

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090525\
 Data File : VD080519.D
 Acq On : 05 Sep 2025 11:55
 Operator : RP/MD
 Sample : Q2893-03
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

Quant Time: Sep 06 03:44:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 06 03:43:14 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/08/2025
 Supervised By :Semsettin Yesilyurt 09/08/2025

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	337314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	601783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.576	117	527661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	251092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	166122	43.652	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.300%		
35) Dibromofluoromethane	7.806	113	171999	43.191	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.380%		
50) Toluene-d8	10.270	98	678495	43.161	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	86.320%		
62) 4-Bromofluorobenzene	12.570	95	209802	40.979	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	81.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	10488	3.652	ug/l	100
3) Chloromethane	2.147	50	16087	3.549	ug/l	98
4) Vinyl Chloride	2.282	62	17606	3.763	ug/l	100
5) Bromomethane	2.688	94	12155	4.623	ug/l	98
6) Chloroethane	2.835	64	13999	4.584	ug/l	96
7) Trichlorofluoromethane	3.176	101	19949	3.661	ug/l	96
8) Diethyl Ether	3.594	74	7610	3.524	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.976	101	13271	3.753	ug/l	96
10) Methyl Iodide	4.171	142	11739	2.876	ug/l	98
11) Tert butyl alcohol	5.059	59	6050	21.968	ug/l #	83
12) 1,1-Dichloroethene	3.941	96	12505	3.395	ug/l	97
13) Acrolein	3.894	56	310m	1.059	ug/l	
14) Allyl chloride	4.565	41	21071	3.296	ug/l	93
15) Acrylonitrile	5.265	53	17205	17.892	ug/l	97
16) Acetone	4.023	43	24220	27.185	ug/l	93
17) Carbon Disulfide	4.271	76	37554	3.015	ug/l	98
18) Methyl Acetate	4.570	43	11717	4.673	ug/l	97
19) Methyl tert-butyl Ether	5.317	73	32929	3.407	ug/l	94
20) Methylene Chloride	4.794	84	26279	5.369	ug/l	90
21) trans-1,2-Dichloroethene	5.317	96	15556	3.689	ug/l	91
22) Diisopropyl ether	6.212	45	46121	3.505	ug/l	96
23) Vinyl Acetate	6.159	43	113357	15.141	ug/l	95
24) 1,1-Dichloroethane	6.106	63	27647	3.630	ug/l	93
25) 2-Butanone	7.082	43	28428	22.534	ug/l	92
26) 2,2-Dichloropropane	7.076	77	22400	3.715	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	18051	3.587	ug/l	96
28) Bromochloromethane	7.423	49	11344	3.655	ug/l	93
29) Tetrahydrofuran	7.447	42	15222	19.095	ug/l	98
30) Chloroform	7.594	83	26648	3.659	ug/l	96
31) Cyclohexane	7.876	56	29632	4.157	ug/l #	74
32) 1,1,1-Trichloroethane	7.794	97	22941	3.783	ug/l	97
36) 1,1-Dichloropropene	8.011	75	19729	3.741	ug/l	98
37) Ethyl Acetate	7.170	43	10105m	3.985	ug/l	
38) Carbon Tetrachloride	7.988	117	18914	3.768	ug/l	87
39) Methylcyclohexane	9.270	83	24953	3.555	ug/l	99
40) Benzene	8.253	78	61736	3.678	ug/l	92

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 Supervised By :Semsettin Yesilyurt 09/08/2025

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.412	41	5311	3.528	ug/l	89
42) 1,2-Dichloroethane	8.329	62	15159	3.729	ug/l	95
43) Isopropyl Acetate	8.359	43	19430	3.766	ug/l #	86
44) Trichloroethene	9.023	130	15258	3.747	ug/l	81
45) 1,2-Dichloropropane	9.306	63	14603	3.508	ug/l	100
46) Dibromomethane	9.400	93	8397	3.766	ug/l	98
47) Bromodichloromethane	9.582	83	21063	3.875	ug/l #	93
48) Methyl methacrylate	9.382	41	9164	3.583	ug/l	96
49) 1,4-Dioxane	9.394	88	2185	79.258	ug/l #	92
51) 4-Methyl-2-Pentanone	10.158	43	48875	18.994	ug/l	100
52) Toluene	10.329	92	37771	3.609	ug/l	96
53) t-1,3-Dichloropropene	10.553	75	19762	3.567	ug/l	100
54) cis-1,3-Dichloropropene	10.017	75	23297	3.516	ug/l	95
55) 1,1,2-Trichloroethane	10.729	97	11134	3.724	ug/l	93
56) Ethyl methacrylate	10.600	69	14189	3.406	ug/l #	94
57) 1,3-Dichloropropane	10.882	76	19098	3.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	29251	18.146	ug/l	100
59) 2-Hexanone	10.923	43	37680	20.609	ug/l	98
60) Dibromochloromethane	11.070	129	14743	3.913	ug/l	100
61) 1,2-Dibromoethane	11.176	107	10581	3.719	ug/l	98
64) Tetrachloroethene	10.805	164	12515	3.841	ug/l	92
65) Chlorobenzene	11.605	112	43543	3.872	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.682	131	13621	3.798	ug/l	98
67) Ethyl Benzene	11.682	91	71413	3.669	ug/l	93
68) m/p-Xylenes	11.788	106	54655	7.293	ug/l	100
69) o-Xylene	12.117	106	26496	3.705	ug/l	100
70) Styrene	12.135	104	44704	3.675	ug/l	99
71) Bromoform	12.299	173	8596	4.217	ug/l #	99
73) Isopropylbenzene	12.417	105	66791	3.631	ug/l	100
74) N-amyl acetate	12.229	43	18092	3.706	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.670	83	12579	3.678	ug/l	95
76) 1,2,3-Trichloropropane	12.723	75	9807m	4.786	ug/l	
77) Bromobenzene	12.699	156	15831	3.719	ug/l	97
78) n-propylbenzene	12.758	91	82561	3.696	ug/l	99
79) 2-Chlorotoluene	12.847	91	46428	3.647	ug/l	97
80) 1,3,5-Trimethylbenzene	12.899	105	54271	3.630	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	4976	3.685	ug/l	93
82) 4-Chlorotoluene	12.941	91	48752	3.723	ug/l	95
83) tert-Butylbenzene	13.164	119	46775	3.606	ug/l	98
84) 1,2,4-Trimethylbenzene	13.205	105	55934	3.716	ug/l	100
85) sec-Butylbenzene	13.341	105	70103	3.621	ug/l	100
86) p-Isopropyltoluene	13.458	119	59425	3.670	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	32325	3.939	ug/l	98
88) 1,4-Dichlorobenzene	13.535	146	32381	3.929	ug/l	92
89) n-Butylbenzene	13.782	91	56334	3.652	ug/l	99
90) Hexachloroethane	14.052	117	11552	3.688	ug/l	99
91) 1,2-Dichlorobenzene	13.823	146	28618	3.919	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.446	75	2177	4.241	ug/l	92
93) 1,2,4-Trichlorobenzene	15.099	180	17778	3.885	ug/l	97
94) Hexachlorobutadiene	15.199	225	7800	3.750	ug/l	87
95) Naphthalene	15.329	128	37968	3.901	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	15765	4.025	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Sep 06 03:43:14 2025
Response via : Initial Calibration

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

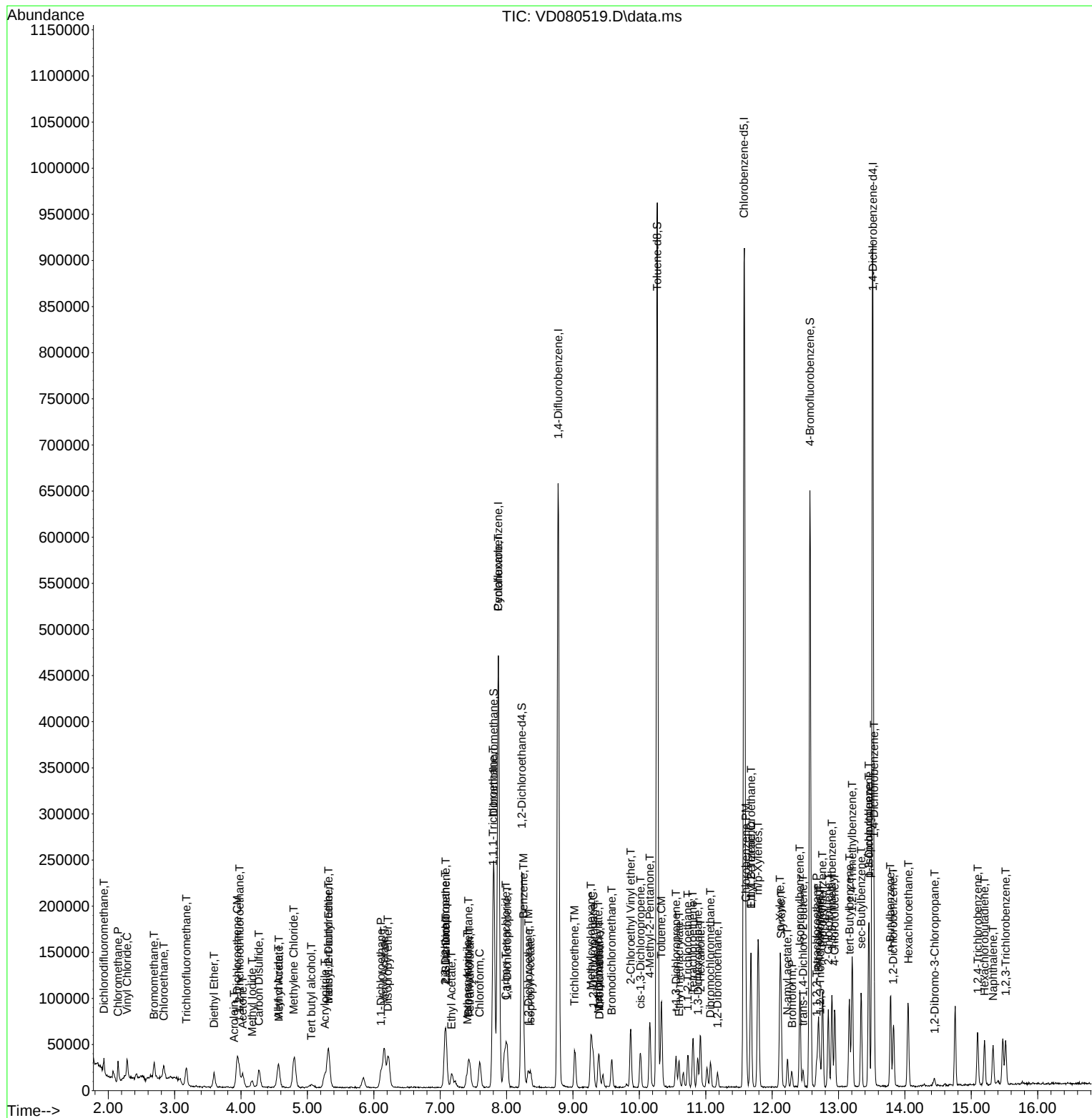
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 Sample : Q2893-03
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

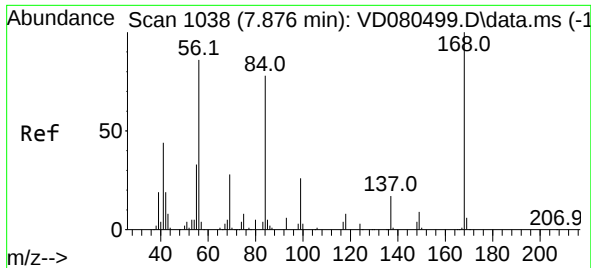
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 ClientSampleId :
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
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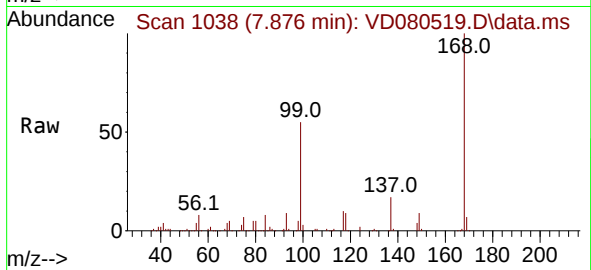
Reviewed By :Mahesh Dadoda 09/08/2025
 Supervised By :Semsettin Yesilyurt 09/08/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

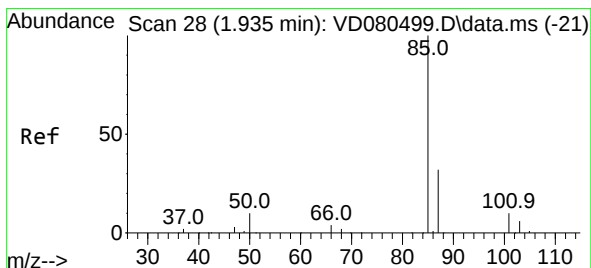
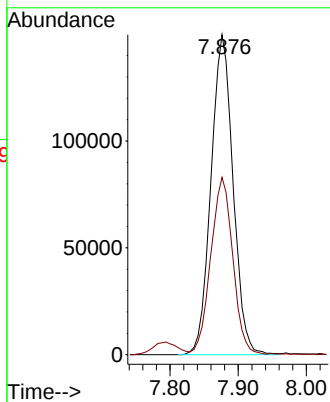
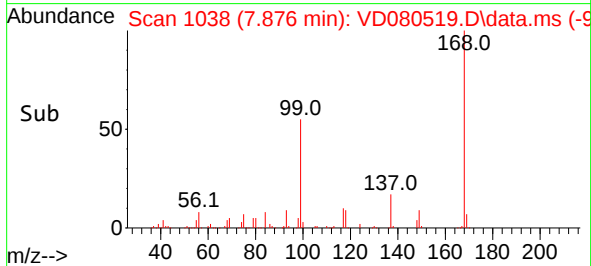
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



Tgt Ion:168 Resp: 337314
Ion Ratio Lower Upper
168 100
99 55.2 44.1 66.1

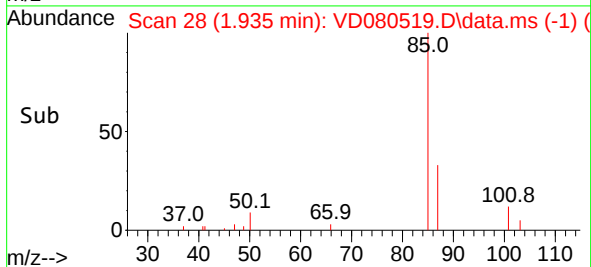
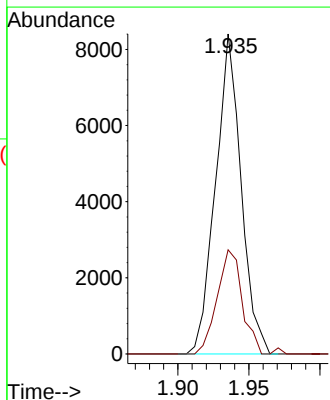
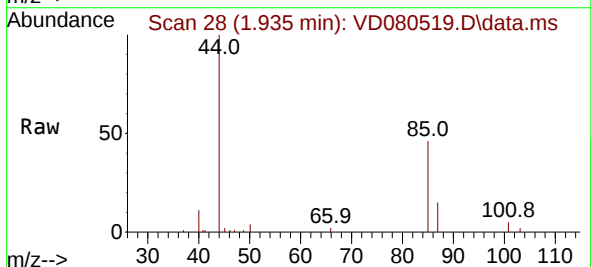
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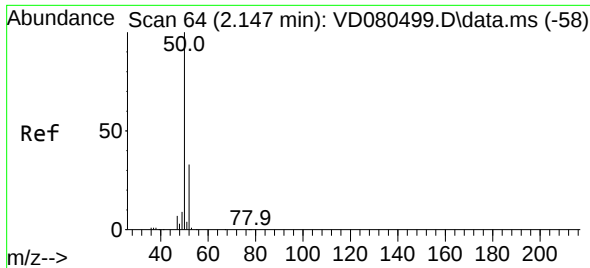
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#2
Dichlorodifluoromethane
Concen: 3.652 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

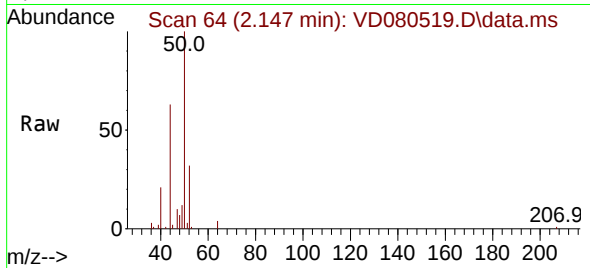
Tgt Ion: 85 Resp: 10488
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.5





#3
Chloromethane
Concen: 3.549 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

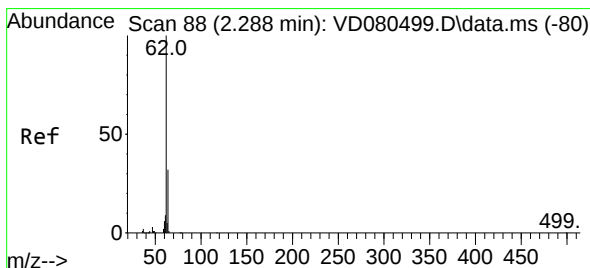
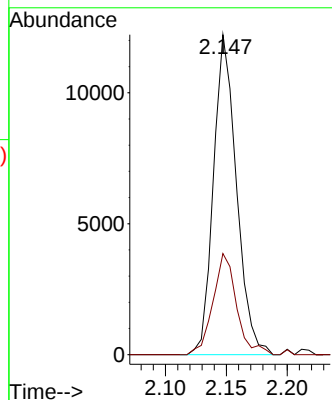
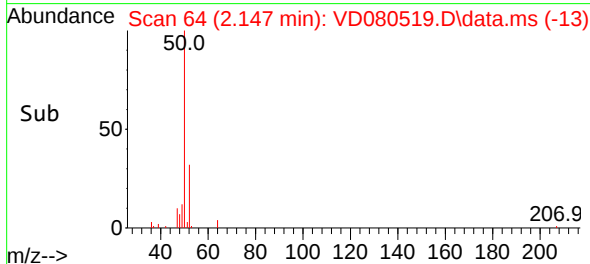
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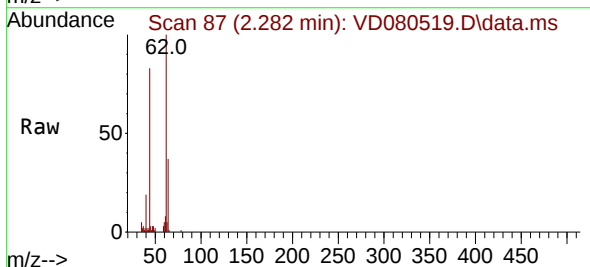
Tgt Ion: 50 Resp: 1608
Ion Ratio Lower Upper
50 100
52 31.6 26.2 39.4

Manual Integrations
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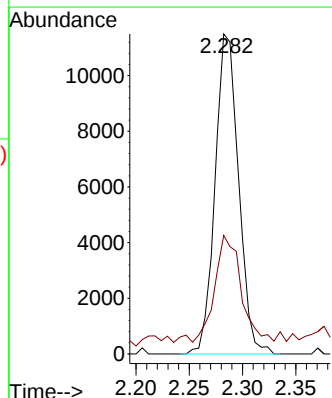
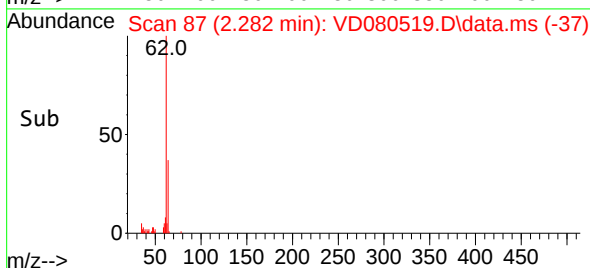
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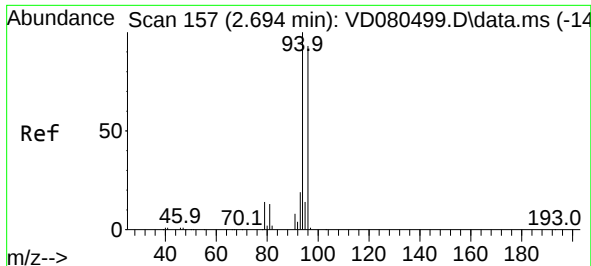


#4
Vinyl Chloride
Concen: 3.763 ug/l
RT: 2.282 min Scan# 87
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55



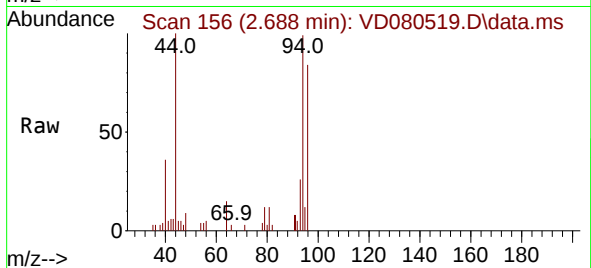
Tgt Ion: 62 Resp: 17606
Ion Ratio Lower Upper
62 100
64 31.8 25.6 38.4





#5
Bromomethane
Concen: 4.623 ug/l
RT: 2.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

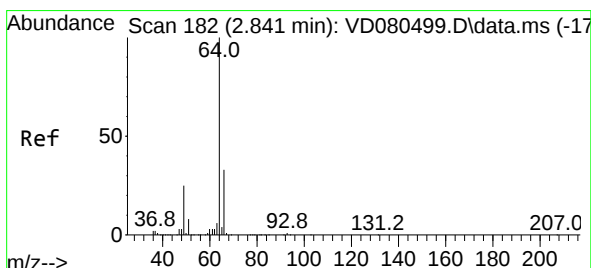
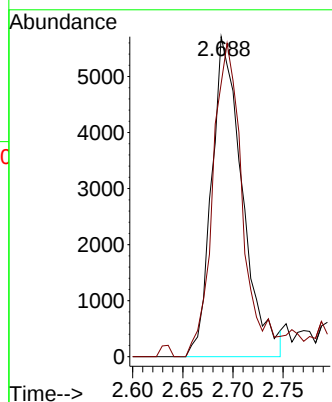
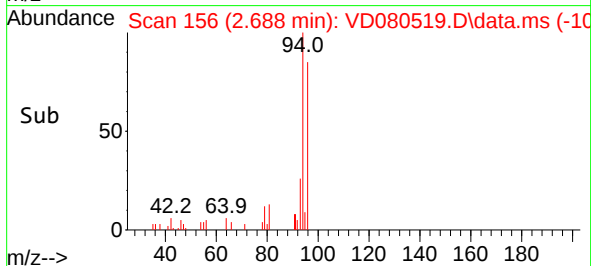
Instrument :
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Tgt Ion: 94 Resp: 1215
Ion Ratio Lower Upper
94 100
96 95.0 74.6 111.8

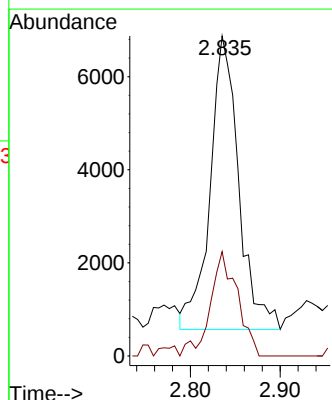
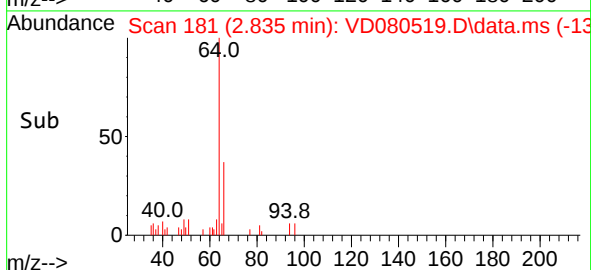
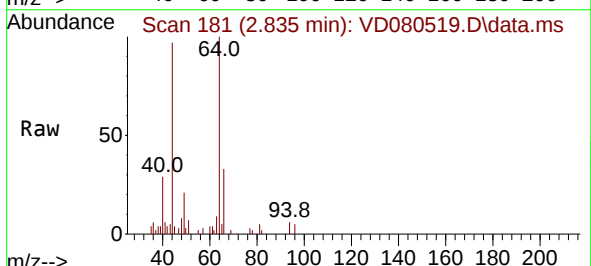
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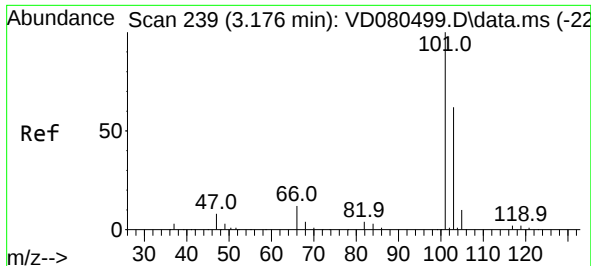
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#6
Chloroethane
Concen: 4.584 ug/l
RT: 2.835 min Scan# 181
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion: 64 Resp: 13999
Ion Ratio Lower Upper
64 100
66 35.6 26.5 39.7





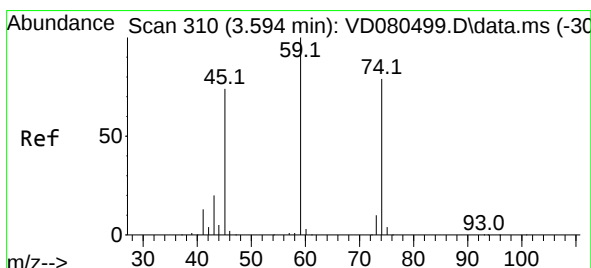
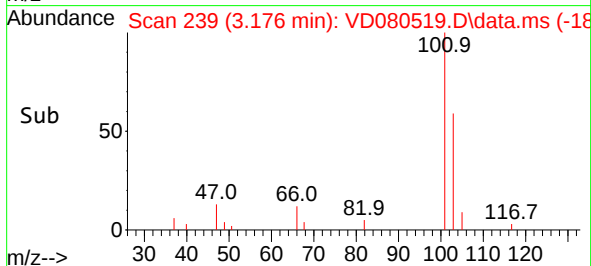
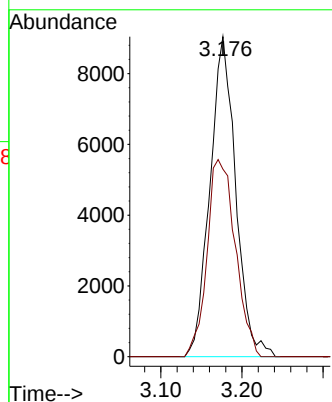
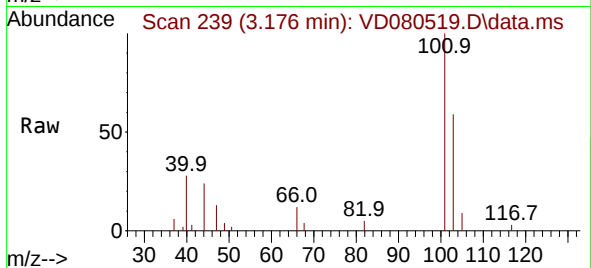
#7
Trichlorofluoromethane
Concen: 3.661 ug/l
RT: 3.176 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Instrument :
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ClientSampleId :
MDL-SOIL-03-QT3-2025

Tgt Ion:101 Resp: 19949
Ion Ratio Lower Upper
101 100
103 58.6 49.6 74.4

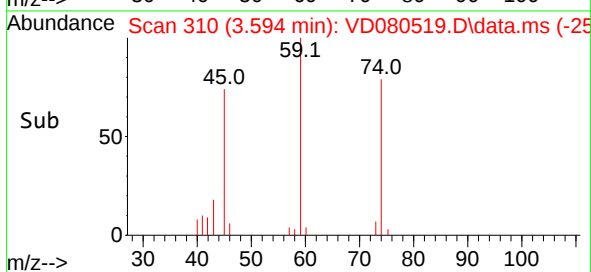
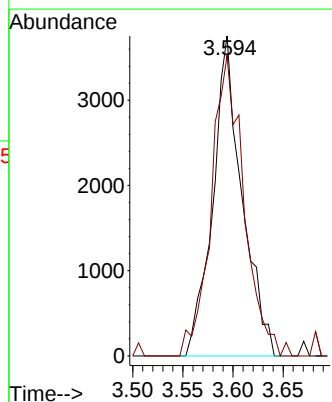
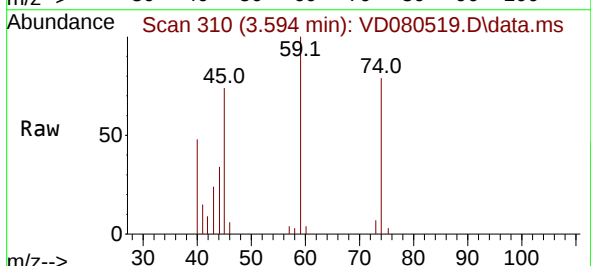
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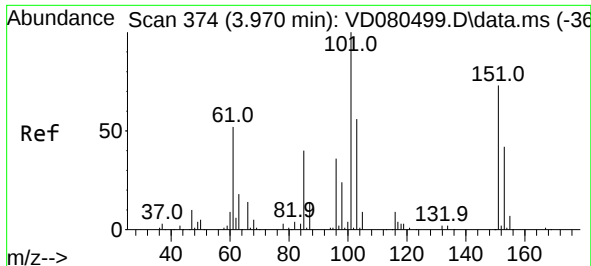
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#8
Diethyl Ether
Concen: 3.524 ug/l
RT: 3.594 min Scan# 310
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion: 74 Resp: 7610
Ion Ratio Lower Upper
74 100
45 104.8 48.2 144.6





