

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111925\
 Data File : VD080545.D
 Acq On : 19 Nov 2025 12:01
 Operator : RP/MD
 Sample : Q3530-03
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT4-2025

Quant Time: Nov 20 04:08:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111725S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 18 00:45:54 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit
 Patel

11/20/2025
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	258425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	428410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	362815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.511	152	162828	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	104842	48.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.640%
35) Dibromofluoromethane	7.806	113	121902	48.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.660%
50) Toluene-d8	10.270	98	488516	47.879	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.760%
62) 4-Bromofluorobenzene	12.570	95	138079	47.073	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	7604	3.948	ug/l	96
3) Chloromethane	2.147	50	12517	4.026	ug/l	100
4) Vinyl Chloride	2.282	62	14387	3.905	ug/l	94
5) Bromomethane	2.700	94	12433	4.552	ug/l	98
6) Chloroethane	2.841	64	11163	4.414	ug/l	100
7) Trichlorofluoromethane	3.188	101	16722	3.989	ug/l	91
8) Diethyl Ether	3.600	74	3836	3.320	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.970	101	10783	4.070	ug/l	98
10) Methyl Iodide	4.165	142	10792	3.168	ug/l	95
11) Tert butyl alcohol	5.047	59	2965	29.340	ug/l #	83
12) 1,1-Dichloroethene	3.947	96	10747	3.854	ug/l #	86
13) Acrolein	3.800	56	2832	16.109	ug/l	88
14) Allyl chloride	4.565	41	15014	3.448	ug/l	96
15) Acrylonitrile	5.247	53	8045	17.250	ug/l	99
16) Acetone	4.018	43	5073	15.992	ug/l	98
17) Carbon Disulfide	4.276	76	32134	3.581	ug/l	99
18) Methyl Acetate	4.565	43	4490	4.602	ug/l #	78
19) Methyl tert-butyl Ether	5.329	73	17777	3.596	ug/l	97
20) Methylene Chloride	4.812	84	18372	5.737	ug/l #	93
21) trans-1,2-Dichloroethene	5.317	96	12205	3.925	ug/l	86
22) Diisopropyl ether	6.229	45	27482	3.492	ug/l	96
23) Vinyl Acetate	6.159	43	66059m	16.121	ug/l	
24) 1,1-Dichloroethane	6.112	63	19132	3.556	ug/l	99
25) 2-Butanone	7.088	43	9327	18.752	ug/l #	84
26) 2,2-Dichloropropane	7.082	77	17285	3.735	ug/l #	73
27) cis-1,2-Dichloroethene	7.076	96	13393	3.697	ug/l	94
28) Bromochloromethane	7.429	49	7283	3.699	ug/l #	92
29) Tetrahydrofuran	7.453	42	5929	17.892	ug/l	91
30) Chloroform	7.600	83	20187	3.826	ug/l	94
31) Cyclohexane	7.882	56	22653	4.395	ug/l #	79
32) 1,1,1-Trichloroethane	7.800	97	18594	4.012	ug/l	96
36) 1,1-Dichloropropene	8.011	75	15250	3.911	ug/l	94
37) Ethyl Acetate	7.164	43	1305	1.107	ug/l #	59
38) Carbon Tetrachloride	7.994	117	16270	4.153	ug/l #	85
39) Methylcyclohexane	9.270	83	19731	3.836	ug/l	92
40) Benzene	8.253	78	45626	3.779	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	2322m	3.014	ug/l	
42) 1,2-Dichloroethane	8.329	62	10831	4.299	ug/l	94
43) Isopropyl Acetate	8.358	43	8499	3.674	ug/l	91
44) Trichloroethene	9.035	130	12126	3.973	ug/l	82
45) 1,2-Dichloropropane	9.300	63	10726	3.881	ug/l	98
46) Dibromomethane	9.394	93	5536	4.060	ug/l	97
47) Bromodichloromethane	9.582	83	13904	3.776	ug/l #	91
48) Methyl methacrylate	9.382	41	4361	3.798	ug/l	90
49) 1,4-Dioxane	9.394	88	913	71.838	ug/l #	79
51) 4-Methyl-2-Pentanone	10.152	43	19246	17.931	ug/l	98
52) Toluene	10.335	92	28979	3.796	ug/l	98
53) t-1,3-Dichloropropene	10.547	75	11285	3.459	ug/l #	86
54) cis-1,3-Dichloropropene	10.017	75	15354	3.649	ug/l	96
55) 1,1,2-Trichloroethane	10.729	97	6917	3.966	ug/l	91
56) Ethyl methacrylate	10.600	69	7737	3.844	ug/l	99
57) 1,3-Dichloropropane	10.876	76	11082	3.644	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.870	63	20268	17.949	ug/l	96
59) 2-Hexanone	10.917	43	13434	17.904	ug/l	88
60) Dibromochloromethane	11.070	129	8674	3.743	ug/l	97
61) 1,2-Dibromoethane	11.182	107	6305	3.758	ug/l	92
64) Tetrachloroethene	10.805	164	9955	3.814	ug/l	91
65) Chlorobenzene	11.605	112	30025	3.716	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.676	131	10152	4.018	ug/l	99
67) Ethyl Benzene	11.682	91	54052	3.691	ug/l	94
68) m/p-Xylenes	11.788	106	42103	7.518	ug/l	98
69) o-Xylene	12.117	106	20003	3.863	ug/l	88
70) Styrene	12.135	104	30916	3.618	ug/l	98
71) Bromoform	12.299	173	4555	3.859	ug/l #	99
73) Isopropylbenzene	12.417	105	53066	3.839	ug/l	99
74) N-amyl acetate	12.229	43	6760	3.155	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.670	83	6050	3.490	ug/l	92
76) 1,2,3-Trichloropropane	12.723	75	5900m	4.652	ug/l	
77) Bromobenzene	12.694	156	11347	3.868	ug/l	98
78) n-propylbenzene	12.758	91	60457	3.646	ug/l	99
79) 2-Chlorotoluene	12.846	91	34960	3.832	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	40782	3.732	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	2392	3.602	ug/l	95
82) 4-Chlorotoluene	12.946	91	34337	3.703	ug/l	99
83) tert-Butylbenzene	13.164	119	36806	3.746	ug/l	98
84) 1,2,4-Trimethylbenzene	13.205	105	39003	3.628	ug/l	97
85) sec-Butylbenzene	13.341	105	53567	3.683	ug/l	99
86) p-Isopropyltoluene	13.458	119	43684	3.622	ug/l	97
87) 1,3-Dichlorobenzene	13.458	146	22857	3.921	ug/l	100
88) 1,4-Dichlorobenzene	13.535	146	22691	3.981	ug/l	95
89) n-Butylbenzene	13.782	91	42752	3.717	ug/l	98
90) Hexachloroethane	14.052	117	9226	3.921	ug/l	100
91) 1,2-Dichlorobenzene	13.829	146	19193	3.984	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.435	75	1044	4.374	ug/l	91
93) 1,2,4-Trichlorobenzene	15.099	180	12074	4.059	ug/l	98
94) Hexachlorobutadiene	15.199	225	6179	3.730	ug/l	97
95) Naphthalene	15.329	128	18299	3.780	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.511	180	9645	4.002	ug/l	92

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Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025

Manual Integrations
APPROVED

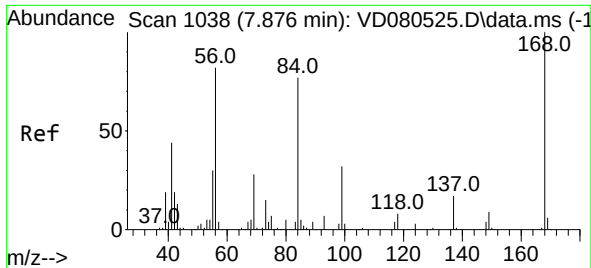
Reviewed By :Amit
Patel

11/20/2025
Supervised By :Mahesh
Dadoda

11/20/2025

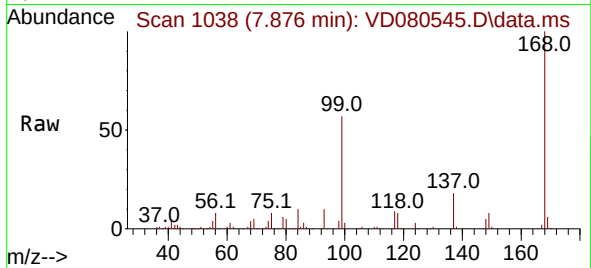
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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
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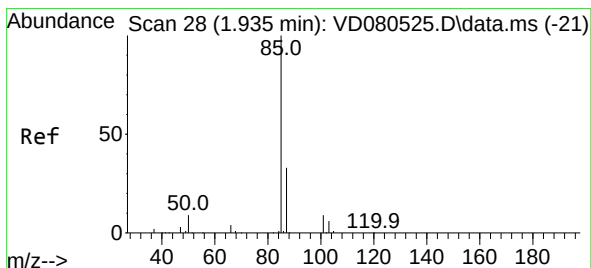
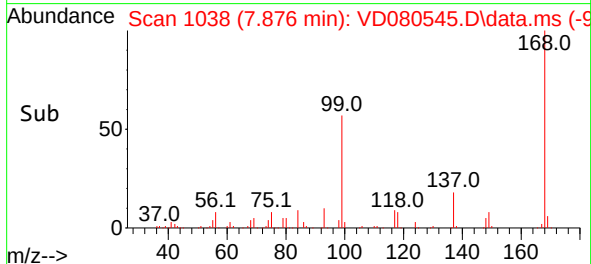
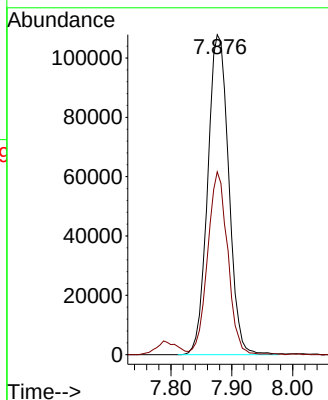
Tgt Ion:168 Resp: 25842
Ion Ratio Lower Upper
168 100
99 57.0 42.5 63.7

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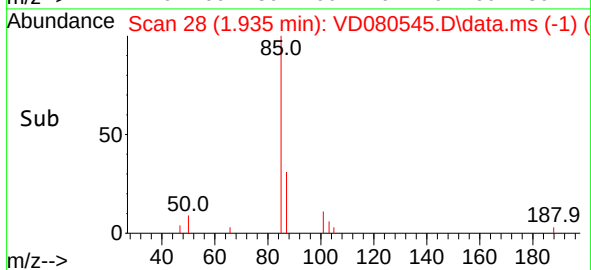
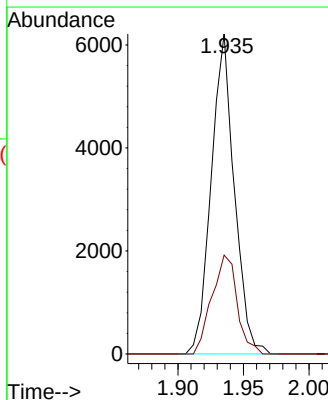
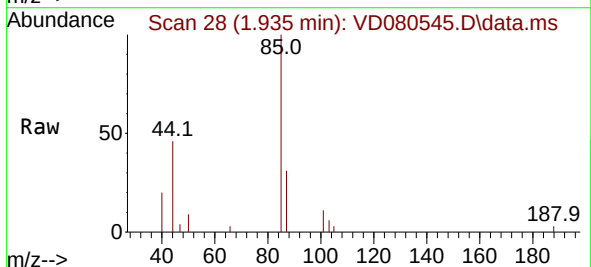
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Supervised By :Mahesh
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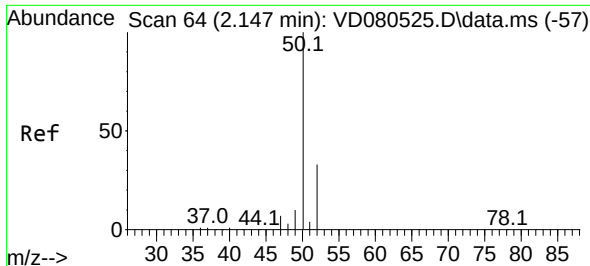
11/20/2025



#2
Dichlorodifluoromethane
Concen: 3.948 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

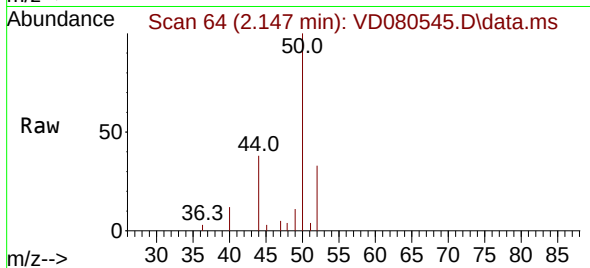
Tgt Ion: 85 Resp: 7604
Ion Ratio Lower Upper
85 100
87 30.9 16.5 49.5





#3
Chloromethane
Concen: 4.026 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



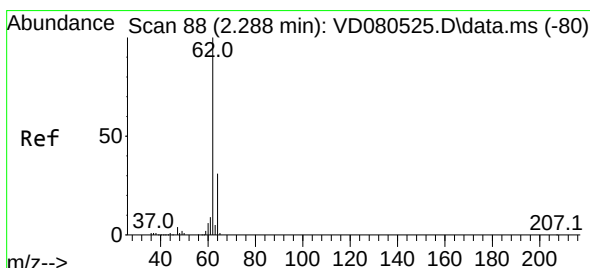
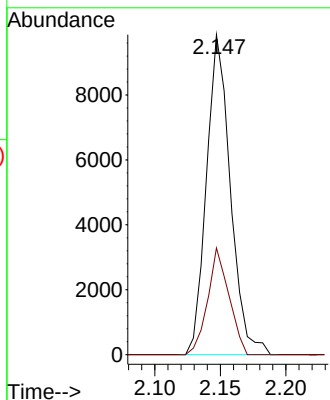
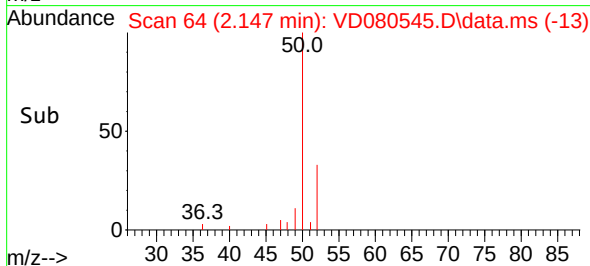
Tgt Ion: 50 Resp: 1251
Ion Ratio Lower Upper
50 100
52 33.3 26.5 39.7

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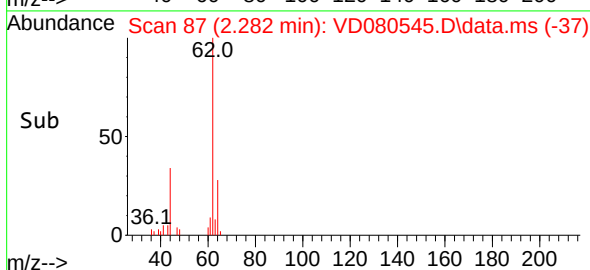
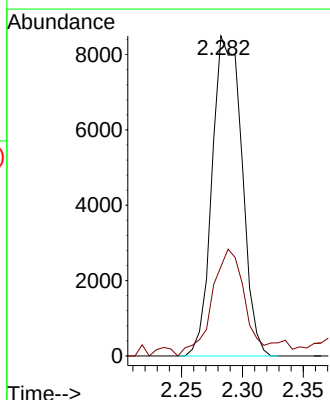
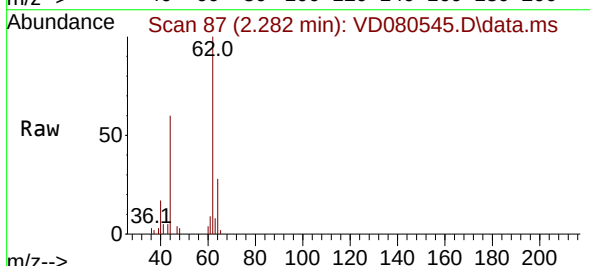
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Supervised By :Mahesh
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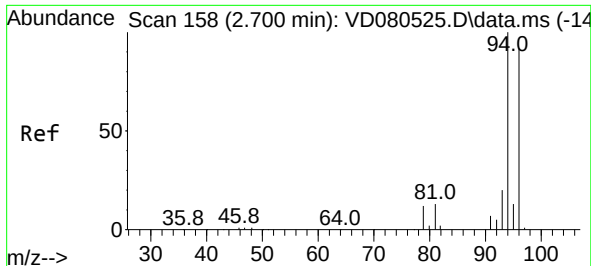
11/20/2025



#4
Vinyl Chloride
Concen: 3.905 ug/l
RT: 2.282 min Scan# 87
Delta R.T. -0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

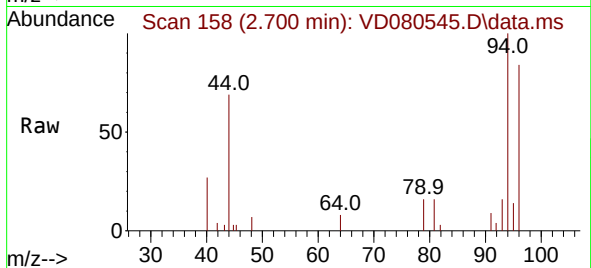
Tgt Ion: 62 Resp: 14387
Ion Ratio Lower Upper
62 100
64 27.9 25.0 37.6





#5
Bromomethane
Concen: 4.552 ug/l
RT: 2.700 min Scan# 158
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
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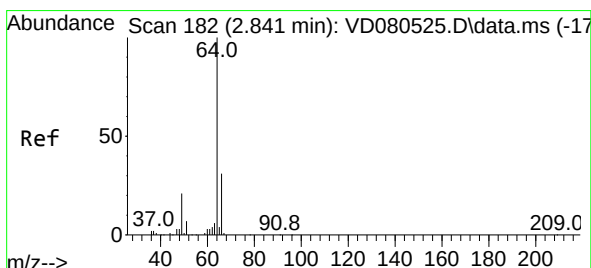
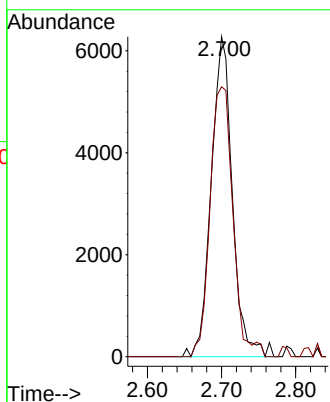
Tgt Ion: 94 Resp: 1243
Ion Ratio Lower Upper
94 100
96 91.4 74.6 112.0

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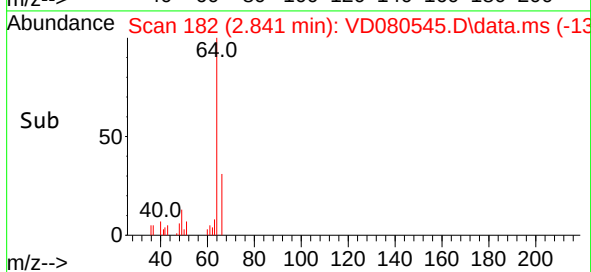
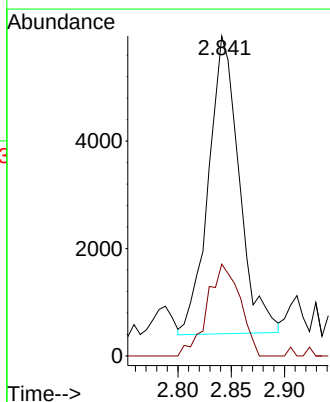
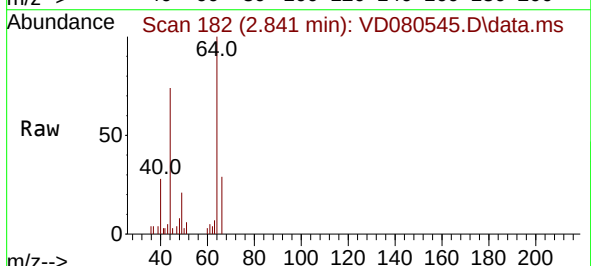
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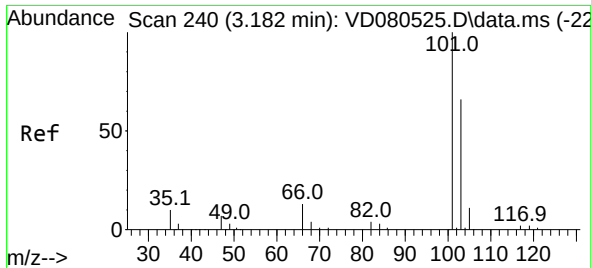
11/20/2025



#6
Chloroethane
Concen: 4.414 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

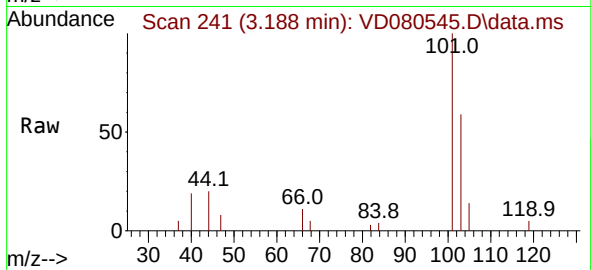
Tgt Ion: 64 Resp: 11163
Ion Ratio Lower Upper
64 100
66 31.3 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 3.989 ug/l
 RT: 3.188 min Scan# 240
 Delta R.T. 0.006 min
 Lab File: VD080545.D
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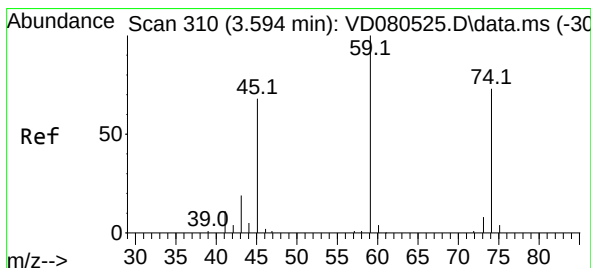
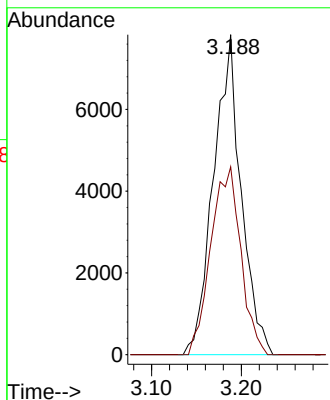
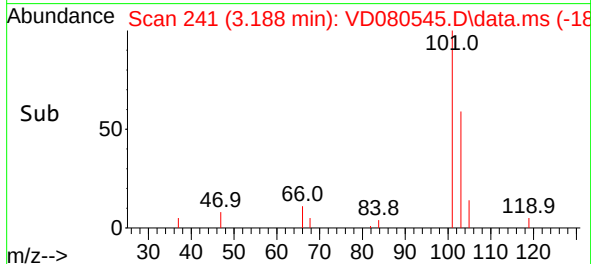
Tgt Ion:101 Resp: 1672
 Ion Ratio Lower Upper
 101 100
 103 58.7 52.6 78.8

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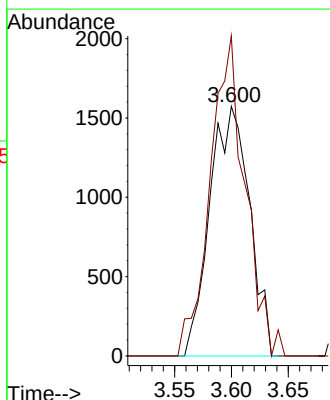
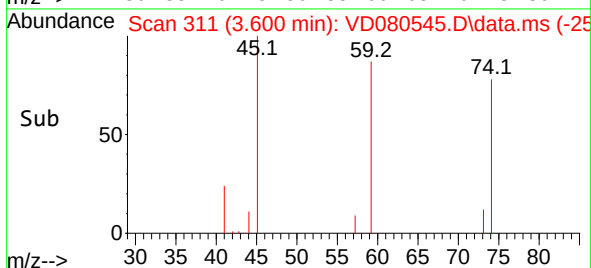
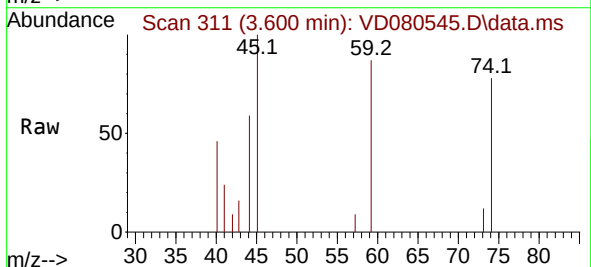
11/20/2025
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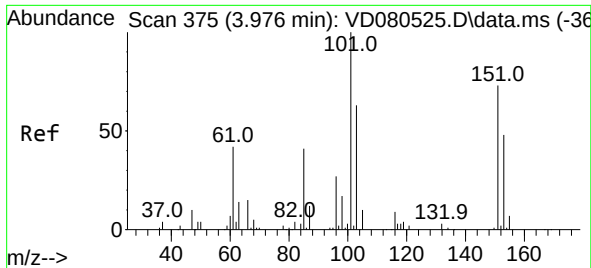
11/20/2025



#8
 Diethyl Ether
 Concen: 3.320 ug/l
 RT: 3.600 min Scan# 311
 Delta R.T. 0.006 min
 Lab File: VD080545.D
 Acq: 19 Nov 2025 12:01

Tgt Ion: 74 Resp: 3836
 Ion Ratio Lower Upper
 74 100
 45 112.5 46.9 140.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.070 ug/l
RT: 3.970 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
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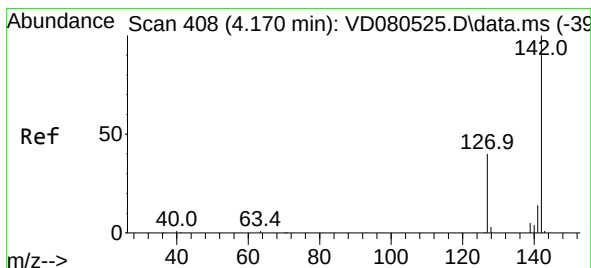
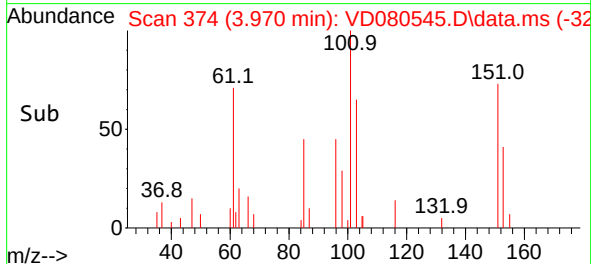
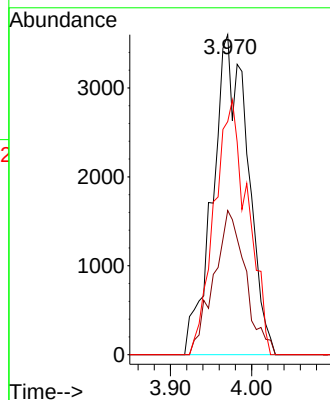
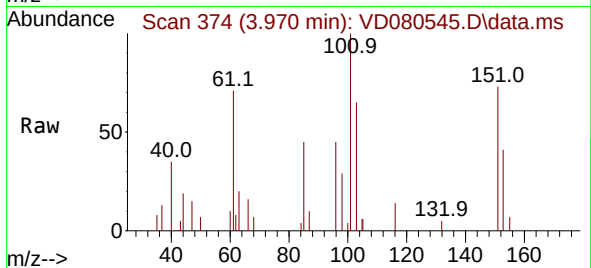
Tgt Ion:101 Resp: 1078
Ion Ratio Lower Upper
101 100
85 40.8 33.8 50.6
151 76.1 59.6 89.4

Manual Integrations
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Reviewed By :Amit
Patel

