

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
 Data File : VD080485.D
 Acq On : 26 Jun 2025 16:50
 Operator : RP/MD
 Sample : Q2126-01
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Quant Time: Jun 27 05:47:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:45:13 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025
 Supervised By :Semsettin Yesilyurt 06/27/2025

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	402611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	769059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.576	117	676780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	303593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	221668	56.161	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.320%			
35) Dibromofluoromethane	7.805	113	235794	54.754	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.500%			
50) Toluene-d8	10.264	98	947905	54.486	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.980%			
62) 4-Bromofluorobenzene	12.570	95	304475	53.375	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	14433	4.032	ug/l	92
3) Chloromethane	2.147	50	23233	4.648	ug/l	93
4) Vinyl Chloride	2.288	62	22569	4.451	ug/l	90
5) Bromomethane	2.694	94	15233	5.435	ug/l	94
6) Chloroethane	2.841	64	17939m	5.636	ug/l	
7) Trichlorofluoromethane	3.182	101	26154	4.100	ug/l	91
8) Diethyl Ether	3.594	74	10569	4.256	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.965	101	17766	4.210	ug/l	98
10) Methyl Iodide	4.159	142	19678	3.960	ug/l	95
11) Tert butyl alcohol	5.047	59	7549	23.490	ug/l	97
12) 1,1-Dichloroethene	3.947	96	19796	4.345	ug/l	97
13) Acrolein	3.800	56	3819	8.720	ug/l #	15
14) Allyl chloride	4.564	41	35484m	4.447	ug/l	
15) Acrylonitrile	5.259	53	26408	22.352	ug/l	98
16) Acetone	4.029	43	20966m	20.559	ug/l	
17) Carbon Disulfide	4.270	76	61319	4.261	ug/l	98
18) Methyl Acetate	4.570	43	18880	6.086	ug/l	93
19) Methyl tert-butyl Ether	5.317	73	48830	4.312	ug/l	93
20) Methylene Chloride	4.806	84	48404	7.582	ug/l	90
21) trans-1,2-Dichloroethene	5.306	96	22813	4.489	ug/l #	89
22) Diisopropyl ether	6.217	45	69320	4.500	ug/l	98
23) Vinyl Acetate	6.159	43	179752	20.478	ug/l	96
24) 1,1-Dichloroethane	6.117	63	40060	4.432	ug/l	95
25) 2-Butanone	7.088	43	31938	21.338	ug/l #	88
26) 2,2-Dichloropropane	7.070	77	29630	4.142	ug/l	99
27) cis-1,2-Dichloroethene	7.076	96	27125	4.464	ug/l	98
28) Bromochloromethane	7.429	49	16689	4.683	ug/l	95
29) Tetrahydrofuran	7.453	42	20606	21.852	ug/l	99
30) Chloroform	7.600	83	38411	4.439	ug/l	97
31) Cyclohexane	7.882	56	41759	4.768	ug/l #	88
32) 1,1,1-Trichloroethane	7.788	97	30298	4.188	ug/l	95
36) 1,1-Dichloropropene	8.011	75	28432	4.227	ug/l	97
37) Ethyl Acetate	7.164	43	15180m	4.644	ug/l	
38) Carbon Tetrachloride	7.994	117	25382	3.950	ug/l #	88
39) Methylcyclohexane	9.276	83	35470	3.830	ug/l	98
40) Benzene	8.252	78	89991	4.169	ug/l	100

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Manual Integrations
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Reviewed By :Mahesh Dadoda 06/27/2025
 Supervised By :Semsettin Yesilyurt 06/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.411	41	8892m	4.256	ug/l	
42) 1,2-Dichloroethane	8.323	62	21340	4.202	ug/l	95
43) Isopropyl Acetate	8.364	43	28493m	4.429	ug/l	
44) Trichloroethene	9.035	130	21645	4.137	ug/l	81
45) 1,2-Dichloropropane	9.300	63	22758	4.347	ug/l	93
46) Dibromomethane	9.394	93	12029	4.309	ug/l	97
47) Bromodichloromethane	9.582	83	29609	4.279	ug/l	91
48) Methyl methacrylate	9.382	41	14854m	4.564	ug/l	
49) 1,4-Dioxane	9.388	88	2730	75.391	ug/l #	66
51) 4-Methyl-2-Pentanone	10.158	43	67157	20.557	ug/l	100
52) Toluene	10.329	92	54730	4.056	ug/l	94
53) t-1,3-Dichloropropene	10.552	75	27454	3.961	ug/l	98
54) cis-1,3-Dichloropropene	10.017	75	34423	4.134	ug/l	98
55) 1,1,2-Trichloroethane	10.729	97	15578	4.094	ug/l	96
56) Ethyl methacrylate	10.594	69	23010	4.236	ug/l	97
57) 1,3-Dichloropropane	10.876	76	28831	4.330	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.870	63	45555	21.961	ug/l	100
59) 2-Hexanone	10.917	43	47041	20.345	ug/l	98
60) Dibromochloromethane	11.076	129	19554	4.163	ug/l	98
61) 1,2-Dibromoethane	11.182	107	14985	4.119	ug/l	100
64) Tetrachloroethene	10.805	164	17054	4.060	ug/l	92
65) Chlorobenzene	11.605	112	58801	4.028	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.676	131	19140	4.172	ug/l	98
67) Ethyl Benzene	11.682	91	102478	4.014	ug/l	98
68) m/p-Xylenes	11.793	106	78776	8.103	ug/l	99
69) o-Xylene	12.117	106	37997	4.050	ug/l	98
70) Styrene	12.129	104	64822	4.085	ug/l	99
71) Bromoform	12.299	173	10447	3.999	ug/l #	99
73) Isopropylbenzene	12.417	105	92698	3.928	ug/l	100
74) N-amyl acetate	12.229	43	26429	4.277	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.664	83	18522	4.215	ug/l	100
76) 1,2,3-Trichloropropane	12.717	75	11514m	4.462	ug/l	
77) Bromobenzene	12.699	156	22537	4.270	ug/l	96
78) n-propylbenzene	12.758	91	113279	3.987	ug/l	98
79) 2-Chlorotoluene	12.846	91	63235	3.870	ug/l	95
80) 1,3,5-Trimethylbenzene	12.899	105	76126	3.978	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.470	75	6309	3.633	ug/l	87
82) 4-Chlorotoluene	12.940	91	68465	4.079	ug/l	100
83) tert-Butylbenzene	13.164	119	65057	3.886	ug/l	99
84) 1,2,4-Trimethylbenzene	13.205	105	76421	4.000	ug/l	99
85) sec-Butylbenzene	13.340	105	98333	3.977	ug/l	99
86) p-Isopropyltoluene	13.458	119	80036	3.912	ug/l	99
87) 1,3-Dichlorobenzene	13.452	146	41918	4.107	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	42103	4.132	ug/l	92
89) n-Butylbenzene	13.782	91	74837	3.811	ug/l	100
90) Hexachloroethane	14.046	117	15998	4.047	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	36658	4.080	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	3028	4.569	ug/l	83
93) 1,2,4-Trichlorobenzene	15.093	180	23753	4.219	ug/l	97
94) Hexachlorobutadiene	15.199	225	9734	3.746	ug/l	97
95) Naphthalene	15.329	128	50644	4.049	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.517	180	21442	4.430	ug/l	97

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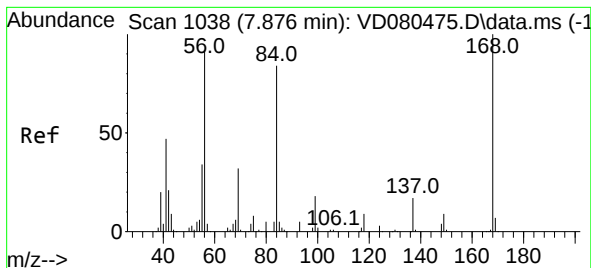
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025

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Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:45:13 2025
Response via : Initial Calibration

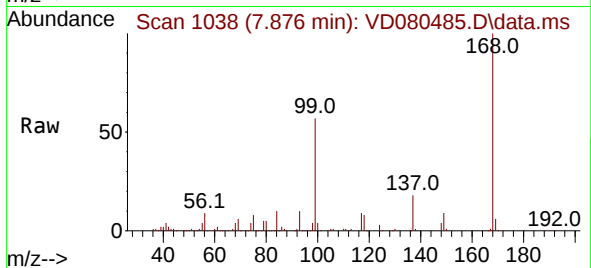
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080485.D
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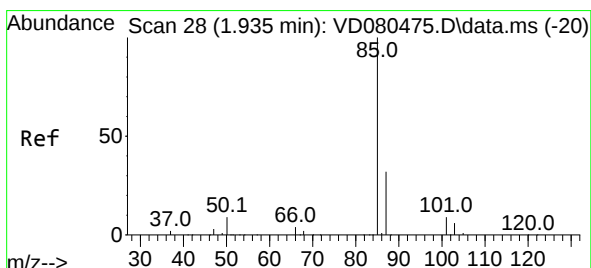
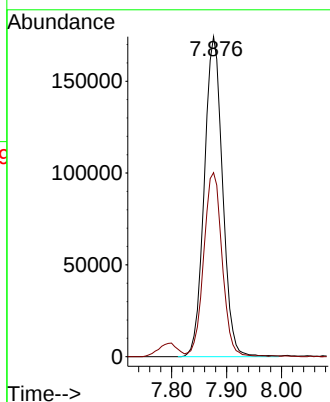
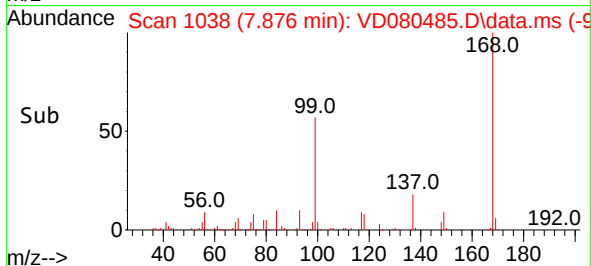
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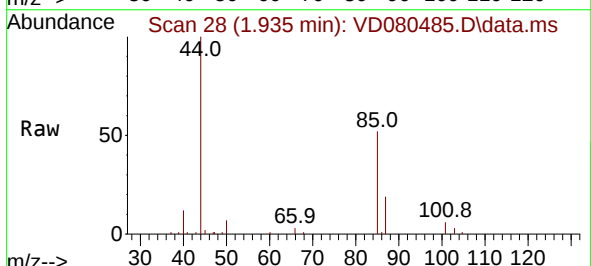
Tgt Ion:168 Resp: 40261
Ion Ratio Lower Upper
168 100
99 57.3 45.8 68.8

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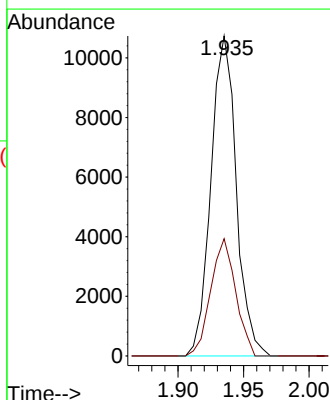
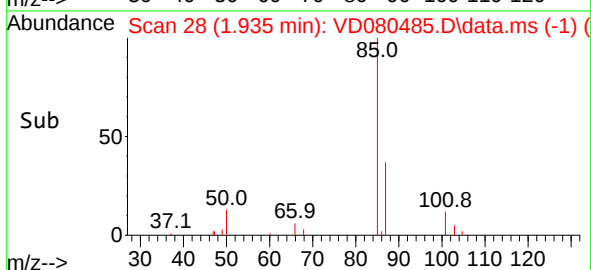
Reviewed By :Mahesh Dadoda 06/27/2025
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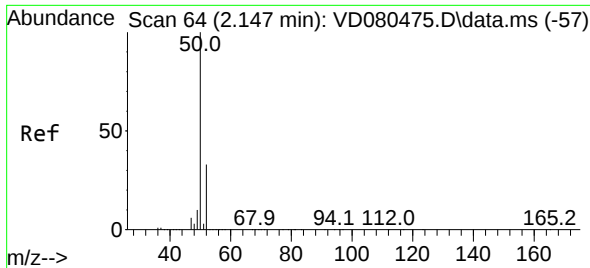


#2
Dichlorodifluoromethane
Concen: 4.032 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50



Tgt Ion: 85 Resp: 14433
Ion Ratio Lower Upper
85 100
87 36.6 16.0 47.9





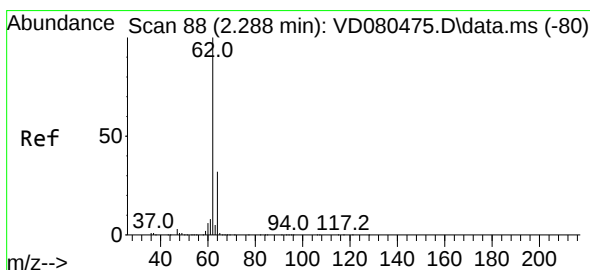
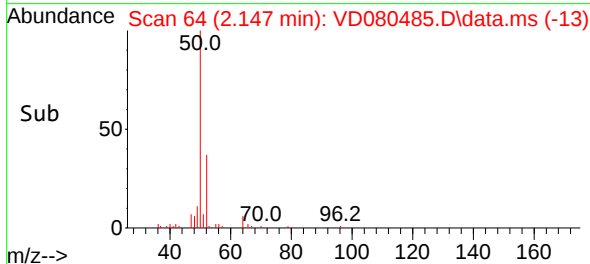
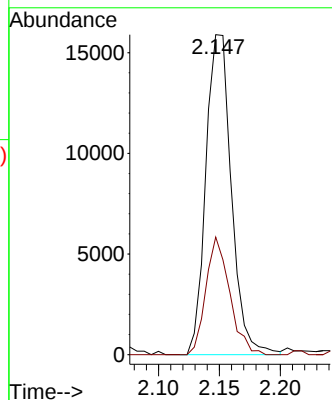
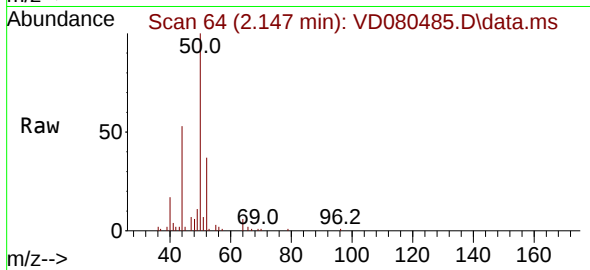
#3
Chloromethane
Concen: 4.648 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

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Tgt Ion: 50 Resp: 2323
Ion Ratio Lower Upper
50 100
52 36.8 26.1 39.1

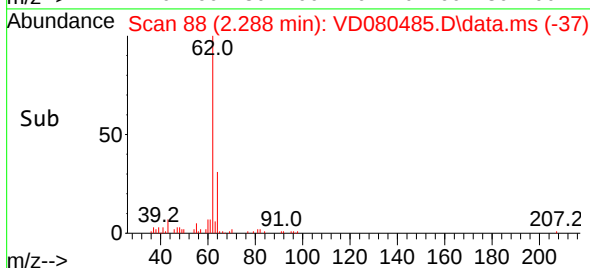
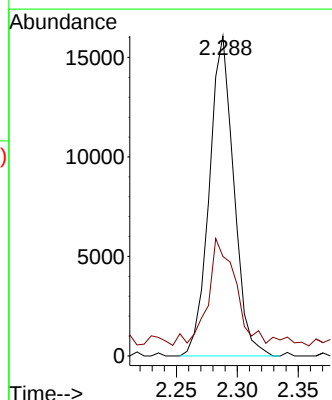
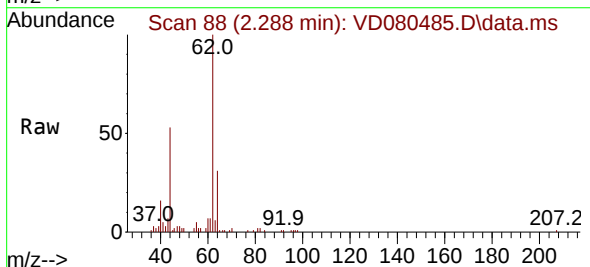
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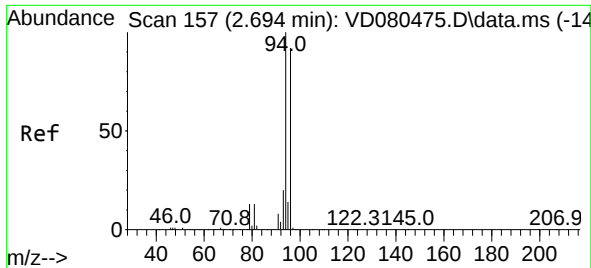
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#4
Vinyl Chloride
Concen: 4.451 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

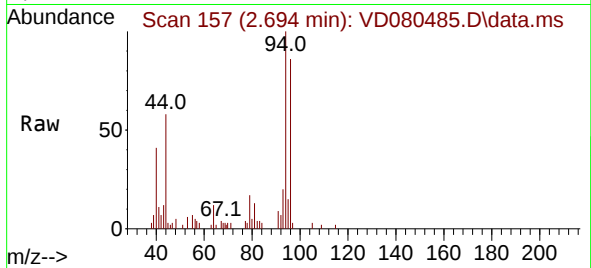
Tgt Ion: 62 Resp: 22569
Ion Ratio Lower Upper
62 100
64 26.1 25.5 38.3





#5
Bromomethane
Concen: 5.435 ug/l
RT: 2.694 min Scan# 157
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

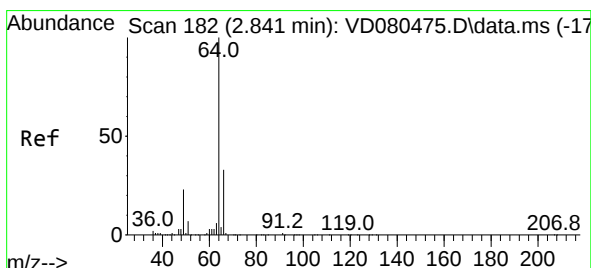
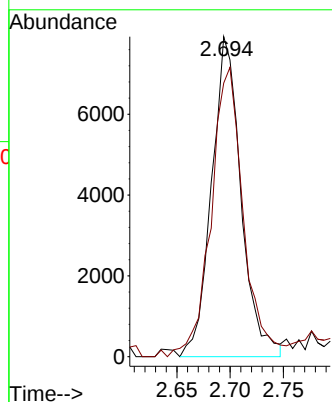
Instrument : MSVOA_D
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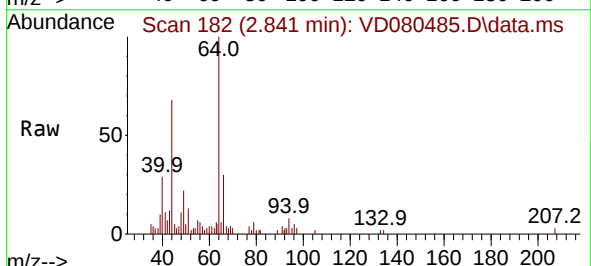
Tgt Ion: 94 Resp: 1523
Ion Ratio Lower Upper
94 100
96 99.1 74.8 112.2

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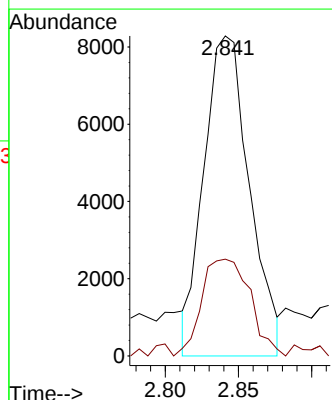
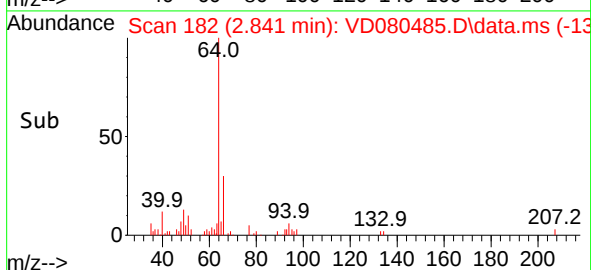
Reviewed By :Mahesh Dadoda 06/27/2025
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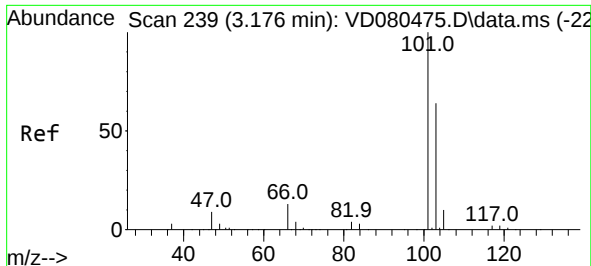


#6
Chloroethane
Concen: 5.636 ug/l m
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50



Tgt Ion: 64 Resp: 17939
Ion Ratio Lower Upper
64 100
66 30.2 26.3 39.5





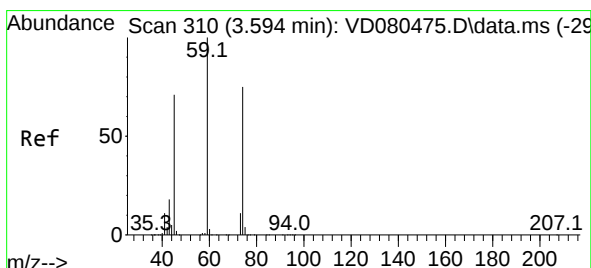
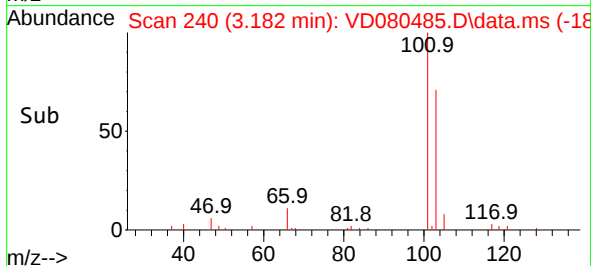
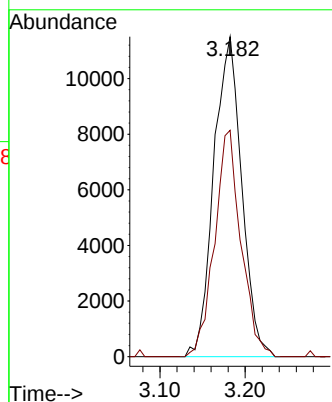
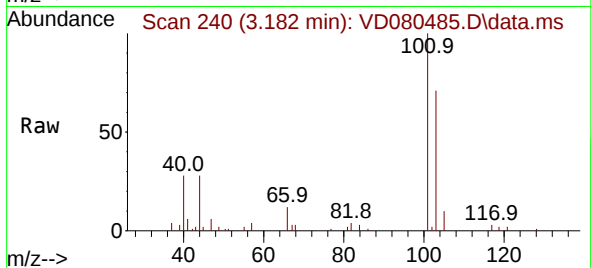
#7
Trichlorofluoromethane
Concen: 4.100 ug/l
RT: 3.182 min Scan# 24
Delta R.T. 0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

Tgt Ion:101 Resp: 26154
Ion Ratio Lower Upper
101 100
103 70.8 51.3 76.9

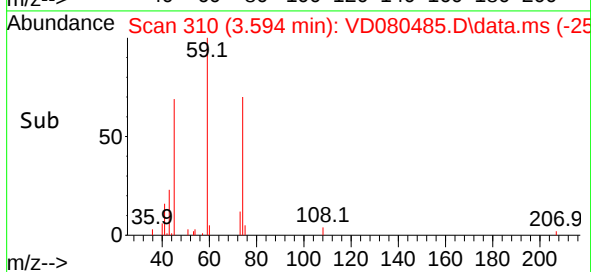
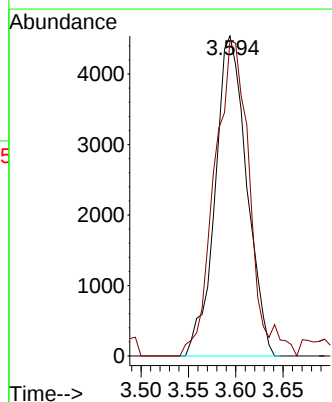
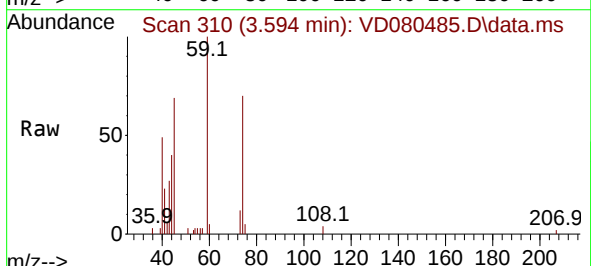
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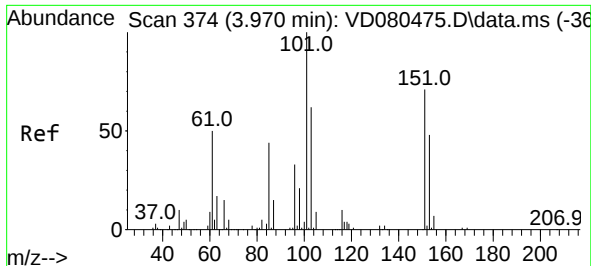
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#8
Diethyl Ether
Concen: 4.256 ug/l
RT: 3.594 min Scan# 310
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Tgt Ion: 74 Resp: 10569
Ion Ratio Lower Upper
74 100
45 108.8 46.6 139.8





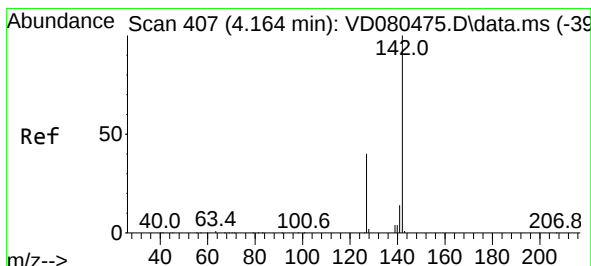
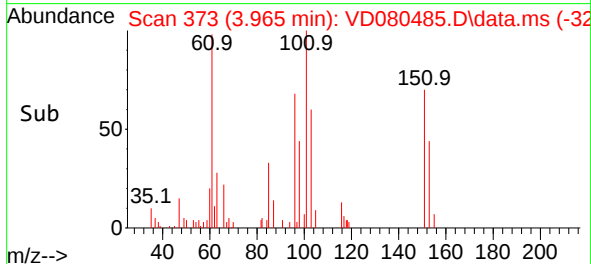
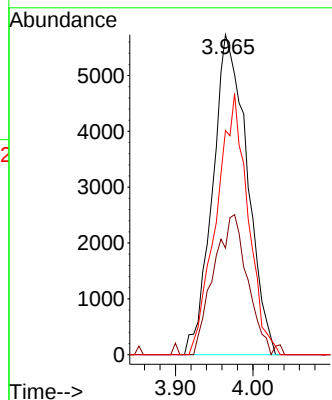
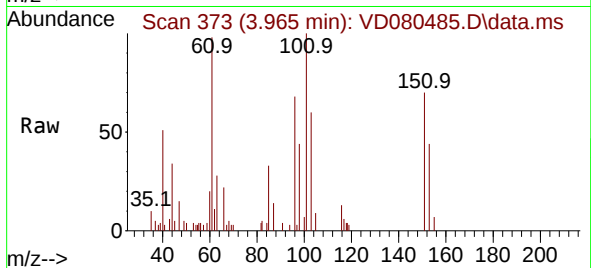
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.210 ug/l
RT: 3.965 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

Tgt Ion:101 Resp: 1776
Ion Ratio Lower Upper
101 100
85 43.3 34.0 51.0
151 75.0 58.4 87.6