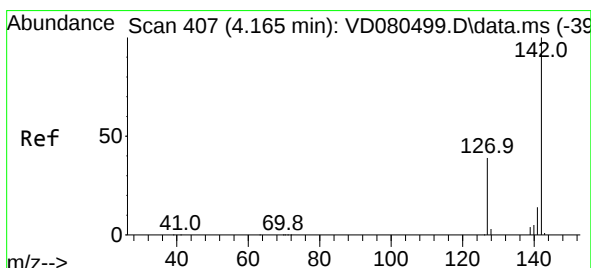
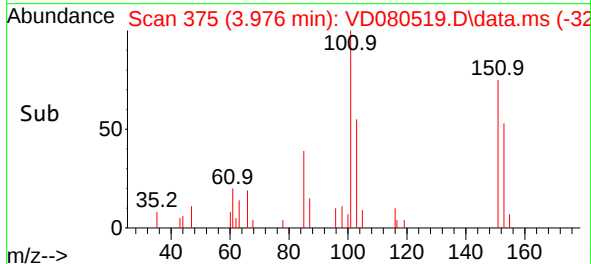
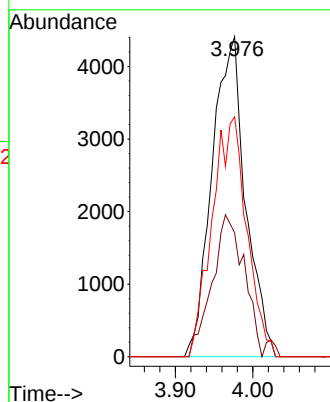
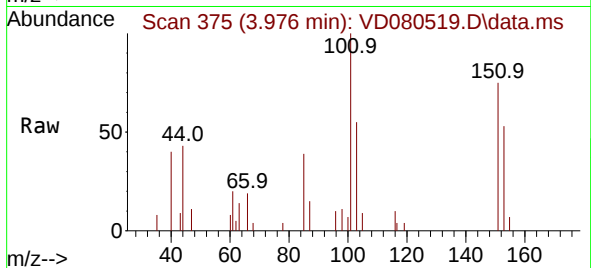
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.753 ug/l
RT: 3.976 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2025

Tgt Ion:101 Resp: 1327
Ion Ratio Lower Upper
101 100
85 42.4 33.8 50.6
151 77.2 58.0 87.0

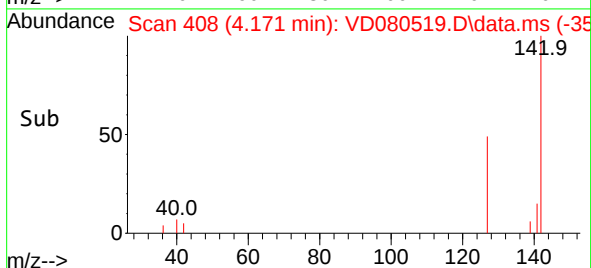
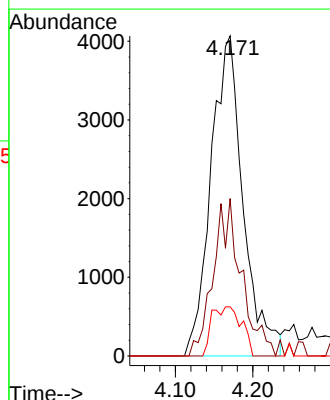
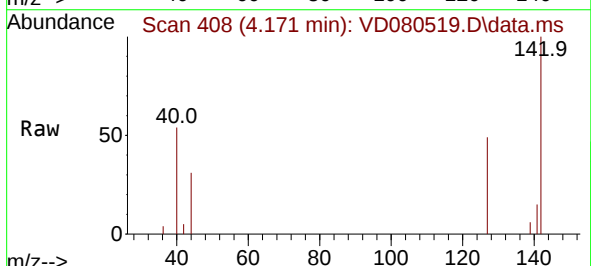
Manual Integrations
APPROVED

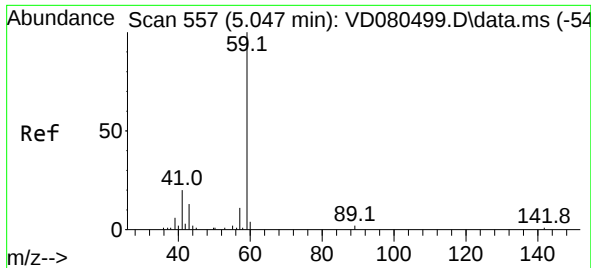
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#10
Methyl Iodide
Concen: 2.876 ug/l
RT: 4.171 min Scan# 408
Delta R.T. 0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

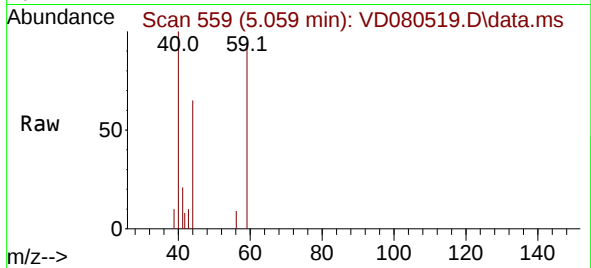
Tgt Ion:142 Resp: 11739
Ion Ratio Lower Upper
142 100
127 42.8 33.1 49.7
141 14.3 11.7 17.5





#11
Tert butyl alcohol
Concen: 21.968 ug/l
RT: 5.059 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

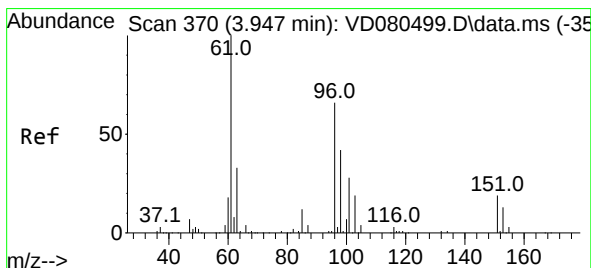
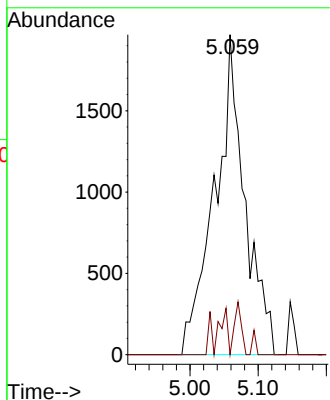
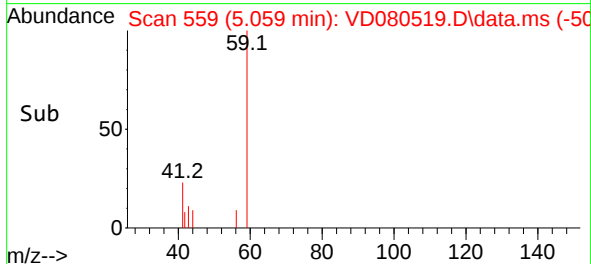
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



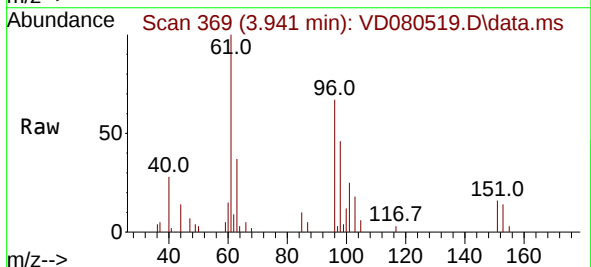
Tgt Ion: 59 Resp: 6050
Ion Ratio Lower Upper
59 100
57 3.8 8.1 12.1

Manual Integrations
APPROVED

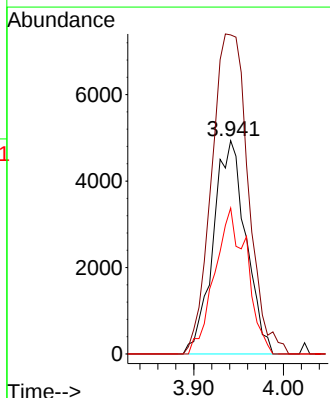
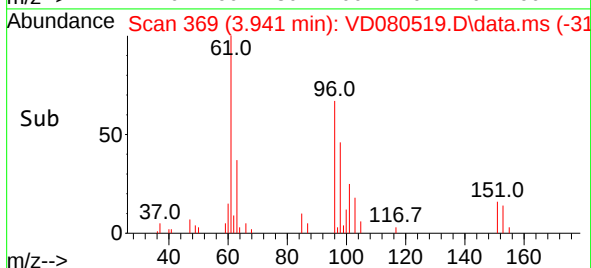
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025

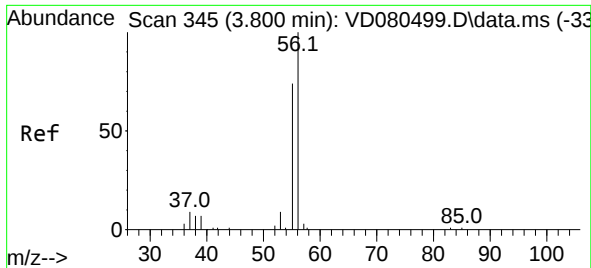


#12
1,1-Dichloroethene
Concen: 3.395 ug/l
RT: 3.941 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55



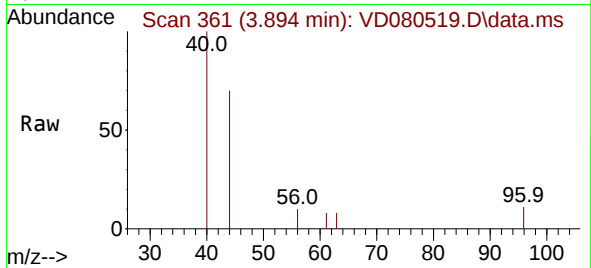
Tgt Ion: 96 Resp: 12505
Ion Ratio Lower Upper
96 100
61 149.5 120.9 181.3
98 68.4 50.7 76.1





#13
Acrolein
Concen: 1.059 ug/l m
RT: 3.894 min Scan# 30
Delta R.T. 0.094 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

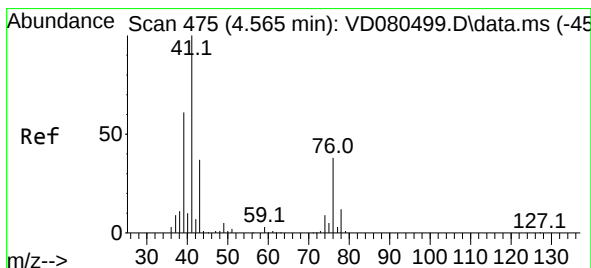
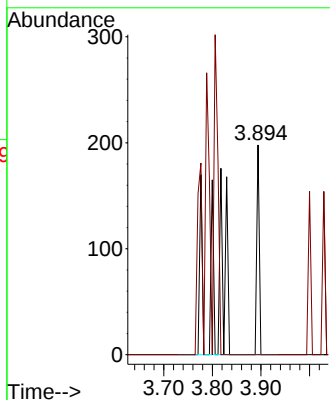
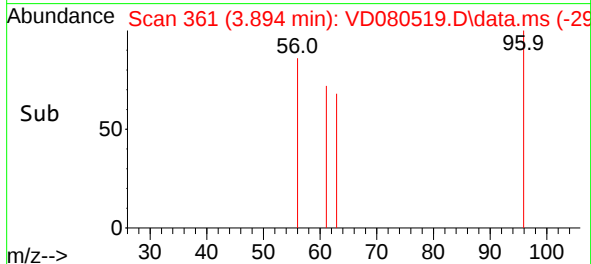
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



Tgt Ion: 56 Resp: 310
Ion Ratio Lower Upper
56 100
55 54.8 56.6 85.0

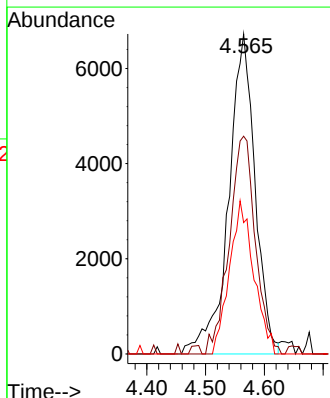
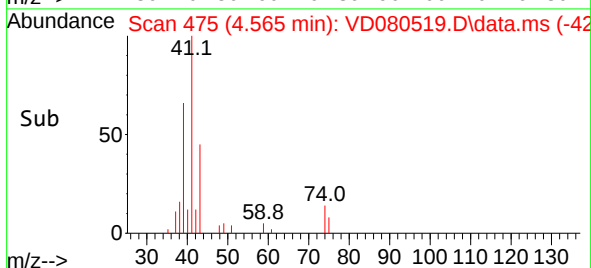
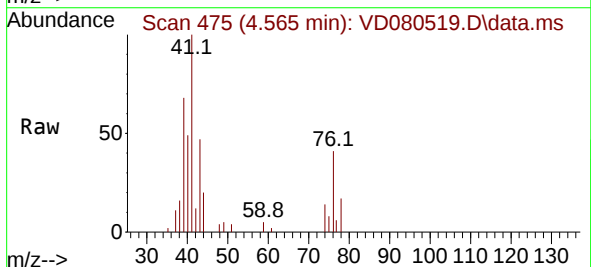
Manual Integrations
APPROVED

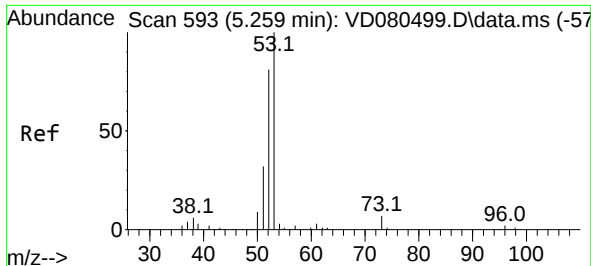
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#14
Allyl chloride
Concen: 3.296 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

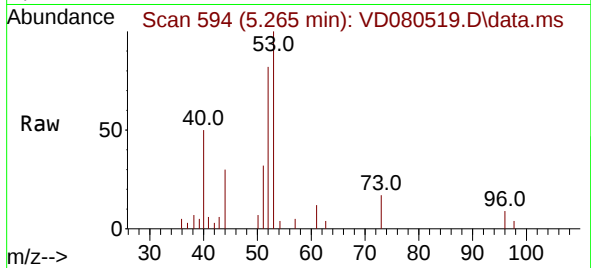
Tgt Ion: 41 Resp: 21071
Ion Ratio Lower Upper
41 100
39 67.1 50.1 75.1
76 43.9 30.7 46.1





#15
Acrylonitrile
Concen: 17.892 ug/l
RT: 5.265 min Scan# 593
Delta R.T. 0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

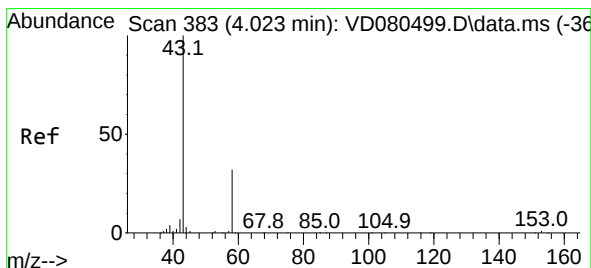
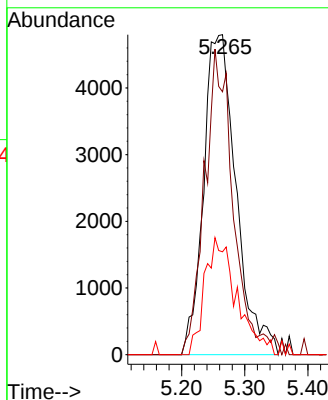
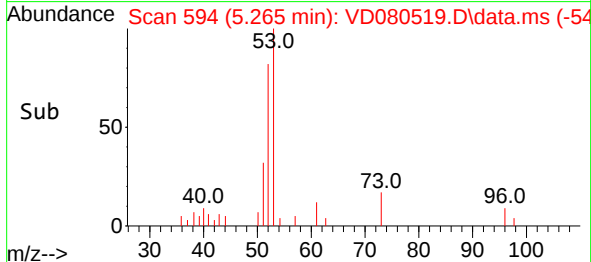
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



Tgt Ion: 53 Resp: 1720
Ion Ratio Lower Upper
53 100
52 84.6 64.6 97.0
51 35.8 28.0 42.0

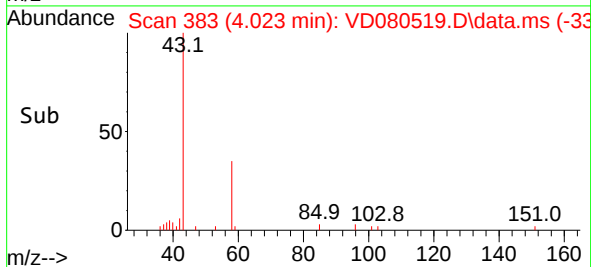
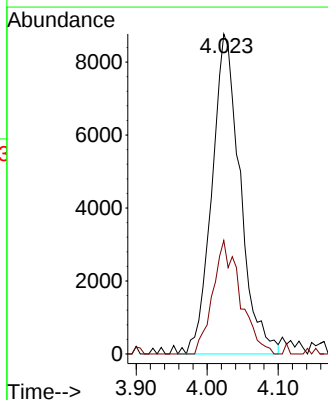
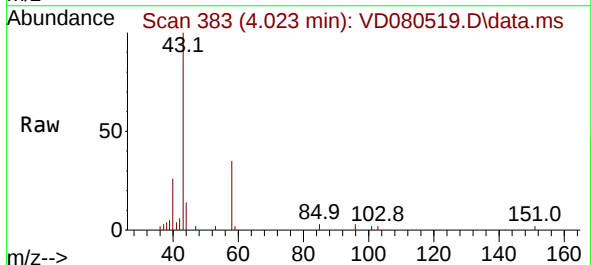
Manual Integrations
APPROVED

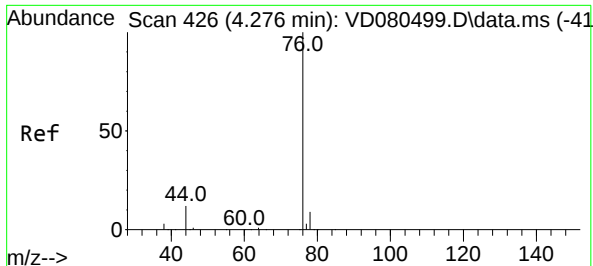
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#16
Acetone
Concen: 27.185 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion: 43 Resp: 24220
Ion Ratio Lower Upper
43 100
58 35.4 25.4 38.0





#17

Carbon Disulfide

Concen: 3.015 ug/l

RT: 4.271 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2025

Tgt Ion: 76 Resp: 37554

Ion Ratio Lower Upper

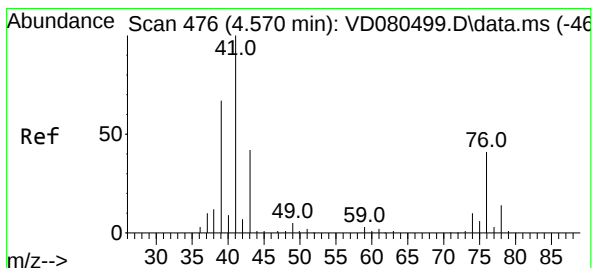
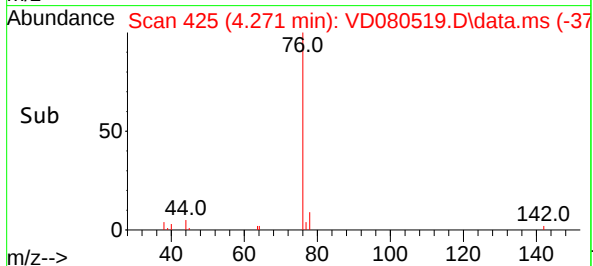
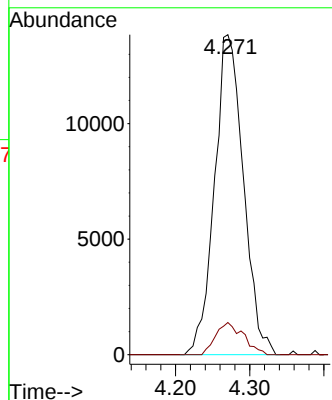
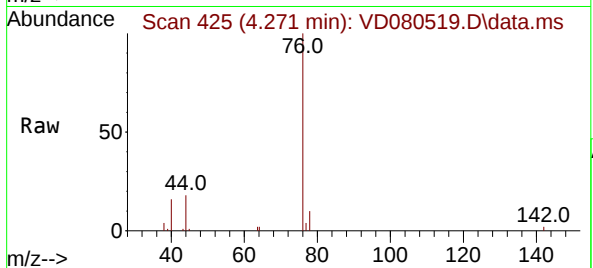
76 100

78 10.0 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#18

Methyl Acetate

Concen: 4.673 ug/l

RT: 4.570 min Scan# 476

Delta R.T. 0.000 min

Lab File: VD080519.D

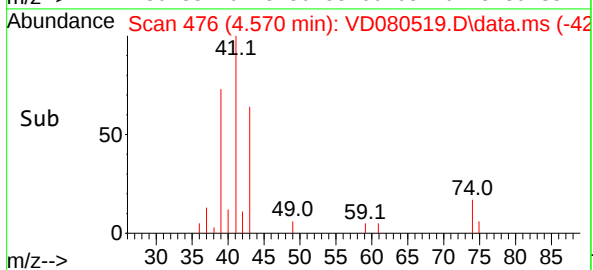
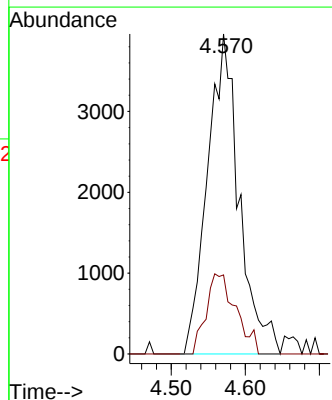
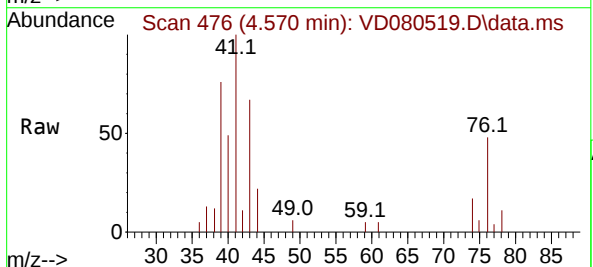
Acq: 05 Sep 2025 11:55

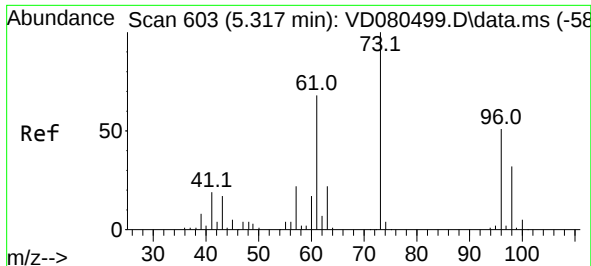
Tgt Ion: 43 Resp: 11717

Ion Ratio Lower Upper

43 100

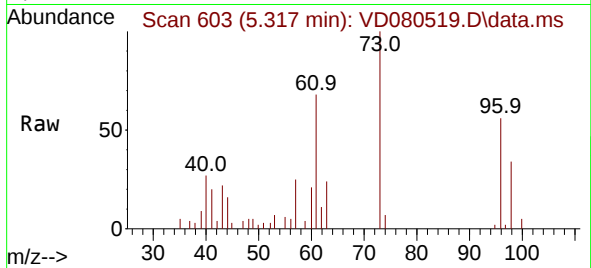
74 23.6 20.2 30.2





#19
Methyl tert-butyl Ether
Concen: 3.407 ug/l
RT: 5.317 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

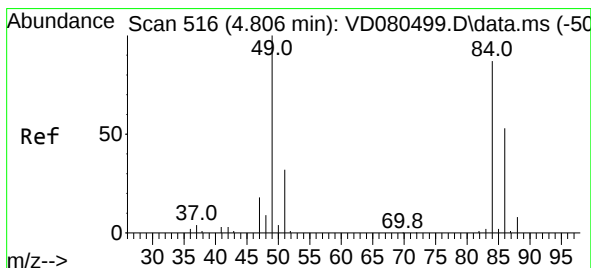
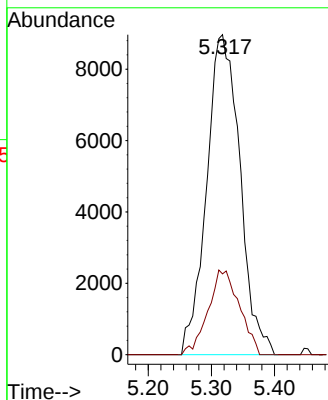
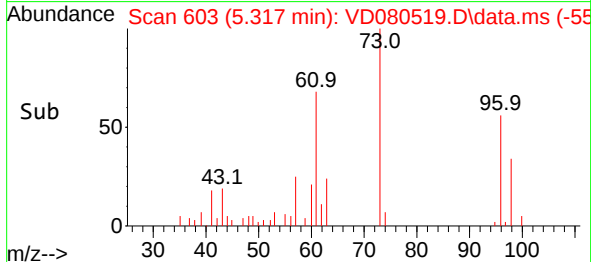
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



Tgt Ion: 73 Resp: 32929
Ion Ratio Lower Upper
73 100
57 25.3 17.8 26.8

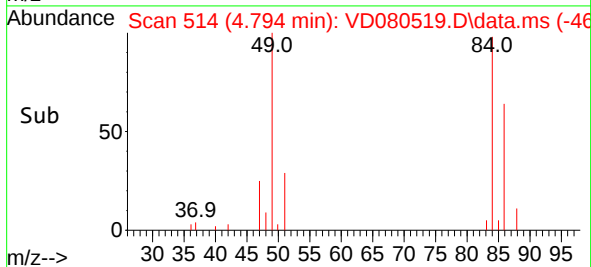
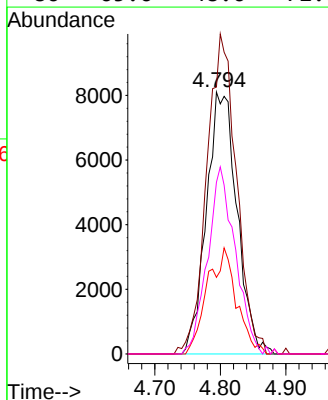
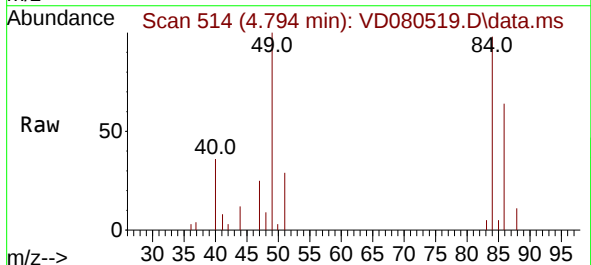
Manual Integrations
APPROVED

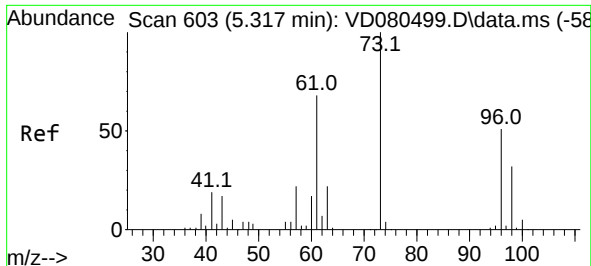
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#20
Methylene Chloride
Concen: 5.369 ug/l
RT: 4.794 min Scan# 514
Delta R.T. -0.012 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

