

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111825\
 Data File : VD080535.D
 Acq On : 18 Nov 2025 12:07
 Operator : RP/MD
 Sample : Q3530-01
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 19 08:23:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111725S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 18 00:45:54 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	287149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	477596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	404000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	178039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	112884	46.820	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.640%		
35) Dibromofluoromethane	7.806	113	136972	48.715	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.420%		
50) Toluene-d8	10.270	98	555444	48.832	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.660%		
62) 4-Bromofluorobenzene	12.570	95	158912	48.596	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	5168	2.415	ug/l	89
3) Chloromethane	2.147	50	9608	2.781	ug/l	95
4) Vinyl Chloride	2.288	62	10179	2.487	ug/l	95
5) Bromomethane	2.700	94	8872	2.923	ug/l	96
6) Chloroethane	2.841	64	7831	2.787	ug/l	96
7) Trichlorofluoromethane	3.182	101	12441	2.671	ug/l	85
8) Diethyl Ether	3.600	74	3613	2.814	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.971	101	8229	2.795	ug/l	93
10) Methyl Iodide	4.165	142	8027	2.121	ug/l	99
11) Tert butyl alcohol	5.018	59	2733m	24.339	ug/l	
12) 1,1-Dichloroethene	3.953	96	7770	2.508	ug/l	93
13) Acrolein	3.812	56	2227m	11.401	ug/l	
14) Allyl chloride	4.570	41	11589	2.395	ug/l	94
15) Acrylonitrile	5.265	53	5891	11.368	ug/l	99
16) Acetone	4.029	43	4626	13.124	ug/l	89
17) Carbon Disulfide	4.271	76	23963	2.403	ug/l	97
18) Methyl Acetate	4.565	43	2966	2.736	ug/l #	62
19) Methyl tert-butyl Ether	5.323	73	13176	2.399	ug/l	99
20) Methylene Chloride	4.812	84	21759	6.115	ug/l	98
21) trans-1,2-Dichloroethene	5.312	96	8855	2.563	ug/l	88
22) Diisopropyl ether	6.212	45	20179	2.308	ug/l #	94
23) Vinyl Acetate	6.165	43	50779	11.152	ug/l	94
24) 1,1-Dichloroethane	6.117	63	15101	2.526	ug/l #	94
25) 2-Butanone	7.076	43	7435m	13.452	ug/l	
26) 2,2-Dichloropropane	7.076	77	15395	2.994	ug/l	91
27) cis-1,2-Dichloroethene	7.076	96	10323	2.564	ug/l	95
28) Bromochloromethane	7.429	49	5785	2.644	ug/l #	96
29) Tetrahydrofuran	7.447	42	4637	12.593	ug/l #	88
30) Chloroform	7.594	83	13996	2.387	ug/l	91
31) Cyclohexane	7.876	56	18752	3.275	ug/l #	70
32) 1,1,1-Trichloroethane	7.794	97	13002	2.525	ug/l	92
36) 1,1-Dichloropropene	8.006	75	11679	2.687	ug/l	96
37) Ethyl Acetate	7.170	43	3415	2.597	ug/l #	71
38) Carbon Tetrachloride	7.994	117	11597	2.655	ug/l	89
39) Methylcyclohexane	9.276	83	15677	2.734	ug/l #	88
40) Benzene	8.253	78	33397	2.481	ug/l	96

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.429	41	2524	2.939	ug/l #	23
42) 1,2-Dichloroethane	8.329	62	7088	2.523	ug/l	98
43) Isopropyl Acetate	8.359	43	6026	2.337	ug/l #	59
44) Trichloroethene	9.029	130	9189	2.701	ug/l	92
45) 1,2-Dichloropropane	9.311	63	7520	2.440	ug/l #	86
46) Dibromomethane	9.394	93	3694	2.430	ug/l	93
47) Bromodichloromethane	9.588	83	10066	2.452	ug/l	99
48) Methyl methacrylate	9.382	41	3227	2.521	ug/l	87
49) 1,4-Dioxane	9.400	88	594m	41.924	ug/l	
51) 4-Methyl-2-Pentanone	10.158	43	13680	11.433	ug/l	94
52) Toluene	10.329	92	21653	2.544	ug/l	98
53) t-1,3-Dichloropropene	10.553	75	8542	2.348	ug/l	95
54) cis-1,3-Dichloropropene	10.011	75	11840	2.524	ug/l	92
55) 1,1,2-Trichloroethane	10.735	97	4914	2.527	ug/l	88
56) Ethyl methacrylate	10.594	69	5265	2.347	ug/l #	92
57) 1,3-Dichloropropane	10.882	76	8270	2.439	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.870	63	13749	10.922	ug/l	100
59) 2-Hexanone	10.917	43	8883	10.619	ug/l	91
60) Dibromochloromethane	11.076	129	6804	2.633	ug/l	94
61) 1,2-Dibromoethane	11.176	107	4734	2.531	ug/l	98
64) Tetrachloroethene	10.811	164	7860	2.705	ug/l	95
65) Chlorobenzene	11.605	112	22628	2.515	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.682	131	6955	2.472	ug/l	94
67) Ethyl Benzene	11.682	91	40784	2.501	ug/l	99
68) m/p-Xylenes	11.788	106	30727	4.927	ug/l	93
69) o-Xylene	12.123	106	15273	2.649	ug/l	92
70) Styrene	12.135	104	22910	2.408	ug/l	98
71) Bromoform	12.299	173	3569	2.715	ug/l #	99
73) Isopropylbenzene	12.423	105	39794	2.633	ug/l	99
74) N-amyl acetate	12.235	43	6387	2.726	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.676	83	4502	2.375	ug/l	98
76) 1,2,3-Trichloropropane	12.729	75	3754m	2.707	ug/l	
77) Bromobenzene	12.699	156	8474	2.642	ug/l	97
78) n-propylbenzene	12.758	91	49177	2.712	ug/l	100
79) 2-Chlorotoluene	12.852	91	25776	2.584	ug/l	99
80) 1,3,5-Trimethylbenzene	12.905	105	31022	2.597	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.470	75	1909m	2.629	ug/l	
82) 4-Chlorotoluene	12.947	91	26700	2.633	ug/l	97
83) tert-Butylbenzene	13.164	119	27817	2.589	ug/l	97
84) 1,2,4-Trimethylbenzene	13.211	105	31034	2.640	ug/l	96
85) sec-Butylbenzene	13.341	105	42163	2.651	ug/l	98
86) p-Isopropyltoluene	13.458	119	34145	2.589	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	17315	2.717	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	16987	2.726	ug/l	87
89) n-Butylbenzene	13.788	91	33894	2.695	ug/l	99
90) Hexachloroethane	14.058	117	6446	2.505	ug/l	98
91) 1,2-Dichlorobenzene	13.829	146	13799	2.620	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.441	75	590	2.261	ug/l	90
93) 1,2,4-Trichlorobenzene	15.099	180	9799	3.012	ug/l	97
94) Hexachlorobutadiene	15.205	225	5143	2.839	ug/l	98
95) Naphthalene	15.329	128	15178	2.867	ug/l	97
96) 1,2,3-Trichlorobenzene	15.523	180	7705	2.924	ug/l	96

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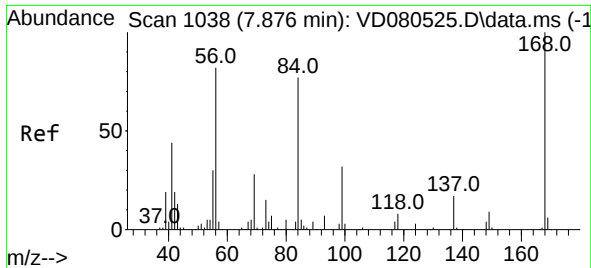
Manual Integrations
APPROVED

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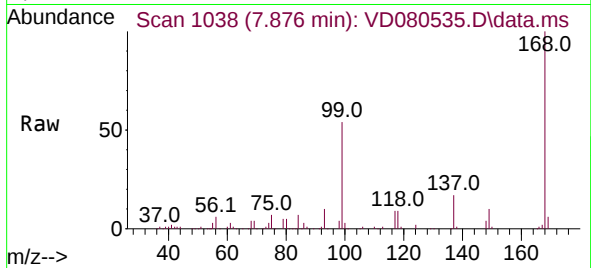
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080535.D
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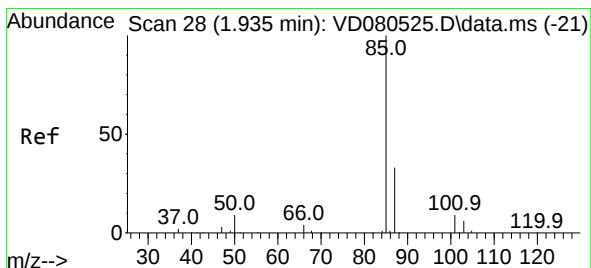
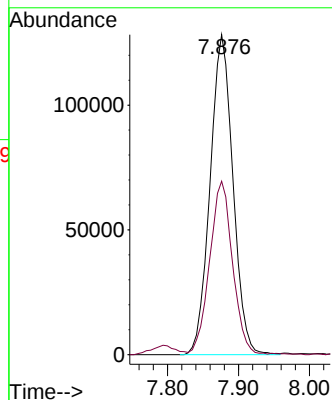
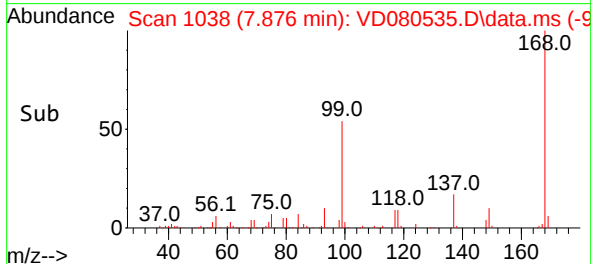
Instrument : MSVOA_D
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Tgt Ion:168 Resp: 287149
Ion Ratio Lower Upper
168 100
99 53.9 42.5 63.7

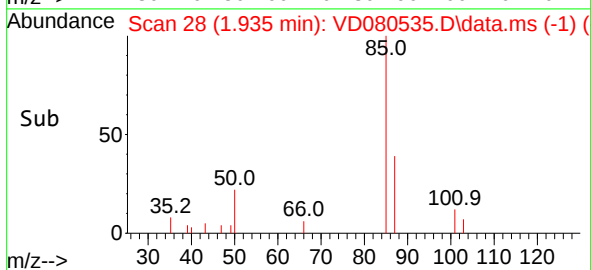
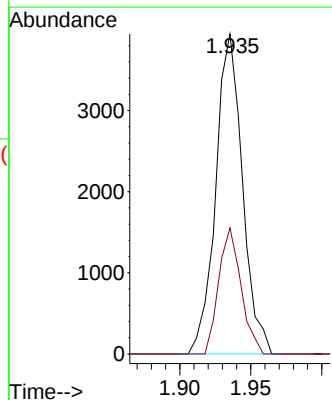
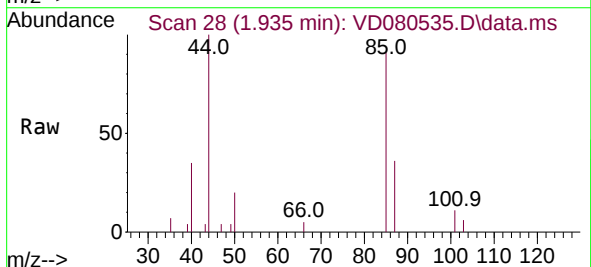
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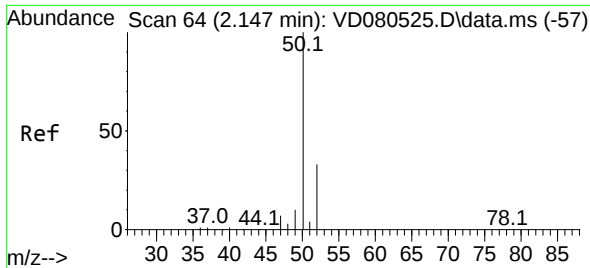
Reviewed By :Amit Patel 11/19/2025
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#2
Dichlorodifluoromethane
Concen: 2.415 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

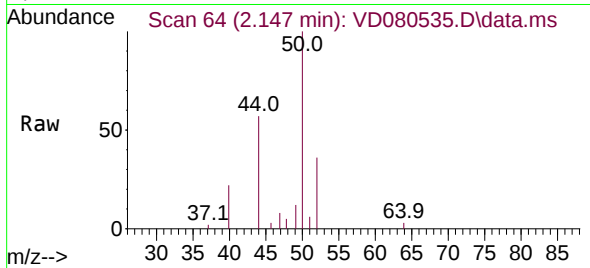
Tgt Ion: 85 Resp: 5168
Ion Ratio Lower Upper
85 100
87 39.4 16.5 49.5





#3
Chloromethane
Concen: 2.781 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

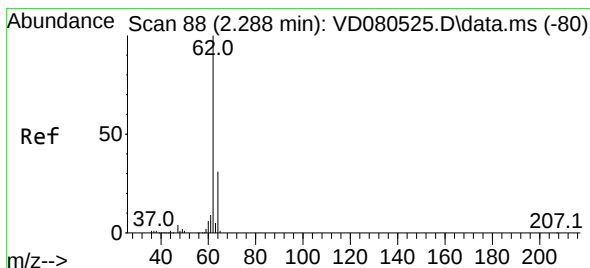
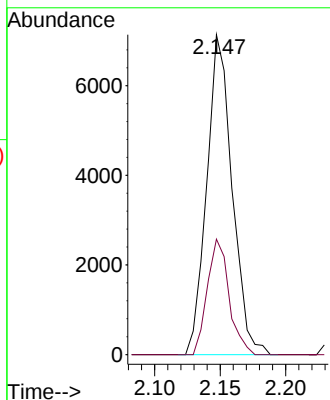
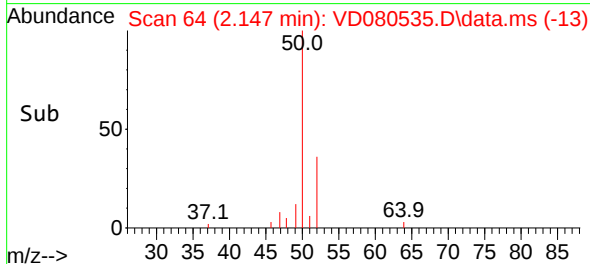
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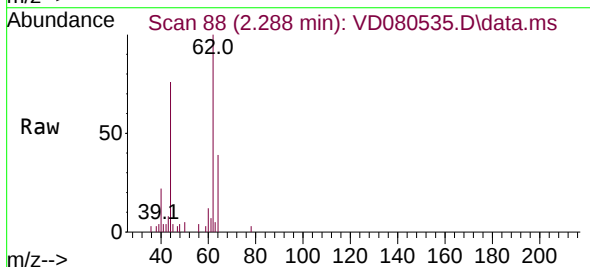
Tgt Ion: 50 Resp: 9608
Ion Ratio Lower Upper
50 100
52 36.1 26.5 39.7

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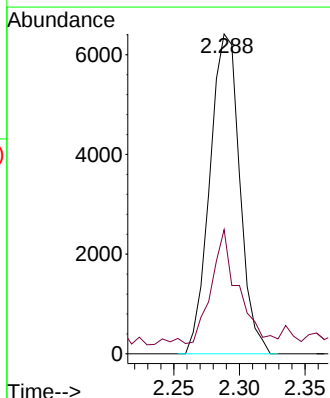
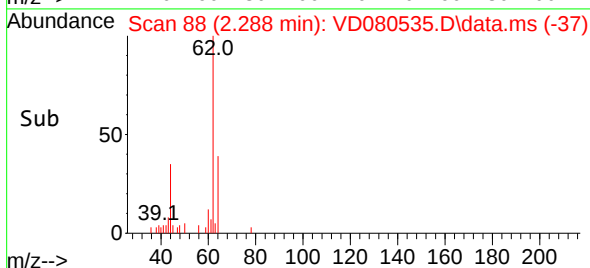
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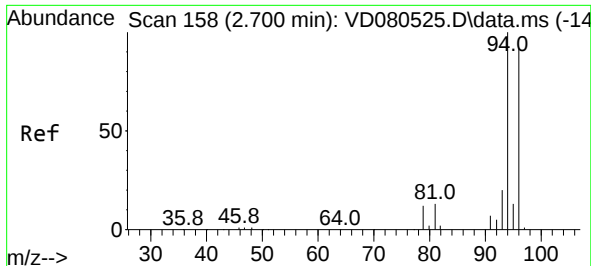


#4
Vinyl Chloride
Concen: 2.487 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07



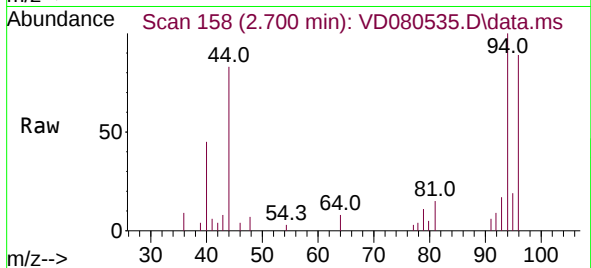
Tgt Ion: 62 Resp: 10179
Ion Ratio Lower Upper
62 100
64 34.2 25.0 37.6





#5
Bromomethane
Concen: 2.923 ug/l
RT: 2.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

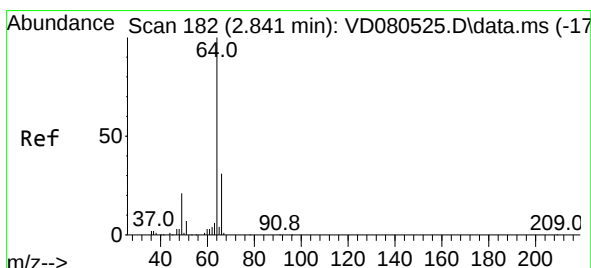
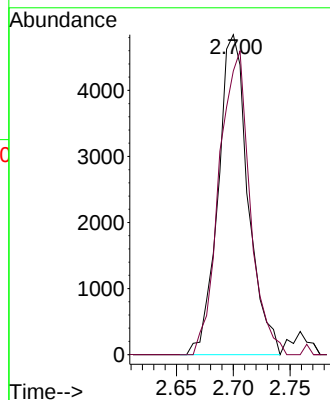
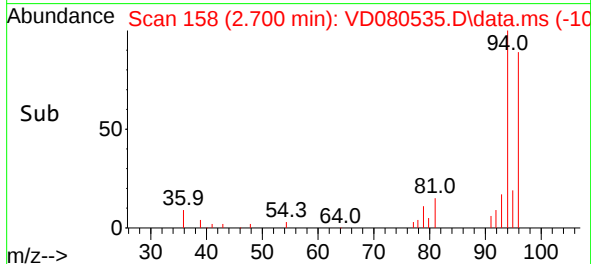
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Tgt Ion: 94 Resp: 8872
Ion Ratio Lower Upper
94 100
96 97.5 74.6 112.0

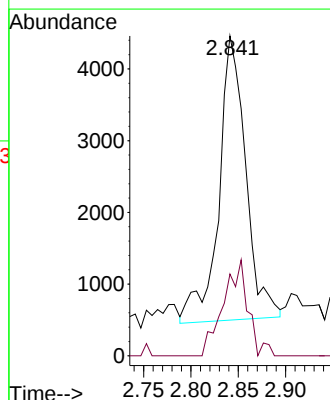
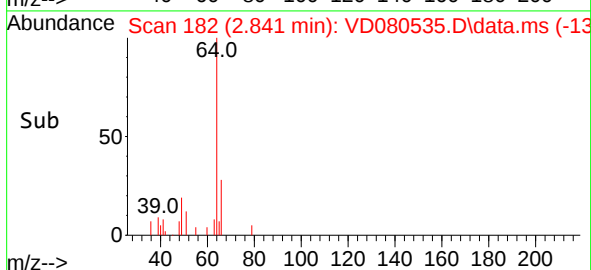
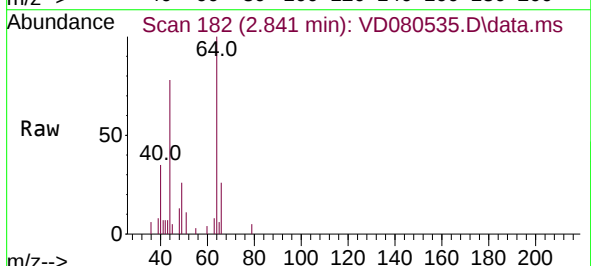
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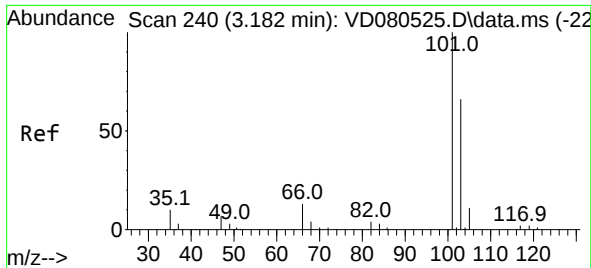
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#6
Chloroethane
Concen: 2.787 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080535.D
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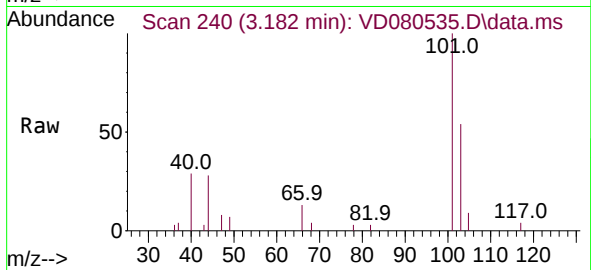
Tgt Ion: 64 Resp: 7831
Ion Ratio Lower Upper
64 100
66 29.1 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 2.671 ug/l
 RT: 3.182 min Scan# 240
 Delta R.T. 0.000 min
 Lab File: VD080535.D
 Acq: 18 Nov 2025 12:07

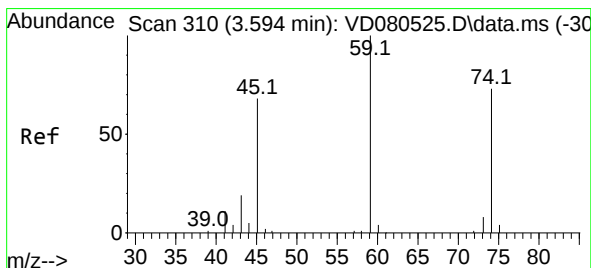
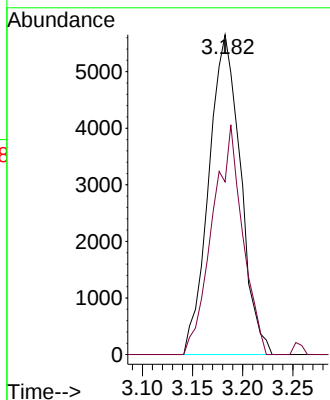
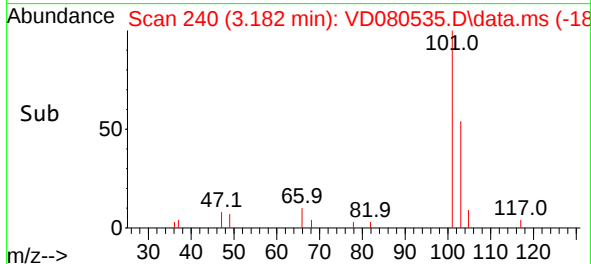
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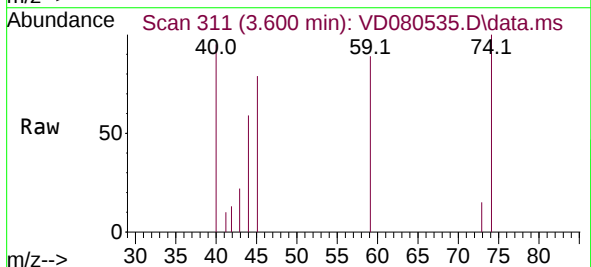
Tgt Ion:101 Resp: 1244
 Ion Ratio Lower Upper
 101 100
 103 54.0 52.6 78.8

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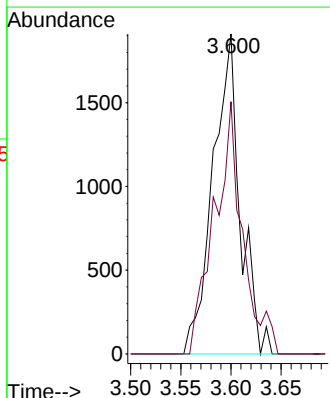
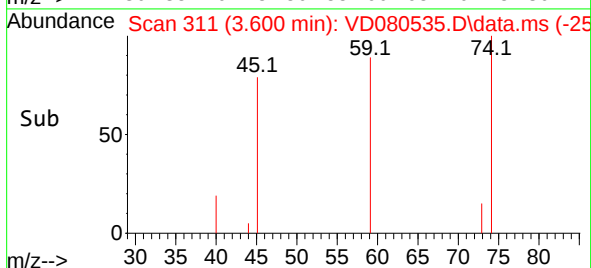
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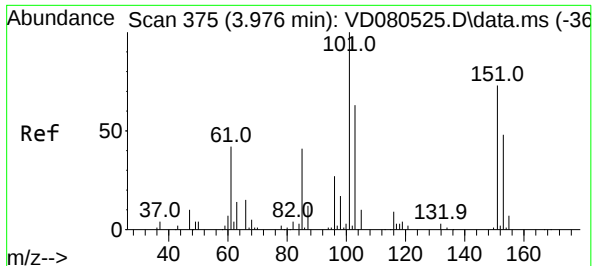


#8
 Diethyl Ether
 Concen: 2.814 ug/l
 RT: 3.600 min Scan# 311
 Delta R.T. 0.006 min
 Lab File: VD080535.D
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Tgt Ion: 74 Resp: 3613
 Ion Ratio Lower Upper
 74 100
 45 81.7 46.9 140.7





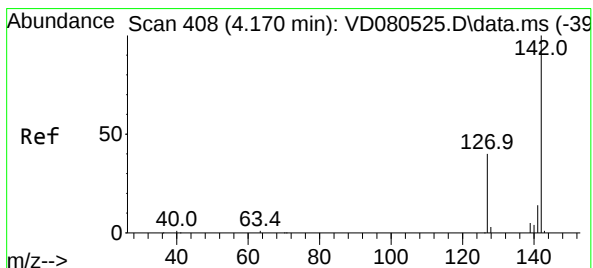
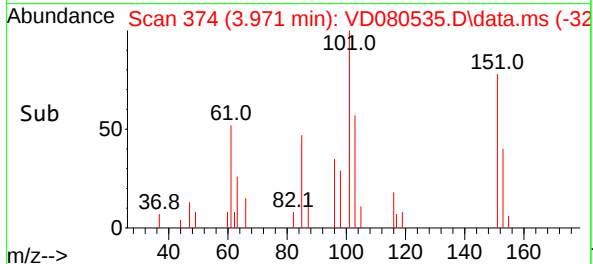
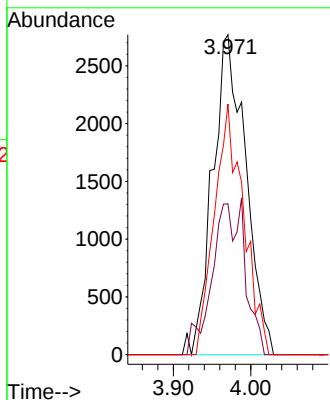
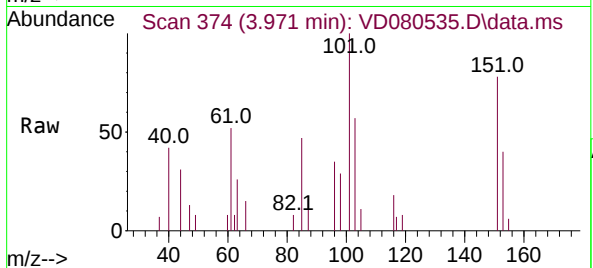
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.795 ug/l
RT: 3.971 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

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

Tgt Ion:101 Resp: 8229
Ion Ratio Lower Upper
101 100
85 47.1 33.8 50.6
151 69.1 59.6 89.4

