

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079718.D
 Acq On : 13 Aug 2024 14:47
 Operator : RP/MD
 Sample : P3390-01 4 PPB
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Quant Time: Aug 14 07:57:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 07:56:07 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	160042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	315458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	286667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	132998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	108740	59.058	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.120%			
35) Dibromofluoromethane	7.799	113	109035	56.066	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.140%			
50) Toluene-d8	10.269	98	440252	54.164	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.320%			
62) 4-Bromofluorobenzene	12.569	95	119360	52.447	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	8345	5.313	ug/l	89
3) Chloromethane	2.146	50	17123	5.540	ug/l	97
4) Vinyl Chloride	2.281	62	19044	5.212	ug/l	100
5) Bromomethane	2.687	94	13447	5.407	ug/l	98
6) Chloroethane	2.828	64	13055	5.234	ug/l	97
7) Trichlorofluoromethane	3.169	101	16180	4.951	ug/l	88
8) Diethyl Ether	3.587	74	5135	5.025	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.958	101	8570	4.455	ug/l #	88
10) Methyl Iodide	4.158	142	8487	3.941	ug/l	93
11) Tert butyl alcohol	5.052	59	3123	28.249	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	9073	4.510	ug/l	93
13) Acrolein	3.793	56	5675	26.497	ug/l	95
14) Allyl chloride	4.564	41	14241	4.720	ug/l #	81
15) Acrylonitrile	5.252	53	11271	23.960	ug/l #	17
16) Acetone	4.028	43	9536	23.172	ug/l	94
17) Carbon Disulfide	4.269	76	34726	4.870	ug/l	95
18) Methyl Acetate	4.564	43	6690	5.329	ug/l #	57
19) Methyl tert-butyl Ether	5.322	73	18172	4.399	ug/l	100
20) Methylene Chloride	4.799	84	20084	6.227	ug/l #	84
21) trans-1,2-Dichloroethene	5.305	96	10750	4.867	ug/l	87
22) Diisopropyl ether	6.216	45	27682	4.452	ug/l #	92
23) Vinyl Acetate	6.158	43	100787	22.115	ug/l #	88
24) 1,1-Dichloroethane	6.110	63	19841	4.827	ug/l	95
25) 2-Butanone	7.093	43	12690	22.402	ug/l #	85
26) 2,2-Dichloropropane	7.063	77	16133	4.970	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	12130	4.735	ug/l	88
28) Bromochloromethane	7.422	49	8763	5.012	ug/l #	66
29) Tetrahydrofuran	7.446	42	8499	24.680	ug/l #	79
30) Chloroform	7.593	83	19384	4.857	ug/l	94
31) Cyclohexane	7.875	56	16880	5.016	ug/l #	81
32) 1,1,1-Trichloroethane	7.793	97	15268	4.624	ug/l	97
36) 1,1-Dichloropropene	8.005	75	13237	4.391	ug/l	93
37) Ethyl Acetate	7.169	43	5984	4.386	ug/l #	84
38) Carbon Tetrachloride	7.993	117	13755	4.495	ug/l	86
39) Methylcyclohexane	9.275	83	13929	3.909	ug/l #	84
40) Benzene	8.252	78	45076	4.598	ug/l	94