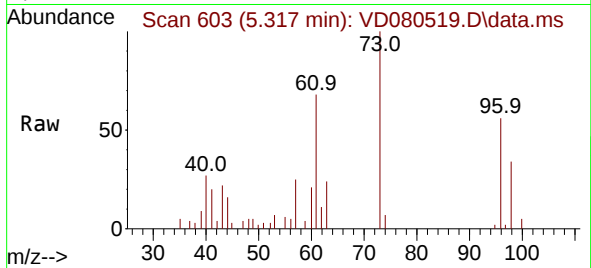
Tgt Ion: 84 Resp: 26279
Ion Ratio Lower Upper
84 100
49 101.9 91.8 137.6
51 29.3 29.0 43.4
86 65.6 48.6 72.8





#21
trans-1,2-Dichloroethene
Concen: 3.689 ug/l
RT: 5.317 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

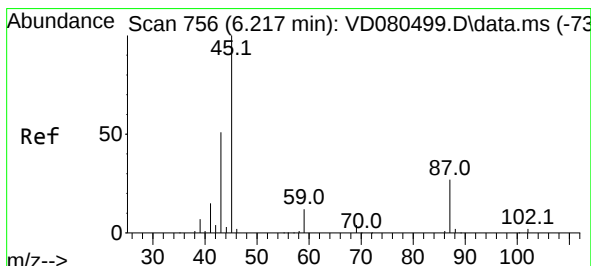
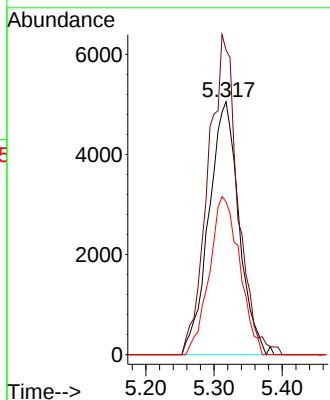
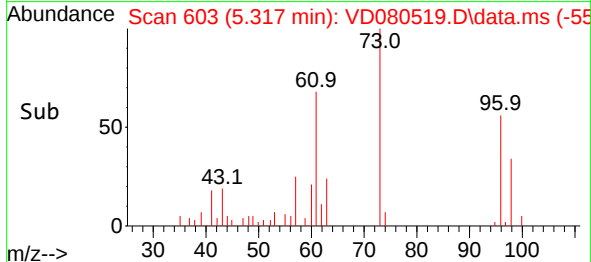
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



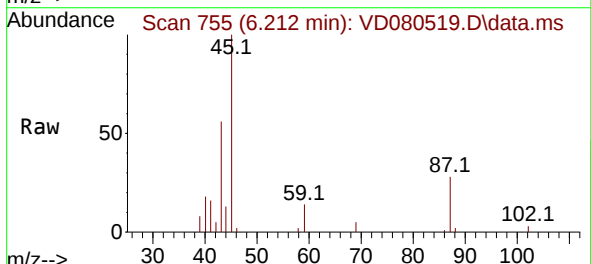
Tgt Ion: 96 Resp: 1555
Ion Ratio Lower Upper
96 100
61 120.4 107.4 161.0
98 60.4 49.9 74.9

Manual Integrations
APPROVED

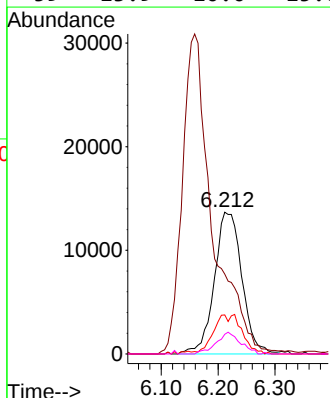
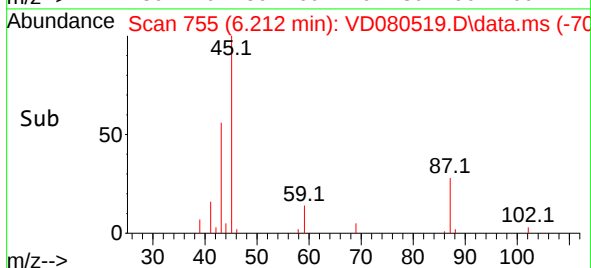
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025

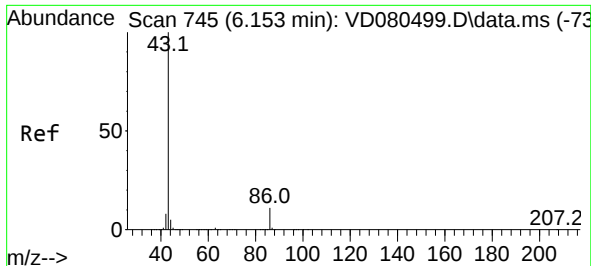


#22
Diisopropyl ether
Concen: 3.505 ug/l
RT: 6.212 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55



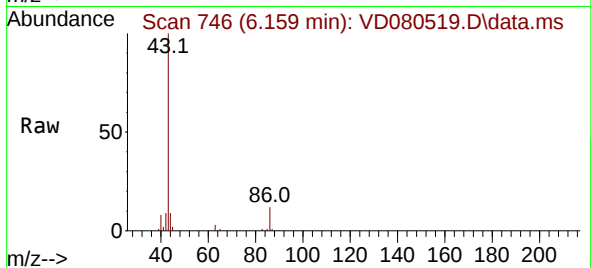
Tgt Ion: 45 Resp: 46121
Ion Ratio Lower Upper
45 100
43 54.2 40.6 60.8
87 27.6 21.6 32.4
59 13.9 10.0 15.0





#23
 Vinyl Acetate
 Concen: 15.141 ug/l
 RT: 6.159 min Scan# 745
 Delta R.T. 0.006 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

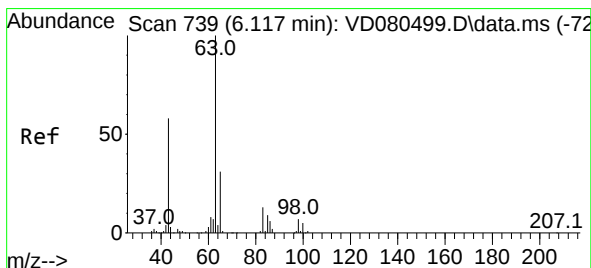
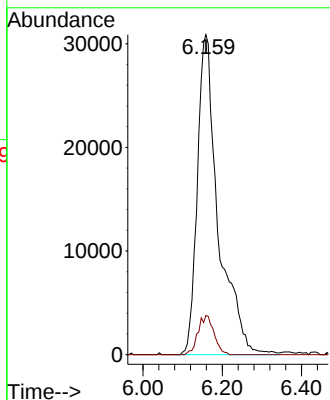
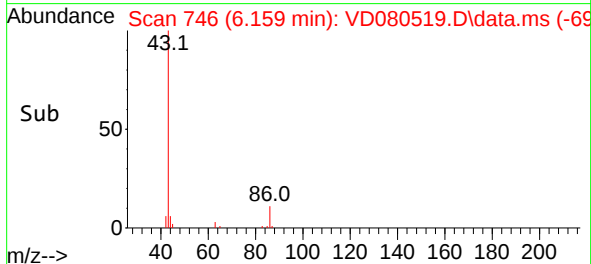
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2025



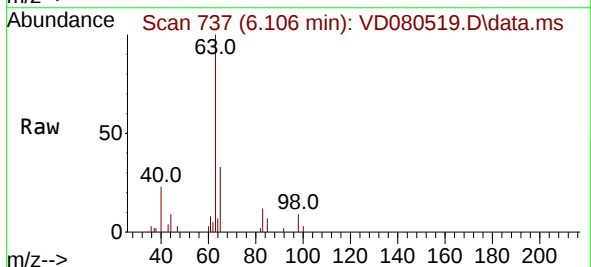
Tgt Ion: 43 Resp: 11335
 Ion Ratio Lower Upper
 43 100
 86 12.3 8.4 12.6

Manual Integrations
 APPROVED

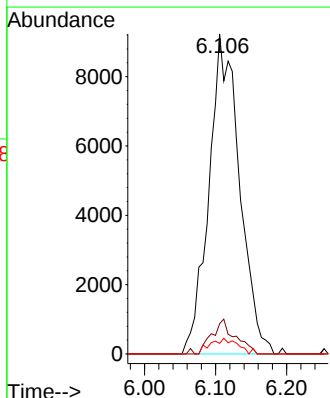
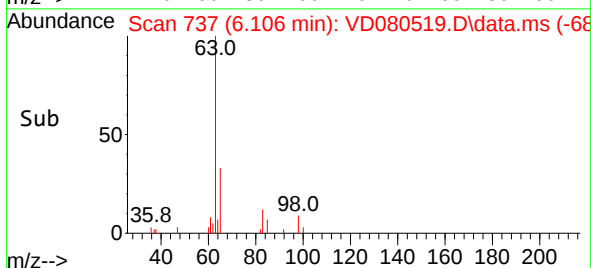
Reviewed By :Mahesh Dadoda 09/08/2025
 Supervised By :Semsettin Yesilyurt 09/08/2025

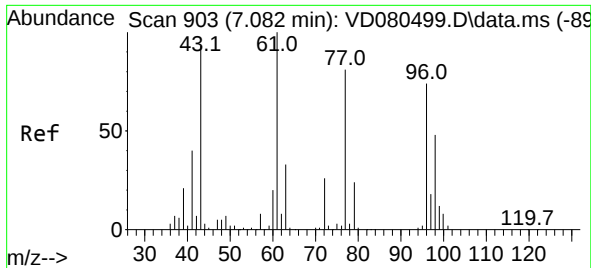


#24
 1,1-Dichloroethane
 Concen: 3.630 ug/l
 RT: 6.106 min Scan# 737
 Delta R.T. -0.012 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55



Tgt Ion: 63 Resp: 27647
 Ion Ratio Lower Upper
 63 100
 98 9.5 3.3 9.9
 100 3.3 2.4 7.1





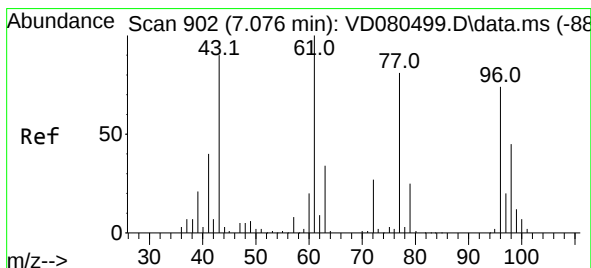
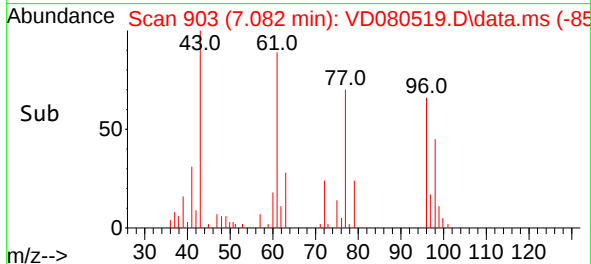
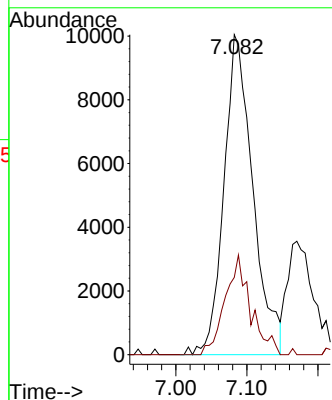
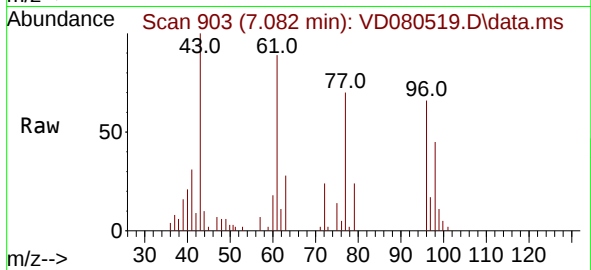
#25
2-Butanone
Concen: 22.534 ug/l
RT: 7.082 min Scan# 903
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2025

Tgt Ion: 43 Resp: 28428
Ion Ratio Lower Upper
43 100
72 24.1 22.8 34.2

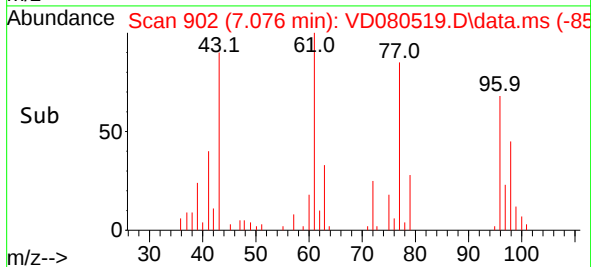
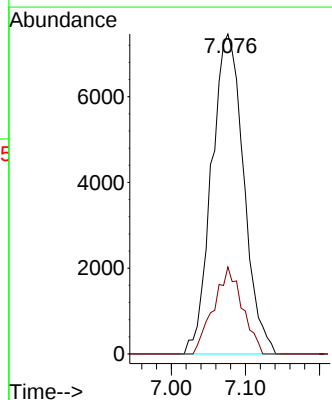
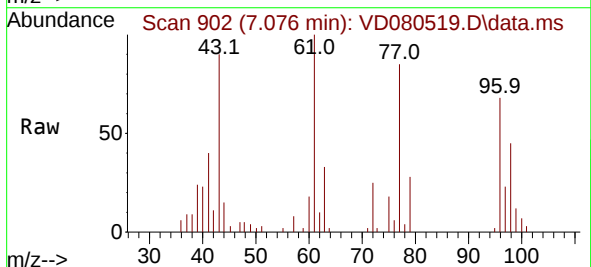
Manual Integrations
APPROVED

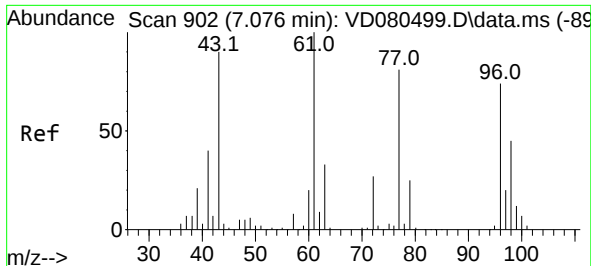
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#26
2,2-Dichloropropane
Concen: 3.715 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

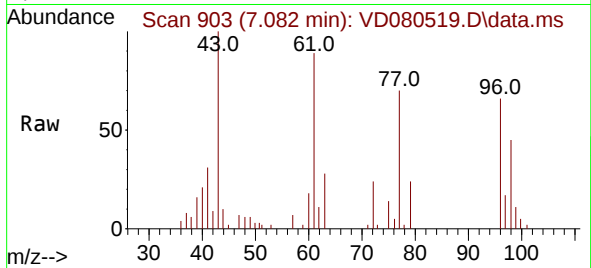
Tgt Ion: 77 Resp: 22400
Ion Ratio Lower Upper
77 100
97 24.3 12.4 37.0





#27
 cis-1,2-Dichloroethene
 Concen: 3.587 ug/l
 RT: 7.082 min Scan# 902
 Delta R.T. 0.006 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

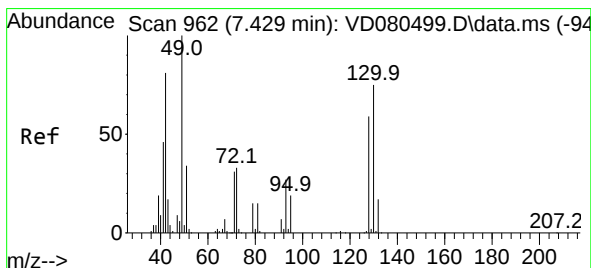
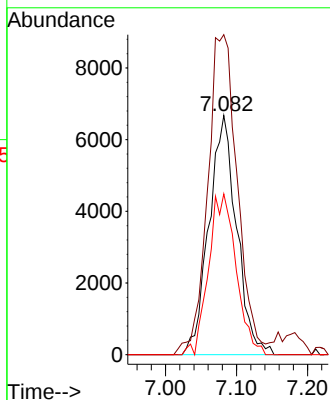
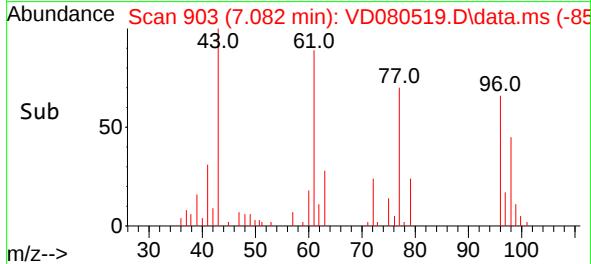
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2025



Tgt Ion: 96 Resp: 1805
 Ion Ratio Lower Upper
 96 100
 61 143.6 0.0 275.2
 98 67.0 0.0 128.8

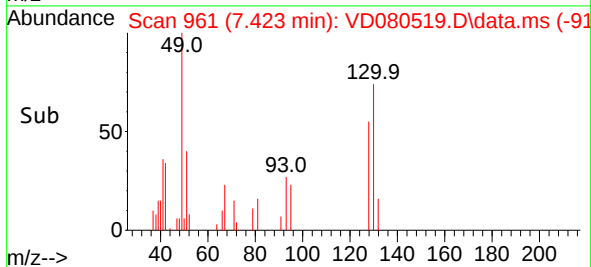
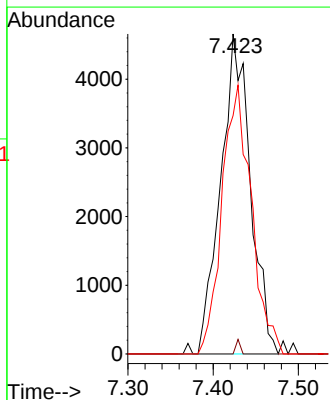
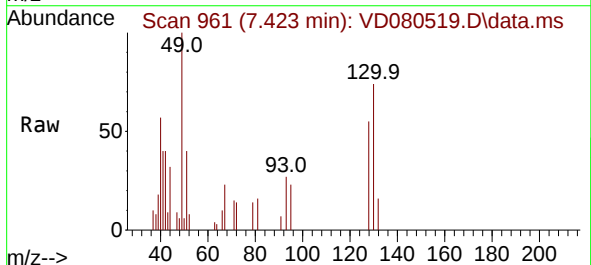
Manual Integrations
 APPROVED

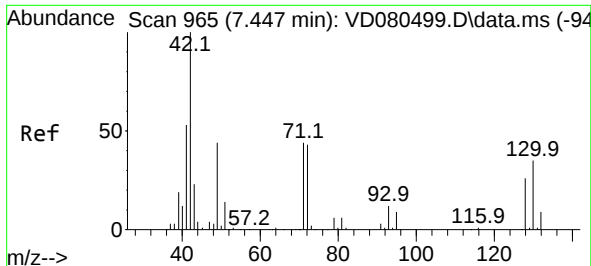
Reviewed By :Mahesh Dadoda 09/08/2025
 Supervised By :Semsettin Yesilyurt 09/08/2025



#28
 Bromochloromethane
 Concen: 3.655 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. -0.006 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

Tgt Ion: 49 Resp: 11344
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.0
 130 82.5 61.1 91.7





#29

Tetrahydrofuran

Concen: 19.095 ug/l

RT: 7.447 min Scan# 90

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

ClientSampleId :

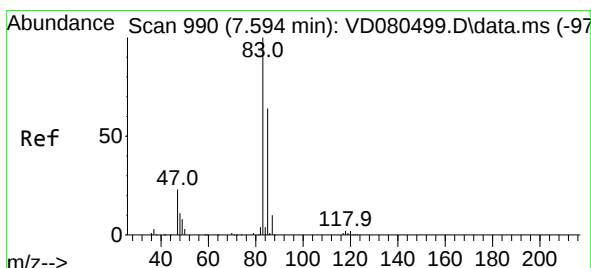
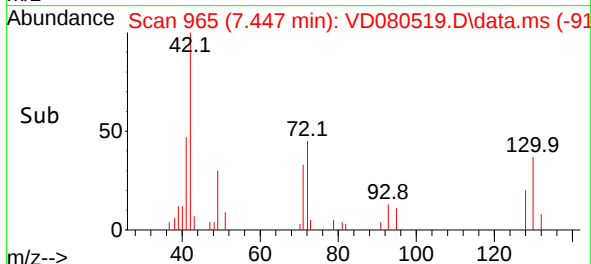
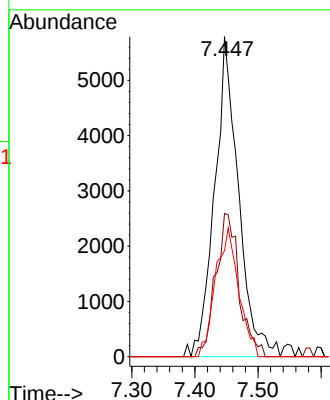
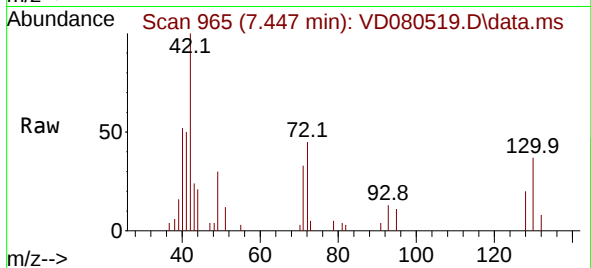
MDL-SOIL-03-QT3-2025

Tgt Ion:	42	Resp:	1522
Ion Ratio	Lower	Upper	
42	100		
72	43.8	34.7	52.1
71	39.1	32.9	49.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#30

Chloroform

Concen: 3.659 ug/l

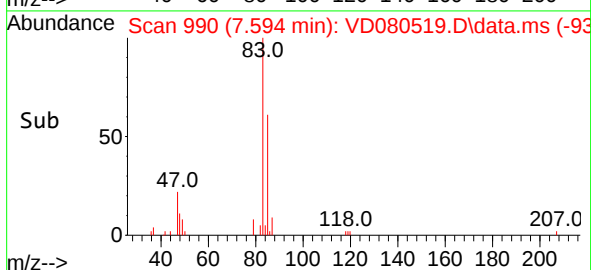
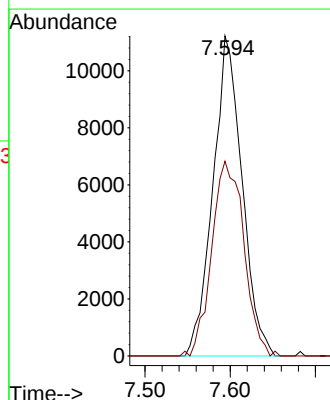
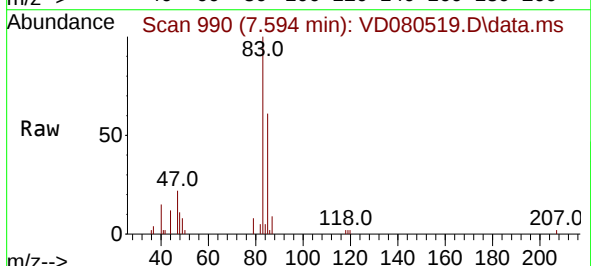
RT: 7.594 min Scan# 990

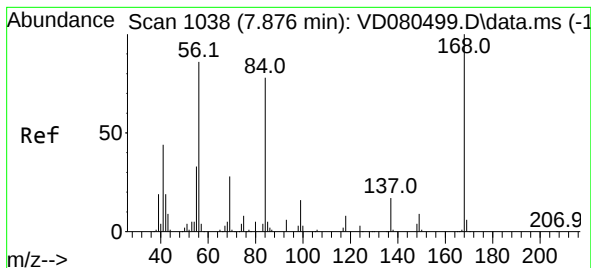
Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Tgt Ion:	83	Resp:	26648
Ion Ratio	Lower	Upper	
83	100		
85	60.8	51.2	76.8





#31

Cyclohexane

Concen: 4.157 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

ClientSampleId :

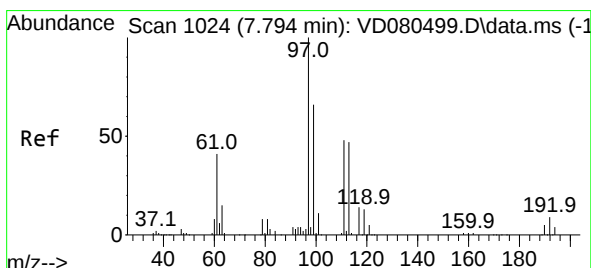
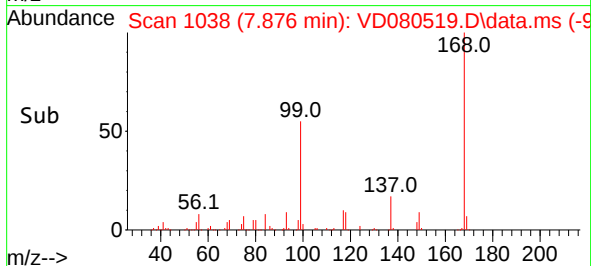
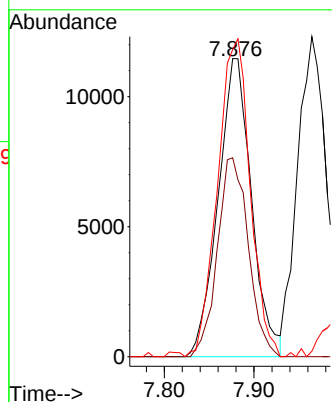
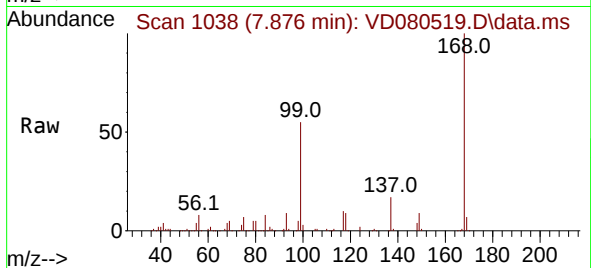
MDL-SOIL-03-QT3-2025

Tgt Ion:	56	Resp:	2963
Ion Ratio	Lower	Upper	
56	100		
69	66.7	26.0	39.0
84	103.0	72.6	108.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#32

1,1,1-Trichloroethane

Concen: 3.783 ug/l

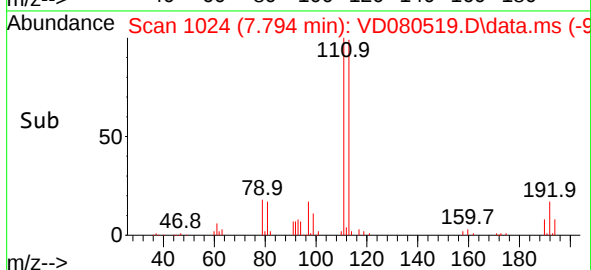
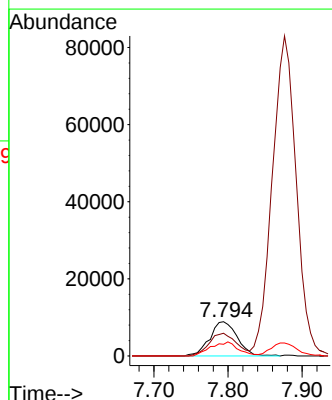
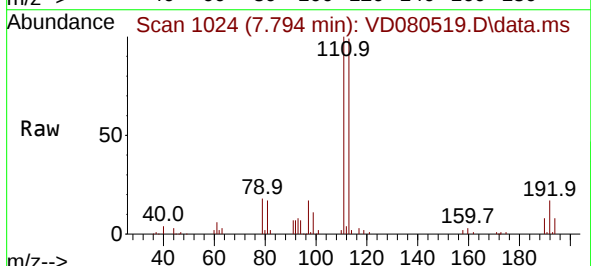
RT: 7.794 min Scan# 1024

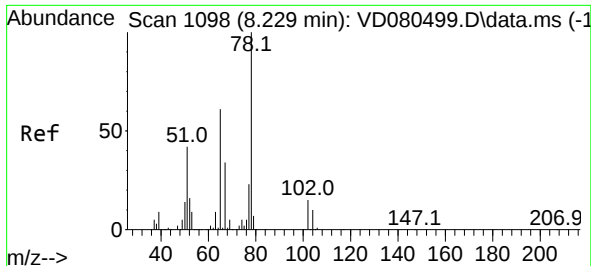
Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Tgt Ion:	97	Resp:	22941
Ion Ratio	Lower	Upper	
97	100		
99	66.4	51.0	76.4
61	41.2	33.6	50.4