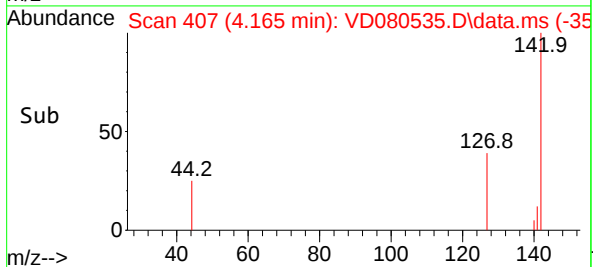
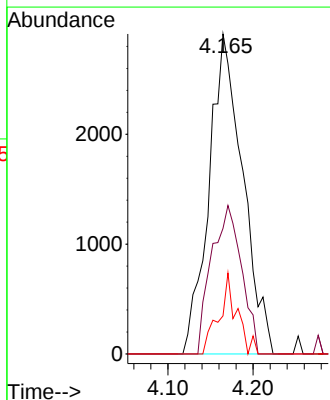
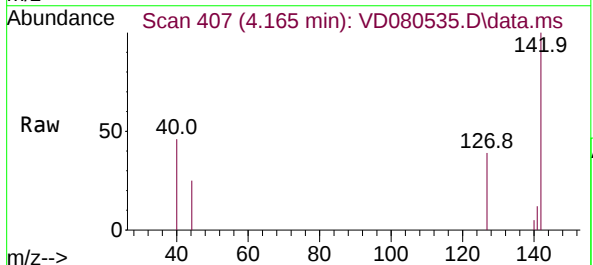
Manual Integrations
APPROVED

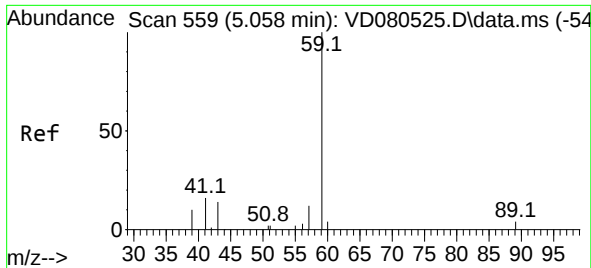
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#10
Methyl Iodide
Concen: 2.121 ug/l
RT: 4.165 min Scan# 407
Delta R.T. -0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

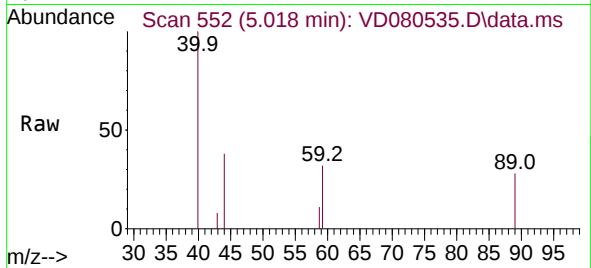
Tgt Ion:142 Resp: 8027
Ion Ratio Lower Upper
142 100
127 41.2 32.6 49.0
141 13.4 11.4 17.2





#11
Tert butyl alcohol
Concen: 24.339 ug/l m
RT: 5.018 min Scan# 51
Delta R.T. -0.041 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

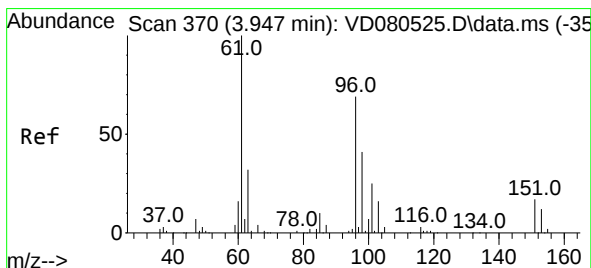
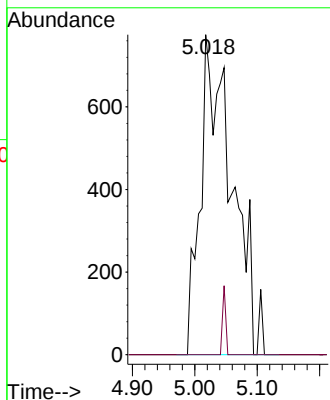
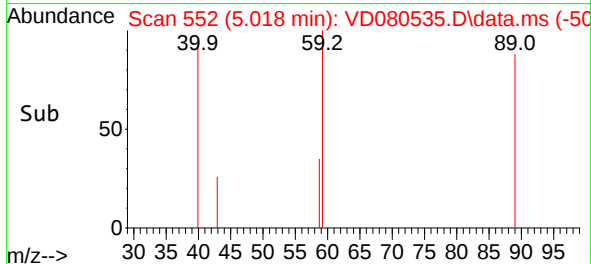
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



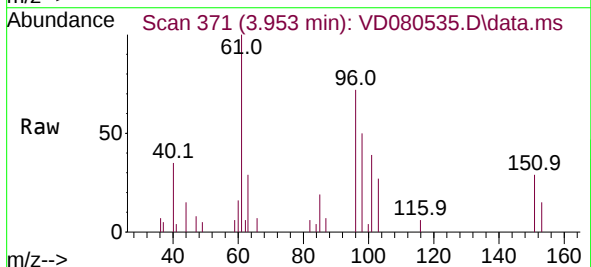
Tgt Ion: 59 Resp: 2733
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7

Manual Integrations
APPROVED

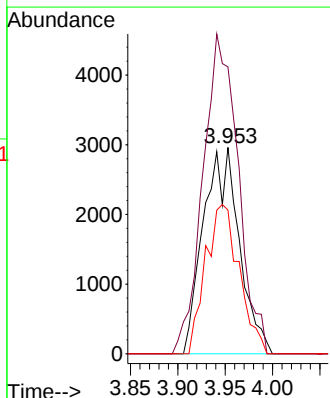
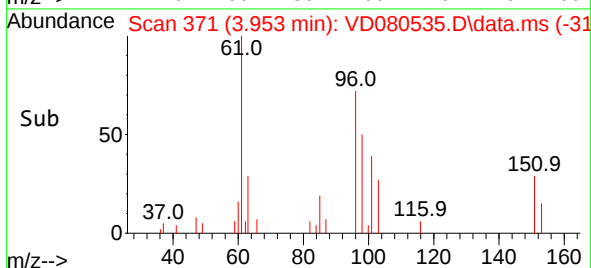
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

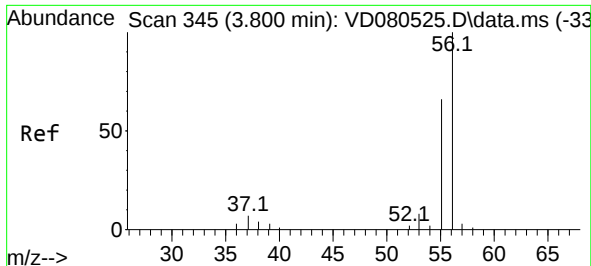


#12
1,1-Dichloroethene
Concen: 2.508 ug/l
RT: 3.953 min Scan# 371
Delta R.T. 0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07



Tgt Ion: 96 Resp: 7770
Ion Ratio Lower Upper
96 100
61 139.0 116.2 174.2
98 69.6 47.6 71.4





#13

Acrolein

Concen: 11.401 ug/l m

RT: 3.812 min Scan# 34

Delta R.T. 0.012 min

Lab File: VD080535.D

Acq: 18 Nov 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 56 Resp: 222

Ion Ratio Lower Upper

56 100

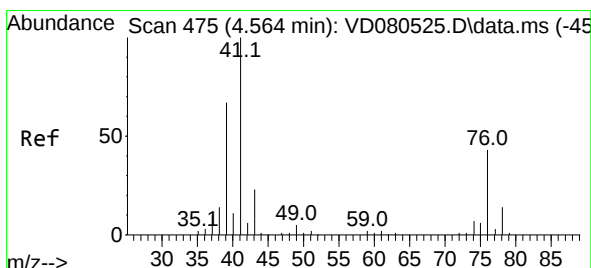
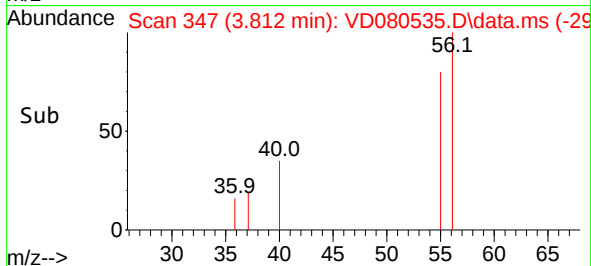
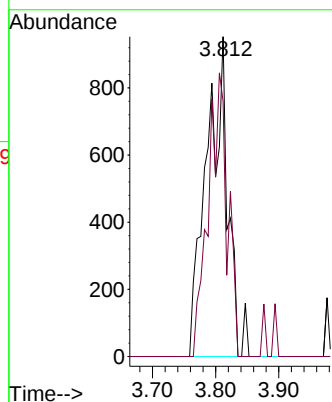
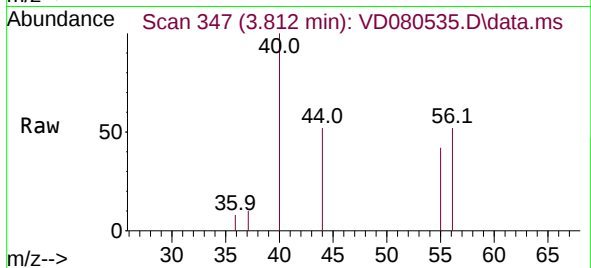
55 79.7 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#14

Allyl chloride

Concen: 2.395 ug/l

RT: 4.570 min Scan# 476

Delta R.T. 0.006 min

Lab File: VD080535.D

Acq: 18 Nov 2025 12:07

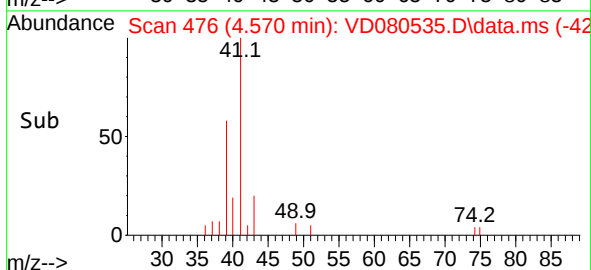
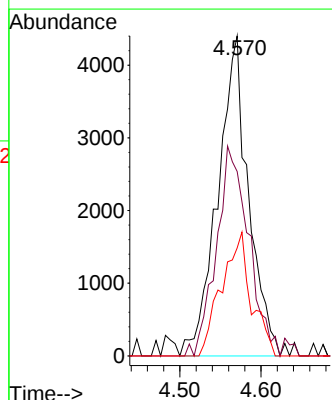
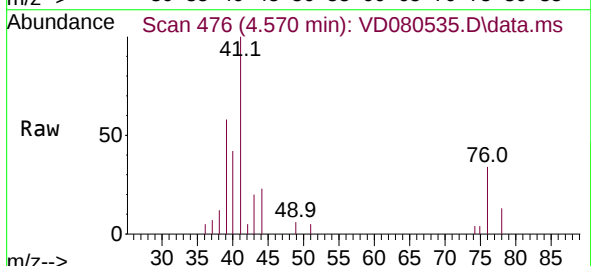
Tgt Ion: 41 Resp: 11589

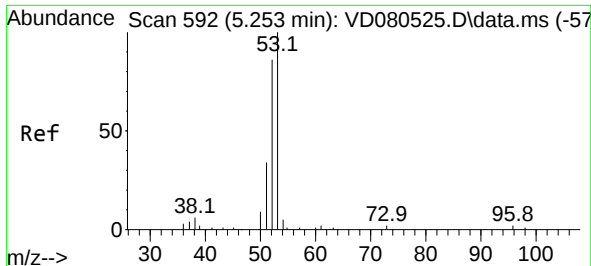
Ion Ratio Lower Upper

41 100

39 68.8 51.4 77.2

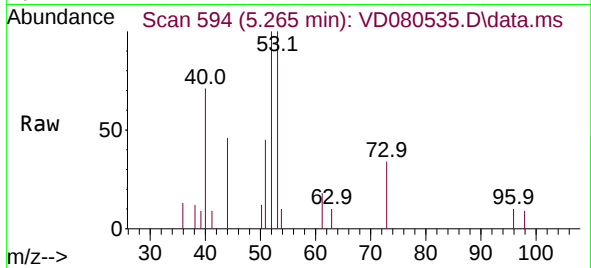
76 37.3 32.6 48.8





#15
Acrylonitrile
Concen: 11.368 ug/l
RT: 5.265 min Scan# 592
Delta R.T. 0.012 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

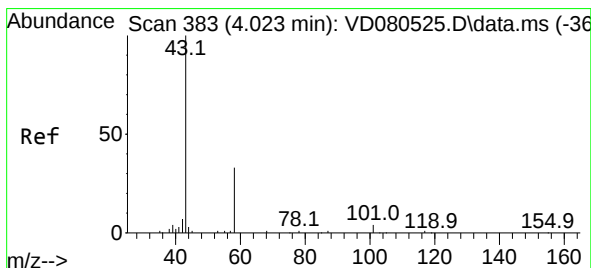
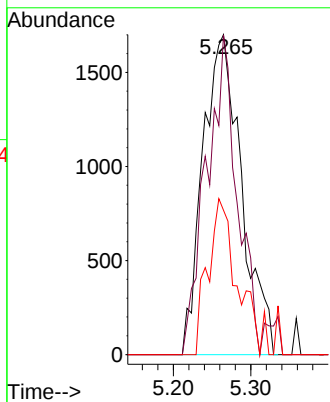
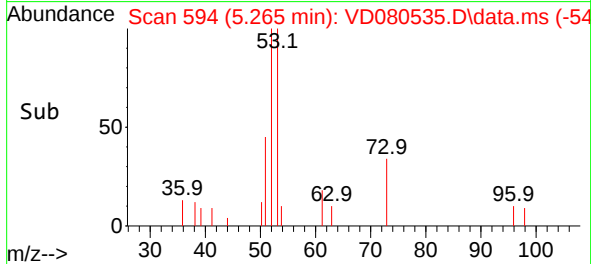
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



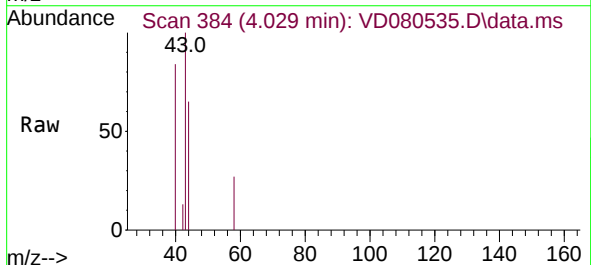
Tgt Ion: 53 Resp: 589
Ion Ratio Lower Upper
53 100
52 79.4 64.9 97.3
51 36.3 28.8 43.2

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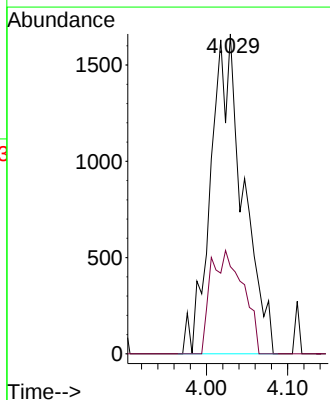
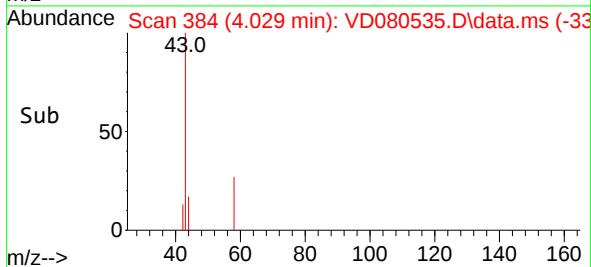
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

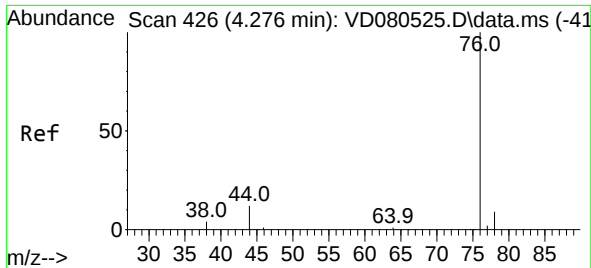


#16
Acetone
Concen: 13.124 ug/l
RT: 4.029 min Scan# 384
Delta R.T. 0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07



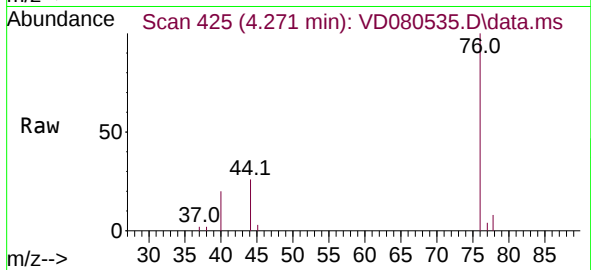
Tgt Ion: 43 Resp: 4626
Ion Ratio Lower Upper
43 100
58 27.3 26.6 40.0





#17
Carbon Disulfide
Concen: 2.403 ug/l
RT: 4.271 min Scan# 426
Delta R.T. -0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

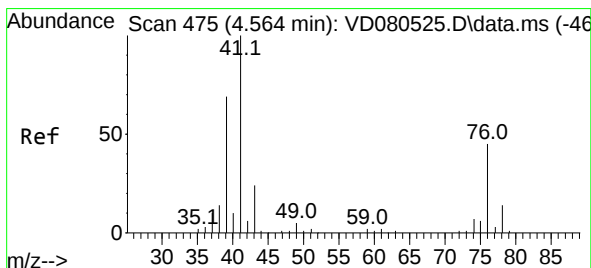
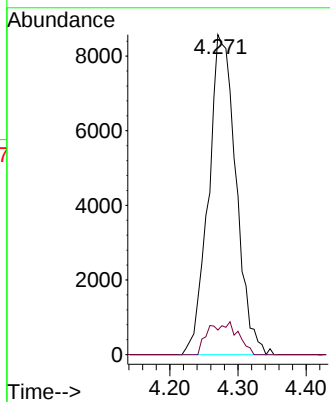
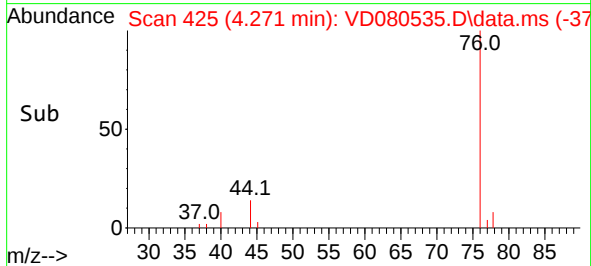
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 76 Resp: 23963
Ion Ratio Lower Upper
76 100
78 7.7 7.0 10.6

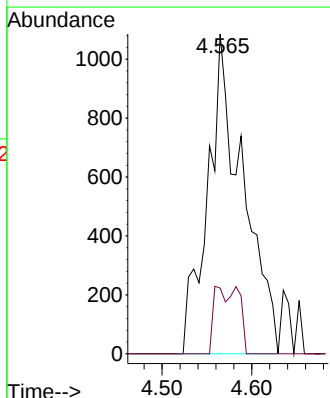
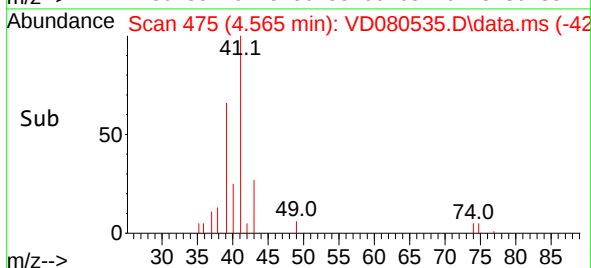
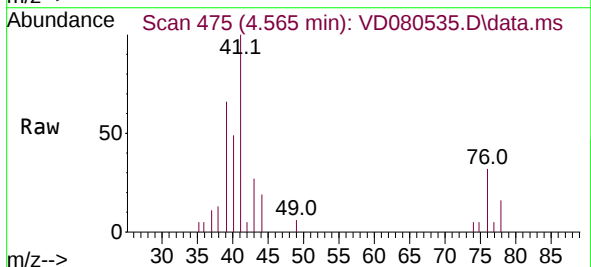
Manual Integrations
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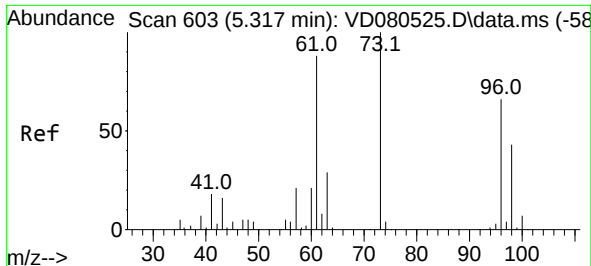
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#18
Methyl Acetate
Concen: 2.736 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

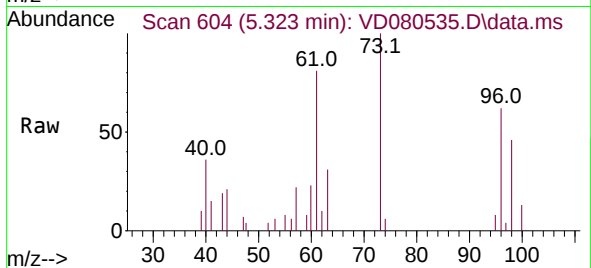
Tgt Ion: 43 Resp: 2966
Ion Ratio Lower Upper
43 100
74 7.5 21.7 32.5#





#19
Methyl tert-butyl Ether
Concen: 2.399 ug/l
RT: 5.323 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

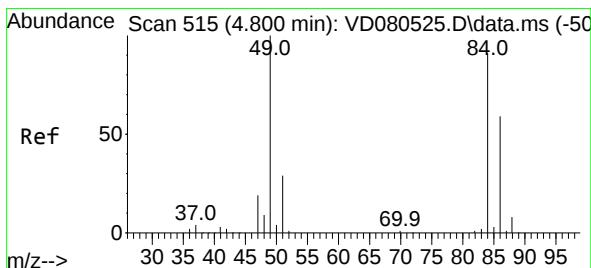
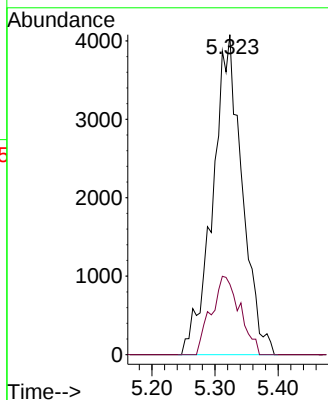
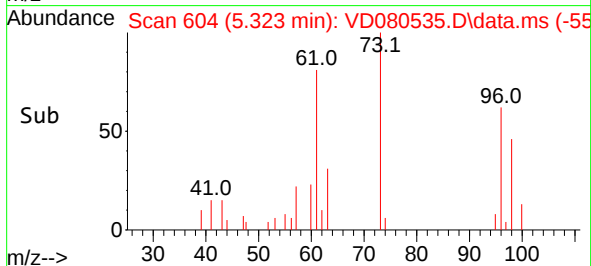
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



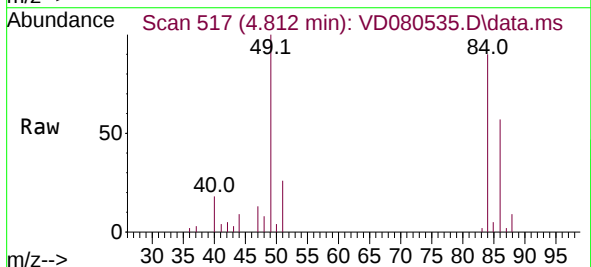
Tgt Ion: 73 Resp: 13176
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7

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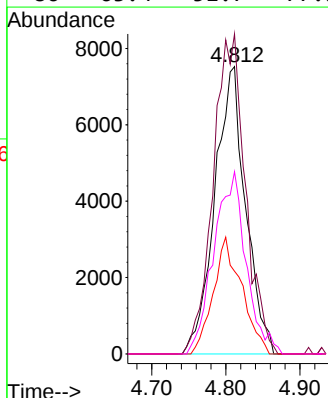
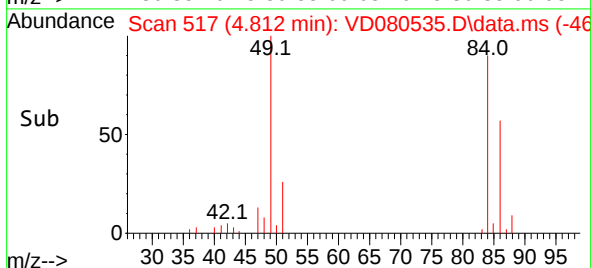
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

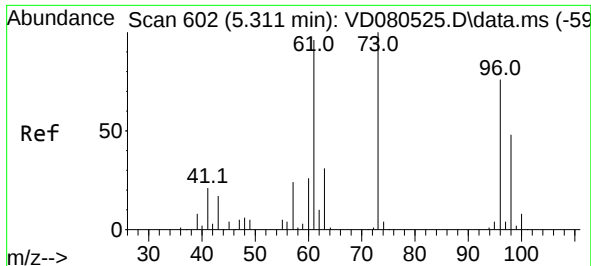


#20
Methylene Chloride
Concen: 6.115 ug/l
RT: 4.812 min Scan# 517
Delta R.T. 0.012 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07



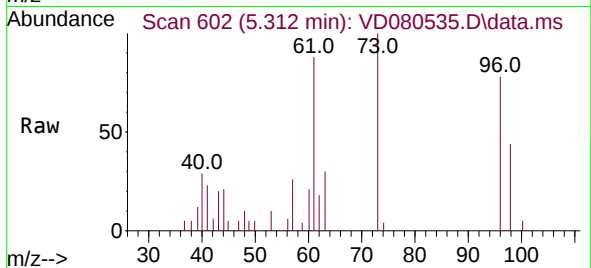
Tgt Ion: 84 Resp: 21759
Ion Ratio Lower Upper
84 100
49 111.4 87.9 131.9
51 28.8 25.4 38.2
86 63.4 51.7 77.5





#21
trans-1,2-Dichloroethene
Concen: 2.563 ug/l
RT: 5.312 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

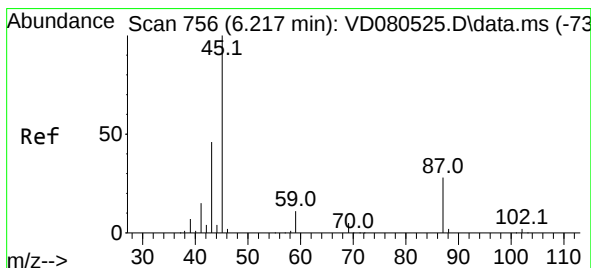
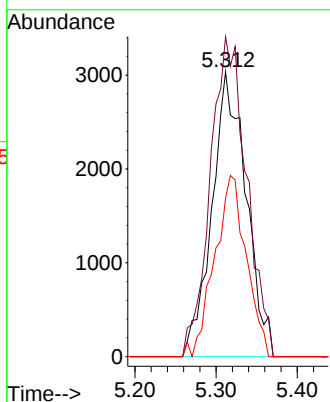
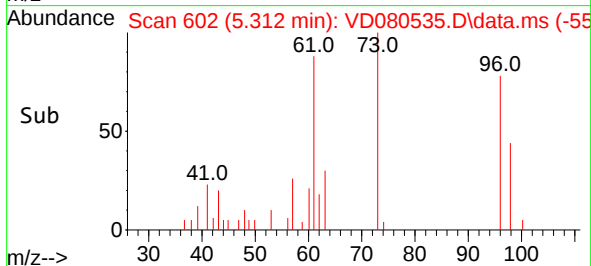
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



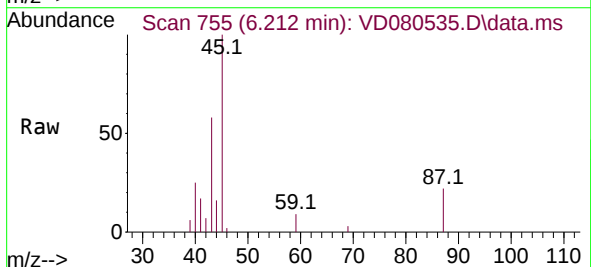
Tgt Ion: 96 Resp: 885
Ion Ratio Lower Upper
96 100
61 112.4 102.0 153.0
98 55.6 50.5 75.7

