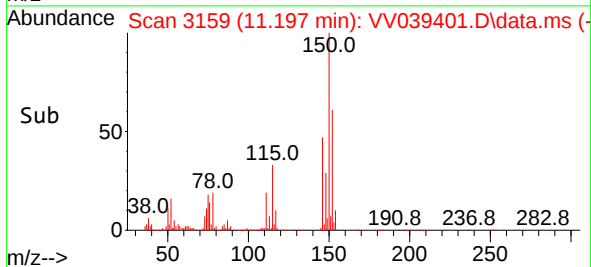
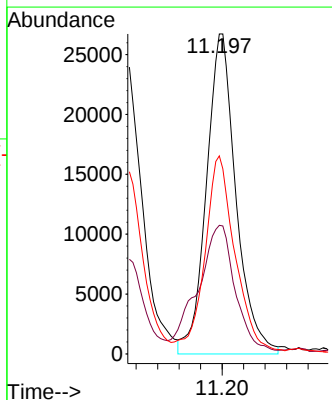
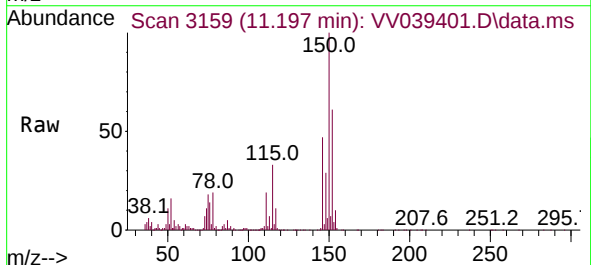
Manual Integrations
APPROVED

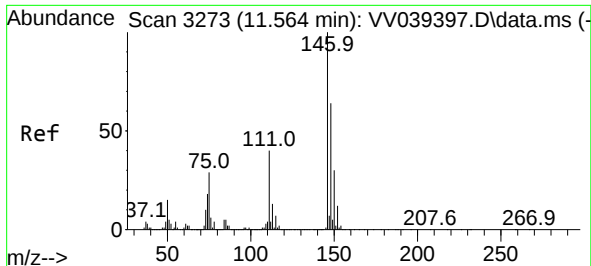
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#65
1,4-Dichlorobenzene
Concen: 2.808 ug/L
RT: 11.197 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Tgt Ion:146 Resp: 51154
Ion Ratio Lower Upper
146 100
111 40.2 25.6 47.4
148 61.9 44.9 83.5





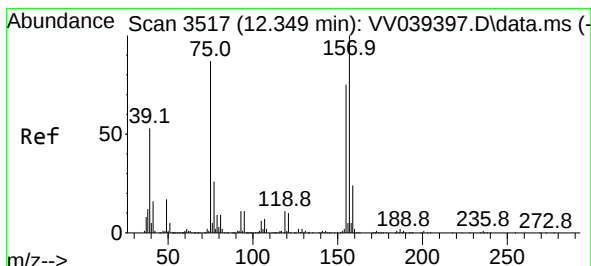
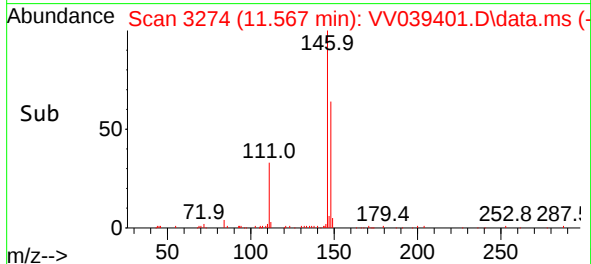
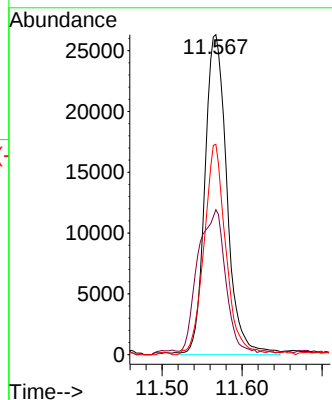
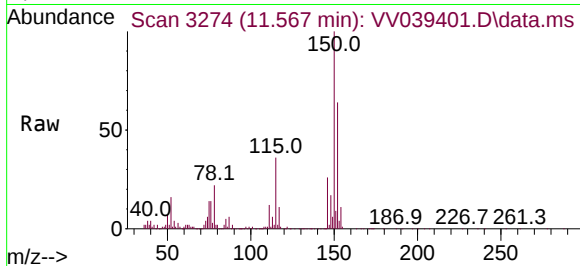
#67
1,2-Dichlorobenzene
Concen: 2.985 ug/L
RT: 11.567 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT4-2025-08