#33

1,2-Dichloroethane-d4

Concen: 43.652 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VD080519.D

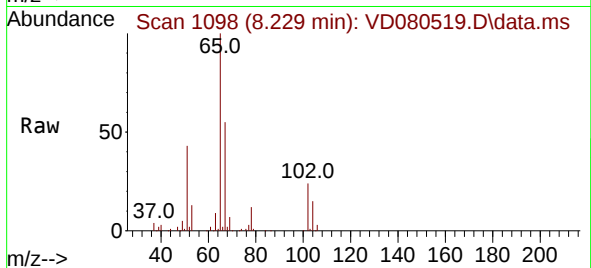
Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2025



Tgt Ion: 65 Resp: 16612

Ion Ratio Lower Upper

65 100

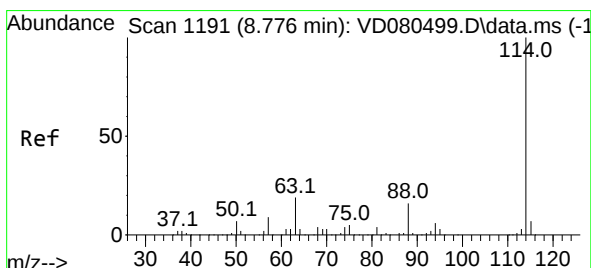
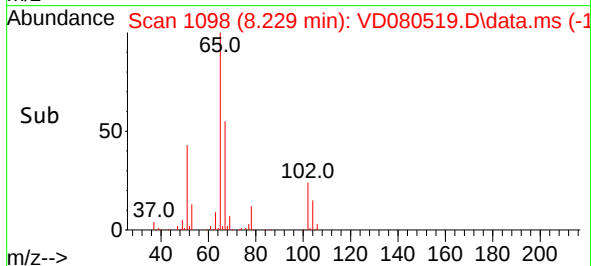
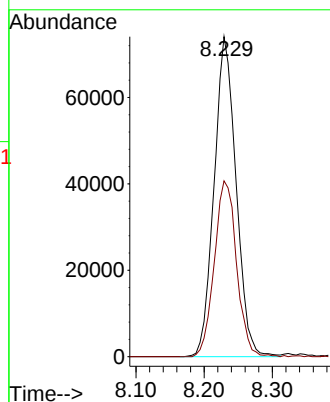
67 55.6 0.0 113.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/08/2025

Supervised By :Semsettin Yesilyurt 09/08/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

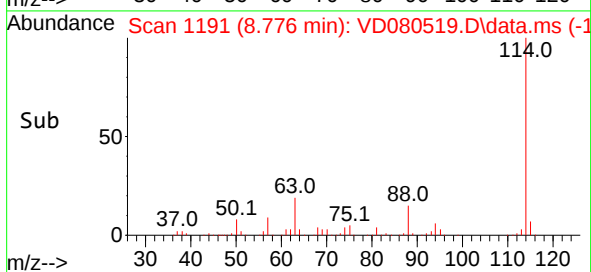
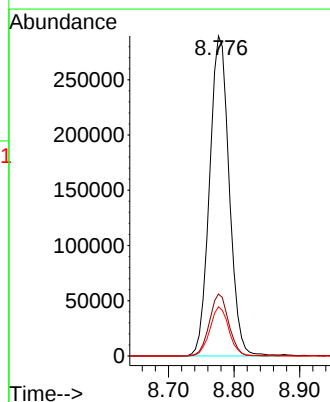
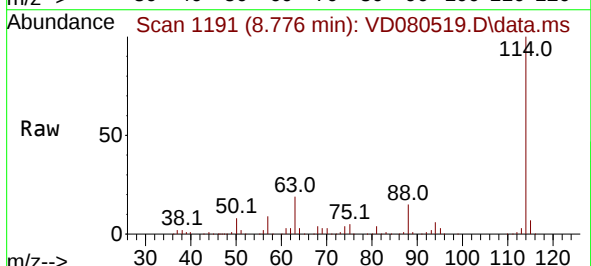
Tgt Ion:114 Resp: 601783

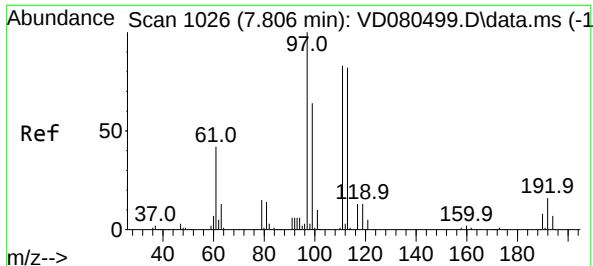
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

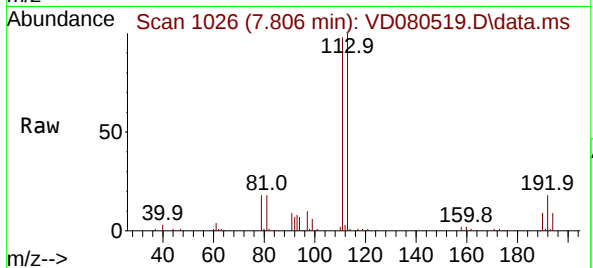
88 15.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 43.191 ug/l
RT: 7.806 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

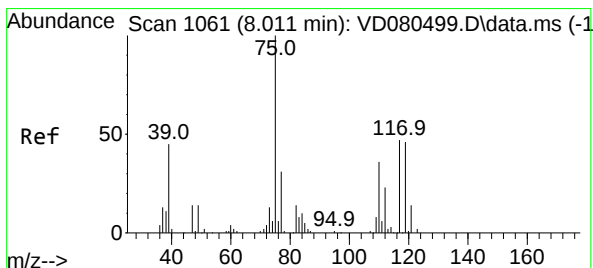
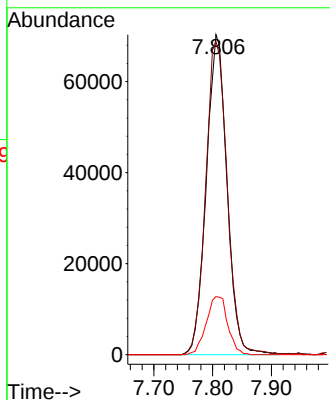
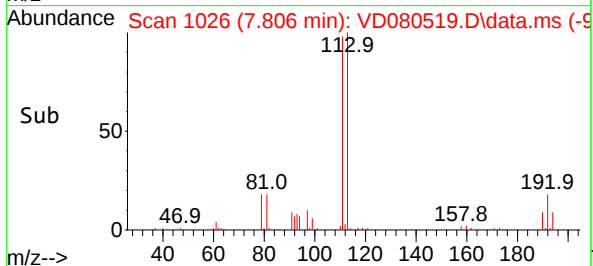
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2025



Tgt Ion: 113 Resp: 171999
Ion Ratio Lower Upper
113 100
111 101.5 82.0 123.0
192 18.8 14.9 22.3

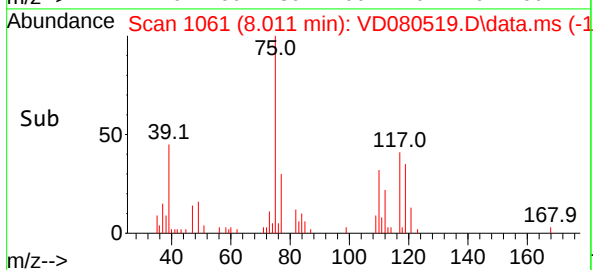
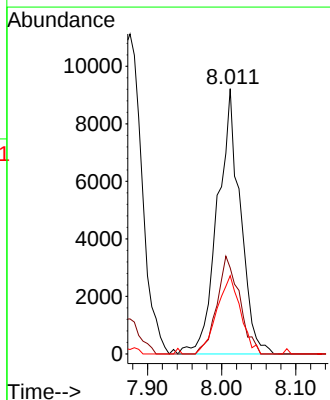
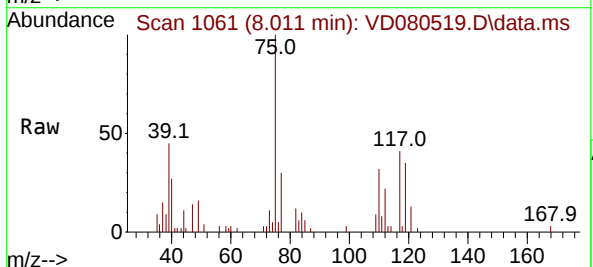
Manual Integrations
APPROVED

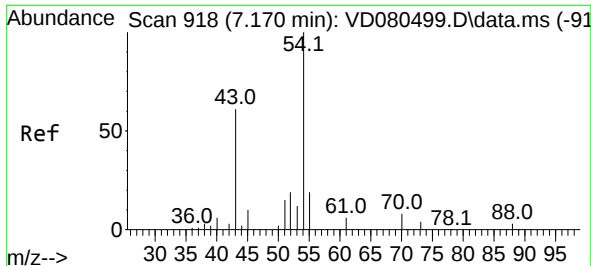
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#36
1,1-Dichloropropene
Concen: 3.741 ug/l
RT: 8.011 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

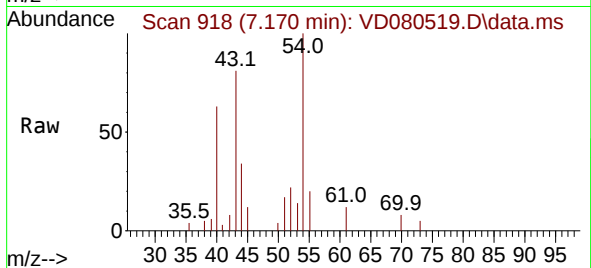
Tgt Ion: 75 Resp: 19729
Ion Ratio Lower Upper
75 100
110 36.4 18.1 54.1
77 30.5 25.7 38.5





#37
Ethyl Acetate
Concen: 3.985 ug/l m
RT: 7.170 min Scan# 918
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

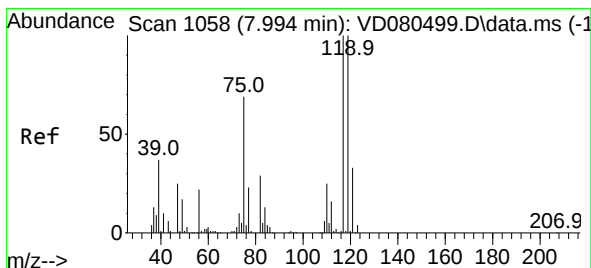
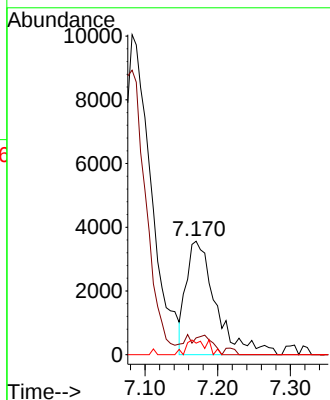
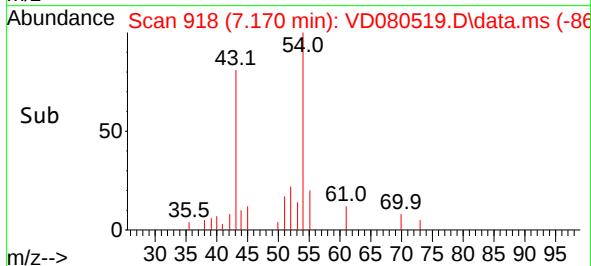
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



Tgt Ion: 43 Resp: 1010
Ion Ratio Lower Upper
43 100
61 7.7 11.8 17.8
70 9.2 9.0 13.4

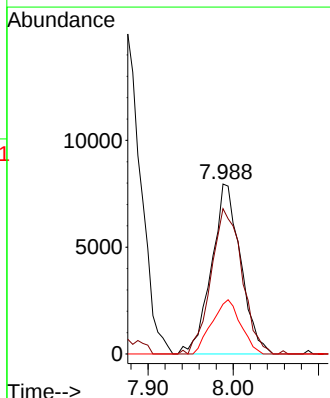
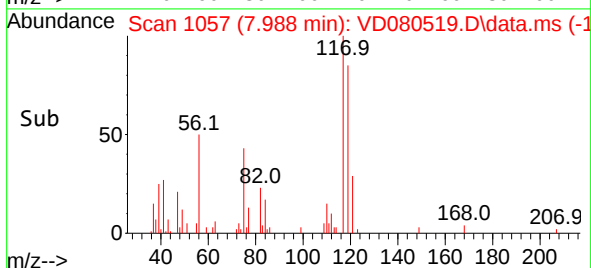
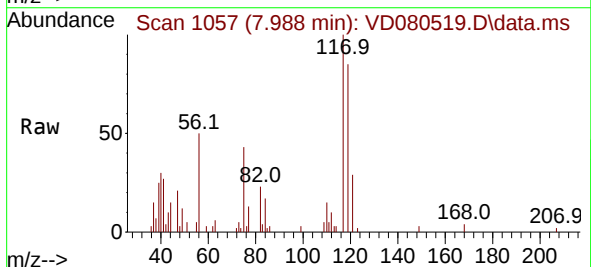
Manual Integrations
APPROVED

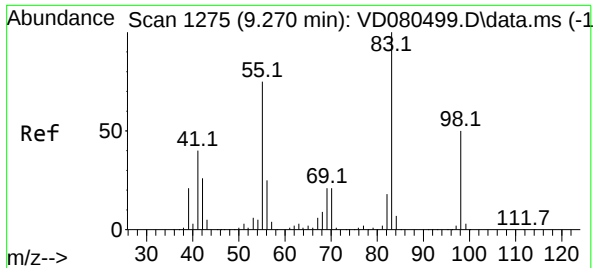
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#38
Carbon Tetrachloride
Concen: 3.768 ug/l
RT: 7.988 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion:117 Resp: 18914
Ion Ratio Lower Upper
117 100
119 85.5 80.2 120.2
121 29.2 26.8 40.2





#39

Methylcyclohexane

Concen: 3.555 ug/l

RT: 9.270 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

ClientSampleId :

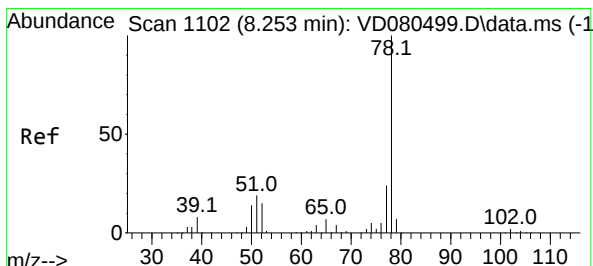
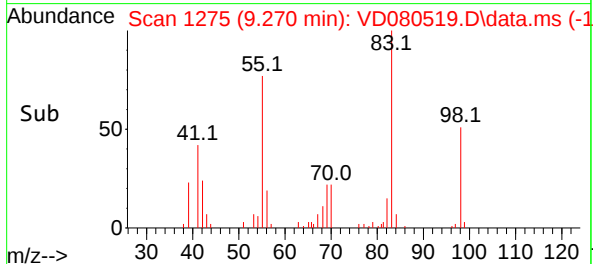
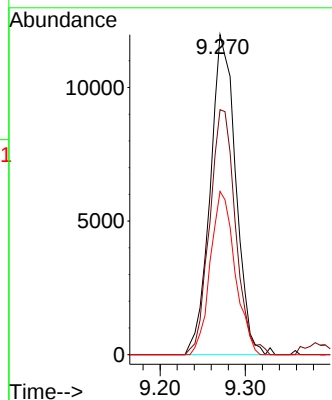
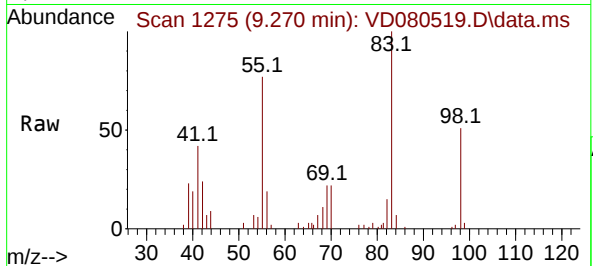
MDL-SOIL-03-QT3-2025

Tgt Ion: 83	Resp: 2495
Ion Ratio	Lower Upper
83	100
55	76.6 60.4 90.6
98	51.0 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#40

Benzene

Concen: 3.678 ug/l

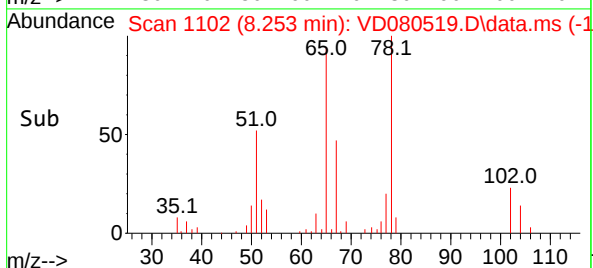
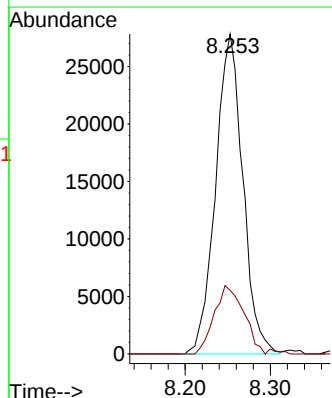
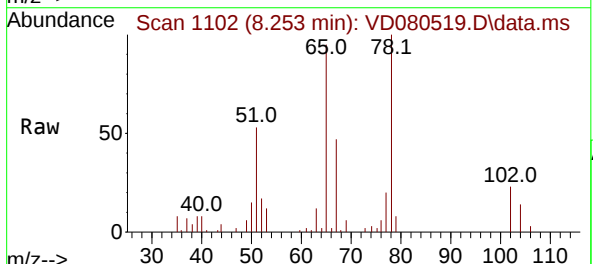
RT: 8.253 min Scan# 1102

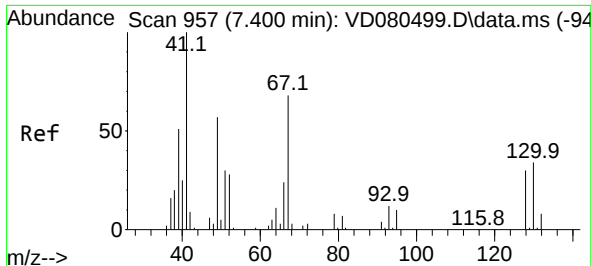
Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

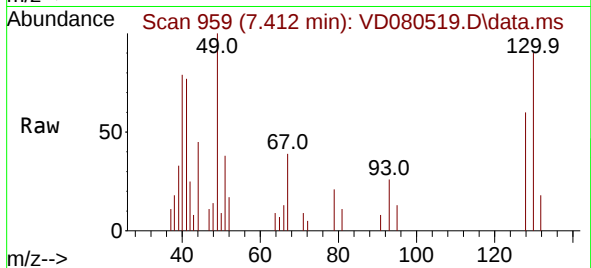
Tgt Ion: 78	Resp: 61736
Ion Ratio	Lower Upper
78	100
77	19.9 19.0 28.6





#41
Methacrylonitrile
Concen: 3.528 ug/l
RT: 7.412 min Scan# 959
Delta R.T. 0.012 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

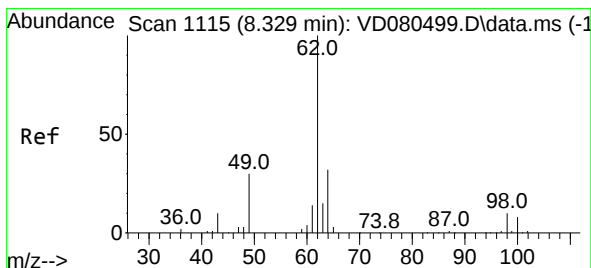
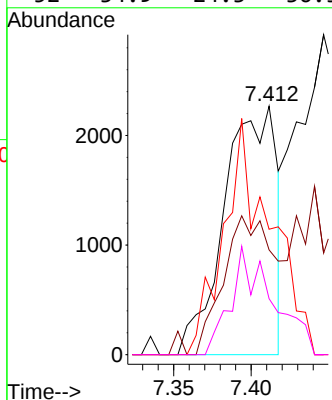
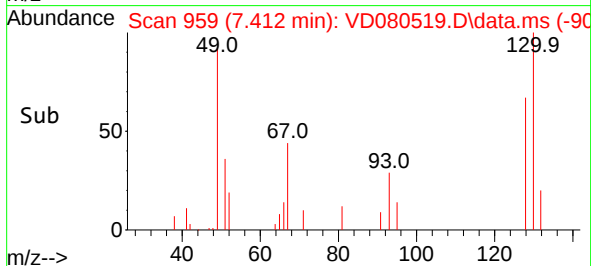
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



Tgt Ion: 41 Resp: 531
Ion Ratio Lower Upper
41 100
39 52.2 50.1 75.1
67 84.9 60.8 91.2
52 34.9 24.3 36.5

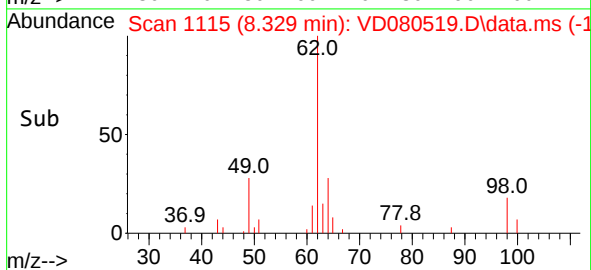
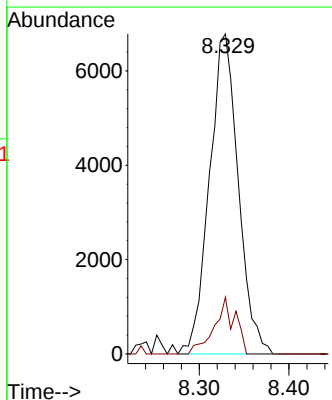
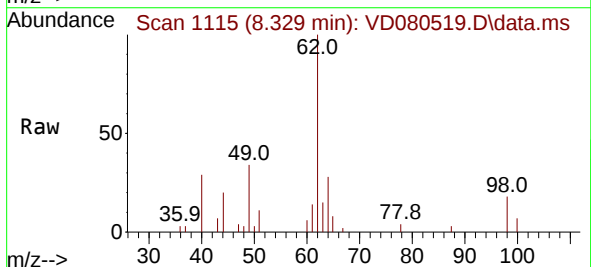
Manual Integrations
APPROVED

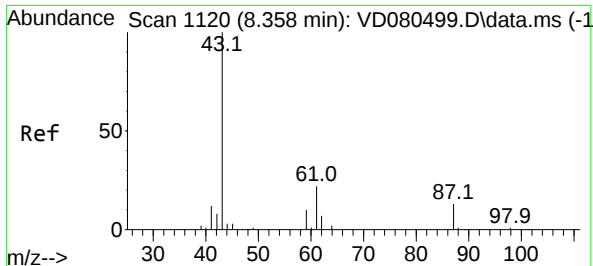
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#42
1,2-Dichloroethane
Concen: 3.729 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion: 62 Resp: 15159
Ion Ratio Lower Upper
62 100
98 12.8 0.0 22.0





#43

Isopropyl Acetate

Concen: 3.766 ug/l

RT: 8.359 min Scan# 1120

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

ClientSampleId :

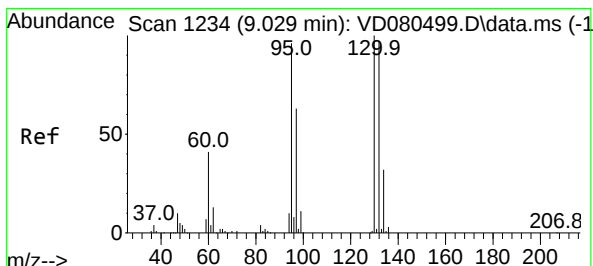
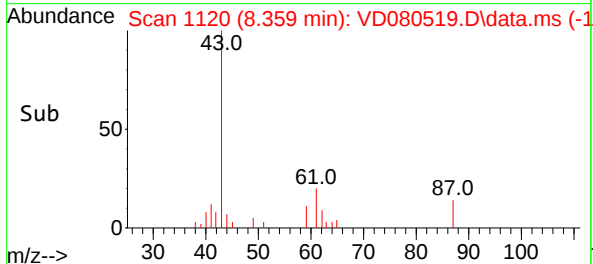
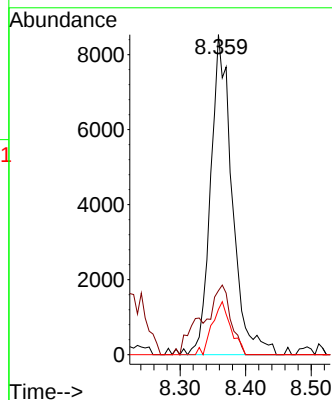
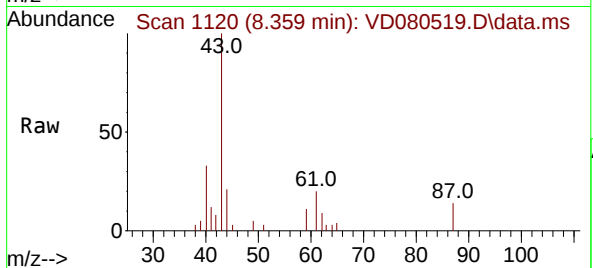
MDL-SOIL-03-QT3-2025

Tgt Ion: 43	Resp: 19430
Ion Ratio	Lower Upper
43	100
61	19.9 24.3 36.5
87	14.3 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#44

Trichloroethene

Concen: 3.747 ug/l

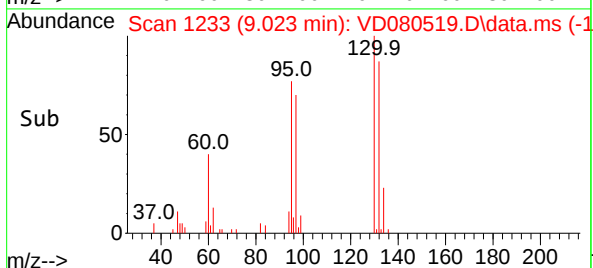
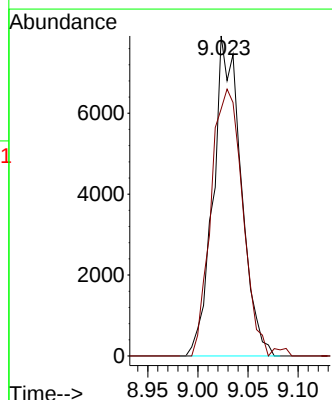
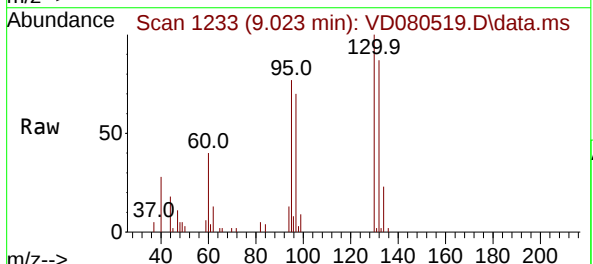
RT: 9.023 min Scan# 1233

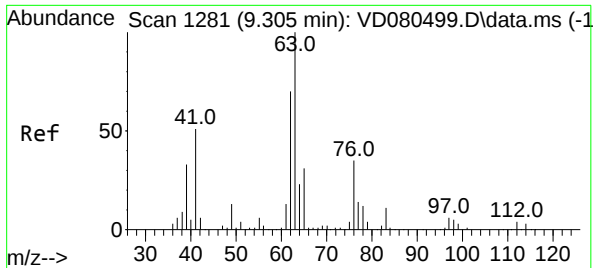
Delta R.T. -0.006 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Tgt Ion:130	Resp: 15258
Ion Ratio	Lower Upper
130	100
95	77.2 0.0 191.8





#45

1,2-Dichloropropane

Concen: 3.508 ug/l

RT: 9.306 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2025

Tgt Ion: 63 Resp: 1460

Ion Ratio Lower Upper

63 100

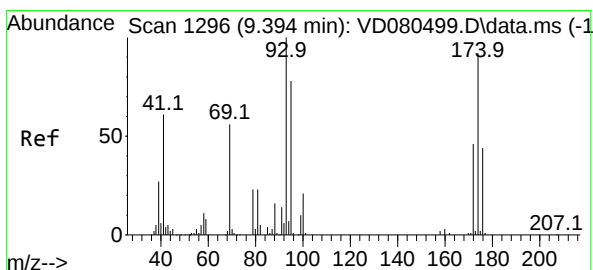
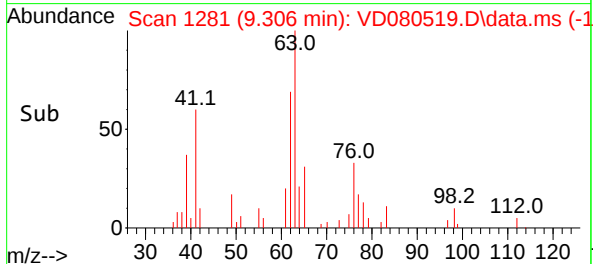
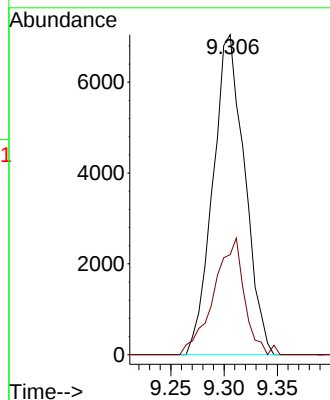
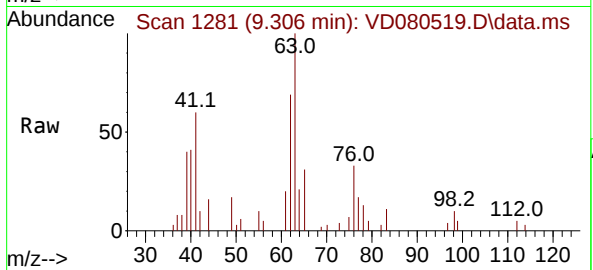
65 31.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/08/2025