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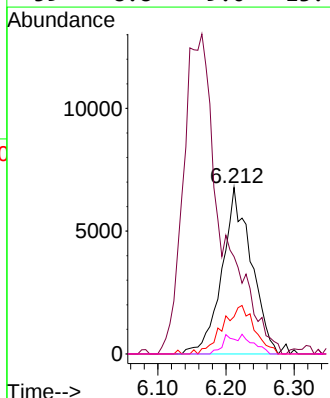
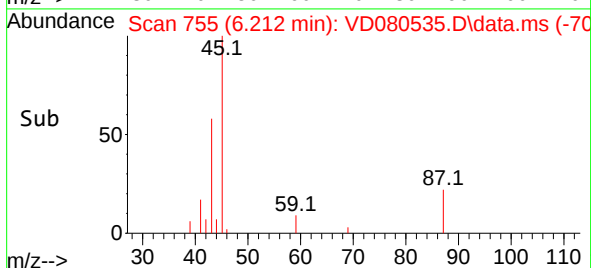
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

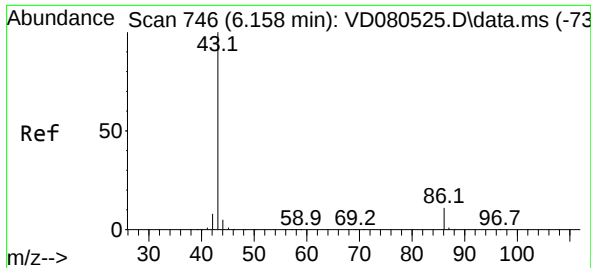


#22
Diisopropyl ether
Concen: 2.308 ug/l
RT: 6.212 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07



Tgt Ion: 45 Resp: 20179
Ion Ratio Lower Upper
45 100
43 52.2 40.6 60.8
87 22.4 23.0 34.6#
59 8.8 9.0 13.4#





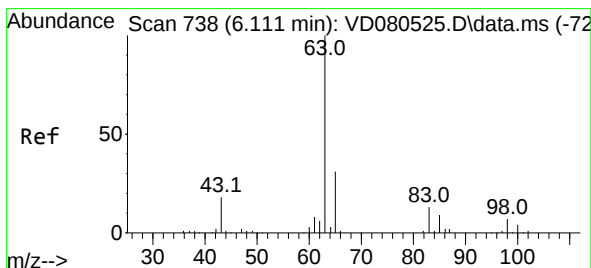
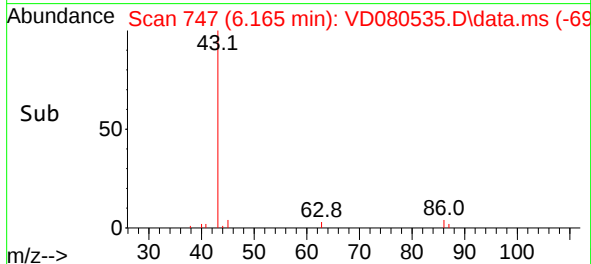
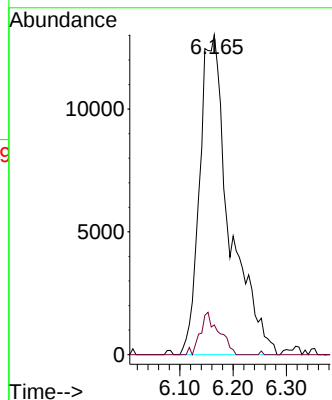
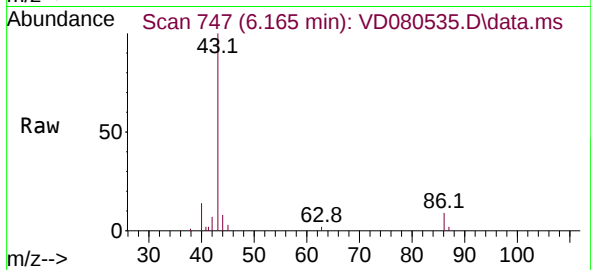
#23
 Vinyl Acetate
 Concen: 11.152 ug/l
 RT: 6.165 min Scan# 746
 Delta R.T. 0.006 min
 Lab File: VD080535.D
 Acq: 18 Nov 2025 12:07

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

Tgt Ion: 43 Resp: 50779
 Ion Ratio Lower Upper
 43 100
 86 9.3 9.1 13.7

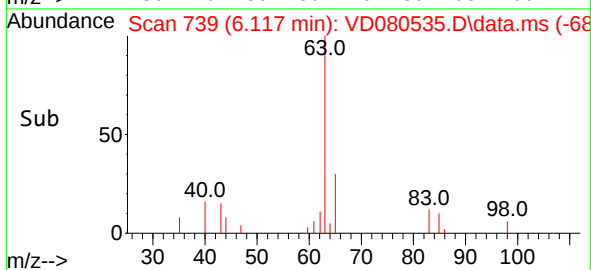
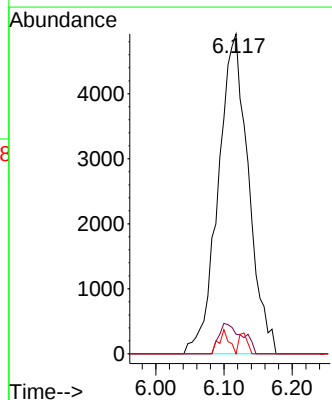
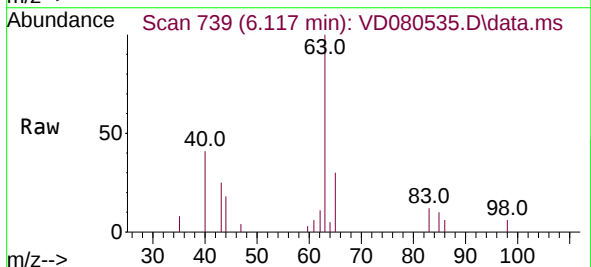
Manual Integrations
 APPROVED

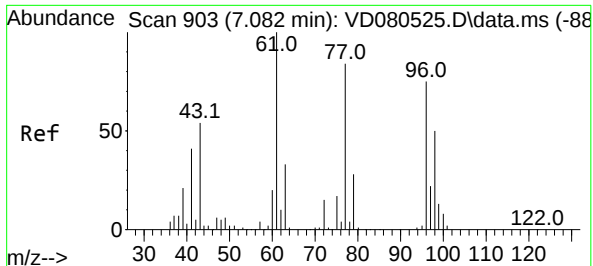
Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025



#24
 1,1-Dichloroethane
 Concen: 2.526 ug/l
 RT: 6.117 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD080535.D
 Acq: 18 Nov 2025 12:07

Tgt Ion: 63 Resp: 15101
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.4
 100 0.0 2.0 6.0#





#25

2-Butanone

Concen: 13.452 ug/l m

RT: 7.076 min Scan# 902

Delta R.T. -0.006 min

Lab File: VD080535.D

Acq: 18 Nov 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

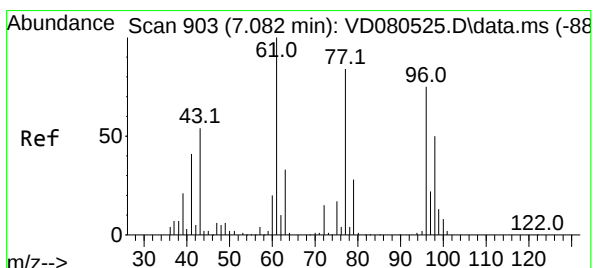
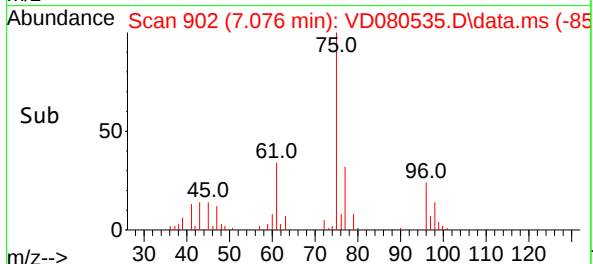
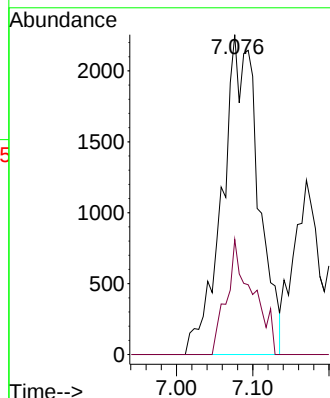
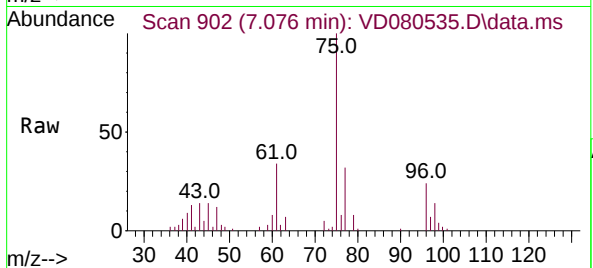
Tgt Ion: 43 Resp: 7435
 Ion Ratio Lower Upper
 43 100
 72 35.9 22.6 34.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#26

2,2-Dichloropropane

Concen: 2.994 ug/l

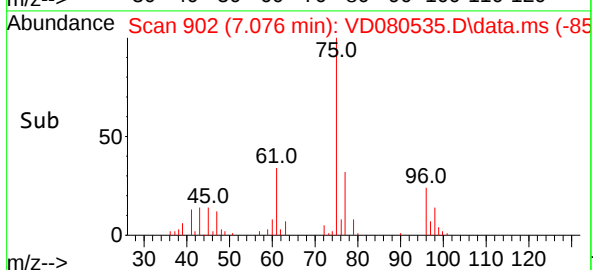
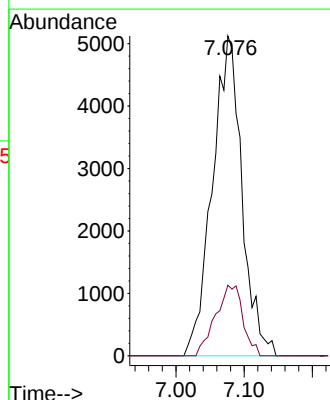
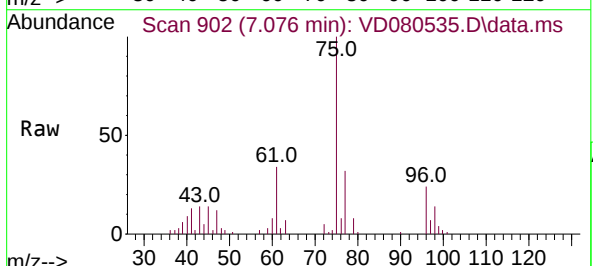
RT: 7.076 min Scan# 902

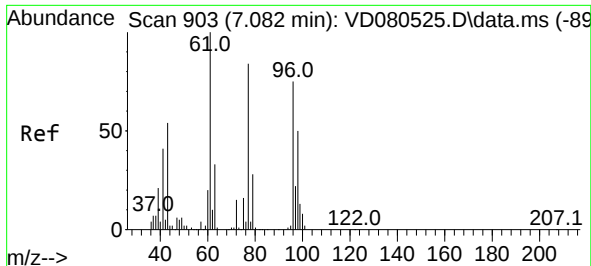
Delta R.T. -0.006 min

Lab File: VD080535.D

Acq: 18 Nov 2025 12:07

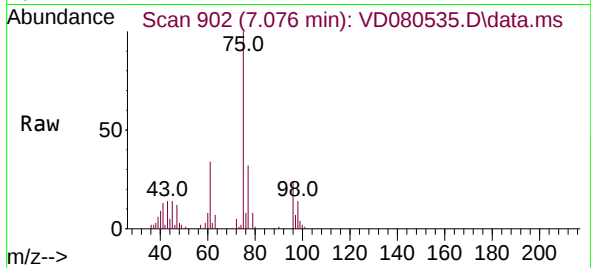
Tgt Ion: 77 Resp: 15395
 Ion Ratio Lower Upper
 77 100
 97 20.4 12.4 37.4





#27
 cis-1,2-Dichloroethene
 Concen: 2.564 ug/l
 RT: 7.076 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VD080535.D
 Acq: 18 Nov 2025 12:07

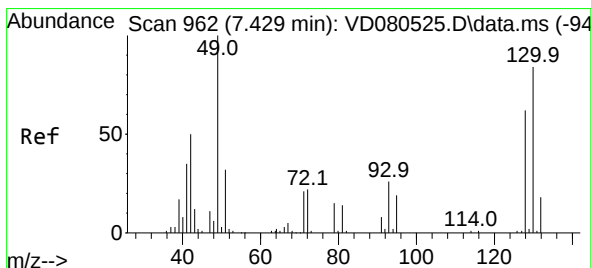
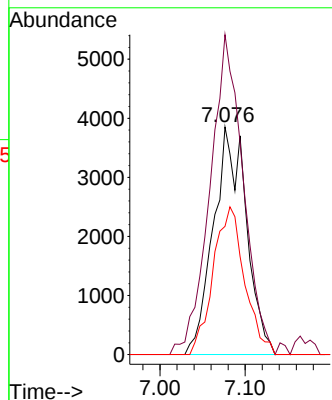
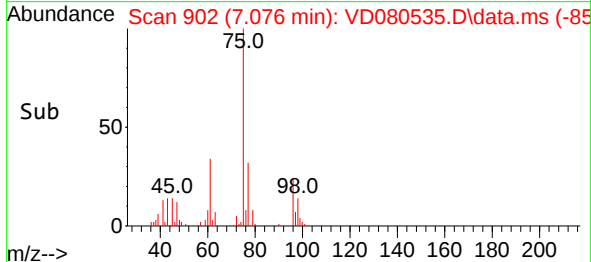
Instrument : MSVOA_D
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 96 Resp: 10323
 Ion Ratio Lower Upper
 96 100
 61 141.9 0.0 271.8
 98 62.0 0.0 130.6

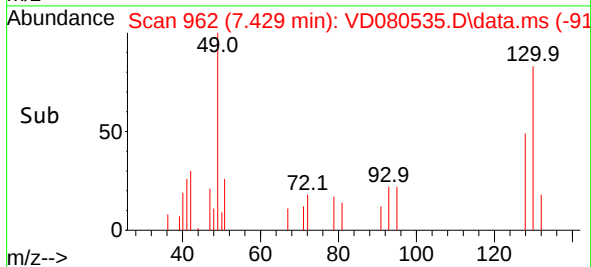
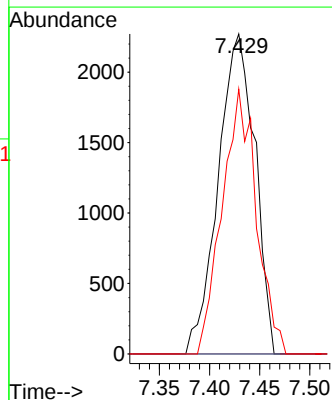
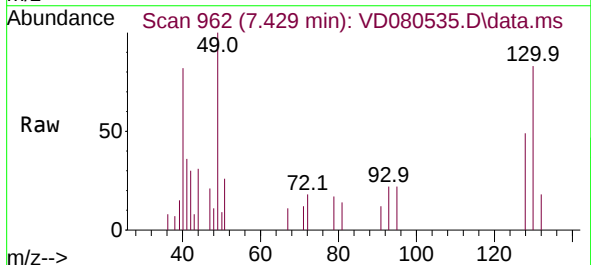
Manual Integrations
 APPROVED

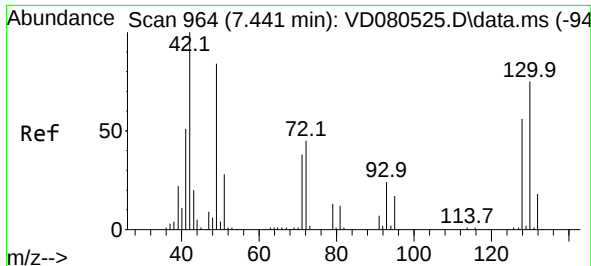
Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025



#28
 Bromochloromethane
 Concen: 2.644 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.000 min
 Lab File: VD080535.D
 Acq: 18 Nov 2025 12:07

Tgt Ion: 49 Resp: 5785
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.4
 130 77.1 64.3 96.5





#29

Tetrahydrofuran

Concen: 12.593 ug/l

RT: 7.447 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD080535.D

Acq: 18 Nov 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 42 Resp: 463

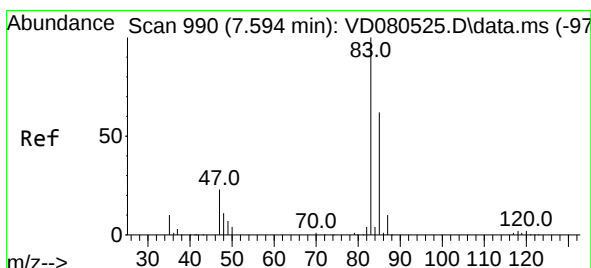
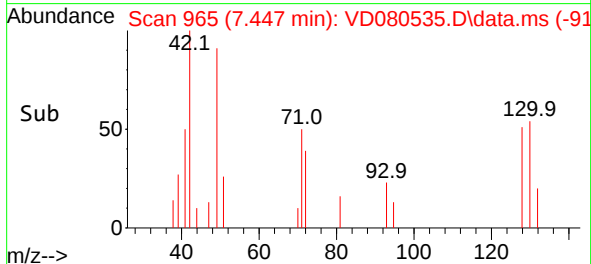
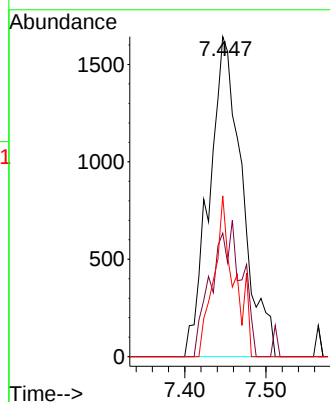
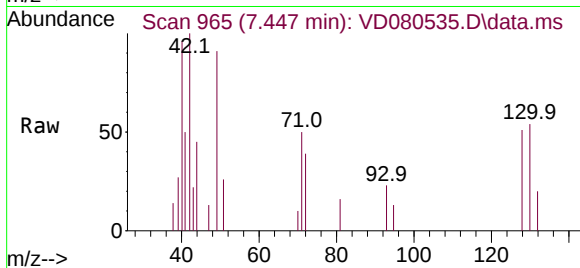
Ion	Ratio	Lower	Upper
42	100		
72	38.5	35.4	53.2
71	31.0	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#30

Chloroform

Concen: 2.387 ug/l

RT: 7.594 min Scan# 990

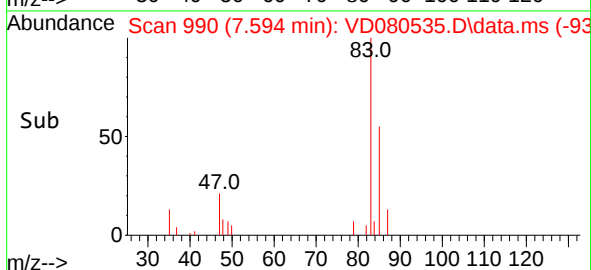
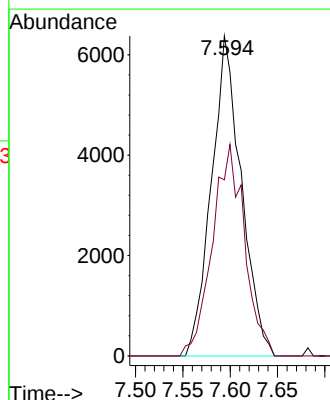
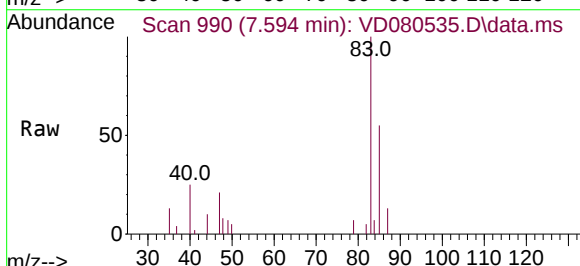
Delta R.T. 0.000 min

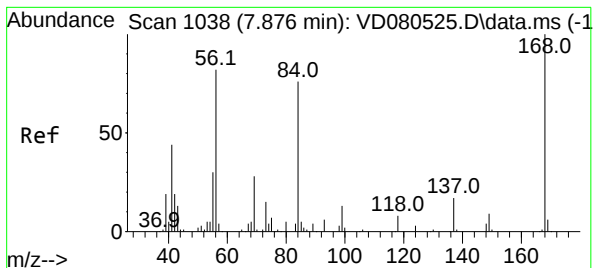
Lab File: VD080535.D

Acq: 18 Nov 2025 12:07

Tgt Ion: 83 Resp: 13996

Ion	Ratio	Lower	Upper
83	100		
85	55.0	49.8	74.8





#31

Cyclohexane

Concen: 3.275 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VD080535.D

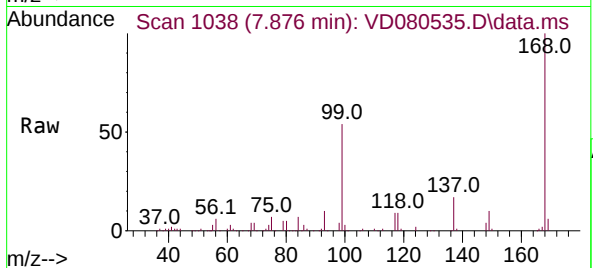
Acq: 18 Nov 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025



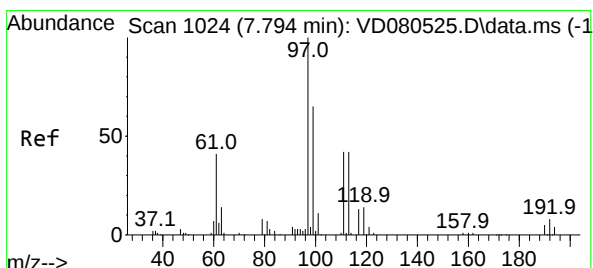
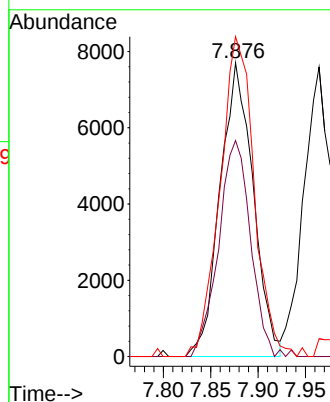
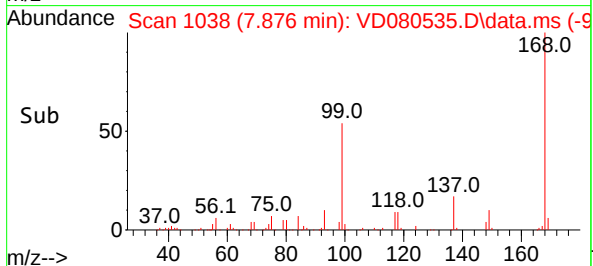
Tgt Ion:	56	Resp:	1875
Ion Ratio	Lower	Upper	
56	100		
69	73.5	27.6	41.4
84	108.9	74.6	111.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#32

1,1,1-Trichloroethane

Concen: 2.525 ug/l

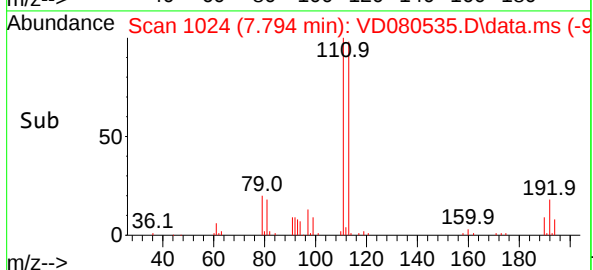
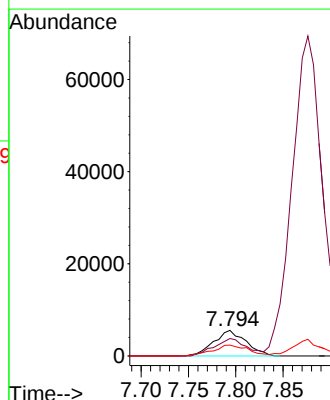
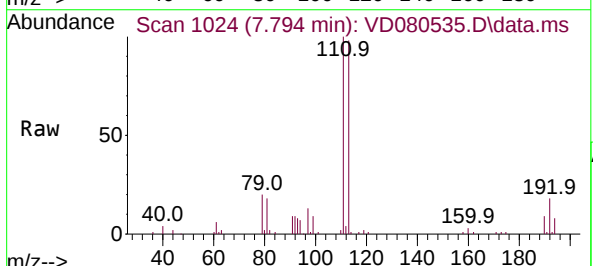
RT: 7.794 min Scan# 1024

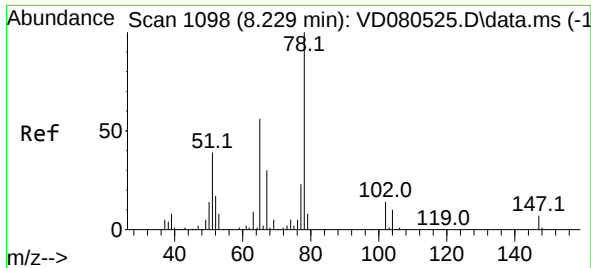
Delta R.T. 0.000 min

Lab File: VD080535.D

Acq: 18 Nov 2025 12:07

Tgt Ion:	97	Resp:	13002
Ion Ratio	Lower	Upper	
97	100		
99	68.6	50.4	75.6
61	46.6	32.8	49.2





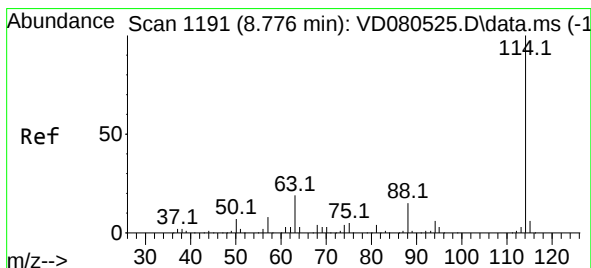
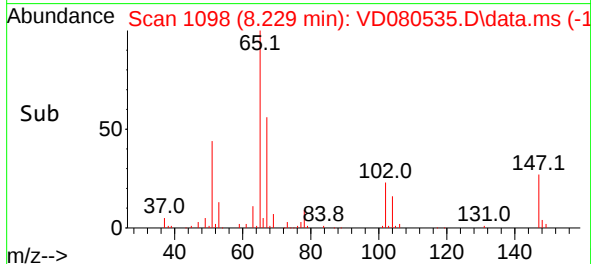
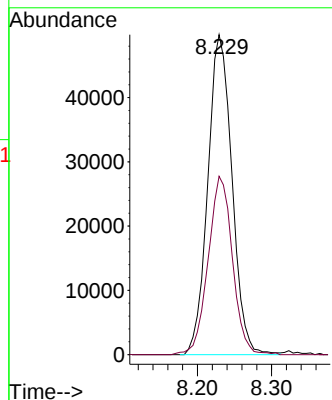
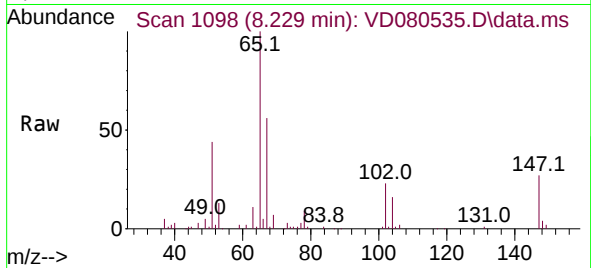
#33
1,2-Dichloroethane-d4
Concen: 46.820 ug/l
RT: 8.229 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

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

Tgt Ion: 65 Resp: 112884
Ion Ratio Lower Upper
65 100
67 56.0 0.0 109.6

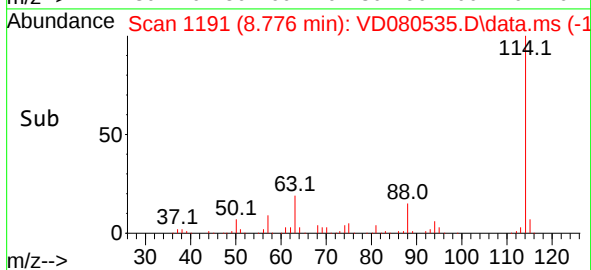
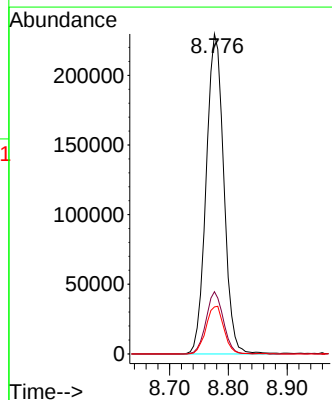
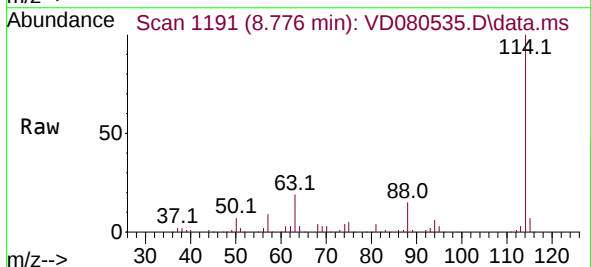
Manual Integrations
APPROVED