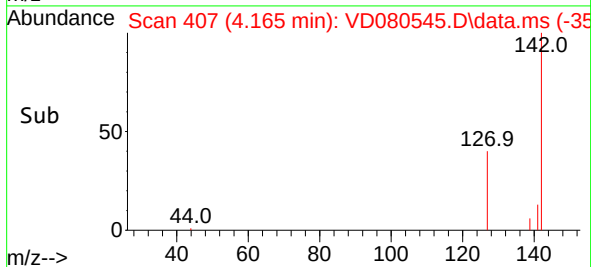
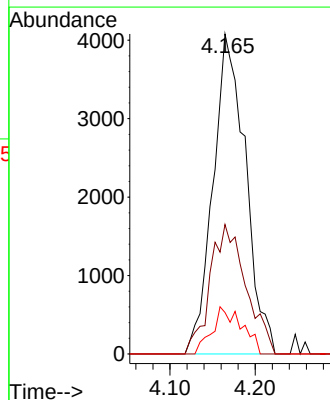
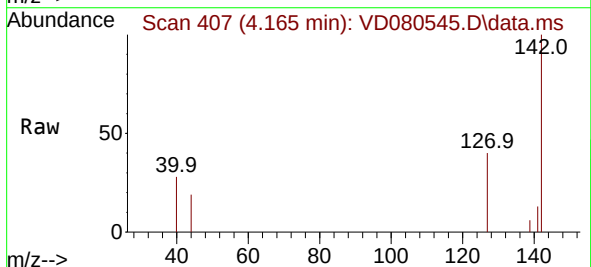
11/20/2025
Supervised By :Mahesh
Dadoda

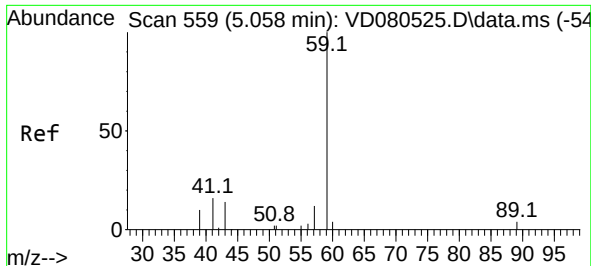
11/20/2025



#10
Methyl Iodide
Concen: 3.168 ug/l
RT: 4.165 min Scan# 407
Delta R.T. -0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Tgt Ion:142 Resp: 10792
Ion Ratio Lower Upper
142 100
127 44.8 32.6 49.0
141 13.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 29.340 ug/l

RT: 5.047 min Scan# 51

Delta R.T. -0.012 min

Lab File: VD080545.D

Acq: 19 Nov 2025 12:01

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT4-2025

Tgt Ion: 59 Resp: 2968
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.5 6.7

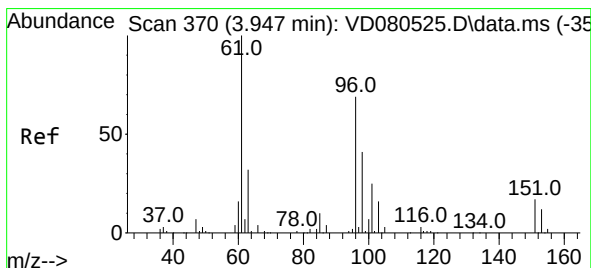
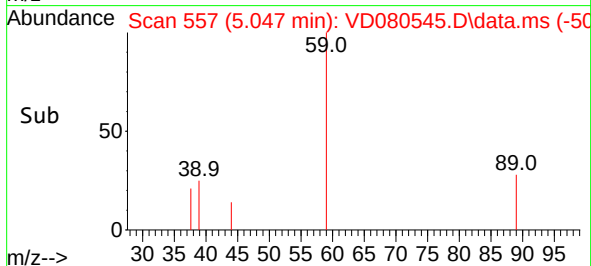
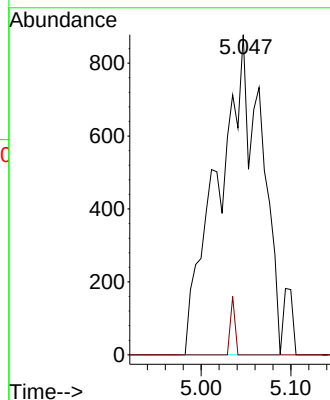
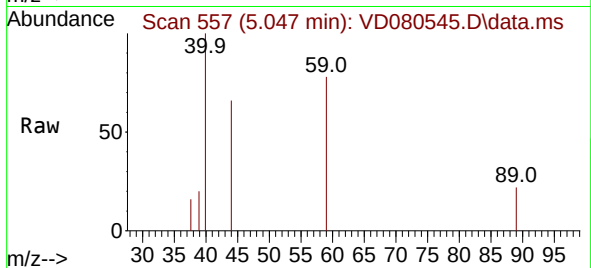
Manual Integrations
 APPROVED

Reviewed By :Amit
 Patel

11/20/2025

Supervised By :Mahesh
 Dadoda

11/20/2025



#12

1,1-Dichloroethene

Concen: 3.854 ug/l

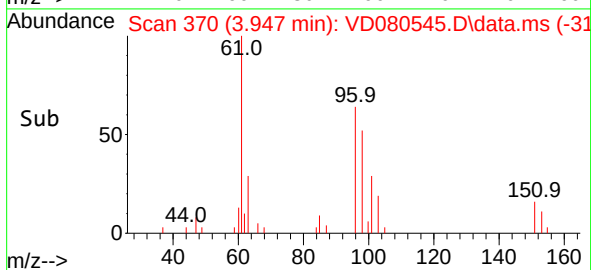
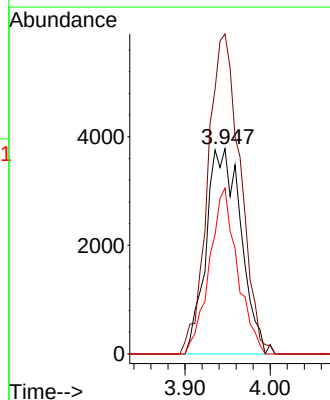
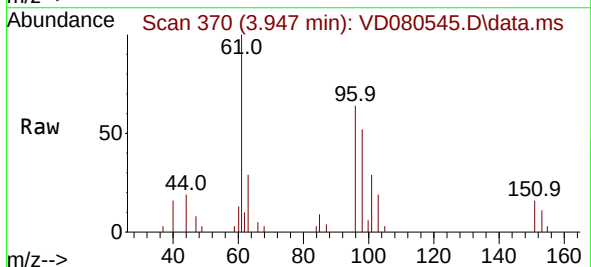
RT: 3.947 min Scan# 370

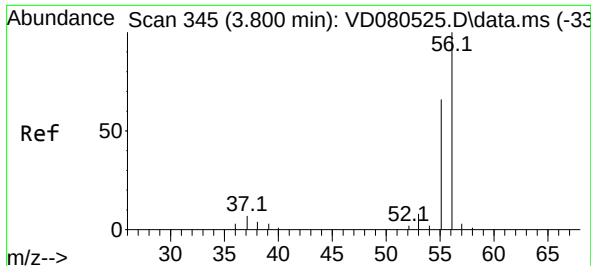
Delta R.T. 0.000 min

Lab File: VD080545.D

Acq: 19 Nov 2025 12:01

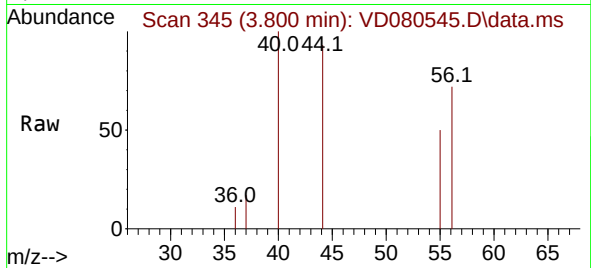
Tgt Ion: 96 Resp: 10747
 Ion Ratio Lower Upper
 96 100
 61 155.9 116.2 174.2
 98 80.8 47.6 71.4





#13
Acrolein
Concen: 16.109 ug/l
RT: 3.800 min Scan# 345
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



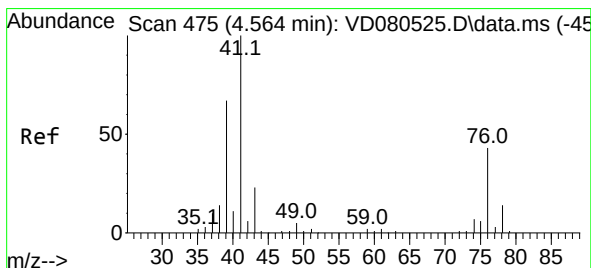
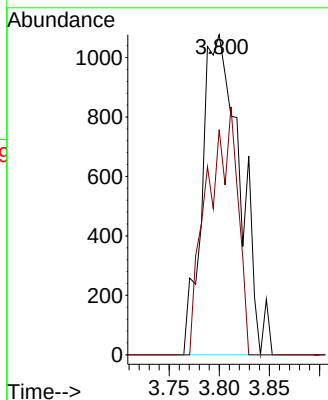
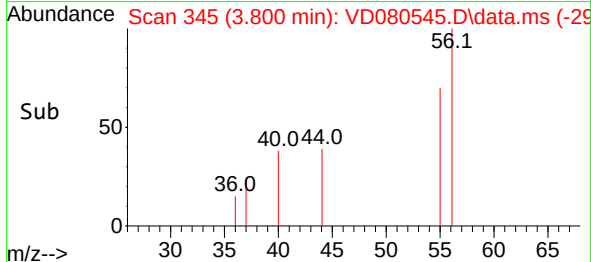
Tgt Ion: 56 Resp: 2832
Ion Ratio Lower Upper
56 100
55 61.8 57.2 85.8

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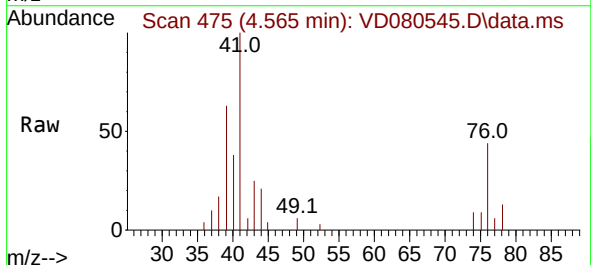
Reviewed By :Amit
Patel

11/20/2025
Supervised By :Mahesh
Dadoda

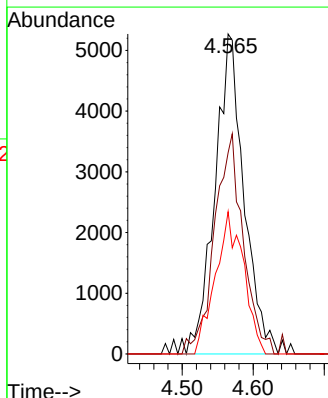
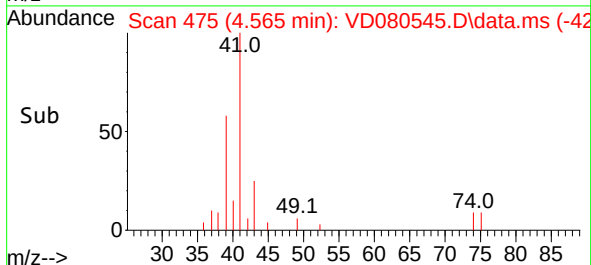
11/20/2025

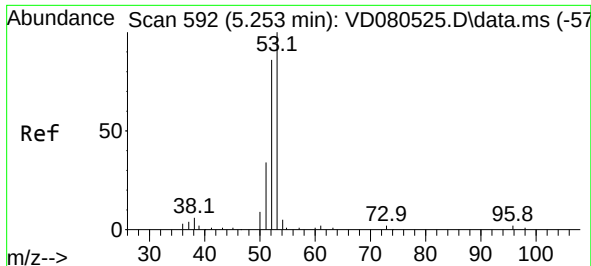


#14
Allyl chloride
Concen: 3.448 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01



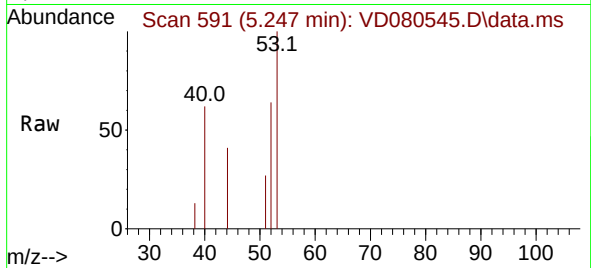
Tgt Ion: 41 Resp: 15014
Ion Ratio Lower Upper
41 100
39 67.7 51.4 77.2
76 43.1 32.6 48.8





#15
Acrylonitrile
Concen: 17.250 ug/l
RT: 5.247 min Scan# 591
Delta R.T. -0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



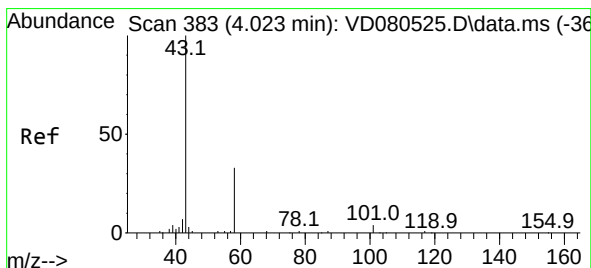
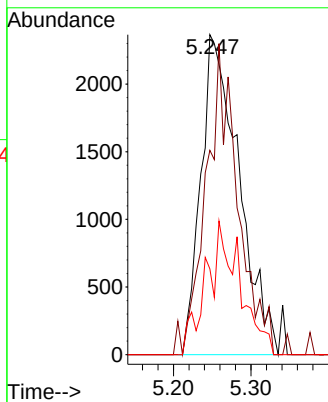
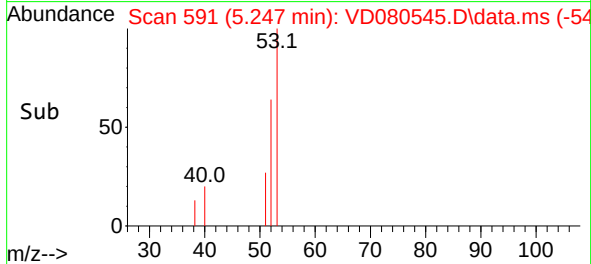
Tgt Ion: 53 Resp: 804
Ion Ratio Lower Upper
53 100
52 81.4 64.9 97.3
51 37.1 28.8 43.2

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Reviewed By :Amit
Patel

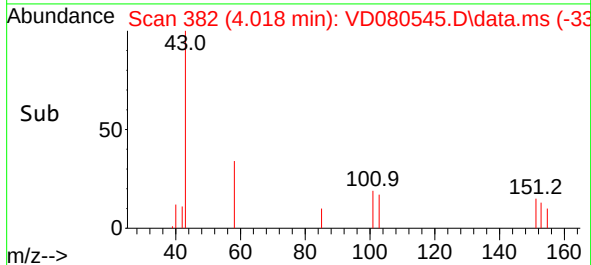
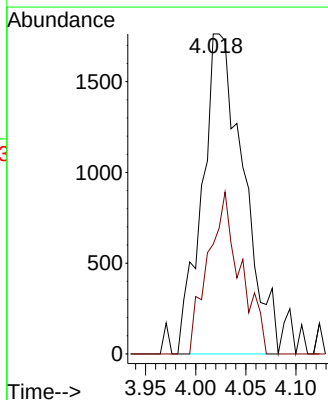
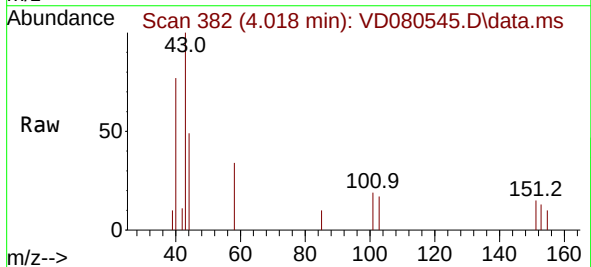
11/20/2025
Supervised By :Mahesh
Dadoda

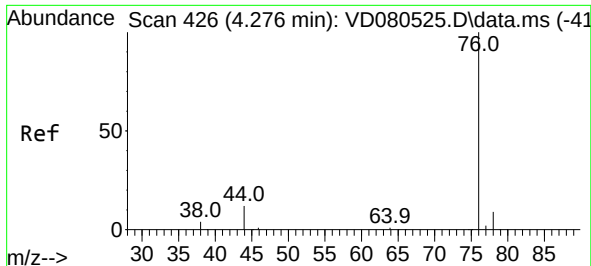
11/20/2025



#16
Acetone
Concen: 15.992 ug/l
RT: 4.018 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

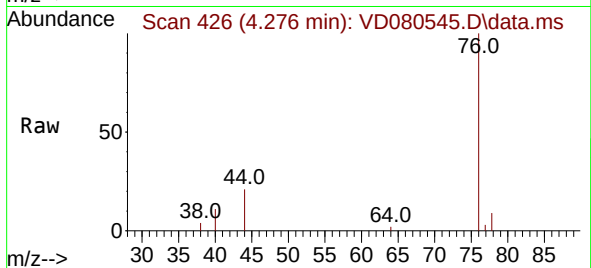
Tgt Ion: 43 Resp: 5073
Ion Ratio Lower Upper
43 100
58 34.3 26.6 40.0





#17
Carbon Disulfide
Concen: 3.581 ug/l
RT: 4.276 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



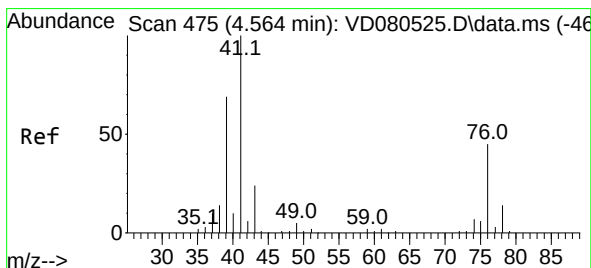
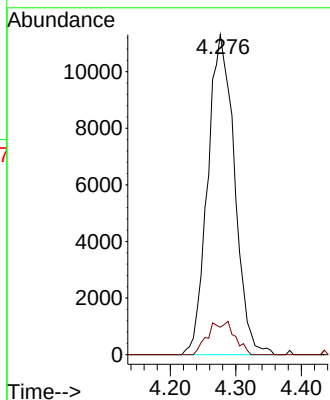
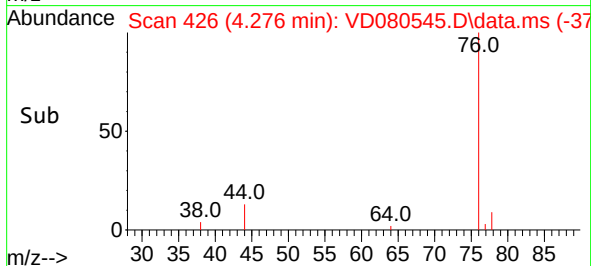
Tgt Ion: 76 Resp: 32134
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6

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Reviewed By :Amit
Patel

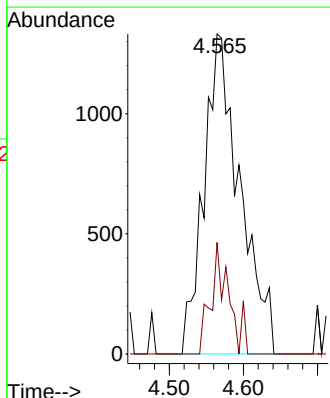
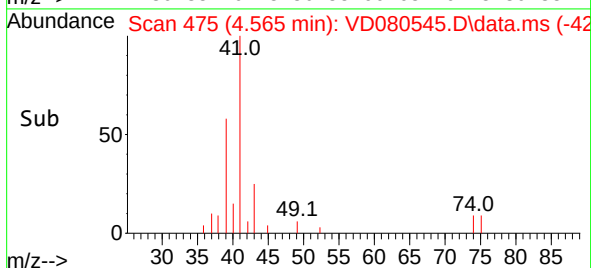
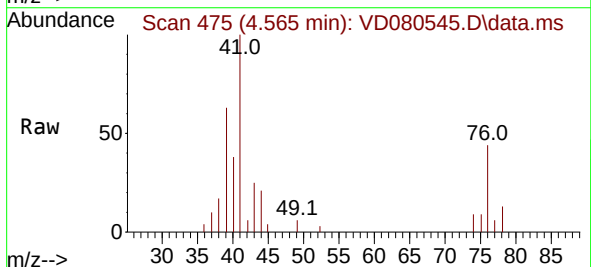
11/20/2025
Supervised By :Mahesh
Dadoda

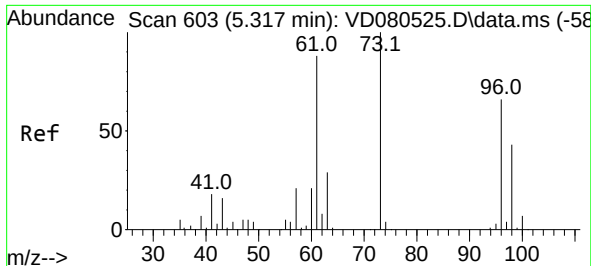
11/20/2025



#18
Methyl Acetate
Concen: 4.602 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

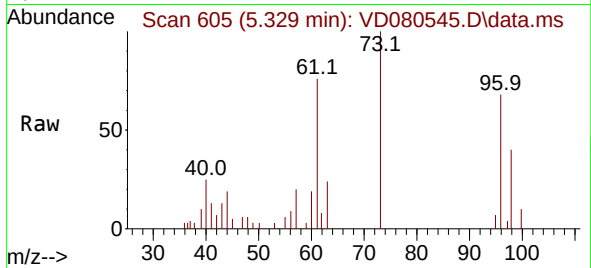
Tgt Ion: 43 Resp: 4490
Ion Ratio Lower Upper
43 100
74 15.7 21.7 32.5#





#19
Methyl tert-butyl Ether
Concen: 3.596 ug/l
RT: 5.329 min Scan# 603
Delta R.T. 0.012 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



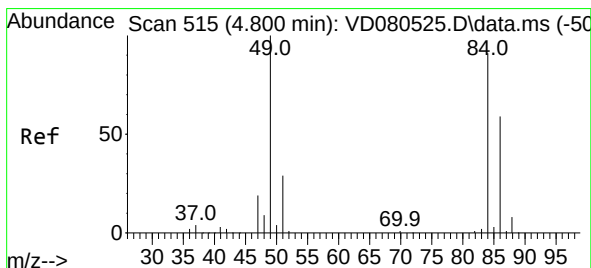
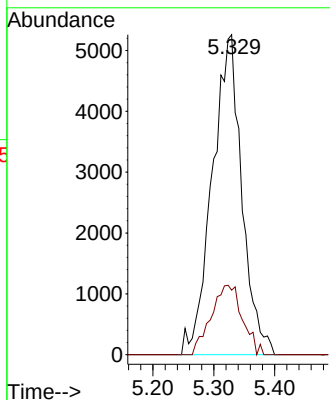
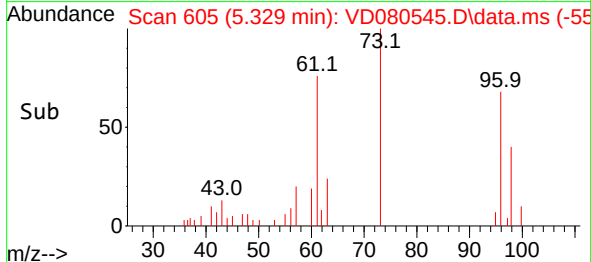
Tgt Ion: 73 Resp: 1777
Ion Ratio Lower Upper
73 100
57 20.1 17.1 25.7

Manual Integrations
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Reviewed By :Amit
Patel

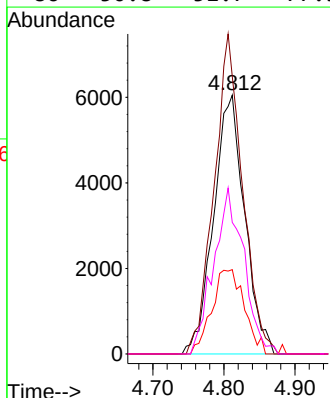
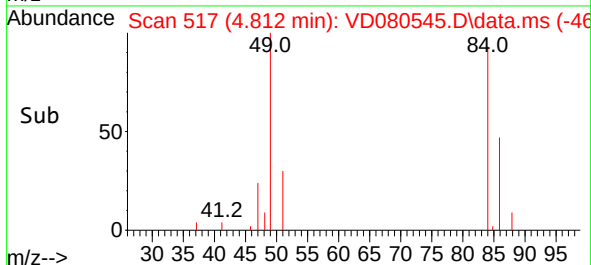
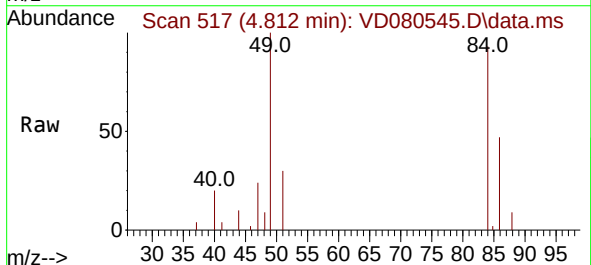
11/20/2025
Supervised By :Mahesh
Dadoda

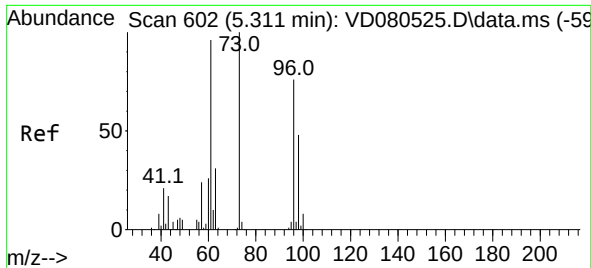
11/20/2025



#20
Methylene Chloride
Concen: 5.737 ug/l
RT: 4.812 min Scan# 517
Delta R.T. 0.012 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

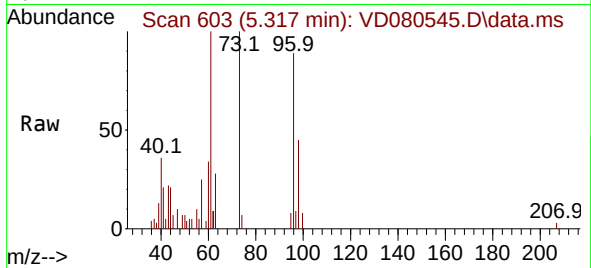
Tgt Ion: 84 Resp: 18372
Ion Ratio Lower Upper
84 100
49 107.2 87.9 131.9
51 32.6 25.4 38.2
86 50.8 51.7 77.5#





#21
trans-1,2-Dichloroethene
Concen: 3.925 ug/l
RT: 5.317 min Scan# 602
Delta R.T. 0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



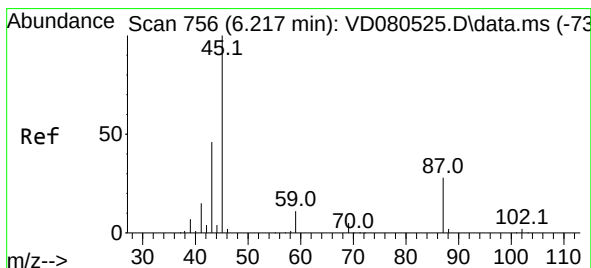
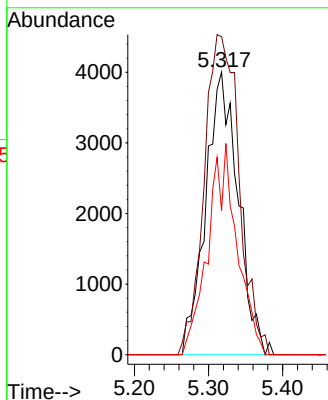
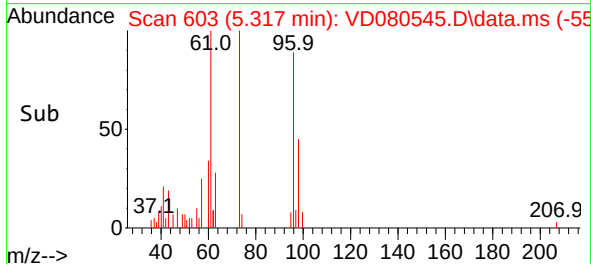
Tgt Ion: 96 Resp: 1220
Ion Ratio Lower Upper
96 100
61 112.5 102.0 153.0
98 51.0 50.5 75.7

Manual Integrations
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Reviewed By :Amit
Patel