Supervised By :Semsettin Yesilyurt 09/08/2025



#46

Dibromomethane

Concen: 3.766 ug/l

RT: 9.400 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

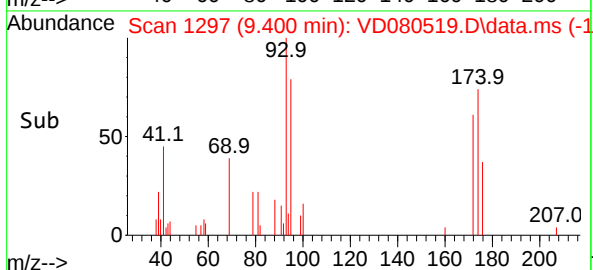
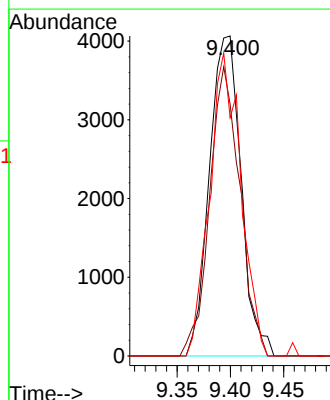
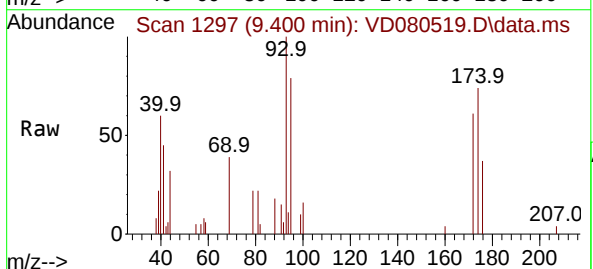
Tgt Ion: 93 Resp: 8397

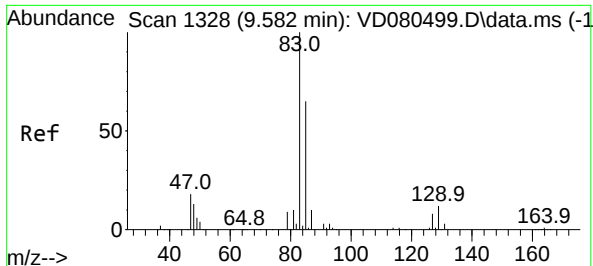
Ion Ratio Lower Upper

93 100

95 86.7 66.3 99.5

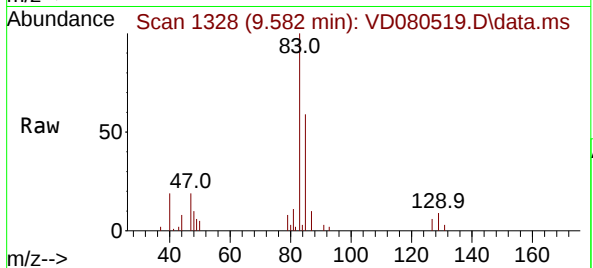
174 93.7 74.8 112.2





#47
Bromodichloromethane
Concen: 3.875 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

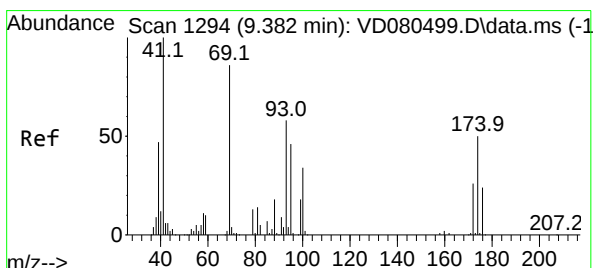
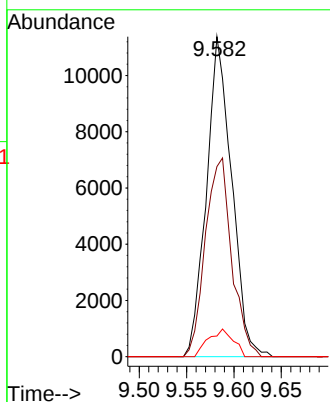
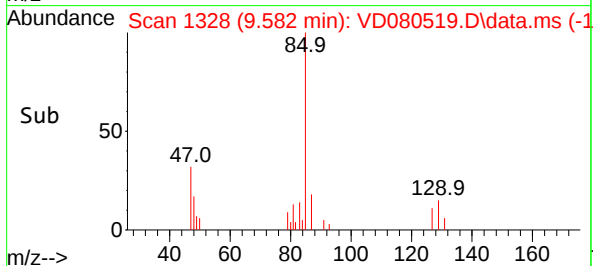
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



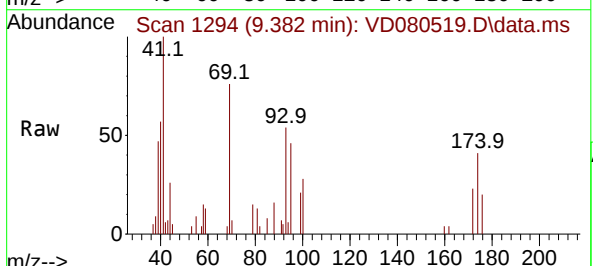
Tgt Ion: 83 Resp: 2106
Ion Ratio Lower Upper
83 100
85 59.4 52.2 78.2
127 6.5 6.6 9.8

Manual Integrations
APPROVED

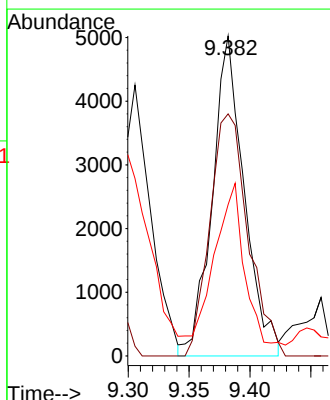
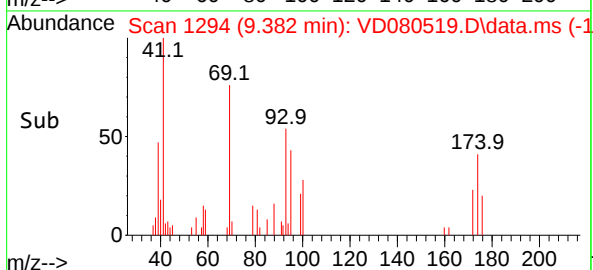
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025

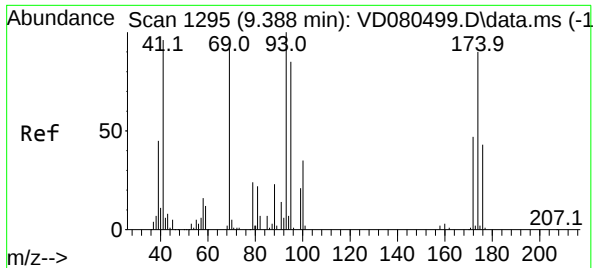


#48
Methyl methacrylate
Concen: 3.583 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55



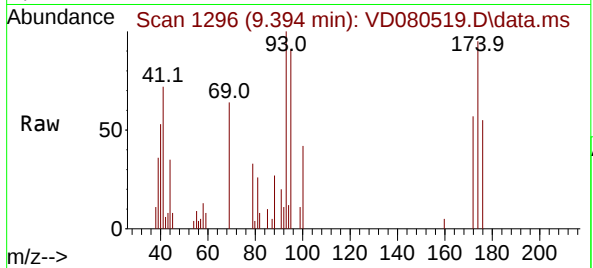
Tgt Ion: 41 Resp: 9164
Ion Ratio Lower Upper
41 100
69 90.7 68.7 103.1
39 47.6 36.5 54.7





#49
1,4-Dioxane
Concen: 79.258 ug/l
RT: 9.394 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

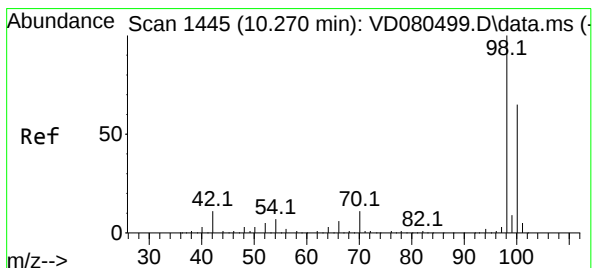
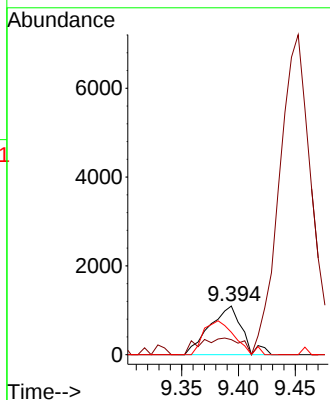
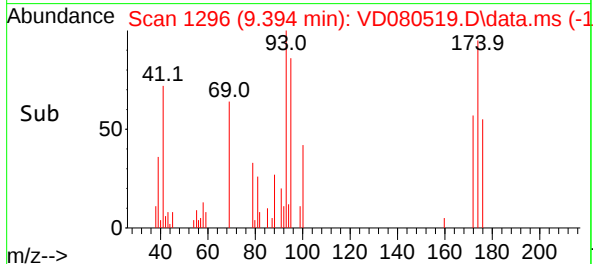
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



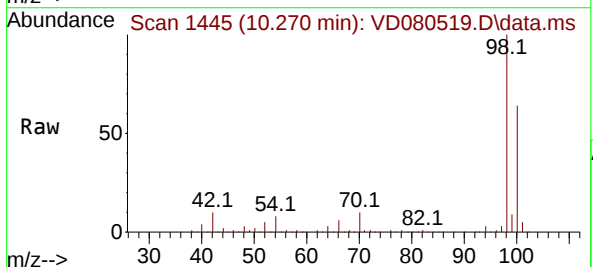
Tgt Ion: 88 Resp: 218
Ion Ratio Lower Upper
88 100
43 44.4 26.1 39.1
58 66.3 54.2 81.2

Manual Integrations
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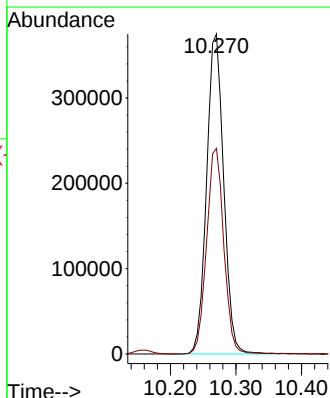
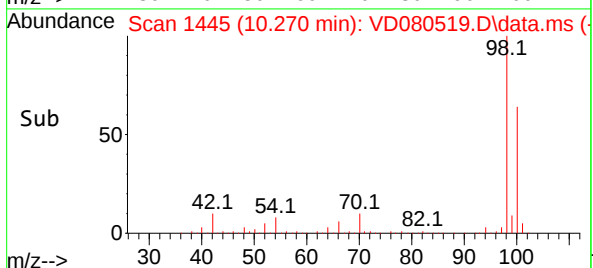
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025

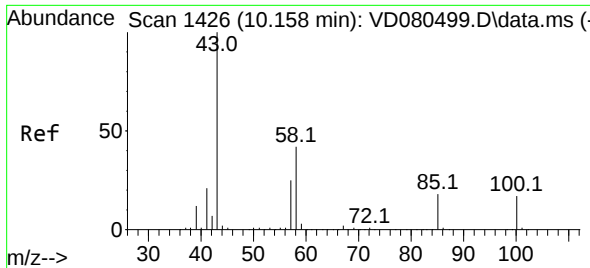


#50
Toluene-d8
Concen: 43.161 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55



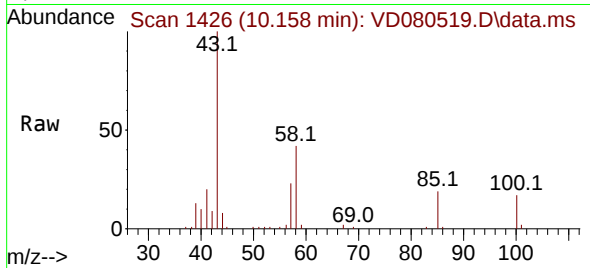
Tgt Ion: 98 Resp: 678495
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 18.994 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

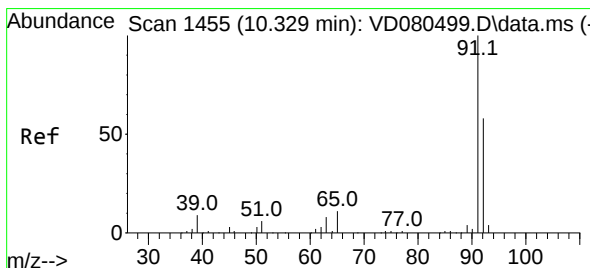
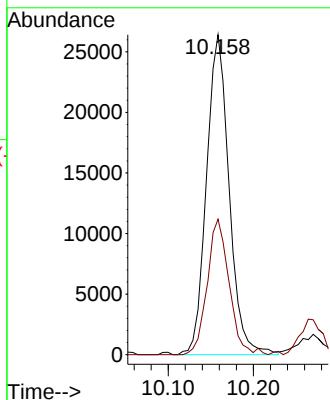
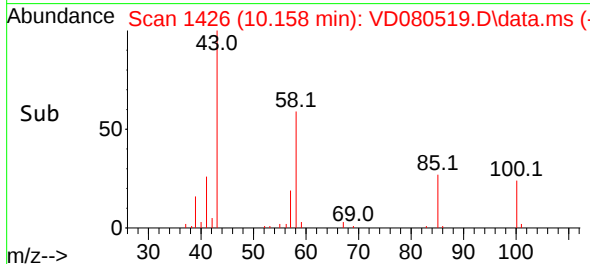
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



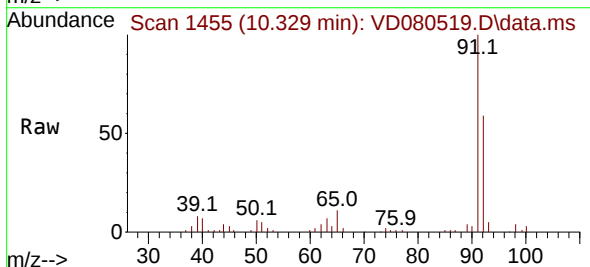
Tgt Ion: 43 Resp: 4887
Ion Ratio Lower Upper
43 100
58 40.8 32.8 49.2

Manual Integrations
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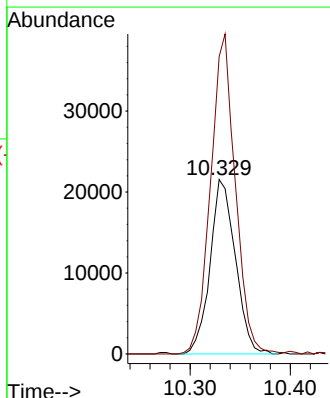
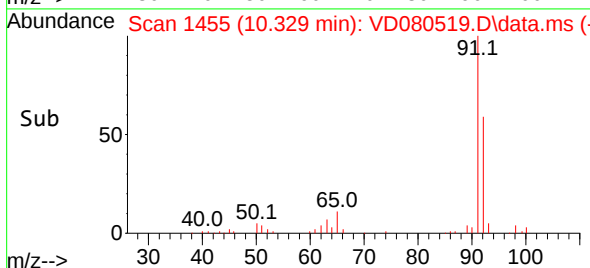
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025

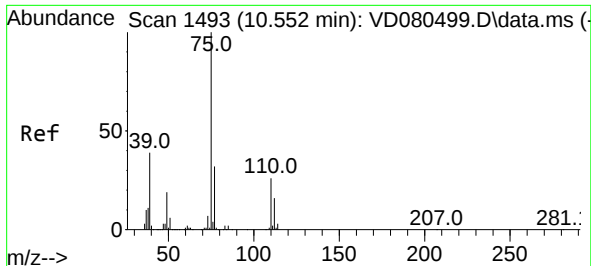


#52
Toluene
Concen: 3.609 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55



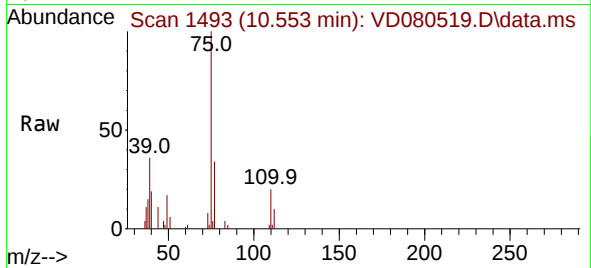
Tgt Ion: 92 Resp: 37771
Ion Ratio Lower Upper
92 100
91 179.2 138.8 208.2





#53
t-1,3-Dichloropropene
Concen: 3.567 ug/l
RT: 10.553 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

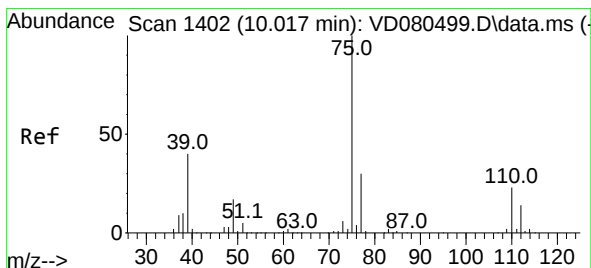
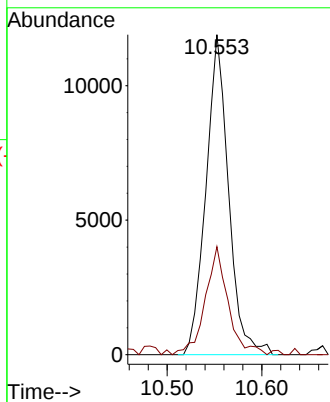
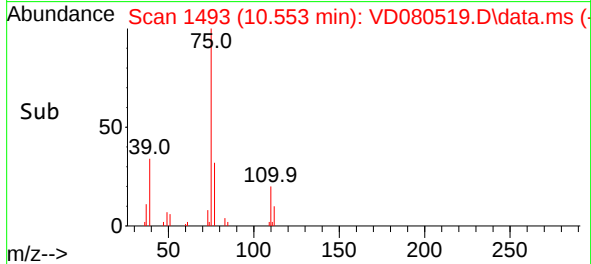
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2025



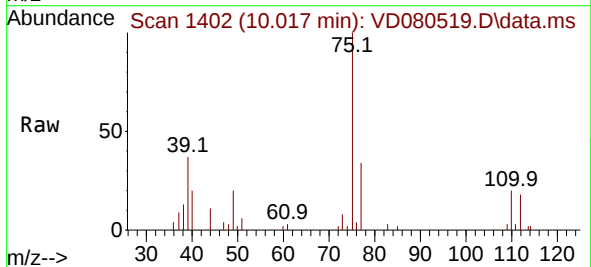
Tgt Ion: 75 Resp: 19762
Ion Ratio Lower Upper
75 100
77 32.5 25.9 38.9

Manual Integrations
APPROVED

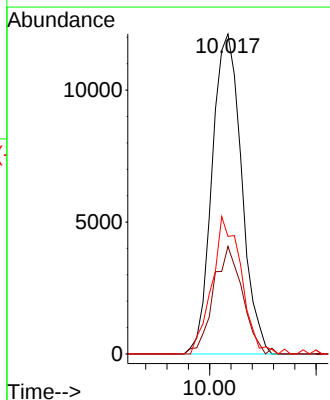
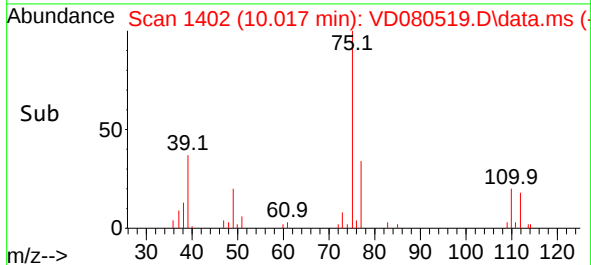
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025

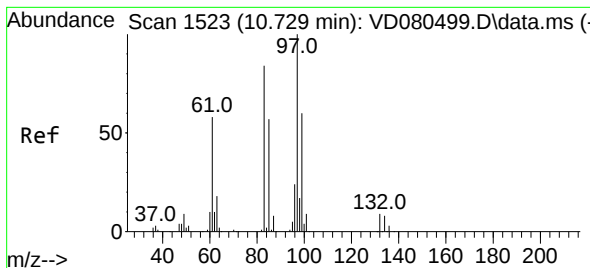


#54
cis-1,3-Dichloropropene
Concen: 3.516 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55



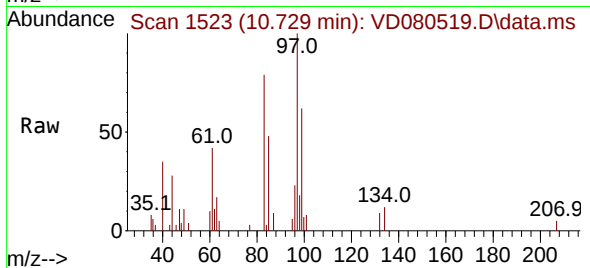
Tgt Ion: 75 Resp: 23297
Ion Ratio Lower Upper
75 100
77 33.6 24.2 36.4
39 36.7 31.8 47.6





#55
1,1,2-Trichloroethane
Concen: 3.724 ug/l
RT: 10.729 min Scan# 11134
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

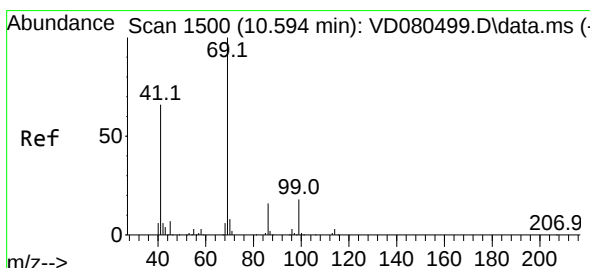
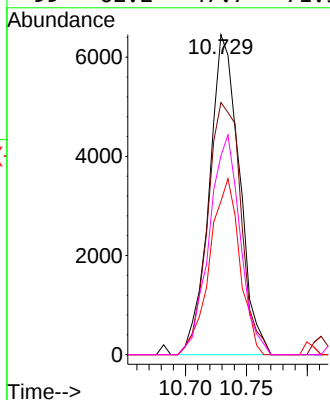
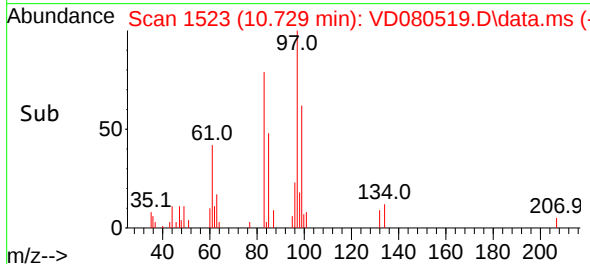
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2025



Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.8	67.0	100.6
85	47.9	45.6	68.4
99	62.2	47.7	71.5

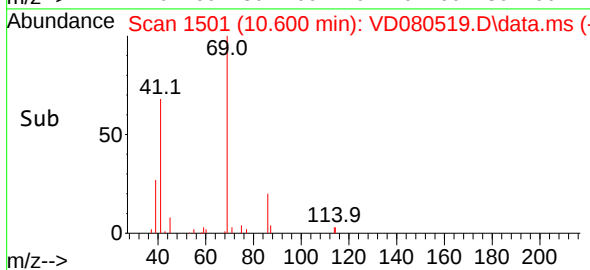
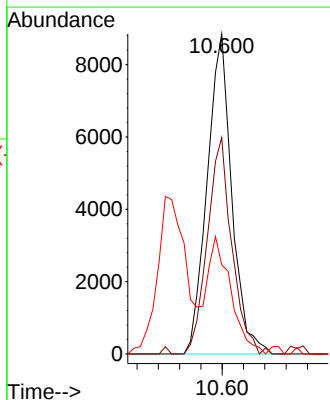
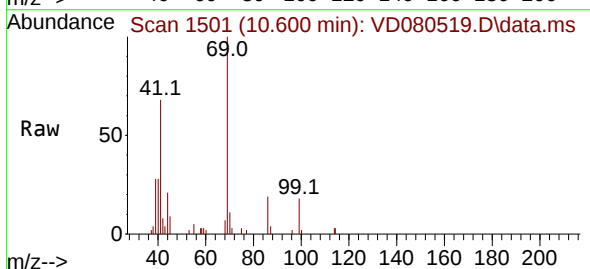
Manual Integrations
APPROVED

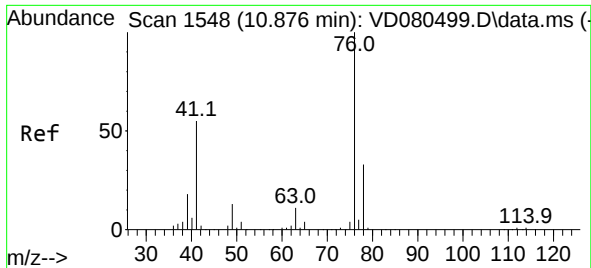
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#56
Ethyl methacrylate
Concen: 3.406 ug/l
RT: 10.600 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.2	51.9	77.9
39	36.2	23.6	35.4





#57

1,3-Dichloropropane

Concen: 3.640 ug/l

RT: 10.882 min Scan# 1549

Delta R.T. 0.006 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2025

Tgt Ion: 76 Resp: 1909

Ion Ratio Lower Upper

76 100

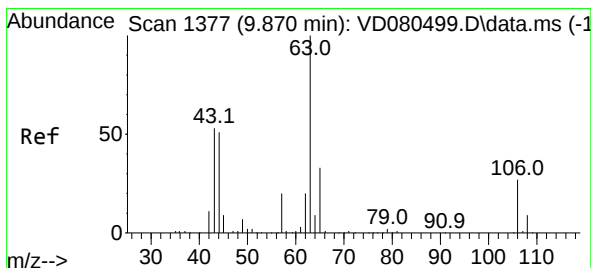
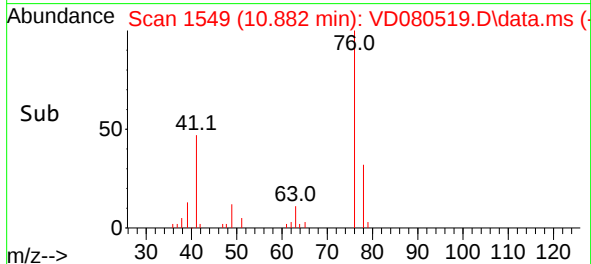
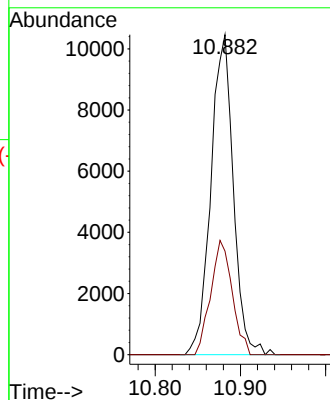
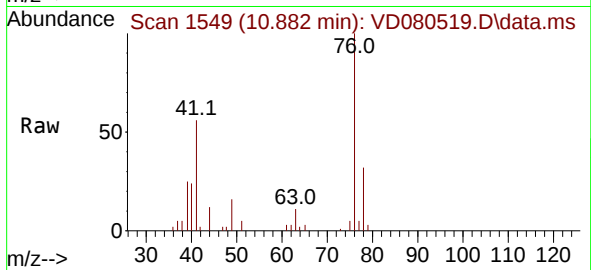
78 34.2 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/08/2025