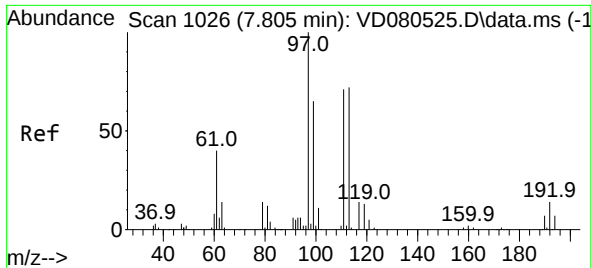
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.776 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

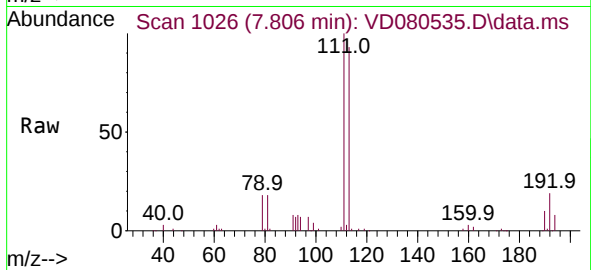
Tgt Ion:114 Resp: 477596
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.2
88 14.7 0.0 29.6





#35
Dibromofluoromethane
Concen: 48.715 ug/l
RT: 7.806 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

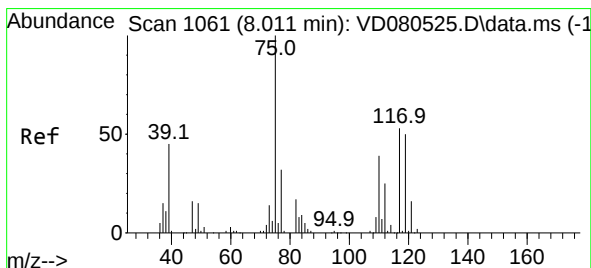
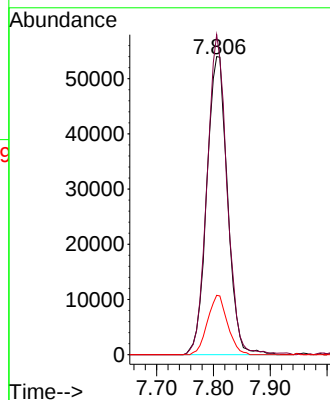
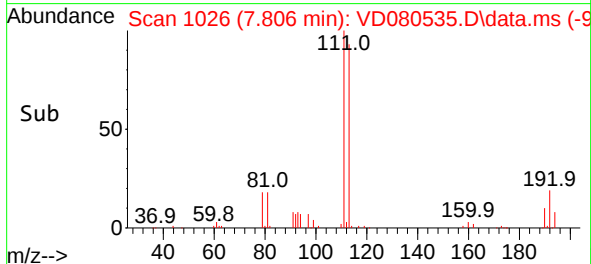
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 113 Resp: 136972
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.1 16.0 24.0

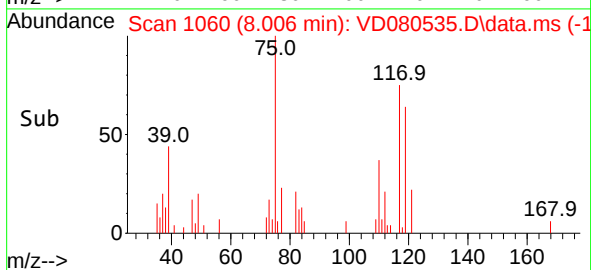
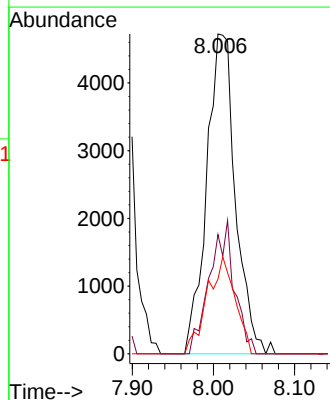
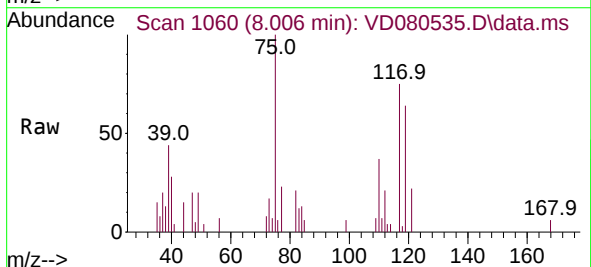
Manual Integrations
APPROVED

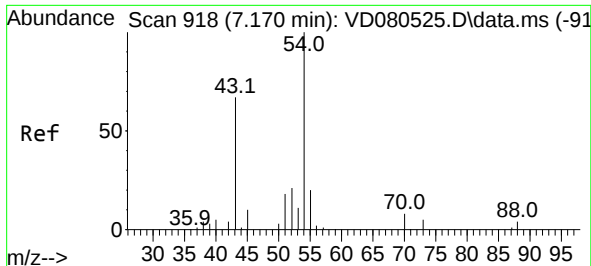
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#36
1,1-Dichloropropene
Concen: 2.687 ug/l
RT: 8.006 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

Tgt Ion: 75 Resp: 11679
Ion Ratio Lower Upper
75 100
110 35.8 18.9 56.5
77 29.4 25.8 38.8





#37

Ethyl Acetate

Concen: 2.597 ug/l

RT: 7.170 min Scan# 918

Delta R.T. 0.000 min

Lab File: VD080535.D

Acq: 18 Nov 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 43 Resp: 3415

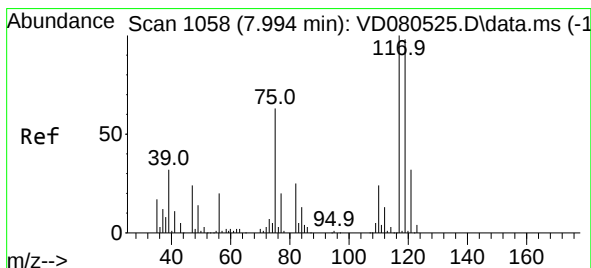
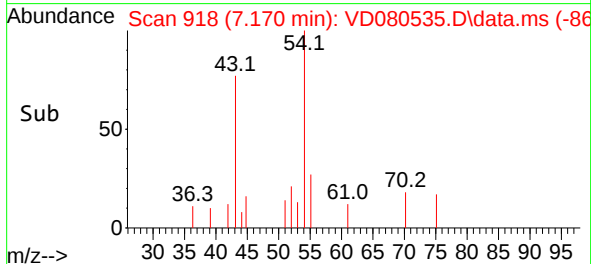
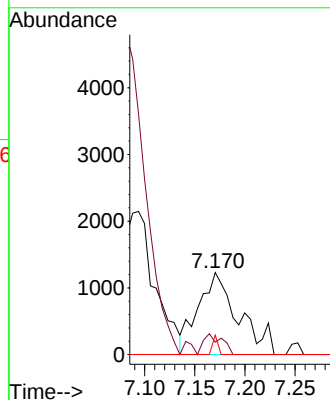
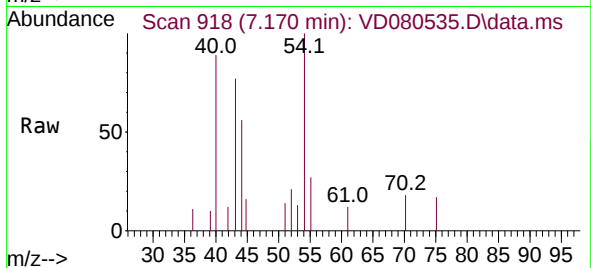
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.9	17.9
70	3.0	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#38

Carbon Tetrachloride

Concen: 2.655 ug/l

RT: 7.994 min Scan# 1058

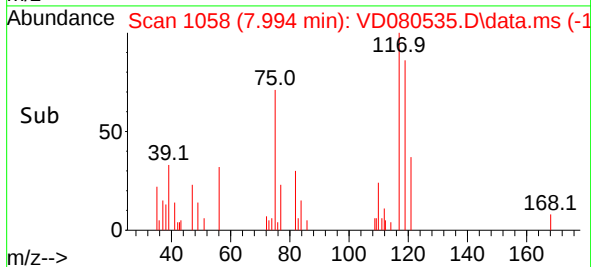
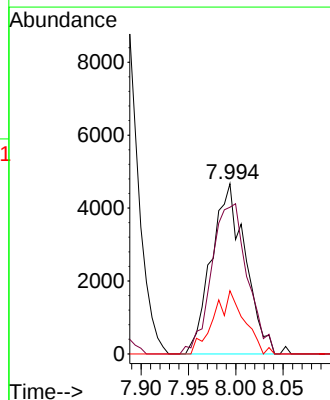
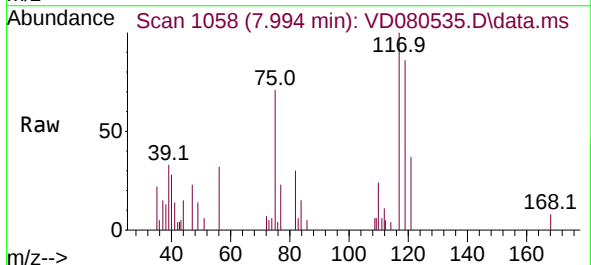
Delta R.T. 0.000 min

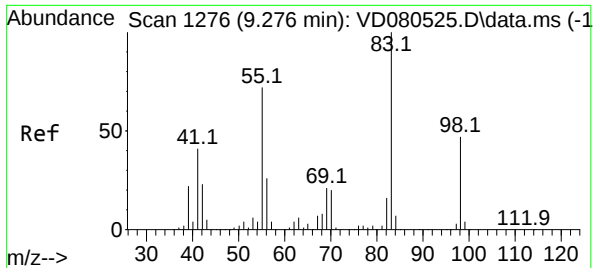
Lab File: VD080535.D

Acq: 18 Nov 2025 12:07

Tgt Ion:117 Resp: 11597

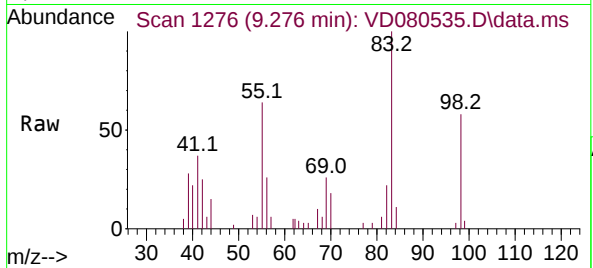
Ion	Ratio	Lower	Upper
117	100		
119	86.1	78.2	117.4
121	37.1	25.8	38.6





#39
Methylcyclohexane
Concen: 2.734 ug/l
RT: 9.276 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

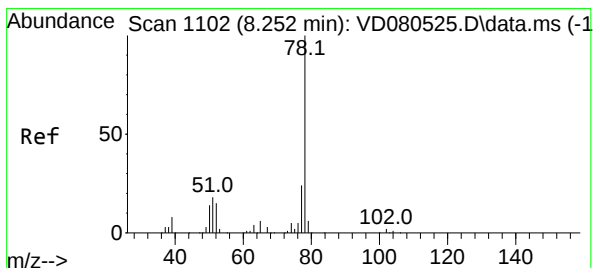
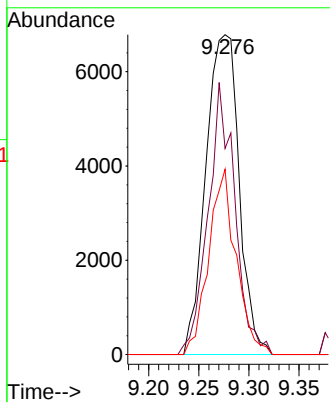
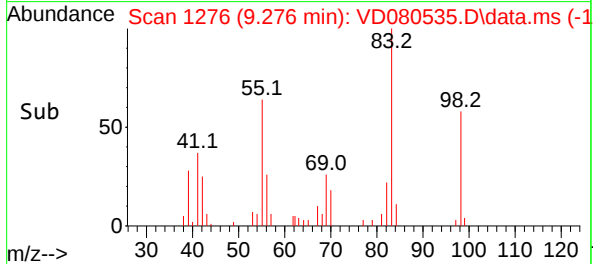
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 83 Resp: 15672
Ion Ratio Lower Upper
83 100
55 64.4 57.8 86.8
98 57.9 37.8 56.8

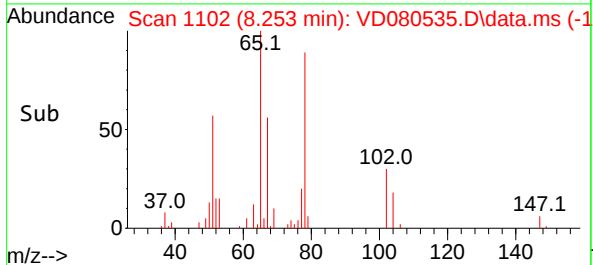
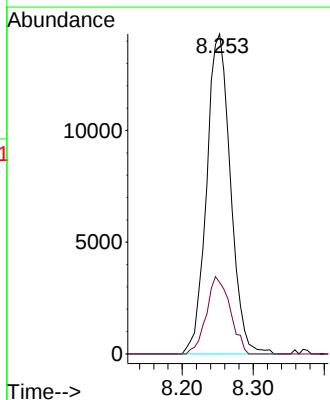
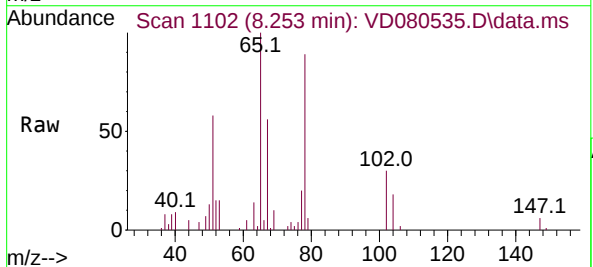
Manual Integrations
APPROVED

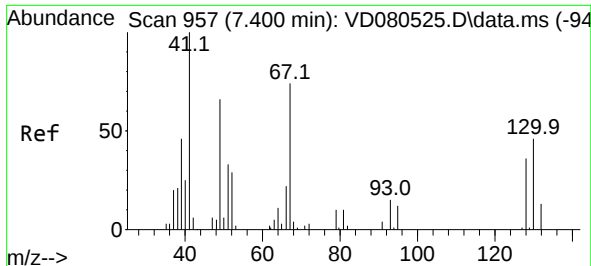
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#40
Benzene
Concen: 2.481 ug/l
RT: 8.253 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

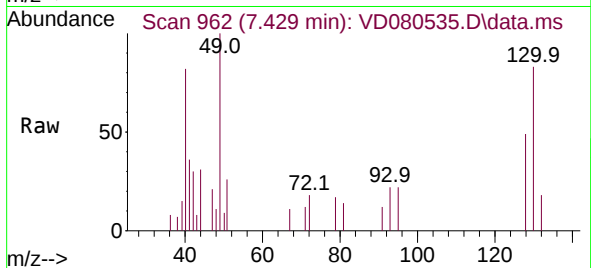
Tgt Ion: 78 Resp: 33397
Ion Ratio Lower Upper
78 100
77 22.3 19.3 28.9





#41
Methacrylonitrile
Concen: 2.939 ug/l
RT: 7.429 min Scan# 962
Delta R.T. 0.030 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

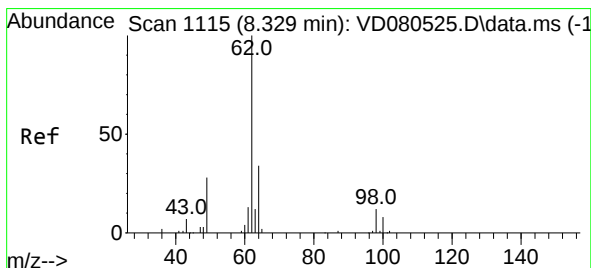
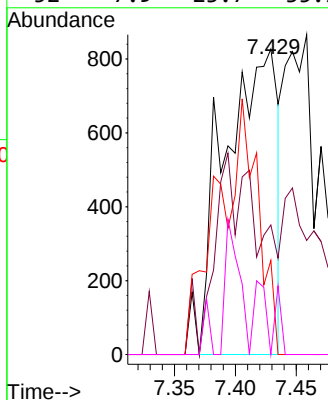
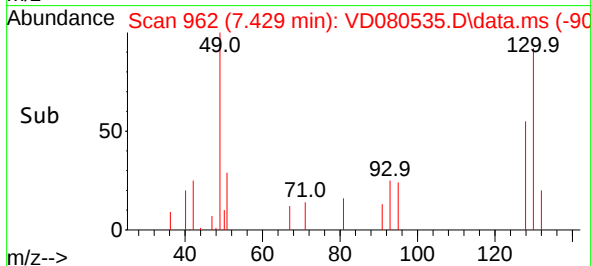
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 41 Resp: 2524
Ion Ratio Lower Upper
41 100
39 0.0 44.3 66.5
67 0.0 64.0 96.0
52 7.9 23.7 35.5

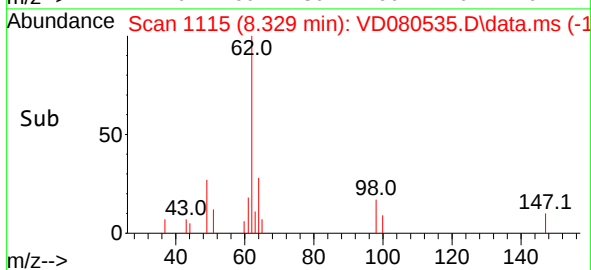
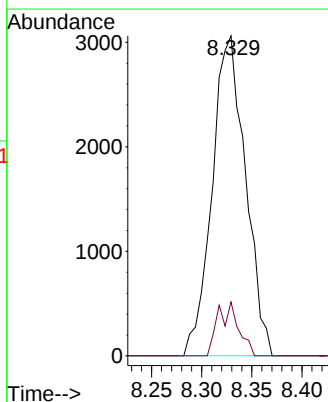
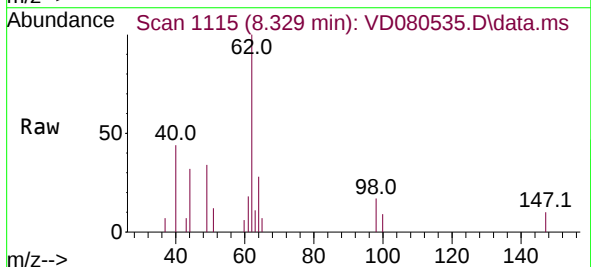
Manual Integrations
APPROVED

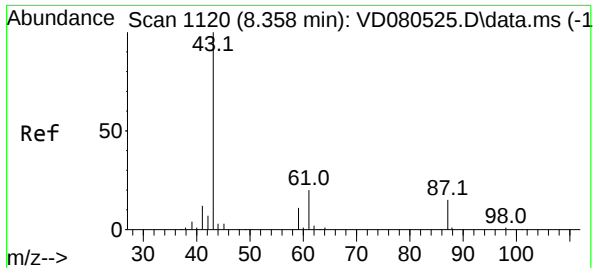
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#42
1,2-Dichloroethane
Concen: 2.523 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

Tgt Ion: 62 Resp: 7088
Ion Ratio Lower Upper
62 100
98 10.5 0.0 22.8





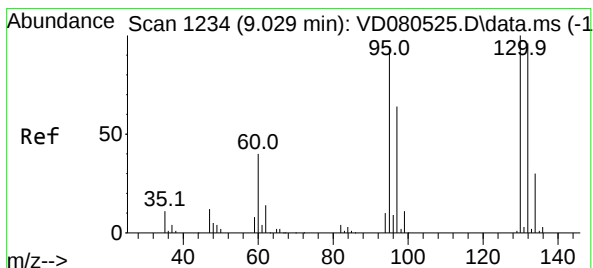
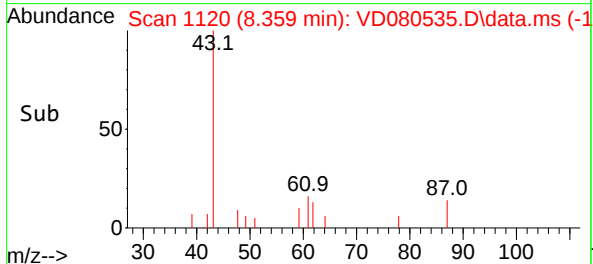
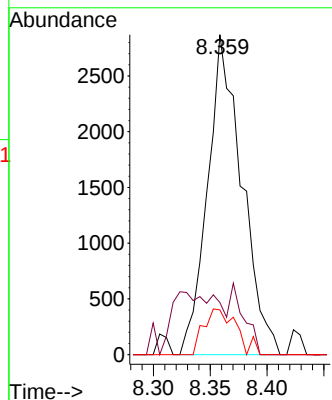
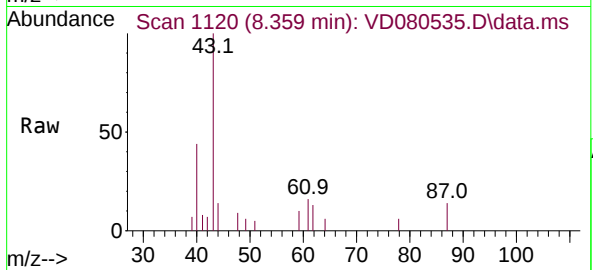
#43
Isopropyl Acetate
Concen: 2.337 ug/l
RT: 8.359 min Scan# 1120
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

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

Tgt Ion: 43 Resp: 6026
Ion Ratio Lower Upper
43 100
61 0.0 26.3 39.5
87 13.6 11.1 16.7

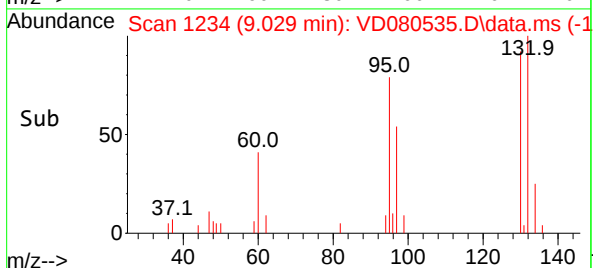
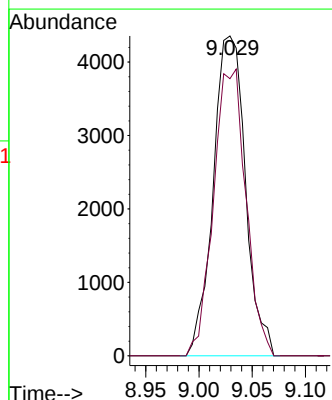
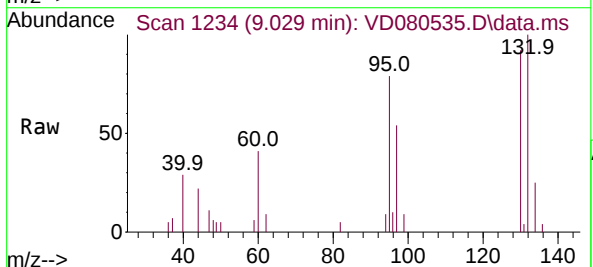
Manual Integrations
APPROVED

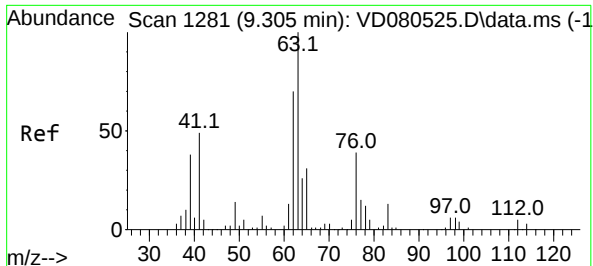
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#44
Trichloroethene
Concen: 2.701 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

Tgt Ion:130 Resp: 9189
Ion Ratio Lower Upper
130 100
95 86.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 2.440 ug/l

RT: 9.311 min Scan# 1282

Delta R.T. 0.006 min

Lab File: VD080535.D

Acq: 18 Nov 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

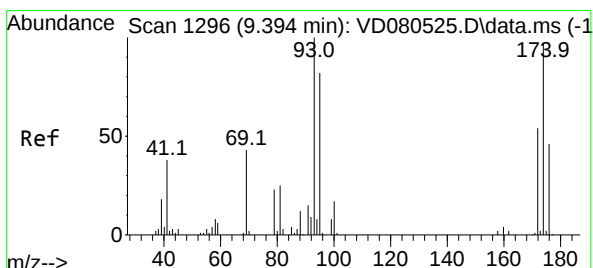
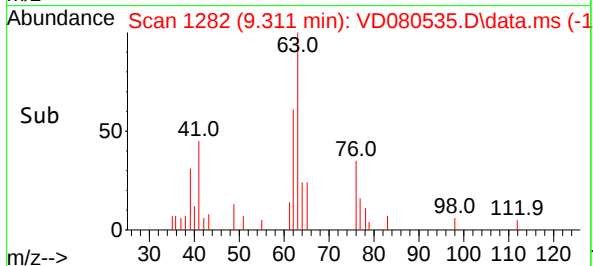
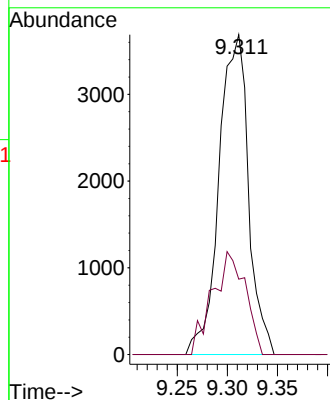
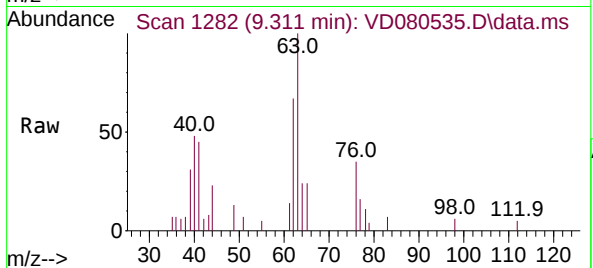
Tgt Ion: 63 Resp: 7520
 Ion Ratio Lower Upper
 63 100
 65 23.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#46

Dibromomethane

Concen: 2.430 ug/l

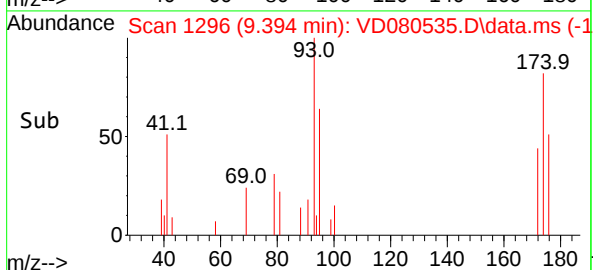
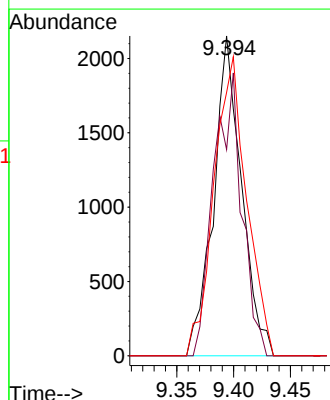
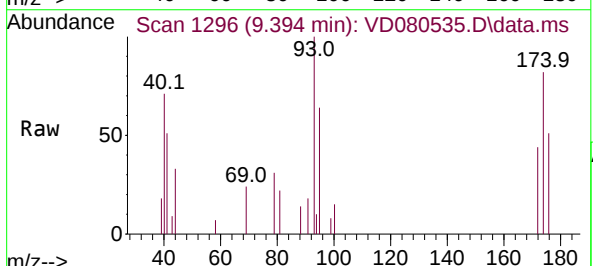
RT: 9.394 min Scan# 1296