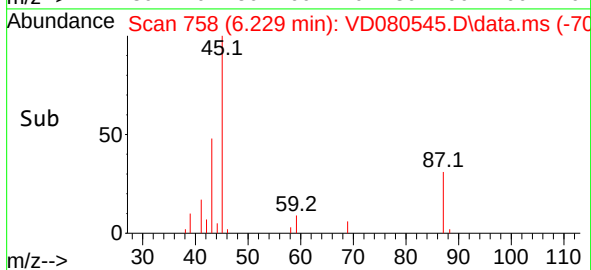
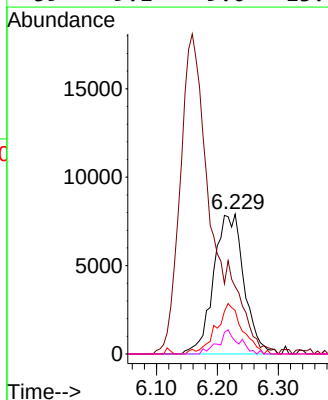
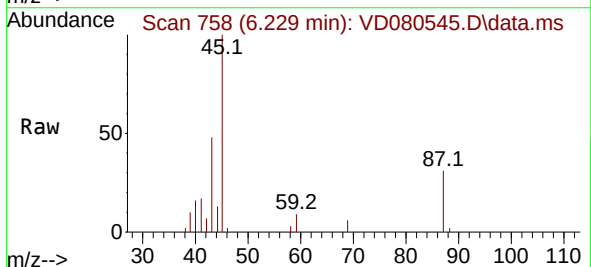
11/20/2025
Supervised By :Mahesh
Dadoda

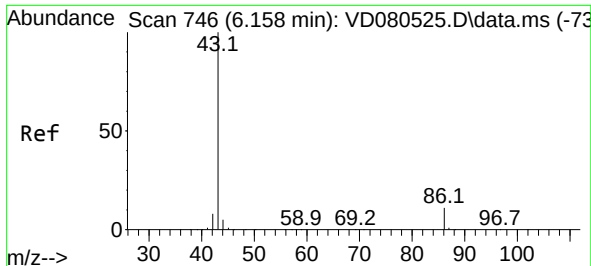
11/20/2025



#22
Diisopropyl ether
Concen: 3.492 ug/l
RT: 6.229 min Scan# 758
Delta R.T. 0.012 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Tgt Ion: 45 Resp: 27482
Ion Ratio Lower Upper
45 100
43 48.1 40.6 60.8
87 31.2 23.0 34.6
59 9.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 16.121 ug/l m
 RT: 6.159 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD080545.D
 Acq: 19 Nov 2025 12:01

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT4-2025

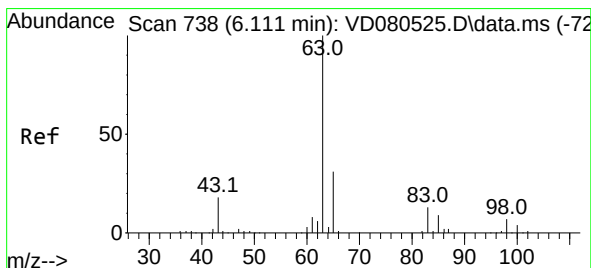
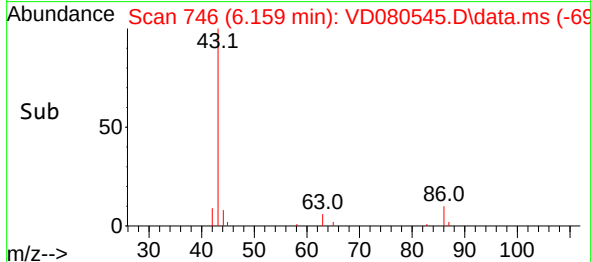
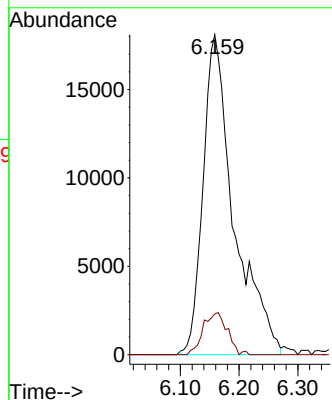
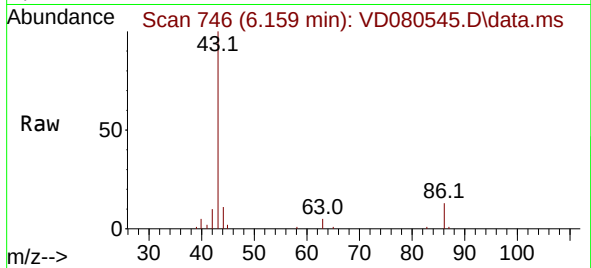
Tgt Ion: 43 Resp: 6605
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.1 13.7

Manual Integrations
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Reviewed By :Amit
 Patel

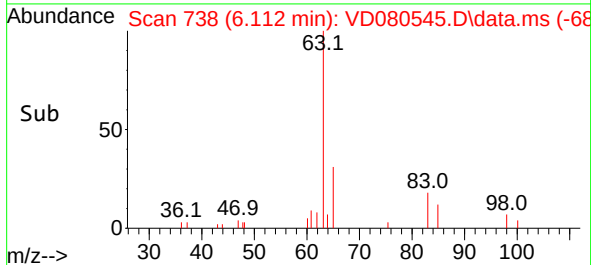
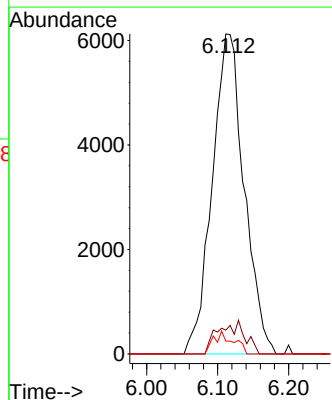
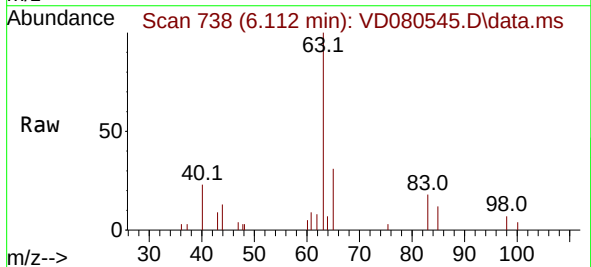
11/20/2025
 Supervised By :Mahesh
 Dadoda

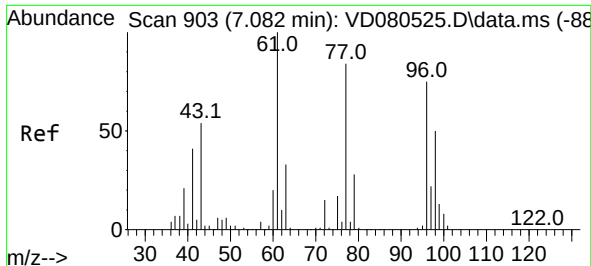
11/20/2025



#24
 1,1-Dichloroethane
 Concen: 3.556 ug/l
 RT: 6.112 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD080545.D
 Acq: 19 Nov 2025 12:01

Tgt Ion: 63 Resp: 19132
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.0 2.0 6.0





#25
2-Butanone
Concen: 18.752 ug/l
RT: 7.088 min Scan# 904
Delta R.T. 0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025

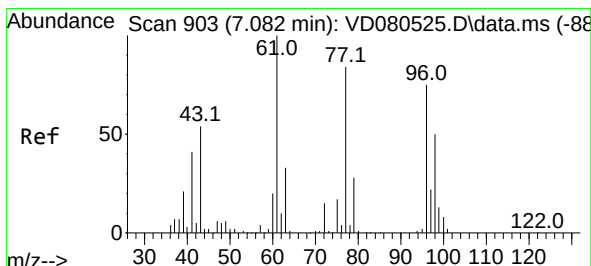
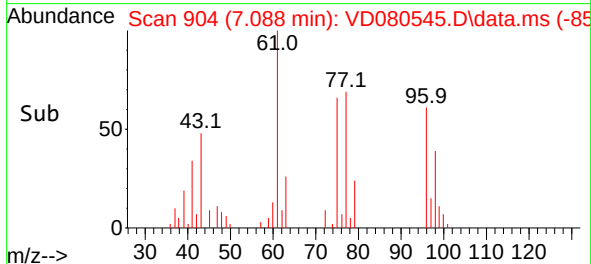
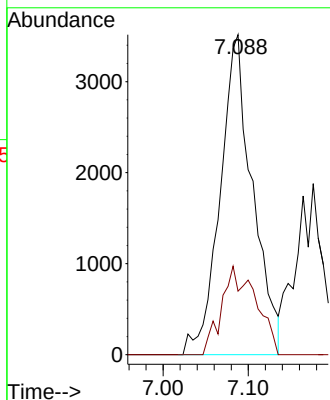
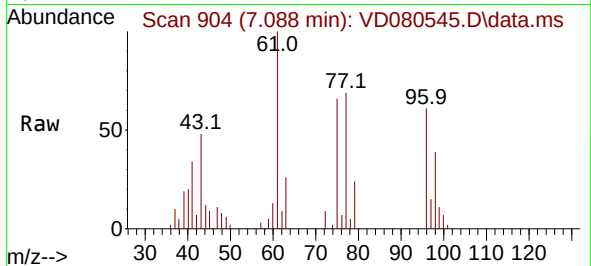
Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
72 19.9 22.6 34.0

Manual Integrations
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Reviewed By :Amit
Patel

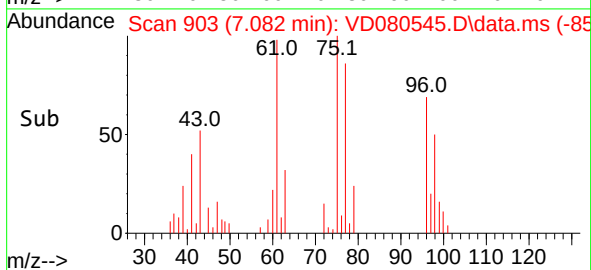
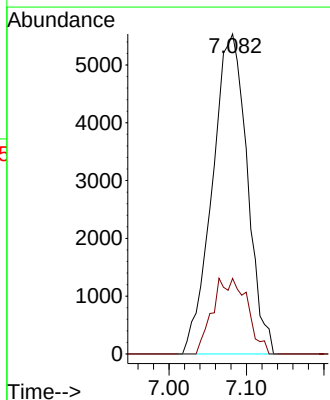
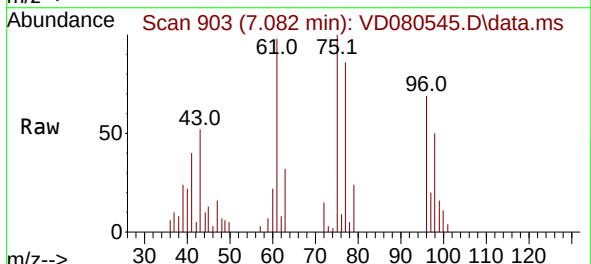
11/20/2025
Supervised By :Mahesh
Dadoda

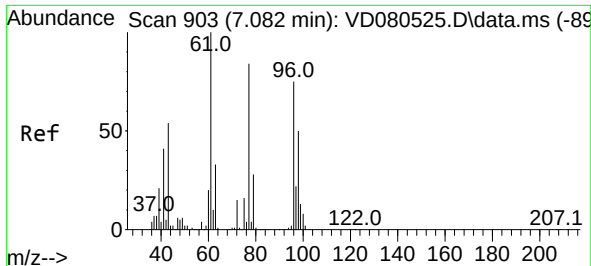
11/20/2025



#26
2,2-Dichloropropane
Concen: 3.735 ug/l
RT: 7.082 min Scan# 903
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

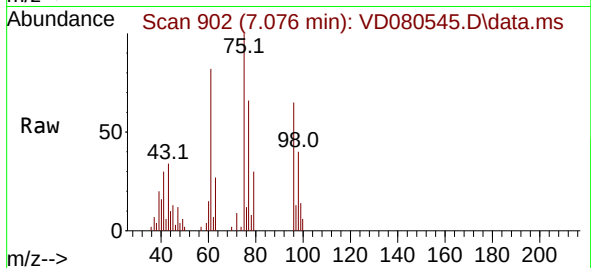
Tgt Ion: 77 Resp: 17285
Ion Ratio Lower Upper
77 100
97 11.5 12.4 37.4





#27
 cis-1,2-Dichloroethene
 Concen: 3.697 ug/l
 RT: 7.076 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VD080545.D
 Acq: 19 Nov 2025 12:01

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT4-2025



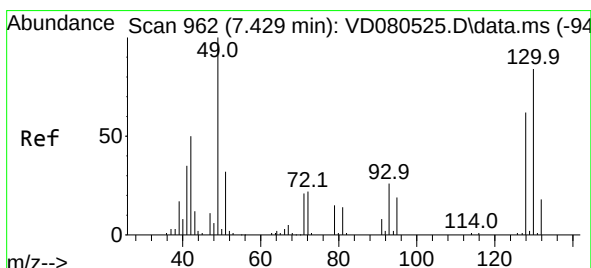
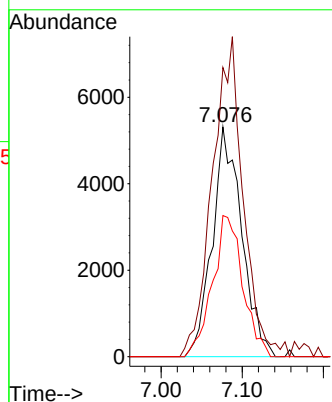
Tgt Ion: 96 Resp: 1339
 Ion Ratio Lower Upper
 96 100
 61 145.5 0.0 271.8
 98 63.2 0.0 130.6

Manual Integrations
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Reviewed By :Amit
 Patel

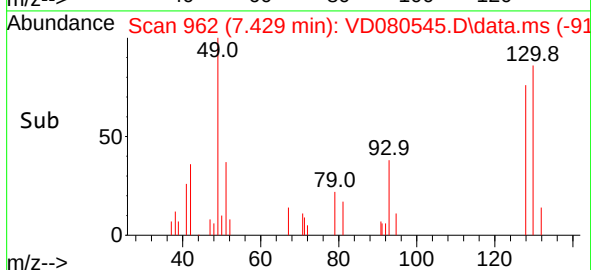
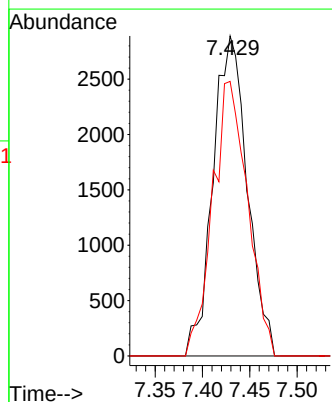
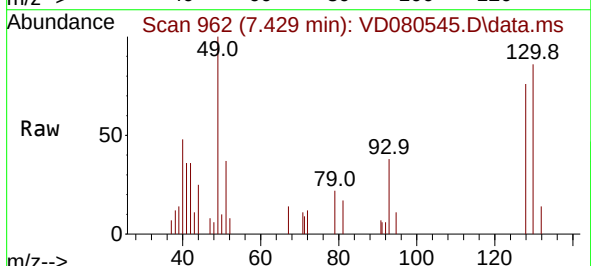
11/20/2025
 Supervised By :Mahesh
 Dadoda

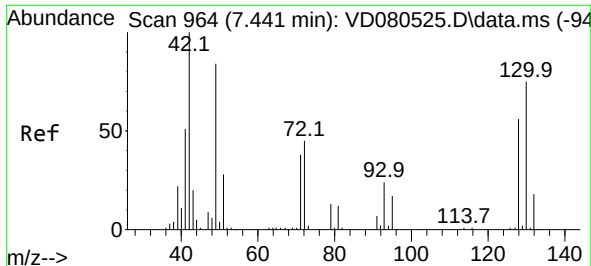
11/20/2025



#28
 Bromochloromethane
 Concen: 3.699 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.000 min
 Lab File: VD080545.D
 Acq: 19 Nov 2025 12:01

Tgt Ion: 49 Resp: 7283
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.4
 130 87.5 64.3 96.5





#29

Tetrahydrofuran

Concen: 17.892 ug/l

RT: 7.453 min Scan# 90

Delta R.T. 0.012 min

Lab File: VD080545.D

Acq: 19 Nov 2025 12:01

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT4-2025

Tgt Ion: 42	Resp: 5929
Ion Ratio	Lower Upper
42 100	
72 37.0	35.4 53.2
71 45.0	32.2 48.4

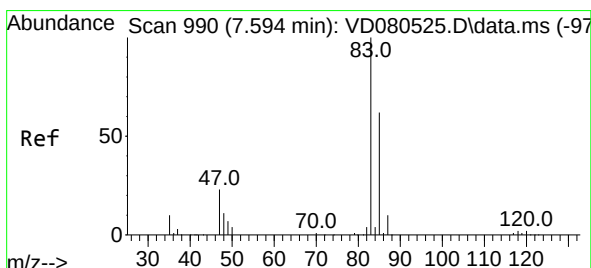
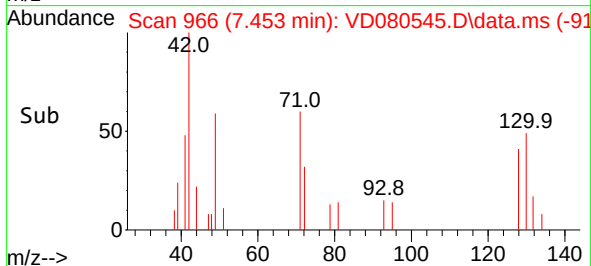
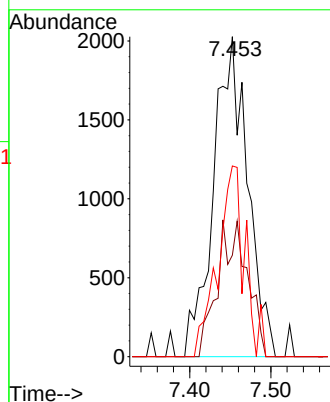
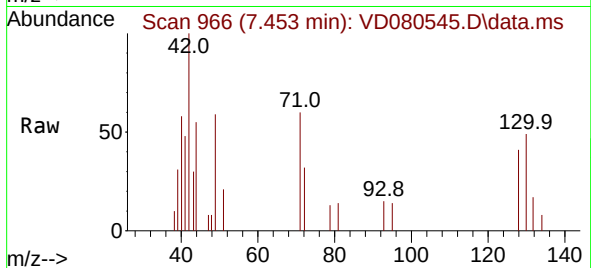
Manual Integrations
APPROVED

Reviewed By :Amit
Patel

11/20/2025

Supervised By :Mahesh
Dadoda

11/20/2025



#30

Chloroform

Concen: 3.826 ug/l

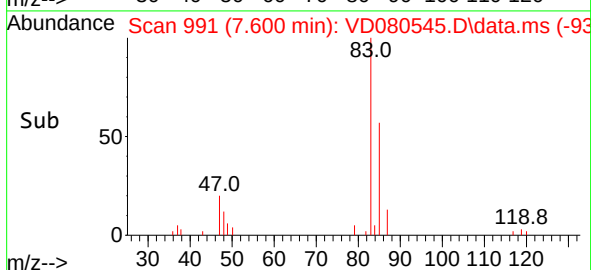
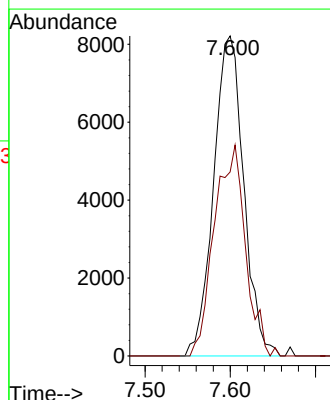
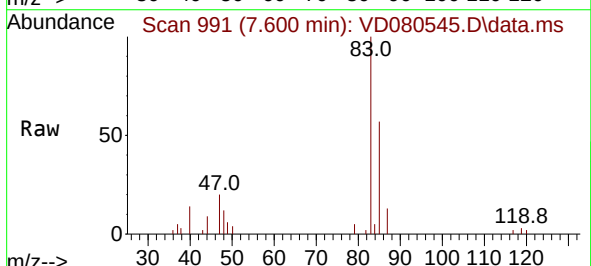
RT: 7.600 min Scan# 991

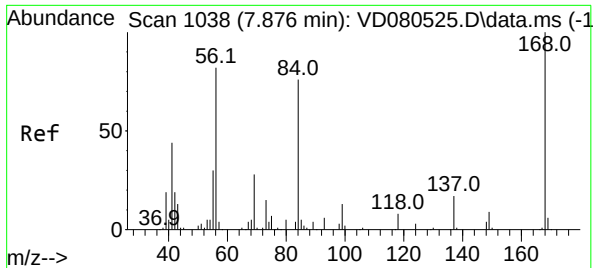
Delta R.T. 0.006 min

Lab File: VD080545.D

Acq: 19 Nov 2025 12:01

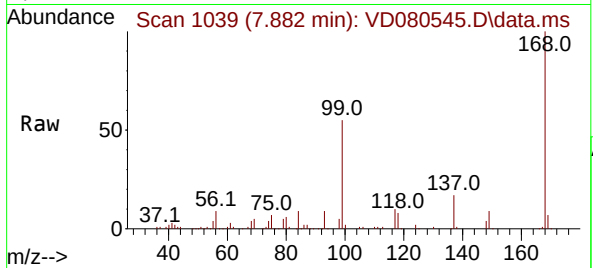
Tgt Ion: 83	Resp: 20187
Ion Ratio	Lower Upper
83 100	
85 57.5	49.8 74.8





#31
Cyclohexane
Concen: 4.395 ug/l
RT: 7.882 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



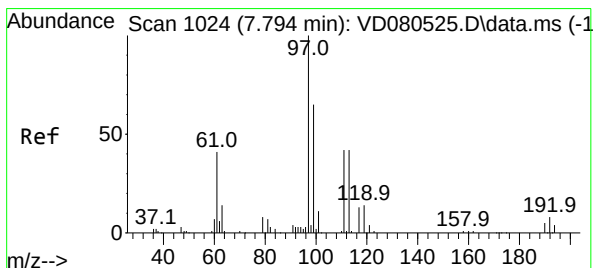
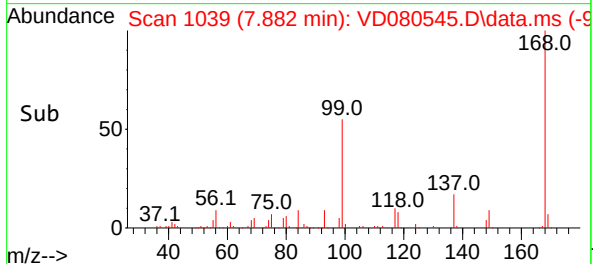
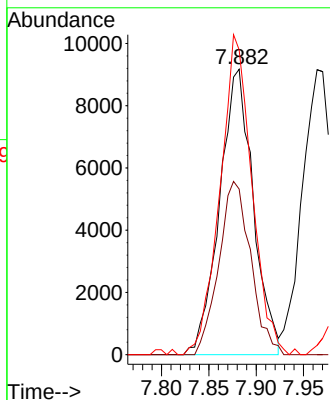
Tgt Ion: 56 Resp: 2265
Ion Ratio Lower Upper
56 100
69 58.0 27.6 41.4
84 106.8 74.6 111.8

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Reviewed By :Amit
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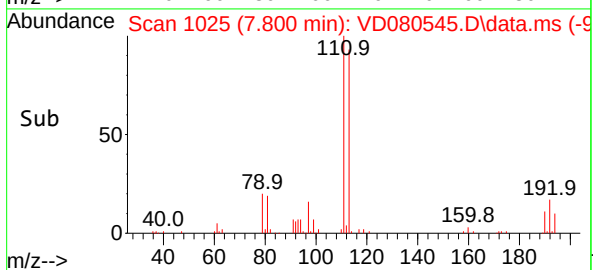
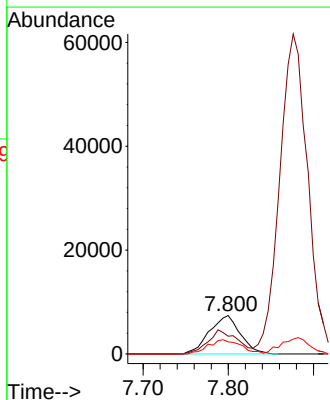
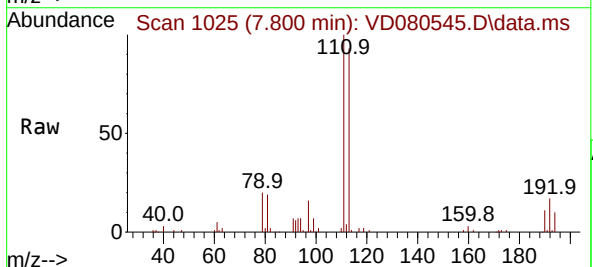
11/20/2025
Supervised By :Mahesh
Dadoda

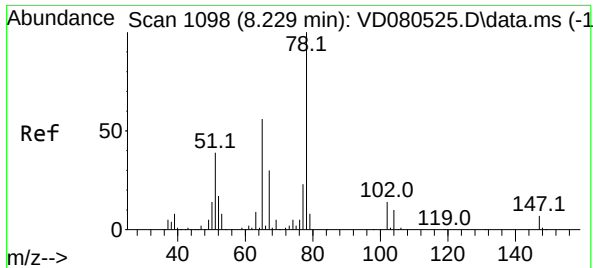
11/20/2025



#32
1,1,1-Trichloroethane
Concen: 4.012 ug/l
RT: 7.800 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

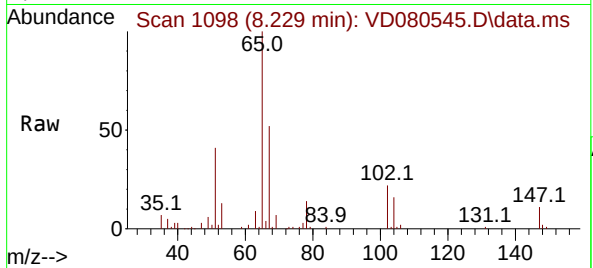
Tgt Ion: 97 Resp: 18594
Ion Ratio Lower Upper
97 100
99 59.9 50.4 75.6
61 38.9 32.8 49.2





#33
1,2-Dichloroethane-d4
Concen: 48.318 ug/l
RT: 8.229 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



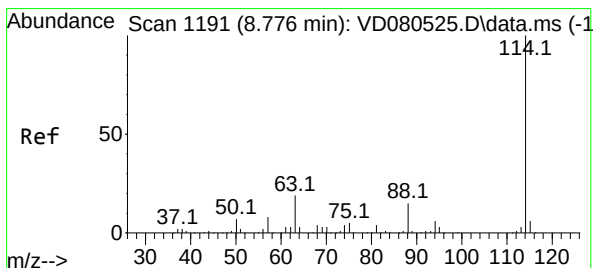
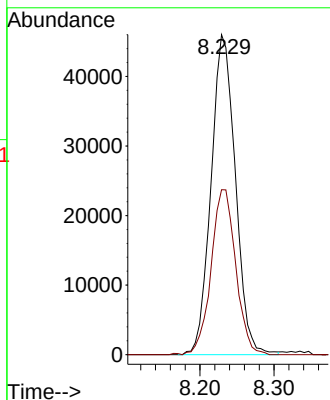
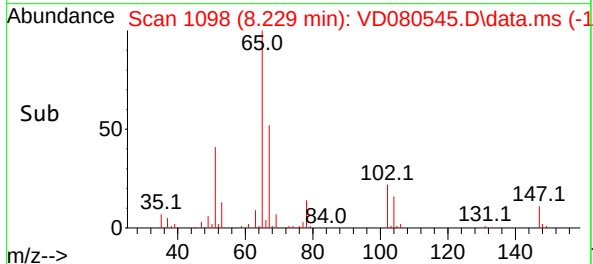
Tgt Ion: 65 Resp: 10484
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6