Supervised By :Semsettin Yesilyurt 09/08/2025



#58

2-Chloroethyl Vinyl ether

Concen: 18.146 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080519.D

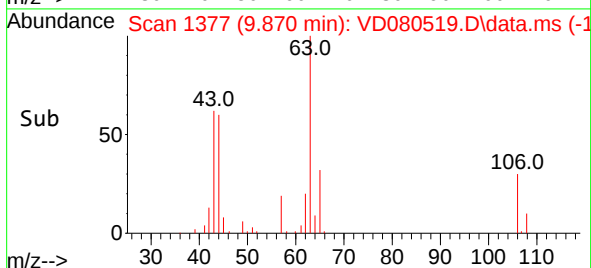
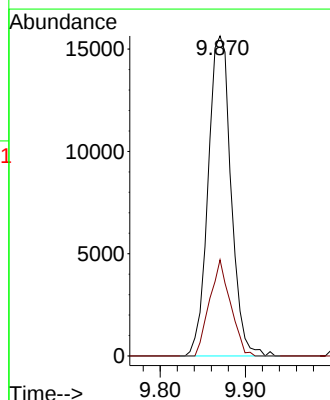
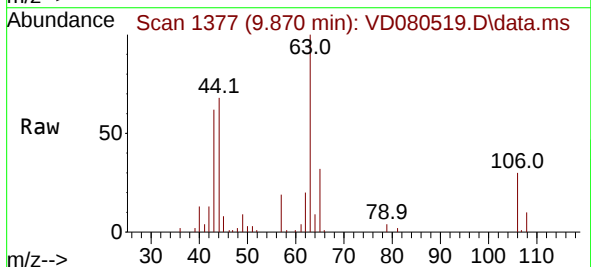
Acq: 05 Sep 2025 11:55

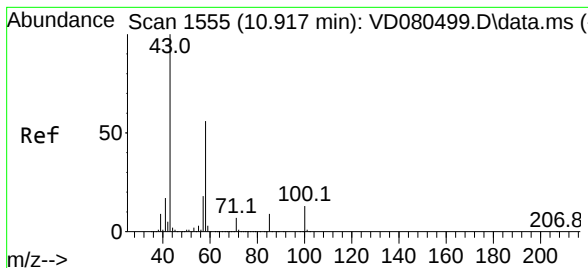
Tgt Ion: 63 Resp: 29251

Ion Ratio Lower Upper

63 100

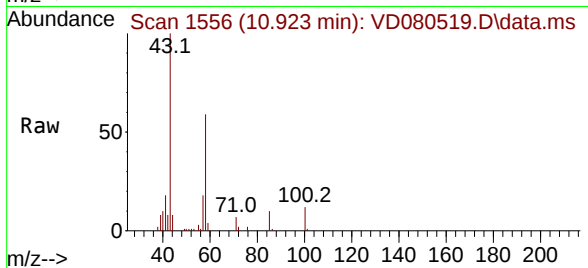
106 27.5 22.1 33.1





#59
2-Hexanone
Concen: 20.609 ug/l
RT: 10.923 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

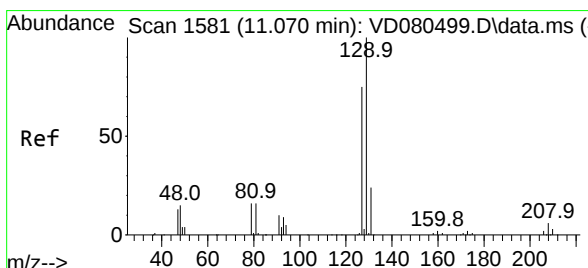
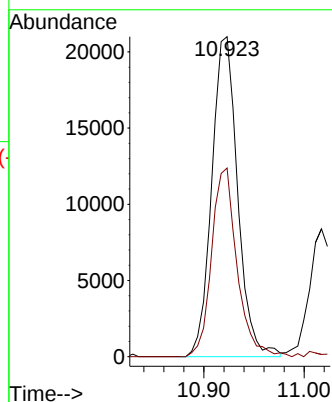
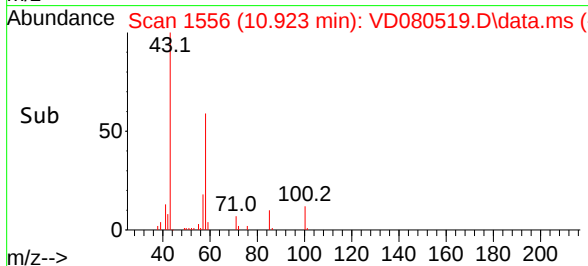
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2025



Tgt Ion: 43 Resp: 37680
Ion Ratio Lower Upper
43 100
58 57.9 28.3 85.0

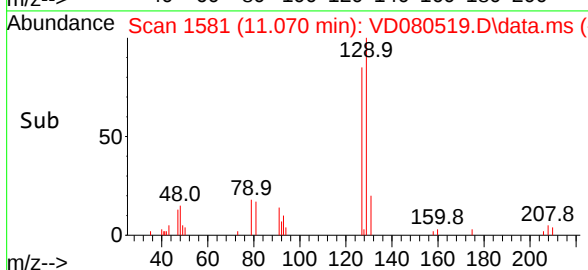
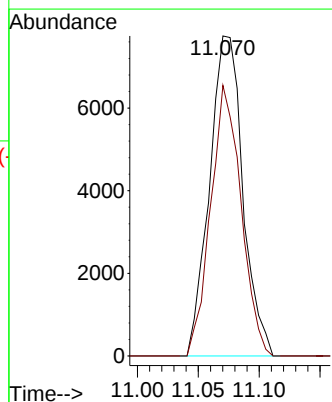
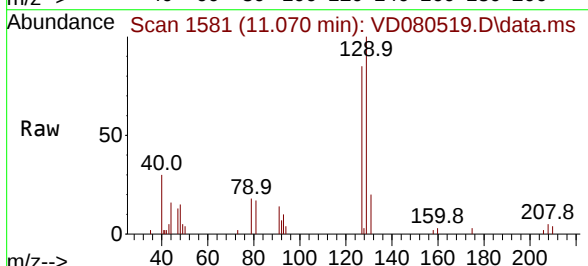
Manual Integrations
APPROVED

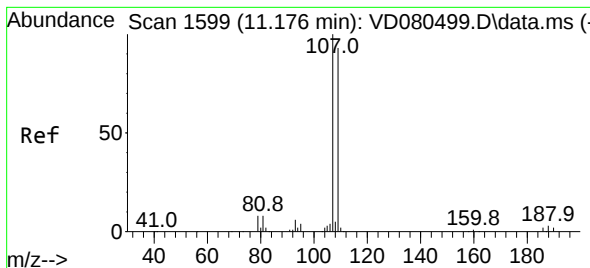
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#60
Dibromochloromethane
Concen: 3.913 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion:129 Resp: 14743
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7





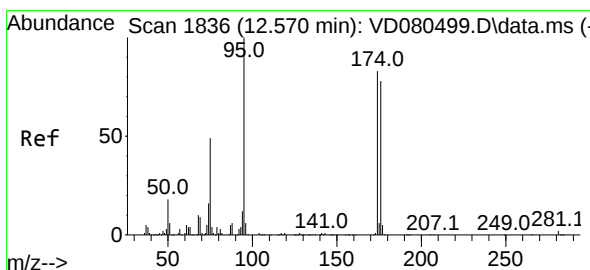
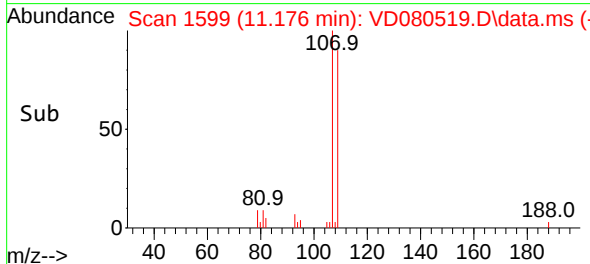
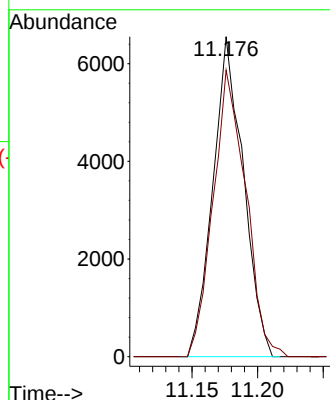
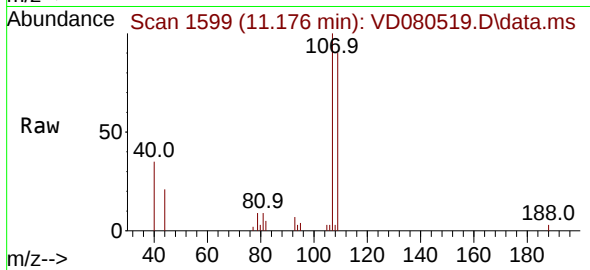
#61
1,2-Dibromoethane
Concen: 3.719 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Instrument : MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2025

Tgt Ion:107 Resp: 1058
Ion Ratio Lower Upper
107 100
109 95.7 74.9 112.3

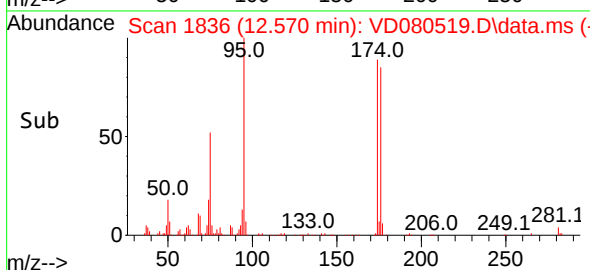
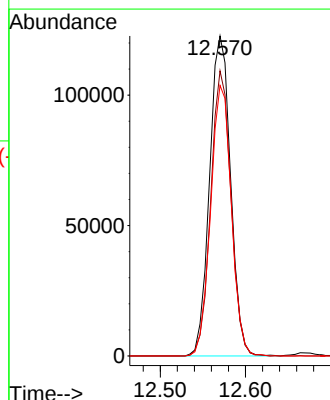
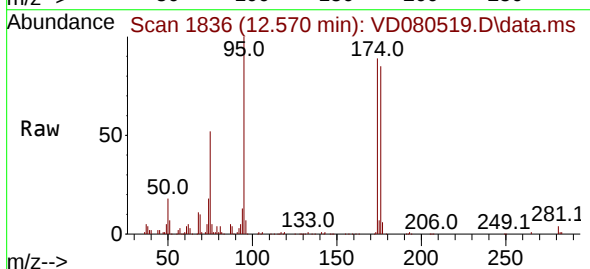
Manual Integrations
APPROVED

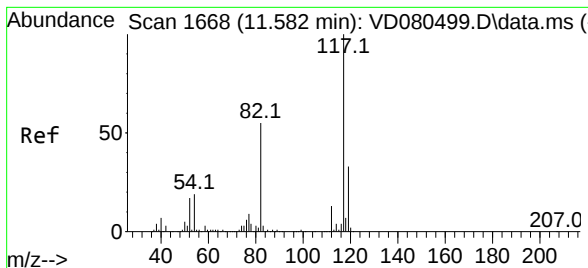
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#62
4-Bromofluorobenzene
Concen: 40.979 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion: 95 Resp: 209802
Ion Ratio Lower Upper
95 100
174 85.9 0.0 162.6
176 83.4 0.0 156.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.576 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

ClientSampleId :

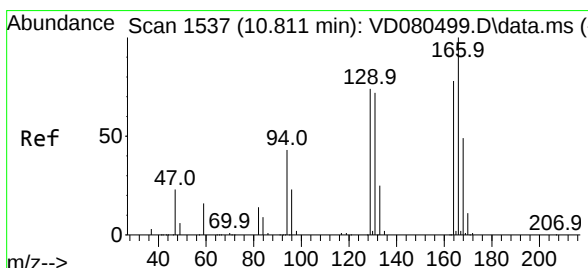
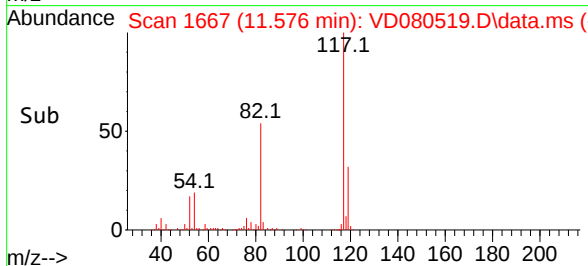
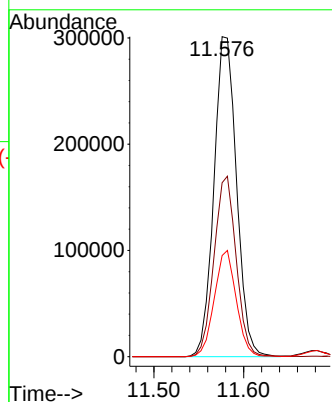
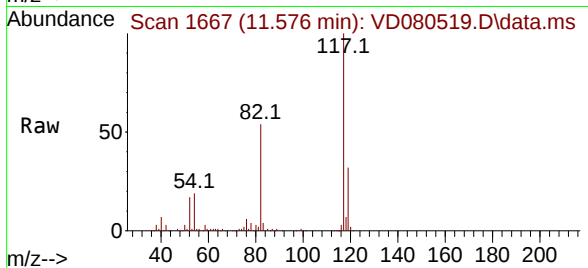
MDL-SOIL-03-QT3-2025

Tgt Ion:	117	Resp:	52766
Ion Ratio	Lower	Upper	
117	100		
82	54.4	43.8	65.6
119	31.6	26.1	39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#64

Tetrachloroethene

Concen: 3.841 ug/l

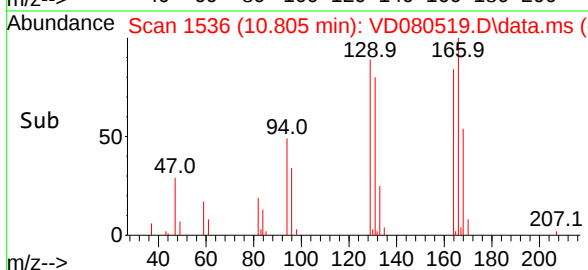
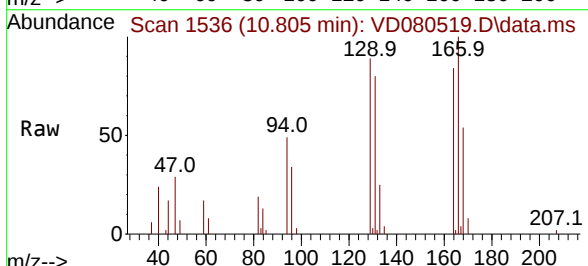
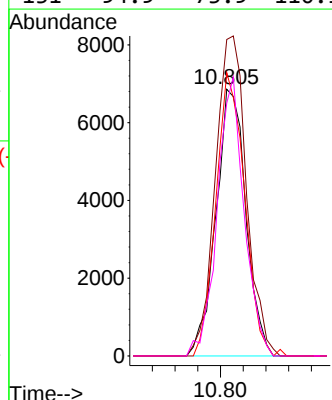
RT: 10.805 min Scan# 1536

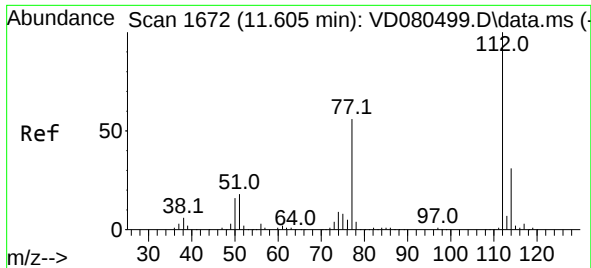
Delta R.T. -0.006 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

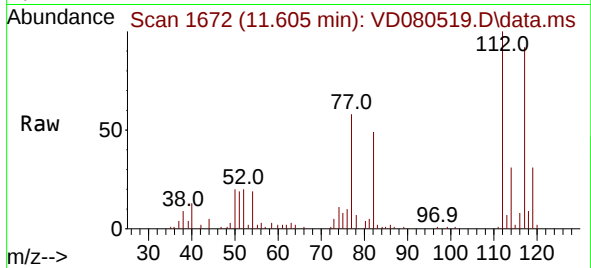
Tgt Ion:	164	Resp:	12515
Ion Ratio	Lower	Upper	
164	100		
166	118.7	103.1	154.7
129	106.2	76.2	114.2
131	94.9	73.9	110.9





#65
Chlorobenzene
Concen: 3.872 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

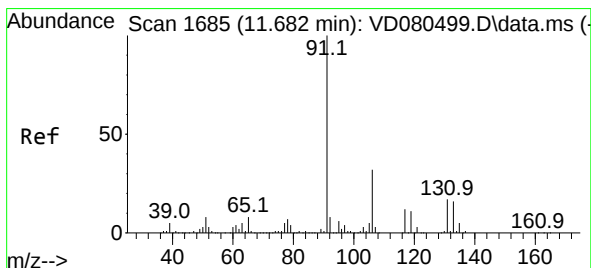
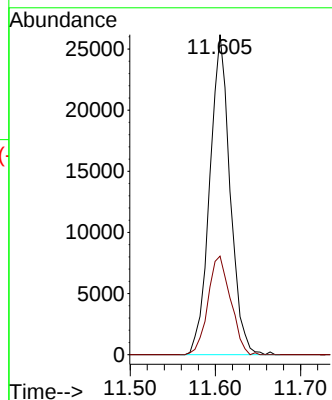
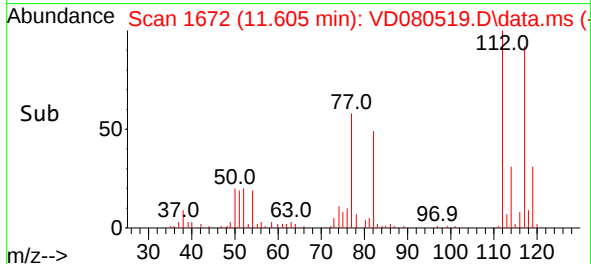
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



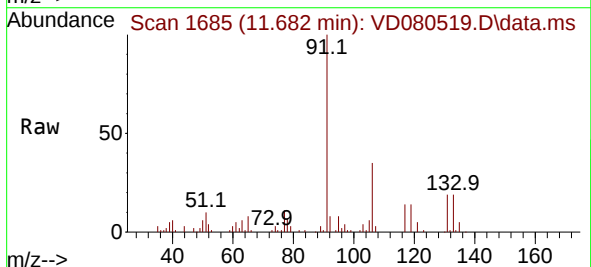
Tgt Ion:112 Resp: 4354
Ion Ratio Lower Upper
112 100
114 30.8 24.9 37.3

Manual Integrations
APPROVED

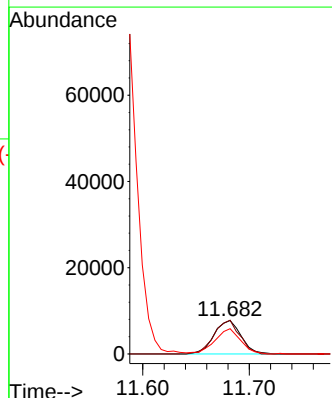
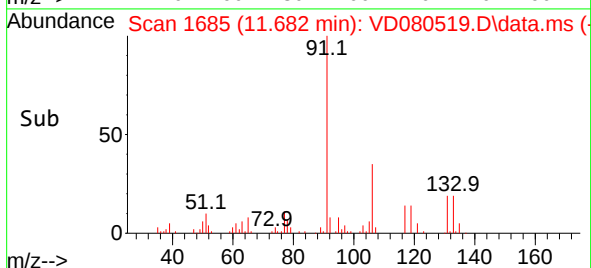
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025

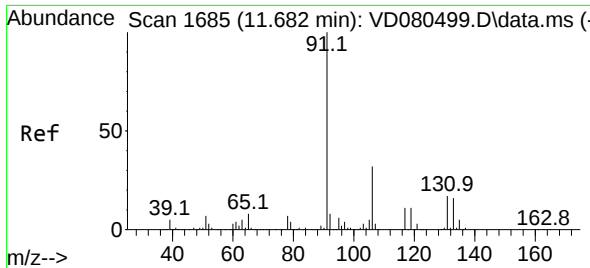


#66
1,1,1,2-Tetrachloroethane
Concen: 3.798 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55



Tgt Ion:131 Resp: 13621
Ion Ratio Lower Upper
131 100
133 96.5 47.8 143.3
119 72.2 34.6 103.9





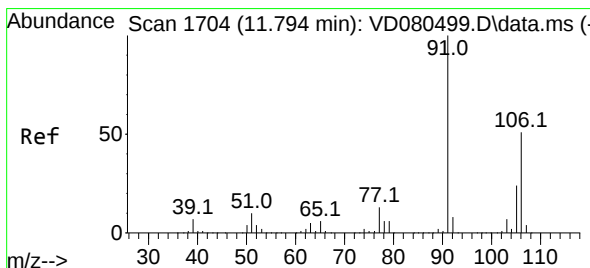
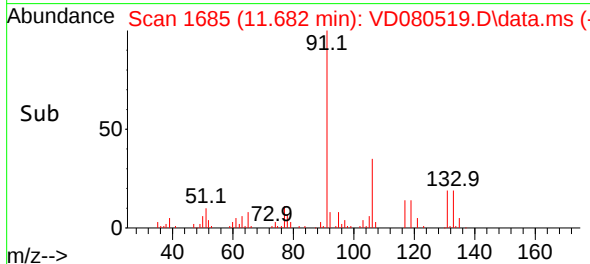
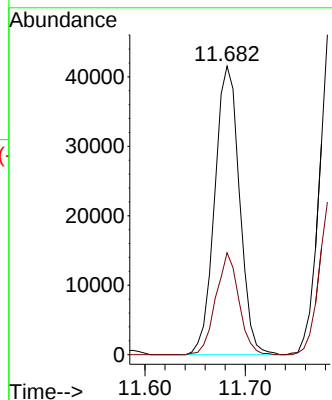
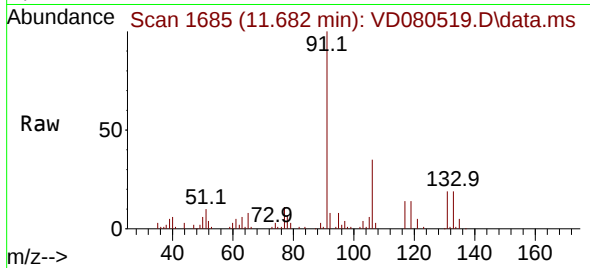
#67
Ethyl Benzene
Concen: 3.669 ug/l
RT: 11.682 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2025

Tgt Ion: 91 Resp: 7141
Ion Ratio Lower Upper
91 100
106 35.3 25.4 38.0

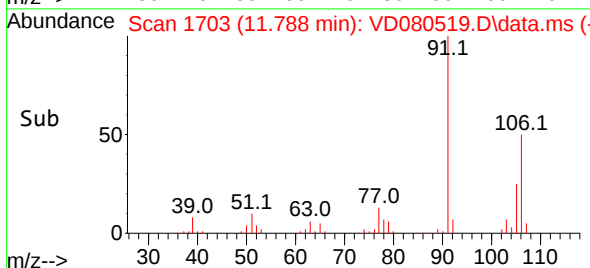
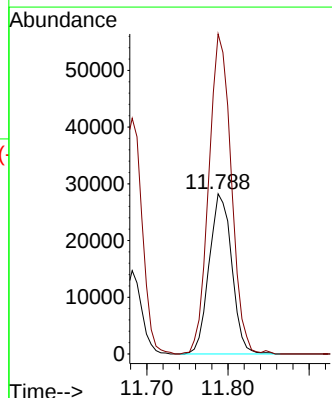
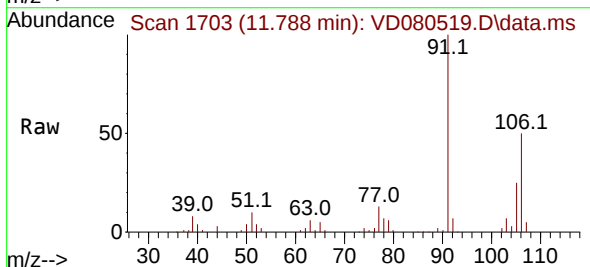
Manual Integrations
APPROVED

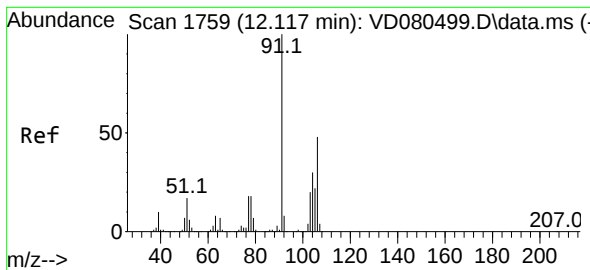
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#68
m/p-Xylenes
Concen: 7.293 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion:106 Resp: 54655
Ion Ratio Lower Upper
106 100
91 198.2 158.5 237.7





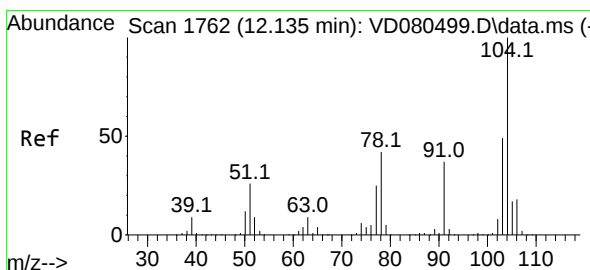
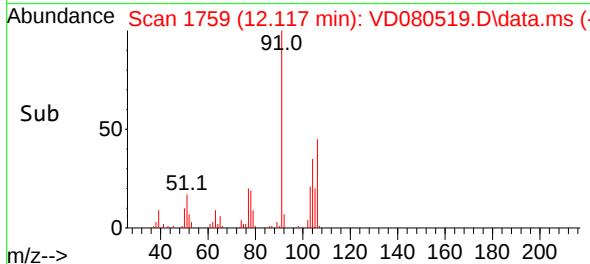
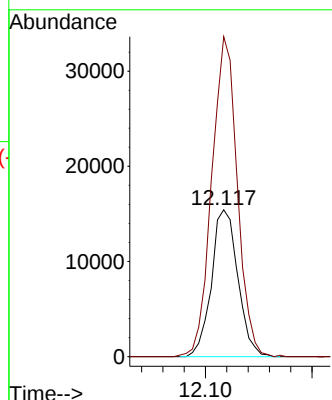
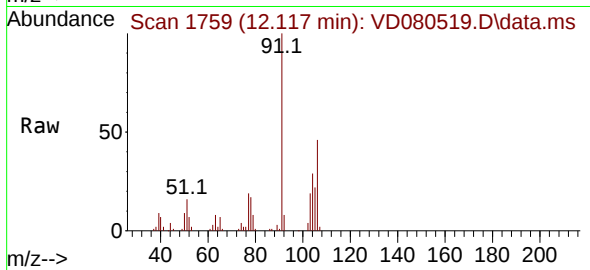
#69
o-Xylene
Concen: 3.705 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2025

Tgt Ion:106 Resp: 26490
Ion Ratio Lower Upper
106 100
91 211.1 105.3 315.8

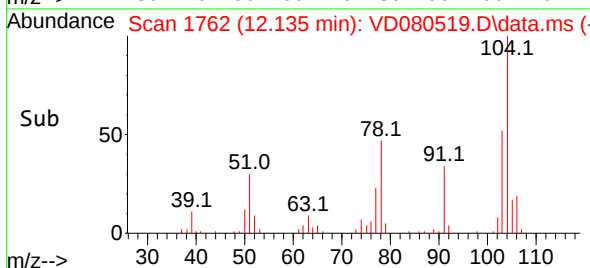
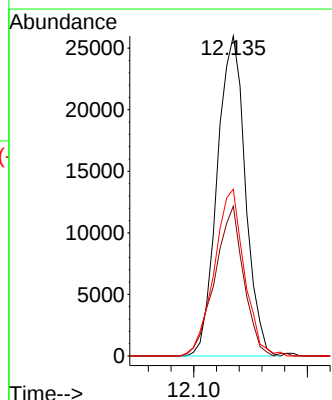
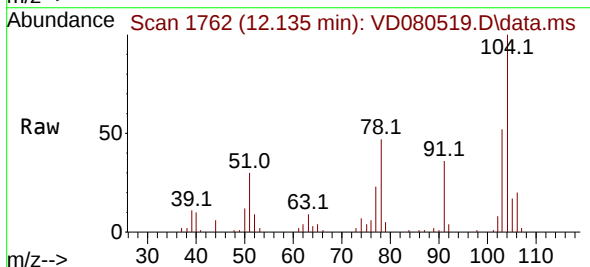
Manual Integrations
APPROVED