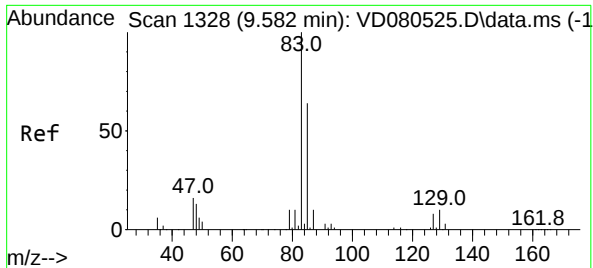
Delta R.T. 0.000 min

Lab File: VD080535.D

Acq: 18 Nov 2025 12:07

Tgt Ion: 93 Resp: 3694
 Ion Ratio Lower Upper
 93 100
 95 88.7 68.2 102.2
 174 108.9 79.5 119.3





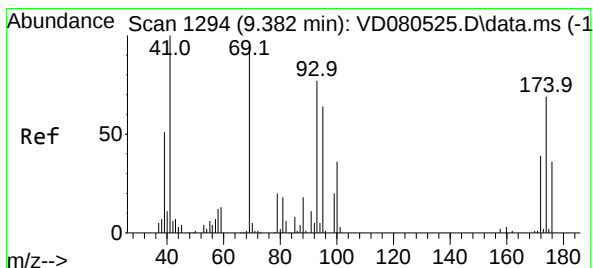
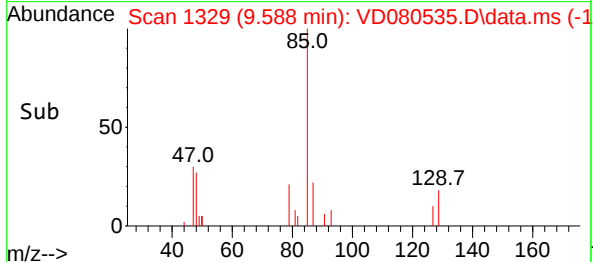
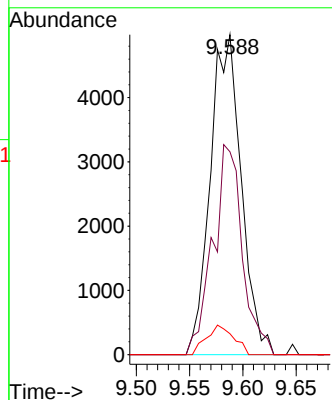
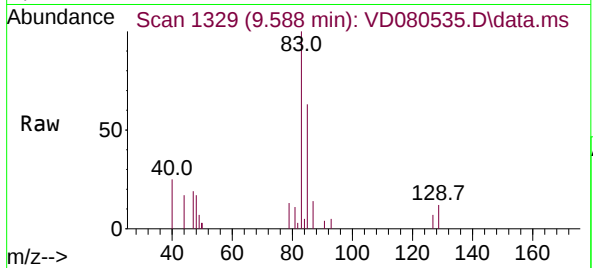
#47
Bromodichloromethane
Concen: 2.452 ug/l
RT: 9.588 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

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

Tgt Ion: 83 Resp: 1006
Ion Ratio Lower Upper
83 100
85 63.4 51.0 76.6
127 6.5 6.5 9.7

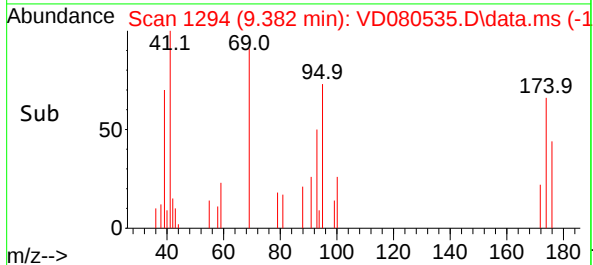
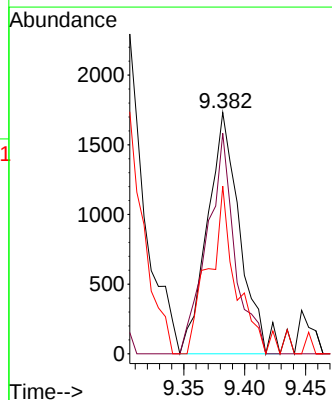
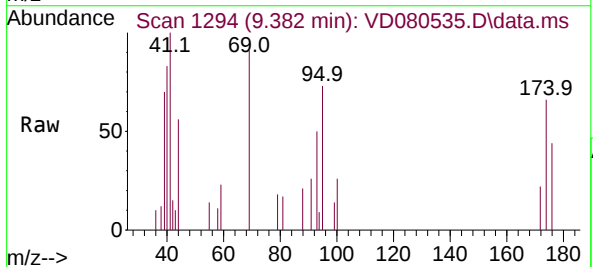
Manual Integrations
APPROVED

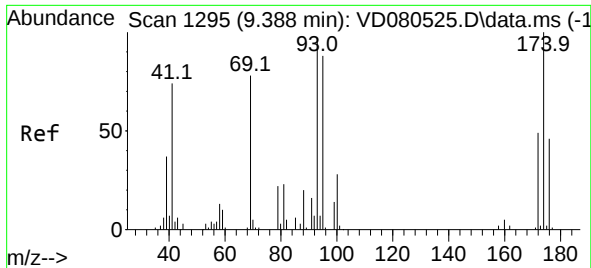
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#48
Methyl methacrylate
Concen: 2.521 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

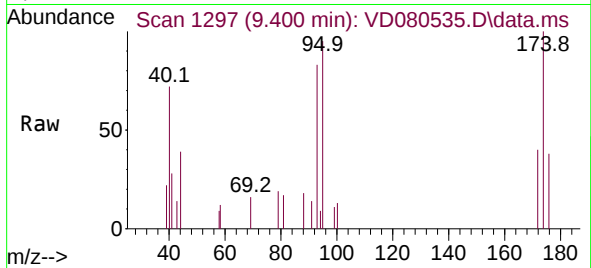
Tgt Ion: 41 Resp: 3227
Ion Ratio Lower Upper
41 100
69 78.4 74.5 111.7
39 56.6 40.6 61.0





#49
1,4-Dioxane
Concen: 41.924 ug/l m
RT: 9.400 min Scan# 1295
Delta R.T. 0.012 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

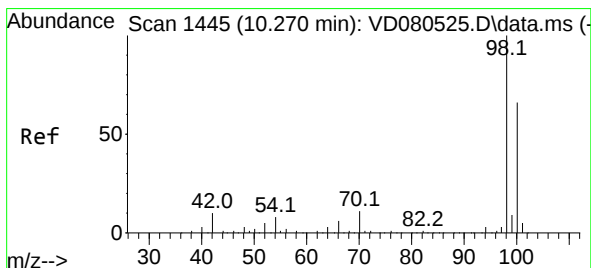
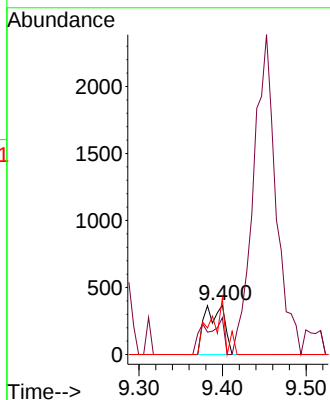
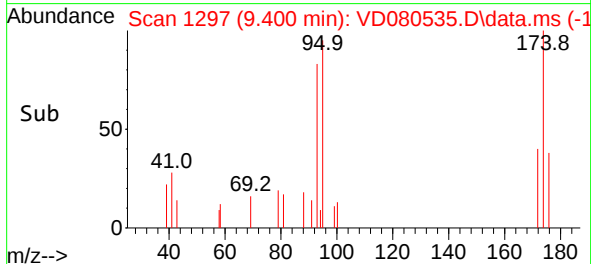
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 88 Resp: 594
Ion Ratio Lower Upper
88 100
43 32.8 28.0 42.0
58 0.0 52.7 79.1

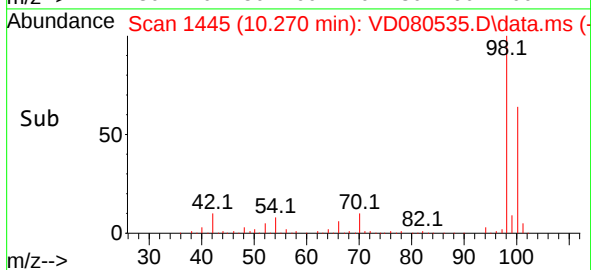
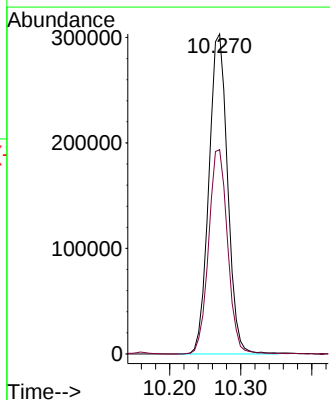
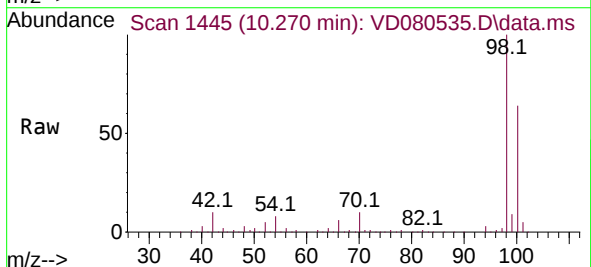
Manual Integrations
APPROVED

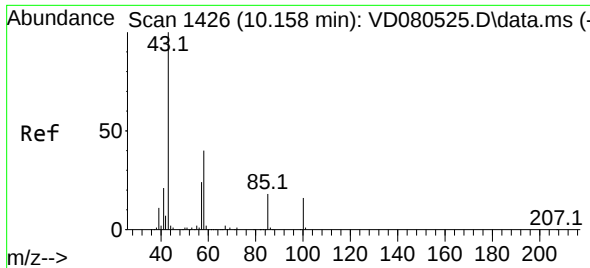
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#50
Toluene-d8
Concen: 48.832 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

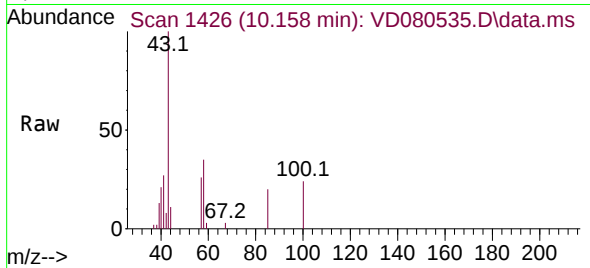
Tgt Ion: 98 Resp: 555444
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 11.433 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

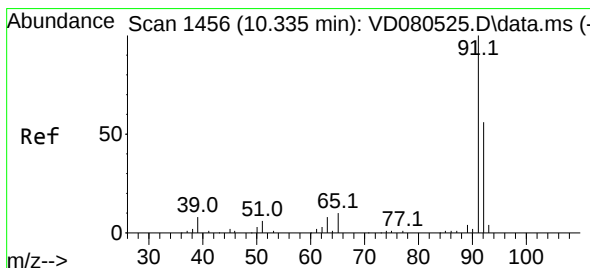
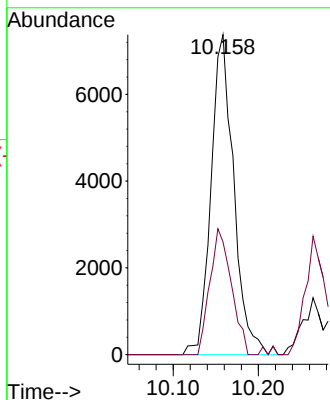
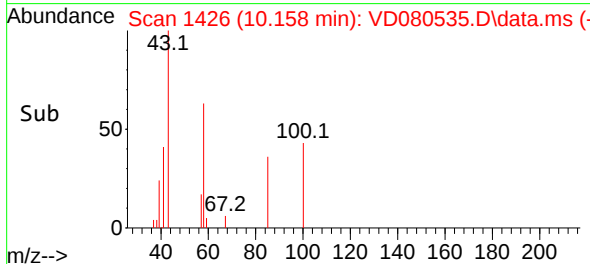
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



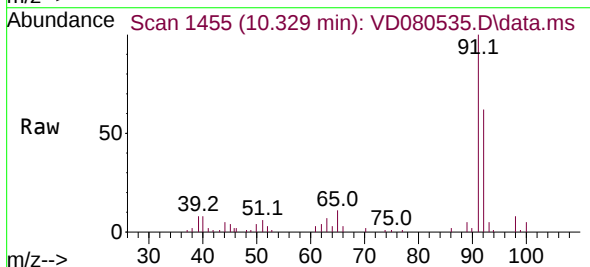
Tgt Ion: 43 Resp: 13680
Ion Ratio Lower Upper
43 100
58 37.1 32.8 49.2

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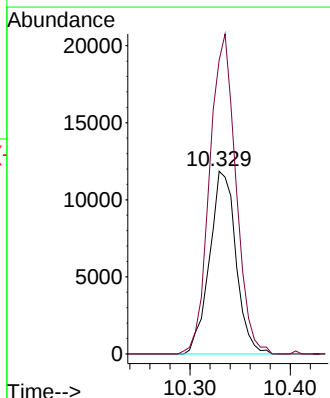
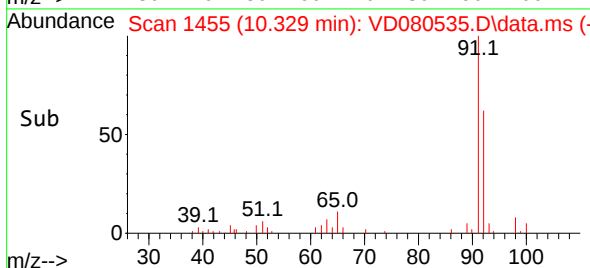
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

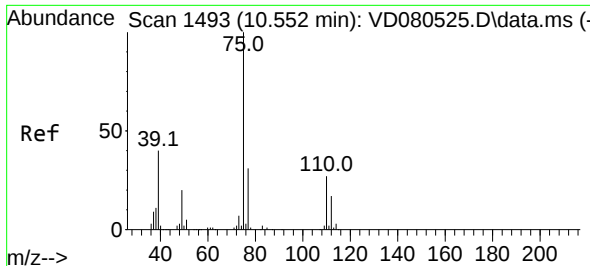


#52
Toluene
Concen: 2.544 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. -0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07



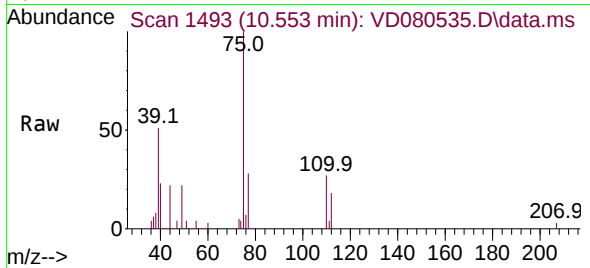
Tgt Ion: 92 Resp: 21653
Ion Ratio Lower Upper
92 100
91 174.4 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 2.348 ug/l
RT: 10.553 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

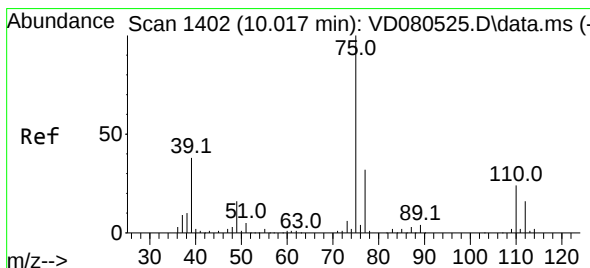
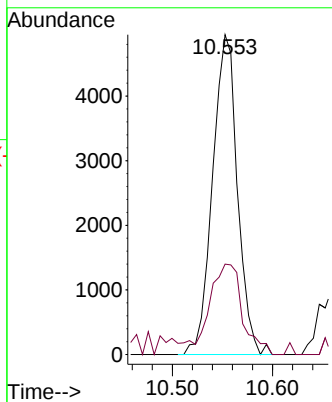
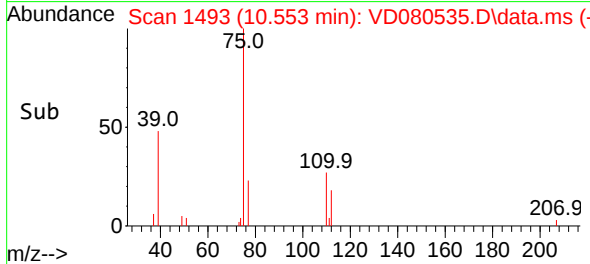
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



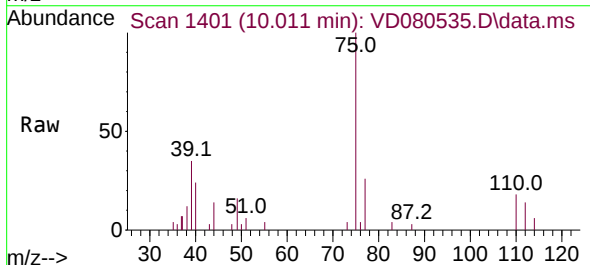
Tgt Ion: 75 Resp: 8542
Ion Ratio Lower Upper
75 100
77 28.3 24.7 37.1

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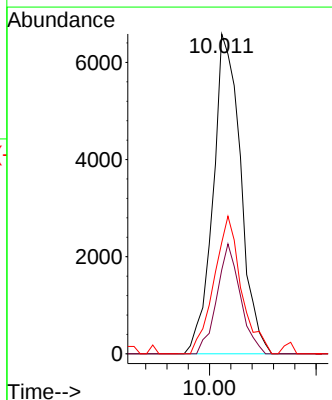
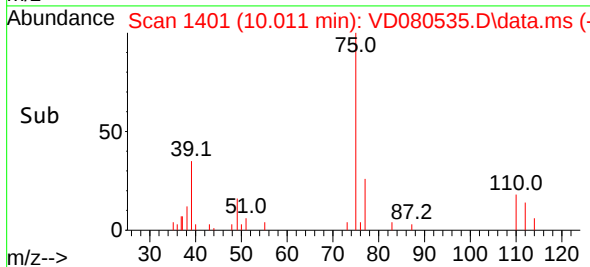
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

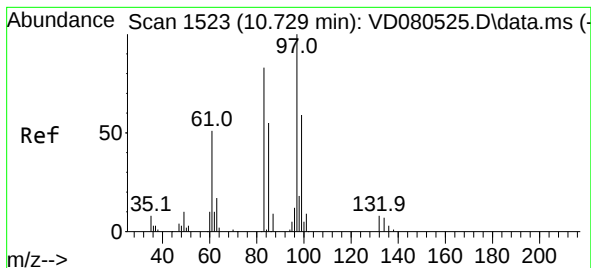


#54
cis-1,3-Dichloropropene
Concen: 2.524 ug/l
RT: 10.011 min Scan# 1401
Delta R.T. -0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07



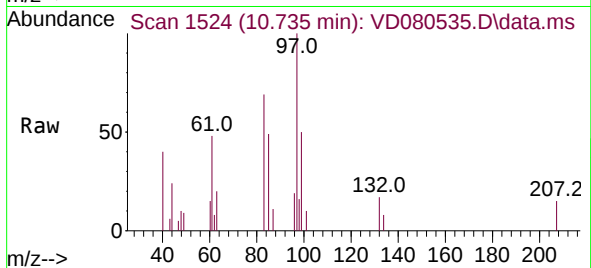
Tgt Ion: 75 Resp: 11840
Ion Ratio Lower Upper
75 100
77 26.2 25.8 38.6
39 34.8 30.7 46.1





#55
1,1,2-Trichloroethane
Concen: 2.527 ug/l
RT: 10.735 min Scan# 1500
Delta R.T. 0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

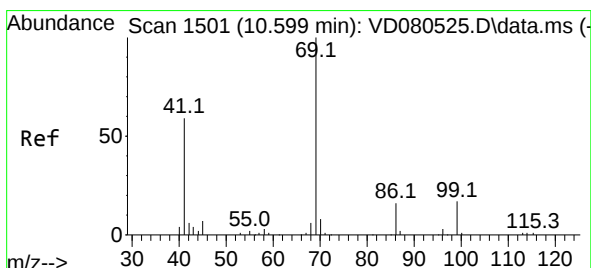
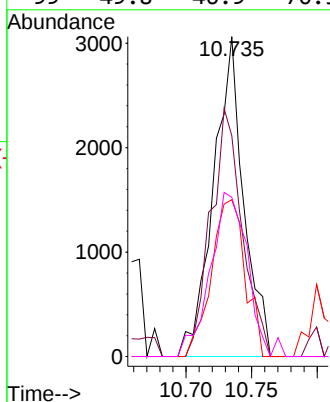
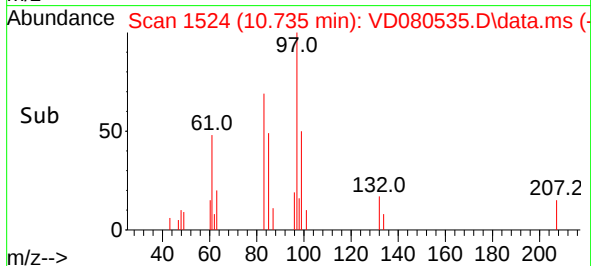
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



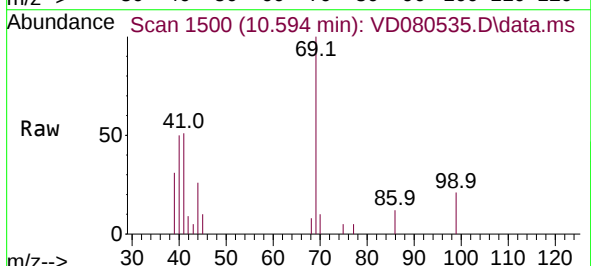
Tgt Ion:	97	Resp:	4914
Ion Ratio	100	Lower	Upper
83	69.0	66.3	99.5
85	49.0	43.8	65.8
99	49.8	46.9	70.3

Manual Integrations
APPROVED

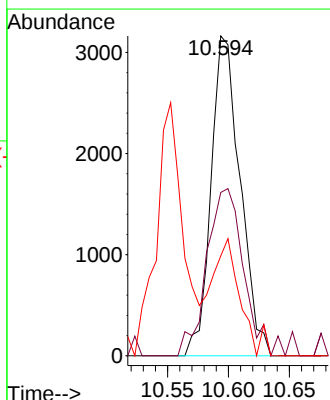
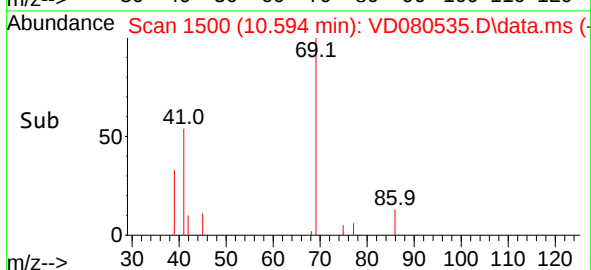
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

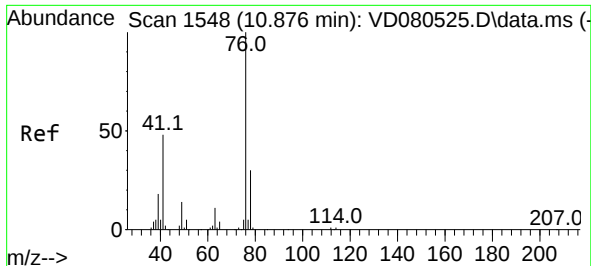


#56
Ethyl methacrylate
Concen: 2.347 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. -0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07



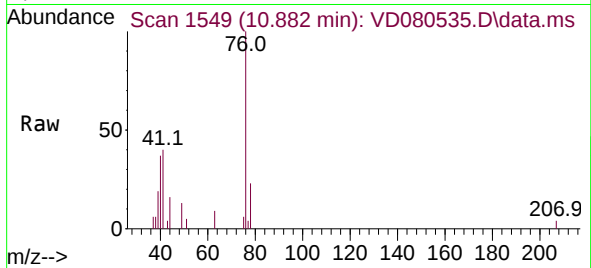
Tgt Ion:	69	Resp:	5265
Ion Ratio	100	Lower	Upper
41	66.6	49.6	74.4
39	36.4	23.5	35.3





#57
1,3-Dichloropropane
Concen: 2.439 ug/l
RT: 10.882 min Scan# 1549
Delta R.T. 0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

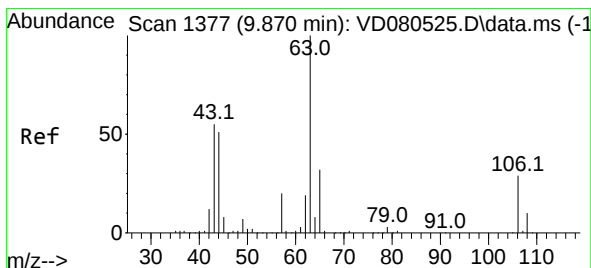
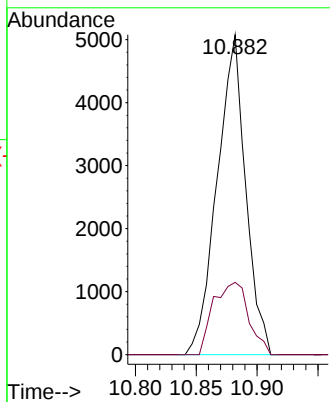
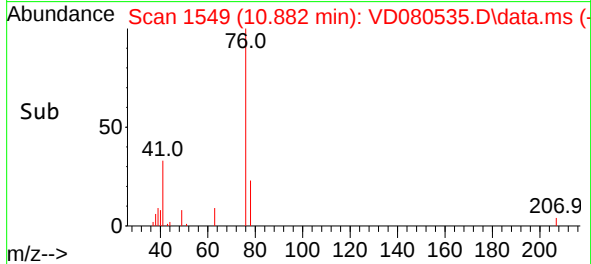
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 76 Resp: 8276
Ion Ratio Lower Upper
76 100
78 27.9 25.8 38.8

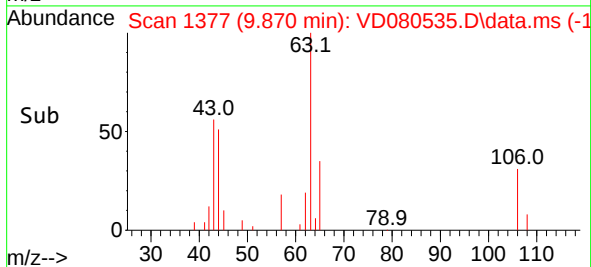
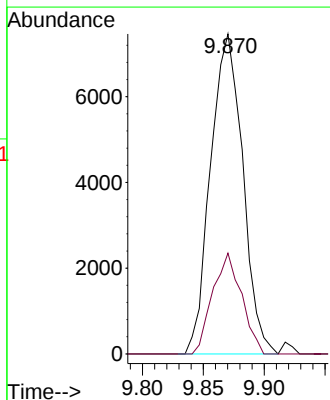
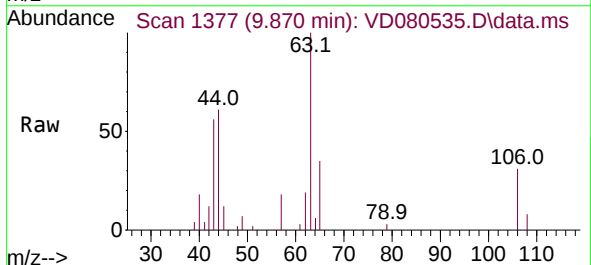
Manual Integrations
APPROVED

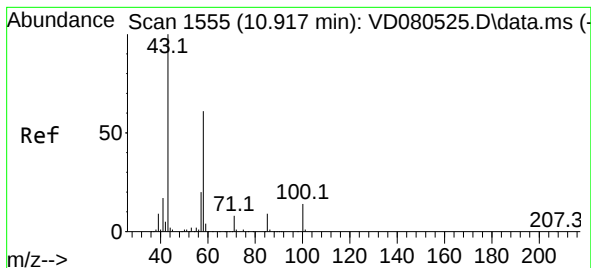
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 10.922 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