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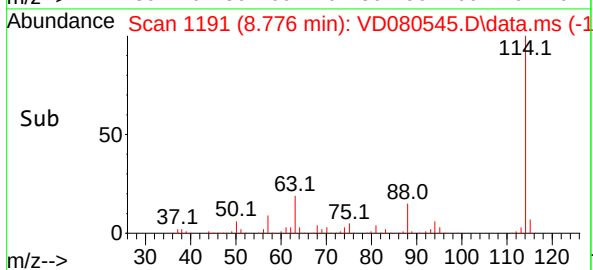
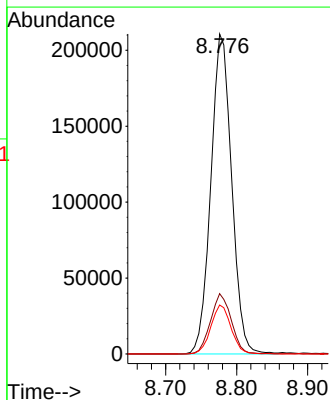
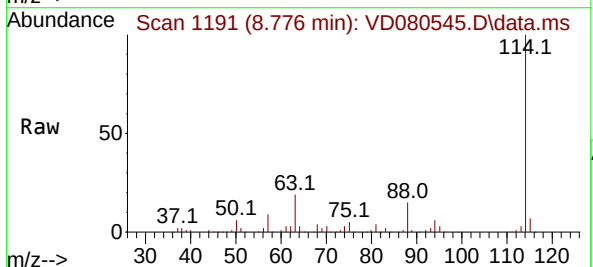
11/20/2025
Supervised By :Mahesh
Dadoda

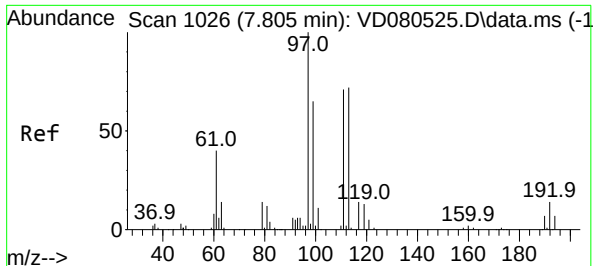
11/20/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.776 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

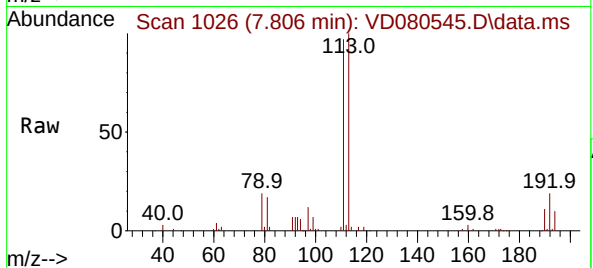
Tgt Ion:114 Resp: 428410
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.2
88 15.3 0.0 29.6





#35
Dibromofluoromethane
Concen: 48.333 ug/l
RT: 7.806 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



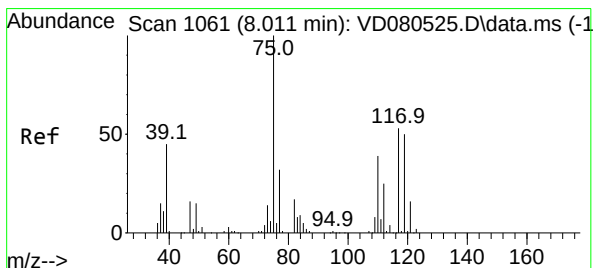
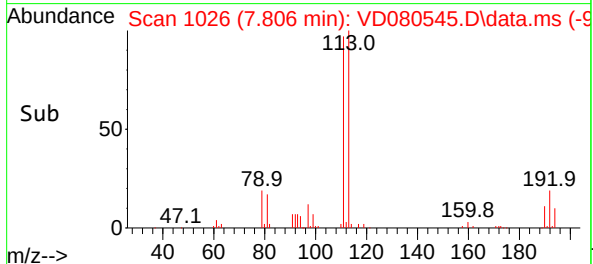
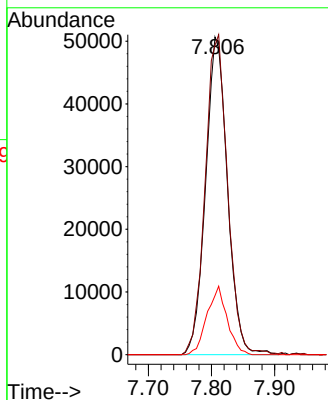
Tgt Ion:113 Resp: 12190
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.9 16.0 24.0

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Reviewed By :Amit
Patel

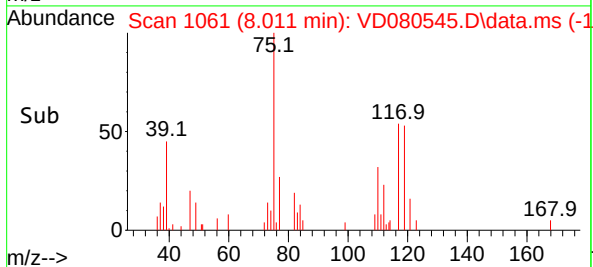
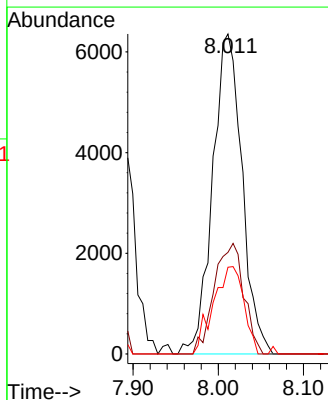
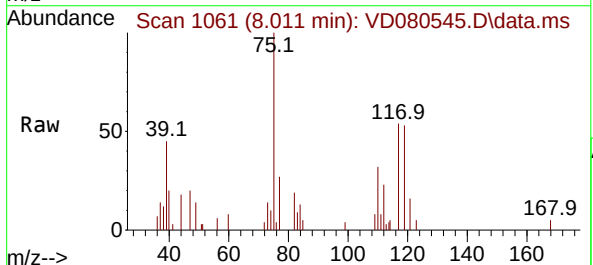
11/20/2025
Supervised By :Mahesh
Dadoda

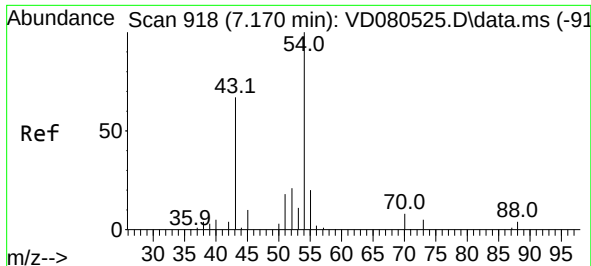
11/20/2025



#36
1,1-Dichloropropene
Concen: 3.911 ug/l
RT: 8.011 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

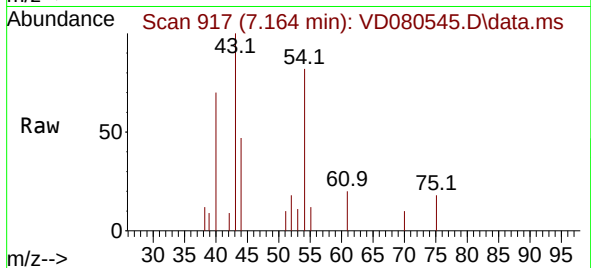
Tgt Ion: 75 Resp: 15250
Ion Ratio Lower Upper
75 100
110 34.9 18.9 56.5
77 28.2 25.8 38.8





#37
Ethyl Acetate
Concen: 1.107 ug/l
RT: 7.164 min Scan# 917
Delta R.T. -0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2025



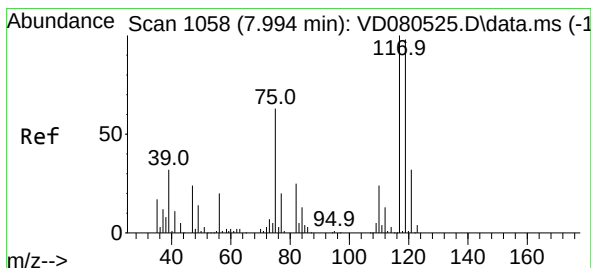
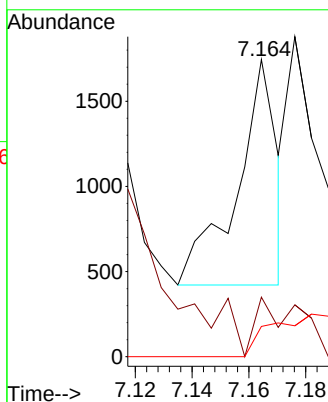
Tgt Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9
70 28.3 8.2 12.2

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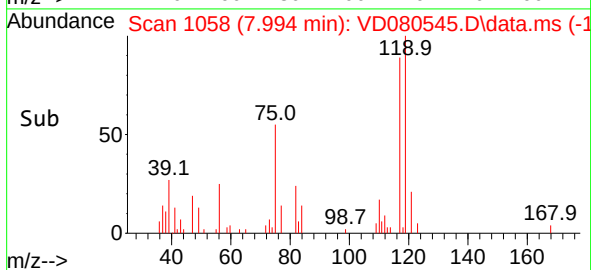
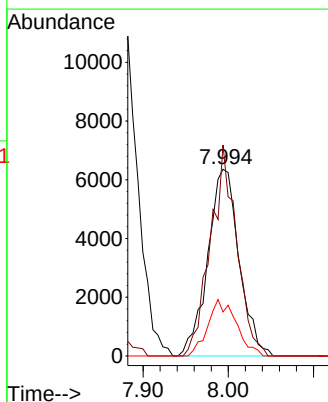
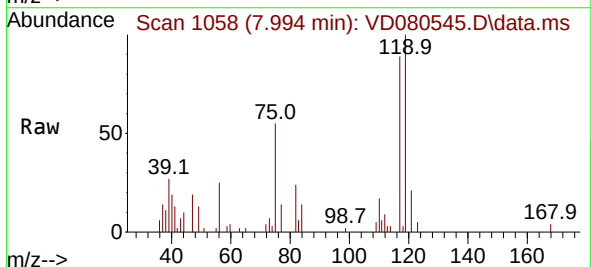
11/20/2025
Supervised By :Mahesh
Dadoda

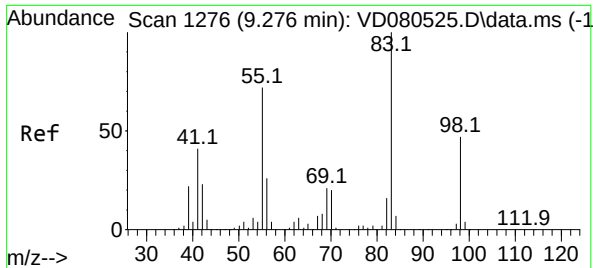
11/20/2025



#38
Carbon Tetrachloride
Concen: 4.153 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Tgt Ion:117 Resp: 16270
Ion Ratio Lower Upper
117 100
119 112.9 78.2 117.4
121 23.5 25.8 38.6





#39

Methylcyclohexane

Concen: 3.836 ug/l

RT: 9.270 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VD080545.D

Acq: 19 Nov 2025 12:01

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT4-2025

Tgt Ion: 83	Resp: 1973
Ion Ratio	Lower Upper
83 100	
55 61.7	57.8 86.8
98 46.5	37.8 56.8

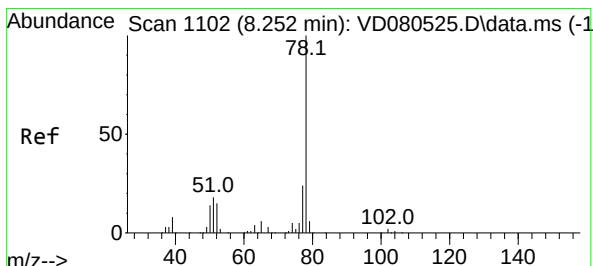
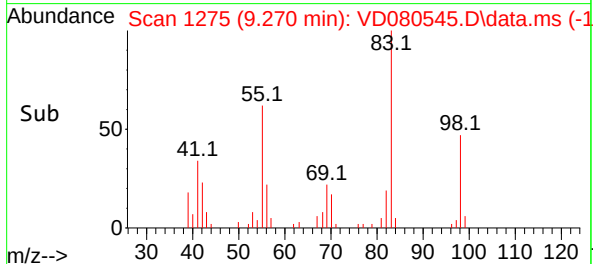
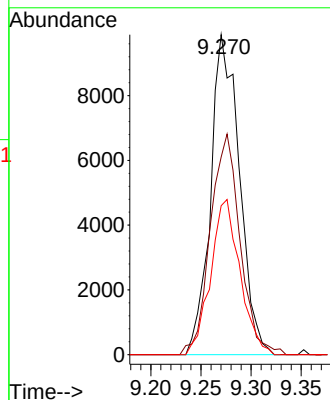
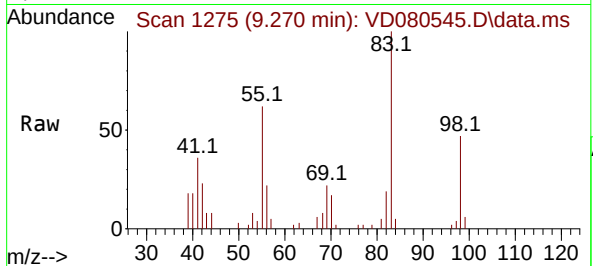
Manual Integrations
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Reviewed By :Amit
Patel

11/20/2025

Supervised By :Mahesh
Dadoda

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#40

Benzene

Concen: 3.779 ug/l

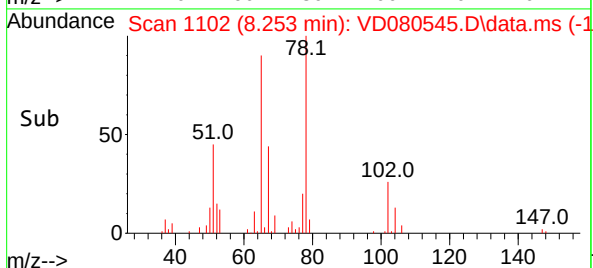
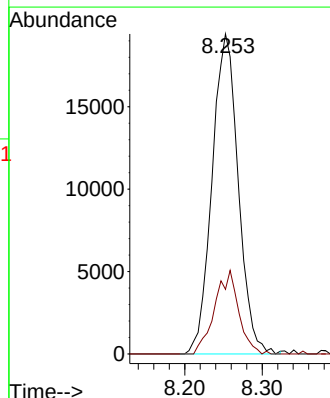
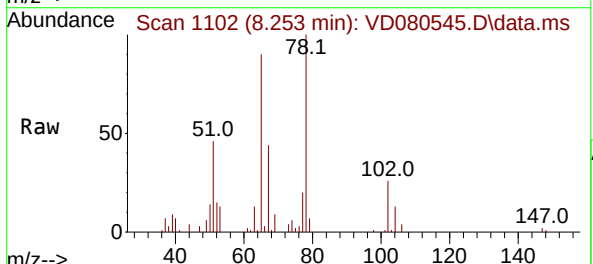
RT: 8.253 min Scan# 1102

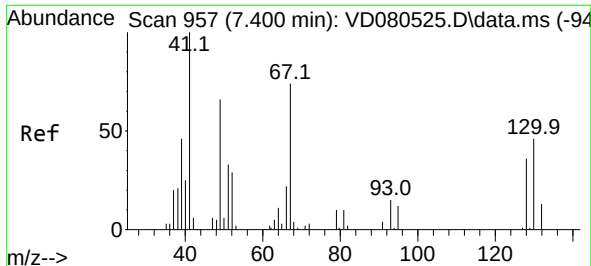
Delta R.T. 0.000 min

Lab File: VD080545.D

Acq: 19 Nov 2025 12:01

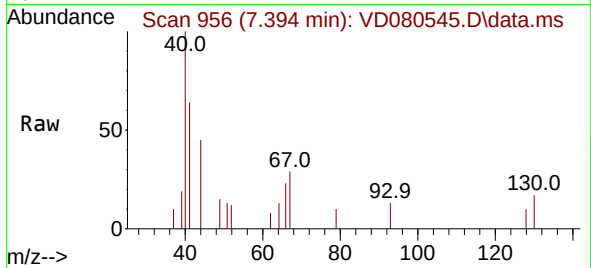
Tgt Ion: 78	Resp: 45626
Ion Ratio	Lower Upper
78 100	
77 20.2	19.3 28.9





#41
Methacrylonitrile
Concen: 3.014 ug/l m
RT: 7.394 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



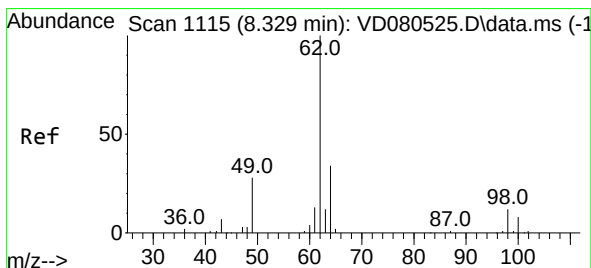
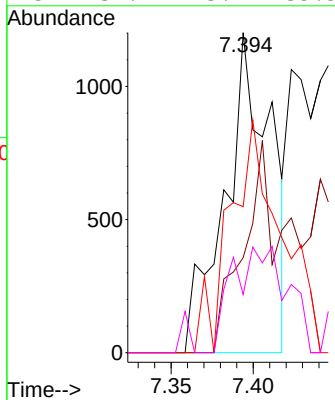
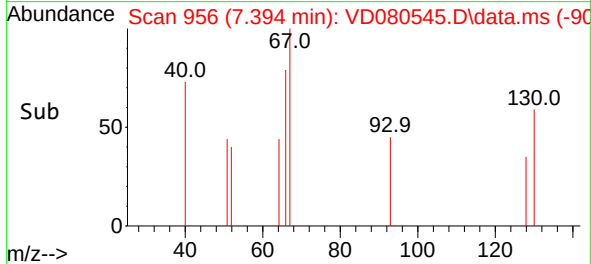
Tgt Ion: 41 Resp: 232
Ion Ratio Lower Upper
41 100
39 45.7 44.3 66.5
67 81.3 64.0 96.0
52 39.9 23.7 35.5#

Manual Integrations
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Reviewed By :Amit
Patel

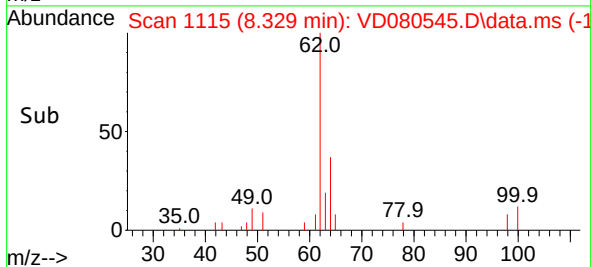
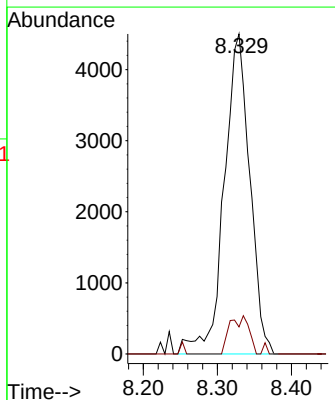
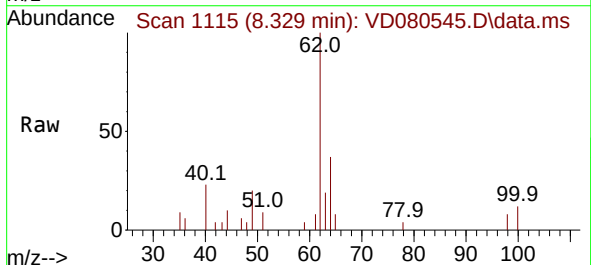
11/20/2025
Supervised By :Mahesh
Dadoda

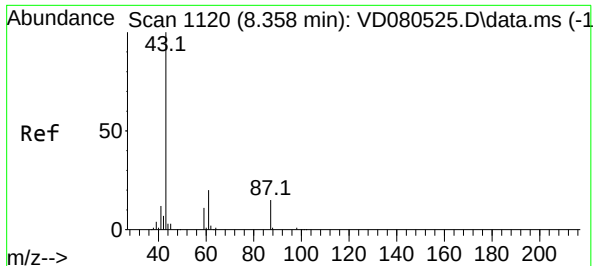
11/20/2025



#42
1,2-Dichloroethane
Concen: 4.299 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

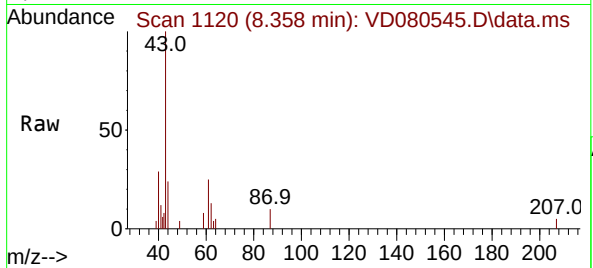
Tgt Ion: 62 Resp: 10831
Ion Ratio Lower Upper
62 100
98 8.9 0.0 22.8





#43
Isopropyl Acetate
Concen: 3.674 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



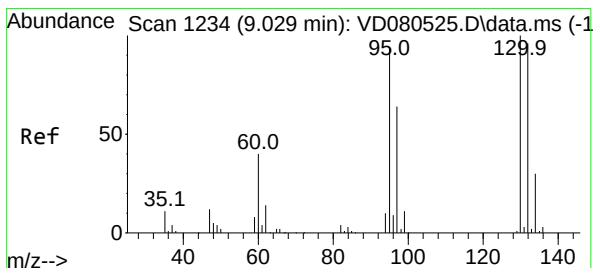
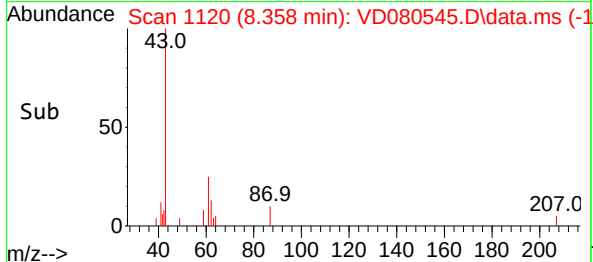
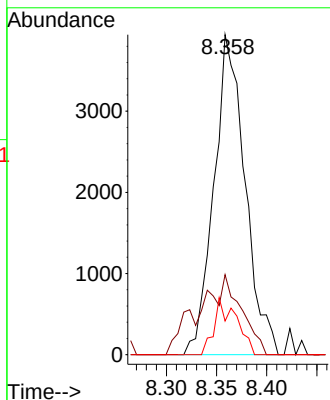
Tgt Ion: 43 Resp: 849
Ion Ratio Lower Upper
43 100
61 26.6 26.3 39.5
87 12.7 11.1 16.7

Manual Integrations
APPROVED

Reviewed By :Amit
Patel

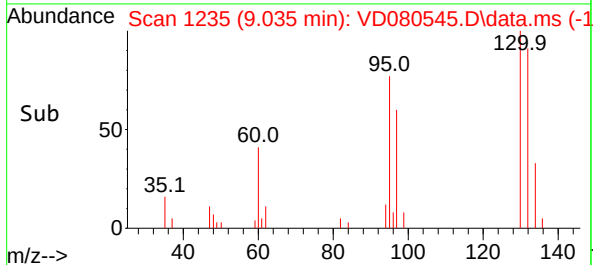
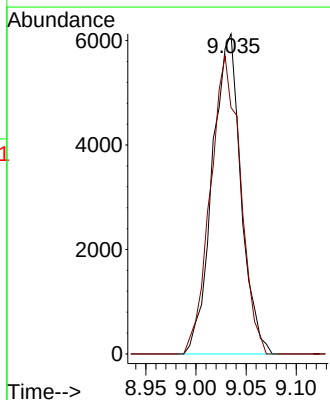
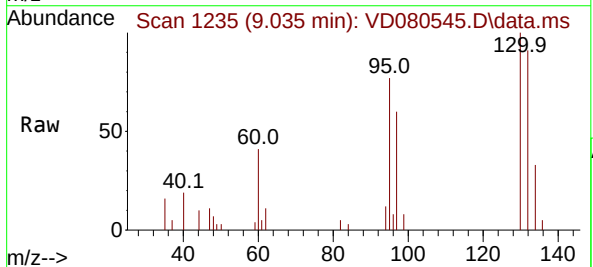
11/20/2025
Supervised By :Mahesh
Dadoda

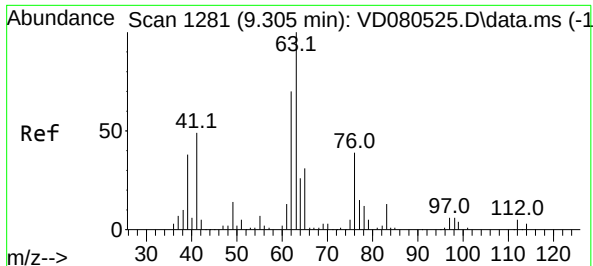
11/20/2025



#44
Trichloroethene
Concen: 3.973 ug/l
RT: 9.035 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Tgt Ion:130 Resp: 12126
Ion Ratio Lower Upper
130 100
95 77.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 3.881 ug/l

RT: 9.300 min Scan# 1280

Delta R.T. -0.006 min

Lab File: VD080545.D

Acq: 19 Nov 2025 12:01

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT4-2025

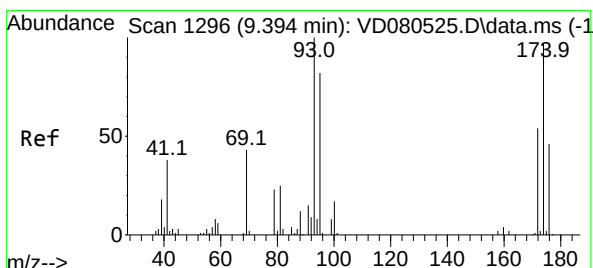
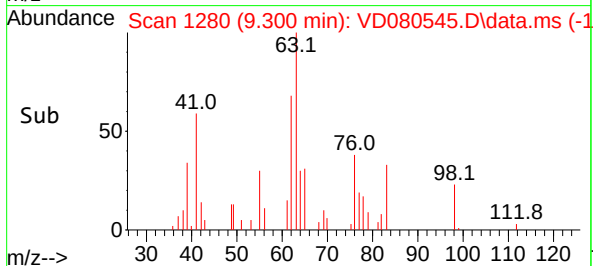
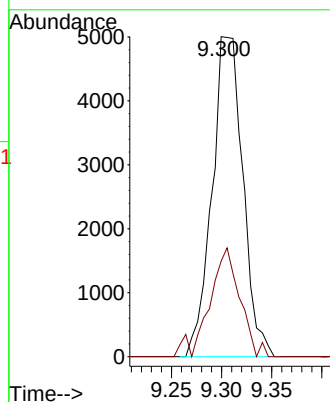
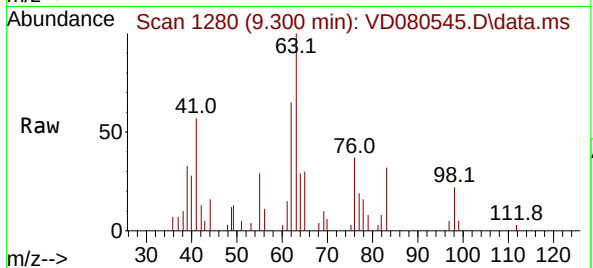
Tgt Ion: 63 Resp: 10720
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.9 37.3

Manual Integrations
 APPROVED

Reviewed By :Amit
 Patel

11/20/2025
 Supervised By :Mahesh
 Dadoda

11/20/2025



#46

Dibromomethane

Concen: 4.060 ug/l

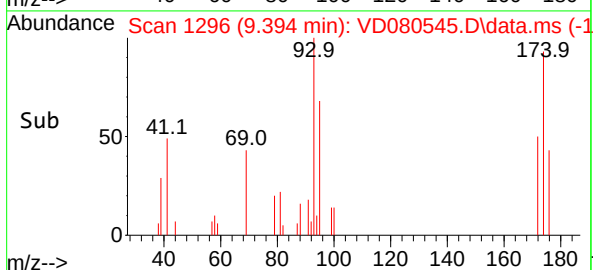
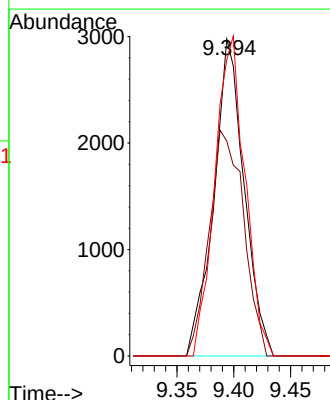
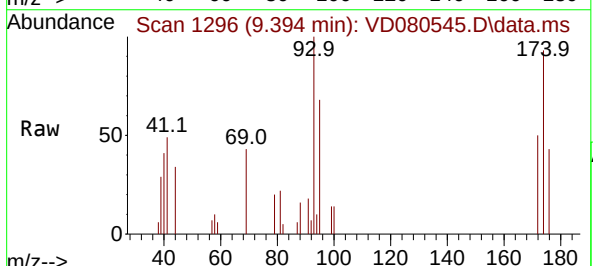
RT: 9.394 min Scan# 1296