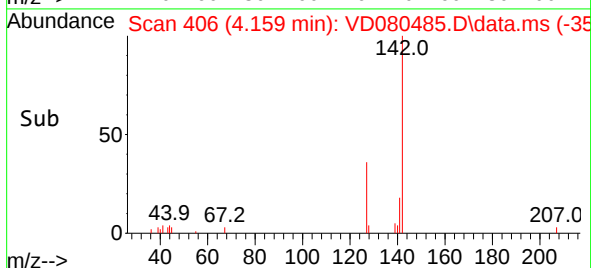
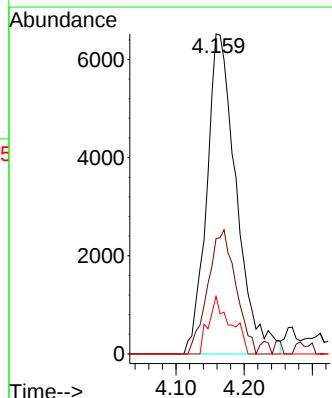
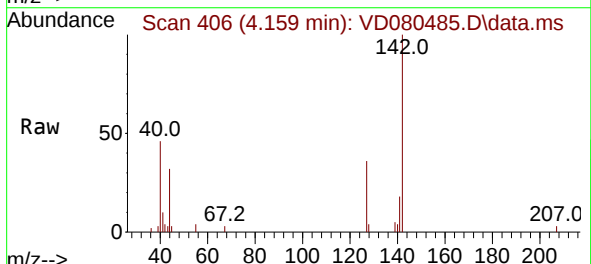
Manual Integrations
APPROVED

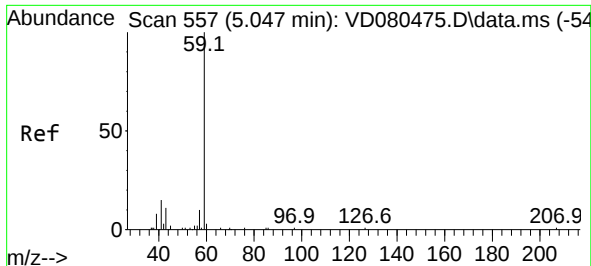
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#10
Methyl Iodide
Concen: 3.960 ug/l
RT: 4.159 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

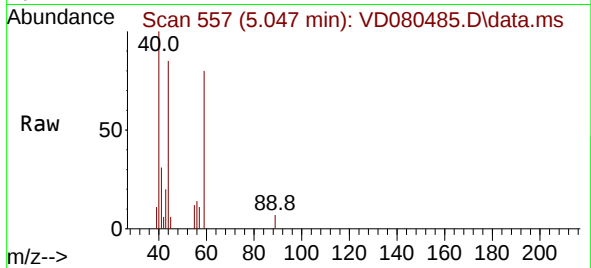
Tgt Ion:142 Resp: 19678
Ion Ratio Lower Upper
142 100
127 36.7 32.6 49.0
141 13.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 23.490 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

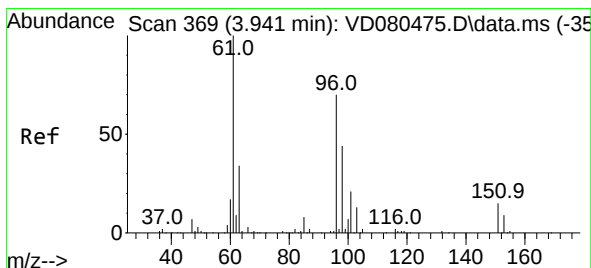
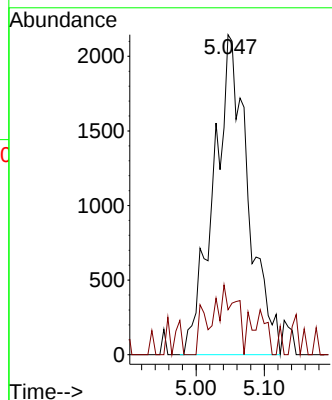
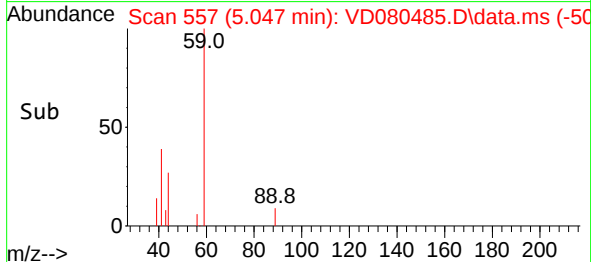
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



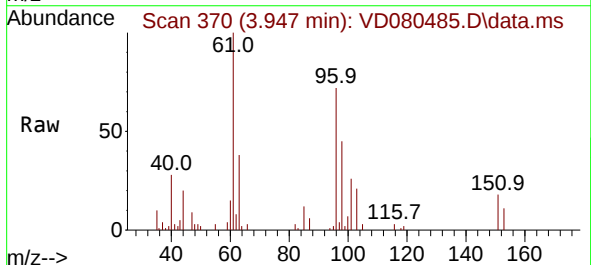
Tgt Ion: 59 Resp: 7549
Ion Ratio Lower Upper
59 100
57 12.3 8.8 13.2

Manual Integrations
APPROVED

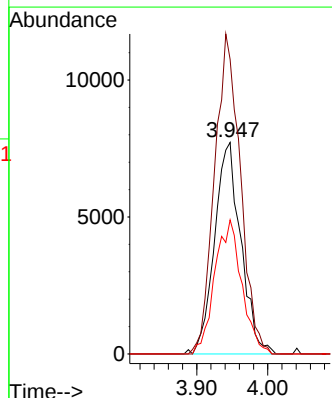
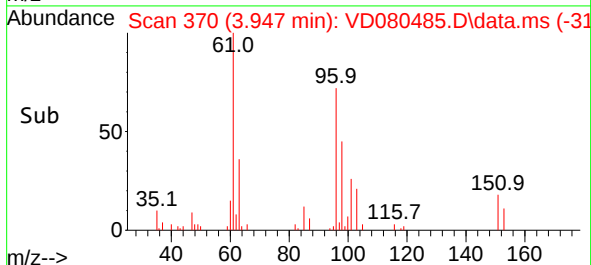
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025

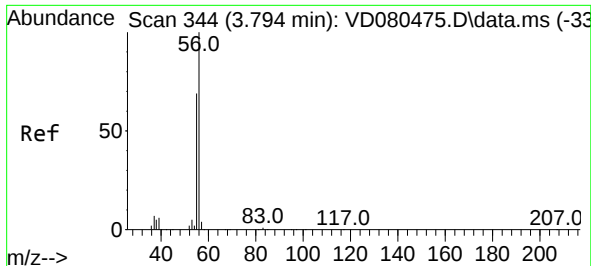


#12
1,1-Dichloroethene
Concen: 4.345 ug/l
RT: 3.947 min Scan# 370
Delta R.T. 0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50



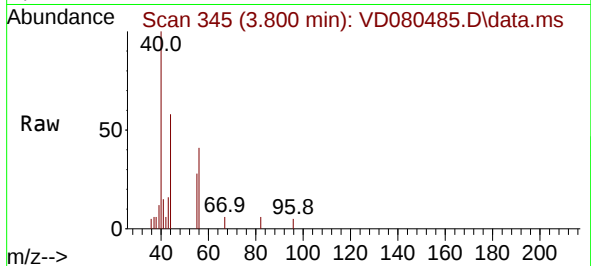
Tgt Ion: 96 Resp: 19796
Ion Ratio Lower Upper
96 100
61 139.2 114.9 172.3
98 63.3 50.5 75.7





#13
Acrolein
Concen: 8.720 ug/l
RT: 3.800 min Scan# 344
Delta R.T. 0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

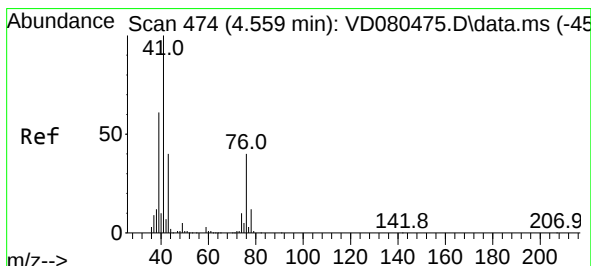
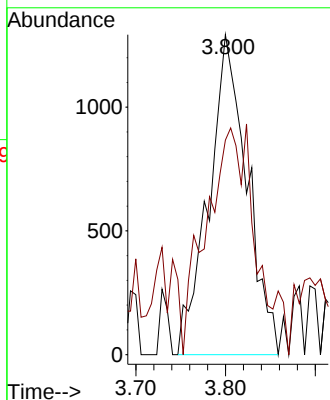
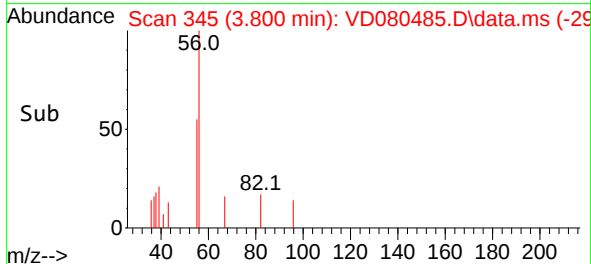
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



Tgt Ion: 56 Resp: 3819
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.2

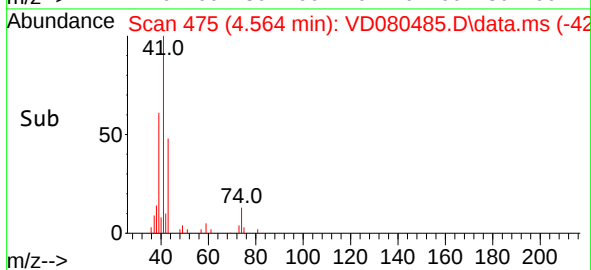
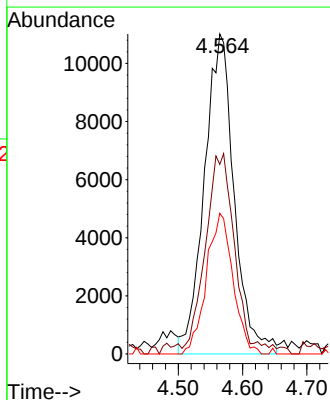
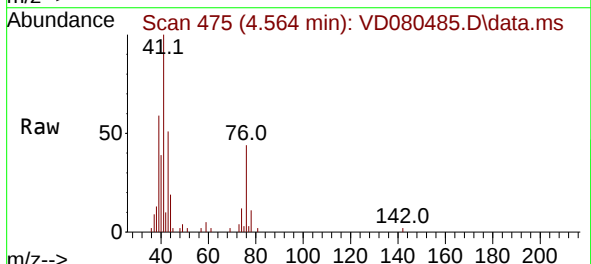
Manual Integrations
APPROVED

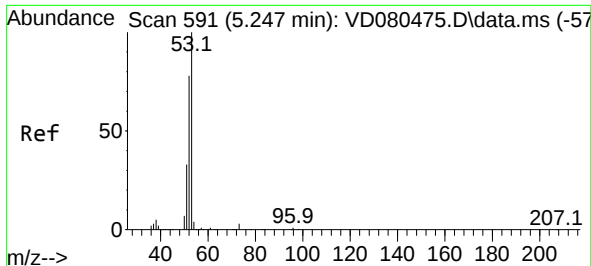
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#14
Allyl chloride
Concen: 4.447 ug/l m
RT: 4.564 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

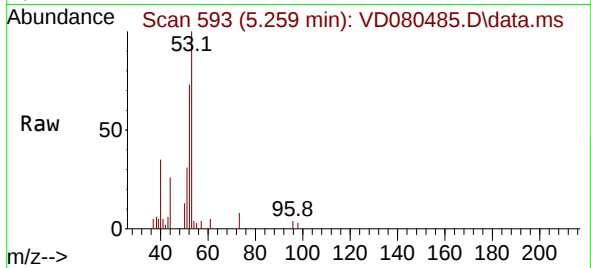
Tgt Ion: 41 Resp: 35484
Ion Ratio Lower Upper
41 100
39 62.5 47.4 71.2
76 39.1 30.5 45.7





#15
Acrylonitrile
Concen: 22.352 ug/l
RT: 5.259 min Scan# 593
Delta R.T. 0.012 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

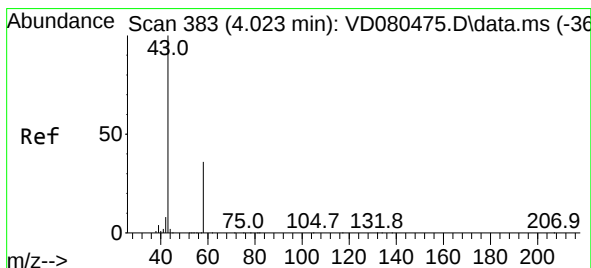
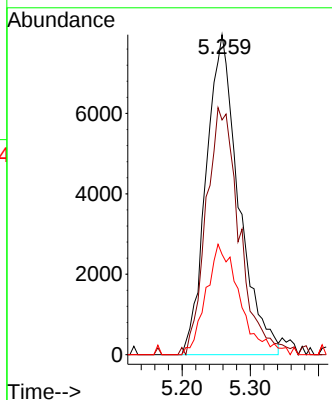
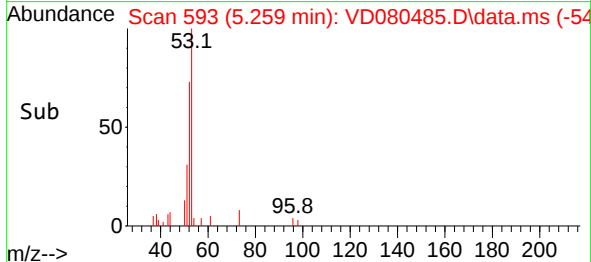
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-03-QT2-2025



Tgt Ion: 53 Resp: 26408
Ion Ratio Lower Upper
53 100
52 79.5 64.7 97.1
51 36.4 27.9 41.9

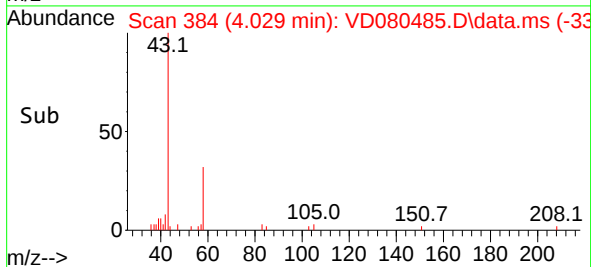
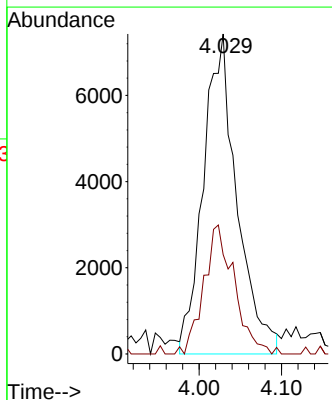
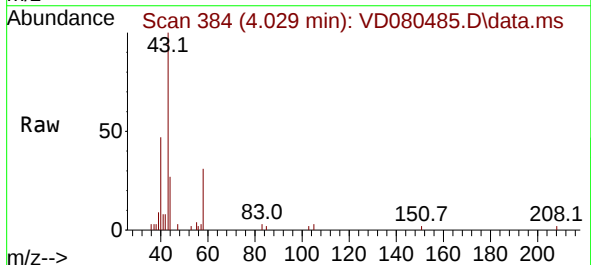
Manual Integrations
APPROVED

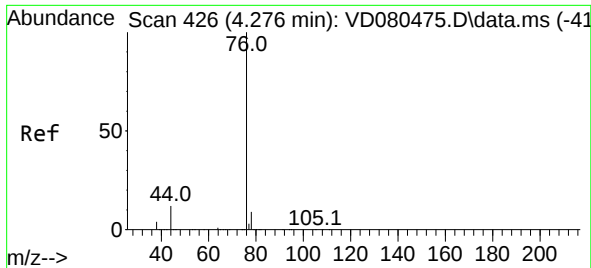
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#16
Acetone
Concen: 20.559 ug/l m
RT: 4.029 min Scan# 384
Delta R.T. 0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Tgt Ion: 43 Resp: 20966
Ion Ratio Lower Upper
43 100
58 31.1 29.0 43.4





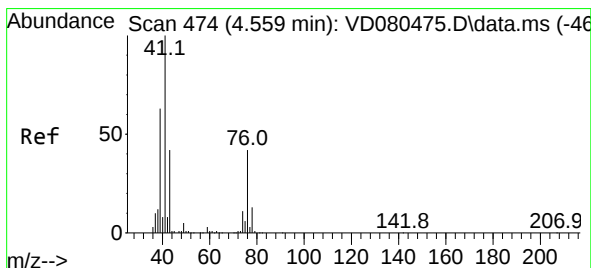
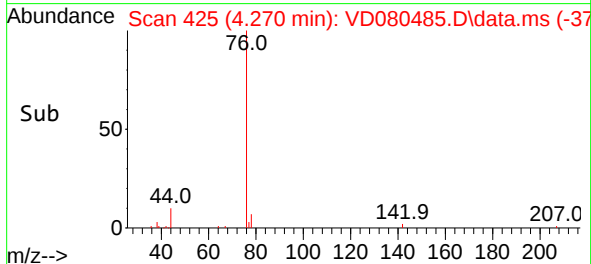
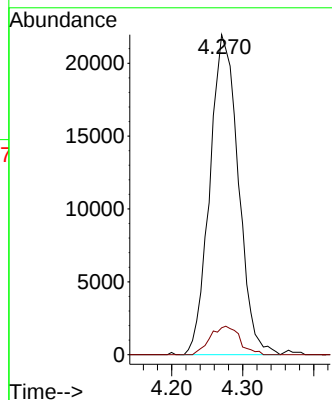
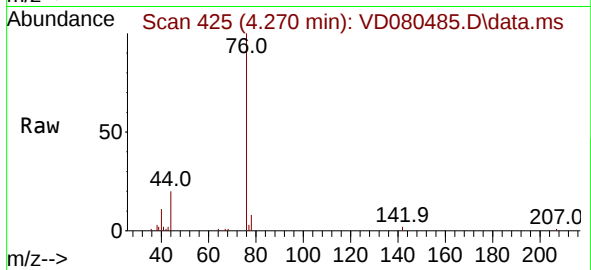
#17
Carbon Disulfide
Concen: 4.261 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

Tgt Ion: 76 Resp: 61319
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

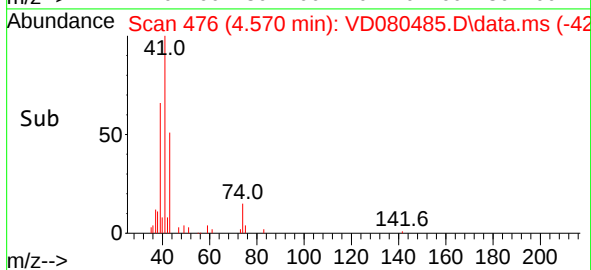
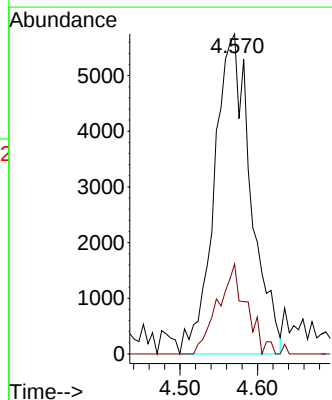
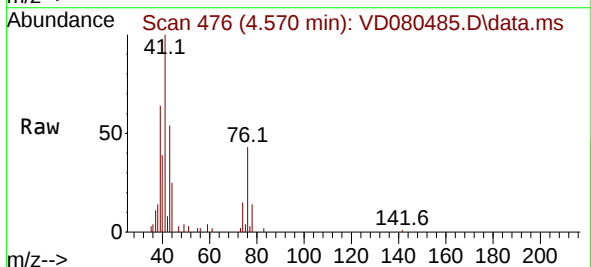
Manual Integrations
APPROVED

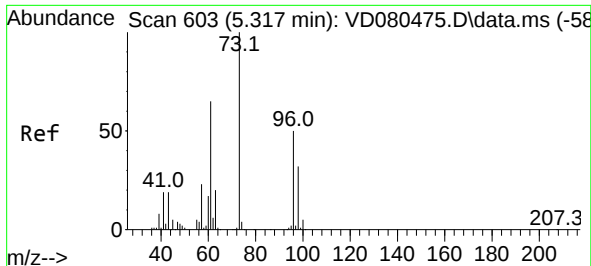
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#18
Methyl Acetate
Concen: 6.086 ug/l
RT: 4.570 min Scan# 476
Delta R.T. 0.012 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Tgt Ion: 43 Resp: 18880
Ion Ratio Lower Upper
43 100
74 22.1 20.4 30.6





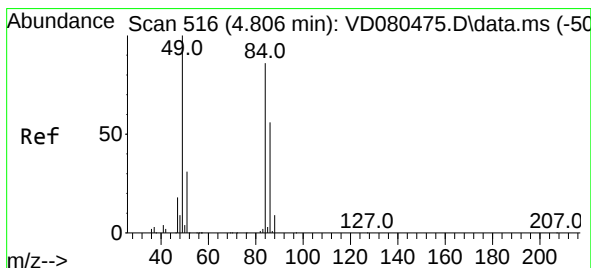
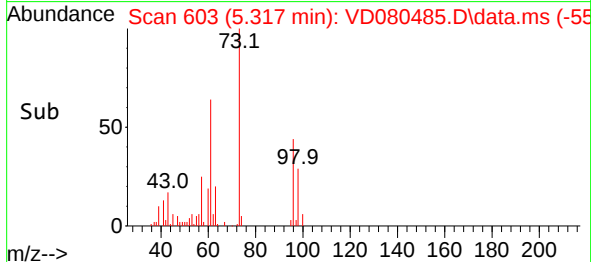
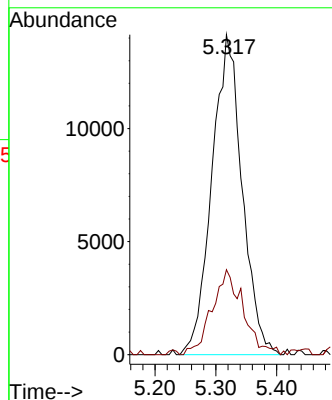
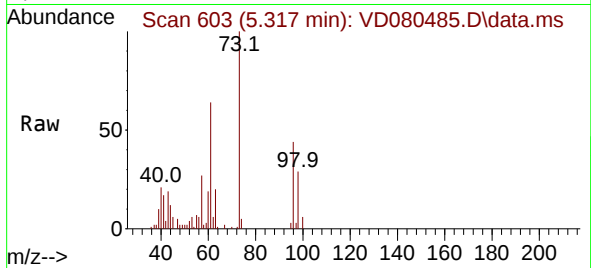
#19
Methyl tert-butyl Ether
Concen: 4.312 ug/l
RT: 5.317 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

Tgt Ion: 73 Resp: 48830
Ion Ratio Lower Upper
73 100
57 26.6 18.5 27.7

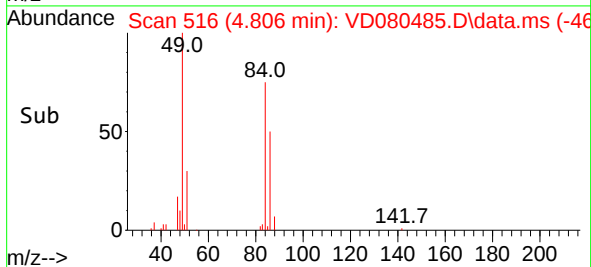
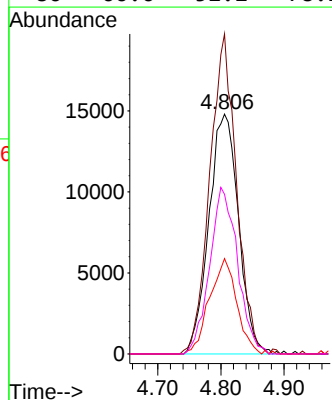
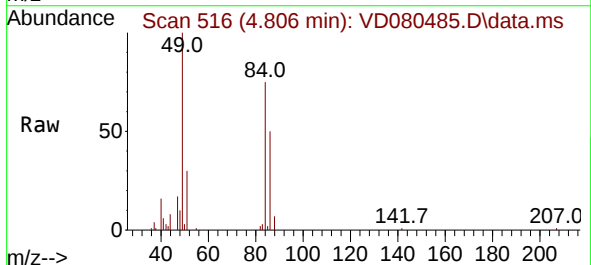
Manual Integrations
APPROVED

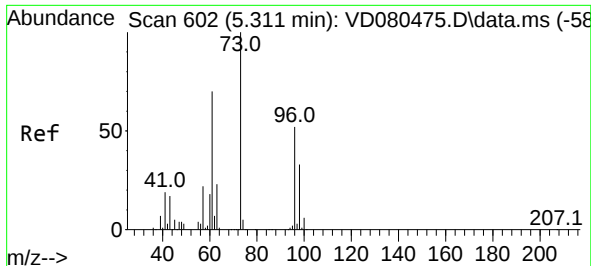
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#20
Methylene Chloride
Concen: 7.582 ug/l
RT: 4.806 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

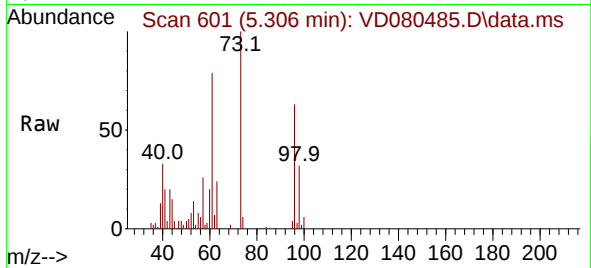
Tgt Ion: 84 Resp: 48404
Ion Ratio Lower Upper
84 100
49 133.4 92.8 139.2
51 39.7 29.0 43.6
86 66.6 52.2 78.2





#21
trans-1,2-Dichloroethene
Concen: 4.489 ug/l
RT: 5.306 min Scan# 602
Delta R.T. -0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

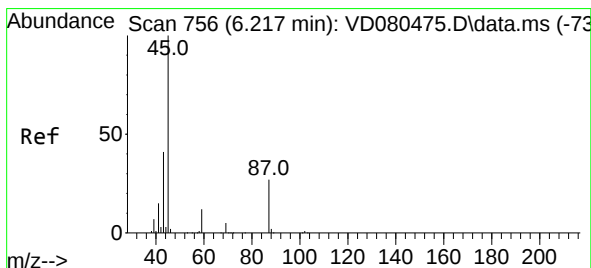
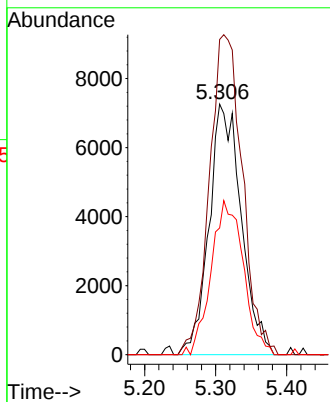
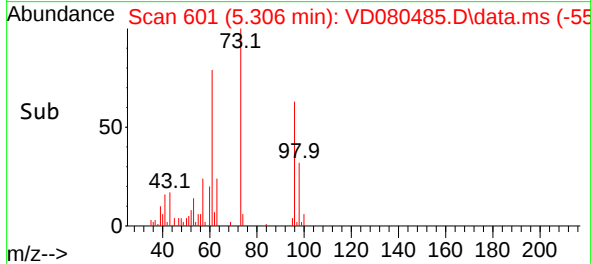
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-03-QT2-2025



Tgt Ion: 96 Resp: 2281
Ion Ratio Lower Upper
96 100
61 125.8 108.6 163.0
98 50.6 51.5 77.3

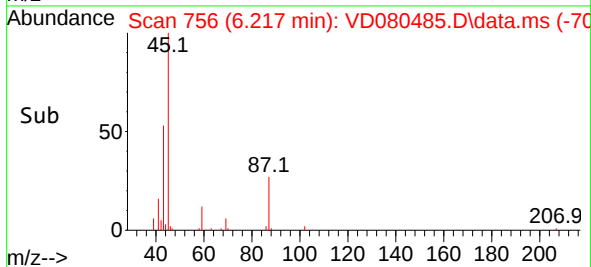
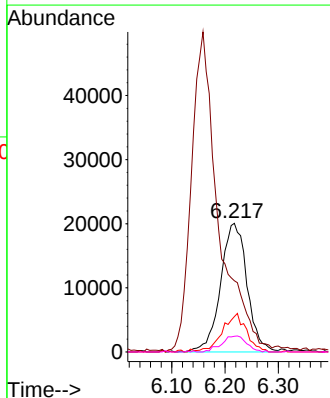
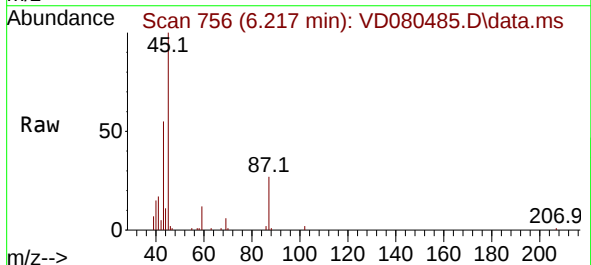
Manual Integrations
APPROVED