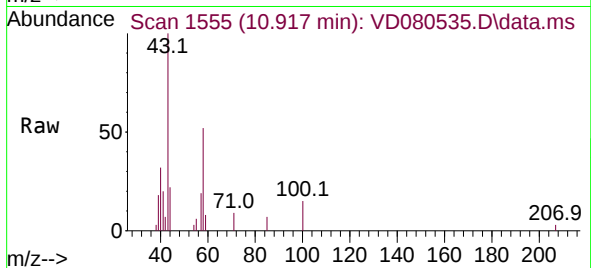
Tgt Ion: 63 Resp: 13749
Ion Ratio Lower Upper
63 100
106 28.3 22.6 33.8





#59
2-Hexanone
Concen: 10.619 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

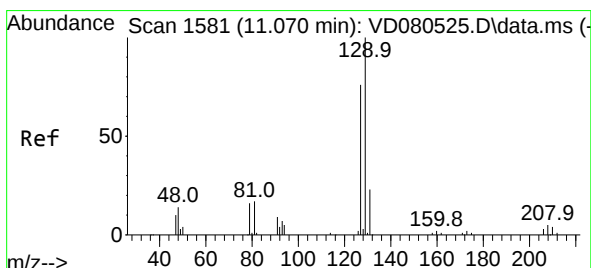
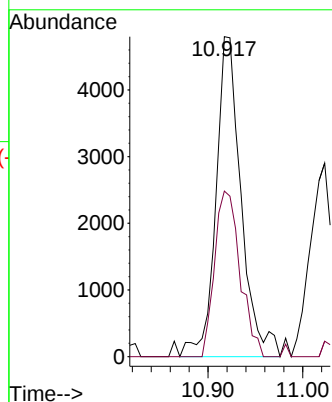
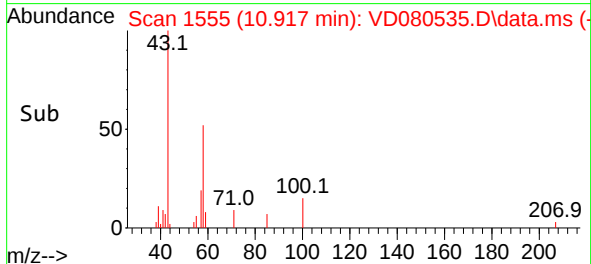
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion: 43 Resp: 888
Ion Ratio Lower Upper
43 100
58 52.2 29.6 88.9

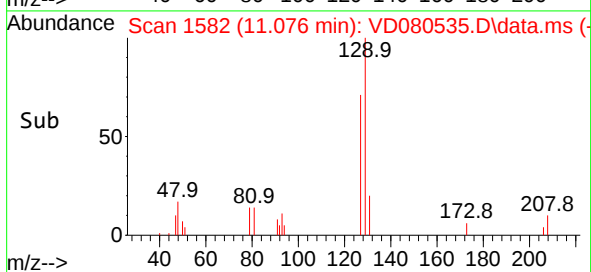
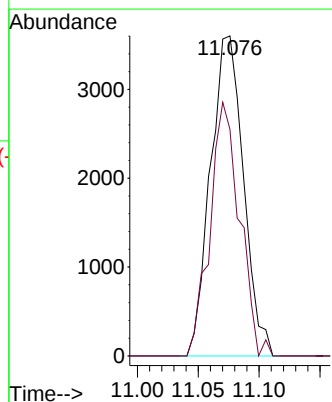
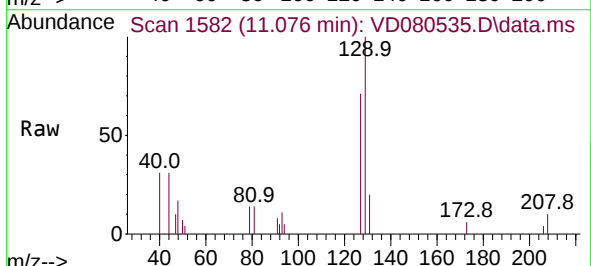
Manual Integrations
APPROVED

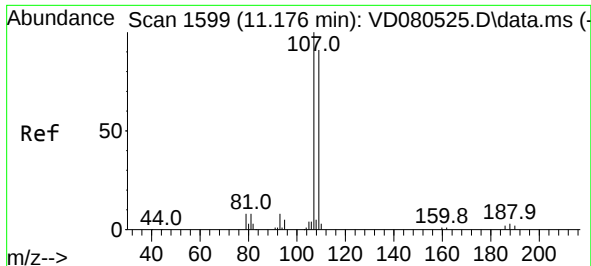
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#60
Dibromochloromethane
Concen: 2.633 ug/l
RT: 11.076 min Scan# 1582
Delta R.T. 0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

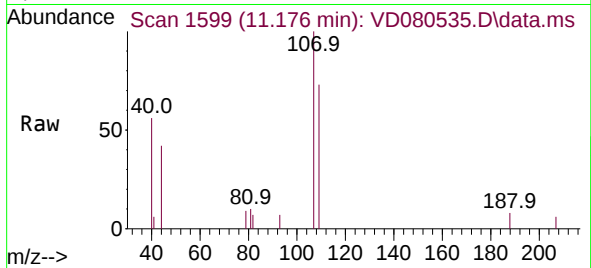
Tgt Ion:129 Resp: 6804
Ion Ratio Lower Upper
129 100
127 71.1 38.3 114.9





#61
1,2-Dibromoethane
Concen: 2.531 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

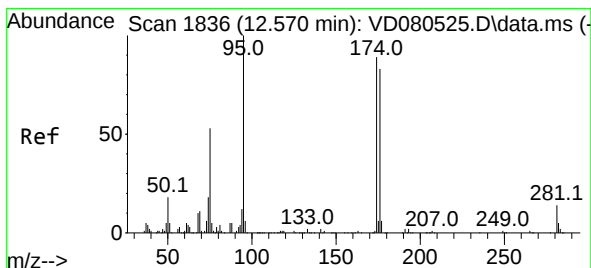
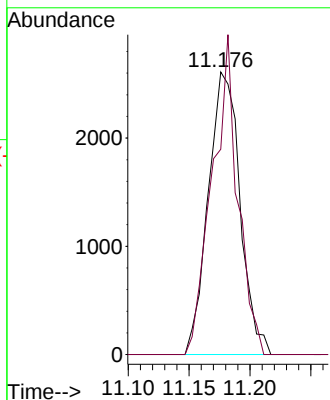
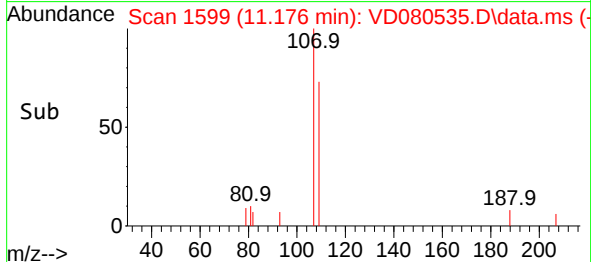
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:107 Resp: 4734
Ion Ratio Lower Upper
107 100
109 91.2 74.2 111.4

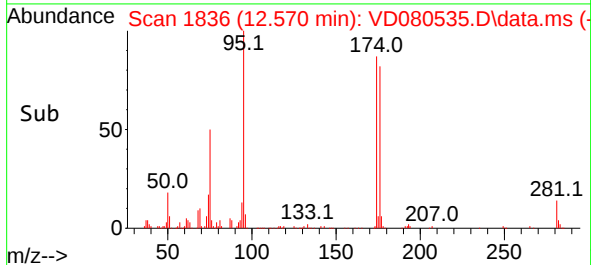
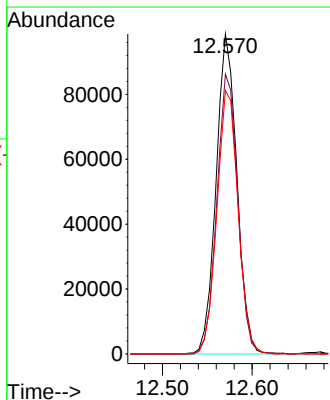
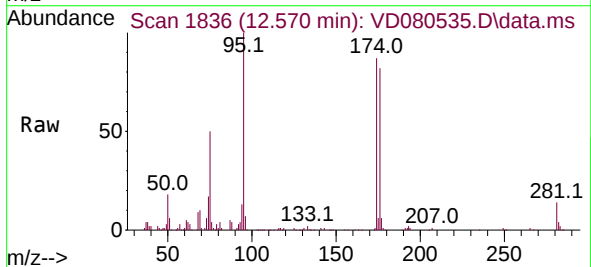
Manual Integrations
APPROVED

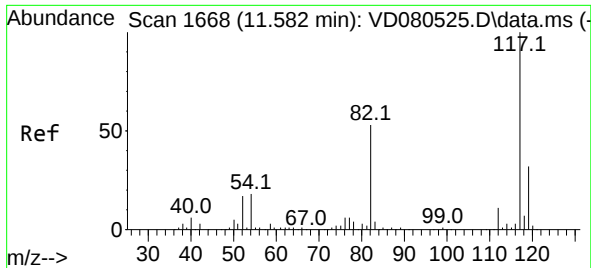
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#62
4-Bromofluorobenzene
Concen: 48.596 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

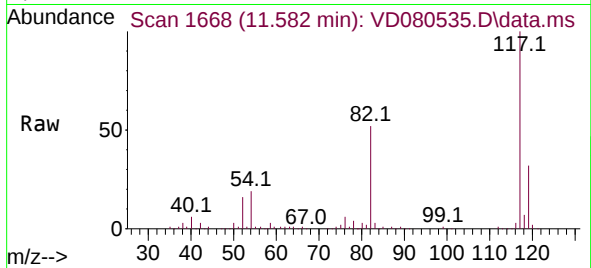
Tgt Ion: 95 Resp: 158912
Ion Ratio Lower Upper
95 100
174 88.0 0.0 179.4
176 84.1 0.0 168.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

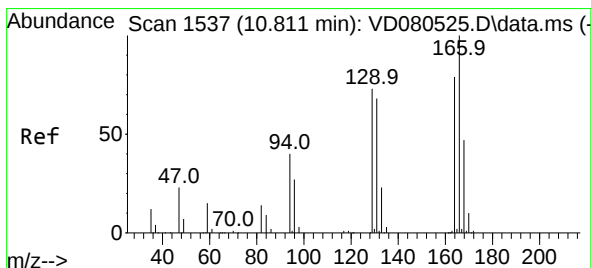
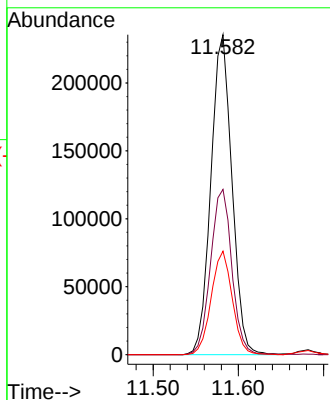
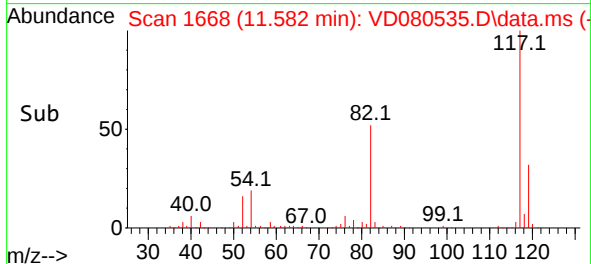
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:117 Resp: 404000
Ion Ratio Lower Upper
117 100
82 51.6 42.1 63.1
119 32.3 25.4 38.2

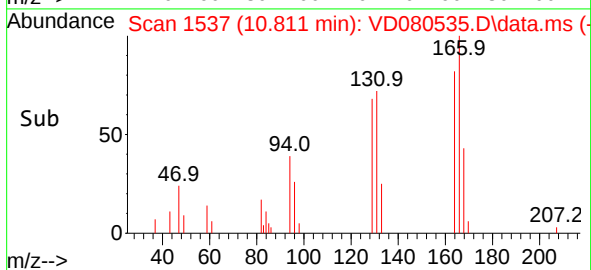
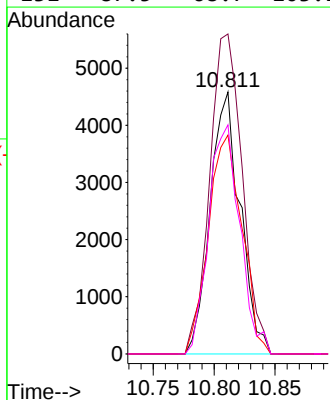
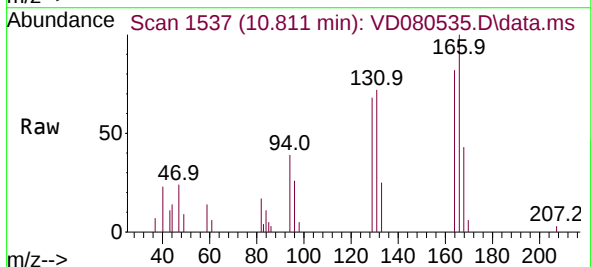
Manual Integrations
APPROVED

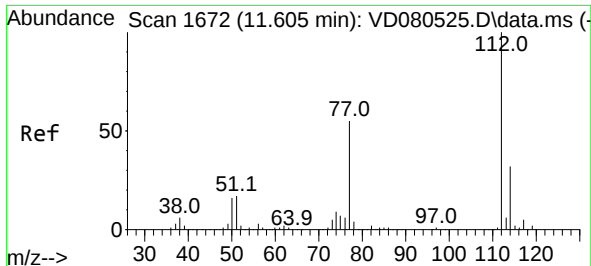
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#64
Tetrachloroethene
Concen: 2.705 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

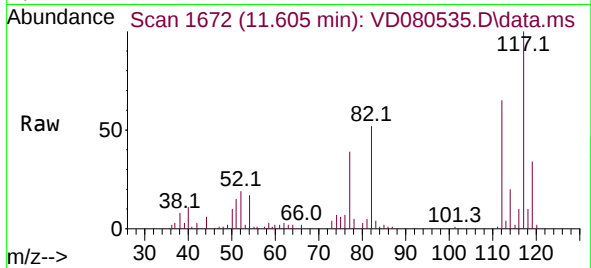
Tgt Ion:164 Resp: 7860
Ion Ratio Lower Upper
164 100
166 122.2 101.2 151.8
129 83.6 74.0 111.0
131 87.5 68.7 103.1





#65
Chlorobenzene
Concen: 2.515 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

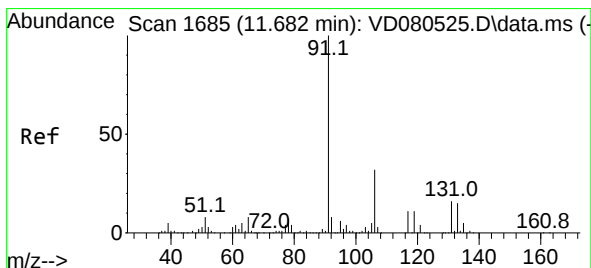
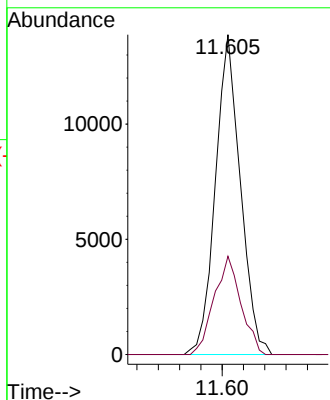
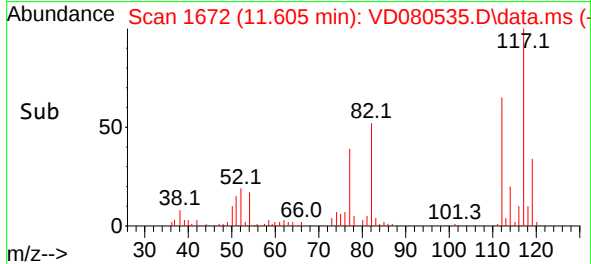
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:112 Resp: 22628
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.0

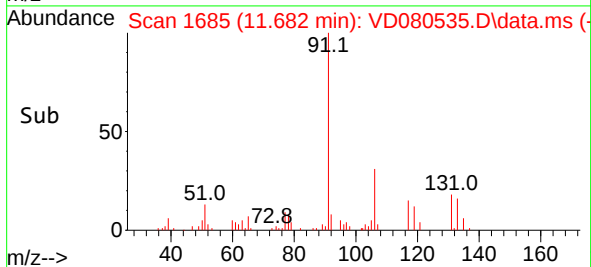
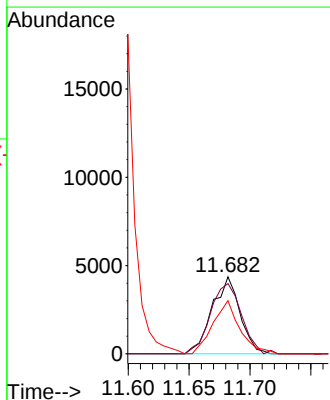
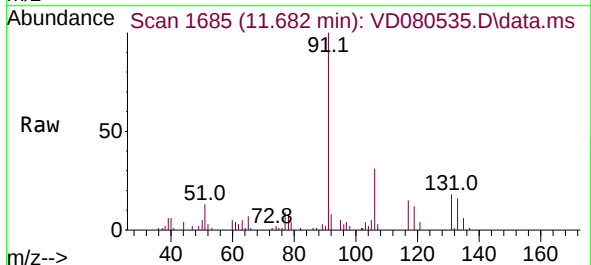
Manual Integrations
APPROVED

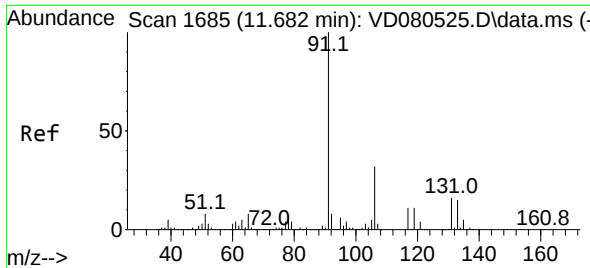
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 2.472 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

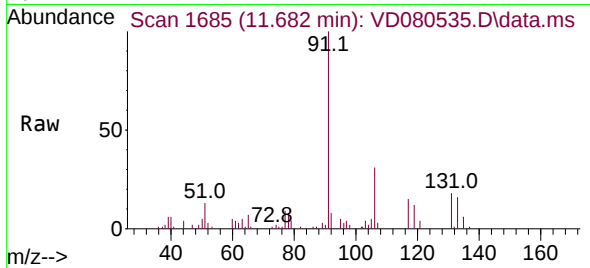
Tgt Ion:131 Resp: 6955
Ion Ratio Lower Upper
131 100
133 102.3 47.3 141.8
119 66.9 34.4 103.2





#67
Ethyl Benzene
Concen: 2.501 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

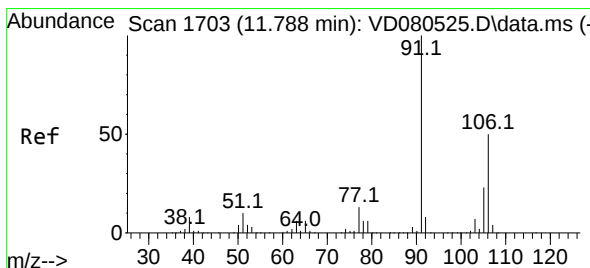
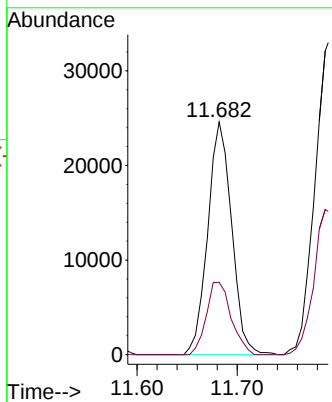
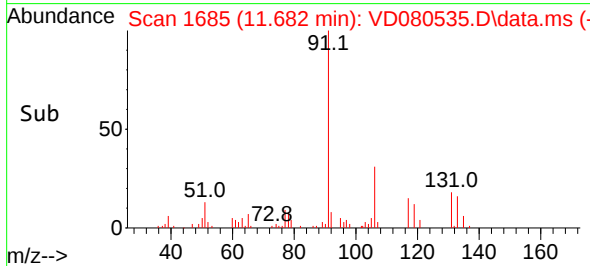
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



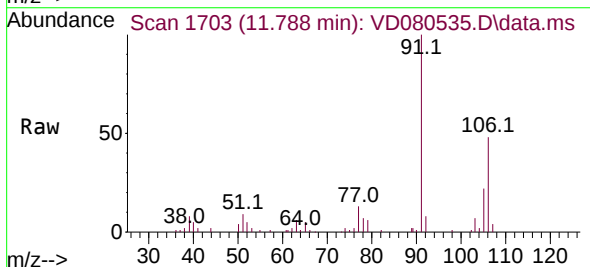
Tgt Ion: 91 Resp: 40784
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0

Manual Integrations
APPROVED

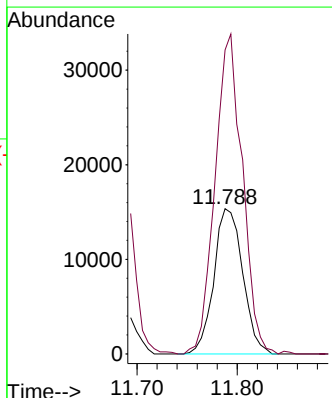
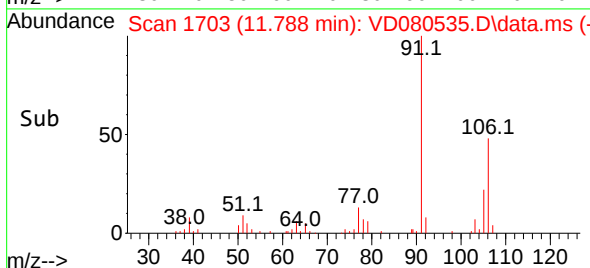
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

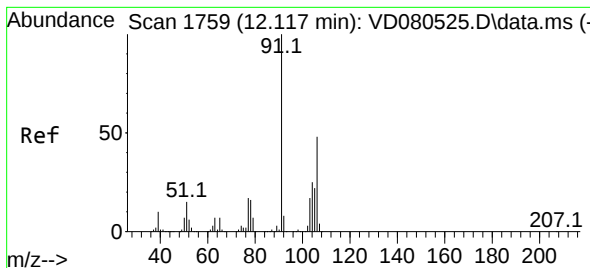


#68
m/p-Xylenes
Concen: 4.927 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07



Tgt Ion:106 Resp: 30727
Ion Ratio Lower Upper
106 100
91 209.6 158.7 238.1





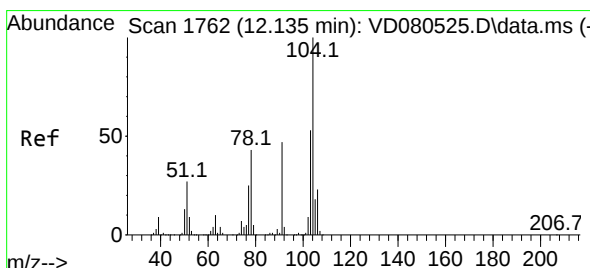
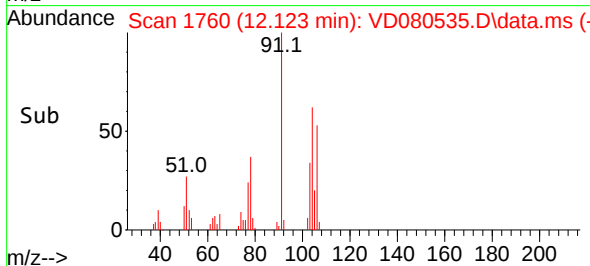
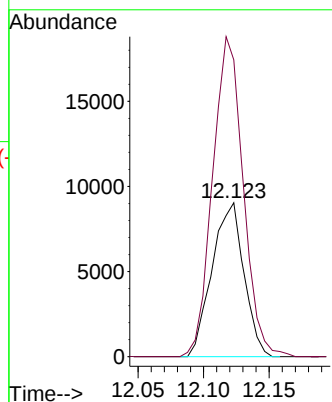
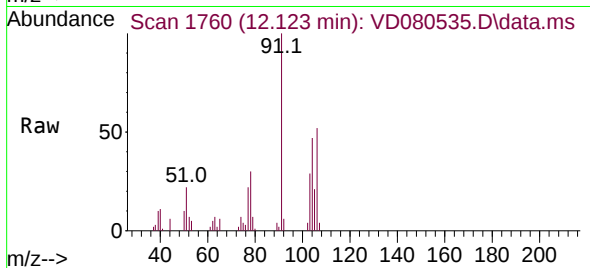
#69
o-Xylene
Concen: 2.649 ug/l
RT: 12.123 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

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

Tgt Ion:106 Resp: 15273
Ion Ratio Lower Upper
106 100
91 199.7 105.8 317.3

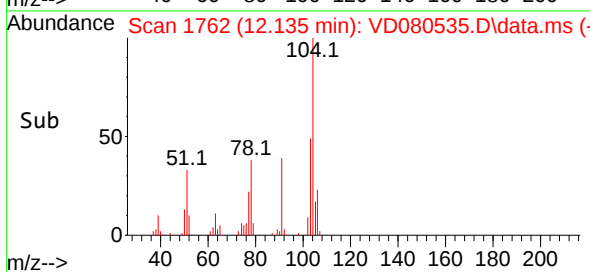
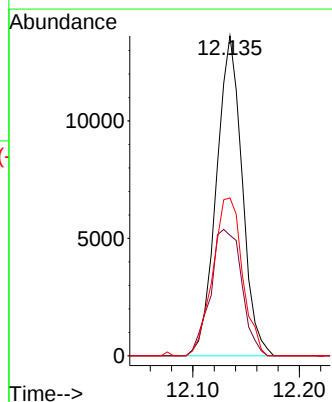
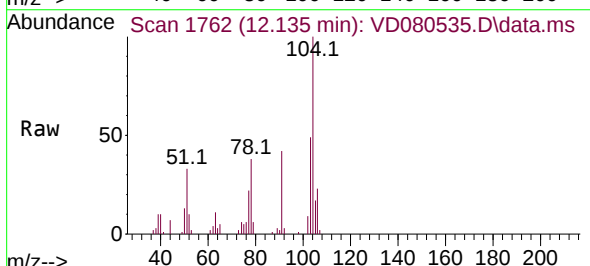
Manual Integrations
APPROVED

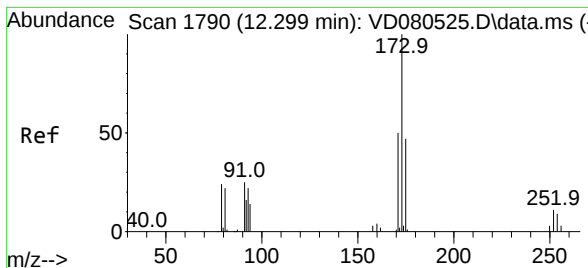
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#70
Styrene
Concen: 2.408 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

Tgt Ion:104 Resp: 22910
Ion Ratio Lower Upper
104 100
78 48.0 37.8 56.8
103 56.8 43.8 65.8





#71

Bromoform

Concen: 2.715 ug/l

RT: 12.299 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VD080535.D

Acq: 18 Nov 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

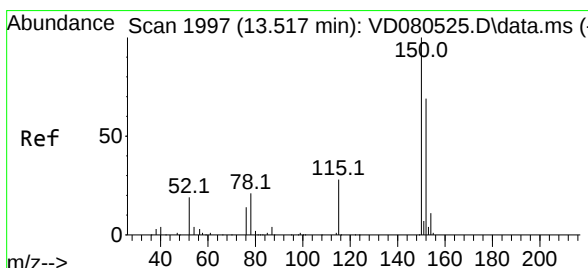
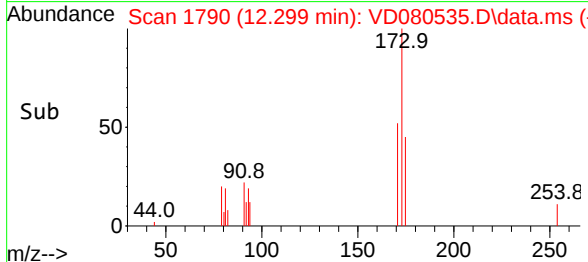
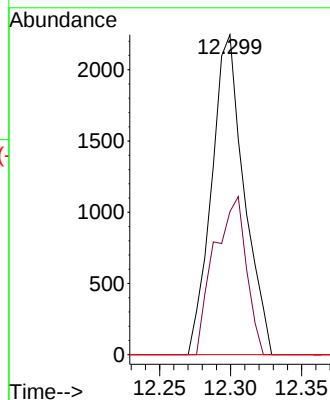
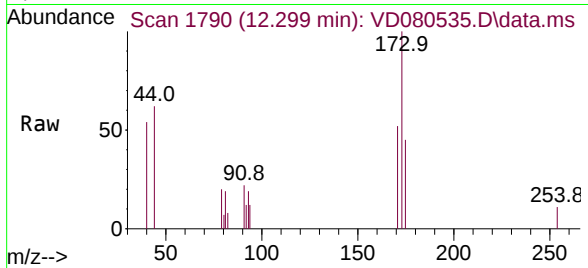
Tgt Ion:173	Resp:	3569
Ion Ratio	Lower	Upper
173	100	
175	48.8	24.1 72.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