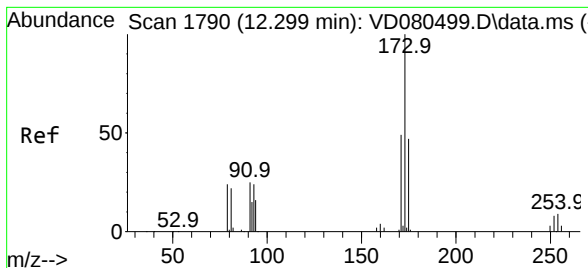
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#70
Styrene
Concen: 3.675 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

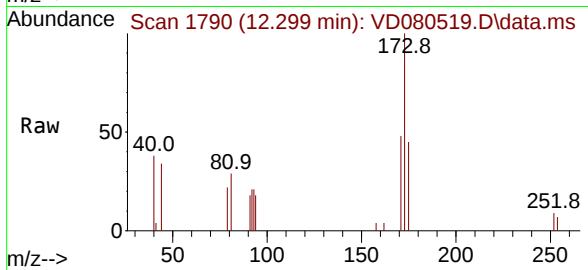
Tgt Ion:104 Resp: 44704
Ion Ratio Lower Upper
104 100
78 47.7 37.9 56.9
103 55.5 43.5 65.3





#71
Bromoform
Concen: 4.217 ug/l
RT: 12.299 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

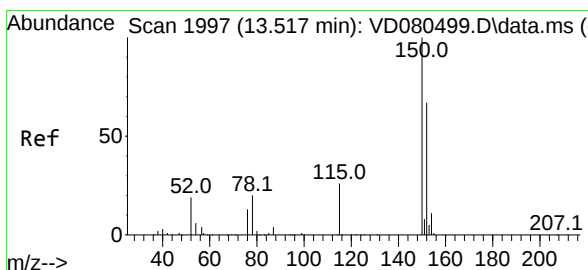
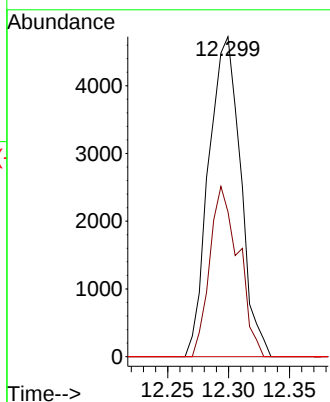
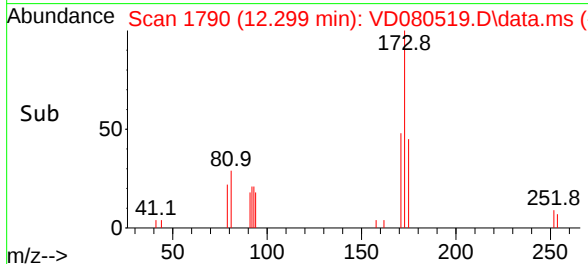
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



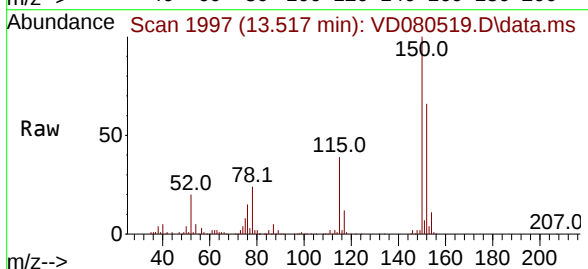
Tgt Ion:173 Resp: 8590
Ion Ratio Lower Upper
173 100
175 48.3 23.9 71.7
254 0.0 0.0 0.0

Manual Integrations
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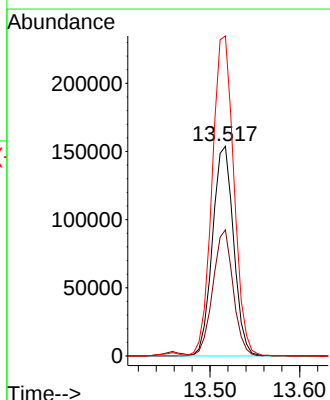
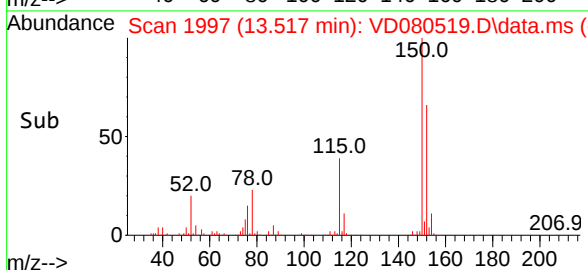
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025

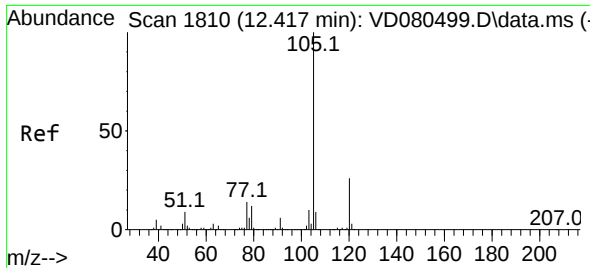


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55



Tgt Ion:152 Resp: 251092
Ion Ratio Lower Upper
152 100
115 58.0 29.0 87.0
150 157.3 0.0 345.0





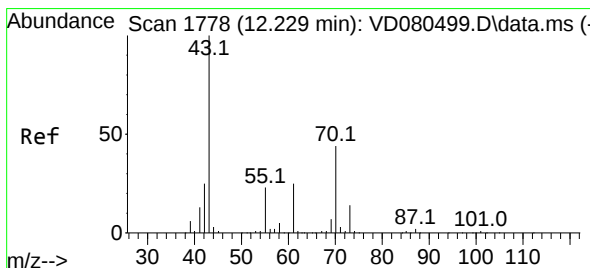
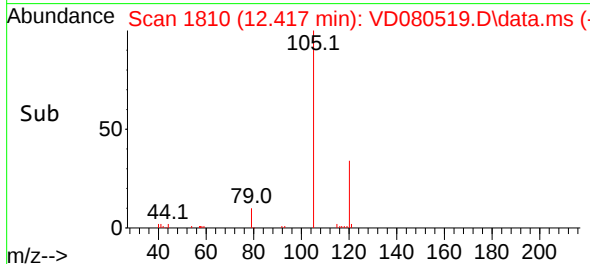
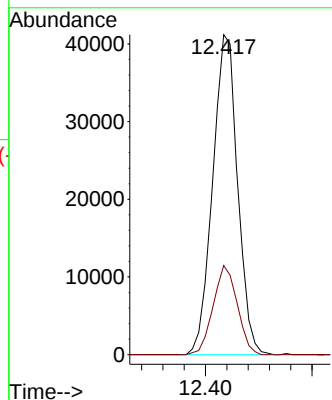
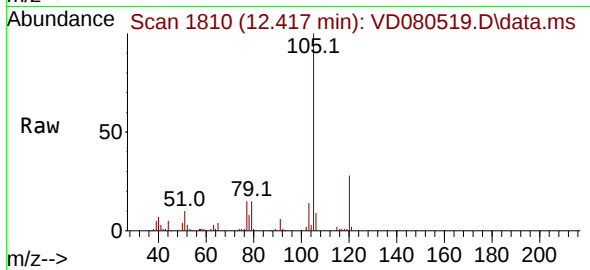
#73
Isopropylbenzene
Concen: 3.631 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2025

Tgt Ion:105 Resp: 6679
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

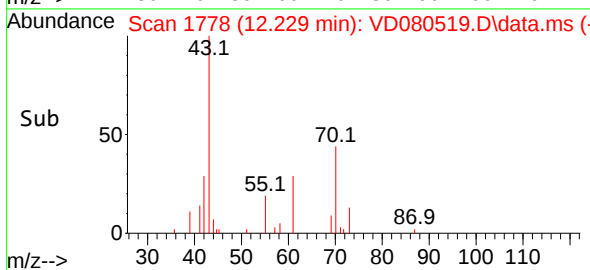
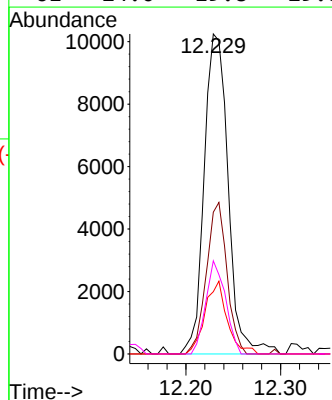
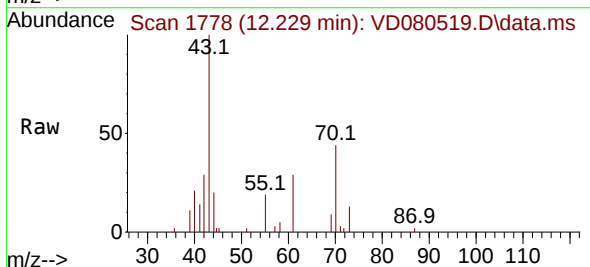
Manual Integrations
APPROVED

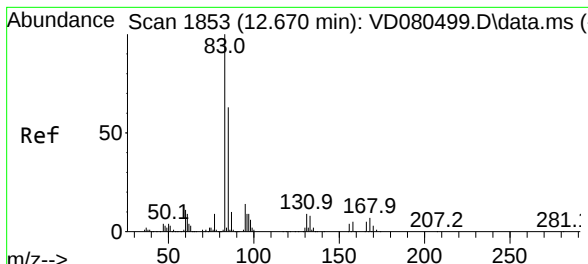
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#74
N-ethyl acetate
Concen: 3.706 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

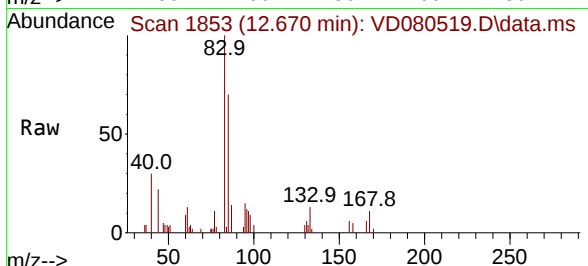
Tgt Ion: 43 Resp: 18092
Ion Ratio Lower Upper
43 100
70 40.5 35.4 53.0
55 20.9 18.6 28.0
61 24.0 19.8 29.8





#75
 1,1,2,2-Tetrachloroethane
 Concen: 3.678 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

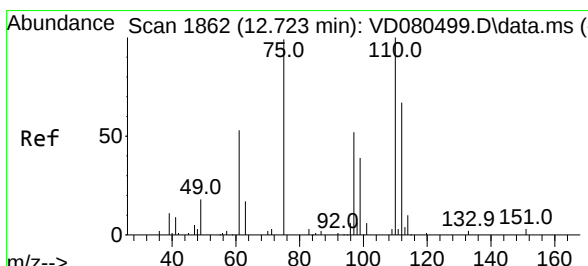
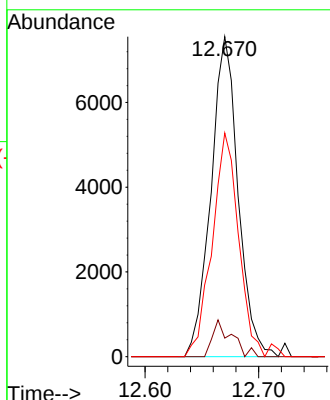
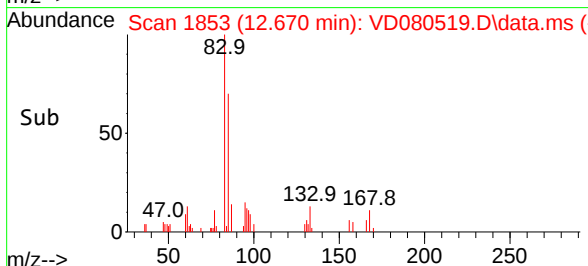
Instrument : MSVOA_D
 ClientSampleId : MDL-SOIL-03-QT3-2025



Tgt Ion:	83	Resp:	12579
Ion	Ratio	Lower	Upper
83	100		
131	8.1	5.0	15.0
85	67.7	31.9	95.9

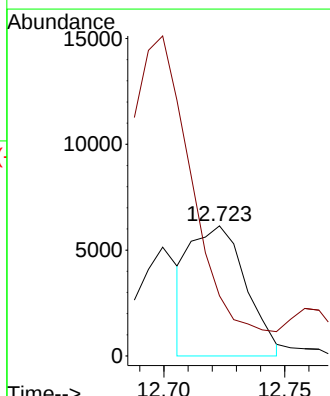
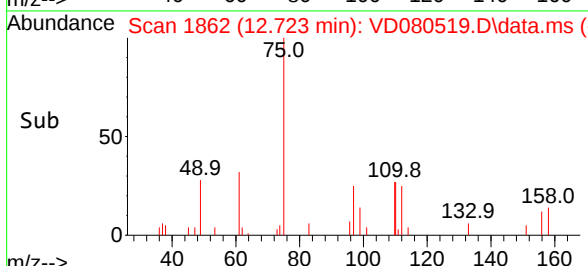
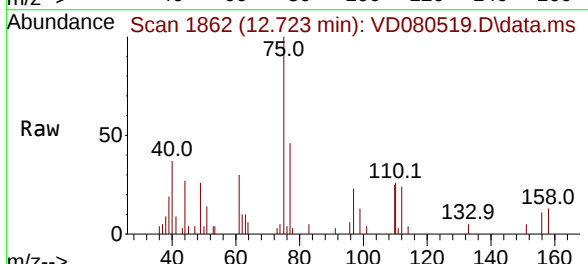
Manual Integrations
 APPROVED

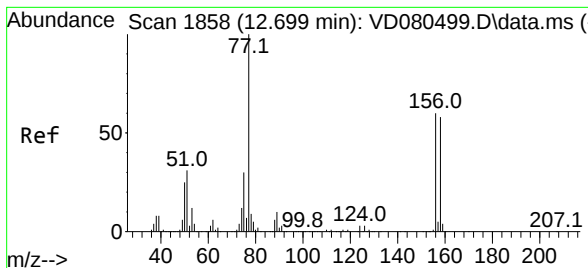
Reviewed By :Mahesh Dadoda 09/08/2025
 Supervised By :Semsettin Yesilyurt 09/08/2025



#76
 1,2,3-Trichloropropane
 Concen: 4.786 ug/l m
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

Tgt Ion:	75	Resp:	9807
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 3.719 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

ClientSampleId :

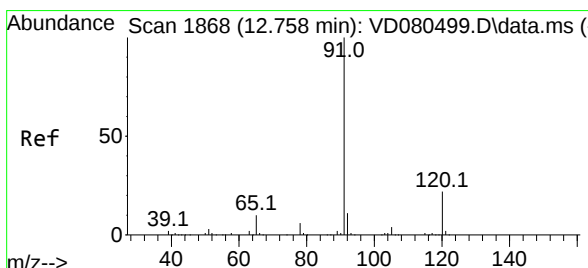
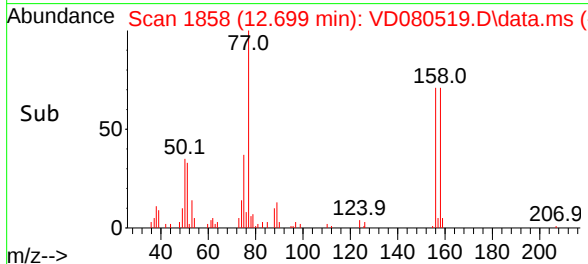
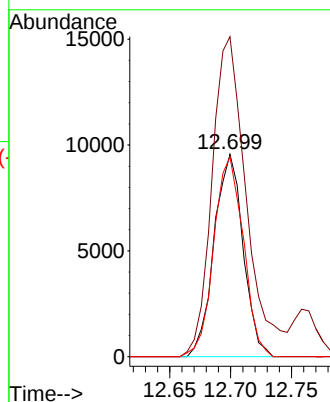
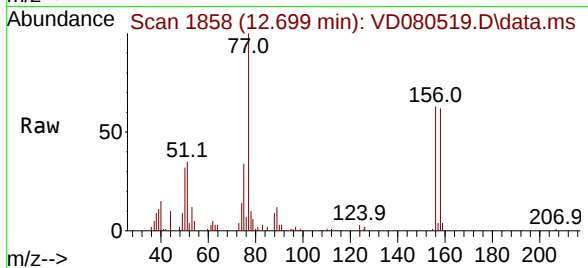
MDL-SOIL-03-QT3-2025

Tgt Ion	Ratio	Lower	Upper
156	100		
77	187.4	92.5	277.3
158	100.7	47.9	143.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#78

n-propylbenzene

Concen: 3.696 ug/l

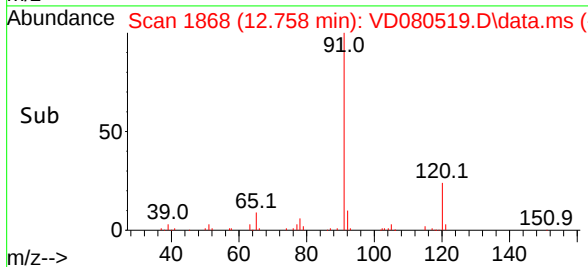
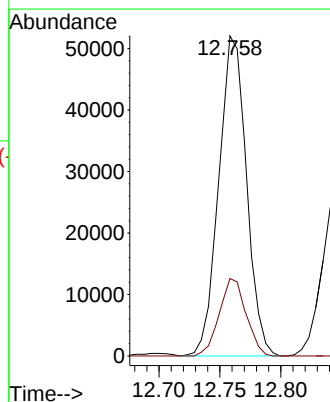
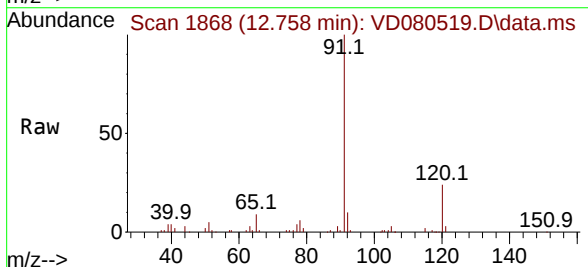
RT: 12.758 min Scan# 1868

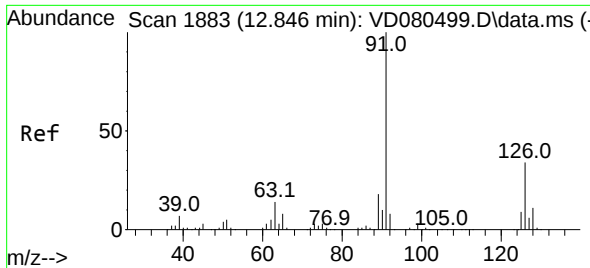
Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

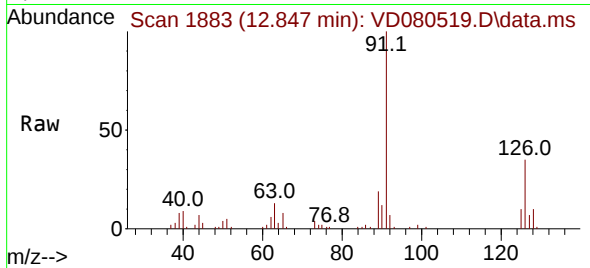
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.3	33.9





#79
2-Chlorotoluene
Concen: 3.647 ug/l
RT: 12.847 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

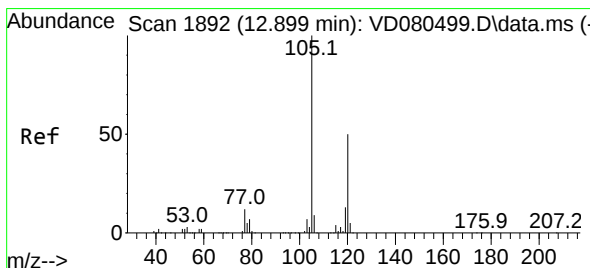
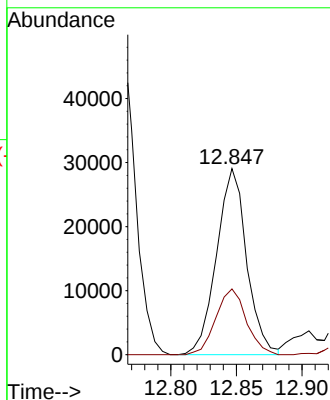
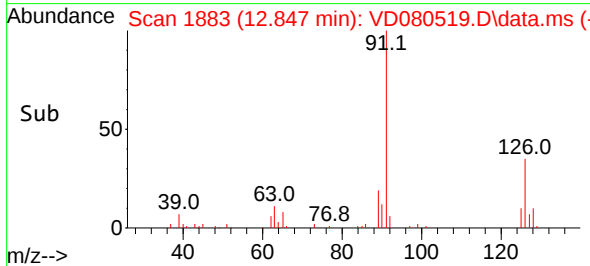
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2025



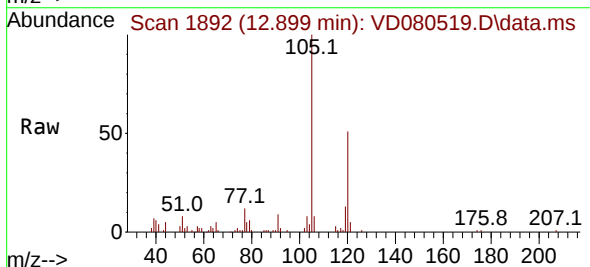
Tgt Ion: 91 Resp: 46428
Ion Ratio Lower Upper
91 100
126 35.6 17.1 51.2

Manual Integrations
APPROVED

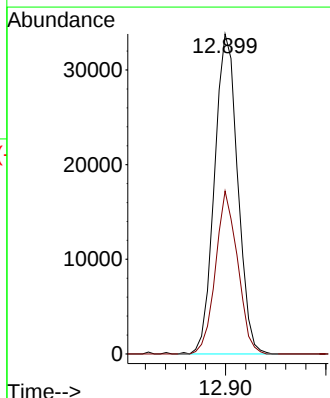
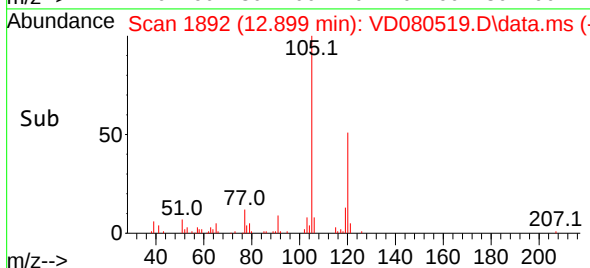
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025

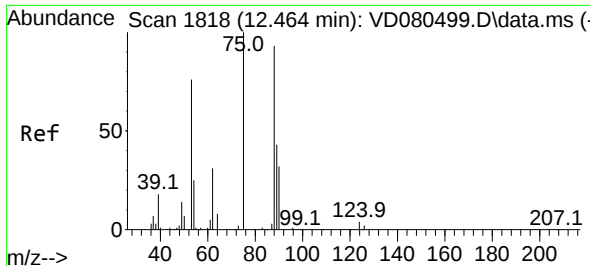


#80
1,3,5-Trimethylbenzene
Concen: 3.630 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55



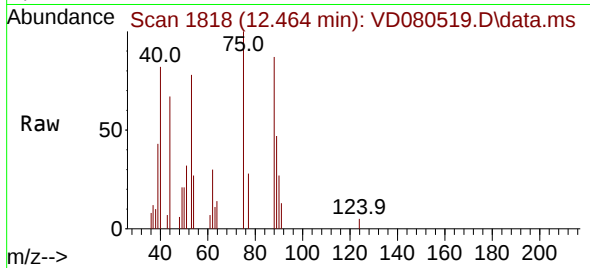
Tgt Ion:105 Resp: 54271
Ion Ratio Lower Upper
105 100
120 48.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 3.685 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

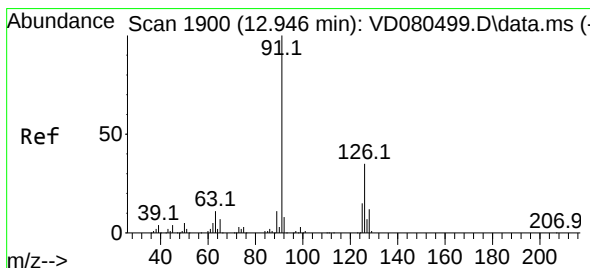
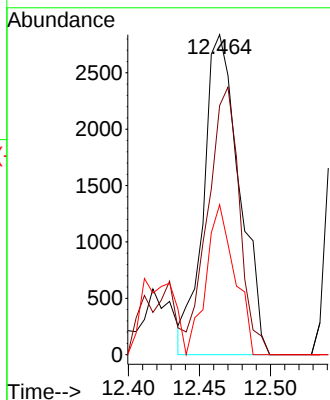
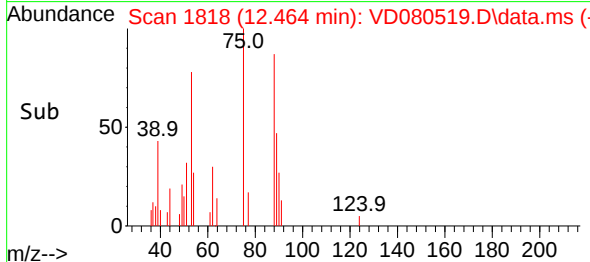
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2025



Tgt Ion: 75 Resp: 4970
Ion Ratio Lower Upper
75 100
53 73.0 61.9 92.9
89 37.5 34.6 52.0

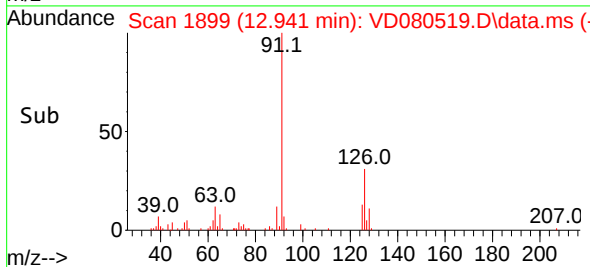
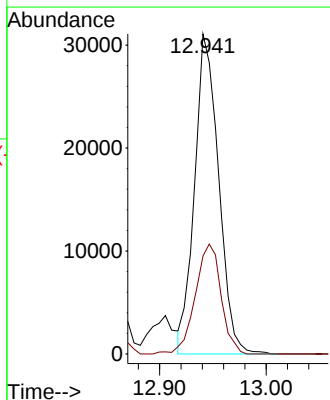
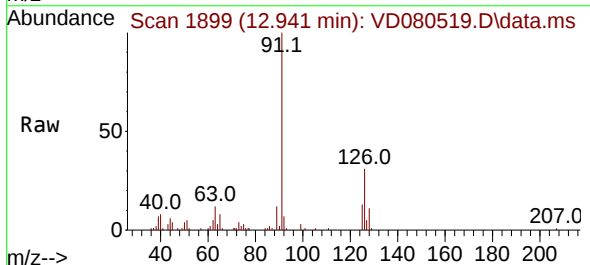
Manual Integrations
APPROVED

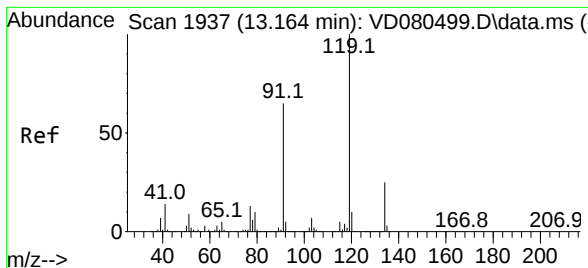
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#82
4-Chlorotoluene
Concen: 3.723 ug/l
RT: 12.941 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

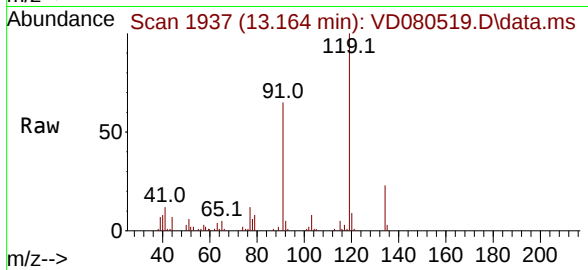
Tgt Ion: 91 Resp: 48752
Ion Ratio Lower Upper
91 100
126 36.9 16.9 50.7





#83
tert-Butylbenzene
Concen: 3.606 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