Tgt Ion:146 Resp: 5041
Ion Ratio Lower Upper
146 100
111 45.3 32.2 48.2
148 65.7 51.6 77.4

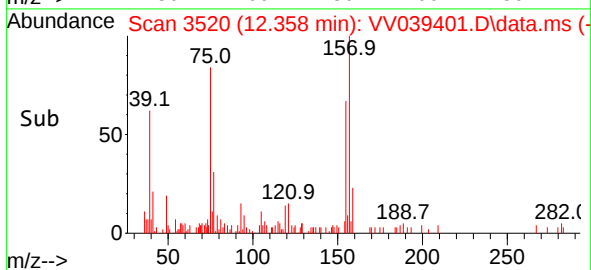
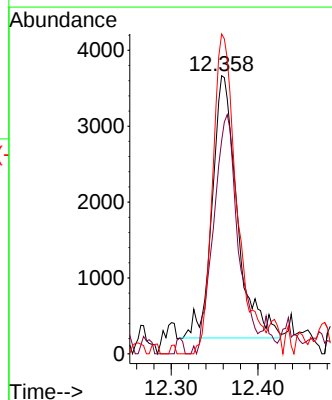
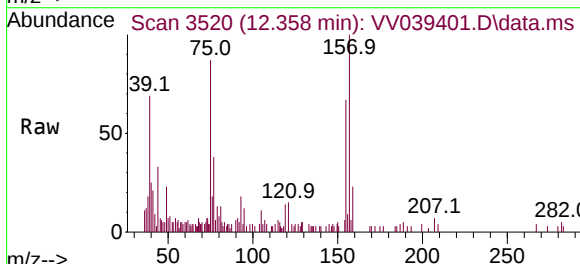
Manual Integrations
APPROVED

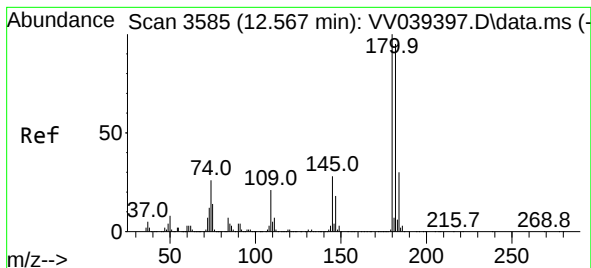
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#68
1,2-Dibromo-3-chloropropane
Concen: 2.482 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. 0.009 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 75 Resp: 6933
Ion Ratio Lower Upper
75 100
155 76.7 73.0 109.4
157 115.0 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 2.380 ug/L

RT: 12.574 min Scan# 3585

Delta R.T. 0.006 min

Lab File: VV039401.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT4-2025-08