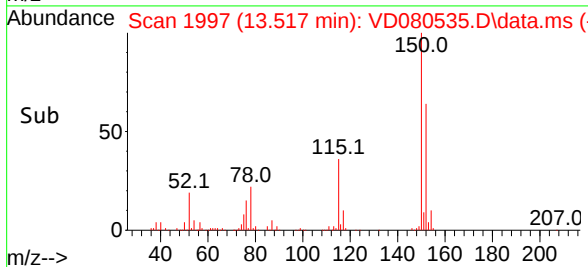
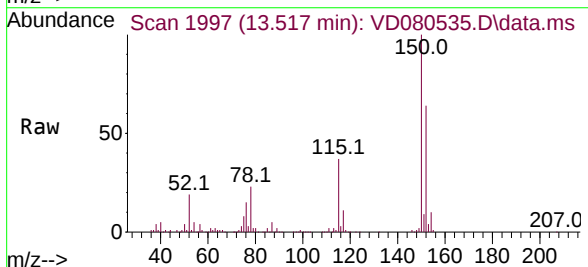
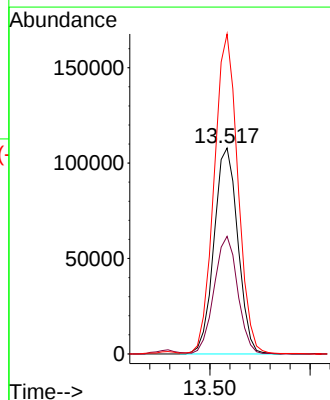
RT: 13.517 min Scan# 1997

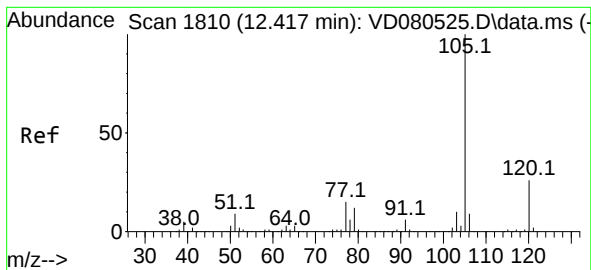
Delta R.T. 0.000 min

Lab File: VD080535.D

Acq: 18 Nov 2025 12:07

Tgt Ion:152	Resp:	178039
Ion Ratio	Lower	Upper
152	100	
115	56.6	28.1 84.3
150	155.2	0.0 345.6





#73

Isopropylbenzene

Concen: 2.633 ug/l

RT: 12.423 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VD080535.D

Acq: 18 Nov 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

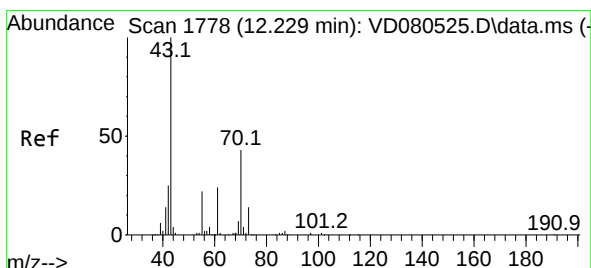
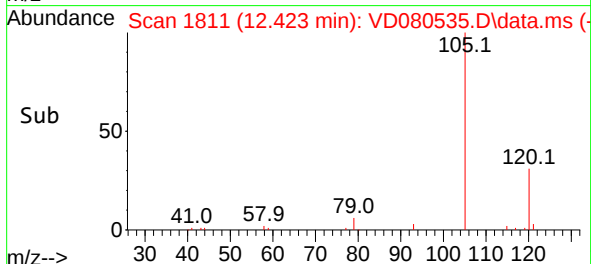
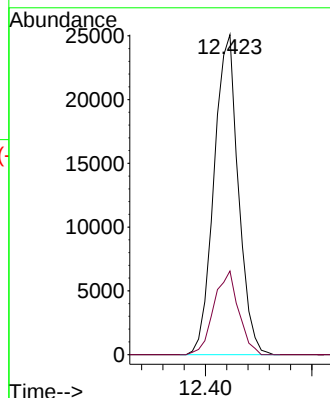
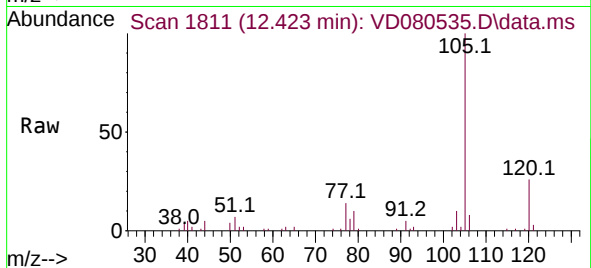
Tgt Ion:105 Resp: 39794
 Ion Ratio Lower Upper
 105 100
 120 26.5 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#74

N-ethyl acetate

Concen: 2.726 ug/l

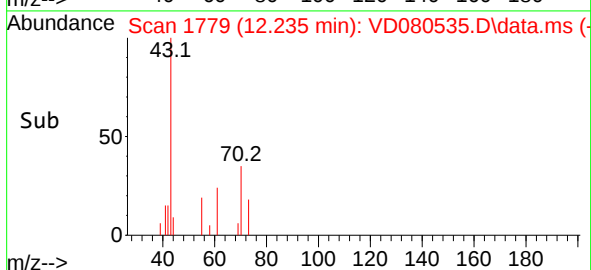
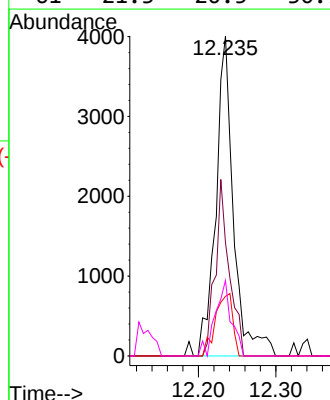
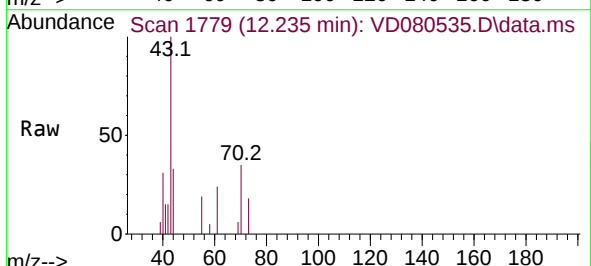
RT: 12.235 min Scan# 1779

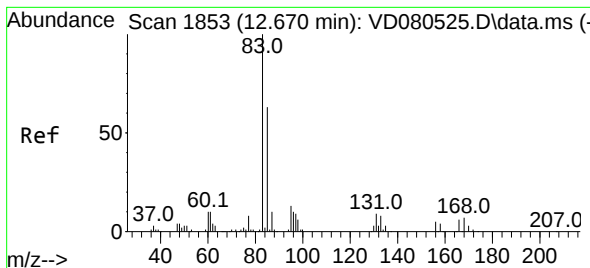
Delta R.T. 0.006 min

Lab File: VD080535.D

Acq: 18 Nov 2025 12:07

Tgt Ion: 43 Resp: 6387
 Ion Ratio Lower Upper
 43 100
 70 43.0 35.2 52.8
 55 18.9 18.4 27.6
 61 21.3 20.5 30.7





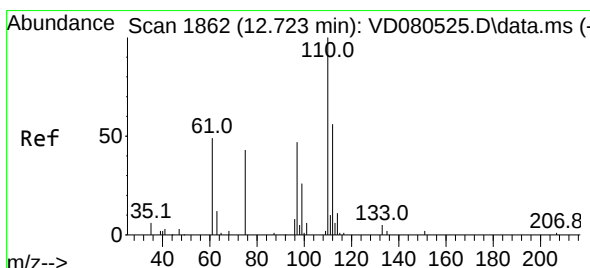
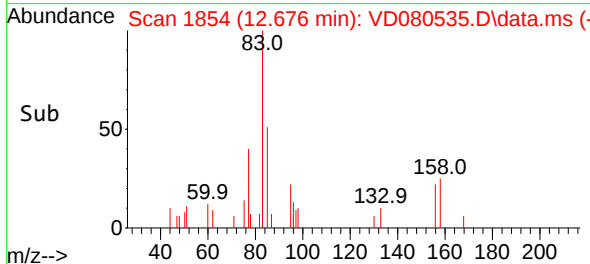
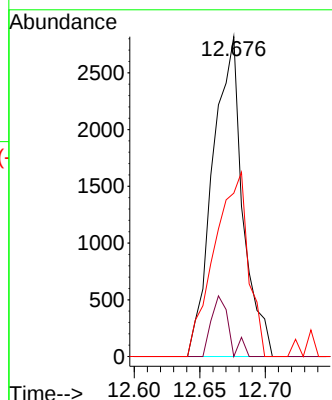
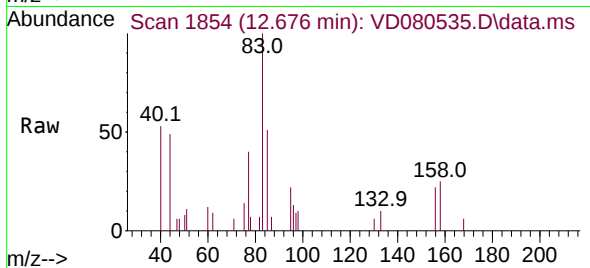
#75
1,1,2,2-Tetrachloroethane
Concen: 2.375 ug/l
RT: 12.676 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

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

Tgt Ion: 83 Resp: 4502
Ion Ratio Lower Upper
83 100
131 11.2 4.9 14.6
85 64.9 31.8 95.3

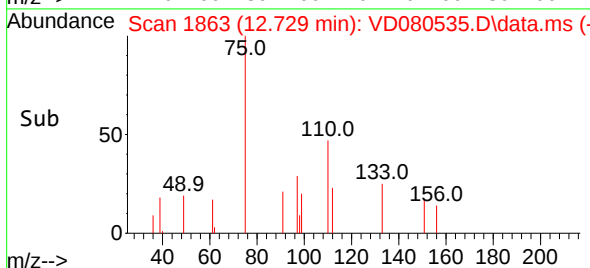
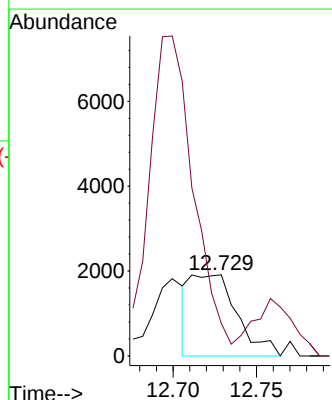
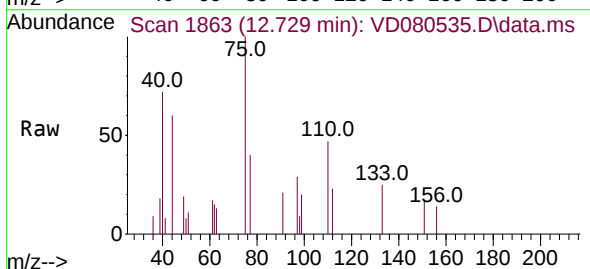
Manual Integrations
APPROVED

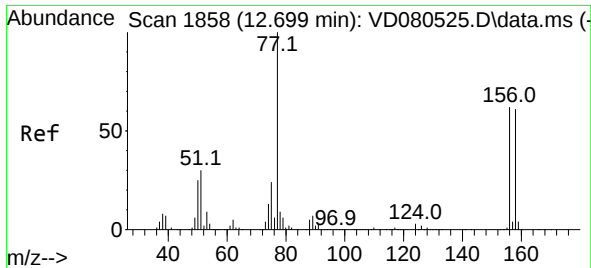
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#76
1,2,3-Trichloropropane
Concen: 2.707 ug/l m
RT: 12.729 min Scan# 1863
Delta R.T. 0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

Tgt Ion: 75 Resp: 3754
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





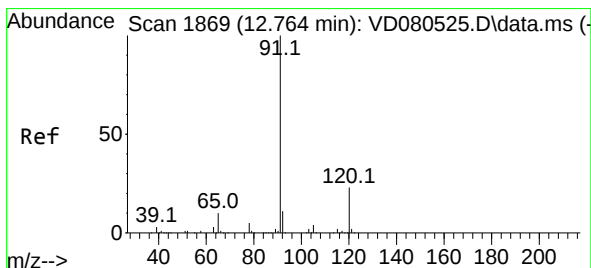
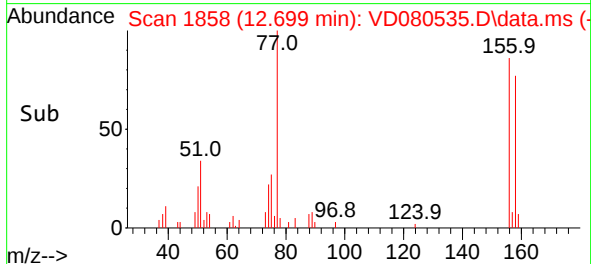
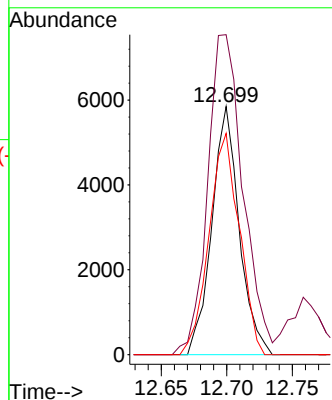
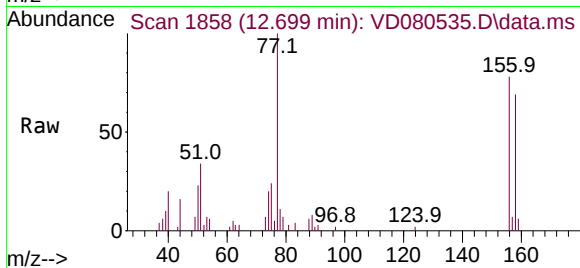
#77
Bromobenzene
Concen: 2.642 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

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

Tgt Ion:156 Resp: 8474
Ion Ratio Lower Upper
156 100
77 166.8 85.3 255.9
158 99.0 48.4 145.0

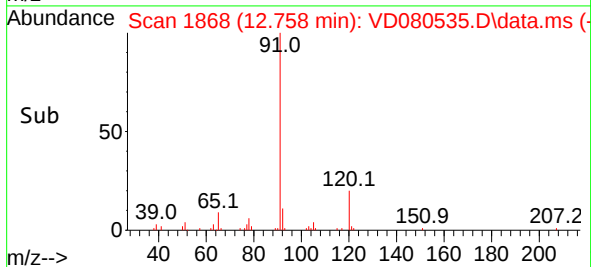
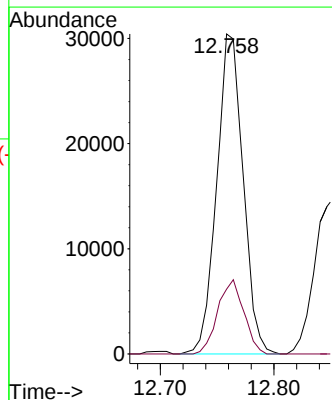
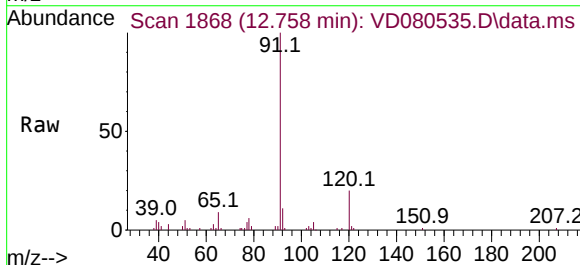
Manual Integrations
APPROVED

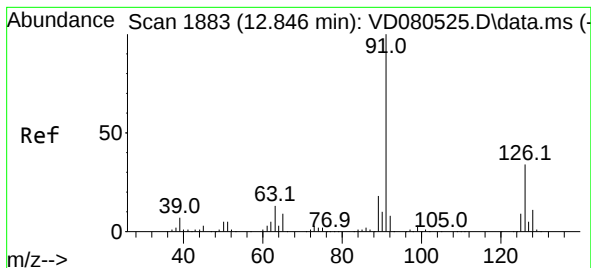
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#78
n-propylbenzene
Concen: 2.712 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

Tgt Ion: 91 Resp: 49177
Ion Ratio Lower Upper
91 100
120 22.8 11.4 34.2





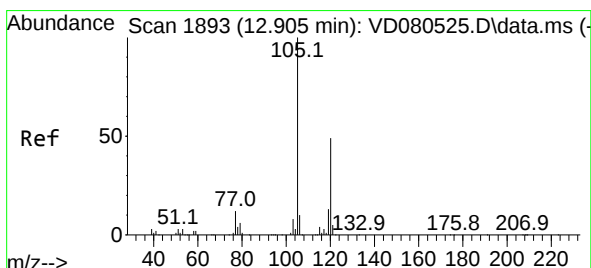
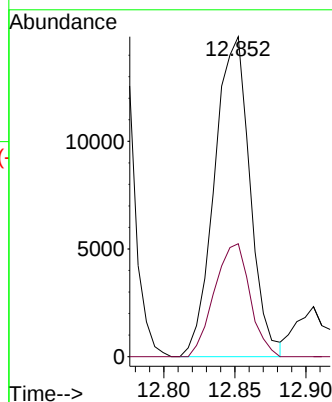
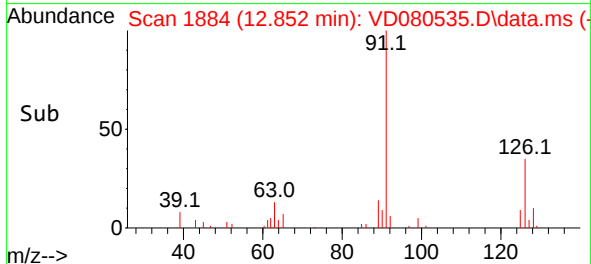
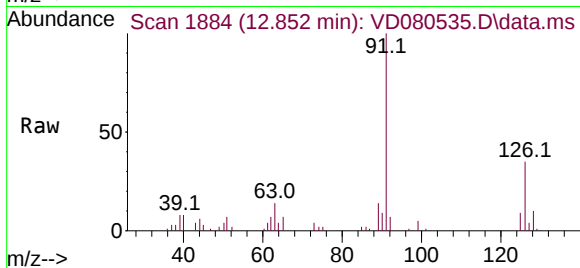
#79
2-Chlorotoluene
Concen: 2.584 ug/l
RT: 12.852 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

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

Tgt Ion: 91 Resp: 25776
Ion Ratio Lower Upper
91 100
126 35.3 17.4 52.2

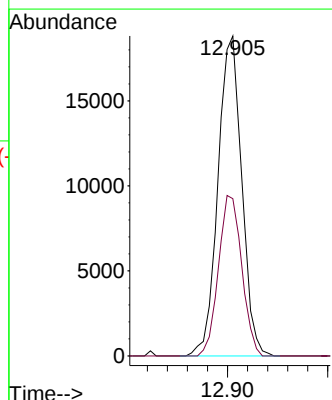
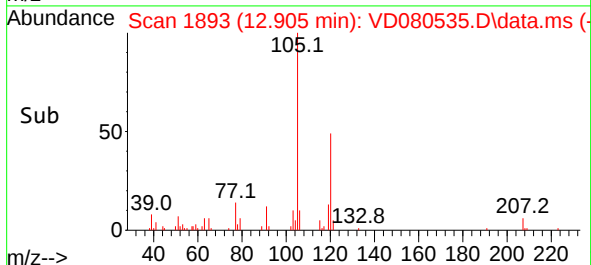
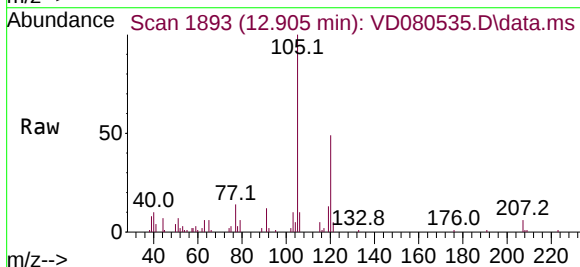
Manual Integrations
APPROVED

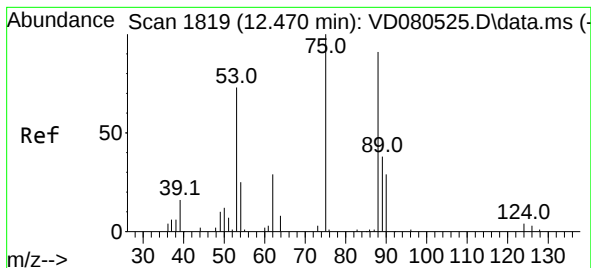
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 2.597 ug/l
RT: 12.905 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

Tgt Ion:105 Resp: 31022
Ion Ratio Lower Upper
105 100
120 49.0 24.6 74.0





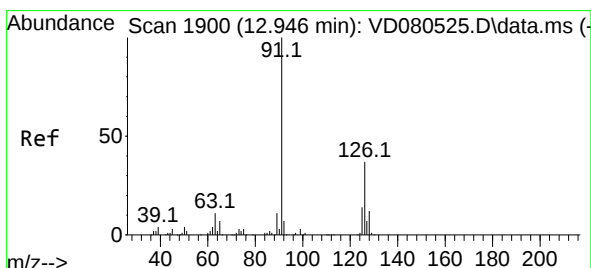
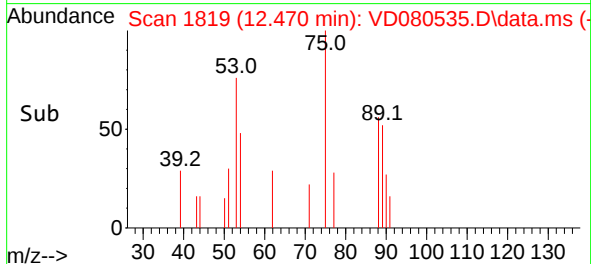
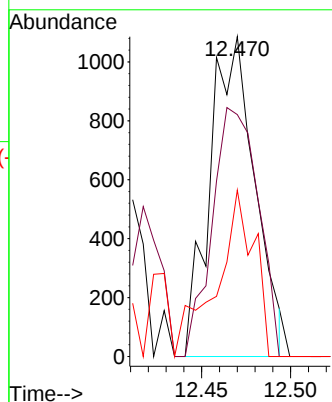
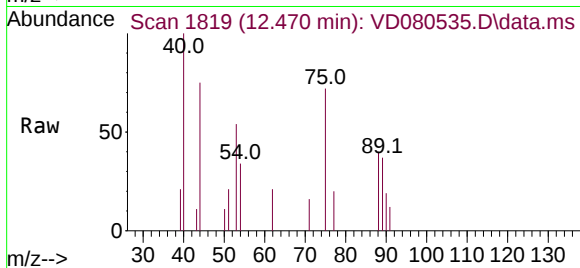
#81
trans-1,4-Dichloro-2-butene
Concen: 2.629 ug/l m
RT: 12.470 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

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

Tgt Ion: 75 Resp: 1909
Ion Ratio Lower Upper
75 100
53 0.0 62.8 94.2
89 3.4 36.6 54.8

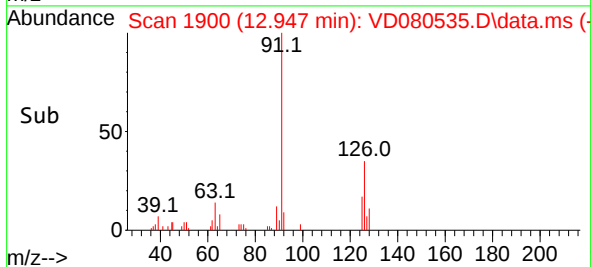
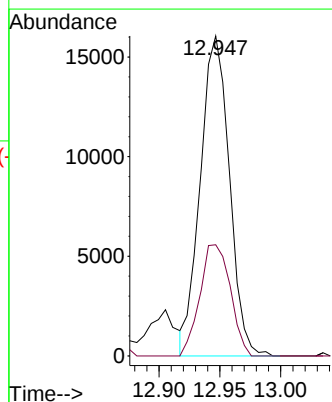
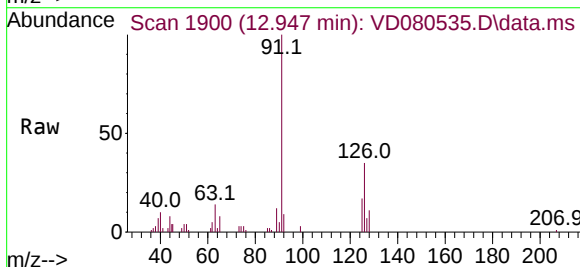
Manual Integrations
APPROVED

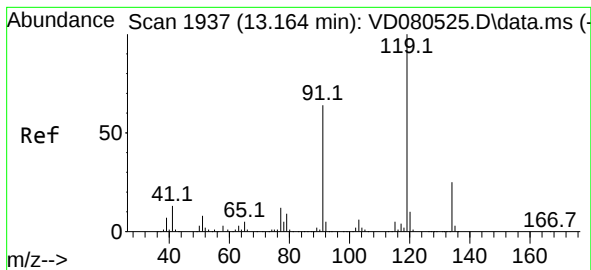
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#82
4-Chlorotoluene
Concen: 2.633 ug/l
RT: 12.947 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

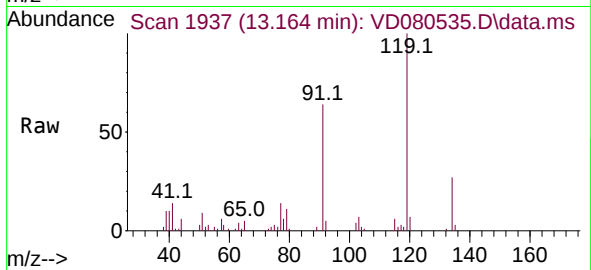
Tgt Ion: 91 Resp: 26700
Ion Ratio Lower Upper
91 100
126 36.3 17.4 52.2





#83
tert-Butylbenzene
Concen: 2.589 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

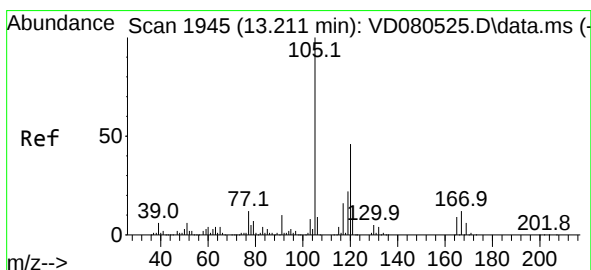
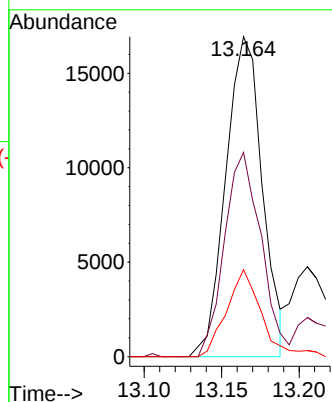
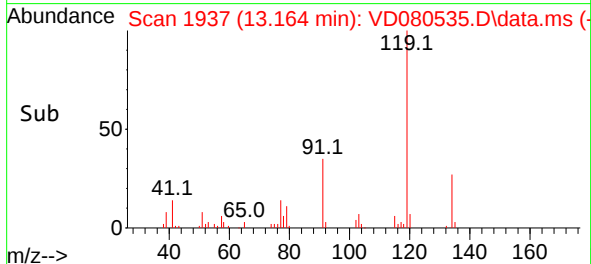
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



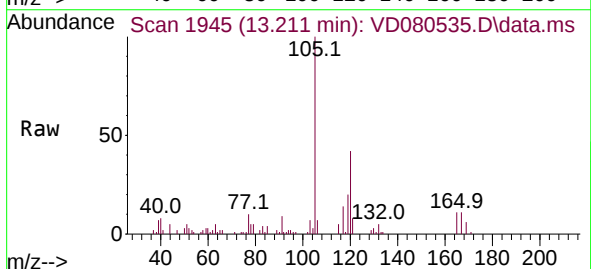
Tgt Ion:119 Resp: 2781
Ion Ratio Lower Upper
119 100
91 64.0 30.4 91.3
134 25.9 13.1 39.3