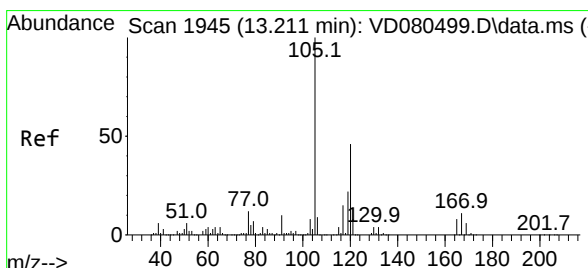
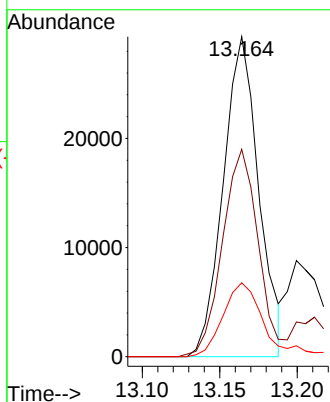
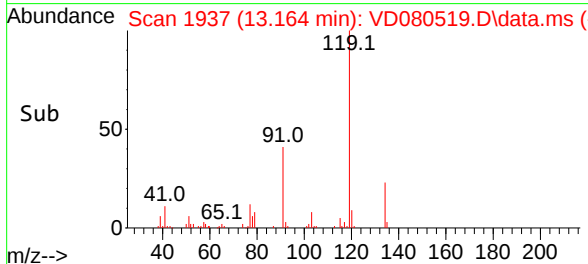
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2025



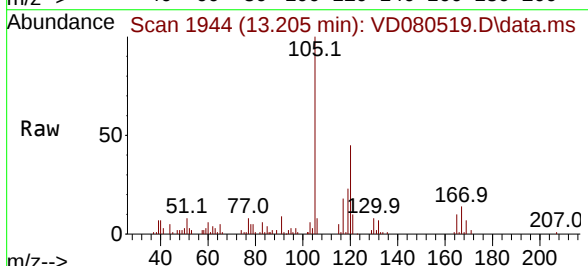
Tgt Ion:119 Resp: 46775
Ion Ratio Lower Upper
119 100
91 65.7 32.0 96.0
134 26.4 13.5 40.5

Manual Integrations
APPROVED

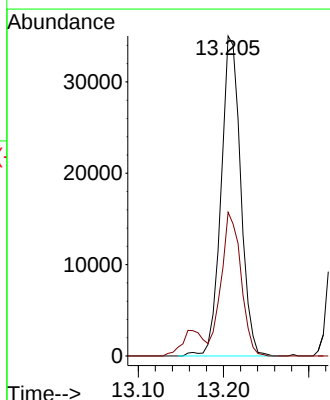
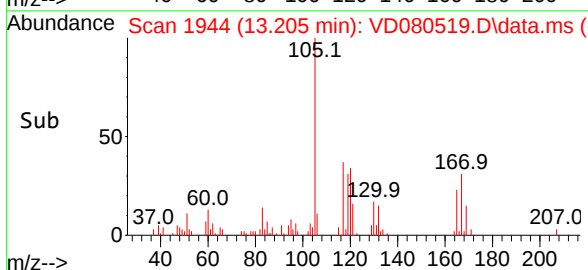
Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025

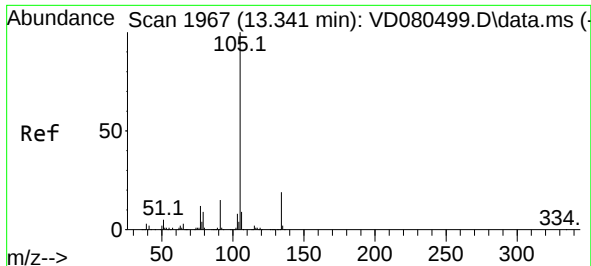


#84
1,2,4-Trimethylbenzene
Concen: 3.716 ug/l
RT: 13.205 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55



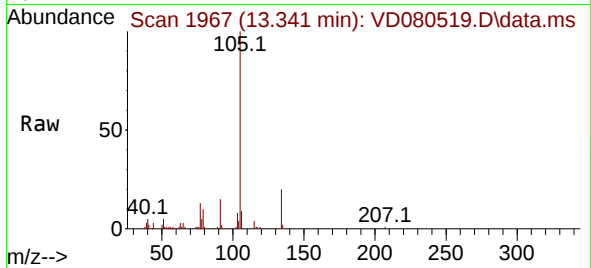
Tgt Ion:105 Resp: 55934
Ion Ratio Lower Upper
105 100
120 45.3 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 3.621 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

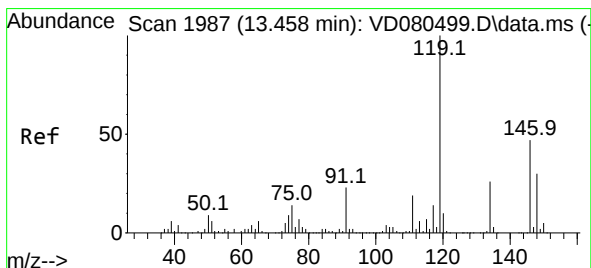
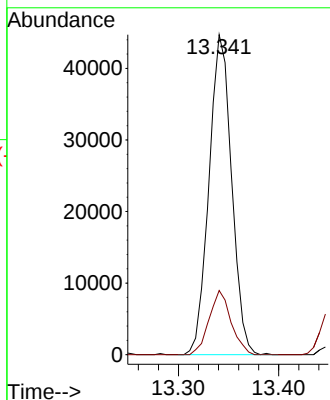
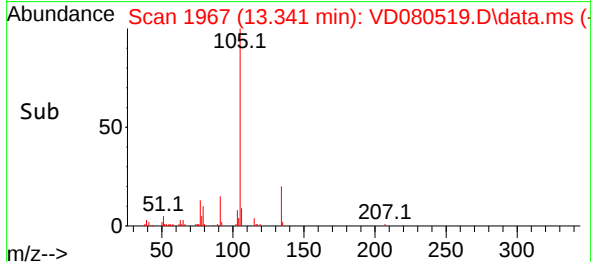
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2025



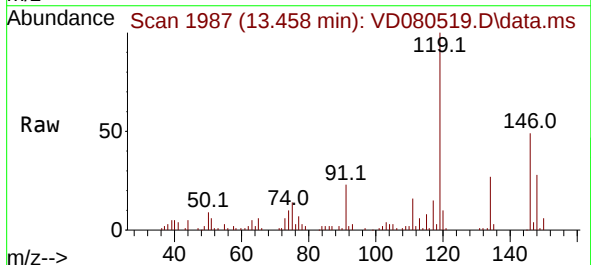
Tgt Ion:105 Resp: 7010
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations
 APPROVED

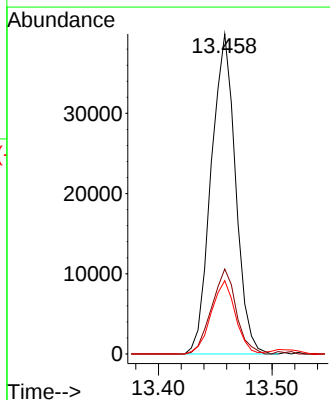
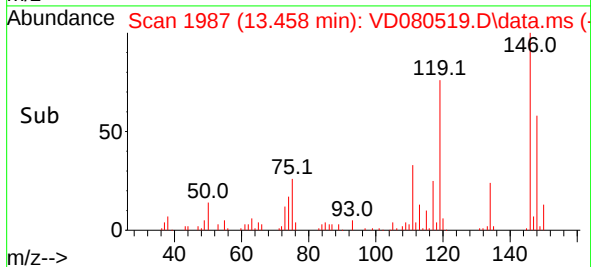
Reviewed By :Mahesh Dadoda 09/08/2025
 Supervised By :Semsettin Yesilyurt 09/08/2025

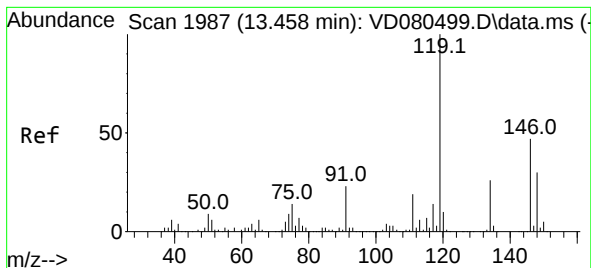


#86
 p-Isopropyltoluene
 Concen: 3.670 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55



Tgt Ion:119 Resp: 59425
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.0 39.0
 91 22.8 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 3.939 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

ClientSampleId :

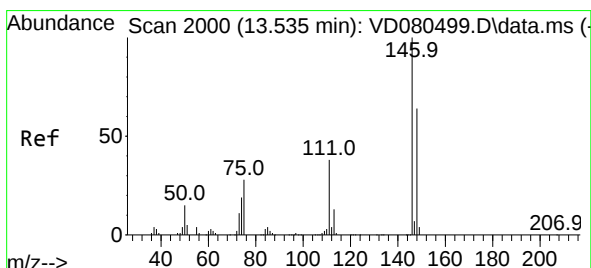
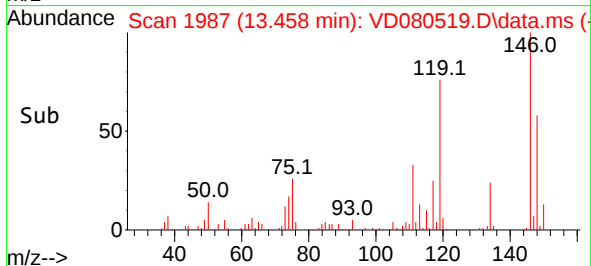
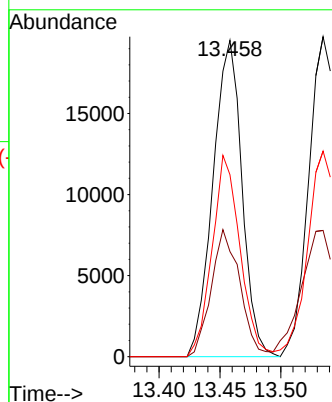
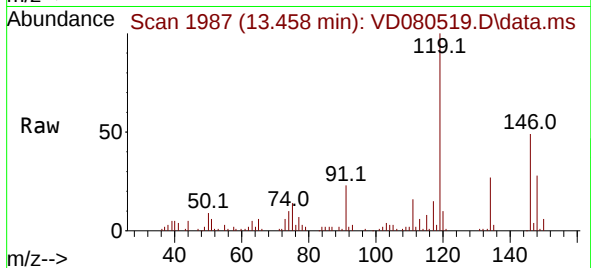
MDL-SOIL-03-QT3-2025

Tgt Ion:146	Resp:	3232
Ion Ratio	Lower	Upper
146	100	
111	39.9	19.9 59.6
148	61.5	31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#88

1,4-Dichlorobenzene

Concen: 3.929 ug/l

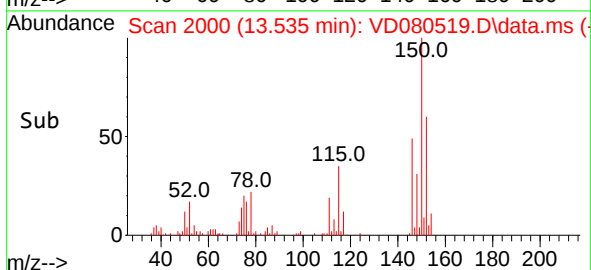
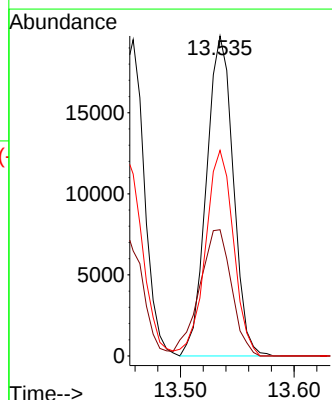
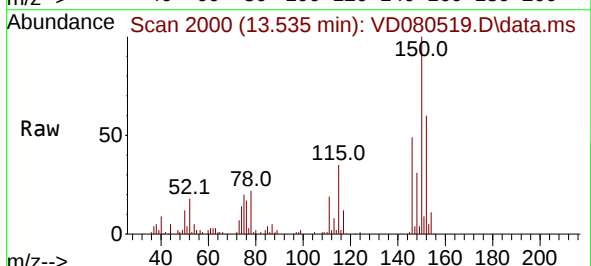
RT: 13.535 min Scan# 2000

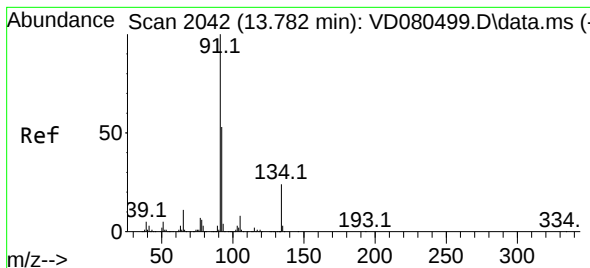
Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Tgt Ion:146	Resp:	32381
Ion Ratio	Lower	Upper
146	100	
111	47.1	19.4 58.1
148	67.2	32.1 96.5





#89

n-Butylbenzene

Concen: 3.652 ug/l

RT: 13.782 min Scan# 2042

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

ClientSampleId :

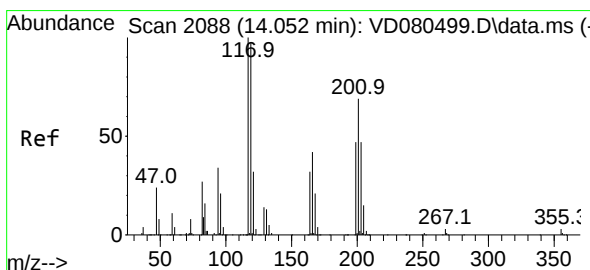
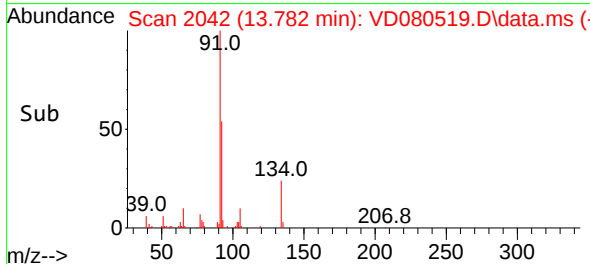
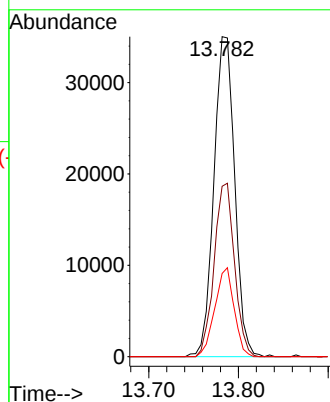
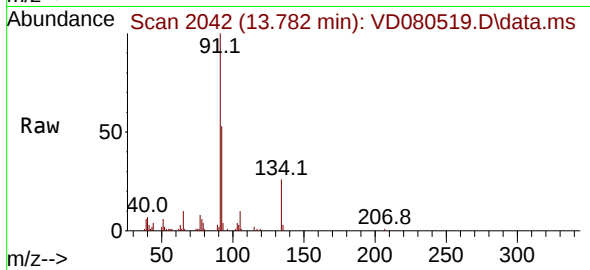
MDL-SOIL-03-QT3-2025

Tgt Ion: 91	Resp: 56334
Ion Ratio	Lower Upper
91 100	
92 53.0	26.6 79.8
134 25.8	12.4 37.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#90

Hexachloroethane

Concen: 3.688 ug/l

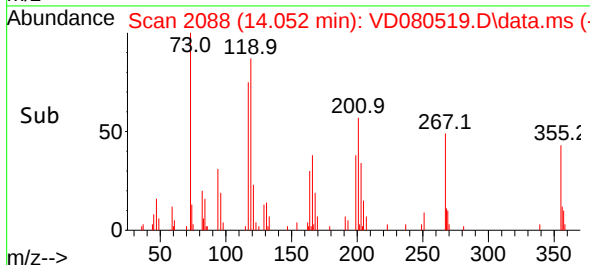
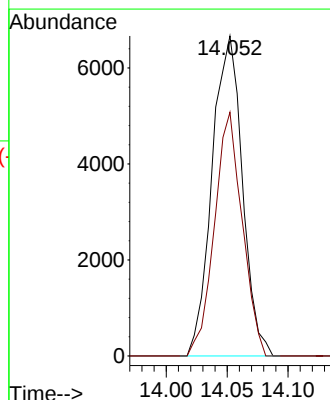
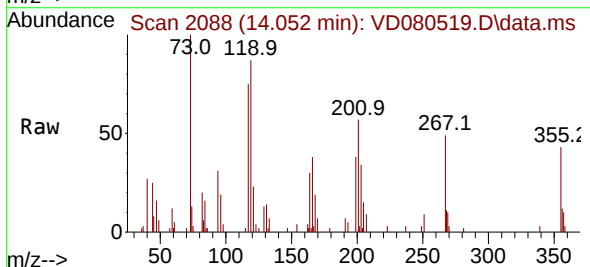
RT: 14.052 min Scan# 2088

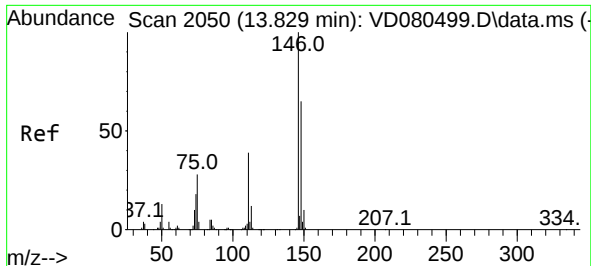
Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Tgt Ion:117	Resp: 11552
Ion Ratio	Lower Upper
117 100	
201 69.9	34.6 103.8





#91

1,2-Dichlorobenzene

Concen: 3.919 ug/l

RT: 13.823 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

ClientSampleId :

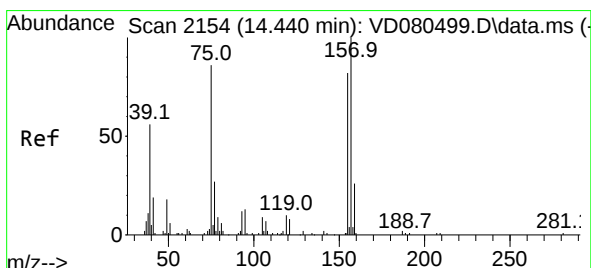
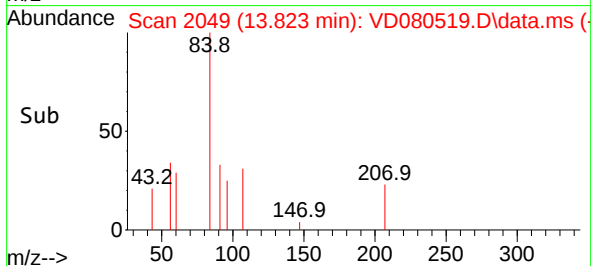
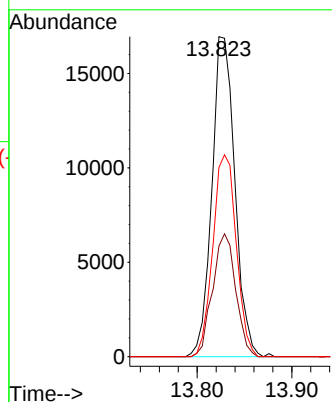
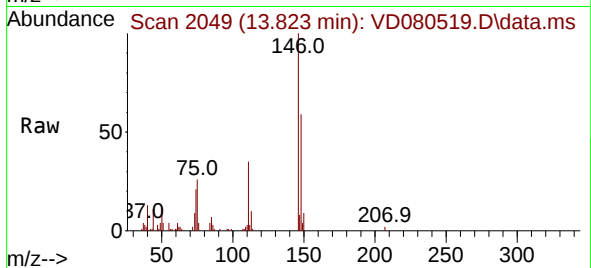
MDL-SOIL-03-QT3-2025

Tgt Ion:	146	Resp:	28618
Ion Ratio	Lower	Upper	
146	100		
111	38.7	20.7	62.1
148	64.3	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.241 ug/l

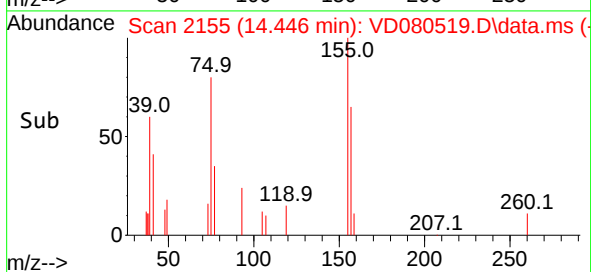
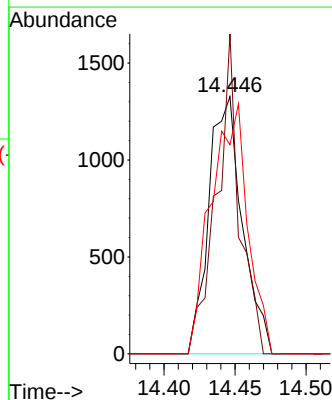
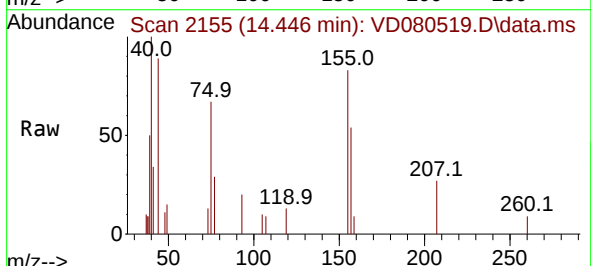
RT: 14.446 min Scan# 2155

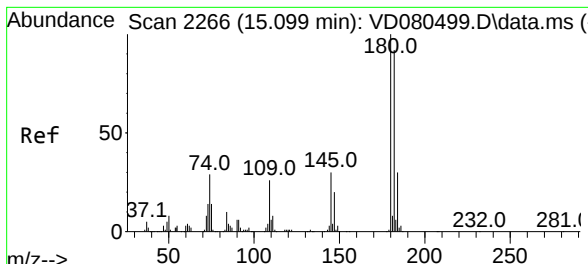
Delta R.T. 0.006 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

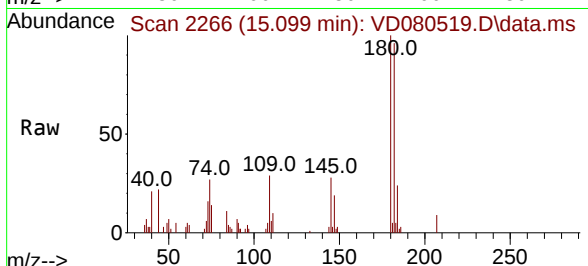
Tgt Ion:	75	Resp:	2177
Ion Ratio	Lower	Upper	
75	100		
155	84.9	47.5	142.6
157	106.2	56.8	170.3





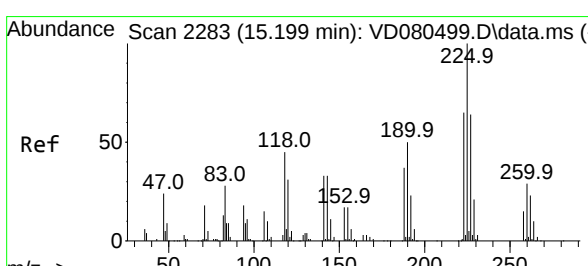
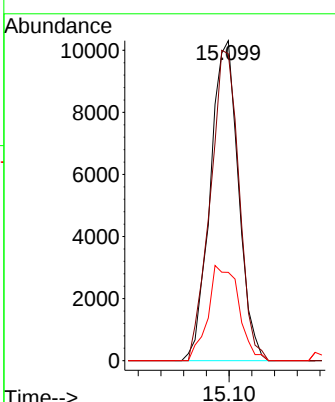
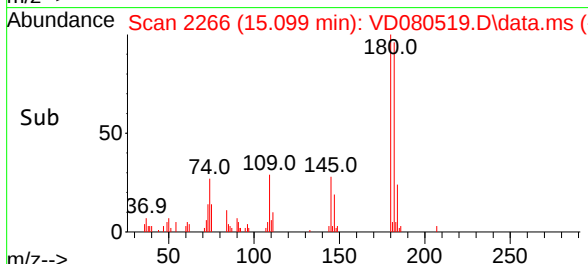
#93
 1,2,4-Trichlorobenzene
 Concen: 3.885 ug/l
 RT: 15.099 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

Instrument : MSVOA_D
 ClientSampleId : MDL-SOIL-03-QT3-2025

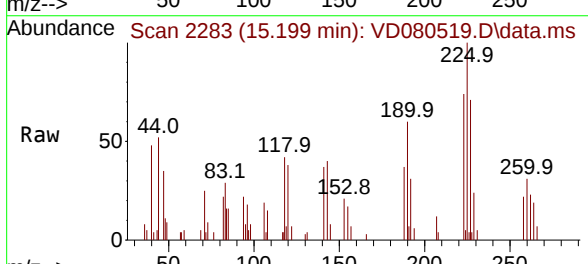


Tgt Ion:	180	Resp:	17778
Ion Ratio	Lower	Upper	
180	100		
182	98.6	47.5	142.5
145	32.3	15.7	47.0

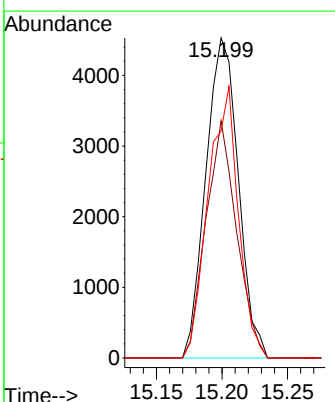
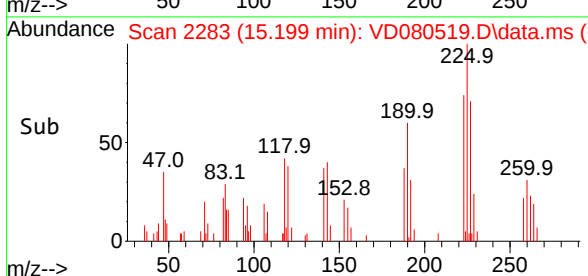
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 09/08/2025
 Supervised By :Semsettin Yesilyurt 09/08/2025

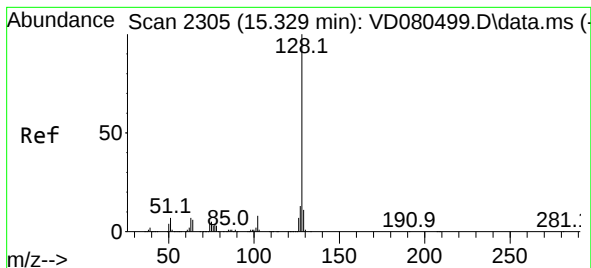


#94
 Hexachlorobutadiene
 Concen: 3.750 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55



Tgt Ion:	225	Resp:	7800
Ion Ratio	Lower	Upper	
225	100		
223	70.1	31.9	95.7
227	78.7	32.0	96.2





#95

Naphthalene

Concen: 3.901 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080519.D

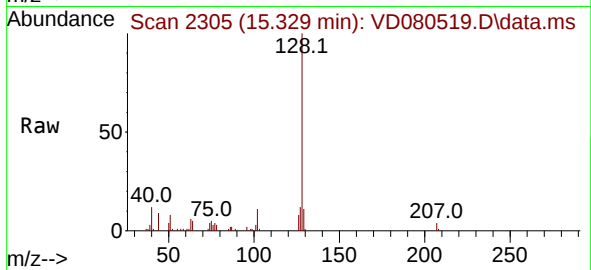
Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2025

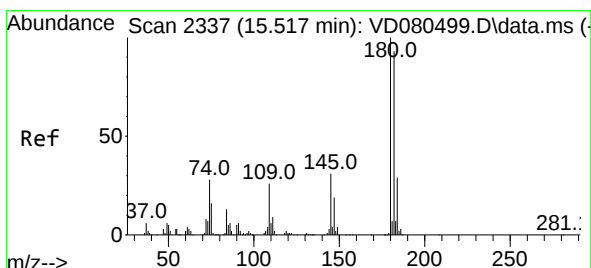
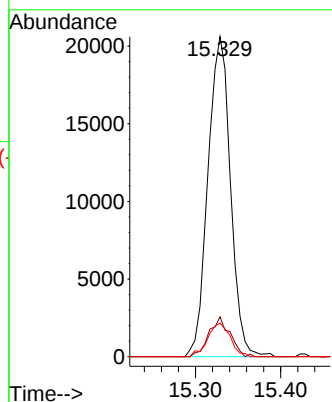
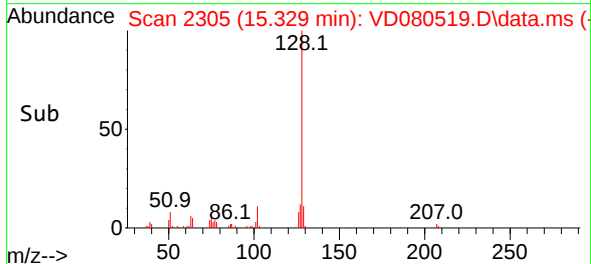


Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.6	16.0
129	10.5	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025



#96

1,2,3-Trichlorobenzene

Concen: 4.025 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.5	142.5
145	31.2	16.2	48.5