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 Supervised By :Mahesh Dadoda 08/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	2220	3.090	ug/l	87
42) 1,2-Dichloroethane	8.328	62	11426	5.042	ug/l	85
43) Isopropyl Acetate	8.357	43	11915	5.008	ug/l #	90
44) Trichloroethene	9.034	130	10017	4.652	ug/l	89
45) 1,2-Dichloropropane	9.304	63	10660	4.417	ug/l	100
46) Dibromomethane	9.393	93	5551	4.543	ug/l #	84
47) Bromodichloromethane	9.587	83	13860	4.500	ug/l	94
48) Methyl methacrylate	9.375	41	4498	4.110	ug/l #	84
49) 1,4-Dioxane	9.381	88	1200	97.590	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	27251	22.263	ug/l #	85
52) Toluene	10.334	92	26699	4.541	ug/l	100
53) t-1,3-Dichloropropene	10.546	75	12588	4.372	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	14811	4.192	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	7552	4.637	ug/l	91
56) Ethyl methacrylate	10.598	69	8757	4.406	ug/l	92
57) 1,3-Dichloropropane	10.875	76	12977	4.622	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	18980	21.370	ug/l	94
59) 2-Hexanone	10.922	43	18751	21.413	ug/l	88
60) Dibromochloromethane	11.081	129	8907	4.439	ug/l	99
61) 1,2-Dibromoethane	11.175	107	6394	4.421	ug/l	100
64) Tetrachloroethene	10.804	164	7367	4.206	ug/l	90
65) Chlorobenzene	11.604	112	29778	4.731	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.675	131	8981	4.376	ug/l	96
67) Ethyl Benzene	11.681	91	43550	3.943	ug/l	97
68) m/p-Xylenes	11.793	106	32579	7.585	ug/l	92
69) o-Xylene	12.116	106	15497	3.948	ug/l	91
70) Styrene	12.134	104	27687	4.021	ug/l	99
71) Bromoform	12.298	173	4668	4.425	ug/l #	98
73) Isopropylbenzene	12.422	105	37794	4.048	ug/l	100
74) N-amyl acetate	12.228	43	9378	4.508	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	8694	4.987	ug/l	93
76) 1,2,3-Trichloropropane	12.722	75	6968m	6.427	ug/l	
77) Bromobenzene	12.698	156	9567	4.581	ug/l	80
78) n-propylbenzene	12.763	91	49010	4.242	ug/l	97
79) 2-Chlorotoluene	12.845	91	28038	4.358	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	32744	4.229	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	2854	4.486	ug/l	90
82) 4-Chlorotoluene	12.945	91	28058	4.147	ug/l	97
83) tert-Butylbenzene	13.163	119	26689	4.084	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	30735	3.880	ug/l	96
85) sec-Butylbenzene	13.345	105	41043	4.076	ug/l	97
86) p-Isopropyltoluene	13.457	119	33093	3.912	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	19355	4.354	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	20526	4.677	ug/l	92
89) n-Butylbenzene	13.781	91	32986	4.137	ug/l	98
90) Hexachloroethane	14.051	117	8215	4.733	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	16642	4.347	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.434	75	1417	5.955	ug/l	68
93) 1,2,4-Trichlorobenzene	15.092	180	10034	4.556	ug/l	95
94) Hexachlorobutadiene	15.198	225	4582	4.137	ug/l	96
95) Naphthalene	15.328	128	19932	4.732	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	8670	4.491	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed Aug 14 07:56:07 2024
Response via : Initial Calibration