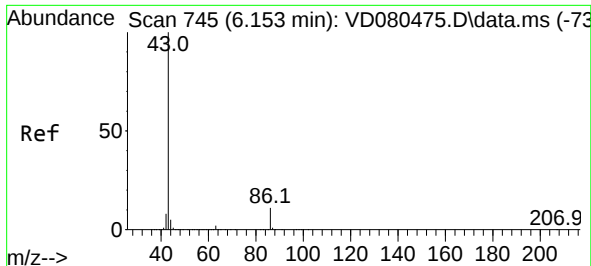
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#22
Diisopropyl ether
Concen: 4.500 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

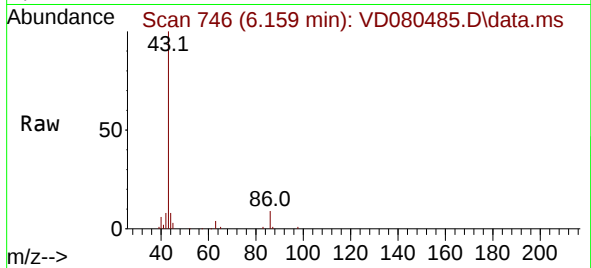
Tgt Ion: 45 Resp: 69320
Ion Ratio Lower Upper
45 100
43 50.7 39.5 59.3
87 27.5 22.3 33.5
59 12.3 9.3 13.9





#23
 Vinyl Acetate
 Concen: 20.478 ug/l
 RT: 6.159 min Scan# 745
 Delta R.T. 0.006 min
 Lab File: VD080485.D
 Acq: 26 Jun 2025 16:50

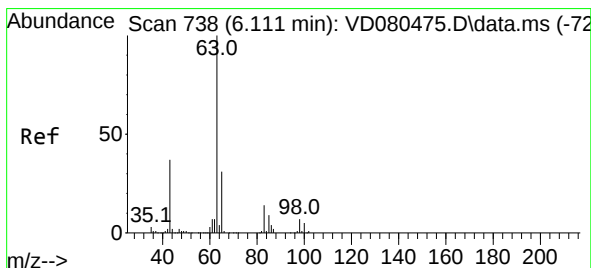
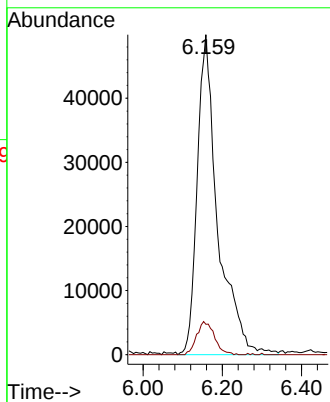
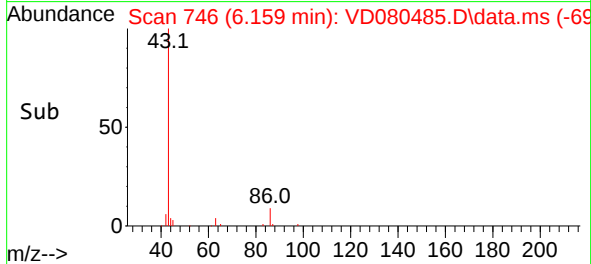
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025



Tgt Ion: 43 Resp: 179752
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.7 13.1

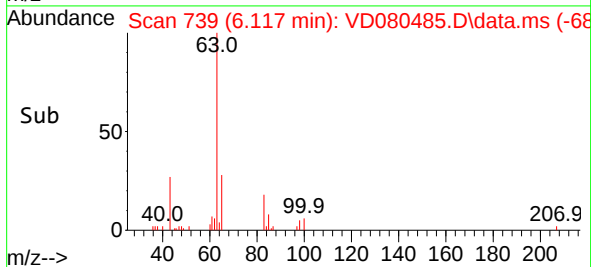
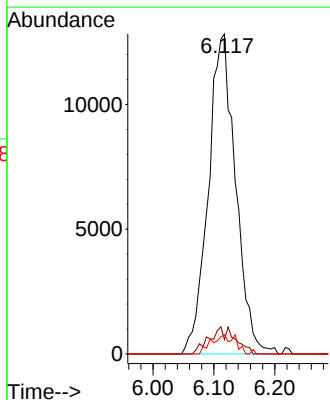
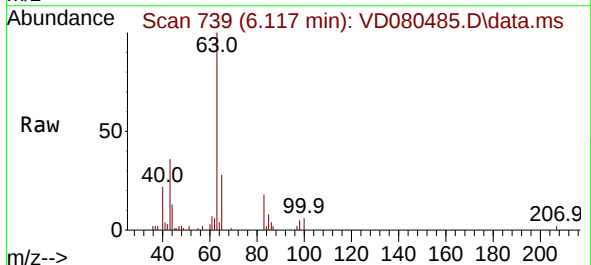
Manual Integrations
 APPROVED

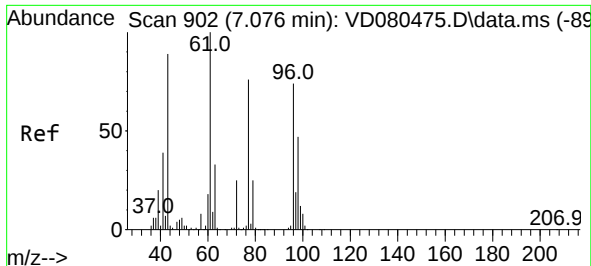
Reviewed By :Mahesh Dadoda 06/27/2025
 Supervised By :Semsettin Yesilyurt 06/27/2025



#24
 1,1-Dichloroethane
 Concen: 4.432 ug/l
 RT: 6.117 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD080485.D
 Acq: 26 Jun 2025 16:50

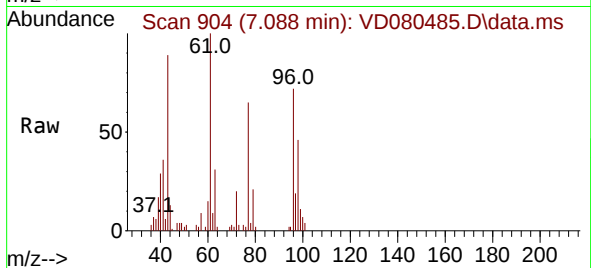
Tgt Ion: 63 Resp: 40060
 Ion Ratio Lower Upper
 63 100
 98 4.5 3.3 9.9
 100 6.0 2.5 7.4





#25
2-Butanone
Concen: 21.338 ug/l
RT: 7.088 min Scan# 904
Delta R.T. 0.012 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

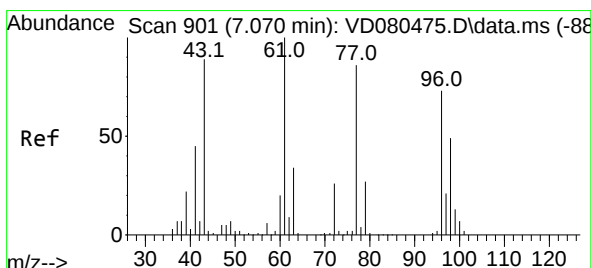
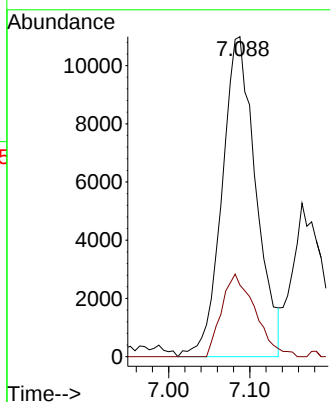
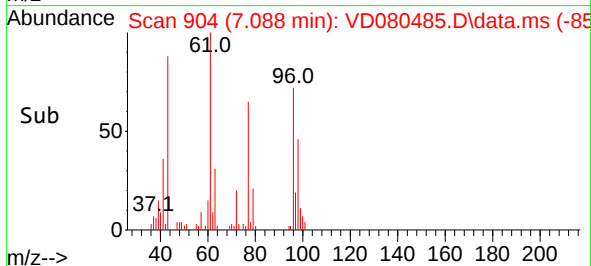
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



Tgt Ion: 43 Resp: 31938
Ion Ratio Lower Upper
43 100
72 22.3 22.8 34.2

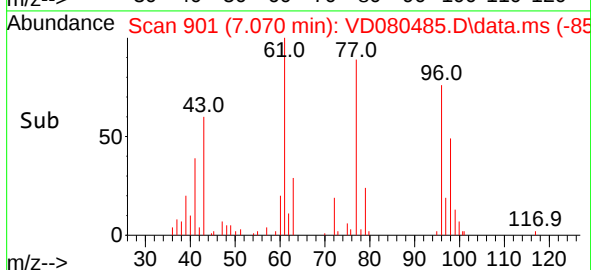
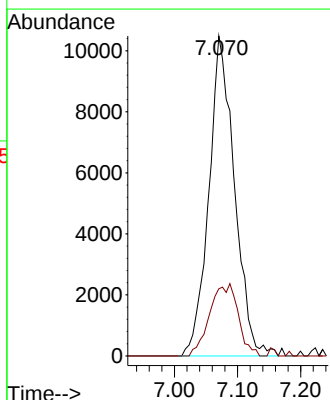
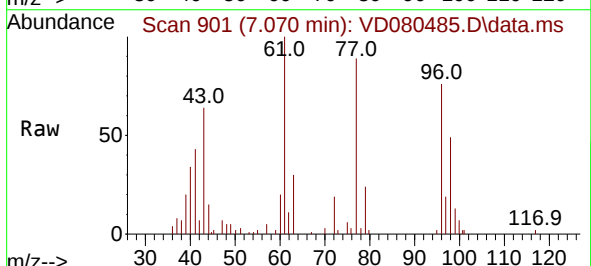
Manual Integrations
APPROVED

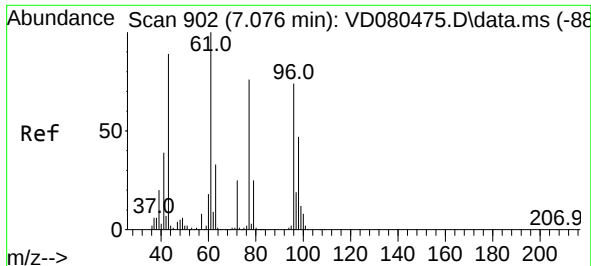
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#26
2,2-Dichloropropane
Concen: 4.142 ug/l
RT: 7.070 min Scan# 901
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

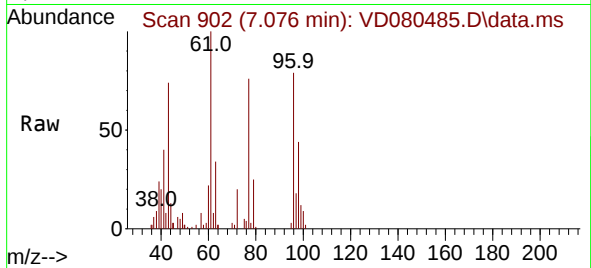
Tgt Ion: 77 Resp: 29630
Ion Ratio Lower Upper
77 100
97 25.0 12.2 36.6





#27
cis-1,2-Dichloroethene
Concen: 4.464 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

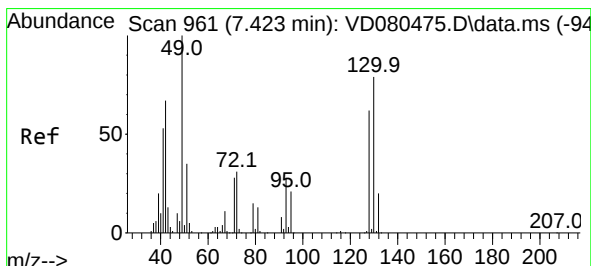
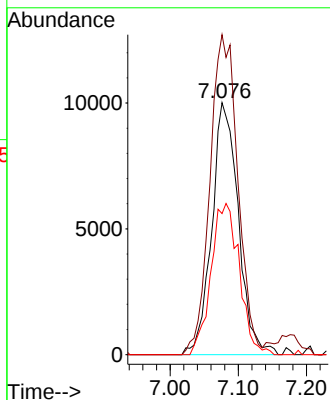
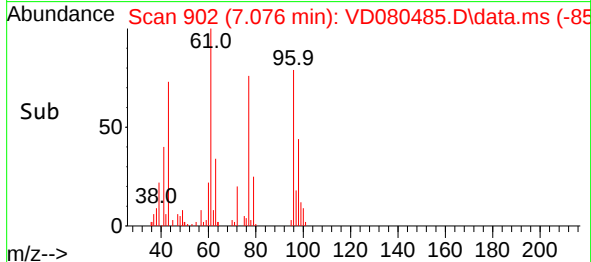
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



Tgt Ion: 96 Resp: 2712
Ion Ratio Lower Upper
96 100
61 133.6 0.0 274.6
98 64.0 0.0 128.0

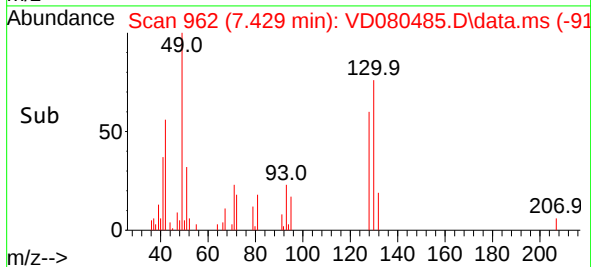
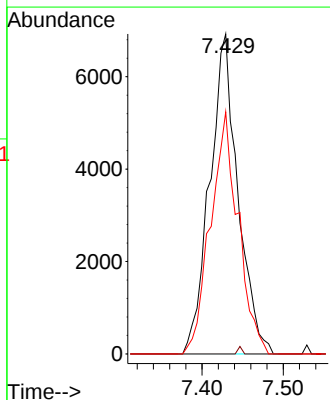
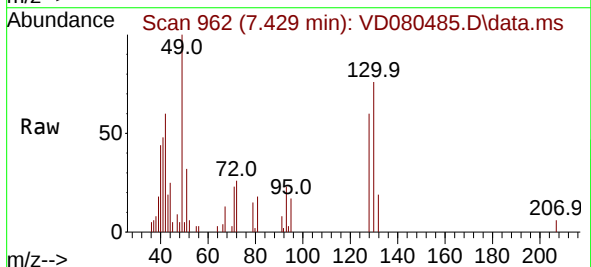
Manual Integrations
APPROVED

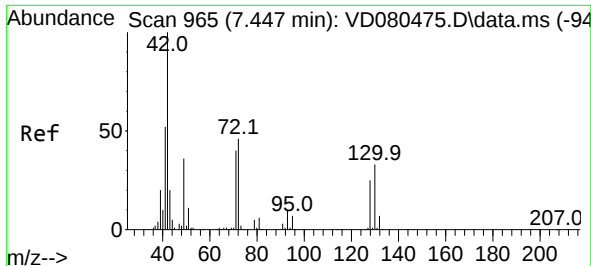
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#28
Bromochloromethane
Concen: 4.683 ug/l
RT: 7.429 min Scan# 962
Delta R.T. 0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Tgt Ion: 49 Resp: 16689
Ion Ratio Lower Upper
49 100
129 0.3 0.0 4.2
130 74.5 62.8 94.2





#29

Tetrahydrofuran

Concen: 21.852 ug/l

RT: 7.453 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD080485.D

Acq: 26 Jun 2025 16:50

Instrument :

MSVOA_D

ClientSampleId :

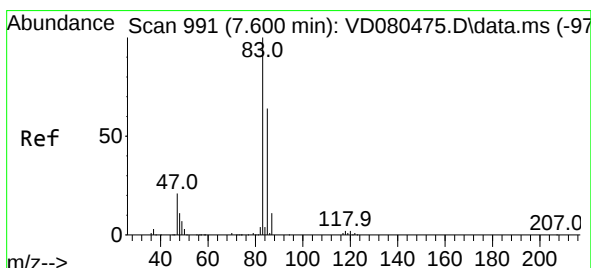
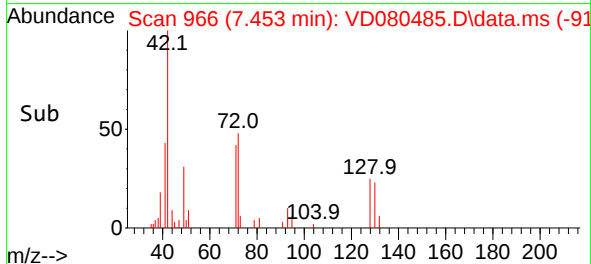
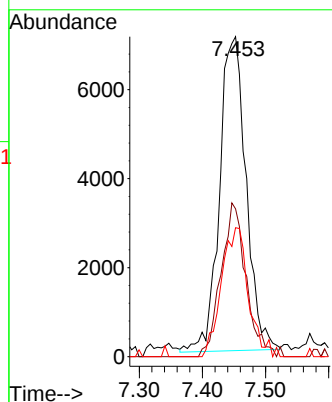
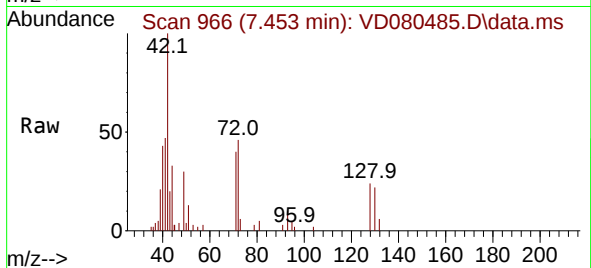
LOD-MDL-SOIL-03-QT2-2025

Tgt Ion:	42	Resp:	20600
Ion	Ratio	Lower	Upper
42	100		
72	45.9	35.9	53.9
71	41.7	33.2	49.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#30

Chloroform

Concen: 4.439 ug/l

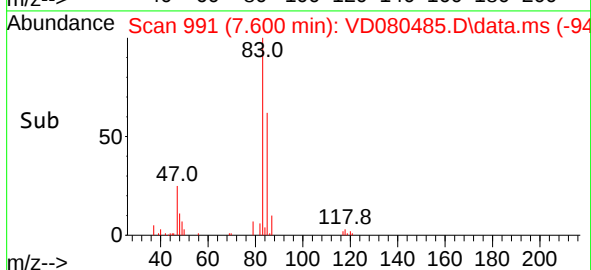
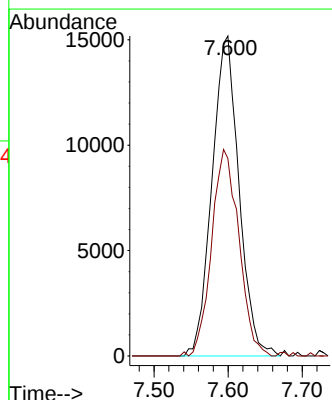
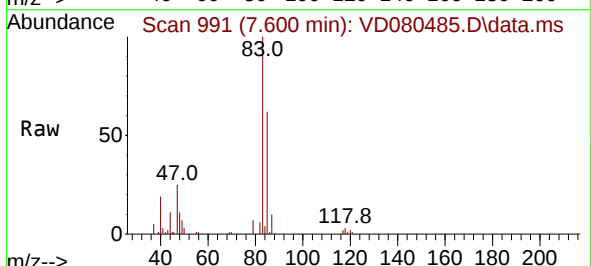
RT: 7.600 min Scan# 991

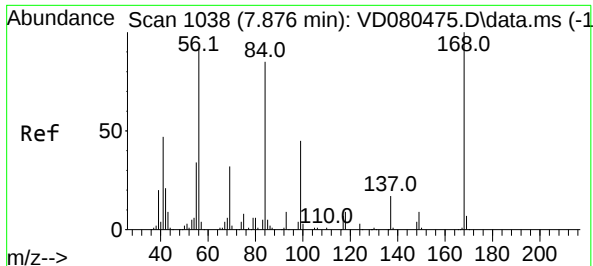
Delta R.T. 0.000 min

Lab File: VD080485.D

Acq: 26 Jun 2025 16:50

Tgt Ion:	83	Resp:	38411
Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.2	76.8





#31

Cyclohexane

Concen: 4.768 ug/l

RT: 7.882 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VD080485.D

Acq: 26 Jun 2025 16:50

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

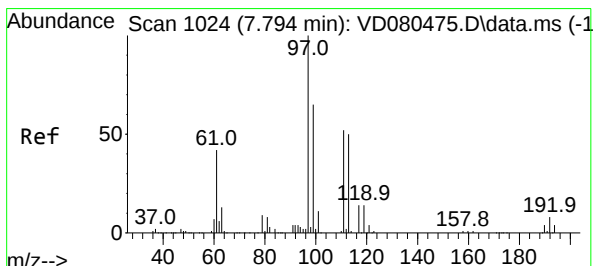
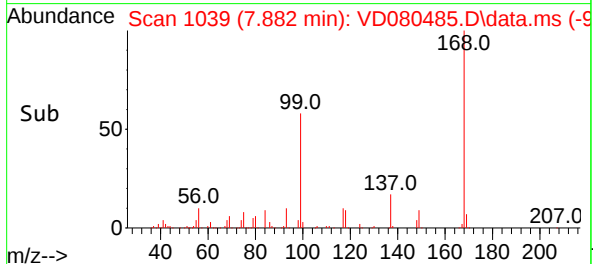
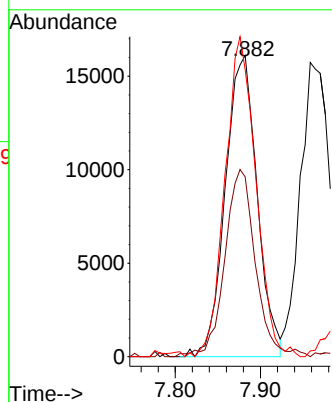
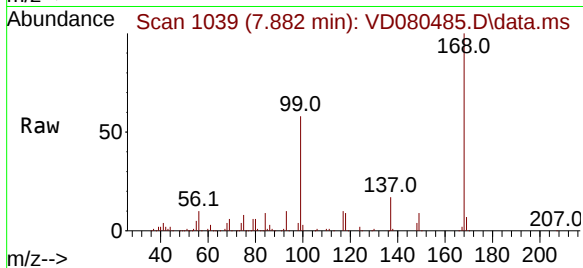
Tgt Ion: 56 Resp: 41759

Ion	Ratio	Lower	Upper
56	100		
69	58.7	28.1	42.1
84	93.7	73.7	110.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#32

1,1,1-Trichloroethane

Concen: 4.188 ug/l

RT: 7.788 min Scan# 1023

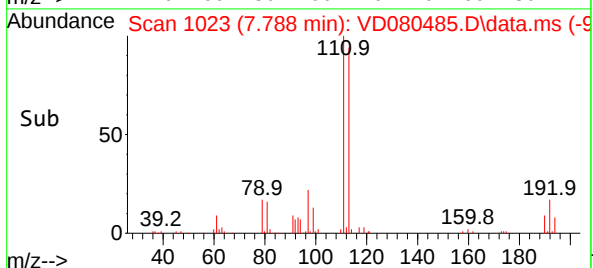
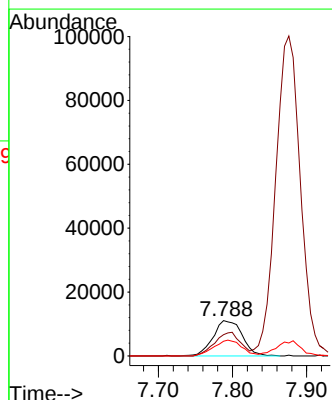
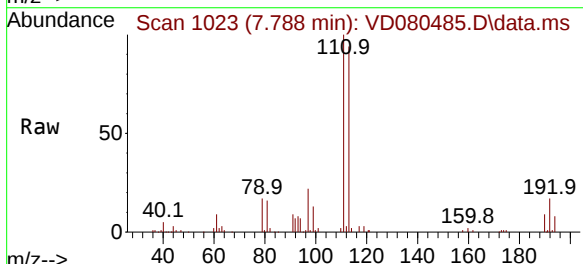
Delta R.T. -0.006 min

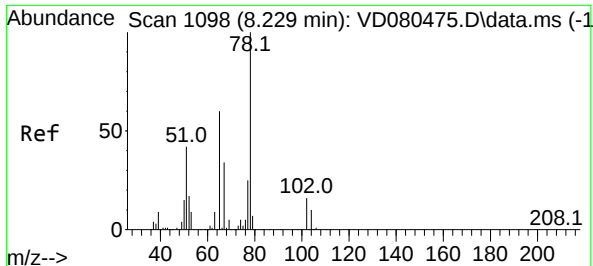
Lab File: VD080485.D

Acq: 26 Jun 2025 16:50

Tgt Ion: 97 Resp: 30298

Ion	Ratio	Lower	Upper
97	100		
99	59.2	51.5	77.3
61	43.1	33.8	50.6





#33

1,2-Dichloroethane-d4

Concen: 56.161 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VD080485.D

Acq: 26 Jun 2025 16:50

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

Tgt Ion: 65 Resp: 221668

Ion Ratio Lower Upper

65 100

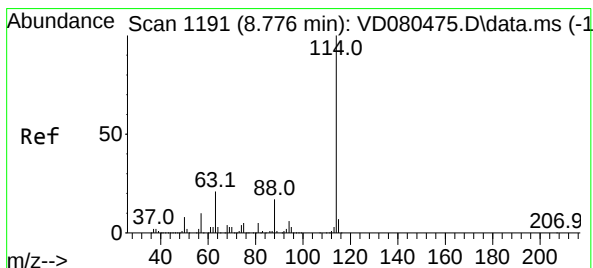
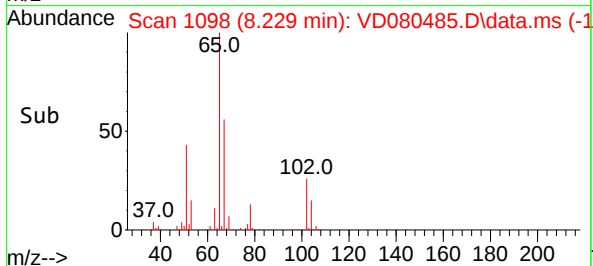
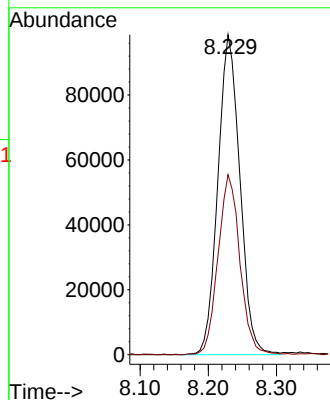
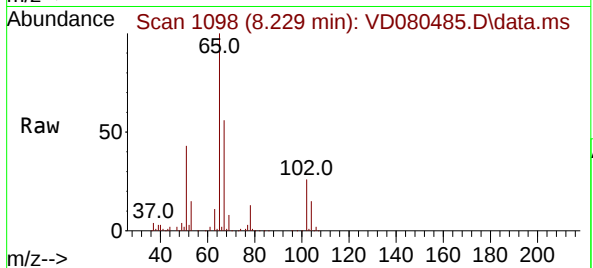
67 56.0 0.0 113.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025

Supervised By :Semsettin Yesilyurt 06/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080485.D

Acq: 26 Jun 2025 16:50

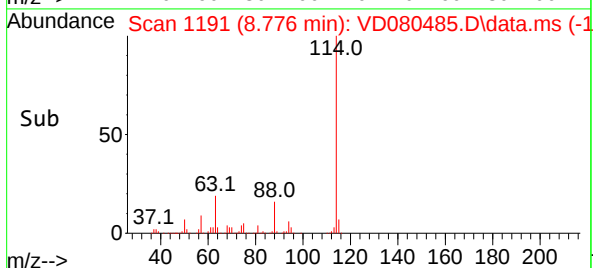
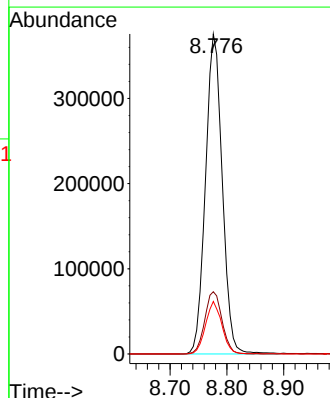
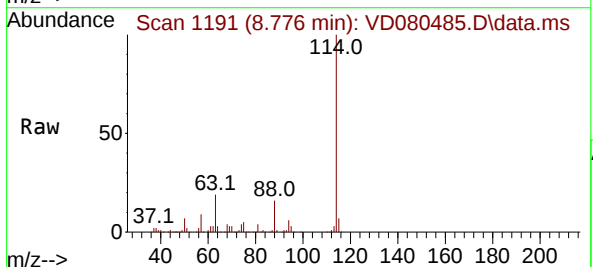
Tgt Ion:114 Resp: 769059