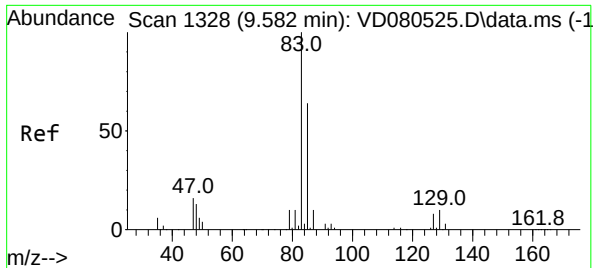
Delta R.T. 0.000 min

Lab File: VD080545.D

Acq: 19 Nov 2025 12:01

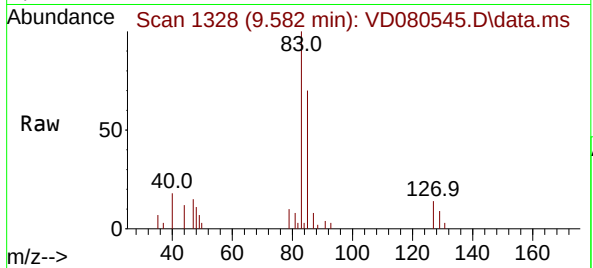
Tgt Ion: 93 Resp: 5536
 Ion Ratio Lower Upper
 93 100
 95 80.4 68.2 102.2
 174 100.0 79.5 119.3





#47
Bromodichloromethane
Concen: 3.776 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2025



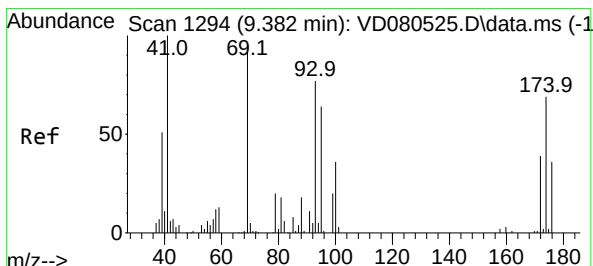
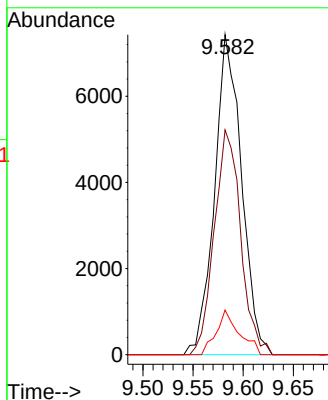
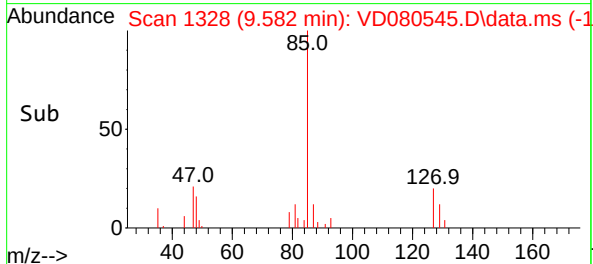
Tgt Ion: 83 Resp: 1390
Ion Ratio Lower Upper
83 100
85 70.3 51.0 76.6
127 14.0 6.5 9.7

Manual Integrations
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Reviewed By :Amit
Patel

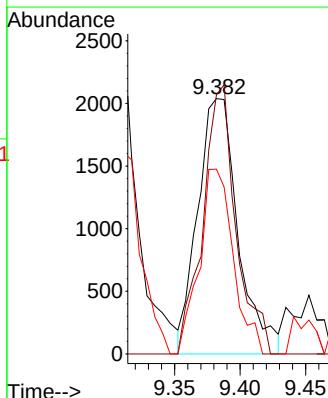
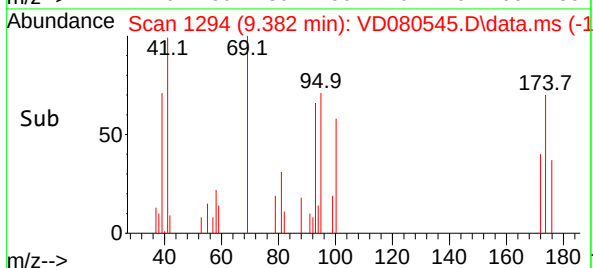
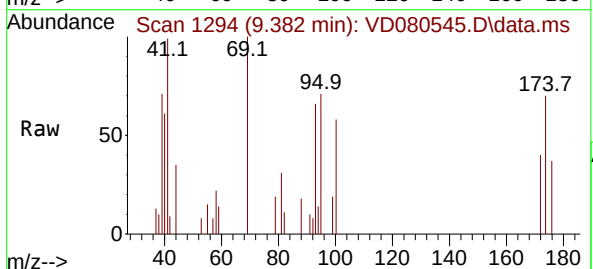
11/20/2025
Supervised By :Mahesh
Dadoda

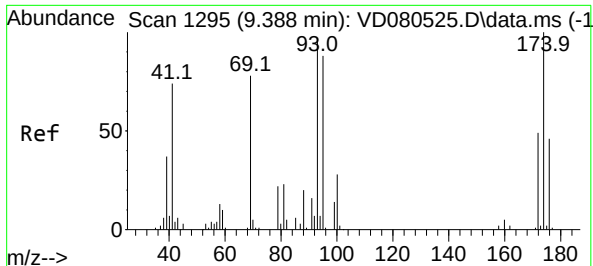
11/20/2025



#48
Methyl methacrylate
Concen: 3.798 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Tgt Ion: 41 Resp: 4361
Ion Ratio Lower Upper
41 100
69 86.6 74.5 111.7
39 60.9 40.6 61.0





#49

1,4-Dioxane

Concen: 71.838 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.006 min

Lab File: VD080545.D

Acq: 19 Nov 2025 12:01

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT4-2025

Tgt Ion: 88 Resp: 911
 Ion Ratio Lower Upper
 88 100
 43 0.0 28.0 42.0
 58 66.6 52.7 79.1

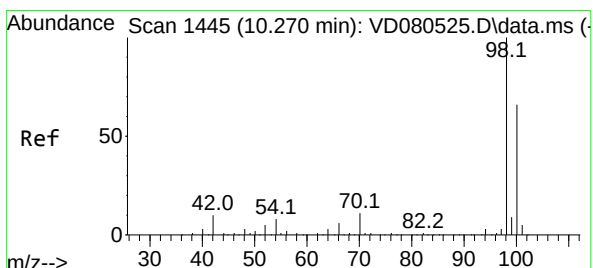
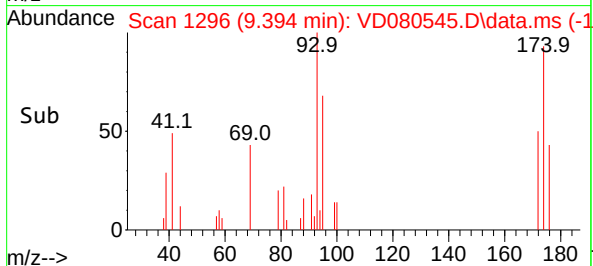
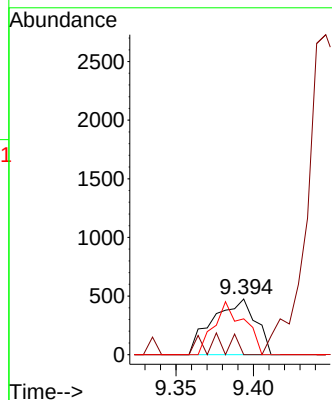
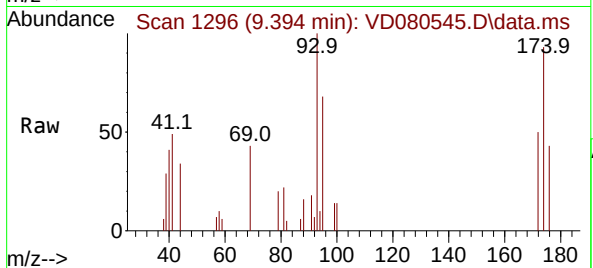
Manual Integrations
 APPROVED

Reviewed By :Amit
 Patel

11/20/2025

Supervised By :Mahesh
 Dadoda

11/20/2025



#50

Toluene-d8

Concen: 47.879 ug/l

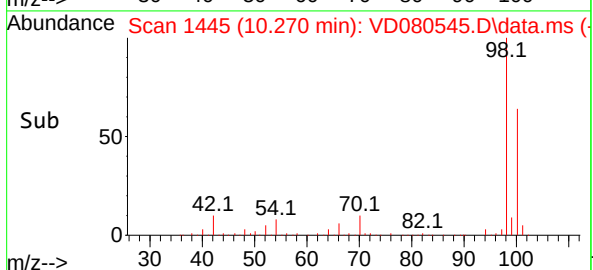
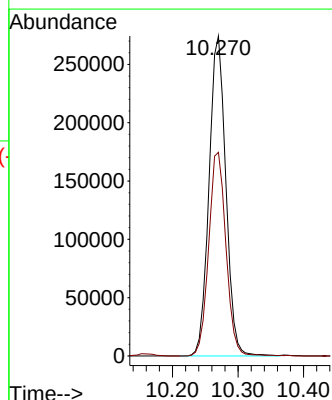
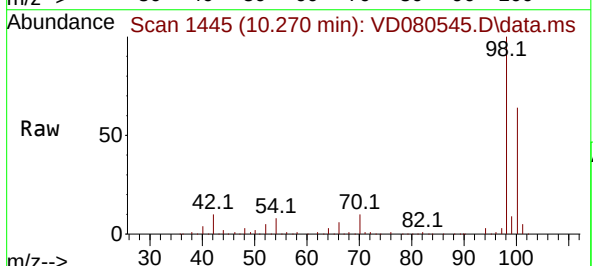
RT: 10.270 min Scan# 1445

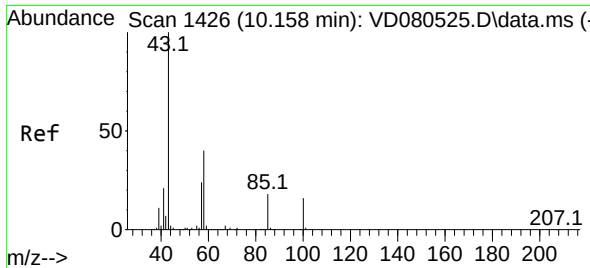
Delta R.T. 0.000 min

Lab File: VD080545.D

Acq: 19 Nov 2025 12:01

Tgt Ion: 98 Resp: 488516
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 17.931 ug/l
RT: 10.152 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025

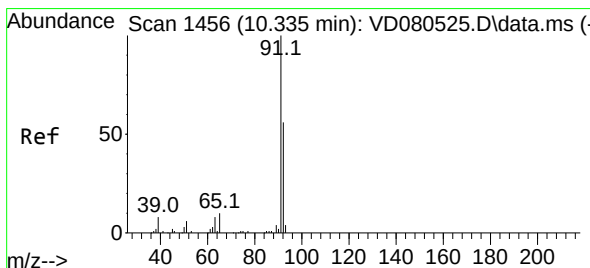
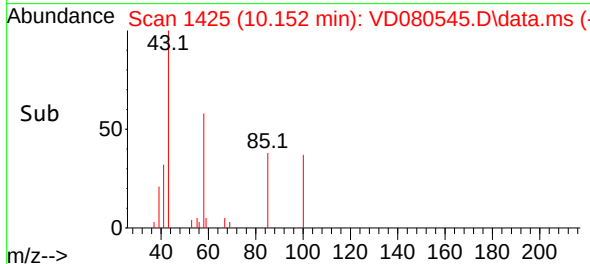
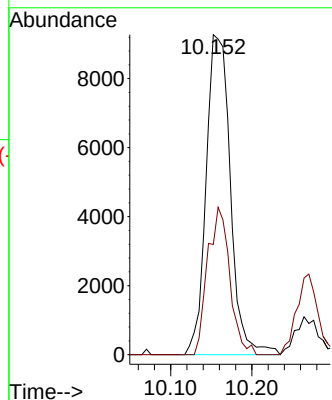
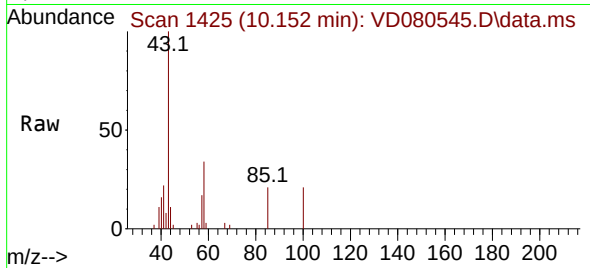
Tgt Ion: 43 Resp: 19240
Ion Ratio Lower Upper
43 100
58 42.0 32.8 49.2

Manual Integrations
APPROVED

Reviewed By :Amit
Patel

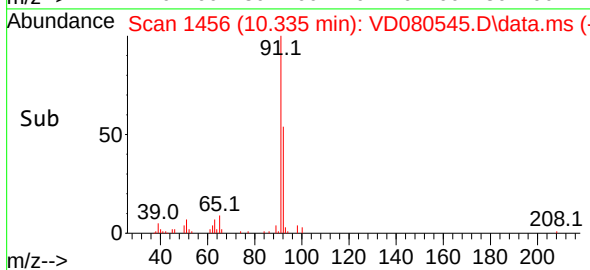
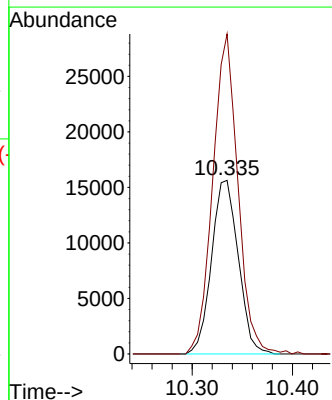
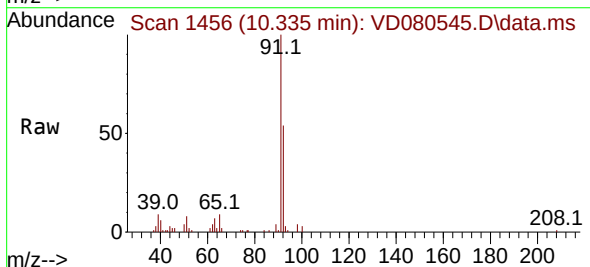
11/20/2025
Supervised By :Mahesh
Dadoda

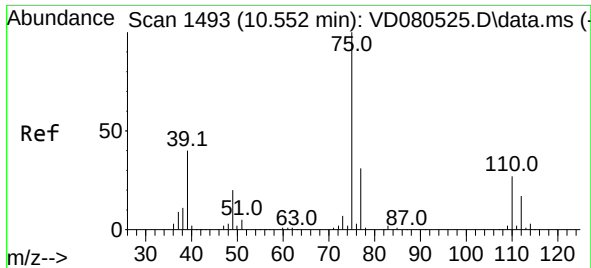
11/20/2025



#52
Toluene
Concen: 3.796 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

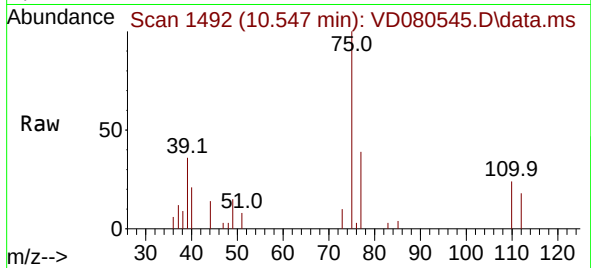
Tgt Ion: 92 Resp: 28979
Ion Ratio Lower Upper
92 100
91 173.4 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 3.459 ug/l
RT: 10.547 min Scan# 1492
Delta R.T. -0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2025



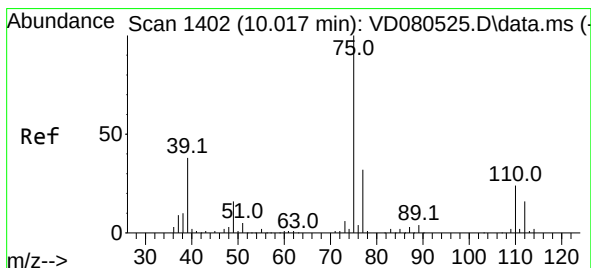
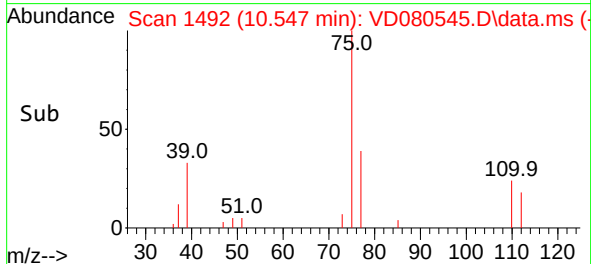
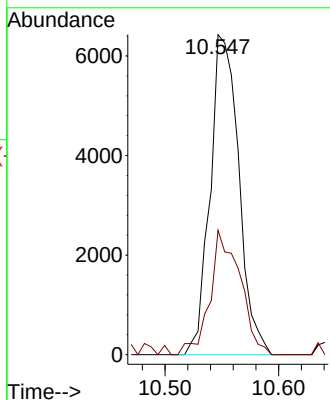
Tgt Ion: 75 Resp: 1128
Ion Ratio Lower Upper
75 100
77 38.9 24.7 37.1

Manual Integrations
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Reviewed By :Amit
Patel

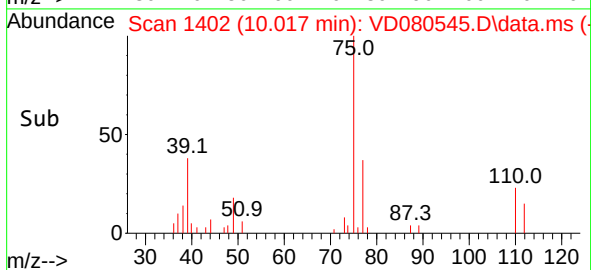
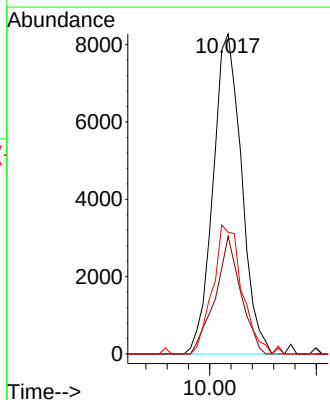
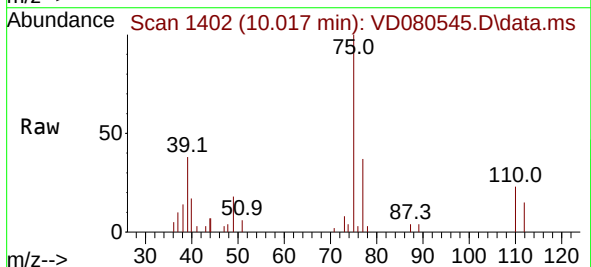
11/20/2025
Supervised By :Mahesh
Dadoda

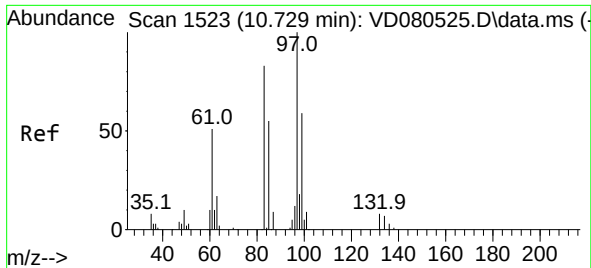
11/20/2025



#54
cis-1,3-Dichloropropene
Concen: 3.649 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

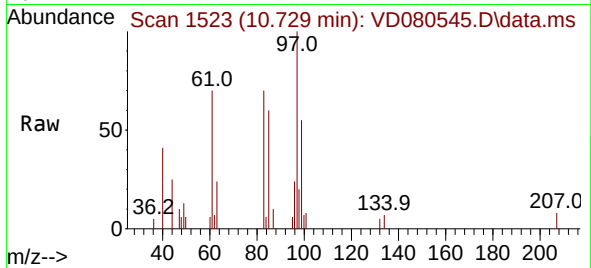
Tgt Ion: 75 Resp: 15354
Ion Ratio Lower Upper
75 100
77 36.8 25.8 38.6
39 38.1 30.7 46.1





#55
1,1,2-Trichloroethane
Concen: 3.966 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2025



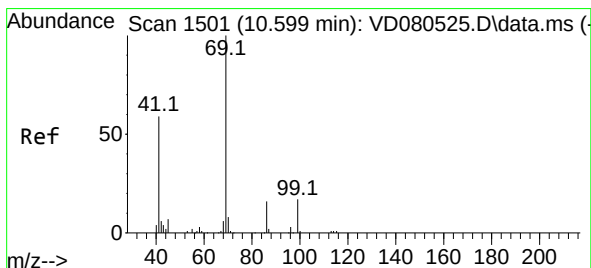
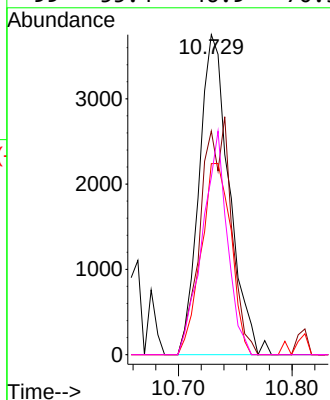
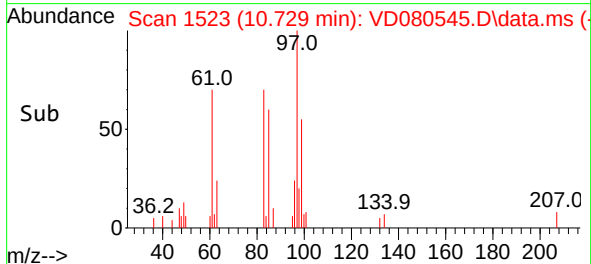
Tgt Ion	Ratio	Lower	Upper
97	100		
83	69.9	66.3	99.5
85	59.7	43.8	65.8
99	55.4	46.9	70.3

Manual Integrations
APPROVED

Reviewed By :Amit
Patel

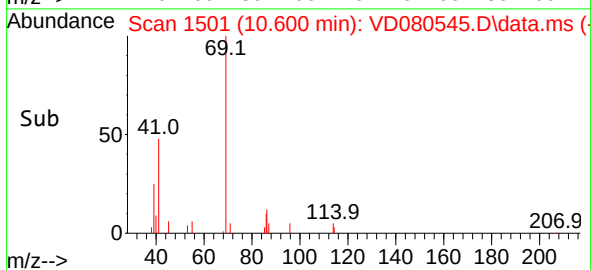
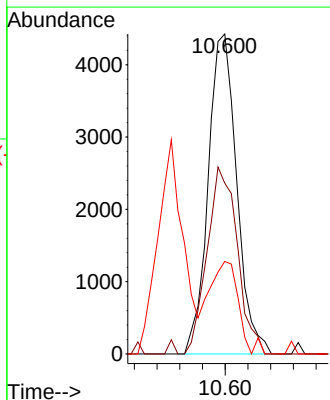
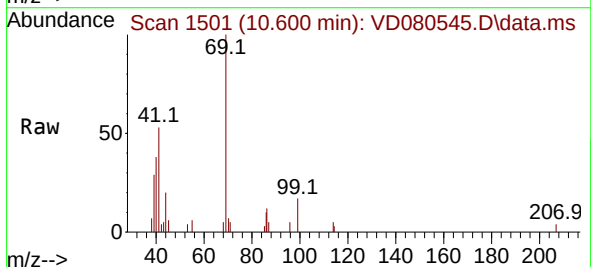
11/20/2025
Supervised By :Mahesh
Dadoda

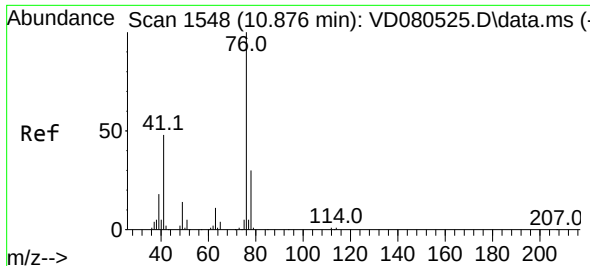
11/20/2025



#56
Ethyl methacrylate
Concen: 3.844 ug/l
RT: 10.600 min Scan# 1501
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.8	49.6	74.4
39	30.0	23.5	35.3





#57

1,3-Dichloropropane

Concen: 3.644 ug/l

RT: 10.876 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD080545.D

Acq: 19 Nov 2025 12:01

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT4-2025

Tgt Ion: 76 Resp: 1108

Ion Ratio Lower Upper

76 100

78 34.9 25.8 38.8

Manual Integrations

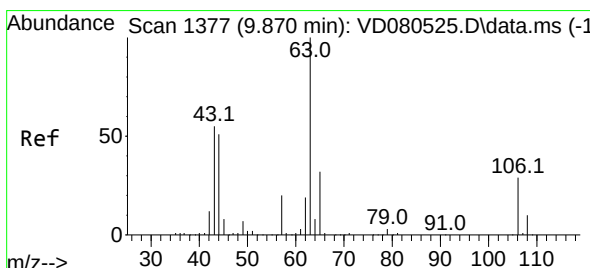
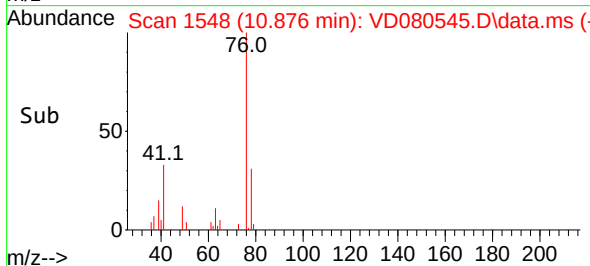
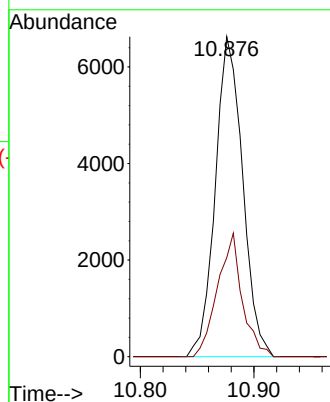
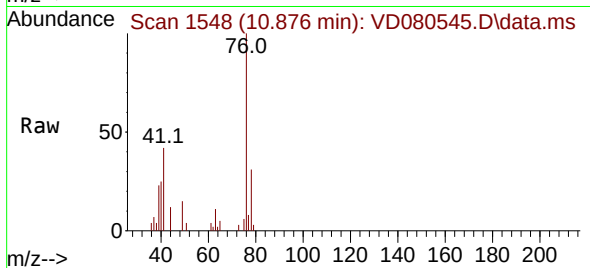
APPROVED

Reviewed By :Amit
Patel

11/20/2025

Supervised By :Mahesh
Dadoda

11/20/2025



#58

2-Chloroethyl Vinyl ether

Concen: 17.949 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080545.D

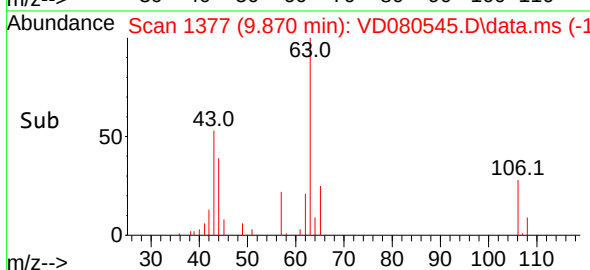
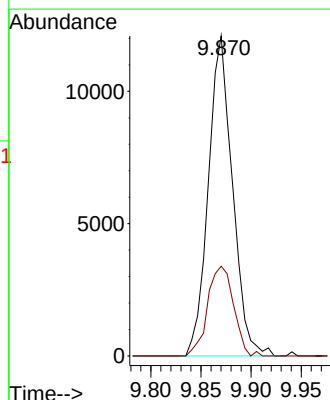
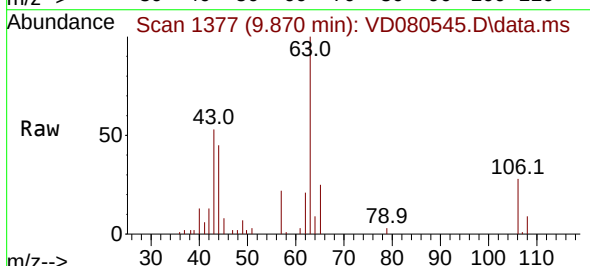
Acq: 19 Nov 2025 12:01