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

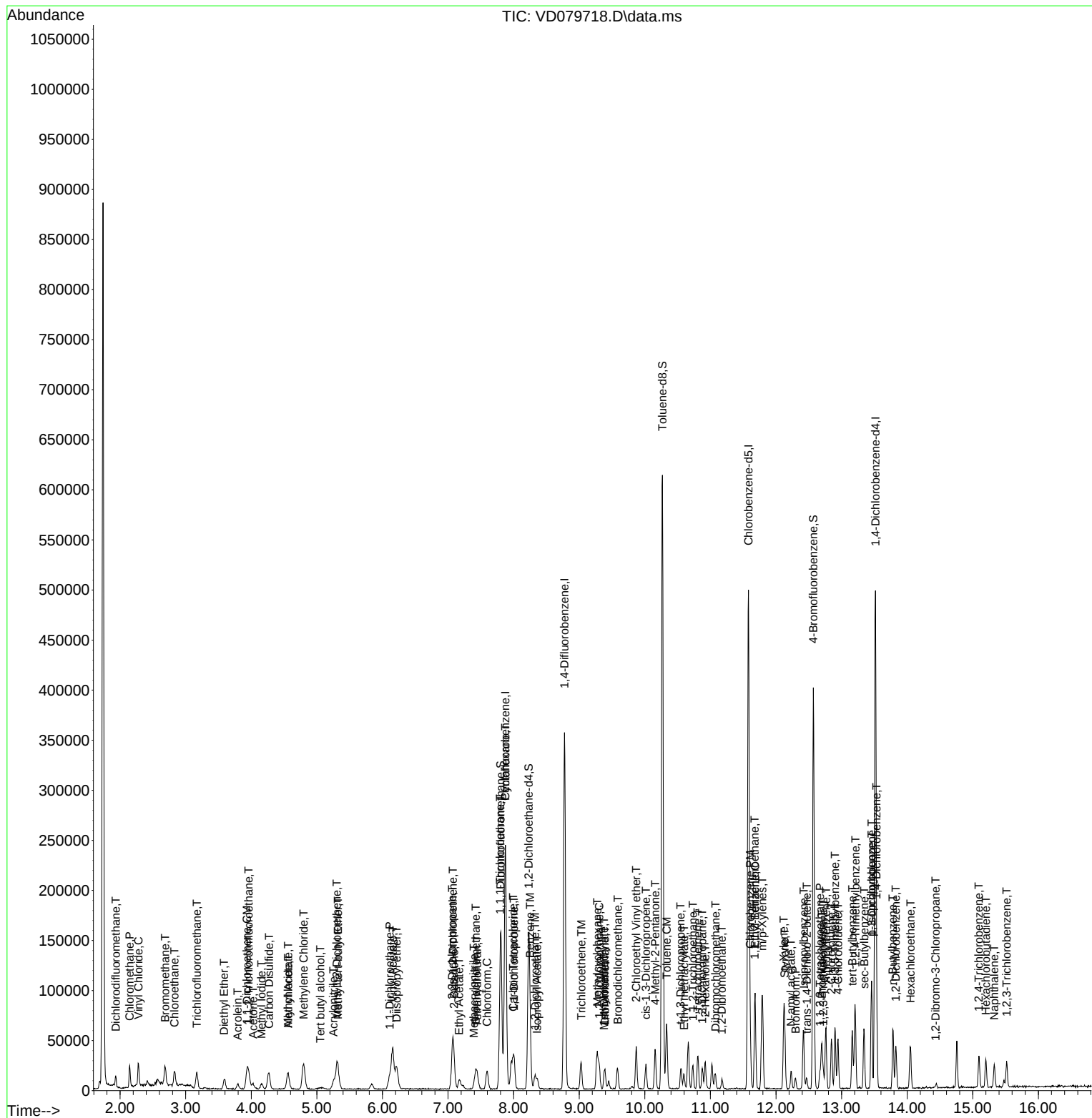
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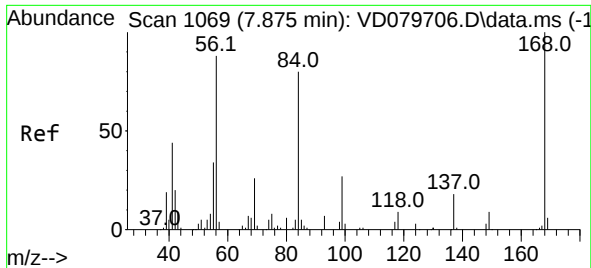
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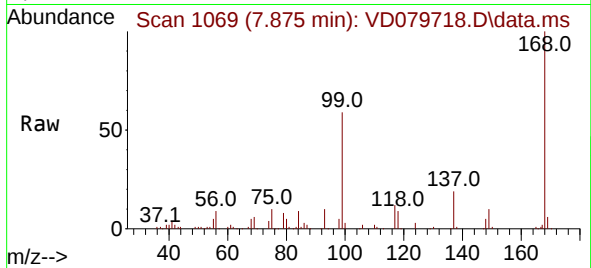
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

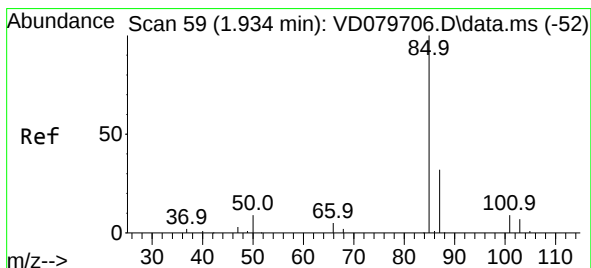
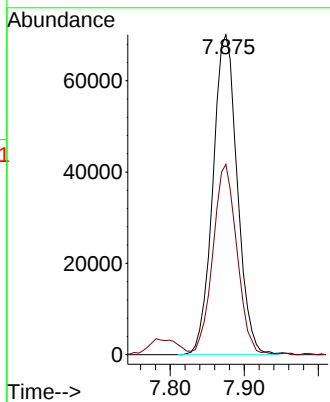
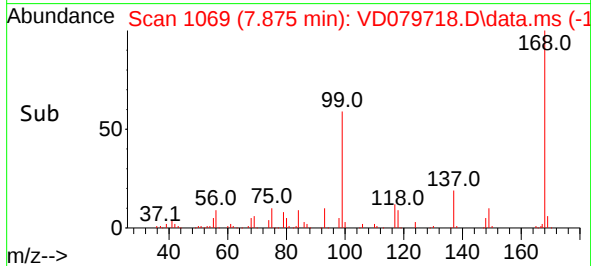
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:168 Resp: 16004
Ion Ratio Lower Upper
168 100
99 59.2 41.1 61.7