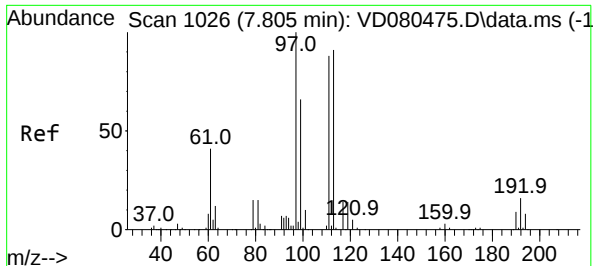
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.0

88 16.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.754 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080485.D

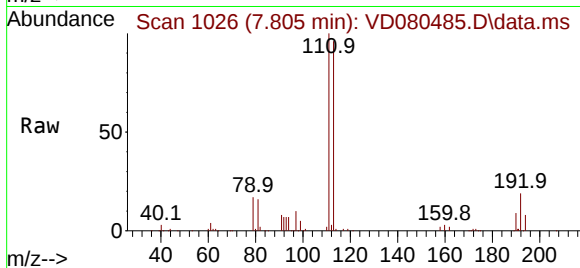
Acq: 26 Jun 2025 16:50

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

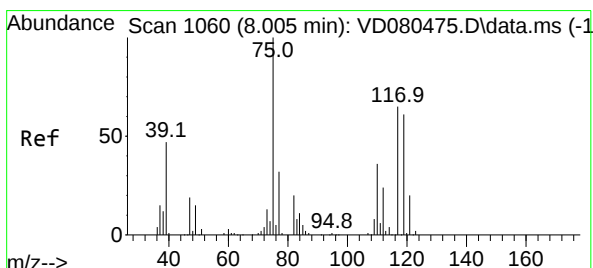
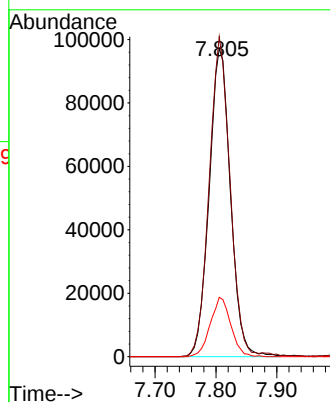
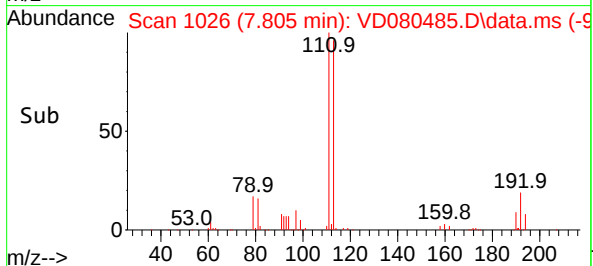


Tgt Ion:	113	Resp:	235794
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.5	123.7
192	18.6	15.0	22.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#36

1,1-Dichloropropene

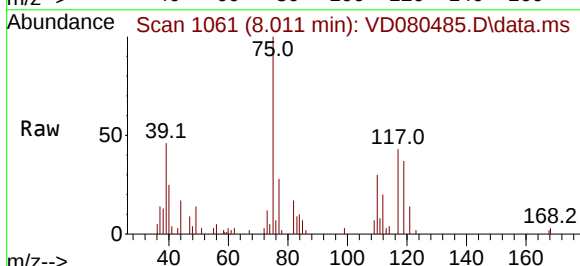
Concen: 4.227 ug/l

RT: 8.011 min Scan# 1061

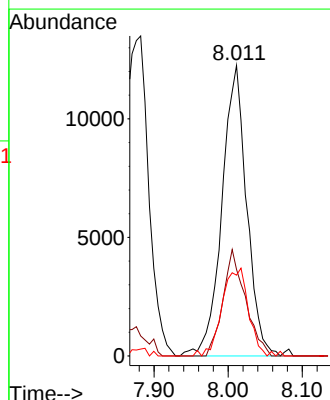
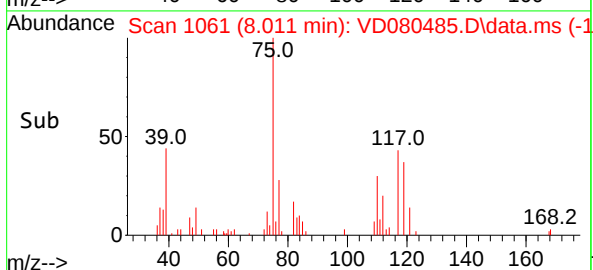
Delta R.T. 0.006 min

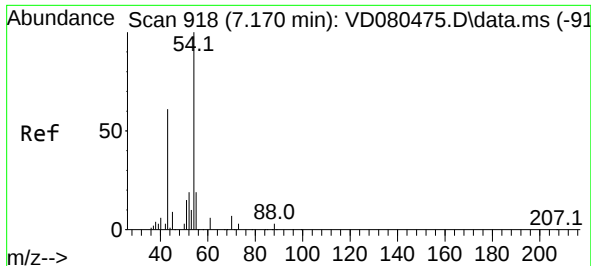
Lab File: VD080485.D

Acq: 26 Jun 2025 16:50



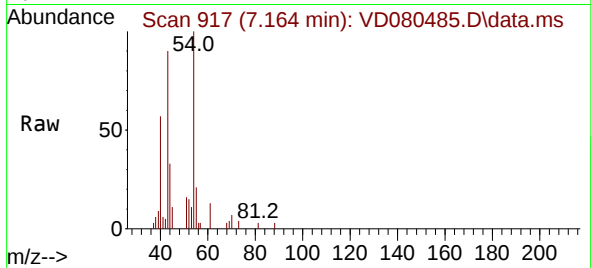
Tgt Ion:	75	Resp:	28432
Ion	Ratio	Lower	Upper
75	100		
110	33.5	18.2	54.6
77	31.9	25.2	37.8





#37
Ethyl Acetate
Concen: 4.644 ug/l m
RT: 7.164 min Scan# 917
Delta R.T. -0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

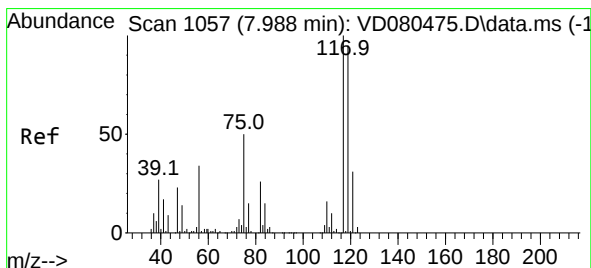
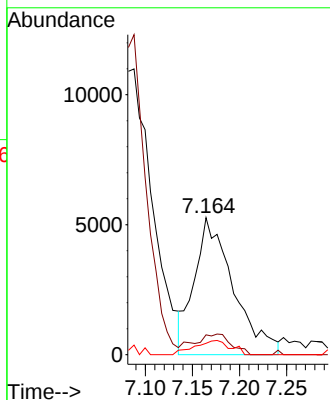
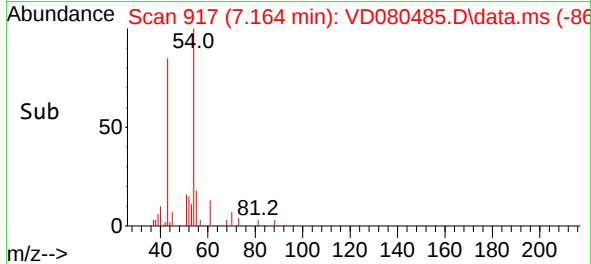
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



Tgt Ion: 43 Resp: 15180
Ion Ratio Lower Upper
43 100
61 14.3 12.2 18.2
70 9.4 9.2 13.8

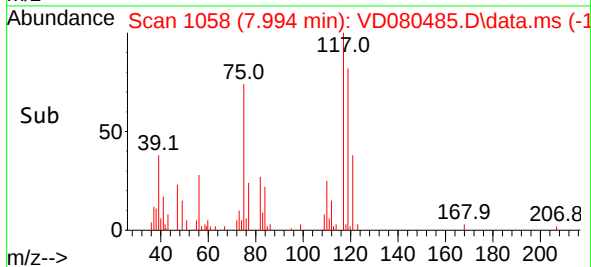
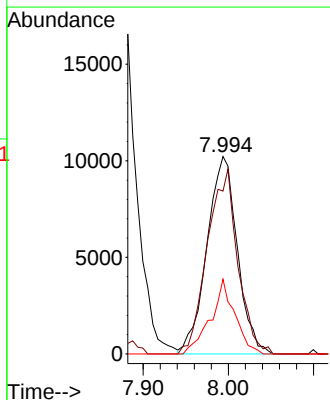
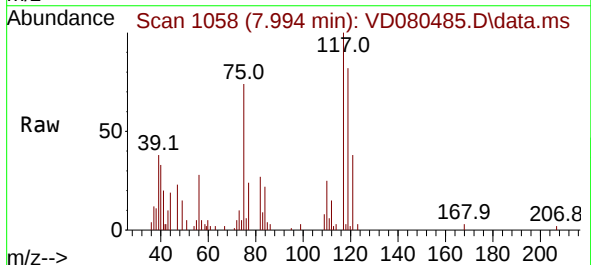
Manual Integrations
APPROVED

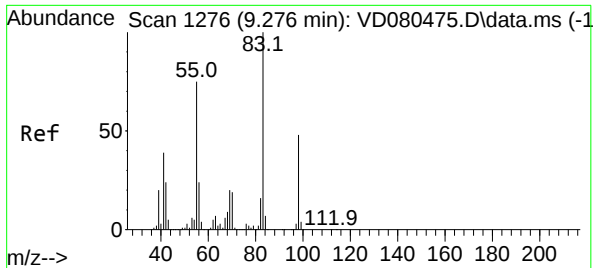
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#38
Carbon Tetrachloride
Concen: 3.950 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

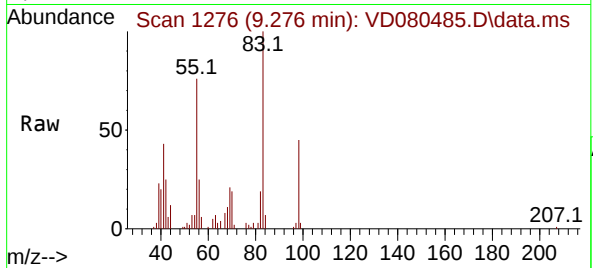
Tgt Ion:117 Resp: 25382
Ion Ratio Lower Upper
117 100
119 82.5 75.8 113.6
121 37.8 25.0 37.4#





#39
Methylcyclohexane
Concen: 3.830 ug/l
RT: 9.276 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

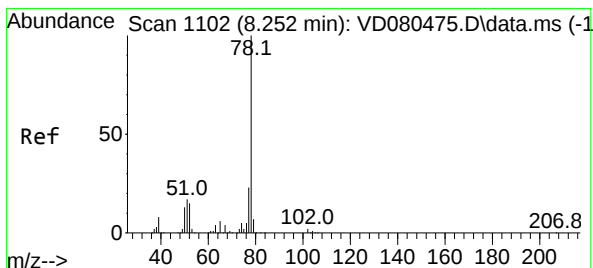
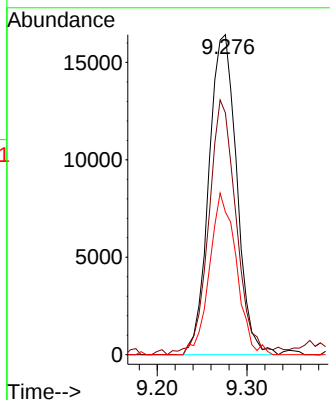
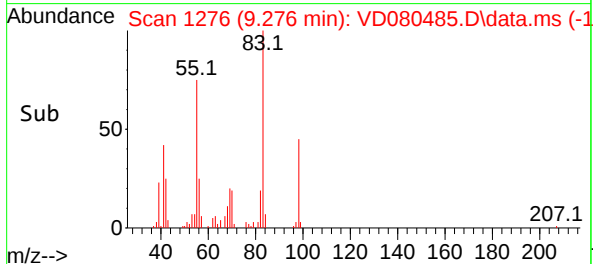
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



Tgt Ion: 83 Resp: 35470
Ion Ratio Lower Upper
83 100
55 74.4 59.8 89.8
98 44.6 38.2 57.2

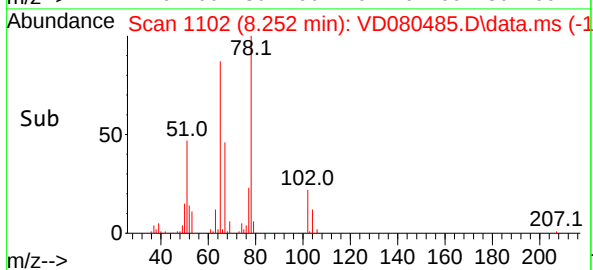
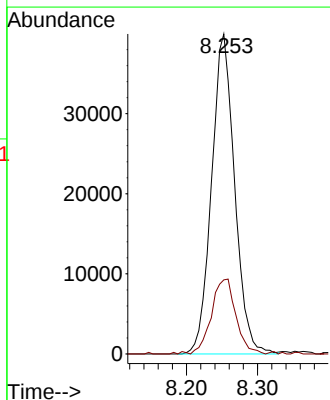
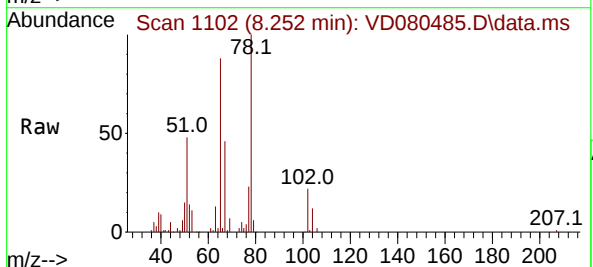
Manual Integrations
APPROVED

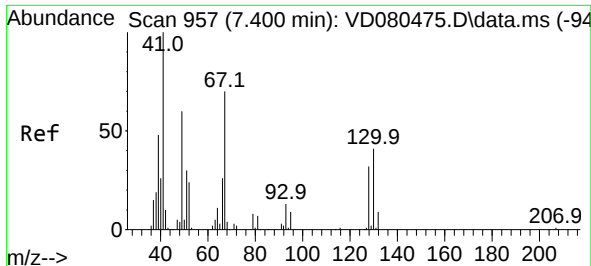
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#40
Benzene
Concen: 4.169 ug/l
RT: 8.252 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

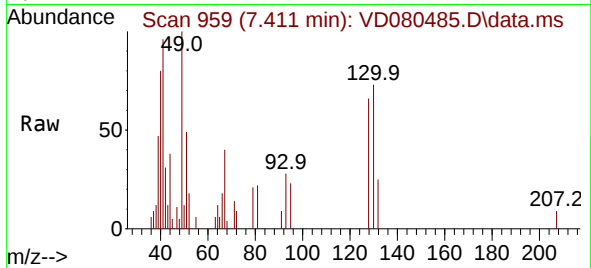
Tgt Ion: 78 Resp: 89991
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0





#41
Methacrylonitrile
Concen: 4.256 ug/l m
RT: 7.411 min Scan# 959
Delta R.T. 0.012 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

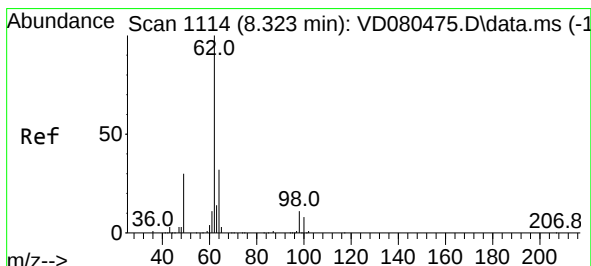
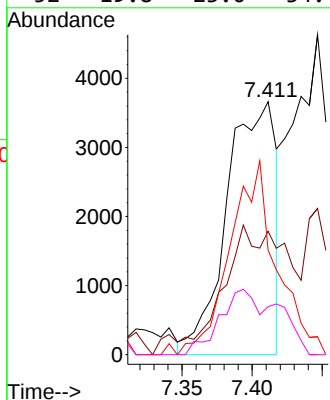
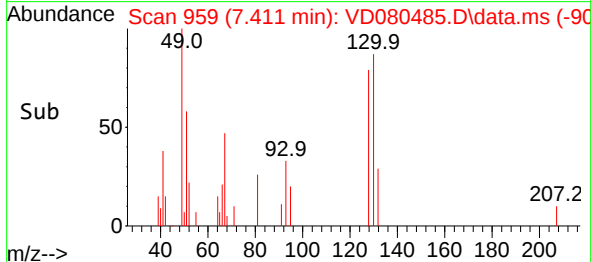
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



Tgt Ion: 41 Resp: 889
Ion Ratio Lower Upper
41 100
39 29.4 43.4 65.0
67 73.2 59.2 88.8
52 19.8 23.0 34.4#

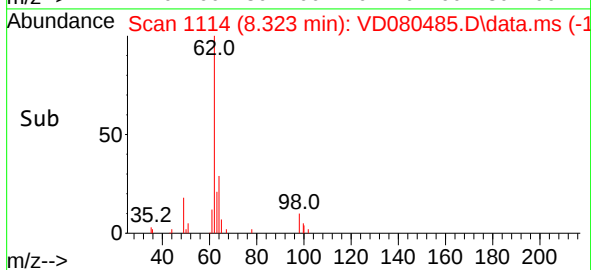
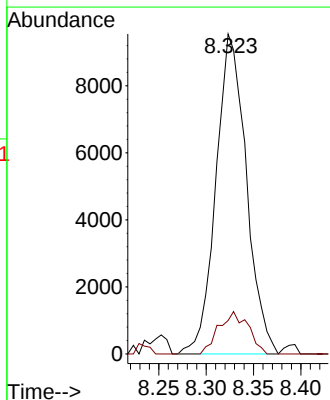
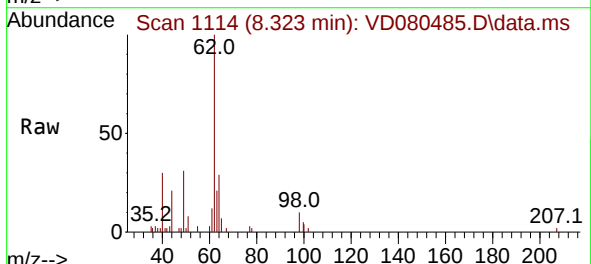
Manual Integrations
APPROVED

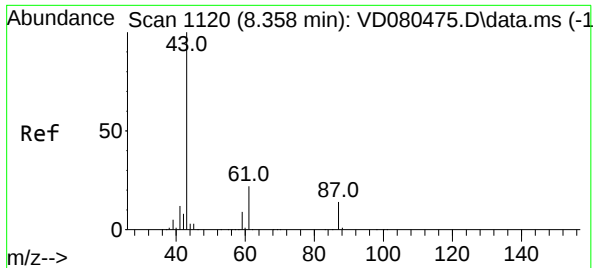
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#42
1,2-Dichloroethane
Concen: 4.202 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

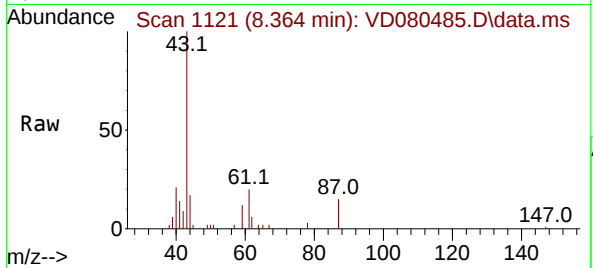
Tgt Ion: 62 Resp: 21340
Ion Ratio Lower Upper
62 100
98 12.8 0.0 22.0





#43
Isopropyl Acetate
Concen: 4.429 ug/l m
RT: 8.364 min Scan# 1121
Delta R.T. 0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

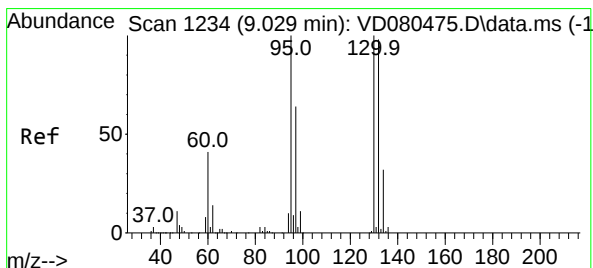
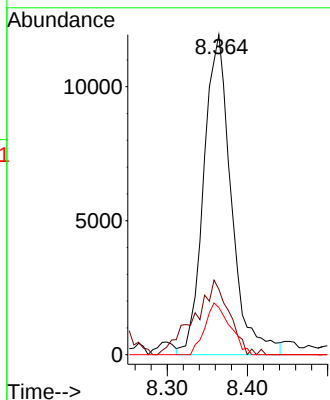
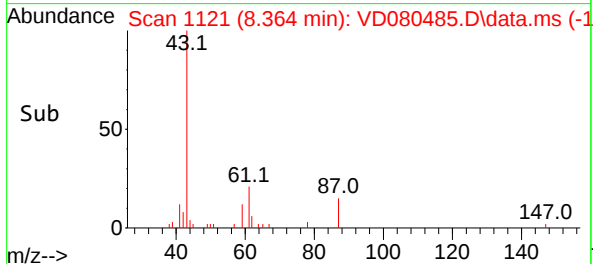
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



Tgt Ion: 43 Resp: 2849
Ion Ratio Lower Upper
43 100
61 29.5 24.4 36.6
87 14.6 11.4 17.2

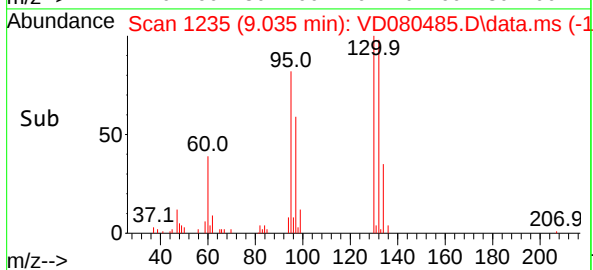
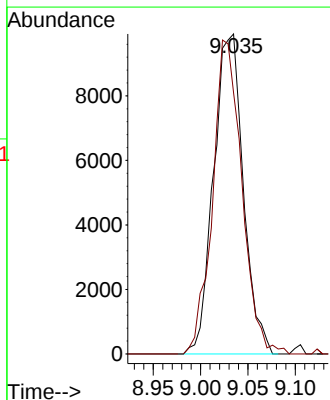
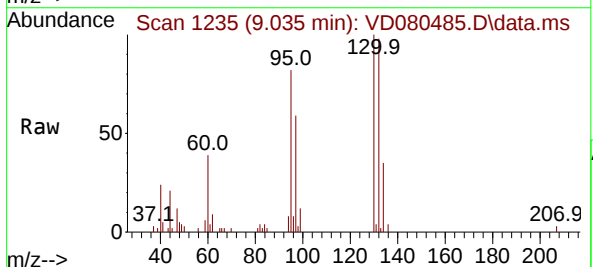
Manual Integrations
APPROVED

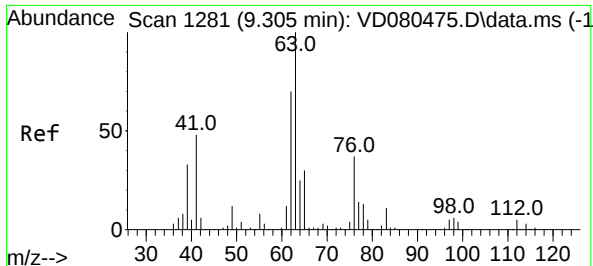
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#44
Trichloroethene
Concen: 4.137 ug/l
RT: 9.035 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Tgt Ion:130 Resp: 21645
Ion Ratio Lower Upper
130 100
95 81.7 0.0 200.6





#45

1,2-Dichloropropane

Concen: 4.347 ug/l

RT: 9.300 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VD080485.D

Acq: 26 Jun 2025 16:50

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

Tgt Ion: 63 Resp: 2275

Ion Ratio Lower Upper

63 100

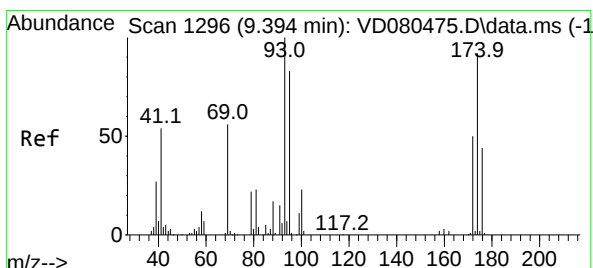
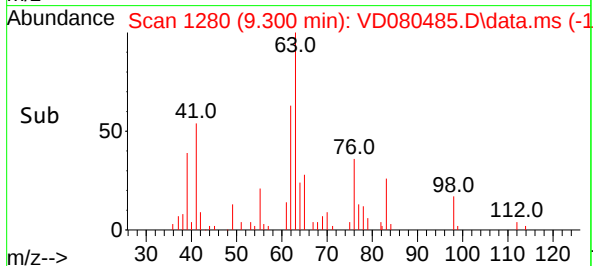
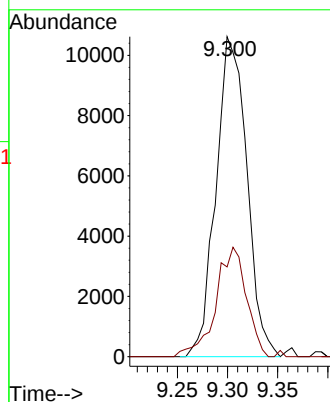
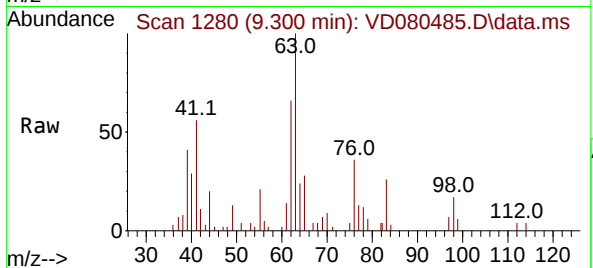
65 26.4 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025

Supervised By :Semsettin Yesilyurt 06/27/2025



#46

Dibromomethane

Concen: 4.309 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080485.D

Acq: 26 Jun 2025 16:50

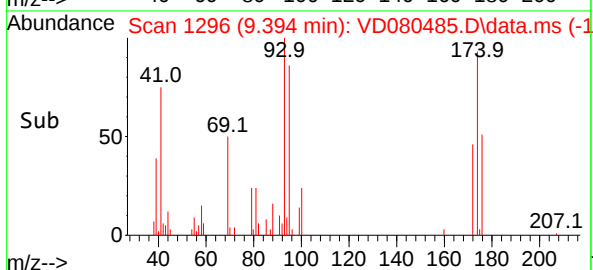
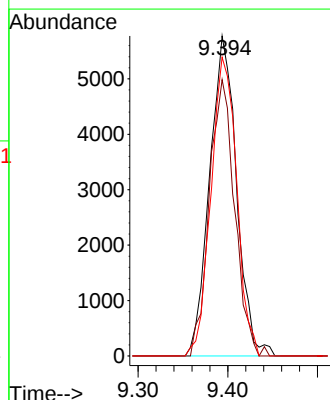
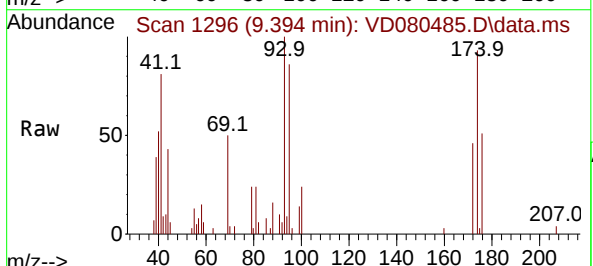
Tgt Ion: 93 Resp: 12029