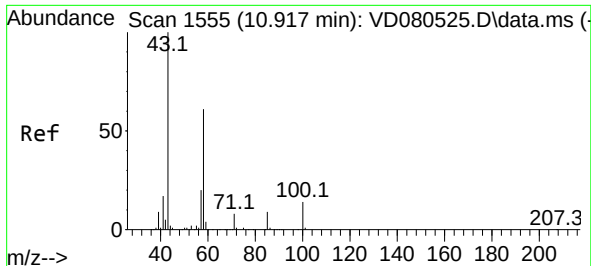
Tgt Ion: 63 Resp: 20268

Ion Ratio Lower Upper

63 100

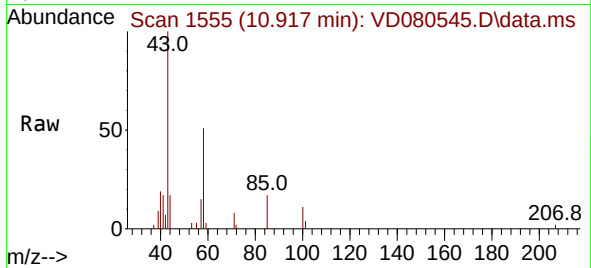
106 30.1 22.6 33.8





#59
2-Hexanone
Concen: 17.904 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



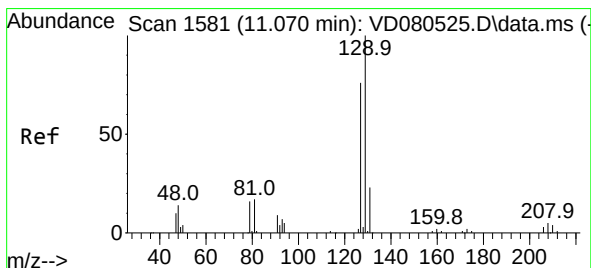
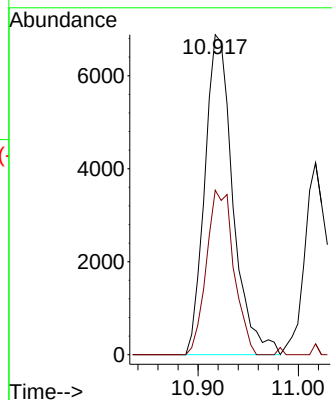
Tgt Ion: 43 Resp: 13434
Ion Ratio Lower Upper
43 100
58 50.1 29.6 88.9

Manual Integrations
APPROVED

Reviewed By :Amit
Patel

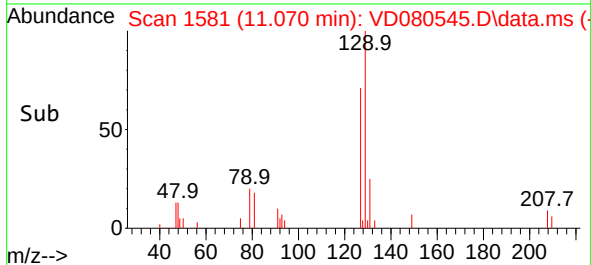
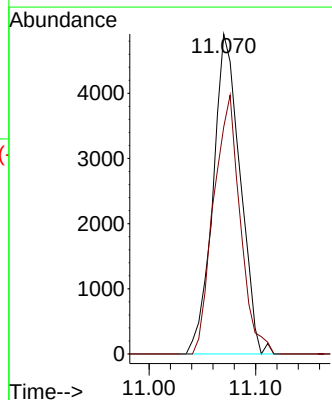
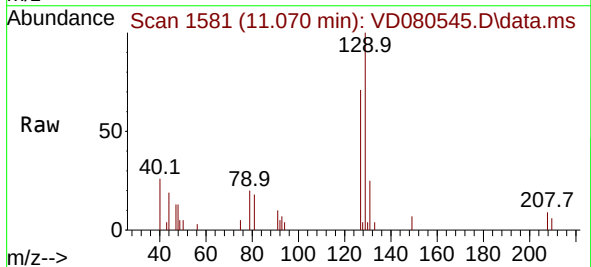
11/20/2025
Supervised By :Mahesh
Dadoda

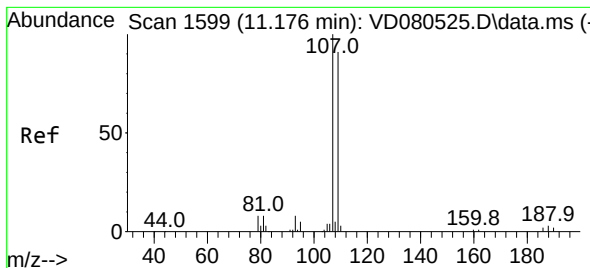
11/20/2025



#60
Dibromochloromethane
Concen: 3.743 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

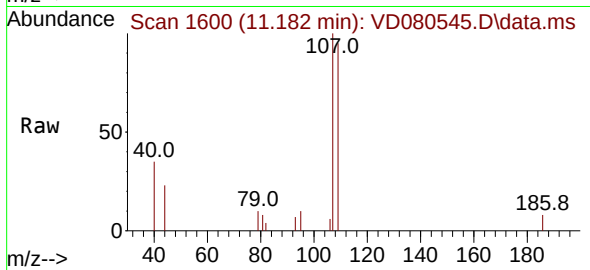
Tgt Ion:129 Resp: 8674
Ion Ratio Lower Upper
129 100
127 79.4 38.3 114.9





#61
1,2-Dibromoethane
Concen: 3.758 ug/l
RT: 11.182 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



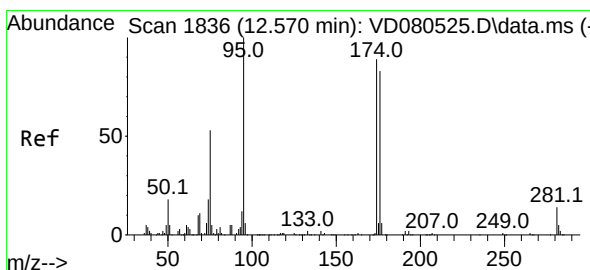
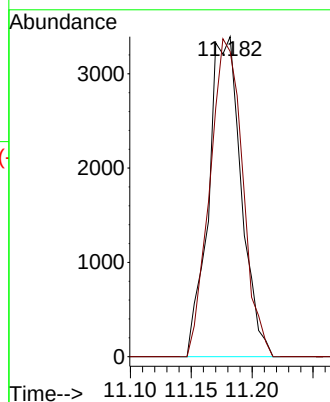
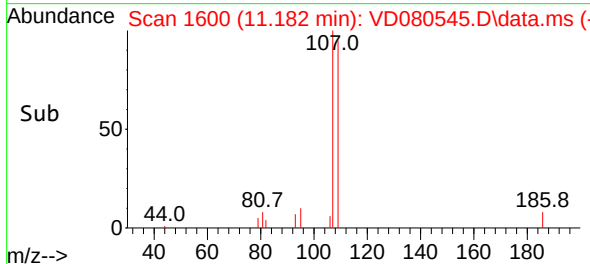
Tgt Ion:107 Resp: 630
Ion Ratio Lower Upper
107 100
109 100.2 74.2 111.4

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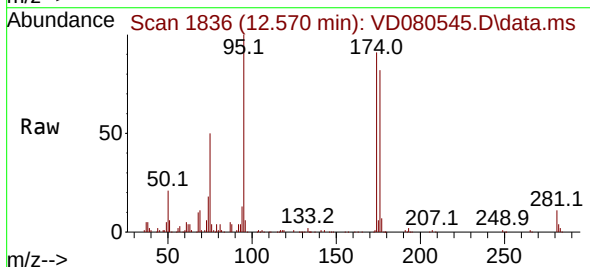
Reviewed By :Amit
Patel

11/20/2025
Supervised By :Mahesh
Dadoda

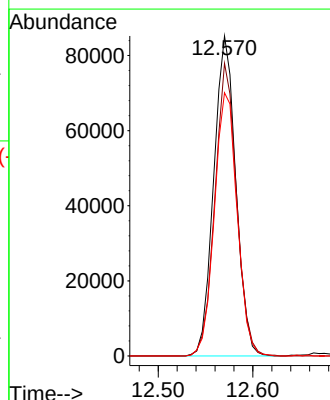
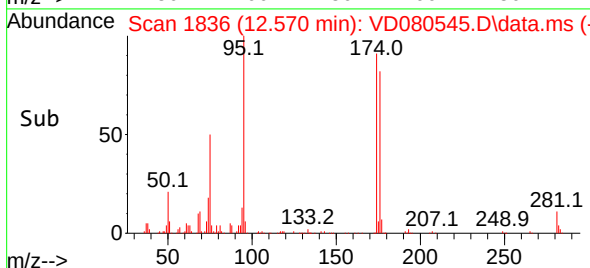
11/20/2025

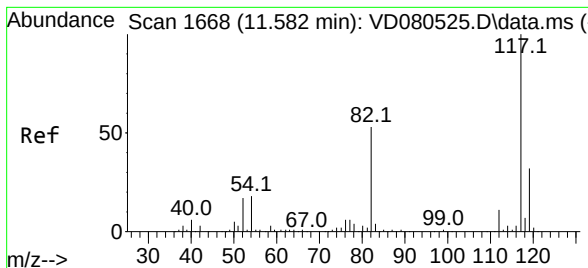


#62
4-Bromofluorobenzene
Concen: 47.073 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01



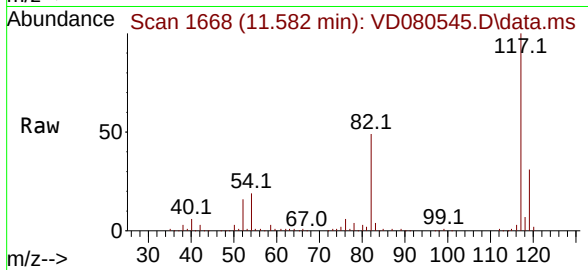
Tgt Ion: 95 Resp: 138079
Ion Ratio Lower Upper
95 100
174 90.1 0.0 179.4
176 84.9 0.0 168.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



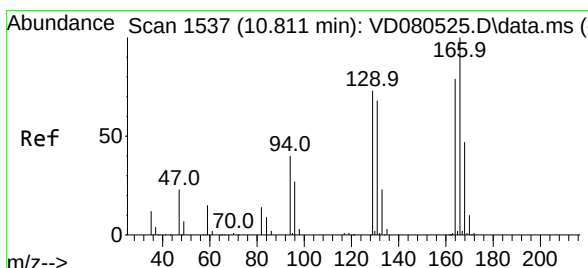
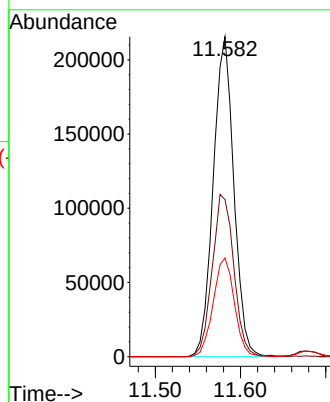
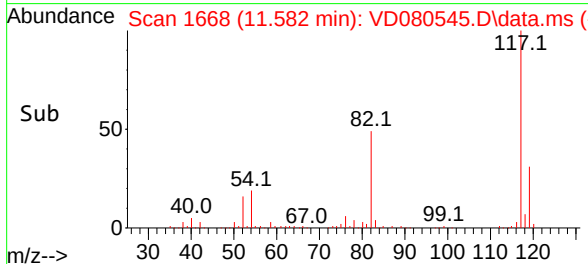
Tgt Ion:117 Resp: 362815
Ion Ratio Lower Upper
117 100
82 49.1 42.1 63.1
119 30.9 25.4 38.2

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Reviewed By :Amit
Patel

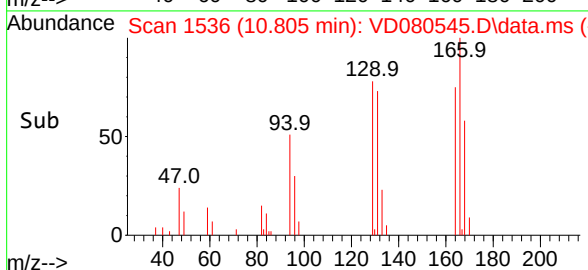
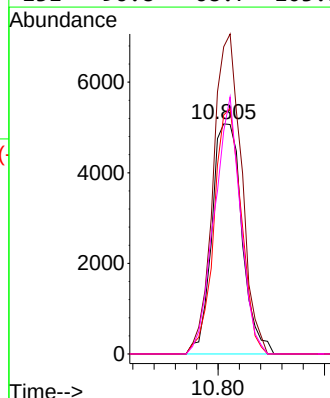
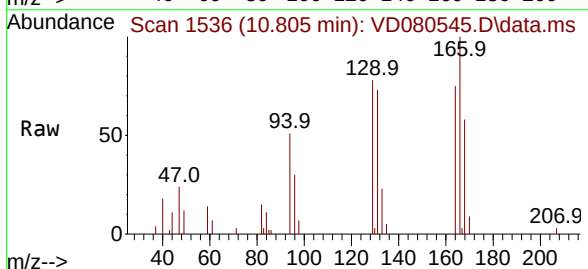
11/20/2025
Supervised By :Mahesh
Dadoda

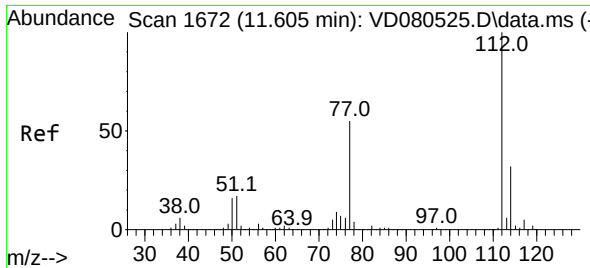
11/20/2025



#64
Tetrachloroethene
Concen: 3.814 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

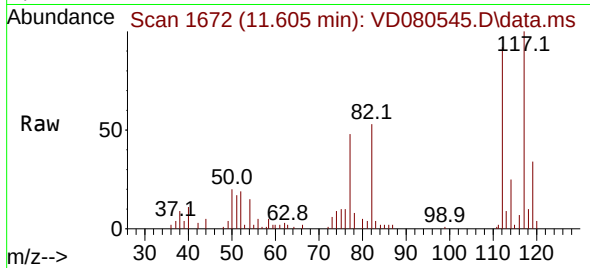
Tgt Ion:164 Resp: 9955
Ion Ratio Lower Upper
164 100
166 133.5 101.2 151.8
129 103.8 74.0 111.0
131 96.8 68.7 103.1





#65
Chlorobenzene
Concen: 3.716 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



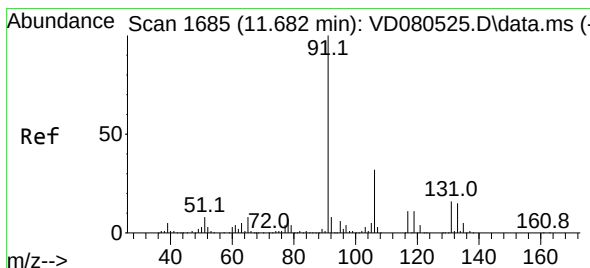
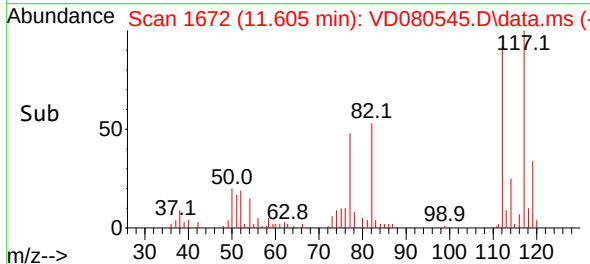
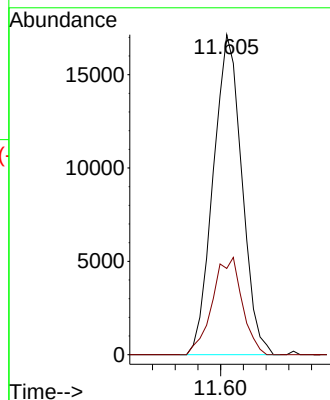
Tgt Ion:112 Resp: 3002
Ion Ratio Lower Upper
112 100
114 26.9 25.4 38.0

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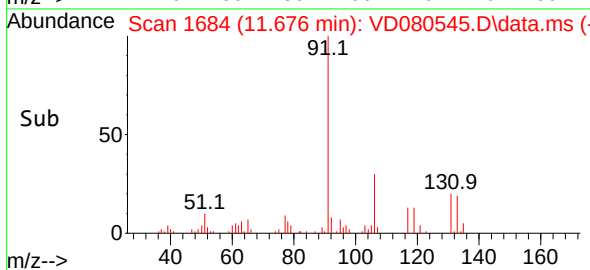
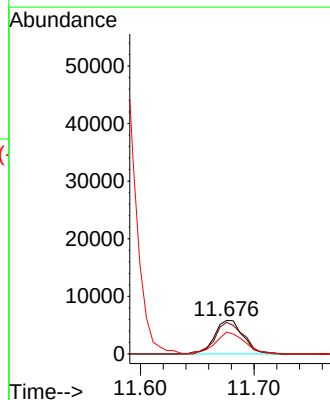
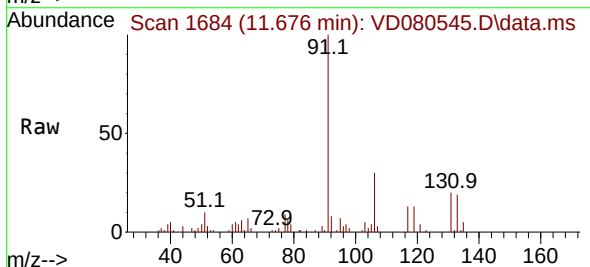
11/20/2025
Supervised By :Mahesh
Dadoda

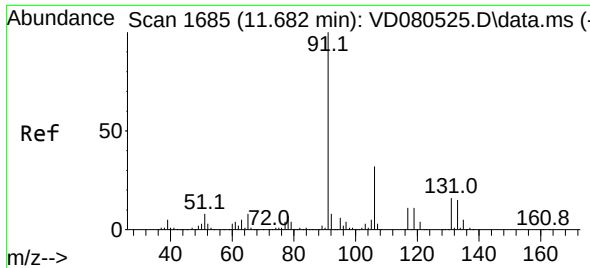
11/20/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 4.018 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

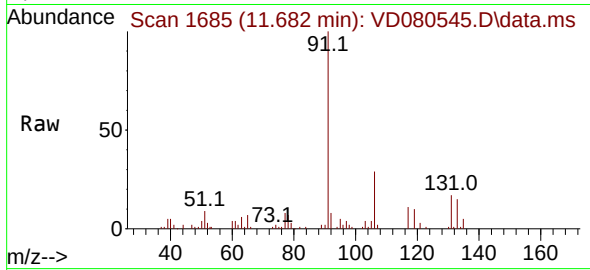
Tgt Ion:131 Resp: 10152
Ion Ratio Lower Upper
131 100
133 95.2 47.3 141.8
119 67.3 34.4 103.2





#67
Ethyl Benzene
Concen: 3.691 ug/l
RT: 11.682 min Scan# 11685
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



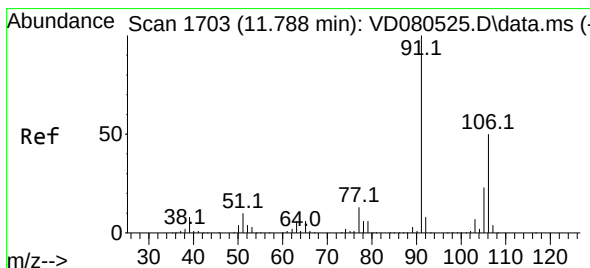
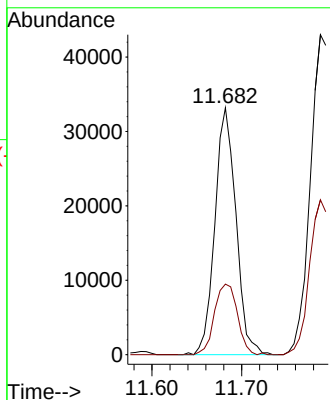
Tgt Ion: 91 Resp: 54052
Ion Ratio Lower Upper
91 100
106 28.6 25.4 38.0

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Patel

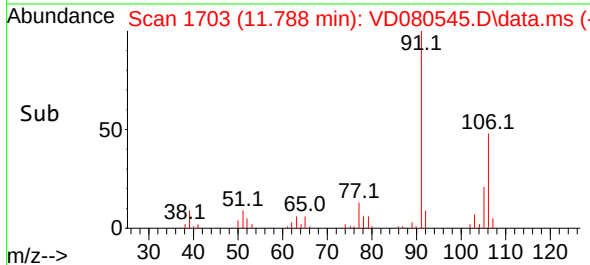
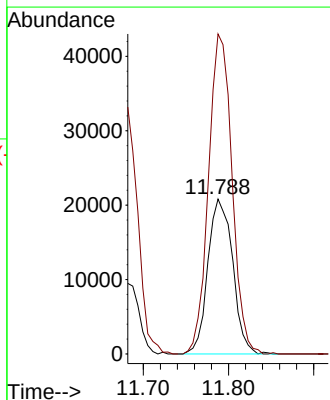
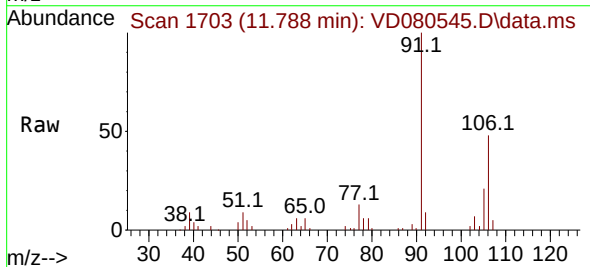
11/20/2025
Supervised By :Mahesh
Dadoda

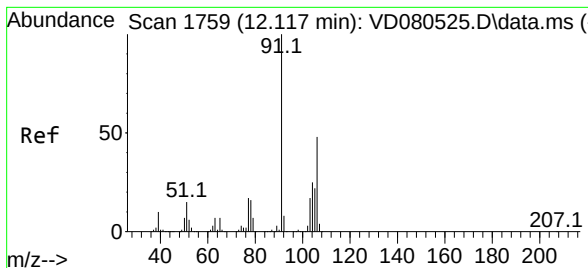
11/20/2025



#68
m/p-Xylenes
Concen: 7.518 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

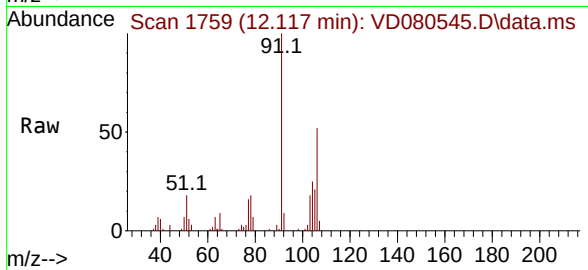
Tgt Ion:106 Resp: 42103
Ion Ratio Lower Upper
106 100
91 196.0 158.7 238.1





#69
o-Xylene
Concen: 3.863 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



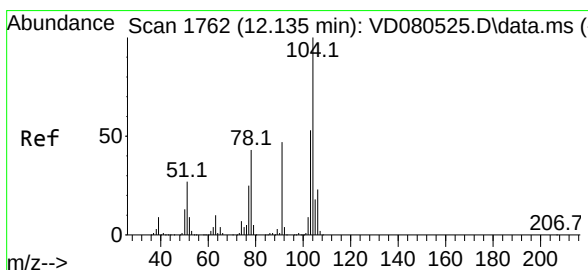
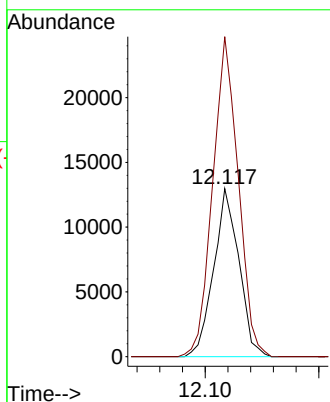
Tgt Ion:106 Resp: 2000
Ion Ratio Lower Upper
106 100
91 192.8 105.8 317.3

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Patel

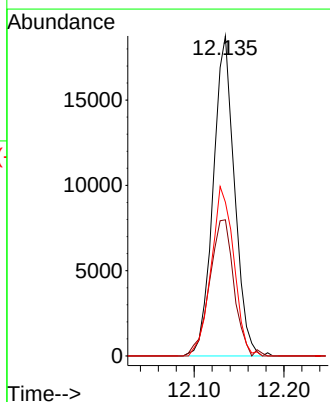
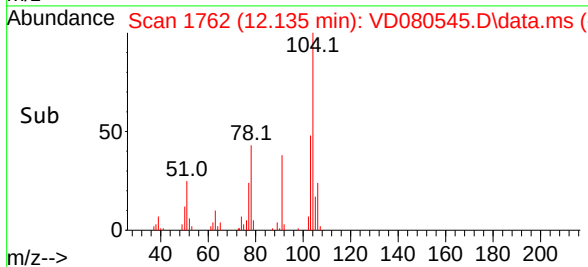
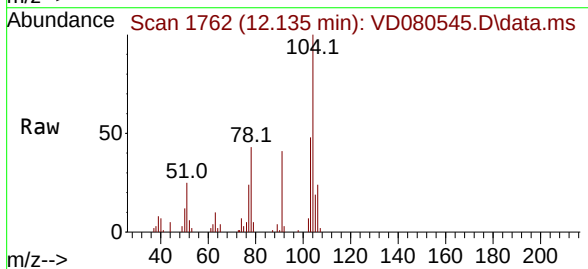
11/20/2025
Supervised By :Mahesh
Dadoda

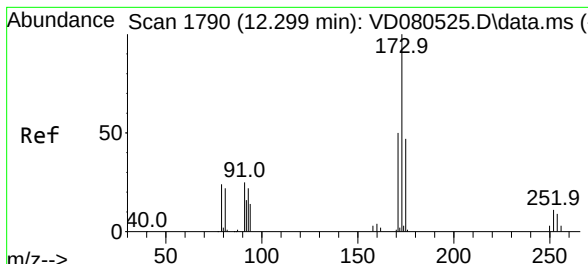
11/20/2025



#70
Styrene
Concen: 3.618 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

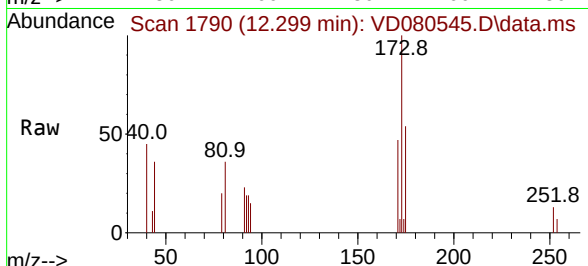
Tgt Ion:104 Resp: 30916
Ion Ratio Lower Upper
104 100
78 48.6 37.8 56.8
103 56.2 43.8 65.8





#71
 Bromoform
 Concen: 3.859 ug/l
 RT: 12.299 min Scan# 1790
 Delta R.T. 0.000 min
 Lab File: VD080545.D
 Acq: 19 Nov 2025 12:01

Instrument : MSVOA_D
 ClientSampleId : MDL-SOIL-03-QT4-2025



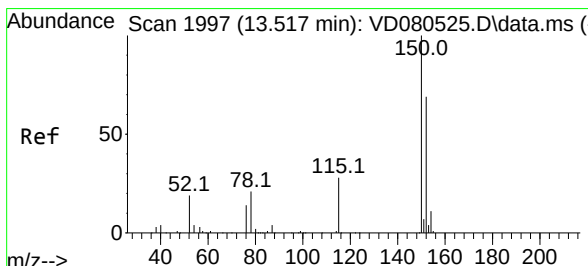
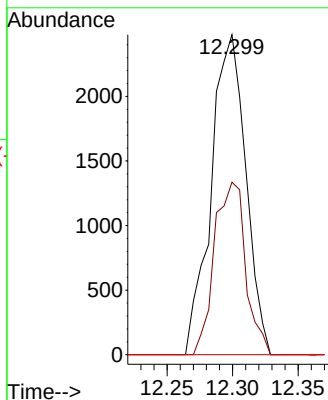
Tgt Ion:173 Resp: 4558
 Ion Ratio Lower Upper
 173 100
 175 48.5 24.1 72.2
 254 0.0 0.0 0.0