Manual Integrations
APPROVED

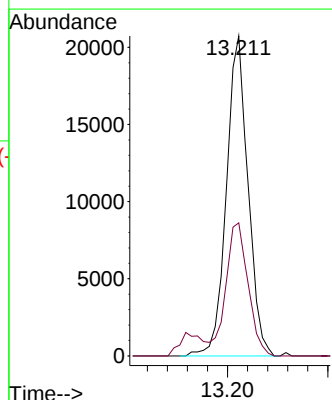
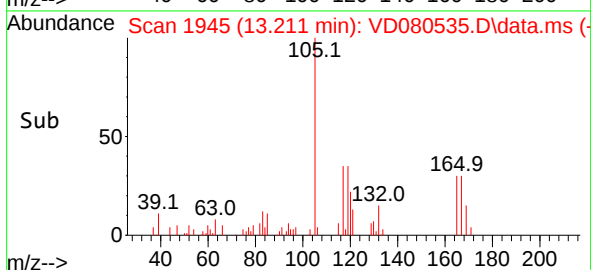
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

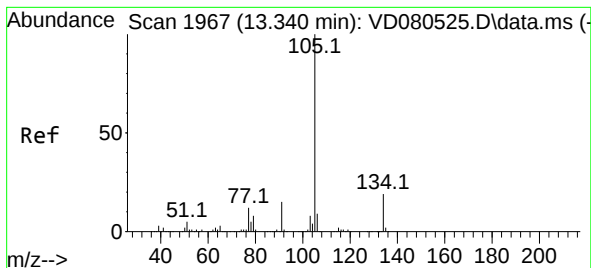


#84
1,2,4-Trimethylbenzene
Concen: 2.640 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07



Tgt Ion:105 Resp: 31034
Ion Ratio Lower Upper
105 100
120 42.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 2.651 ug/l

RT: 13.341 min Scan# 1967

Delta R.T. 0.000 min

Lab File: VD080535.D

Acq: 18 Nov 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:105 Resp: 42163

Ion Ratio Lower Upper

105 100

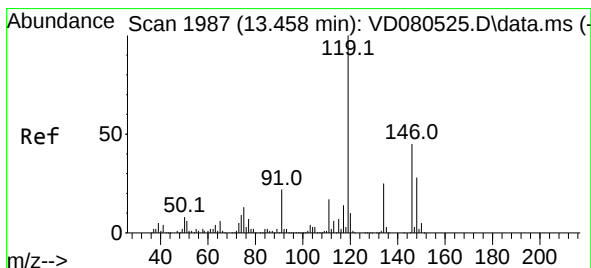
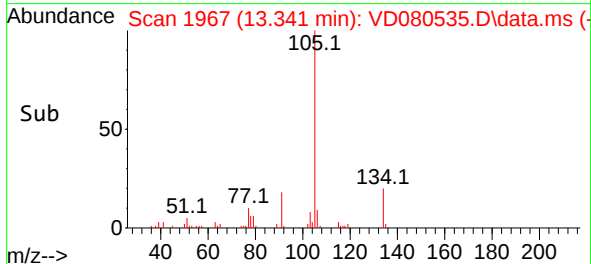
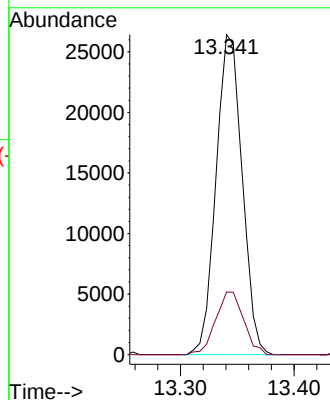
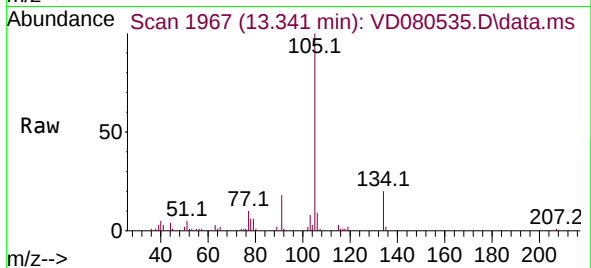
134 20.9 10.0 30.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#86

p-Isopropyltoluene

Concen: 2.589 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VD080535.D

Acq: 18 Nov 2025 12:07

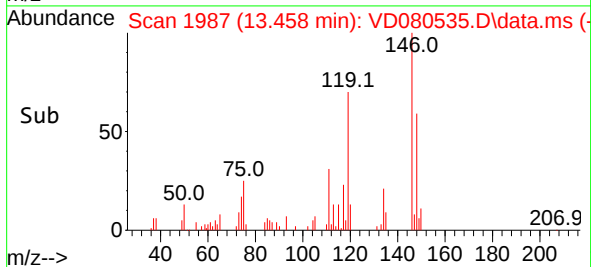
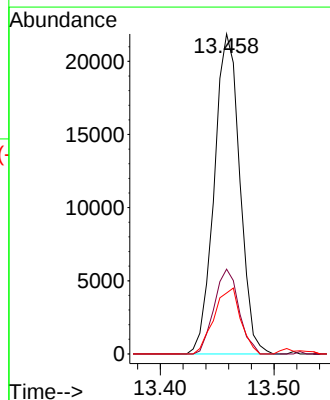
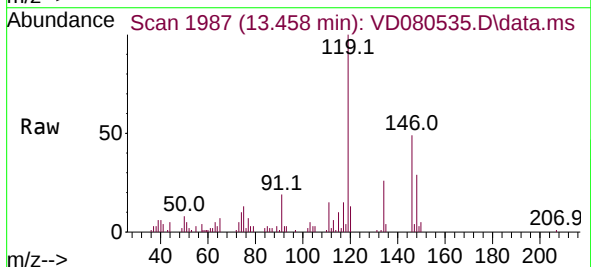
Tgt Ion:119 Resp: 34145

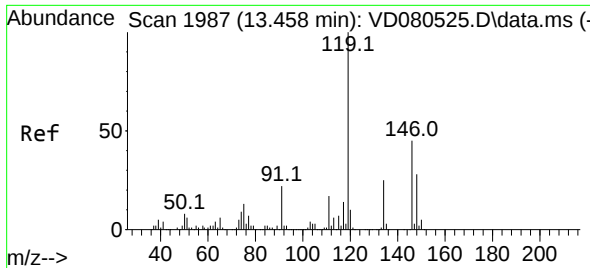
Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

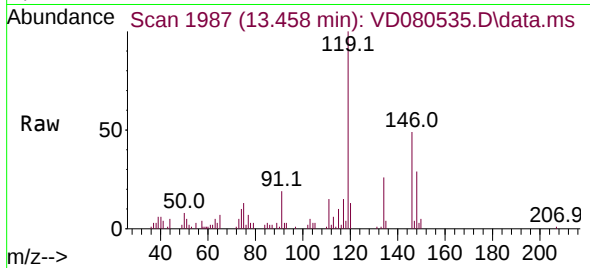
91 21.4 11.1 33.1





#87
1,3-Dichlorobenzene
Concen: 2.717 ug/l
RT: 13.458 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

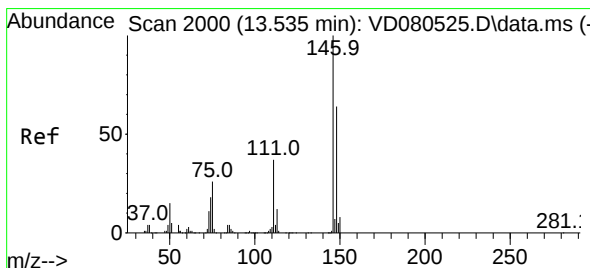
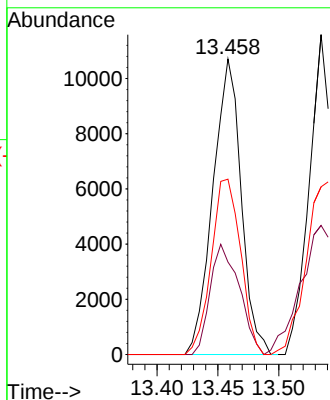
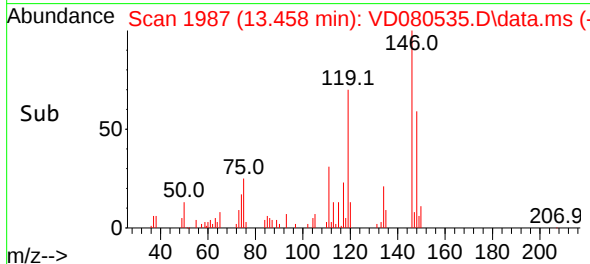
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:146 Resp: 17315
Ion Ratio Lower Upper
146 100
111 38.4 19.4 58.2
148 61.6 31.4 94.0

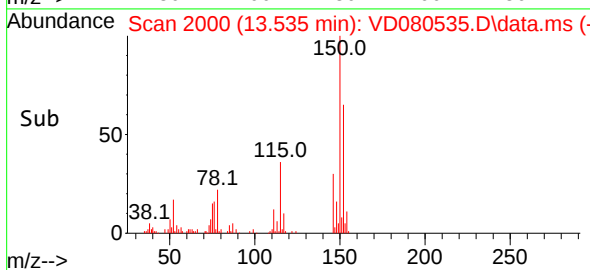
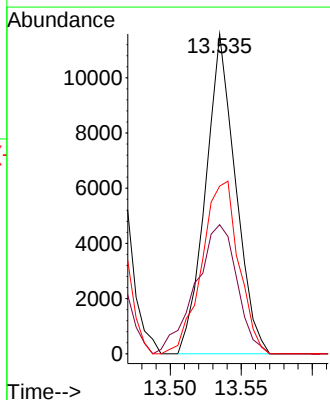
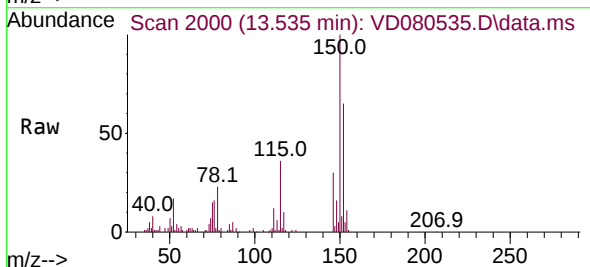
Manual Integrations
APPROVED

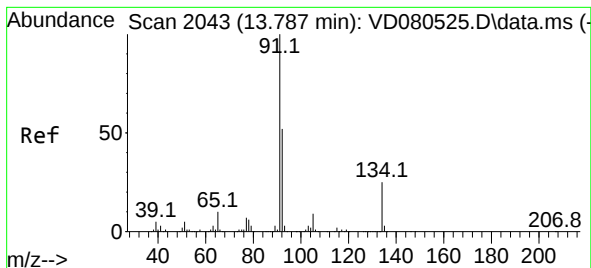
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#88
1,4-Dichlorobenzene
Concen: 2.726 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

Tgt Ion:146 Resp: 16987
Ion Ratio Lower Upper
146 100
111 55.8 18.9 56.9
148 66.4 32.1 96.5





#89

n-Butylbenzene

Concen: 2.695 ug/l

RT: 13.788 min Scan# 2043

Delta R.T. 0.000 min

Lab File: VD080535.D

Acq: 18 Nov 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

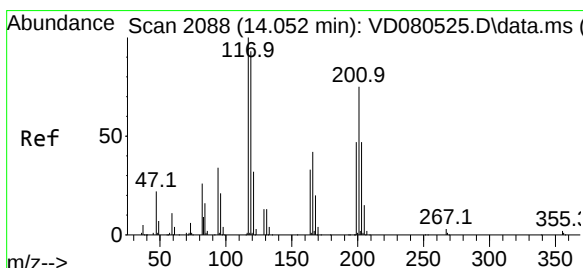
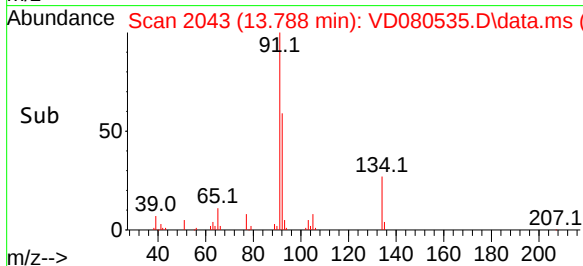
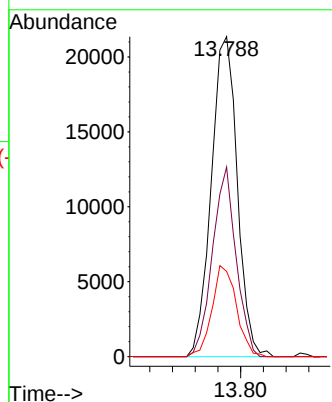
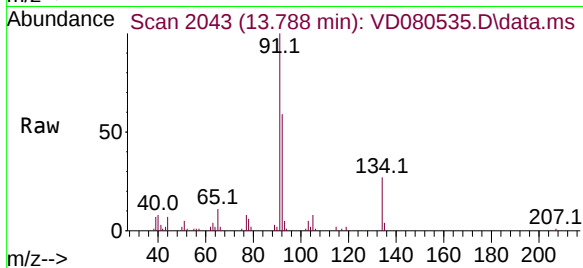
Tgt Ion: 91	Resp: 33894
Ion Ratio	Lower Upper
91 100	
92 53.8	26.7 80.1
134 26.8	12.6 37.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#90

Hexachloroethane

Concen: 2.505 ug/l

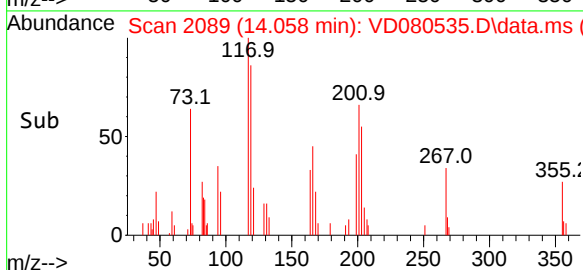
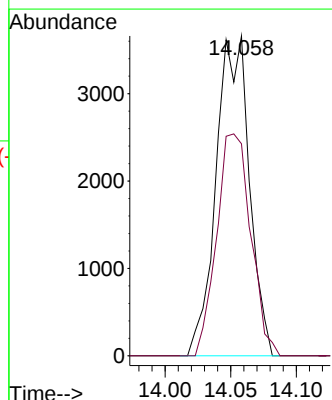
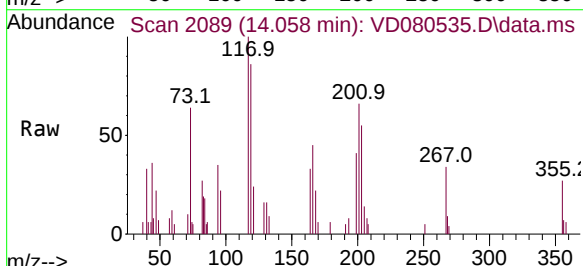
RT: 14.058 min Scan# 2089

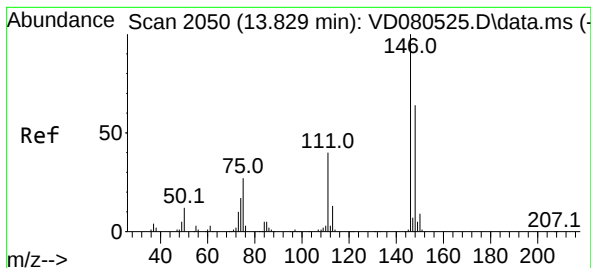
Delta R.T. 0.006 min

Lab File: VD080535.D

Acq: 18 Nov 2025 12:07

Tgt Ion:117	Resp: 6446
Ion Ratio	Lower Upper
117 100	
201 71.3	36.7 110.1





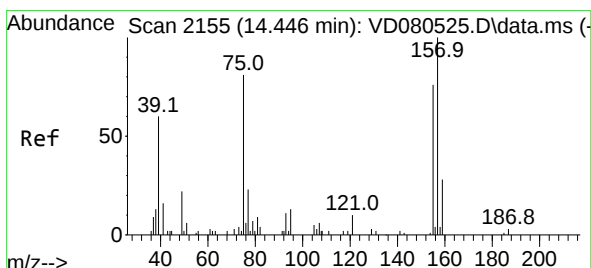
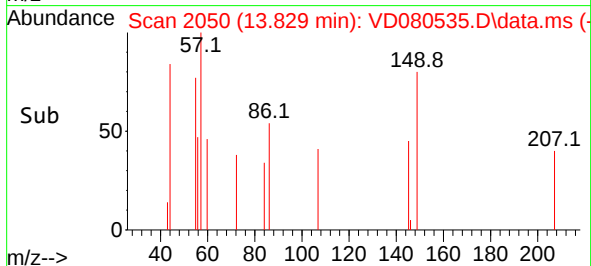
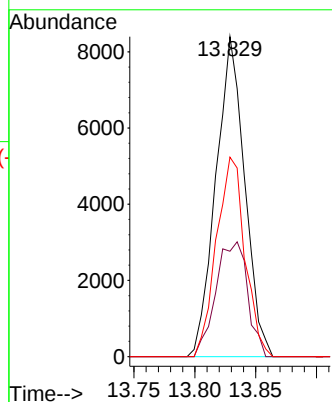
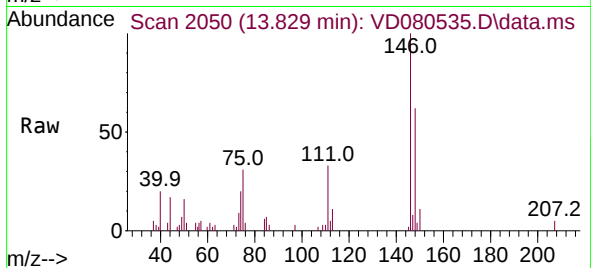
#91
1,2-Dichlorobenzene
Concen: 2.620 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

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

Tgt Ion:146 Resp: 13799
Ion Ratio Lower Upper
146 100
111 39.5 20.3 60.8
148 61.7 32.2 96.6

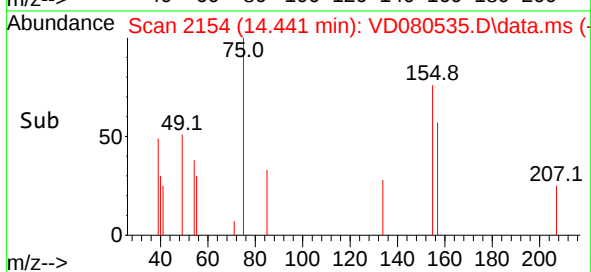
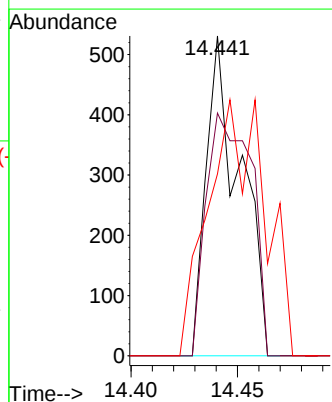
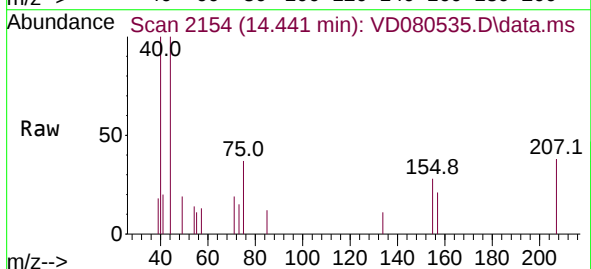
Manual Integrations
APPROVED

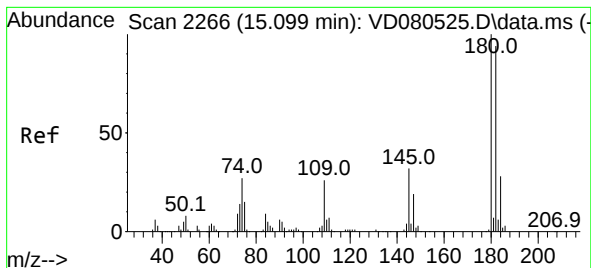
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.261 ug/l
RT: 14.441 min Scan# 2154
Delta R.T. -0.006 min
Lab File: VD080535.D
Acq: 18 Nov 2025 12:07

Tgt Ion: 75 Resp: 590
Ion Ratio Lower Upper
75 100
155 100.2 46.4 139.2
157 132.5 59.6 178.7





#93

1,2,4-Trichlorobenzene

Concen: 3.012 ug/l

RT: 15.099 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD080535.D

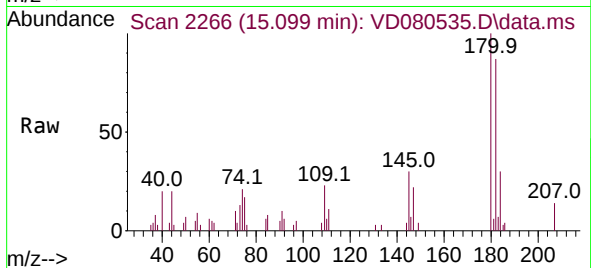
Acq: 18 Nov 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025



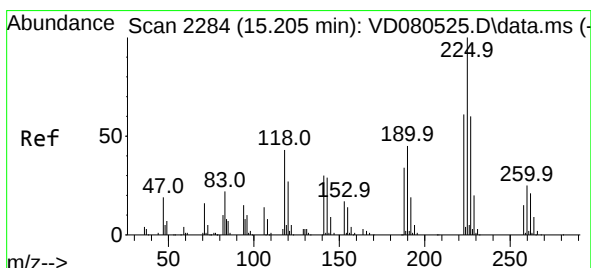
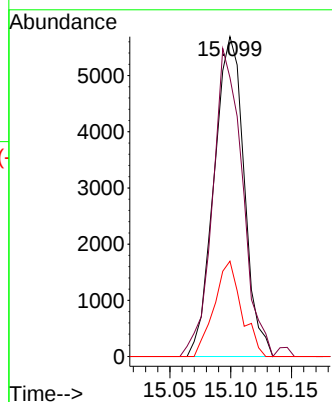
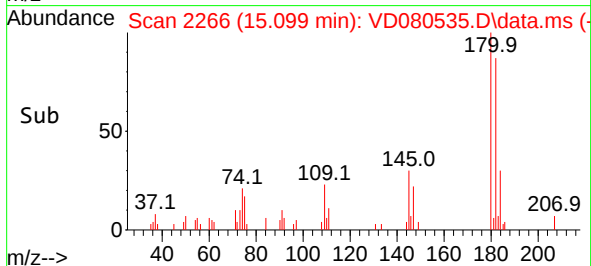
Tgt Ion:	180	Resp:	9799
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.1	141.4
145	27.1	14.7	44.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#94

Hexachlorobutadiene

Concen: 2.839 ug/l

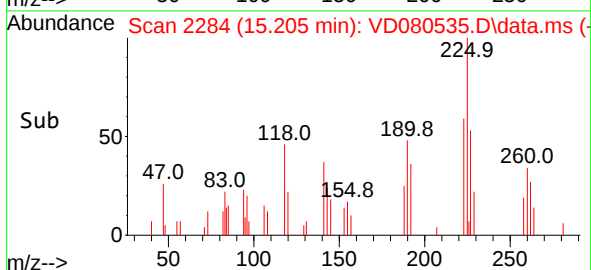
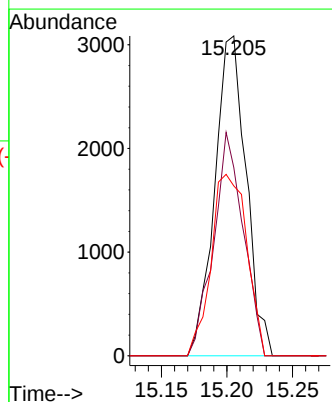
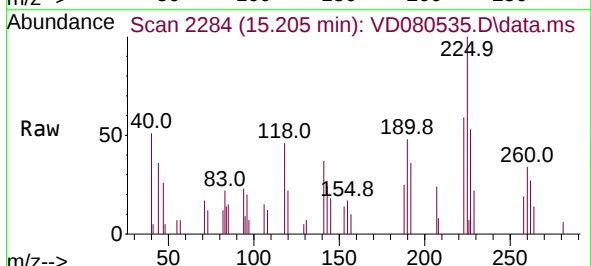
RT: 15.205 min Scan# 2284

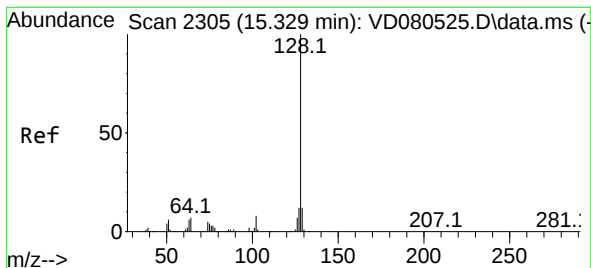
Delta R.T. 0.000 min

Lab File: VD080535.D

Acq: 18 Nov 2025 12:07

Tgt Ion:	225	Resp:	5143
Ion Ratio	Lower	Upper	
225	100		
223	66.0	31.4	94.0
227	64.2	31.9	95.5





#95

Naphthalene

Concen: 2.867 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080535.D

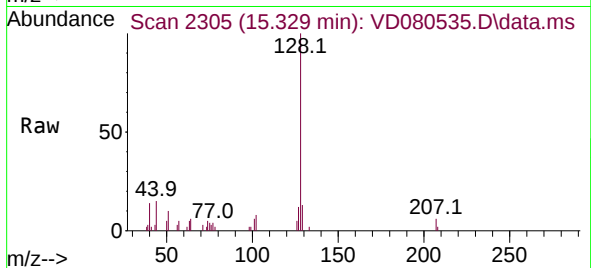
Acq: 18 Nov 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025



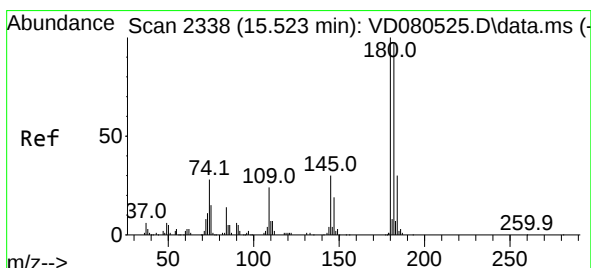
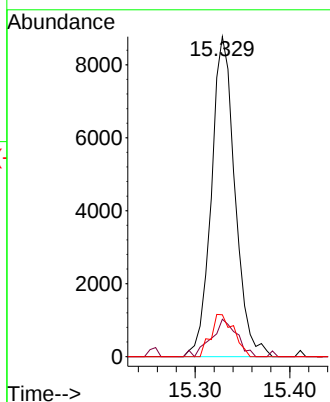
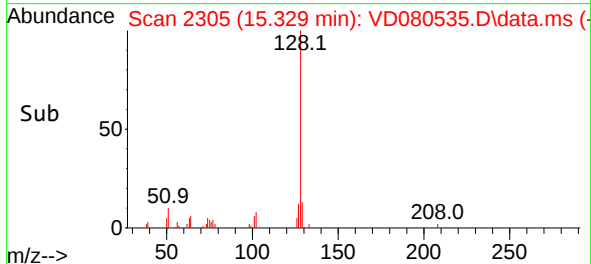
Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.7	9.8	14.6
129	13.1	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#96

1,2,3-Trichlorobenzene

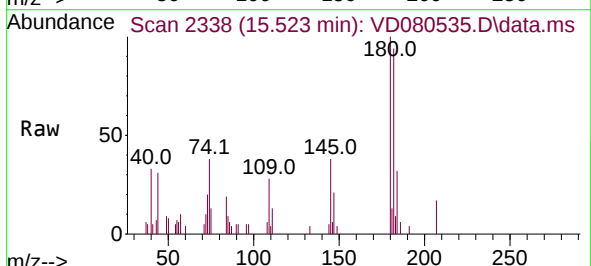
Concen: 2.924 ug/l

RT: 15.523 min Scan# 2338

Delta R.T. 0.000 min

Lab File: VD080535.D

Acq: 18 Nov 2025 12:07



Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	48.4	145.2
145	36.2	15.9	47.6