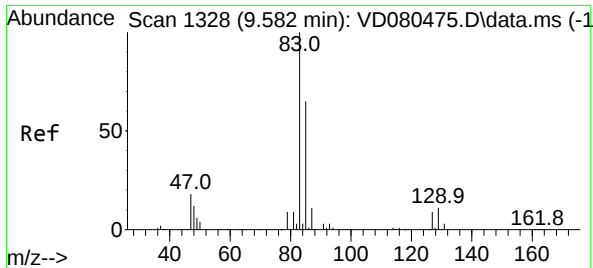
Ion Ratio Lower Upper

93 100

95 81.4 66.2 99.4

174 89.2 75.4 113.0





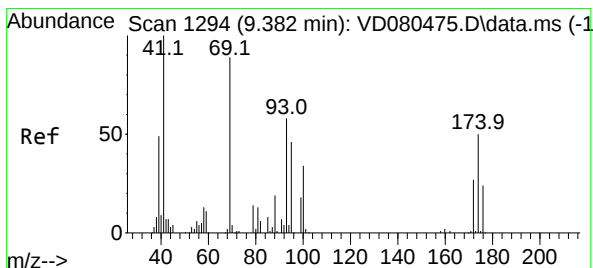
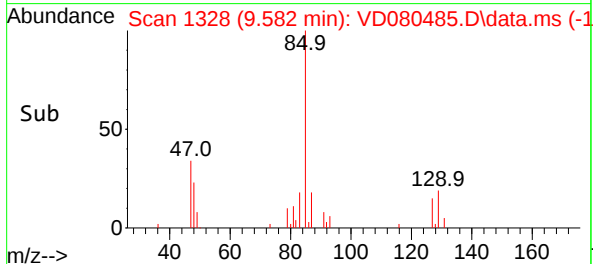
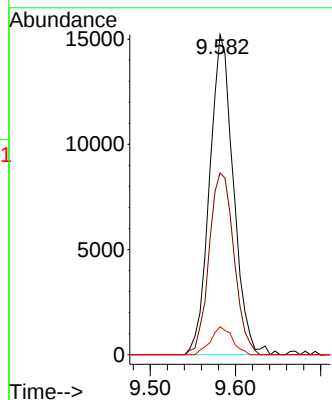
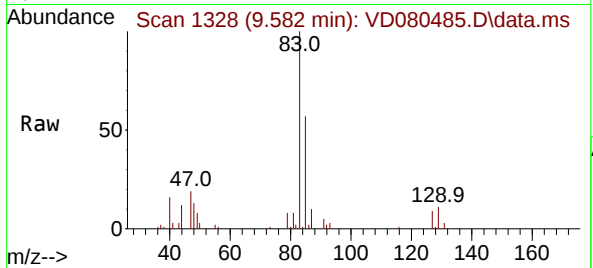
#47
Bromodichloromethane
Concen: 4.279 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

Tgt Ion: 83 Resp: 29609
Ion Ratio Lower Upper
83 100
85 56.8 52.2 78.2
127 8.8 6.9 10.3

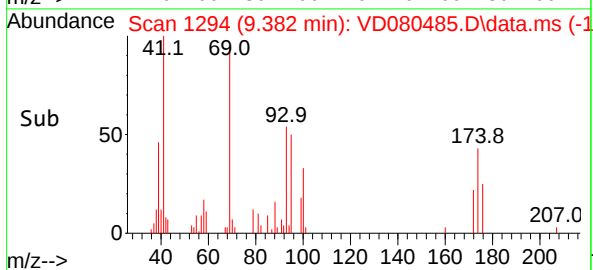
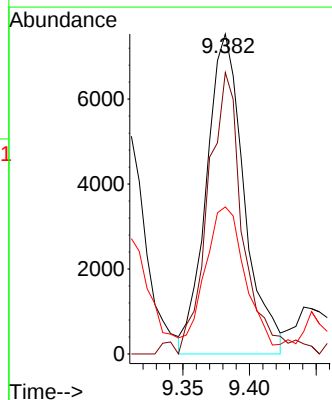
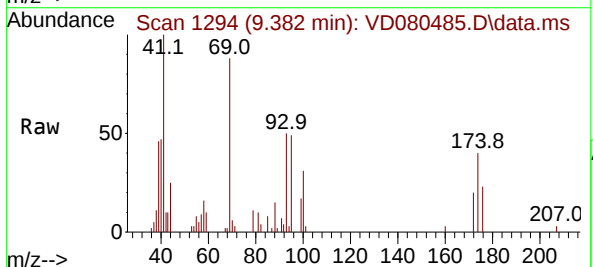
Manual Integrations
APPROVED

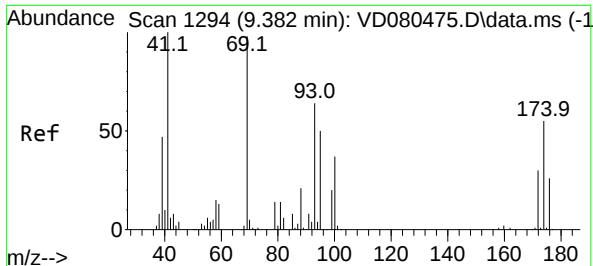
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#48
Methyl methacrylate
Concen: 4.564 ug/l m
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Tgt Ion: 41 Resp: 14854
Ion Ratio Lower Upper
41 100
69 83.4 70.2 105.4
39 47.4 40.2 60.2





#49

1,4-Dioxane

Concen: 75.391 ug/l

RT: 9.388 min Scan# 1294

Delta R.T. 0.006 min

Lab File: VD080485.D

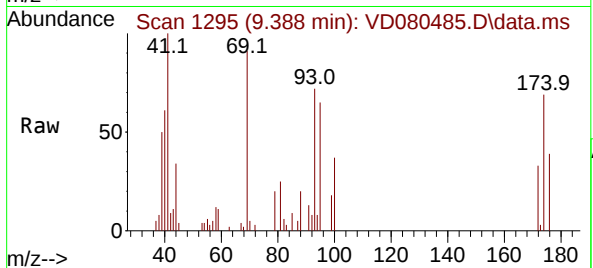
Acq: 26 Jun 2025 16:50

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025



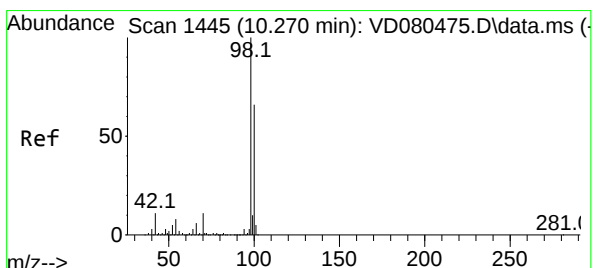
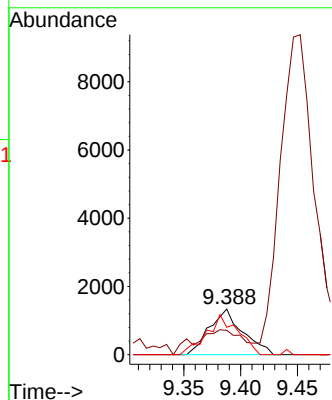
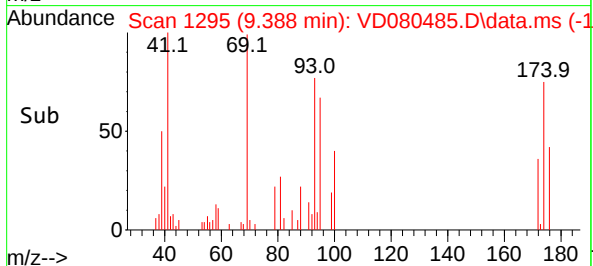
Tgt Ion:	88	Resp:	2730
Ion Ratio	Lower	Upper	
88	100		
43	77.0	26.7	40.1
58	82.3	56.4	84.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025

Supervised By :Semsettin Yesilyurt 06/27/2025



#50

Toluene-d8

Concen: 54.486 ug/l

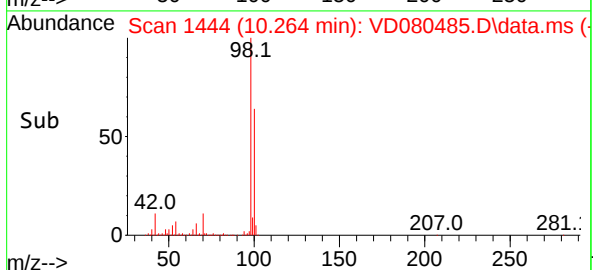
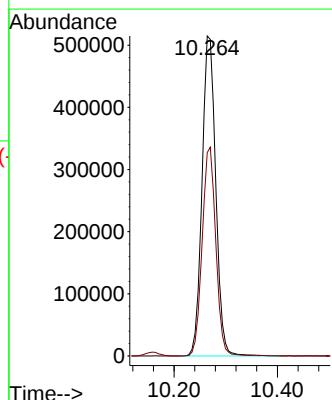
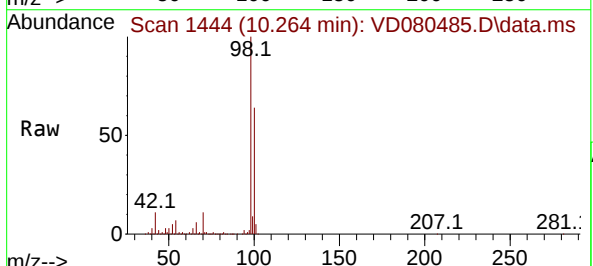
RT: 10.264 min Scan# 1444

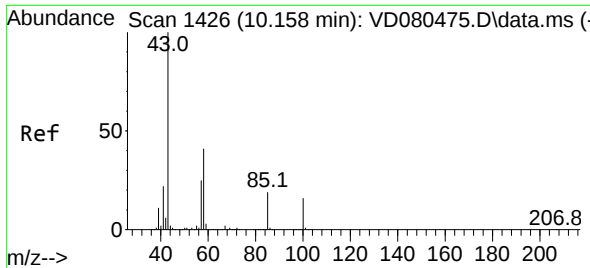
Delta R.T. -0.006 min

Lab File: VD080485.D

Acq: 26 Jun 2025 16:50

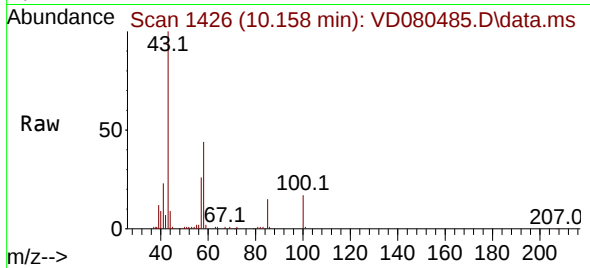
Tgt Ion:	98	Resp:	947905
Ion Ratio	Lower	Upper	
98	100		
100	64.9	52.2	78.4





#51
4-Methyl-2-Pentanone
Concen: 20.557 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

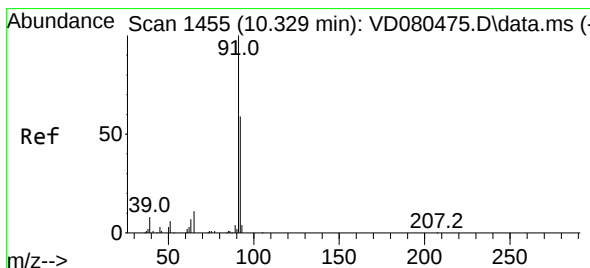
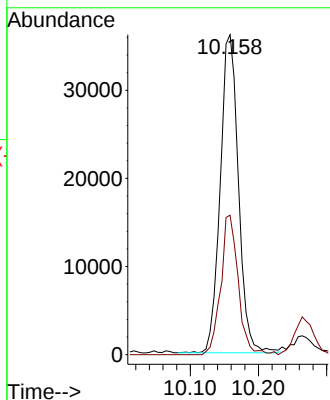
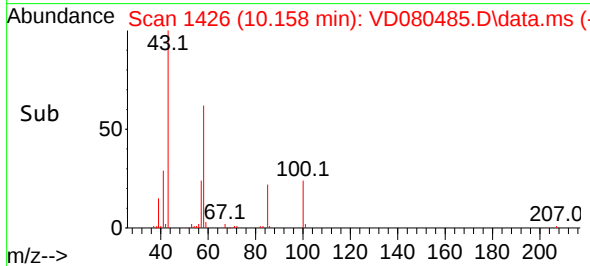
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



Tgt Ion: 43 Resp: 6715
Ion Ratio Lower Upper
43 100
58 41.8 33.3 49.9

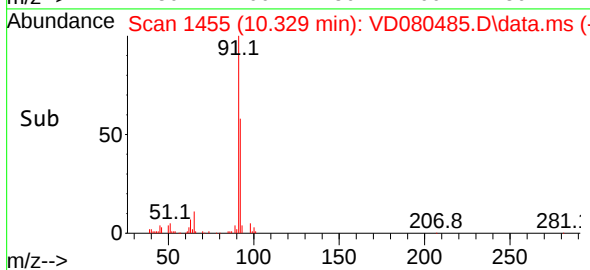
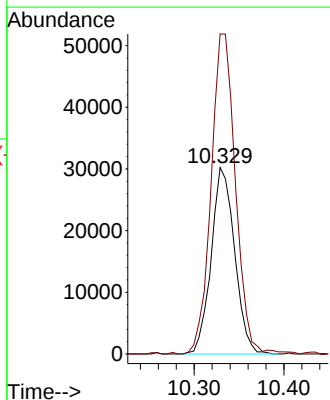
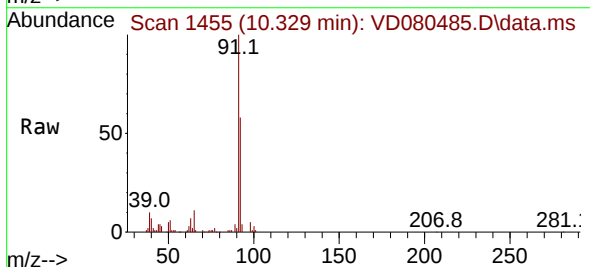
Manual Integrations
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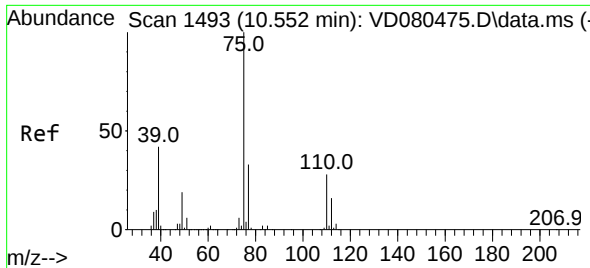
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#52
Toluene
Concen: 4.056 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Tgt Ion: 92 Resp: 54730
Ion Ratio Lower Upper
92 100
91 179.1 137.1 205.7





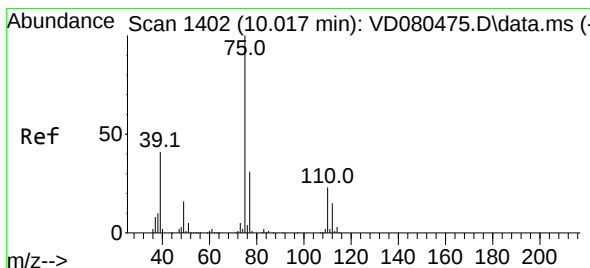
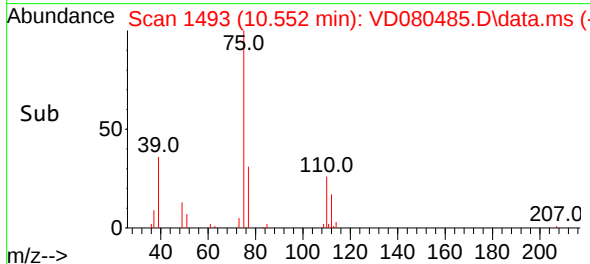
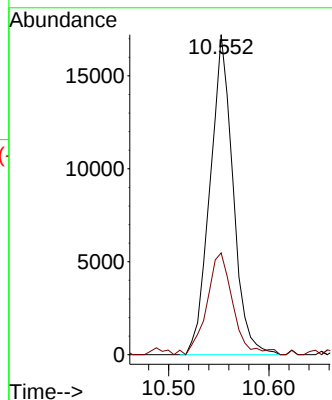
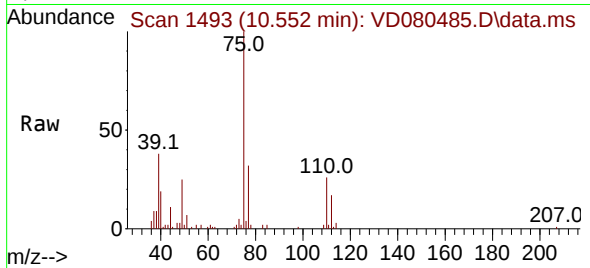
#53
 t-1,3-Dichloropropene
 Concen: 3.961 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VD080485.D
 Acq: 26 Jun 2025 16:50

Instrument : MSVOA_D
 ClientSampleId : LOD-MDL-SOIL-03-QT2-2025

Tgt Ion: 75 Resp: 27454
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.2 39.2

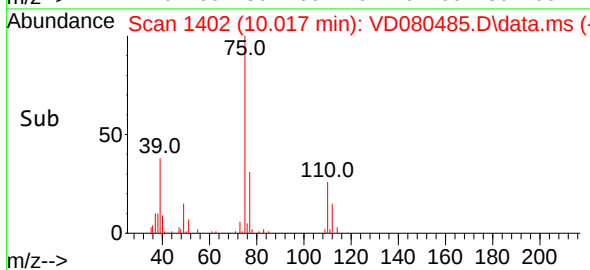
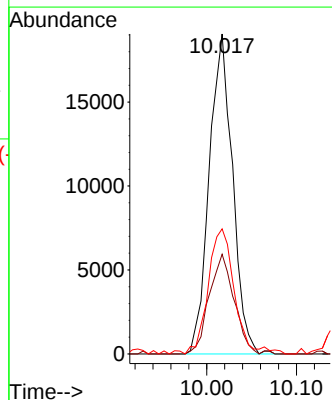
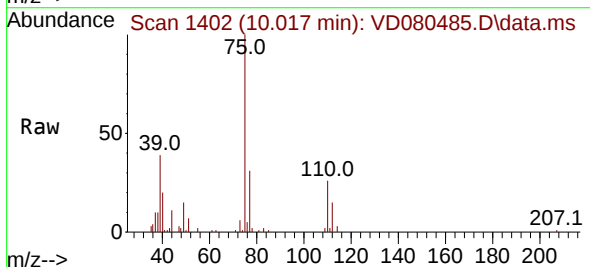
Manual Integrations
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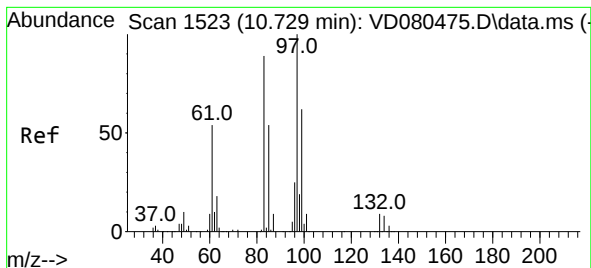
Reviewed By :Mahesh Dadoda 06/27/2025
 Supervised By :Semsettin Yesilyurt 06/27/2025



#54
 cis-1,3-Dichloropropene
 Concen: 4.134 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: VD080485.D
 Acq: 26 Jun 2025 16:50

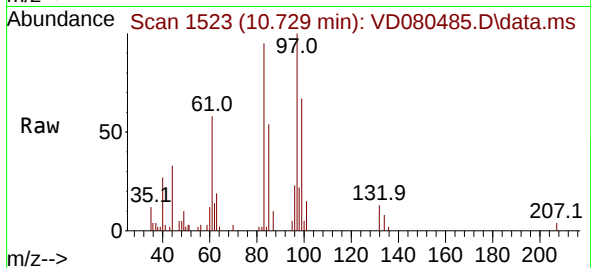
Tgt Ion: 75 Resp: 34423
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.9 37.3
 39 38.2 32.5 48.7





#55
1,1,2-Trichloroethane
Concen: 4.094 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

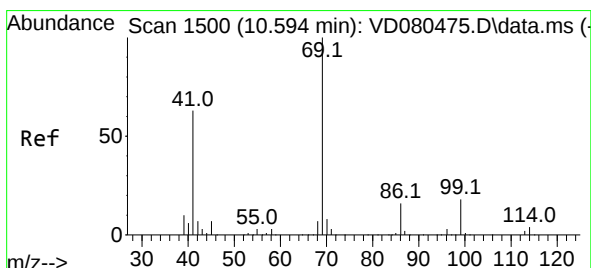
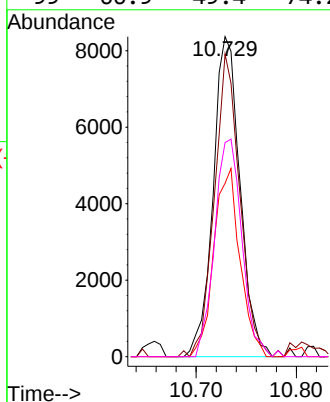
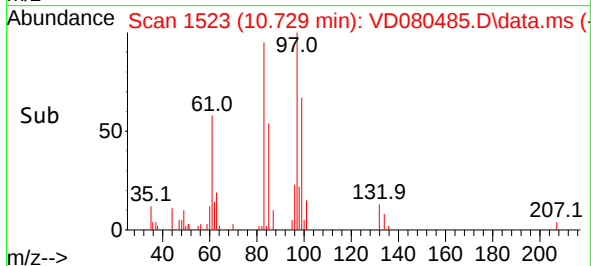
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



Tgt Ion	Ratio	Lower	Upper
97	100		
83	94.6	71.4	107.2
85	54.2	43.4	65.2
99	66.9	49.4	74.2

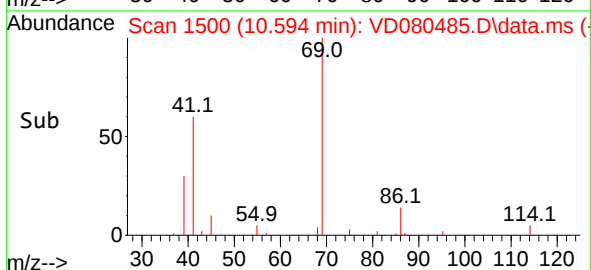
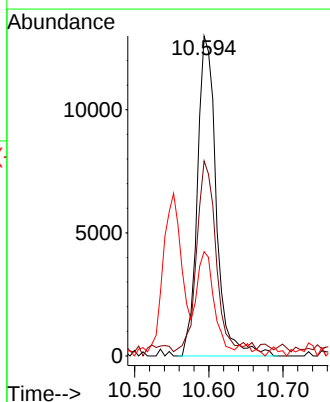
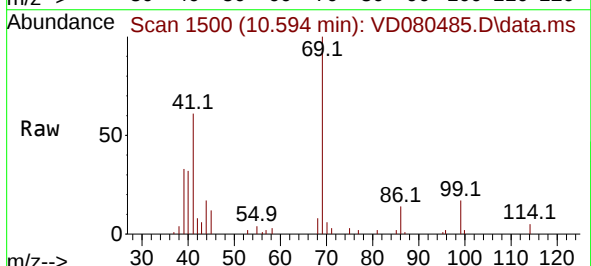
Manual Integrations
APPROVED

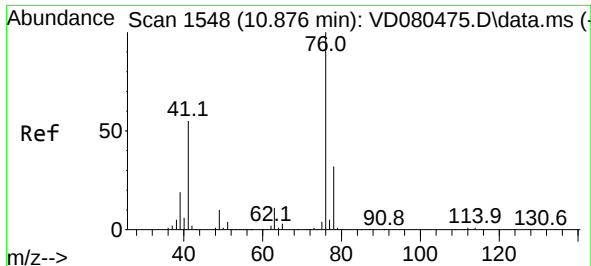
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#56
Ethyl methacrylate
Concen: 4.236 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.3	50.7	76.1
39	30.5	23.4	35.2





#57

1,3-Dichloropropane

Concen: 4.330 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VD080485.D

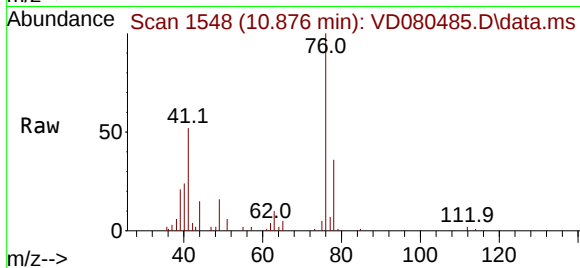
Acq: 26 Jun 2025 16:50

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025



Tgt Ion: 76 Resp: 2883

Ion Ratio Lower Upper

76 100

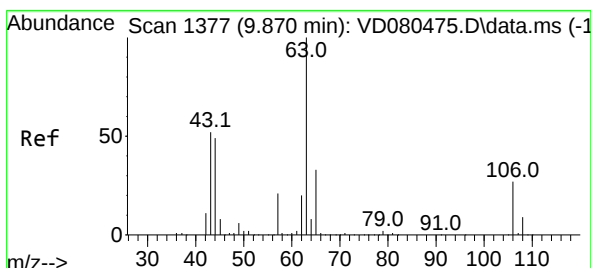
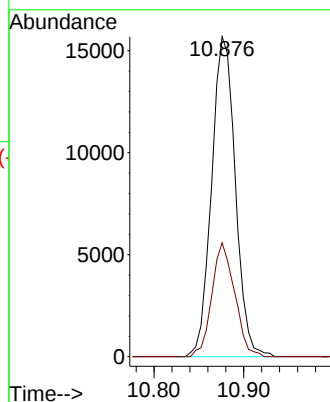
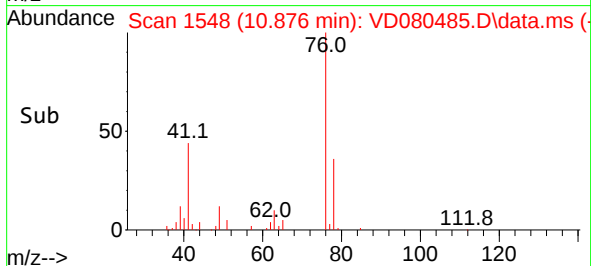
78 34.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025

Supervised By :Semsettin Yesilyurt 06/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 21.961 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080485.D

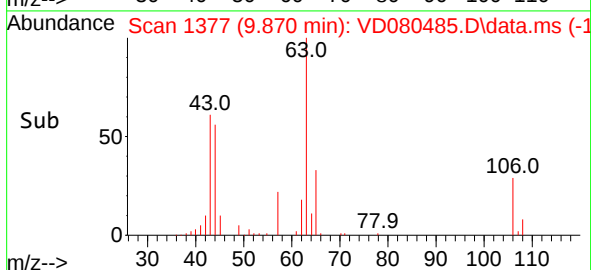
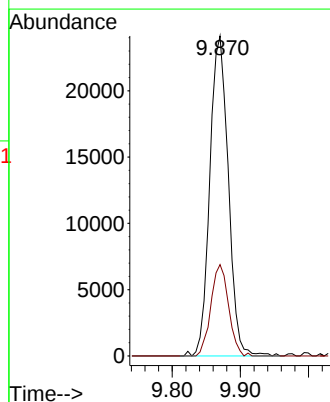
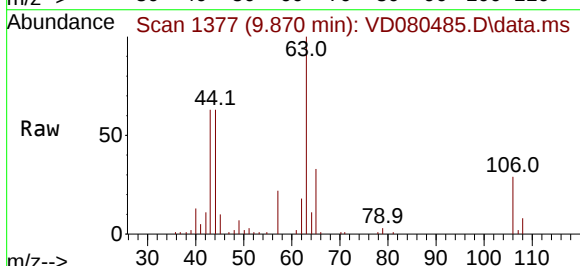
Acq: 26 Jun 2025 16:50