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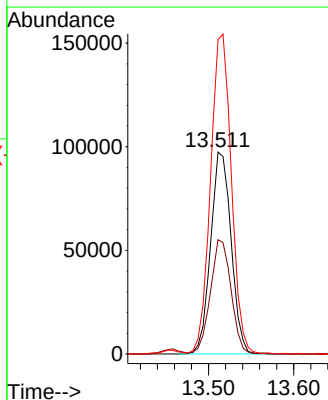
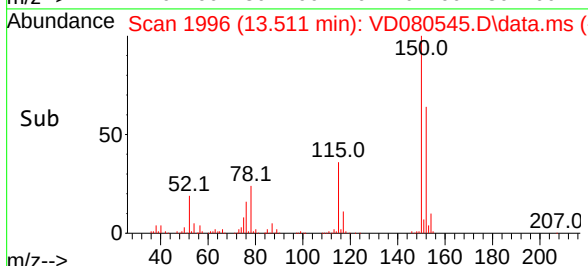
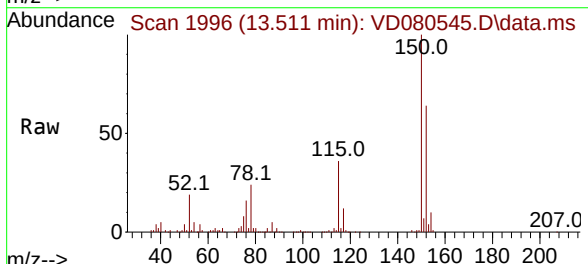
11/20/2025
 Supervised By :Mahesh Dadoda

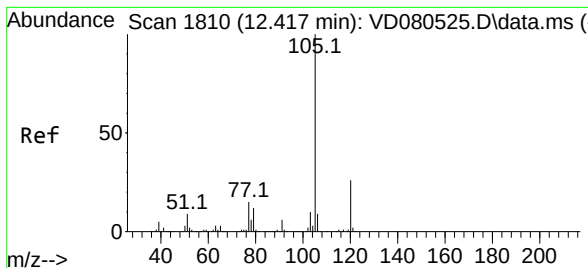
11/20/2025



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.511 min Scan# 1996
 Delta R.T. -0.006 min
 Lab File: VD080545.D
 Acq: 19 Nov 2025 12:01

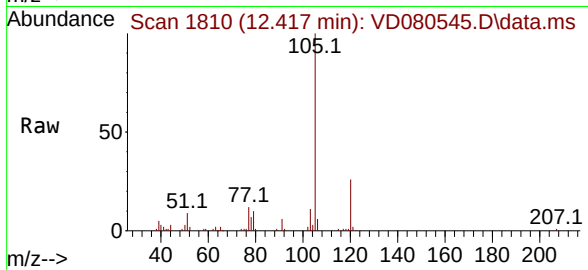
Tgt Ion:152 Resp: 162828
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.1 84.3
 150 160.7 0.0 345.6





#73
Isopropylbenzene
Concen: 3.839 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



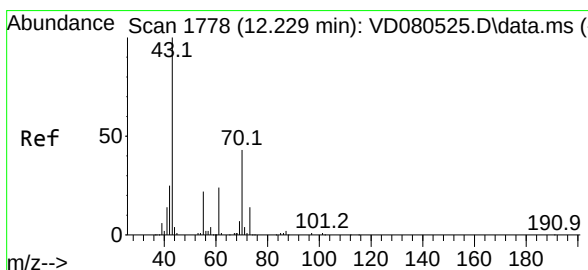
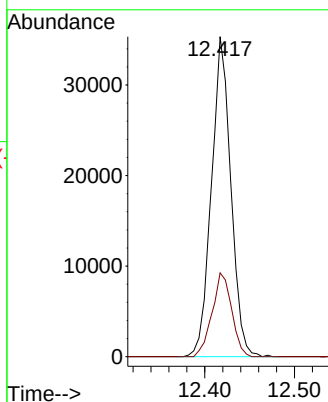
Tgt Ion: 105 Resp: 53060
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.2

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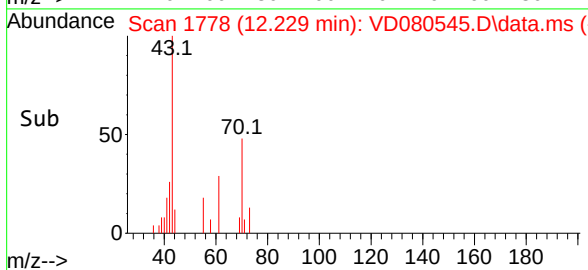
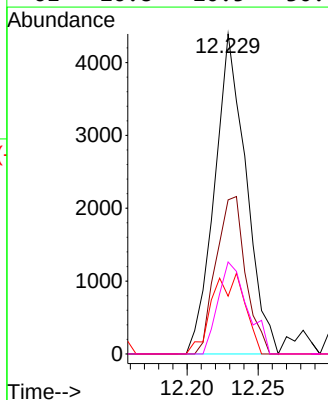
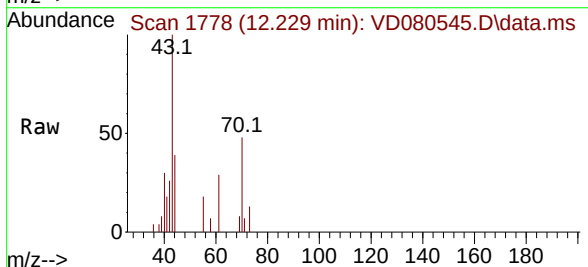
11/20/2025
Supervised By :Mahesh
Dadoda

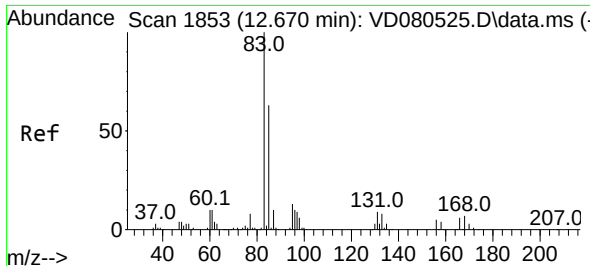
11/20/2025



#74
N-ethyl acetate
Concen: 3.155 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

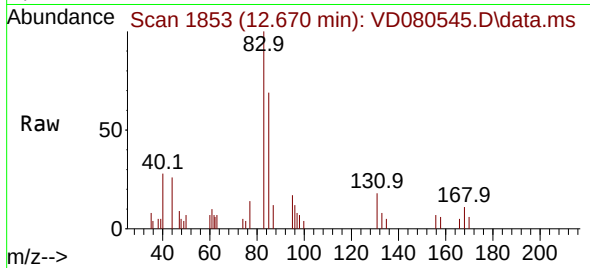
Tgt Ion: 43 Resp: 6760
Ion Ratio Lower Upper
43 100
70 46.4 35.2 52.8
55 26.3 18.4 27.6
61 26.8 20.5 30.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 3.490 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VD080545.D
 Acq: 19 Nov 2025 12:01

Instrument : MSVOA_D
 ClientSampleId : MDL-SOIL-03-QT4-2025



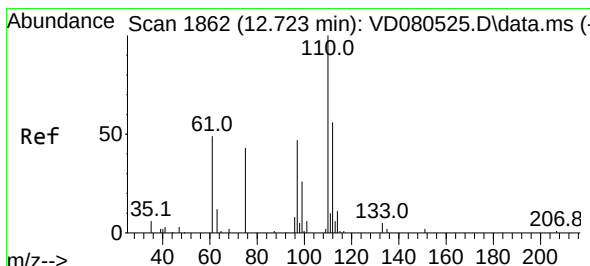
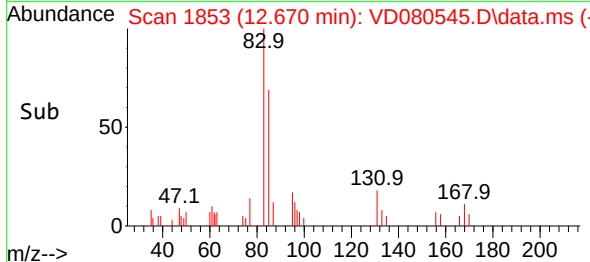
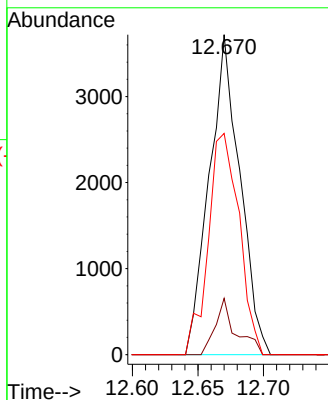
Tgt Ion: 83 Resp: 6050
 Ion Ratio Lower Upper
 83 100
 131 11.8 4.9 14.6
 85 69.6 31.8 95.3

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Reviewed By :Amit
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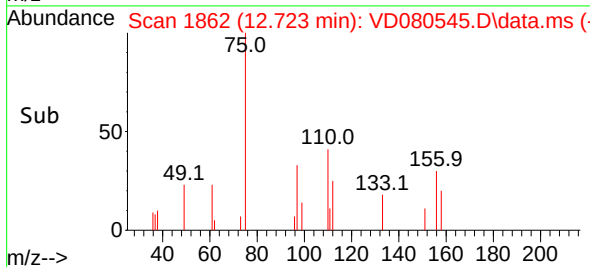
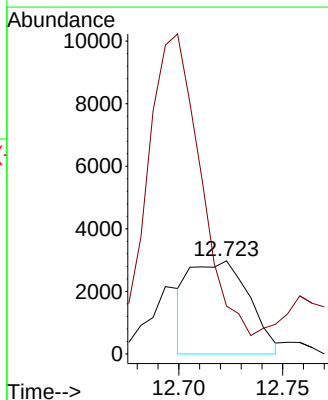
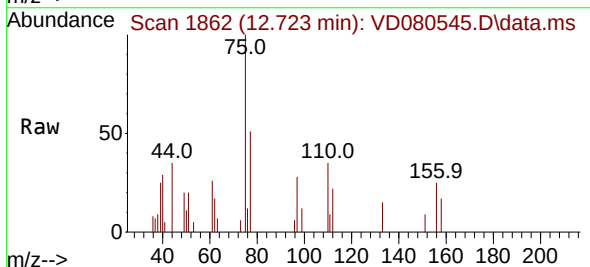
11/20/2025
 Supervised By :Mahesh
 Dadoda

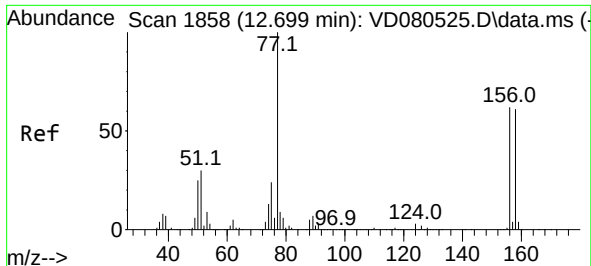
11/20/2025



#76
 1,2,3-Trichloropropane
 Concen: 4.652 ug/l m
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VD080545.D
 Acq: 19 Nov 2025 12:01

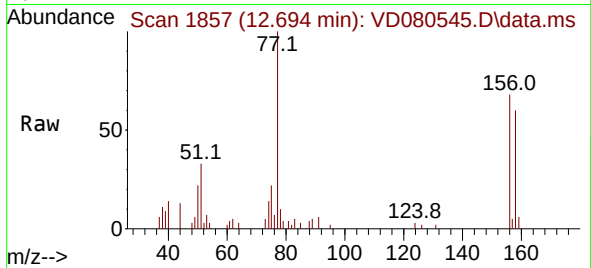
Tgt Ion: 75 Resp: 5900
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 3.868 ug/l
RT: 12.694 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



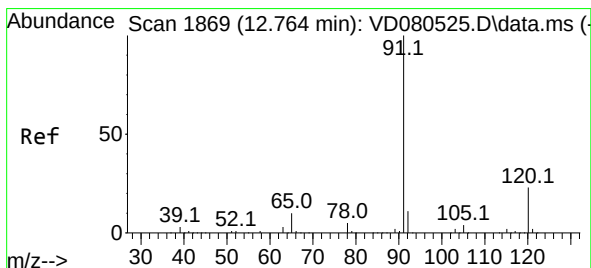
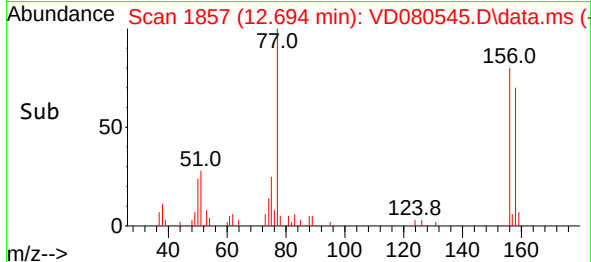
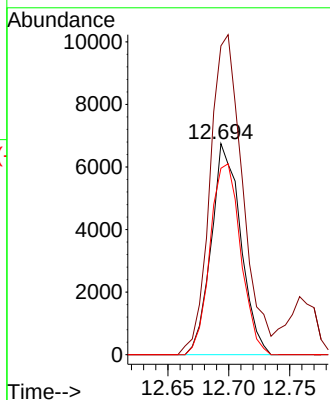
Tgt Ion:156 Resp: 1134
Ion Ratio Lower Upper
156 100
77 167.7 85.3 255.9
158 93.9 48.4 145.0

Manual Integrations
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Reviewed By :Amit
Patel

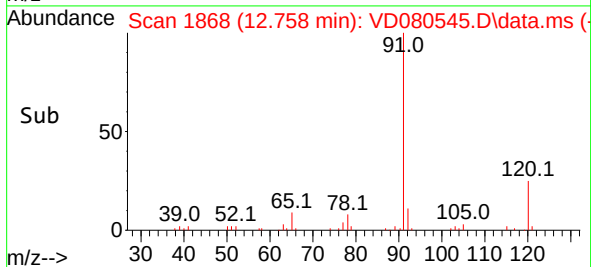
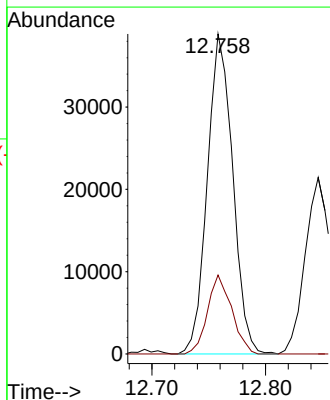
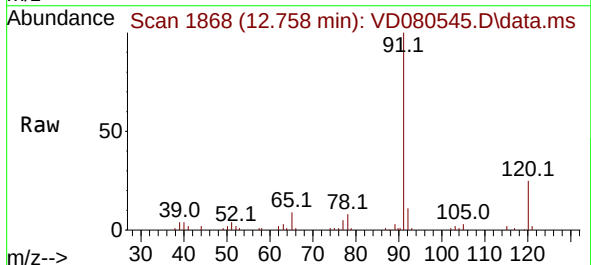
11/20/2025
Supervised By :Mahesh
Dadoda

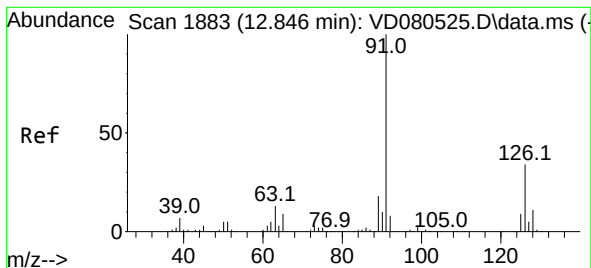
11/20/2025



#78
n-propylbenzene
Concen: 3.646 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Tgt Ion: 91 Resp: 60457
Ion Ratio Lower Upper
91 100
120 23.5 11.4 34.2





#79
2-Chlorotoluene
Concen: 3.832 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2025

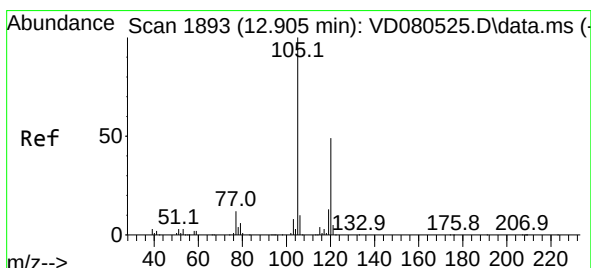
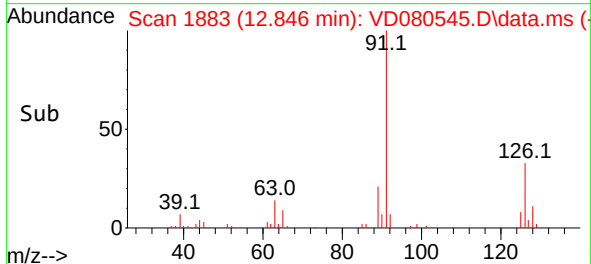
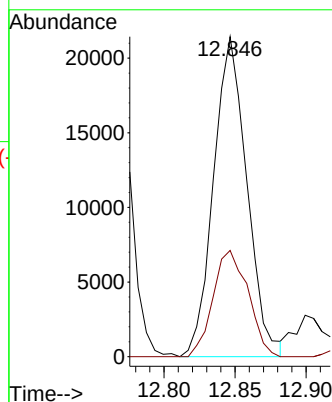
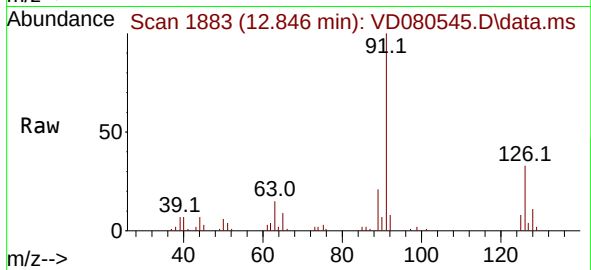
Tgt Ion: 91 Resp: 34960
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.2

Manual Integrations
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Reviewed By :Amit
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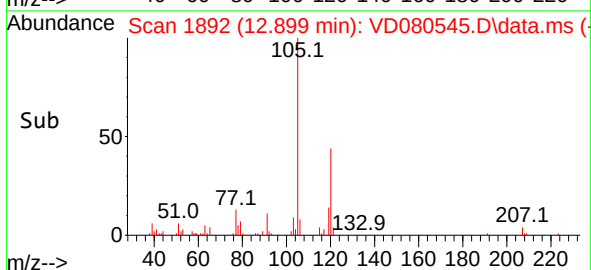
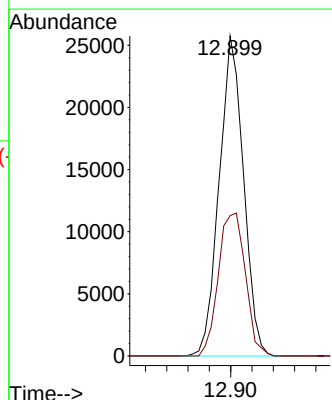
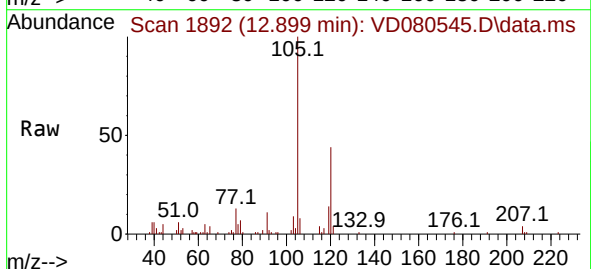
11/20/2025
Supervised By :Mahesh
Dadoda

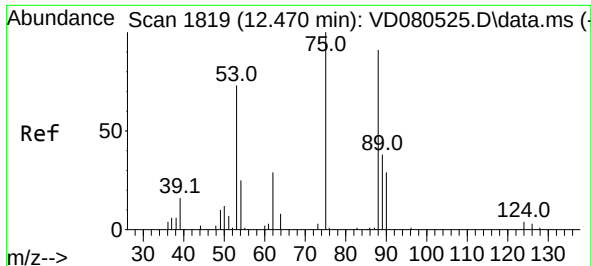
11/20/2025



#80
1,3,5-Trimethylbenzene
Concen: 3.732 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Tgt Ion:105 Resp: 40782
Ion Ratio Lower Upper
105 100
120 49.6 24.6 74.0





#81
trans-1,4-Dichloro-2-butene
Concen: 3.602 ug/l
RT: 12.464 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025

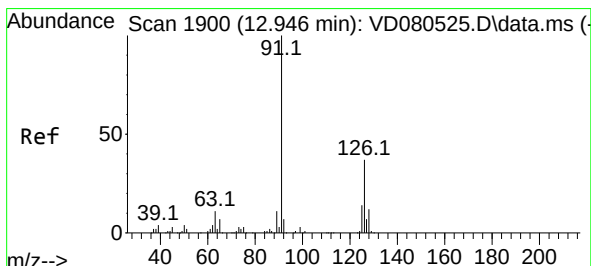
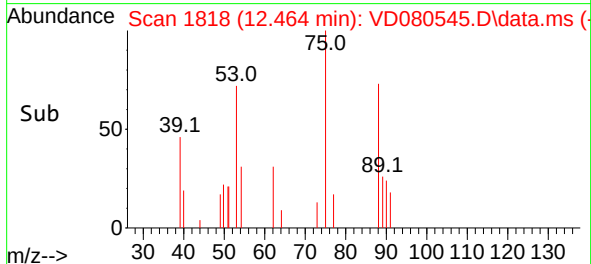
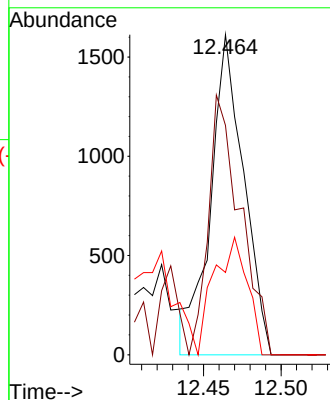
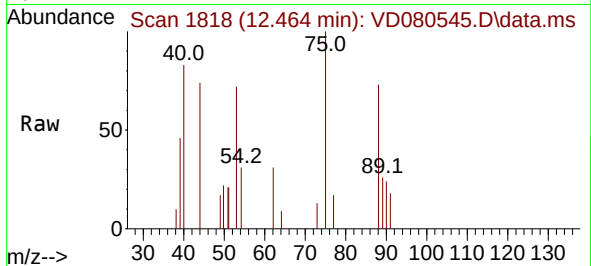
Tgt Ion: 75 Resp: 2392
Ion Ratio Lower Upper
75 100
53 78.6 62.8 94.2
89 36.9 36.6 54.8

Manual Integrations
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Reviewed By :Amit
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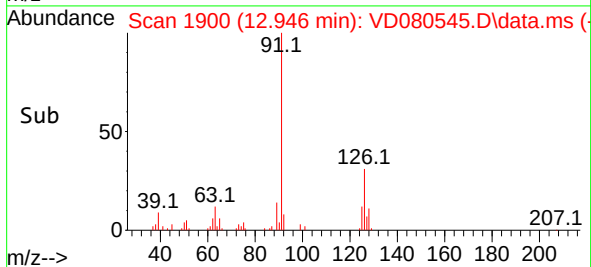
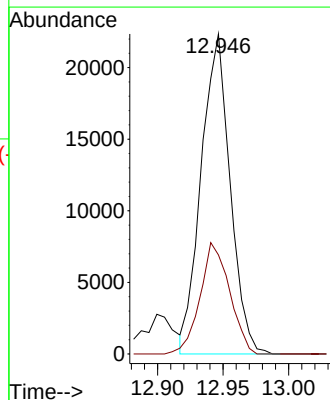
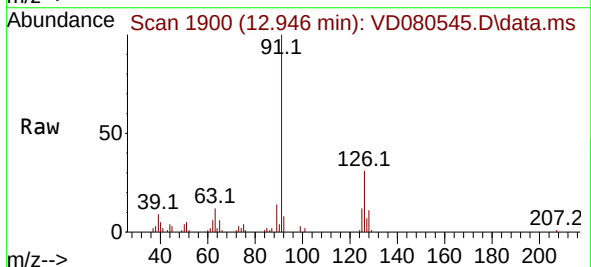
11/20/2025
Supervised By :Mahesh
Dadoda

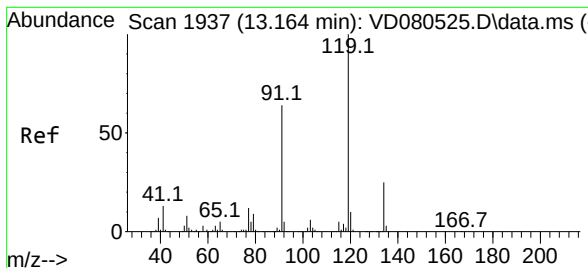
11/20/2025



#82
4-Chlorotoluene
Concen: 3.703 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

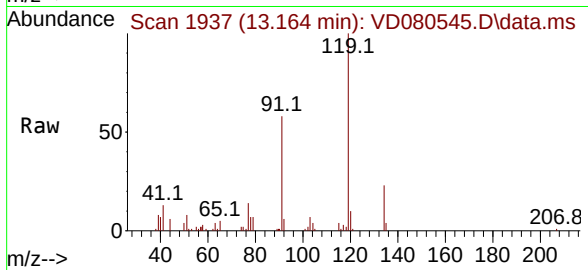
Tgt Ion: 91 Resp: 34337
Ion Ratio Lower Upper
91 100
126 35.5 17.4 52.2





#83
tert-Butylbenzene
Concen: 3.746 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



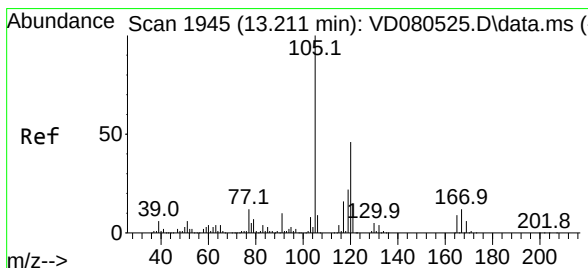
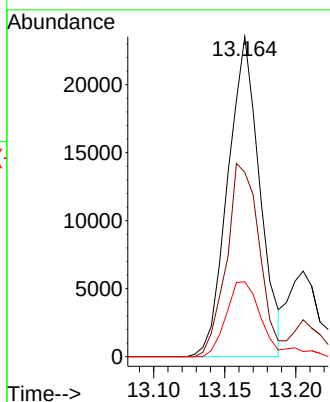
Tgt Ion:119 Resp: 36800
Ion Ratio Lower Upper
119 100
91 63.0 30.4 91.3
134 26.9 13.1 39.3

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Reviewed By :Amit
Patel

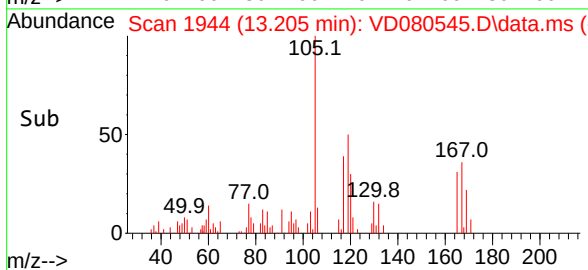
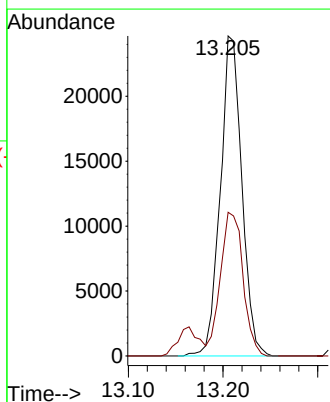
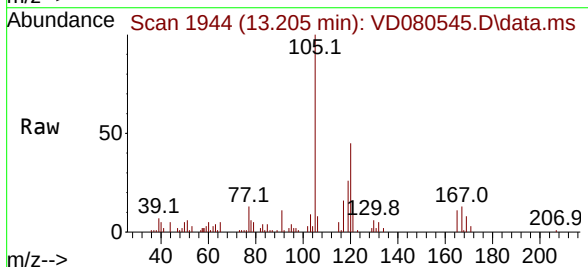
11/20/2025
Supervised By :Mahesh
Dadoda