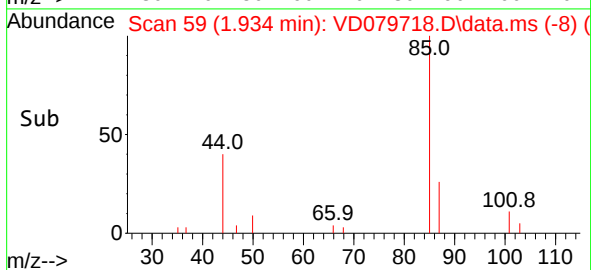
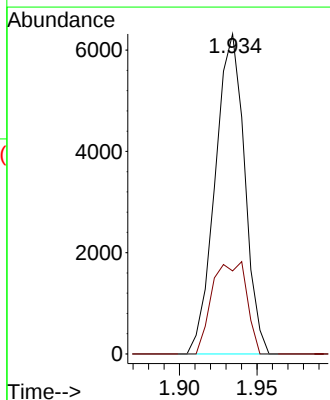
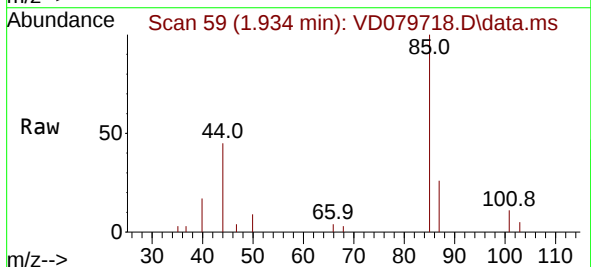
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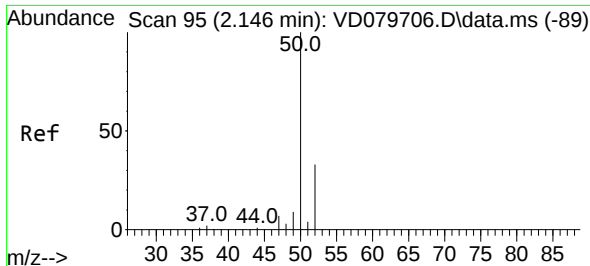
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#2
Dichlorodifluoromethane
Concen: 5.313 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

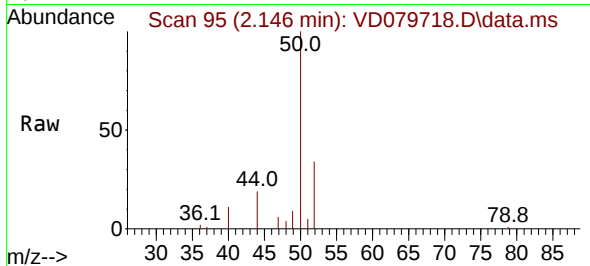
Tgt Ion: 85 Resp: 8345
Ion Ratio Lower Upper
85 100
87 26.0 16.0 48.0





#3
Chloromethane
Concen: 5.540 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