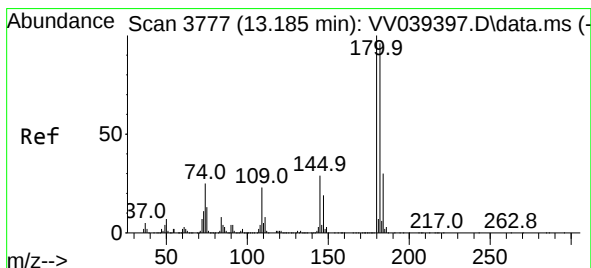
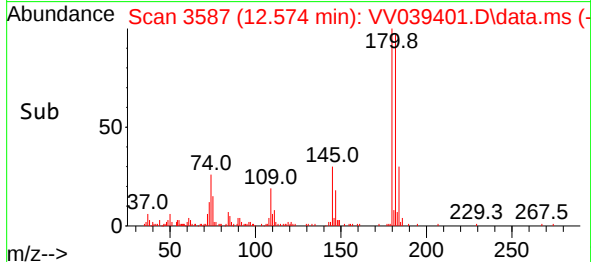
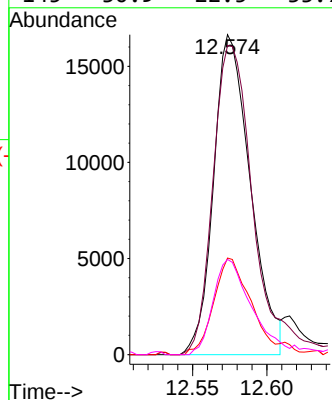
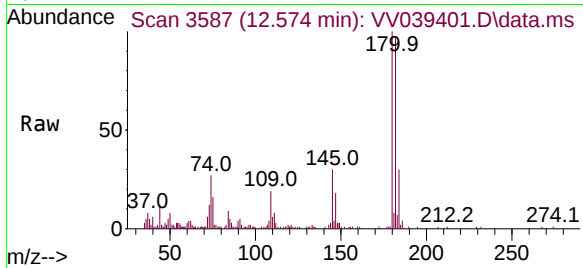
Tgt Ion	Ratio	Lower	Upper
180	100		
182	105.7	75.8	113.8
184	29.9	24.3	36.5
145	30.9	22.5	33.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#70

1,2,4-trichlorobenzene

Concen: 2.181 ug/L

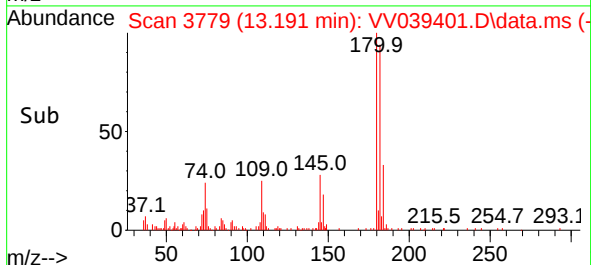
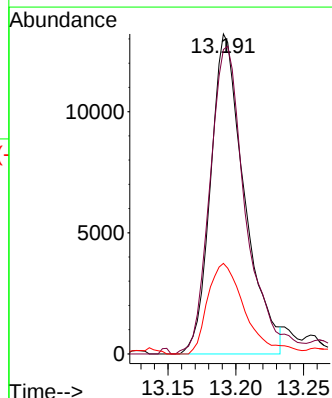
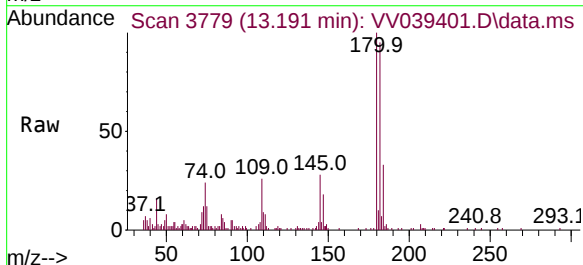
RT: 13.191 min Scan# 3779