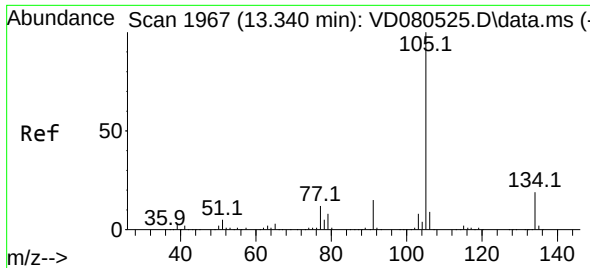
11/20/2025



#84
1,2,4-Trimethylbenzene
Concen: 3.628 ug/l
RT: 13.205 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

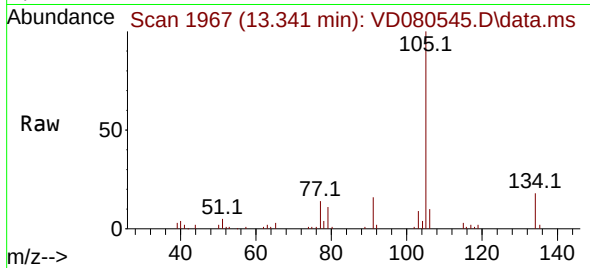
Tgt Ion:105 Resp: 39003
Ion Ratio Lower Upper
105 100
120 47.2 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 3.683 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080545.D
 Acq: 19 Nov 2025 12:01

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT4-2025



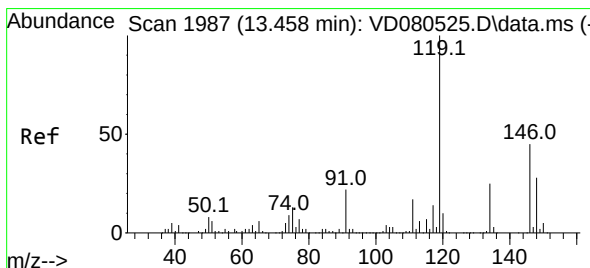
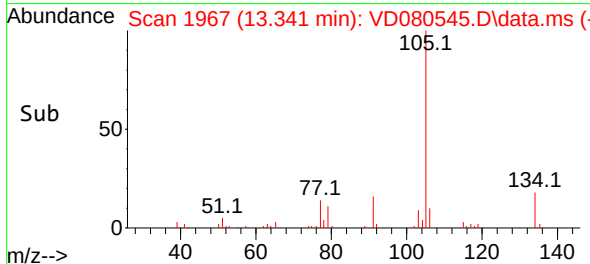
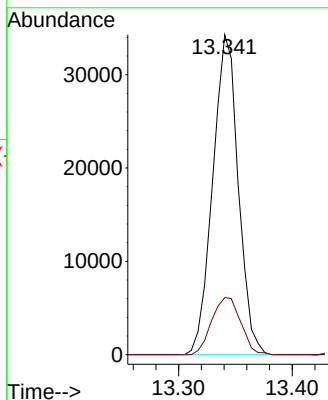
Tgt Ion:105 Resp: 5356
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0

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Reviewed By :Amit
 Patel

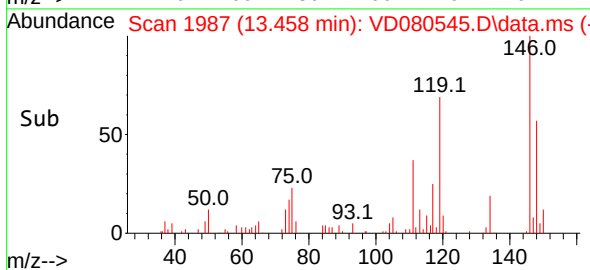
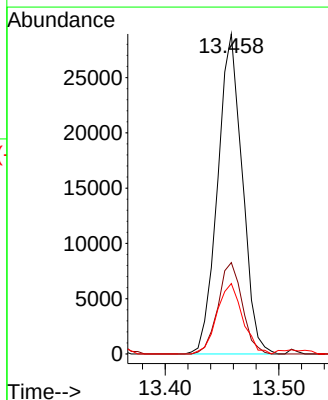
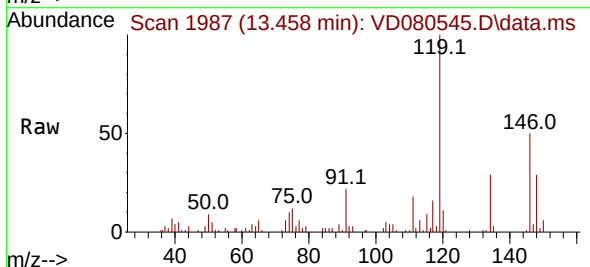
11/20/2025
 Supervised By :Mahesh
 Dadoda

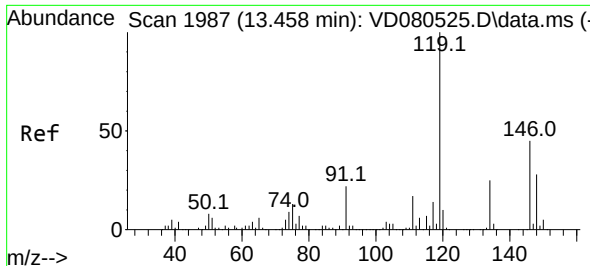
11/20/2025



#86
 p-Isopropyltoluene
 Concen: 3.622 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080545.D
 Acq: 19 Nov 2025 12:01

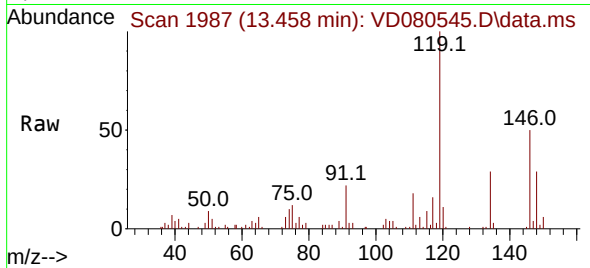
Tgt Ion:119 Resp: 43684
 Ion Ratio Lower Upper
 119 100
 134 28.1 12.8 38.4
 91 22.9 11.1 33.1





#87
1,3-Dichlorobenzene
Concen: 3.921 ug/l
RT: 13.458 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



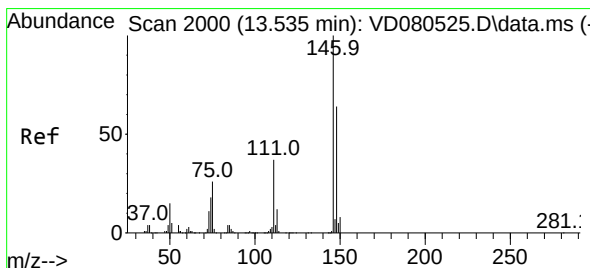
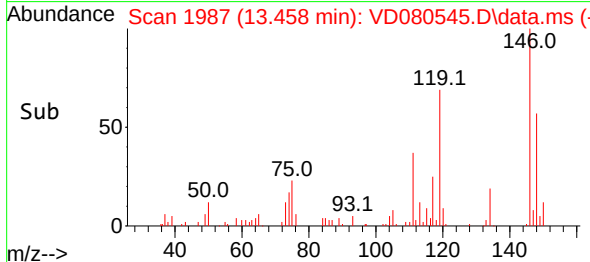
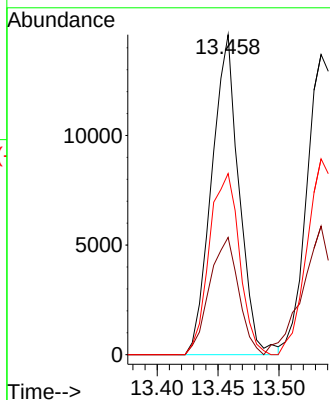
Tgt Ion:146 Resp: 2285
Ion Ratio Lower Upper
146 100
111 38.9 19.4 58.2
148 62.4 31.4 94.0

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Reviewed By :Amit
Patel

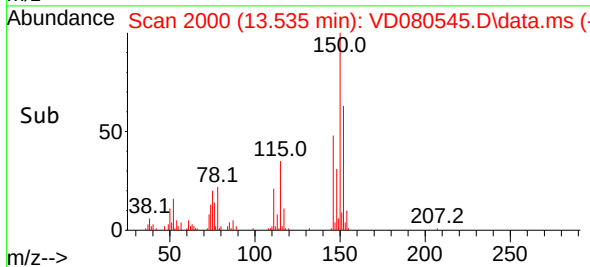
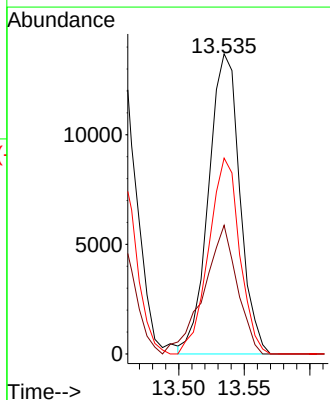
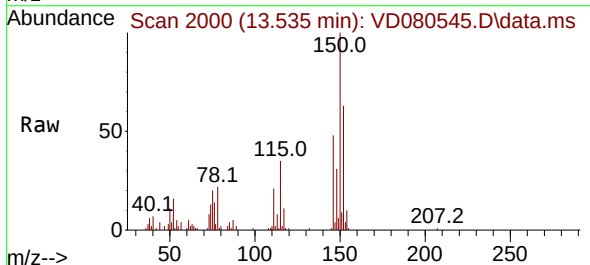
11/20/2025
Supervised By :Mahesh
Dadoda

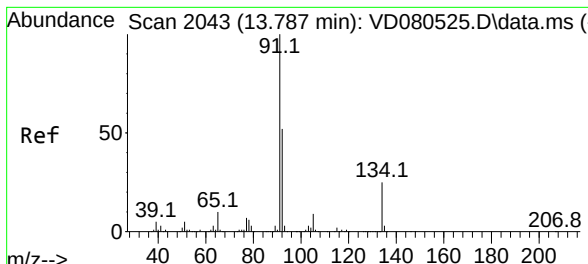
11/20/2025



#88
1,4-Dichlorobenzene
Concen: 3.981 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

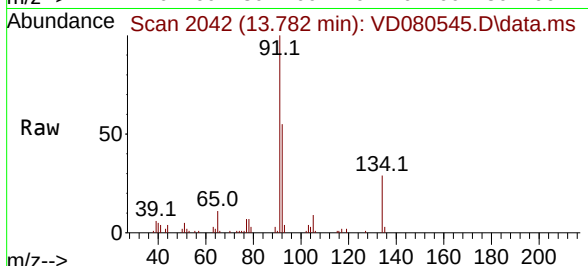
Tgt Ion:146 Resp: 22691
Ion Ratio Lower Upper
146 100
111 45.8 18.9 56.9
148 64.6 32.1 96.5





#89
 n-Butylbenzene
 Concen: 3.717 ug/l
 RT: 13.782 min Scan# 2042
 Delta R.T. -0.006 min
 Lab File: VD080545.D
 Acq: 19 Nov 2025 12:01

Instrument : MSVOA_D
 ClientSampleId : MDL-SOIL-03-QT4-2025



Tgt Ion: 91 Resp: 4275

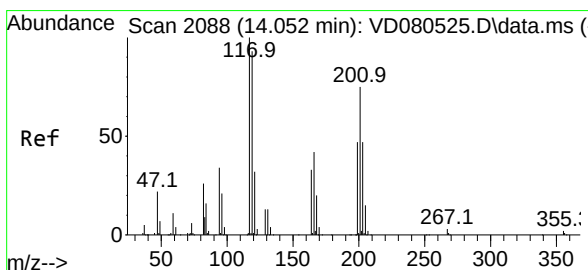
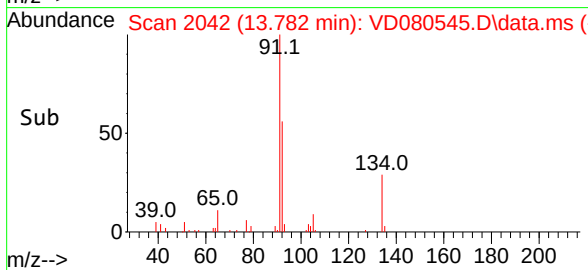
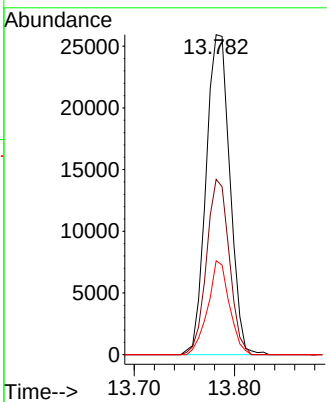
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.7	80.1
134	26.6	12.6	37.8

Manual Integrations
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Reviewed By :Amit Patel

11/20/2025
 Supervised By :Mahesh Dadoda

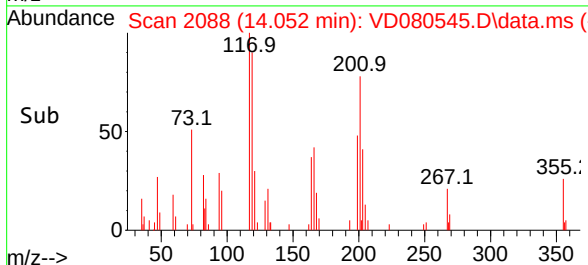
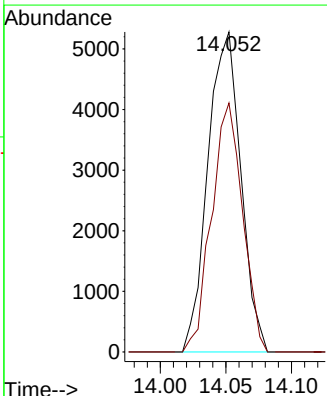
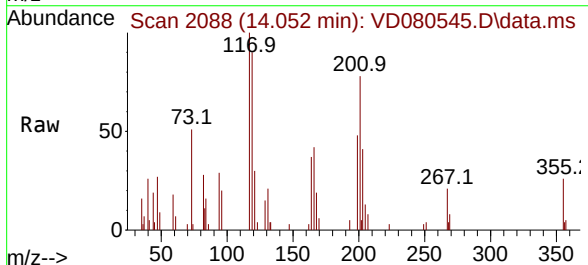
11/20/2025

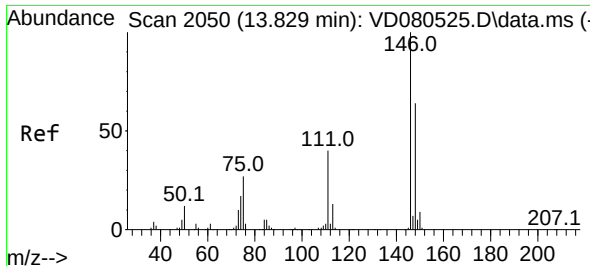


#90
 Hexachloroethane
 Concen: 3.921 ug/l
 RT: 14.052 min Scan# 2088
 Delta R.T. 0.000 min
 Lab File: VD080545.D
 Acq: 19 Nov 2025 12:01

Tgt Ion:117 Resp: 9226

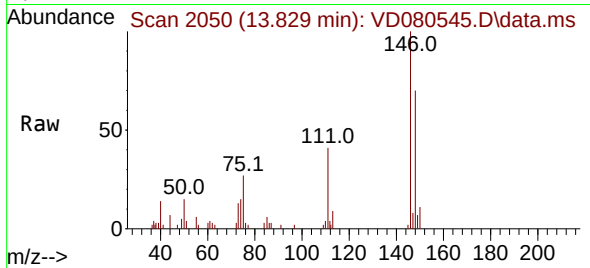
Ion	Ratio	Lower	Upper
117	100		
201	73.3	36.7	110.1





#91
1,2-Dichlorobenzene
Concen: 3.984 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



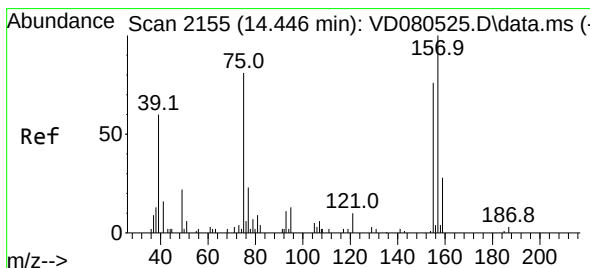
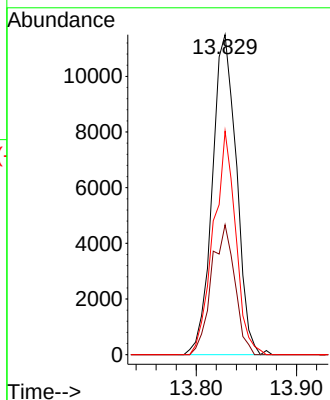
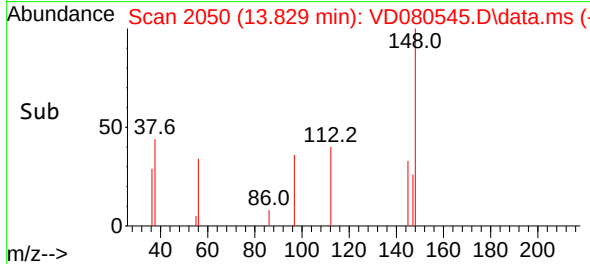
Tgt Ion:146 Resp: 1919
Ion Ratio Lower Upper
146 100
111 39.3 20.3 60.8
148 64.3 32.2 96.6

Manual Integrations
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Reviewed By :Amit
Patel

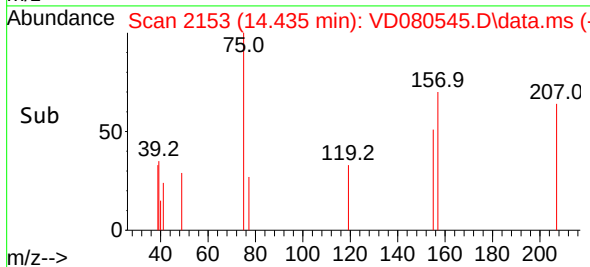
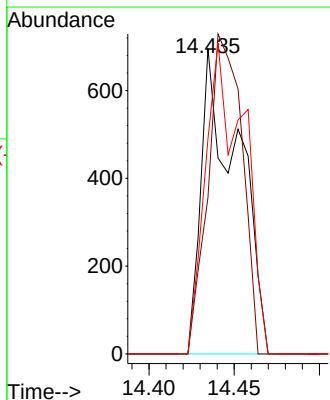
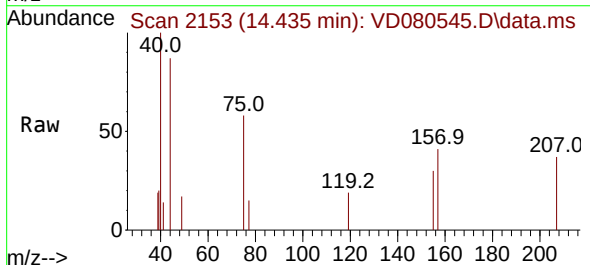
11/20/2025
Supervised By :Mahesh
Dadoda

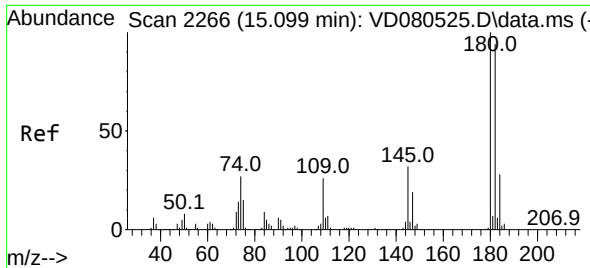
11/20/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.374 ug/l
RT: 14.435 min Scan# 2153
Delta R.T. -0.012 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

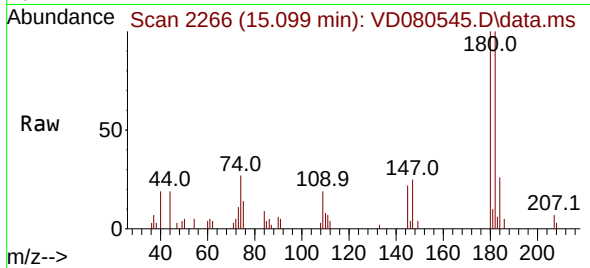
Tgt Ion: 75 Resp: 1044
Ion Ratio Lower Upper
75 100
155 96.9 46.4 139.2
157 106.0 59.6 178.7





#93
1,2,4-Trichlorobenzene
Concen: 4.059 ug/l
RT: 15.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2025



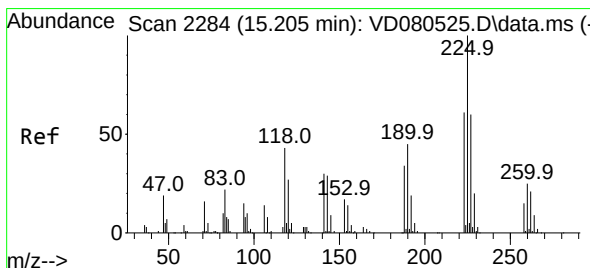
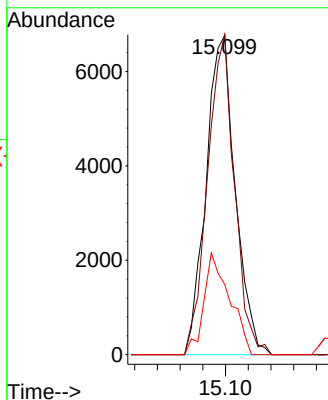
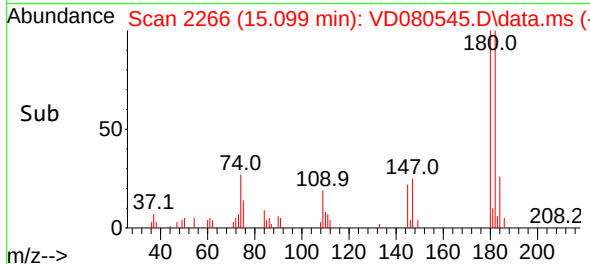
Tgt Ion:180 Resp: 12074
Ion Ratio Lower Upper
180 100
182 92.7 47.1 141.4
145 28.2 14.7 44.1

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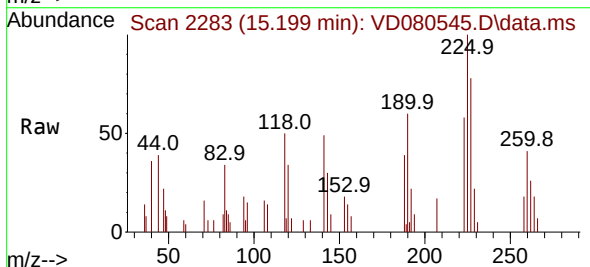
Reviewed By :Amit
Patel

11/20/2025
Supervised By :Mahesh
Dadoda

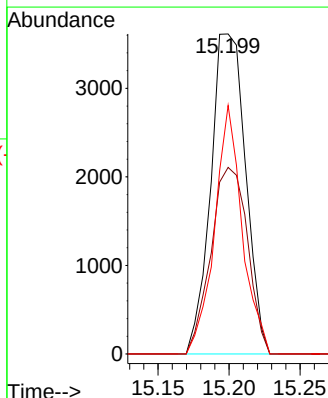
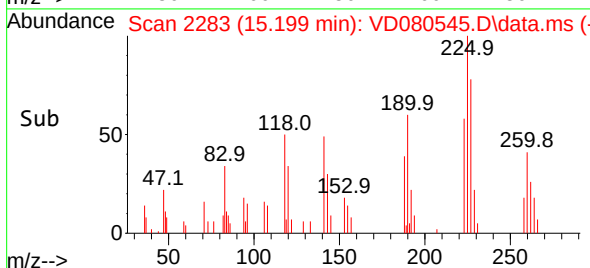
11/20/2025

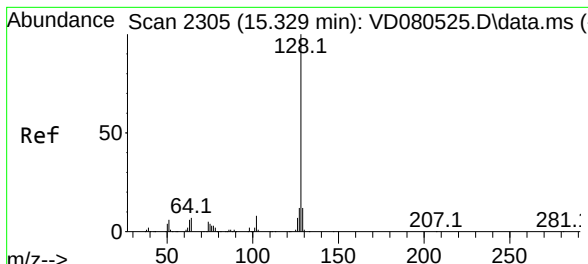


#94
Hexachlorobutadiene
Concen: 3.730 ug/l
RT: 15.199 min Scan# 2283
Delta R.T. -0.006 min
Lab File: VD080545.D
Acq: 19 Nov 2025 12:01



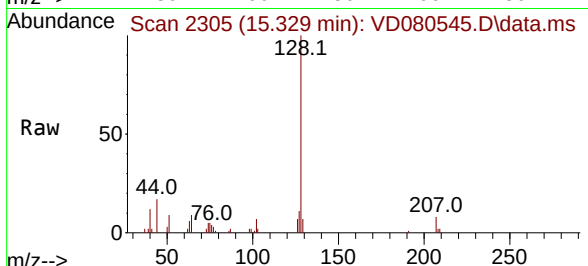
Tgt Ion:225 Resp: 6179
Ion Ratio Lower Upper
225 100
223 61.2 31.4 94.0
227 61.2 31.9 95.5





#95
 Naphthalene
 Concen: 3.780 ug/l
 RT: 15.329 min Scan# 2305
 Delta R.T. 0.000 min
 Lab File: VD080545.D
 Acq: 19 Nov 2025 12:01

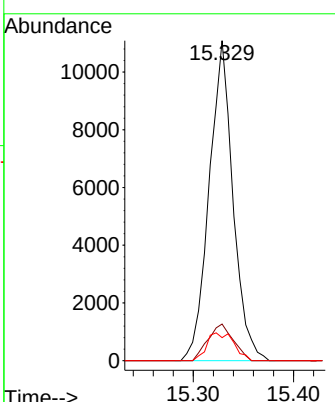
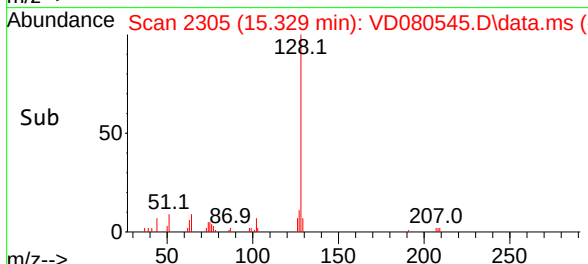
Instrument : MSVOA_D
 ClientSampleId : MDL-SOIL-03-QT4-2025



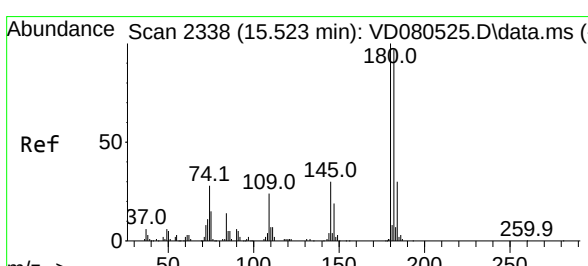
Tgt Ion:128 Resp: 1829

Ion	Ratio	Lower	Upper
128	100		
127	11.4	9.8	14.6
129	7.2	9.2	13.8

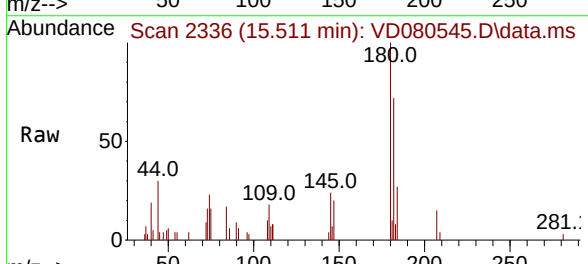
Manual Integrations
APPROVED
 Reviewed By :Amit Patel
 11/20/2025



Supervised By :Mahesh Dadoda
 11/20/2025



#96
 1,2,3-Trichlorobenzene
 Concen: 4.002 ug/l
 RT: 15.511 min Scan# 2336
 Delta R.T. -0.012 min
 Lab File: VD080545.D
 Acq: 19 Nov 2025 12:01



Tgt Ion:180 Resp: 9645

Ion	Ratio	Lower	Upper
180	100		
182	88.3	48.4	145.2
145	29.4	15.9	47.6