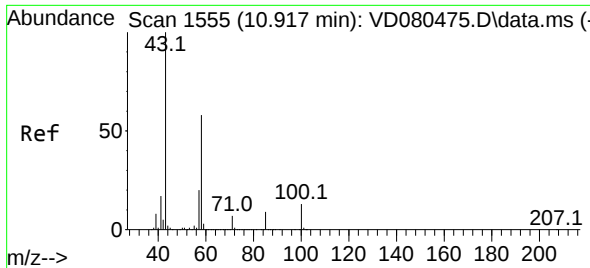
Tgt Ion: 63 Resp: 45555

Ion Ratio Lower Upper

63 100

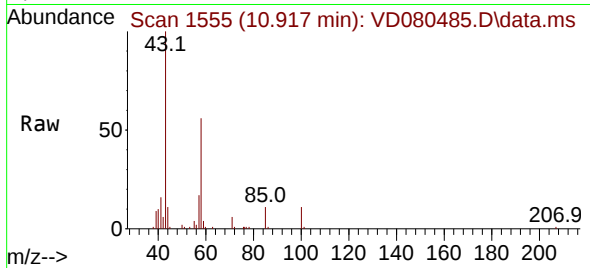
106 27.3 21.7 32.5





#59
2-Hexanone
Concen: 20.345 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

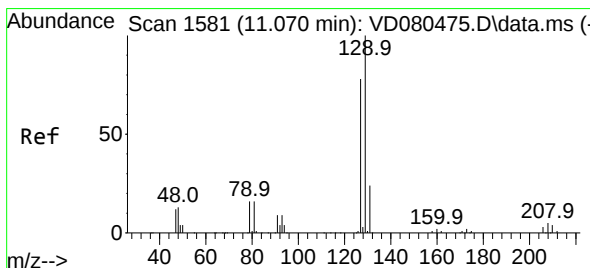
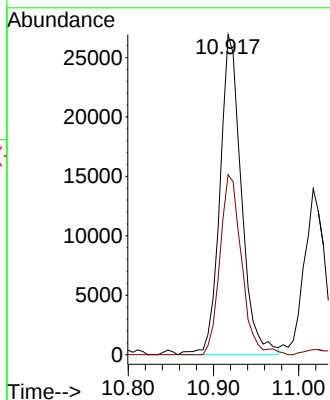
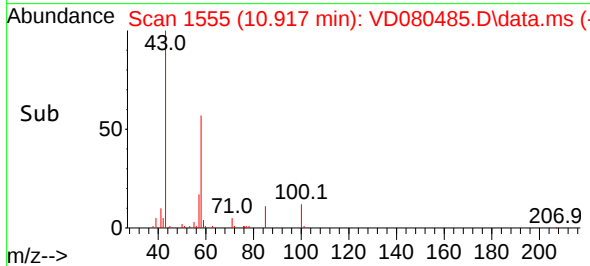
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



Tgt Ion: 43 Resp: 4704
Ion Ratio Lower Upper
43 100
58 56.6 29.0 87.1

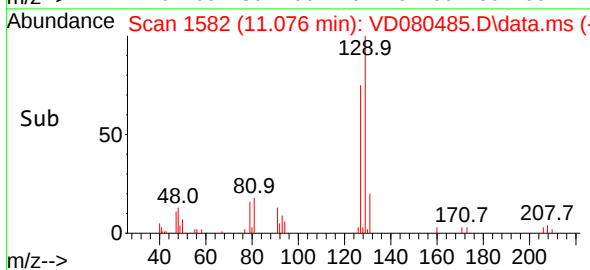
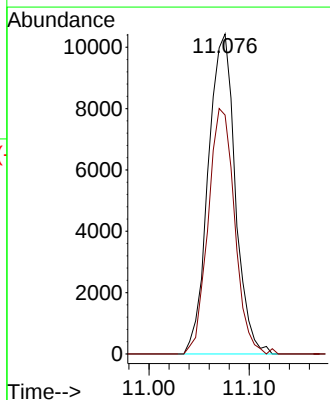
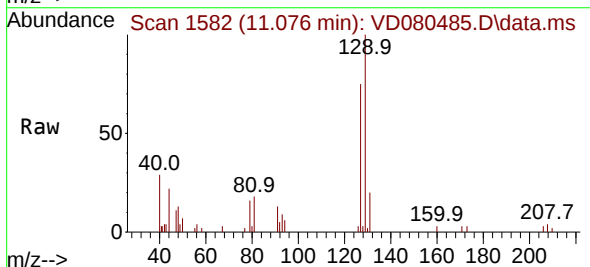
Manual Integrations
APPROVED

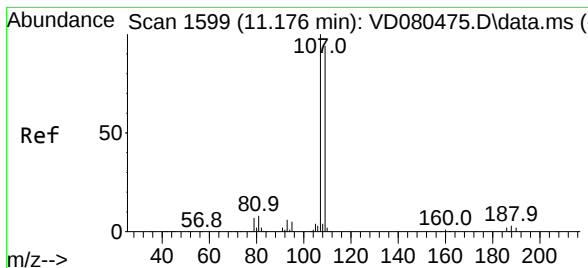
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#60
Dibromochloromethane
Concen: 4.163 ug/l
RT: 11.076 min Scan# 1582
Delta R.T. 0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

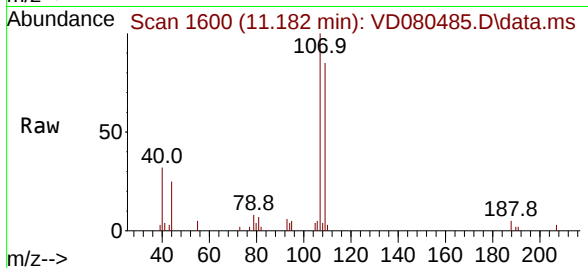
Tgt Ion:129 Resp: 19554
Ion Ratio Lower Upper
129 100
127 75.3 38.4 115.2





#61
1,2-Dibromoethane
Concen: 4.119 ug/l
RT: 11.182 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

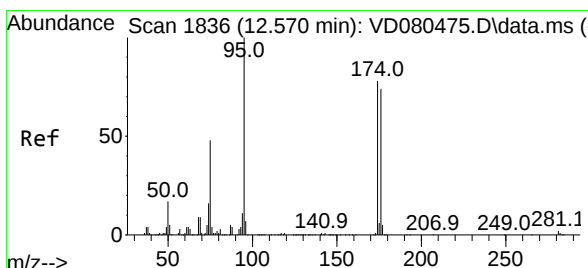
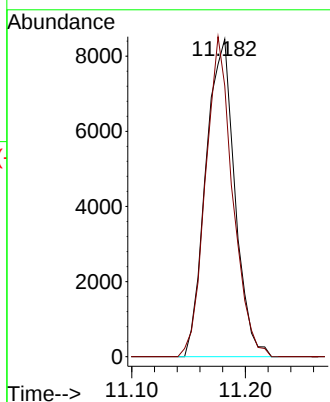
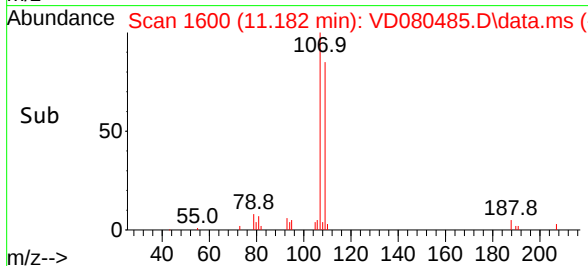
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



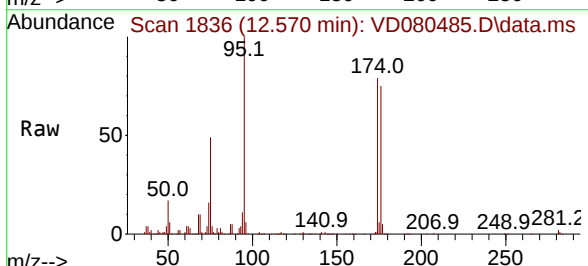
Tgt Ion:107 Resp: 1498
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.0

Manual Integrations
APPROVED

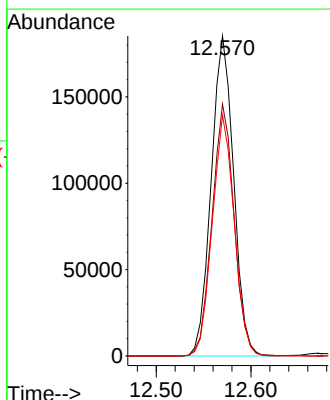
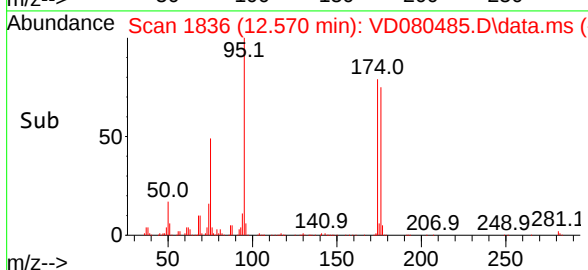
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025

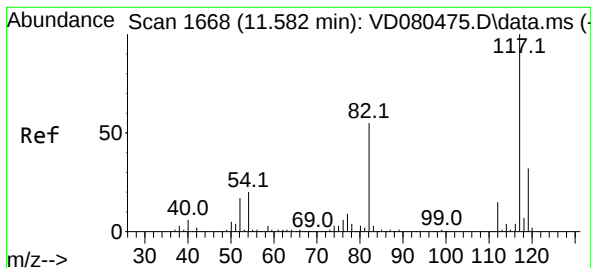


#62
4-Bromofluorobenzene
Concen: 53.375 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50



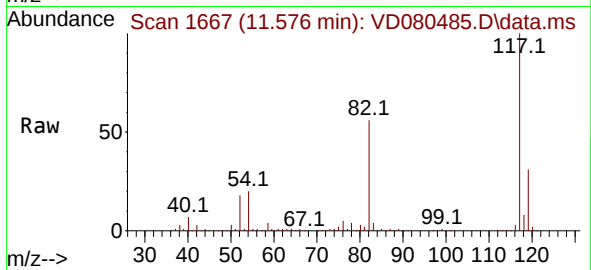
Tgt Ion: 95 Resp: 304475
Ion Ratio Lower Upper
95 100
174 77.4 0.0 154.0
176 73.7 0.0 149.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.576 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

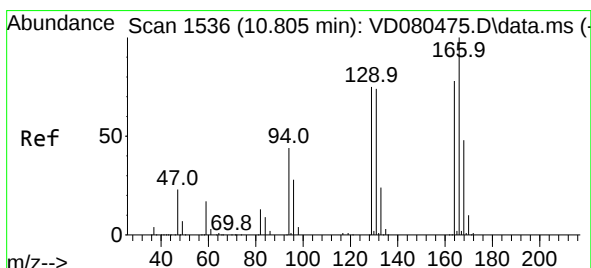
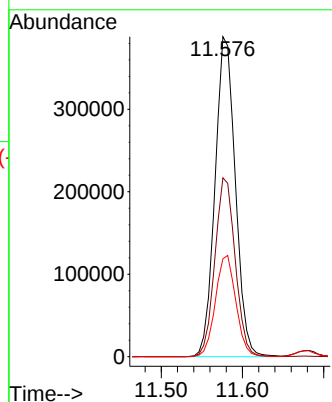
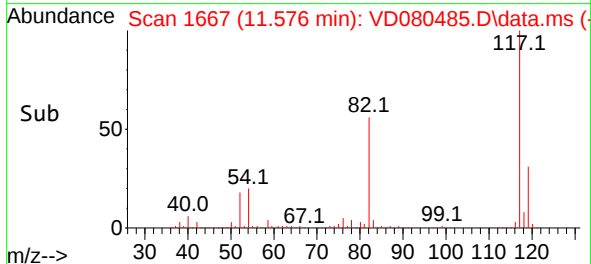
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



Tgt Ion:117 Resp: 676780
Ion Ratio Lower Upper
117 100
82 55.9 43.7 65.5
119 30.6 25.8 38.6

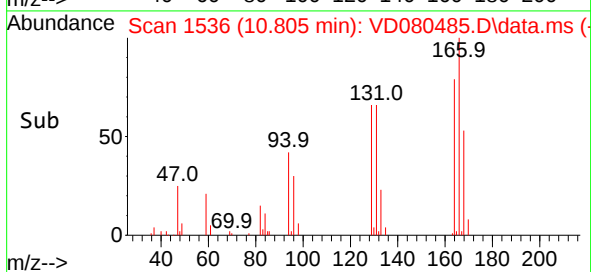
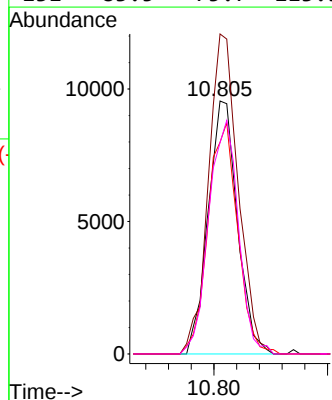
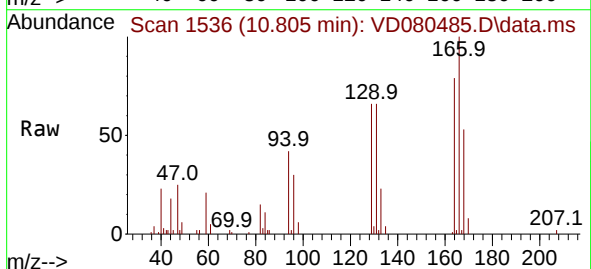
Manual Integrations
APPROVED

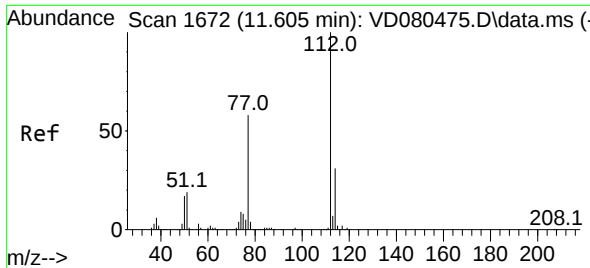
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#64
Tetrachloroethene
Concen: 4.060 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Tgt Ion:164 Resp: 17054
Ion Ratio Lower Upper
164 100
166 126.5 102.6 153.8
129 83.7 76.6 115.0
131 83.5 75.7 113.5





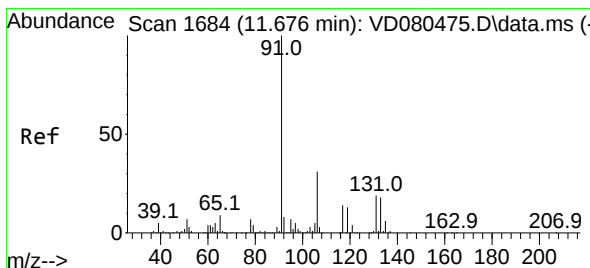
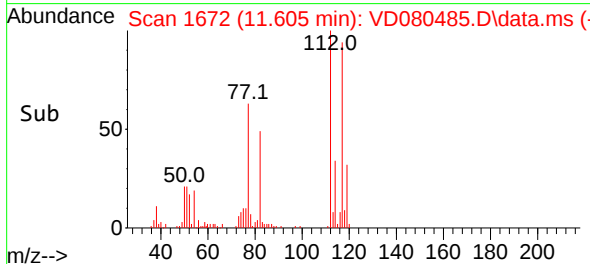
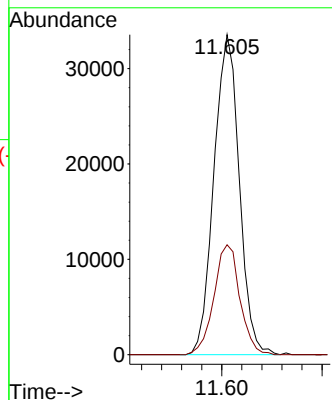
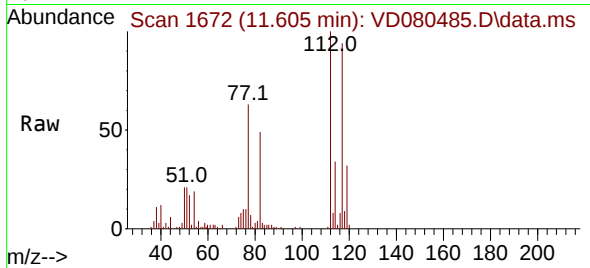
#65
Chlorobenzene
Concen: 4.028 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-03-QT2-2025

Tgt Ion:112 Resp: 5880
Ion Ratio Lower Upper
112 100
114 34.3 24.8 37.2

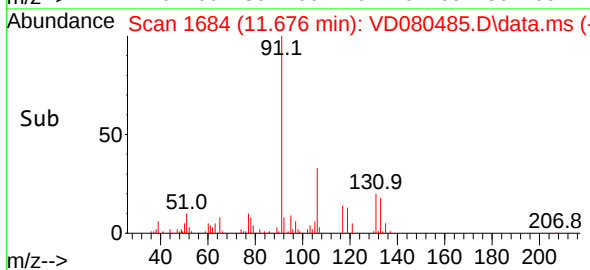
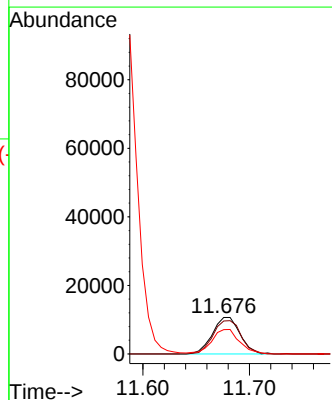
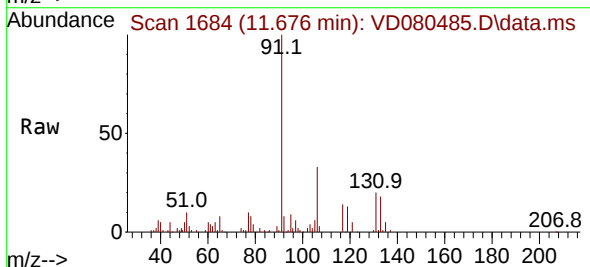
Manual Integrations
APPROVED

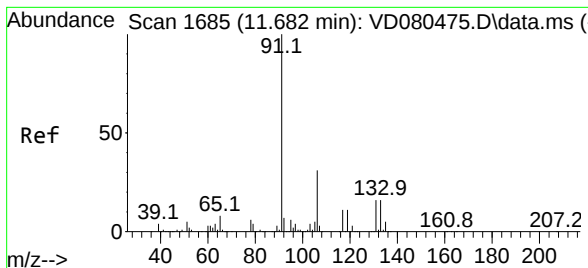
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 4.172 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

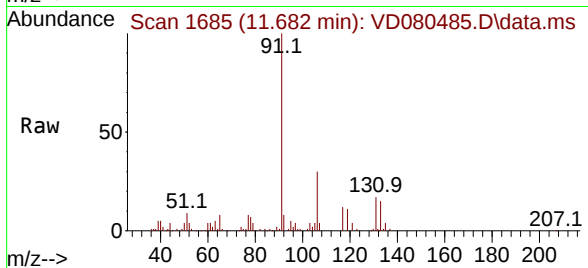
Tgt Ion:131 Resp: 19140
Ion Ratio Lower Upper
131 100
133 93.0 47.3 141.8
119 67.1 34.9 104.7





#67
Ethyl Benzene
Concen: 4.014 ug/l
RT: 11.682 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

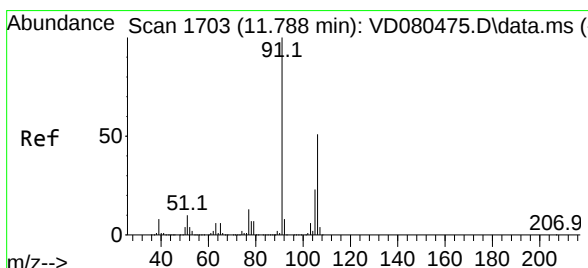
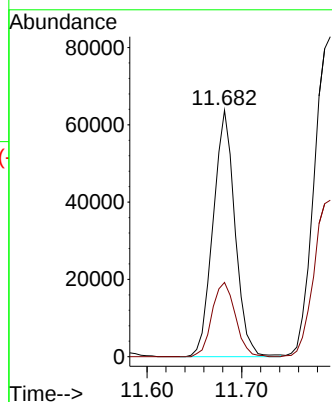
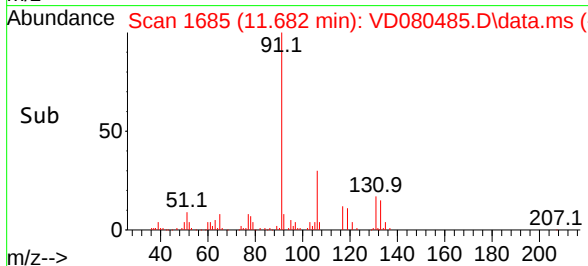
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



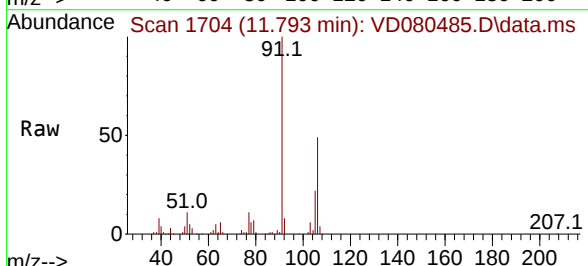
Tgt Ion: 91 Resp: 102478
Ion Ratio Lower Upper
91 100
106 30.1 25.0 37.4

Manual Integrations
APPROVED

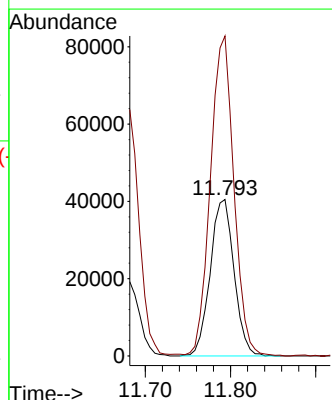
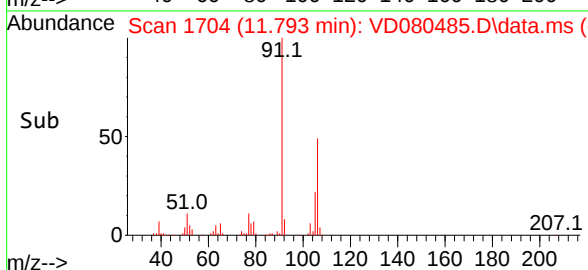
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025

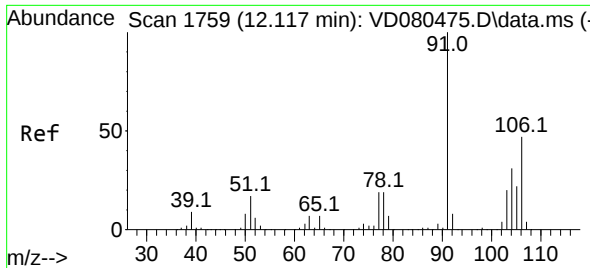


#68
m/p-Xylenes
Concen: 8.103 ug/l
RT: 11.793 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50



Tgt Ion:106 Resp: 78776
Ion Ratio Lower Upper
106 100
91 201.7 159.9 239.9





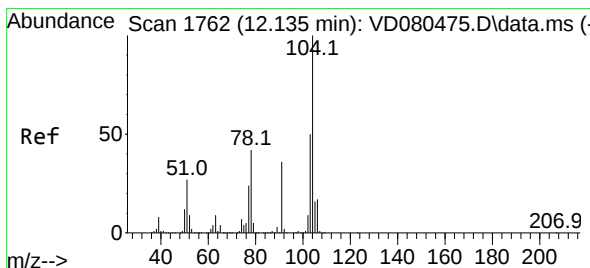
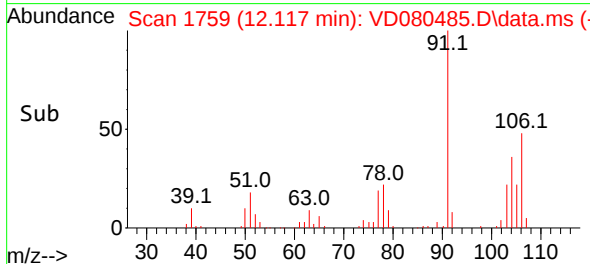
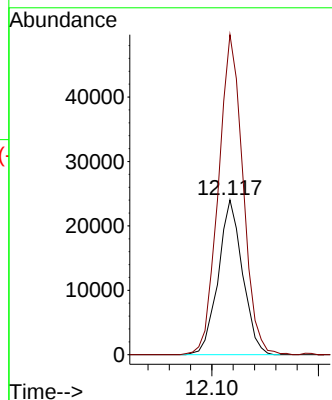
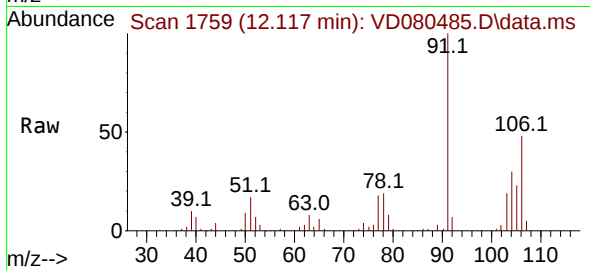
#69
o-Xylene
Concen: 4.050 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

Tgt Ion:106 Resp: 37997
Ion Ratio Lower Upper
106 100
91 209.3 106.5 319.6

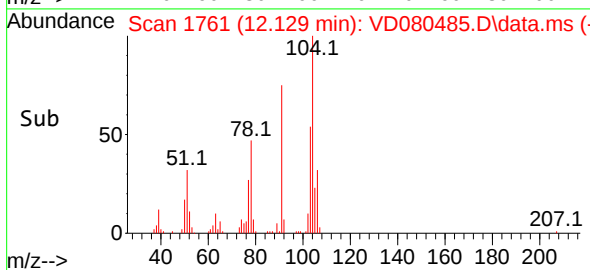
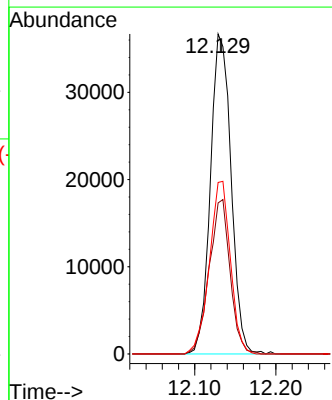
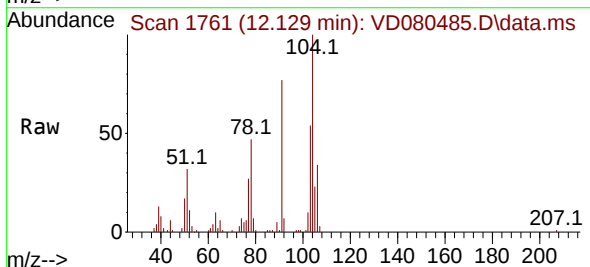
Manual Integrations
APPROVED

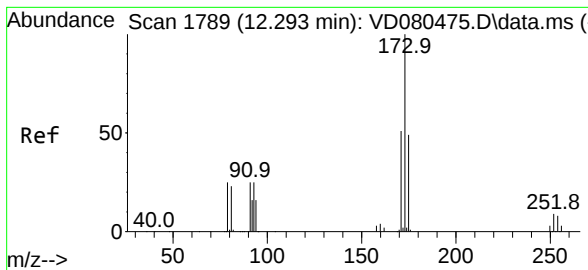
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#70
Styrene
Concen: 4.085 ug/l
RT: 12.129 min Scan# 1761
Delta R.T. -0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

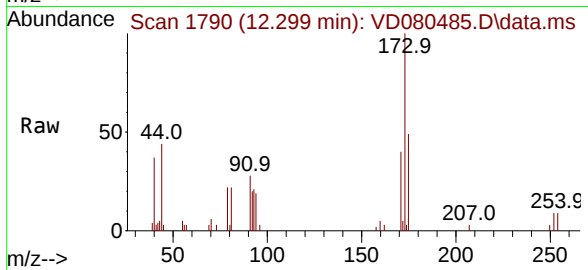
Tgt Ion:104 Resp: 64822
Ion Ratio Lower Upper
104 100
78 48.9 38.5 57.7
103 54.9 44.1 66.1





#71
Bromoform
Concen: 3.999 ug/l
RT: 12.299 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