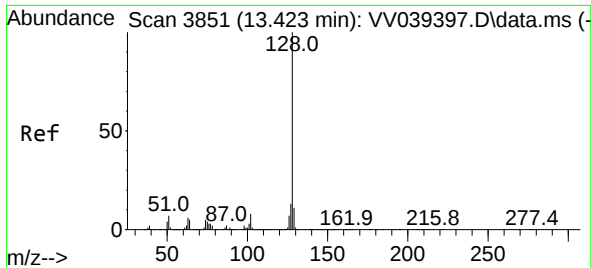
Delta R.T. 0.006 min

Lab File: VV039401.D

Acq: 18 Nov 2025 11:35

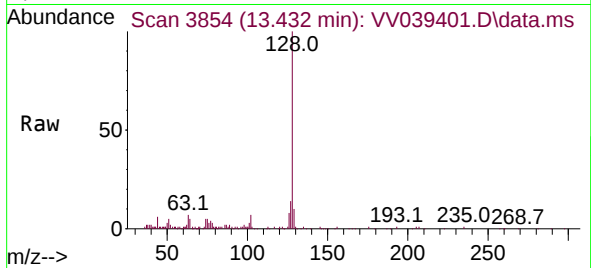
Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.5	76.1	114.1
145	31.2	22.5	33.7





#71
Naphthalene
Concen: 1.936 ug/L
RT: 13.432 min Scan# 3851
Delta R.T. 0.009 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35

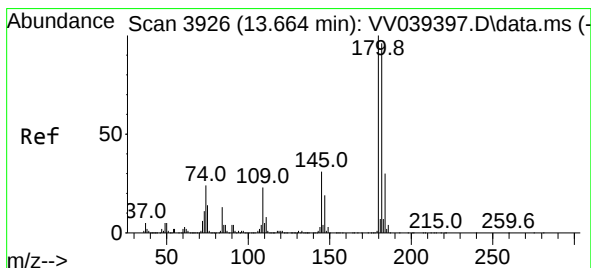
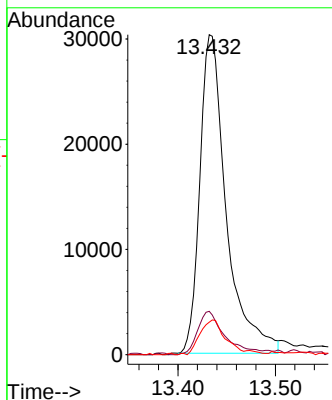
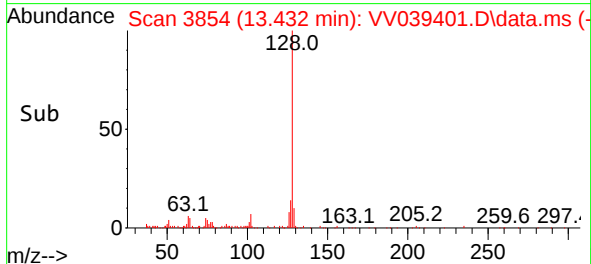
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2025-08



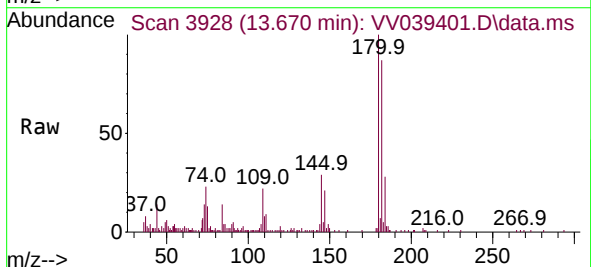
Tgt Ion:128 Resp: 5721
Ion Ratio Lower Upper
128 100
127 13.9 10.6 16.0
129 10.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#72
1,2,3-Trichlorobenzene
Concen: 2.214 ug/L
RT: 13.670 min Scan# 3928
Delta R.T. 0.006 min
Lab File: VV039401.D
Acq: 18 Nov 2025 11:35



Tgt Ion:180 Resp: 24071
Ion Ratio Lower Upper
180 100
182 90.8 76.6 115.0
145 31.4 24.3 36.5