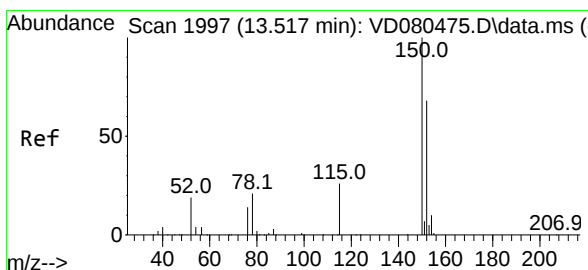
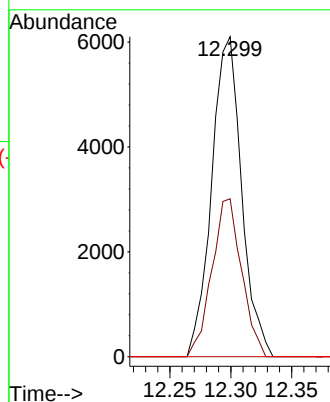
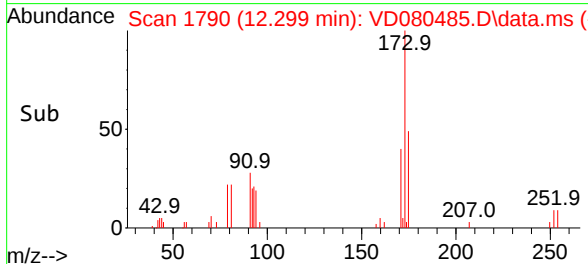
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-03-QT2-2025



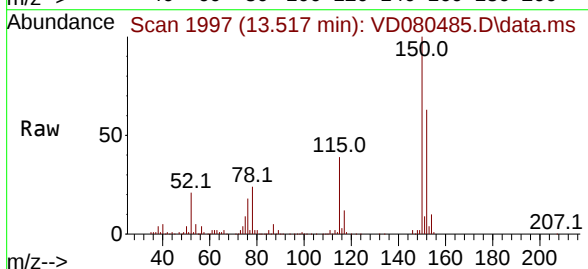
Tgt Ion:173 Resp: 1044
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

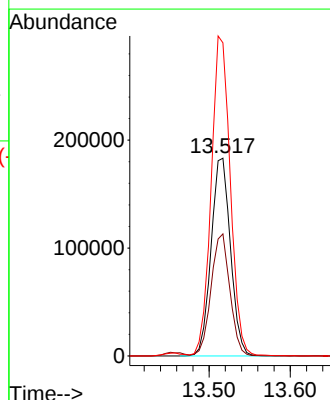
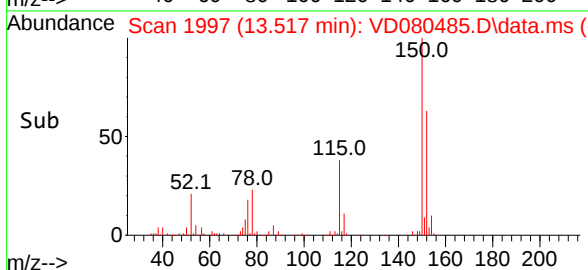
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025

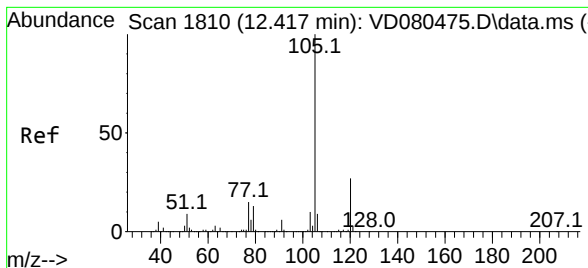


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50



Tgt Ion:152 Resp: 303593
Ion Ratio Lower Upper
152 100
115 60.1 30.2 90.6
150 159.8 0.0 350.2





#73

Isopropylbenzene

Concen: 3.928 ug/l

RT: 12.417 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD080485.D

Acq: 26 Jun 2025 16:50

Instrument :

MSVOA_D

ClientSampleId :

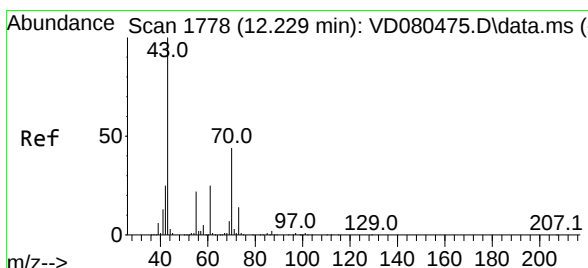
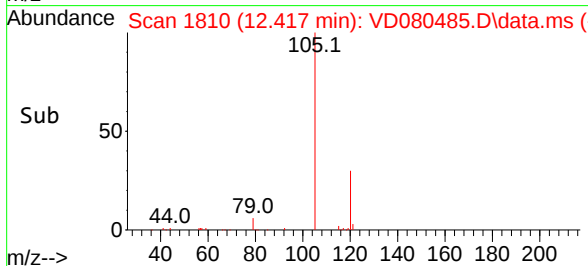
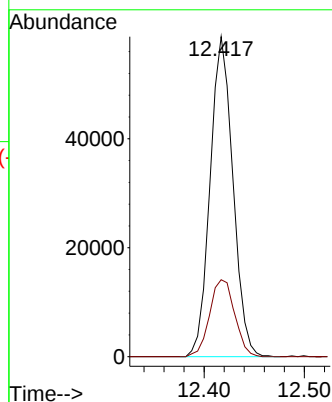
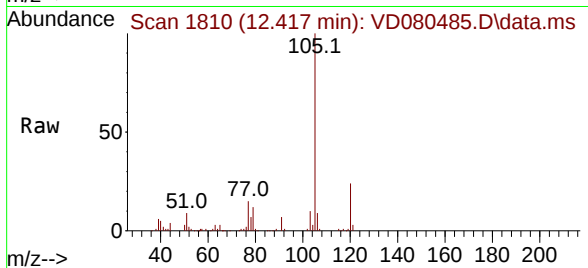
LOD-MDL-SOIL-03-QT2-2025

Tgt Ion:105 Resp: 92698
 Ion Ratio Lower Upper
 105 100
 120 26.4 13.3 39.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/27/2025
 Supervised By :Semsettin Yesilyurt 06/27/2025



#74

N-ethyl acetate

Concen: 4.277 ug/l

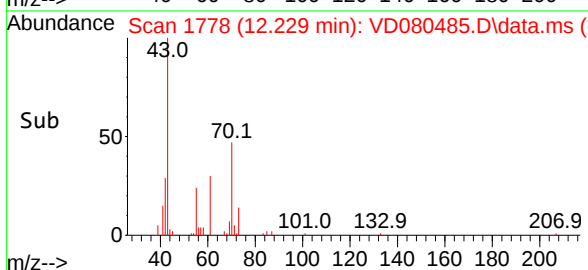
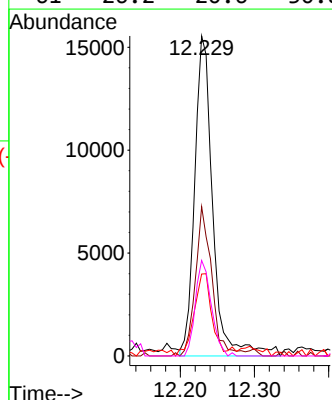
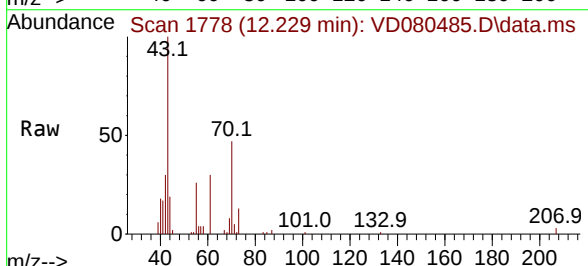
RT: 12.229 min Scan# 1778

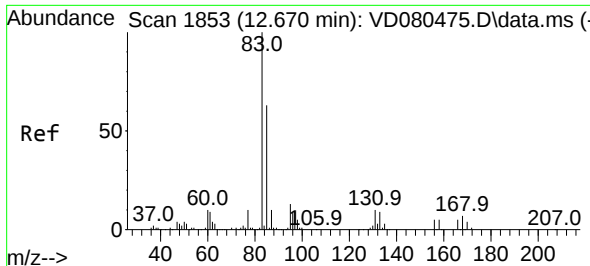
Delta R.T. 0.000 min

Lab File: VD080485.D

Acq: 26 Jun 2025 16:50

Tgt Ion: 43 Resp: 26429
 Ion Ratio Lower Upper
 43 100
 70 42.4 35.4 53.2
 55 25.2 18.8 28.2
 61 26.2 20.6 30.8





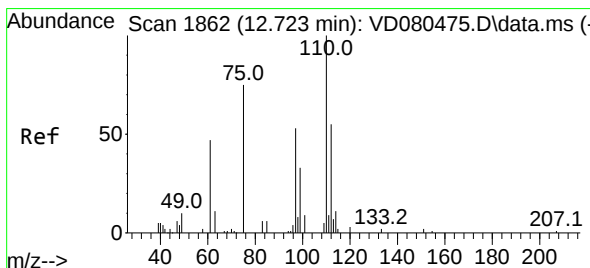
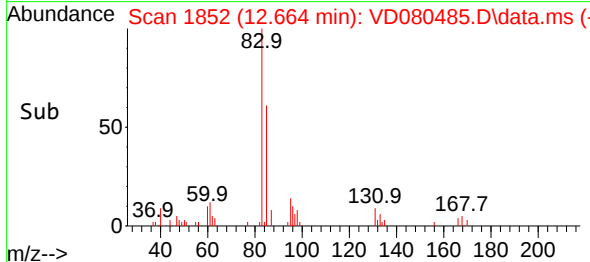
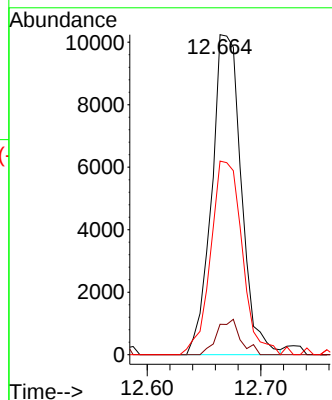
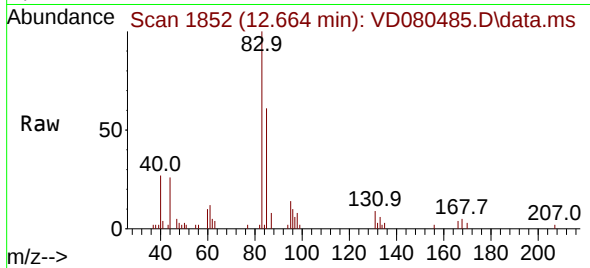
#75
1,1,2,2-Tetrachloroethane
Concen: 4.215 ug/l
RT: 12.664 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-03-QT2-2025

Tgt Ion: 83 Resp: 1852
Ion Ratio Lower Upper
83 100
131 8.8 4.8 14.3
85 64.7 32.3 96.8

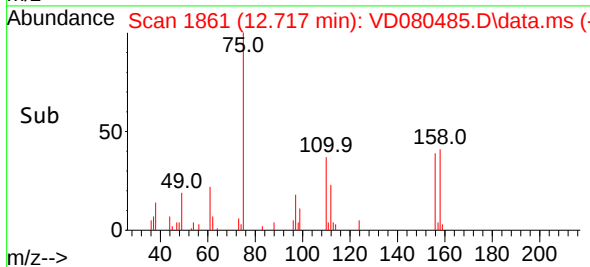
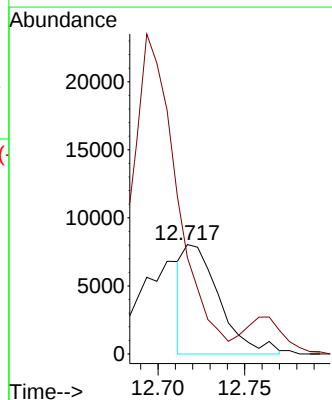
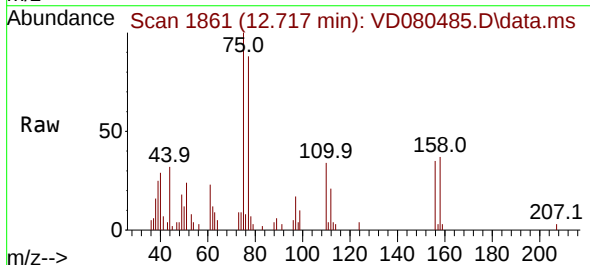
Manual Integrations
APPROVED

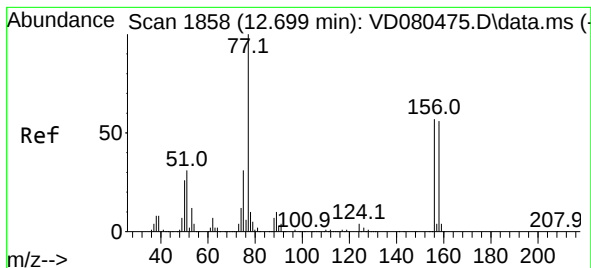
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#76
1,2,3-Trichloropropane
Concen: 4.462 ug/l m
RT: 12.717 min Scan# 1861
Delta R.T. -0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

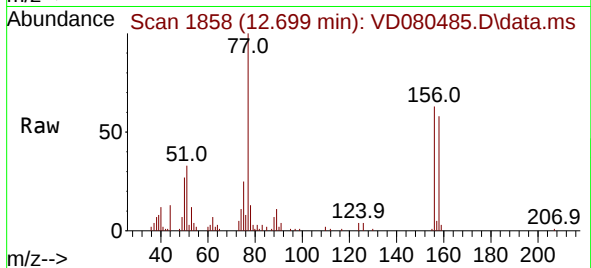
Tgt Ion: 75 Resp: 11514
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 4.270 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

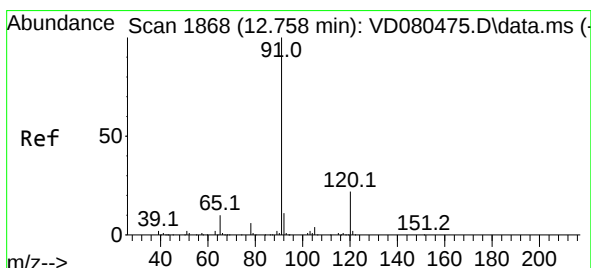
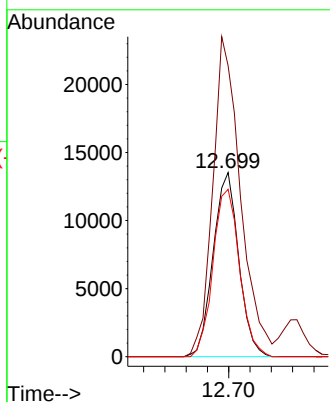
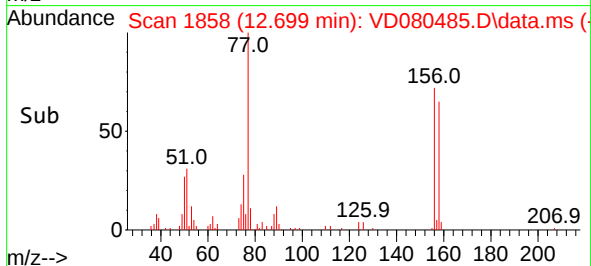
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



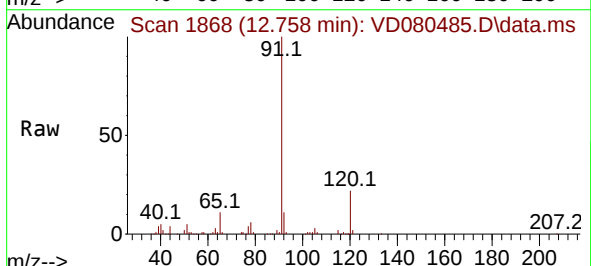
Tgt Ion:156 Resp: 2253
Ion Ratio Lower Upper
156 100
77 188.1 97.3 291.8
158 94.3 48.5 145.6

Manual Integrations
APPROVED

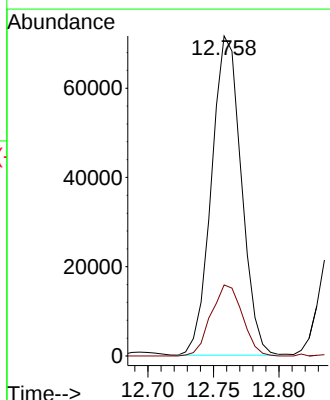
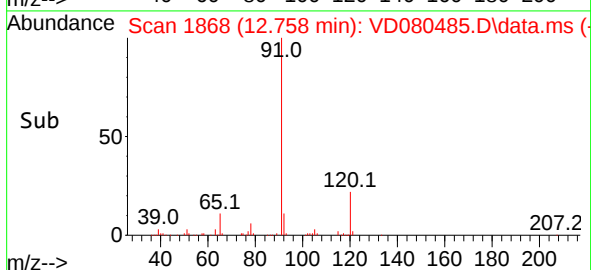
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025

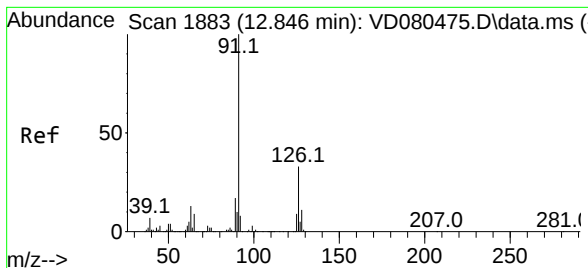


#78
n-propylbenzene
Concen: 3.987 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50



Tgt Ion: 91 Resp: 113279
Ion Ratio Lower Upper
91 100
120 23.4 11.3 33.9





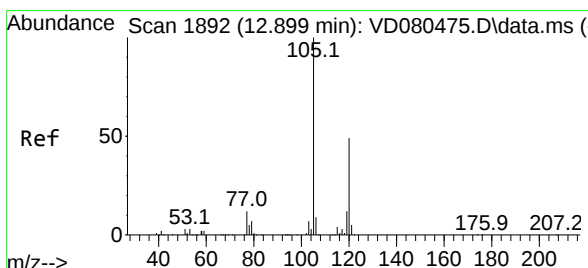
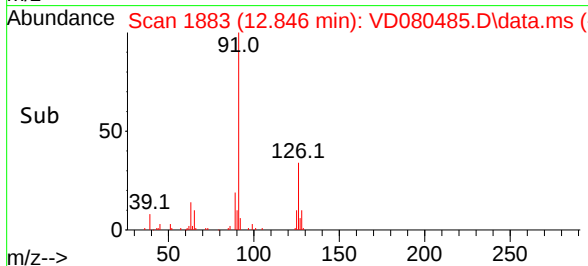
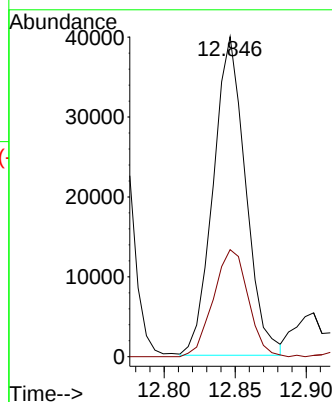
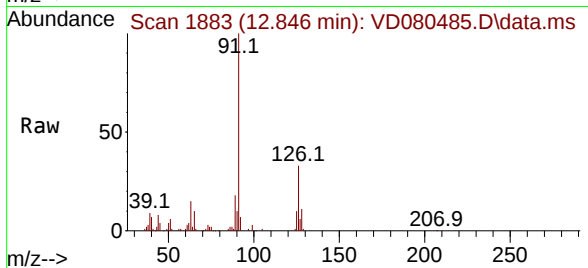
#79
2-Chlorotoluene
Concen: 3.870 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

Tgt Ion: 91 Resp: 63235
Ion Ratio Lower Upper
91 100
126 35.9 16.6 49.8

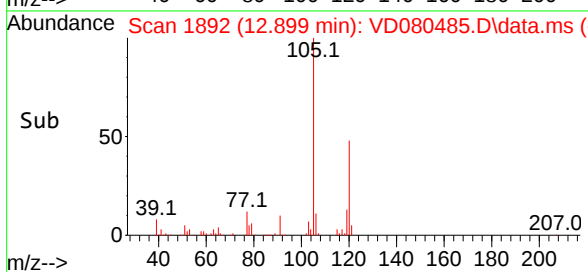
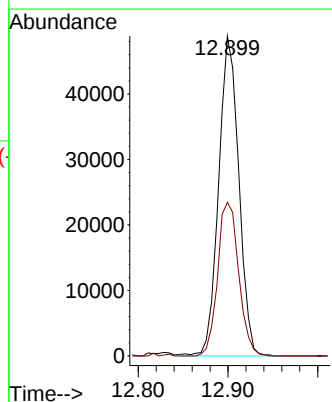
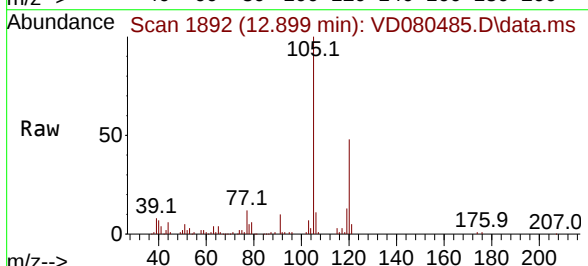
Manual Integrations
APPROVED

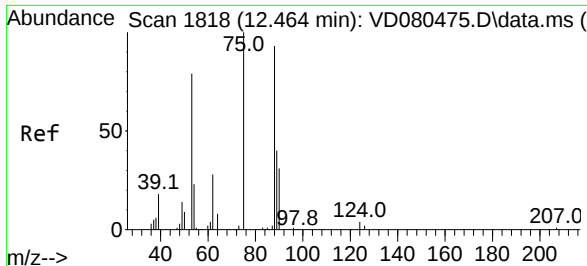
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 3.978 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

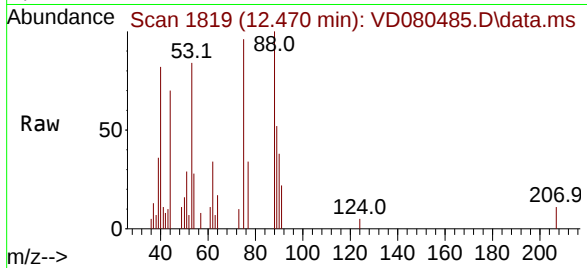
Tgt Ion:105 Resp: 76126
Ion Ratio Lower Upper
105 100
120 50.2 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 3.633 ug/l
RT: 12.470 min Scan# 1818
Delta R.T. 0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

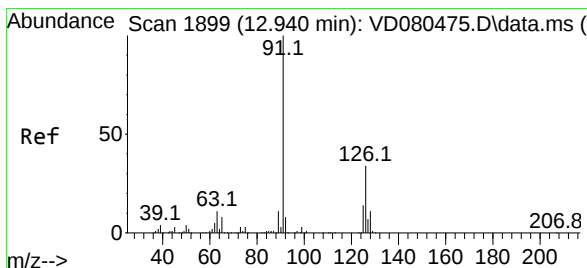
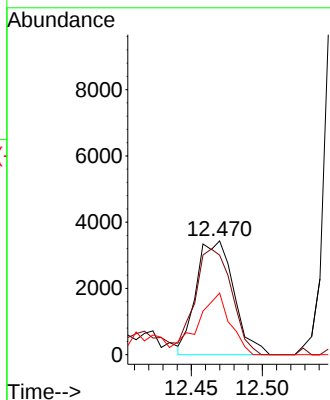
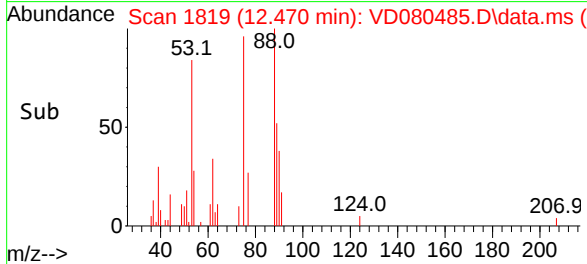
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



Tgt Ion: 75 Resp: 6309
Ion Ratio Lower Upper
75 100
53 90.3 61.5 92.3
89 46.8 33.0 49.6

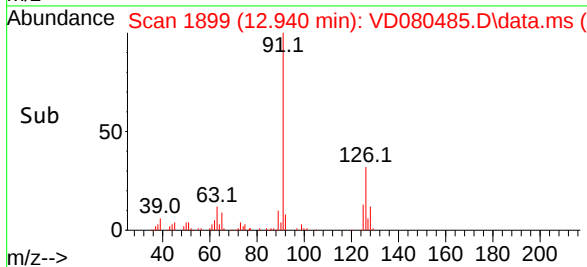
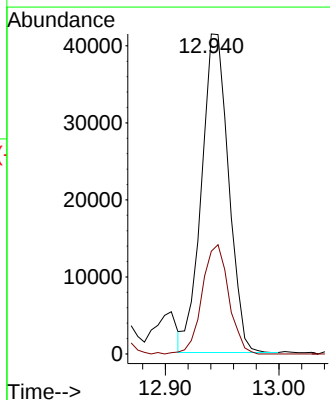
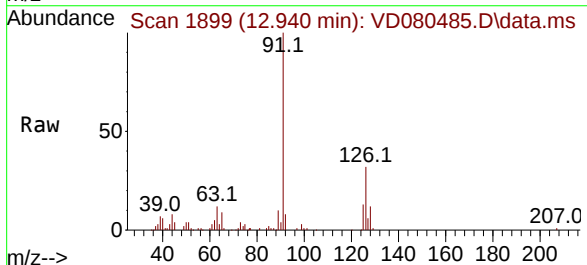
Manual Integrations
APPROVED

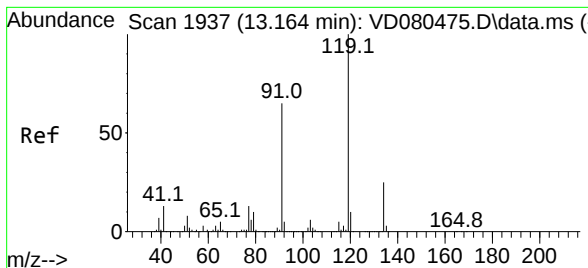
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#82
4-Chlorotoluene
Concen: 4.079 ug/l
RT: 12.940 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Tgt Ion: 91 Resp: 68465
Ion Ratio Lower Upper
91 100
126 33.6 17.0 50.9





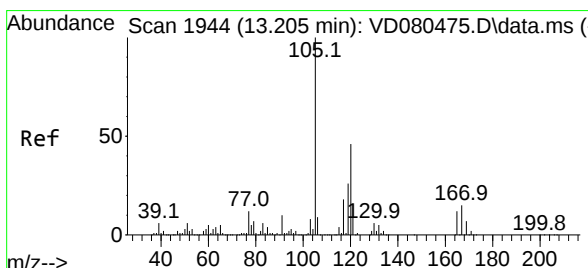
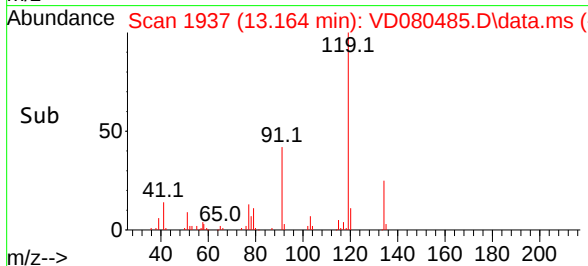
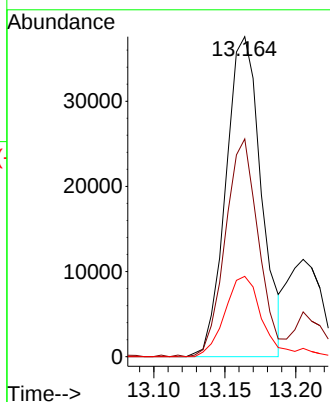
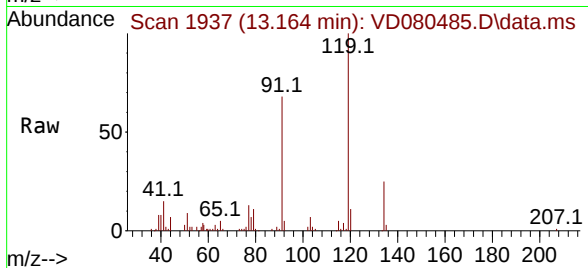
#83
tert-Butylbenzene
Concen: 3.886 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

Tgt Ion:119 Resp: 6505
Ion Ratio Lower Upper
119 100
91 64.8 32.4 97.2
134 27.1 13.1 39.3

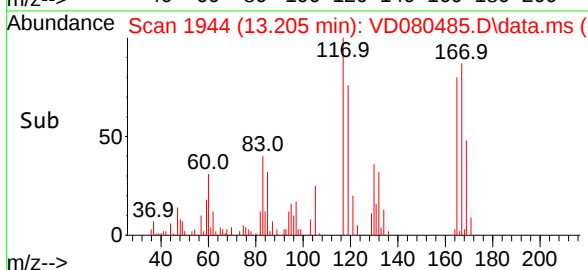
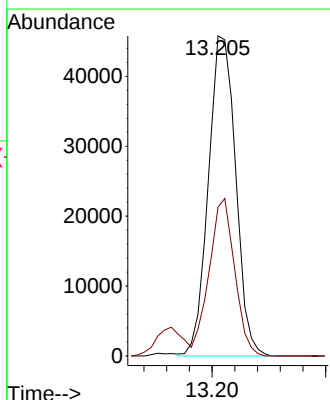
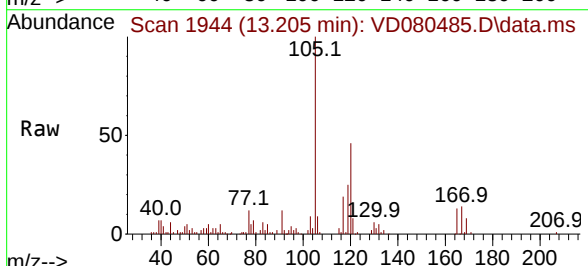
Manual Integrations
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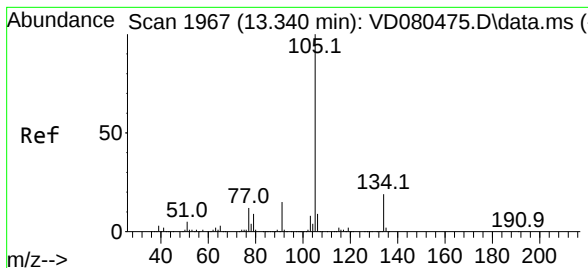
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#84
1,2,4-Trimethylbenzene
Concen: 4.000 ug/l
RT: 13.205 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Tgt Ion:105 Resp: 76421
Ion Ratio Lower Upper
105 100
120 46.0 22.8 68.3





#85

sec-Butylbenzene

Concen: 3.977 ug/l

RT: 13.340 min Scan# 1967

Delta R.T. 0.000 min

Lab File: VD080485.D

Acq: 26 Jun 2025 16:50

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

Tgt Ion:105 Resp: 9833

Ion Ratio Lower Upper

105 100

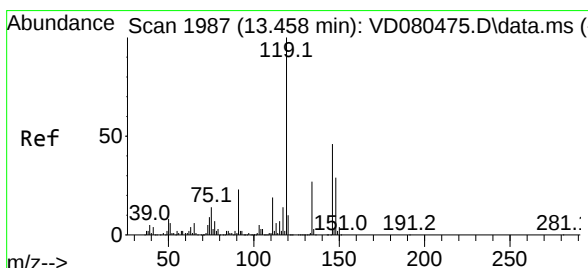
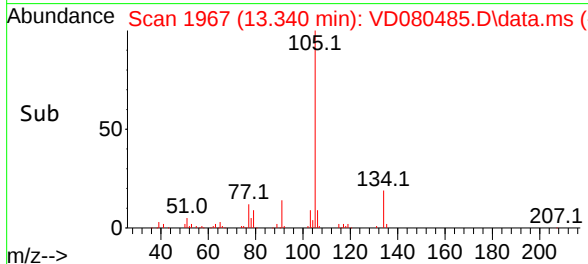
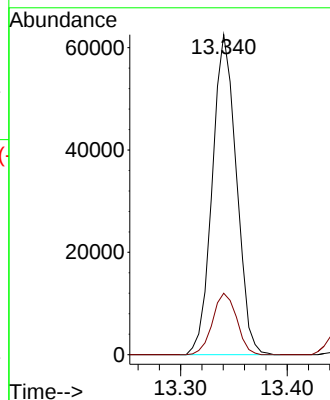
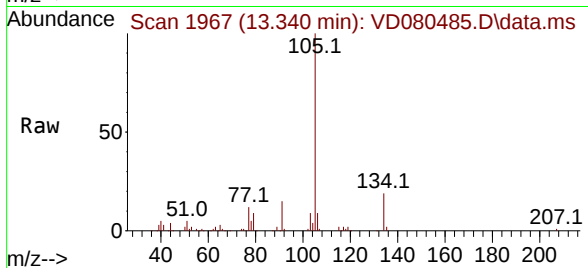
134 19.2 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025

Supervised By :Semsettin Yesilyurt 06/27/2025



#86

p-Isopropyltoluene

Concen: 3.912 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VD080485.D

Acq: 26 Jun 2025 16:50

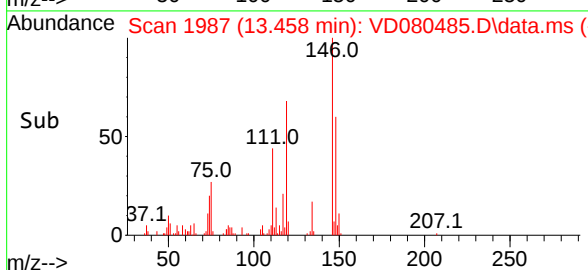
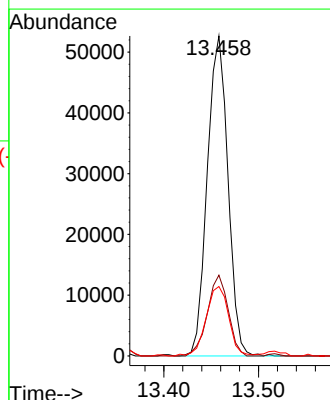
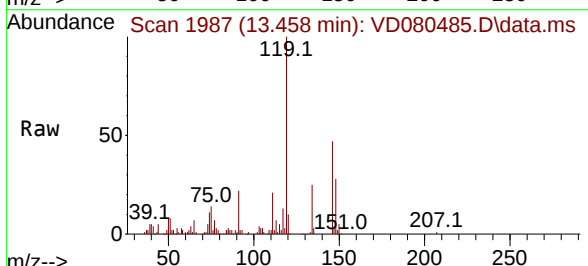
Tgt Ion:119 Resp: 80036

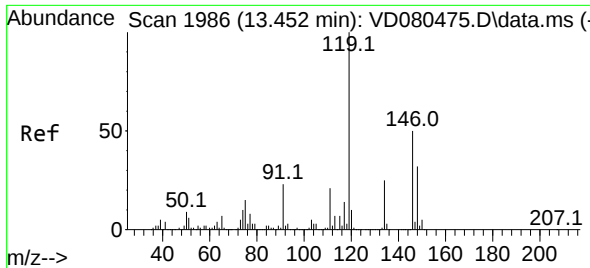
Ion Ratio Lower Upper

119 100

134 25.4 13.0 38.9

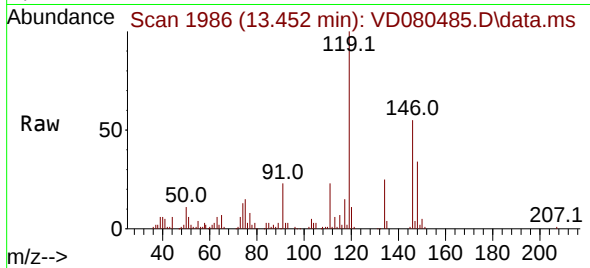
91 23.7 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 4.107 ug/l
RT: 13.452 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

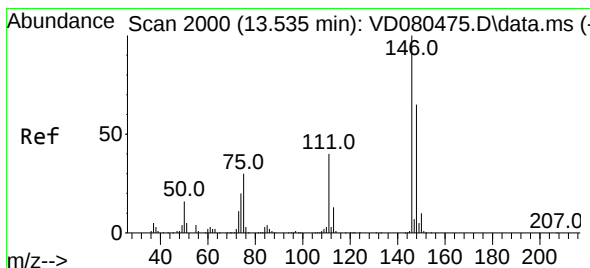
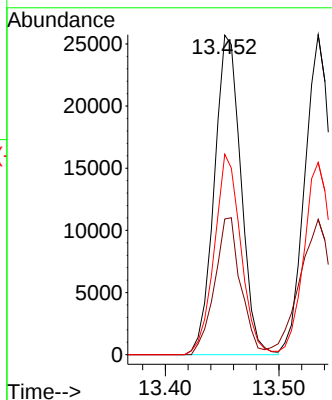
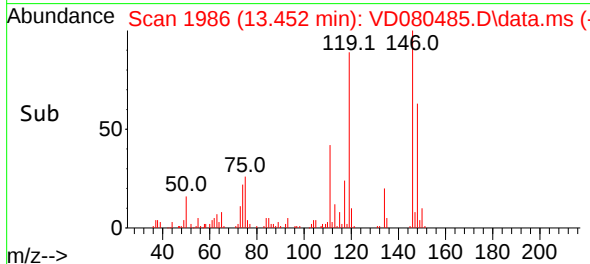
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



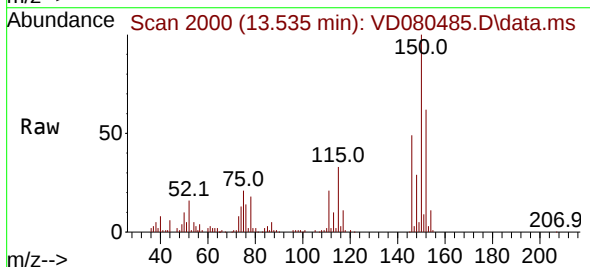
Tgt Ion:146 Resp: 41918
Ion Ratio Lower Upper
146 100
111 42.1 20.6 61.8
148 62.7 31.5 94.5

Manual Integrations
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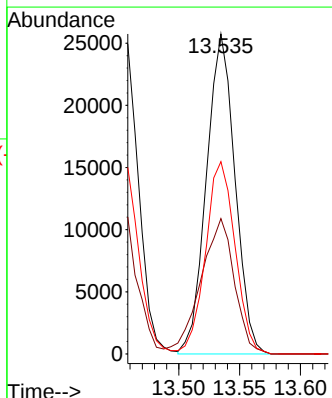
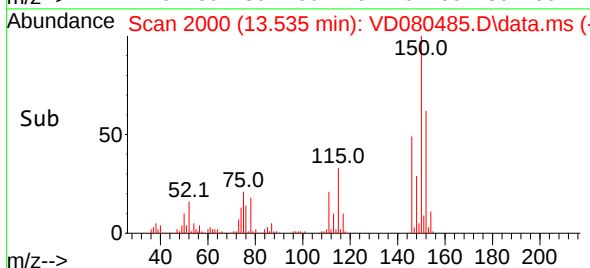
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025

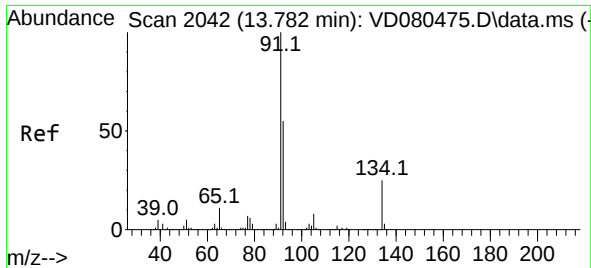


#88
1,4-Dichlorobenzene
Concen: 4.132 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50



Tgt Ion:146 Resp: 42103
Ion Ratio Lower Upper
146 100
111 49.8 20.0 60.0
148 62.1 32.1 96.3





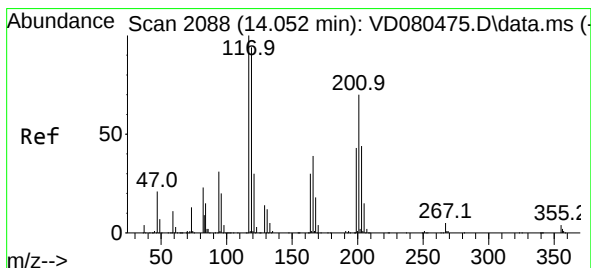
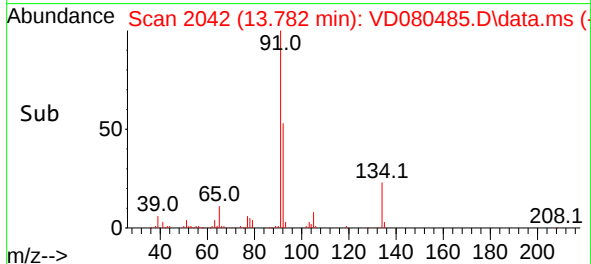
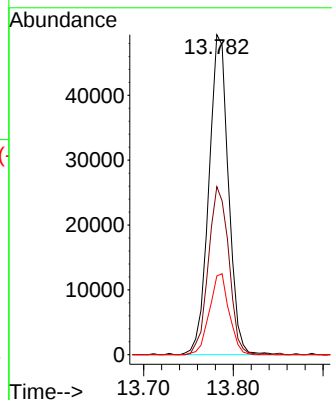
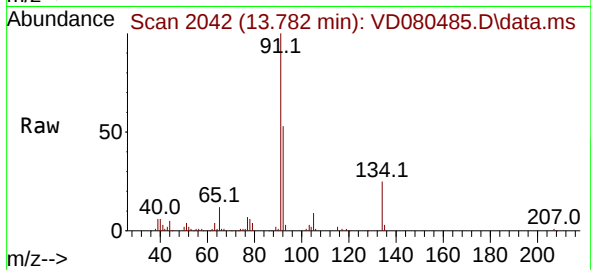
#89
n-Butylbenzene
Concen: 3.811 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

Tgt Ion: 91 Resp: 7483
Ion Ratio Lower Upper
91 100
92 54.8 27.4 82.0
134 25.4 12.6 37.8

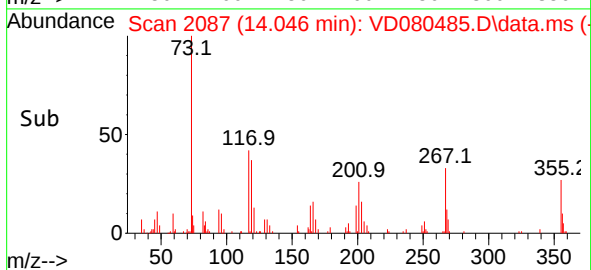
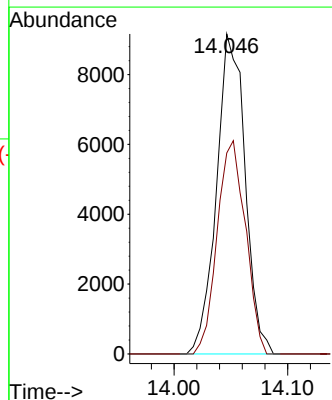
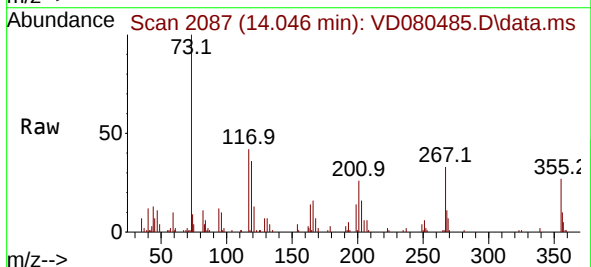
Manual Integrations
APPROVED

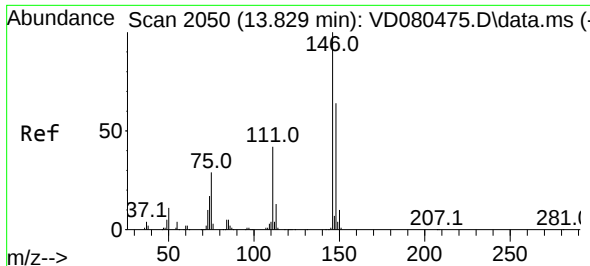
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#90
Hexachloroethane
Concen: 4.047 ug/l
RT: 14.046 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Tgt Ion:117 Resp: 15998
Ion Ratio Lower Upper
117 100
201 66.0 34.2 102.5





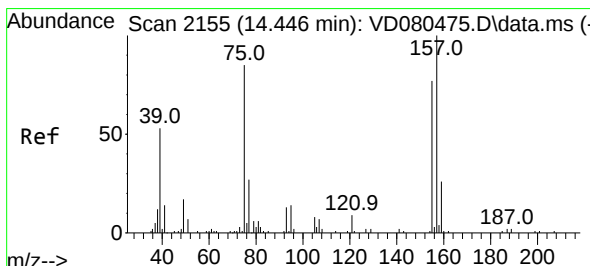
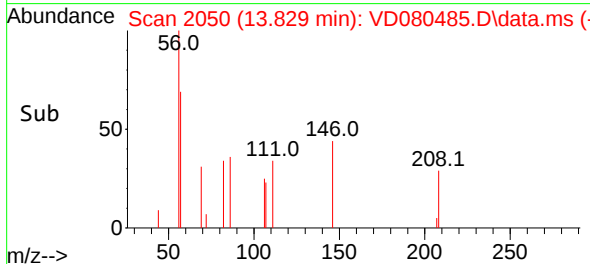
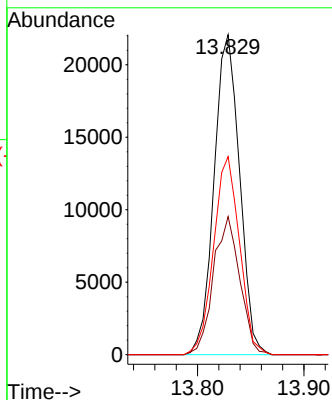
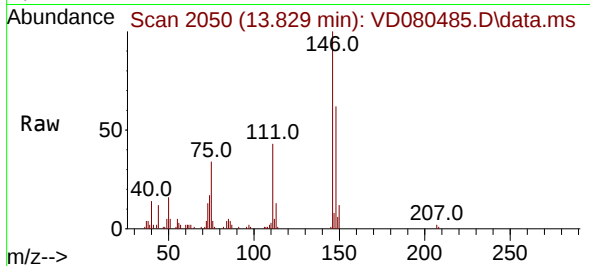
#91
1,2-Dichlorobenzene
Concen: 4.080 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-03-QT2-2025

Tgt Ion:146 Resp: 36658
Ion Ratio Lower Upper
146 100
111 44.6 21.3 63.7
148 63.1 31.9 95.7

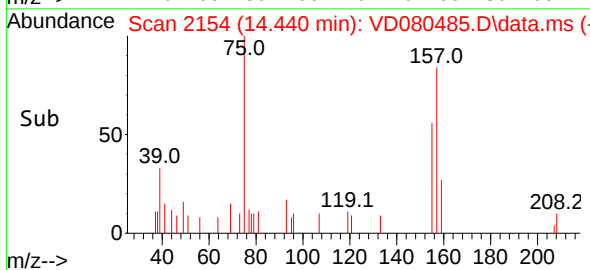
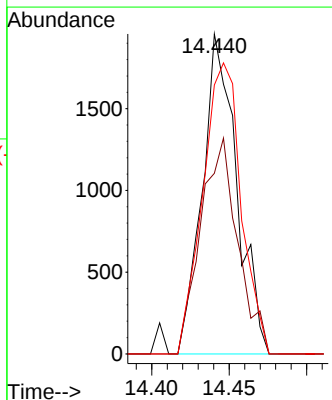
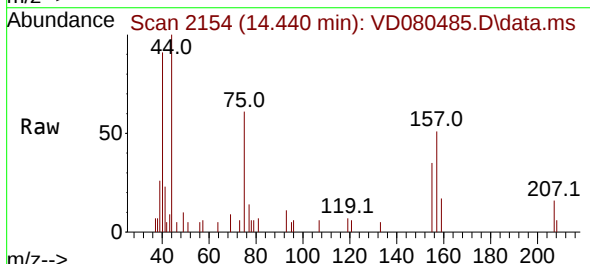
Manual Integrations
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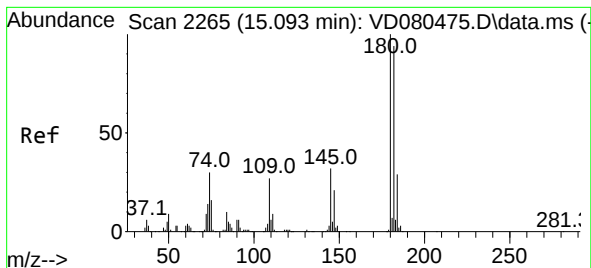
Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.569 ug/l
RT: 14.440 min Scan# 2154
Delta R.T. -0.006 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

Tgt Ion: 75 Resp: 3028
Ion Ratio Lower Upper
75 100
155 72.7 45.6 136.8
157 101.6 58.6 175.8





#93

1,2,4-Trichlorobenzene

Concen: 4.219 ug/l

RT: 15.093 min Scan# 2265

Delta R.T. 0.000 min

Lab File: VD080485.D

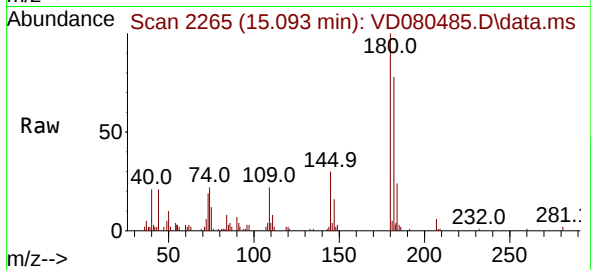
Acq: 26 Jun 2025 16:50

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

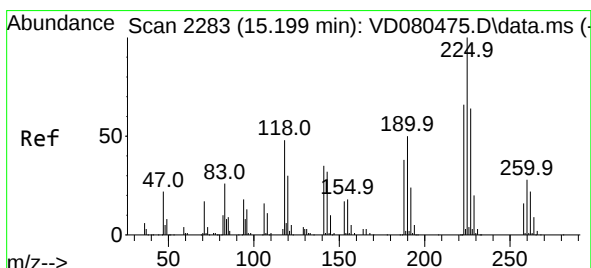
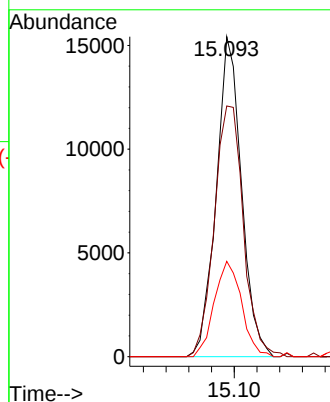
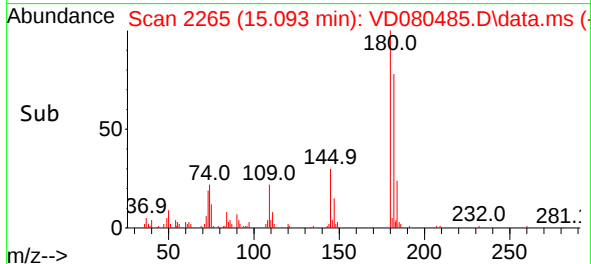


Tgt Ion:	180	Resp:	2375
Ion Ratio	Lower	Upper	
180	100		
182	90.3	46.8	140.4
145	32.2	16.0	47.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#94

Hexachlorobutadiene

Concen: 3.746 ug/l

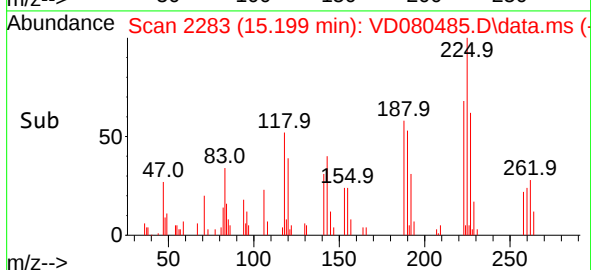
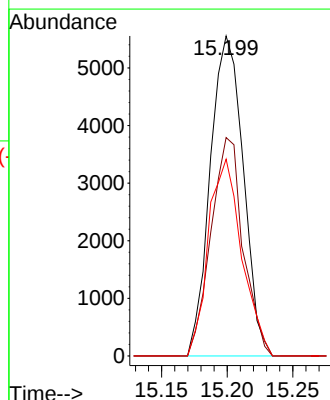
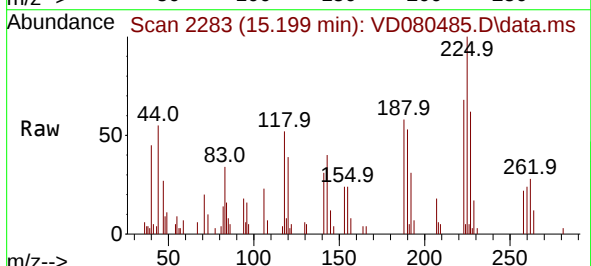
RT: 15.199 min Scan# 2283

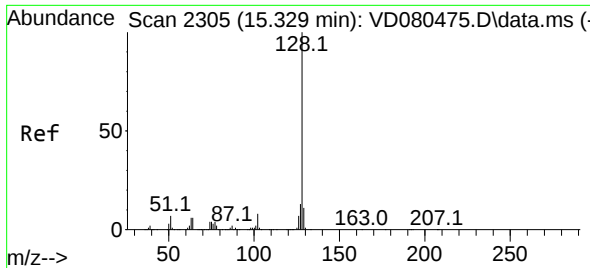
Delta R.T. 0.000 min

Lab File: VD080485.D

Acq: 26 Jun 2025 16:50

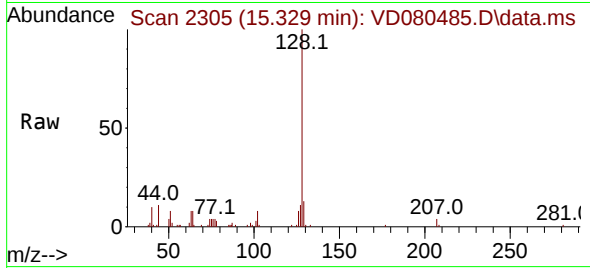
Tgt Ion:	225	Resp:	9734
Ion Ratio	Lower	Upper	
225	100		
223	66.3	31.4	94.2
227	62.1	31.8	95.3





#95
Naphthalene
Concen: 4.049 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50

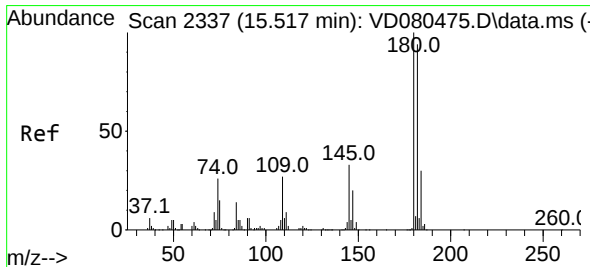
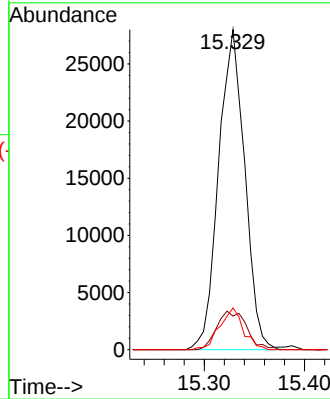
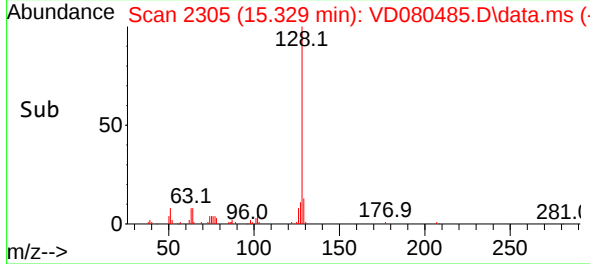
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



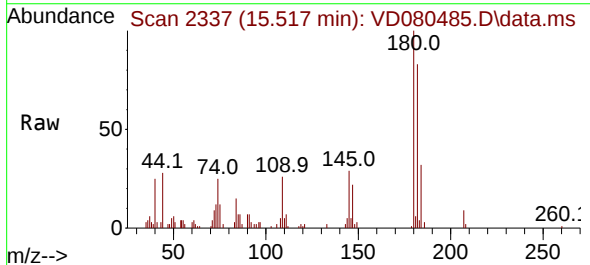
Tgt Ion:128 Resp: 50644
Ion Ratio Lower Upper
128 100
127 10.5 10.6 15.8
129 13.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.430 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD080485.D
Acq: 26 Jun 2025 16:50



Tgt Ion:180 Resp: 21442
Ion Ratio Lower Upper
180 100
182 90.8 47.3 141.9
145 32.5 16.7 50.1