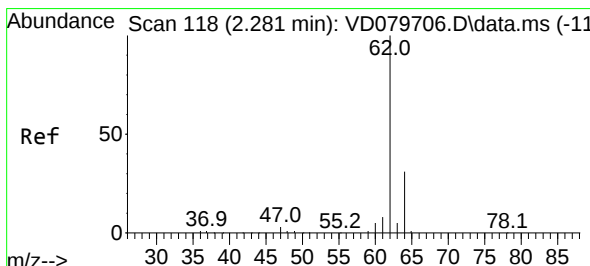
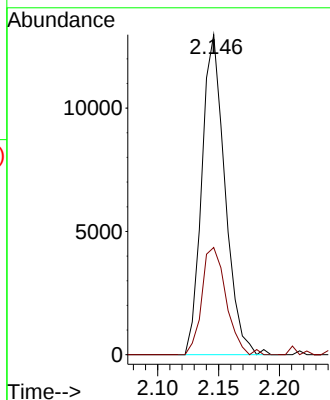
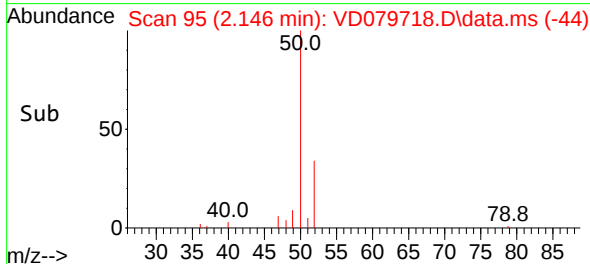
Instrument : MSVOA_D
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Tgt Ion: 50 Resp: 1712
Ion Ratio Lower Upper
50 100
52 33.5 28.2 42.2

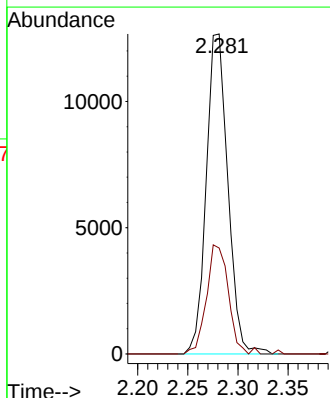
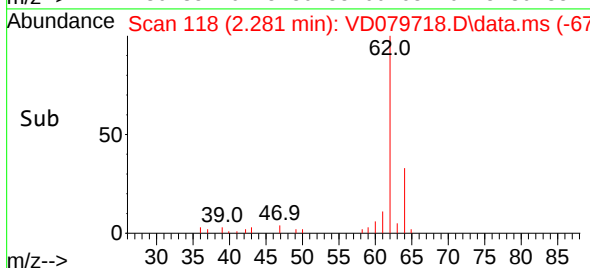
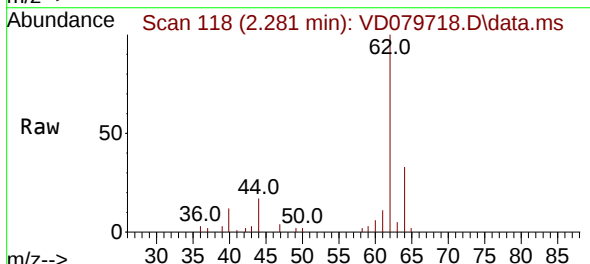
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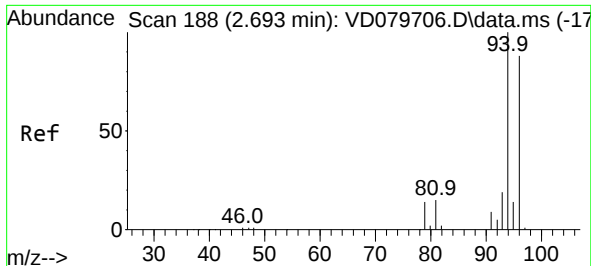
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#4
Vinyl Chloride
Concen: 5.212 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

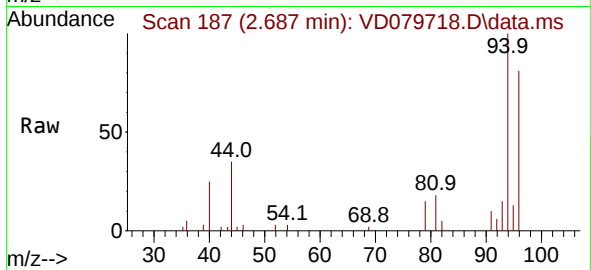
Tgt Ion: 62 Resp: 19044
Ion Ratio Lower Upper
62 100
64 33.1 26.3 39.5





#5
Bromomethane
Concen: 5.407 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

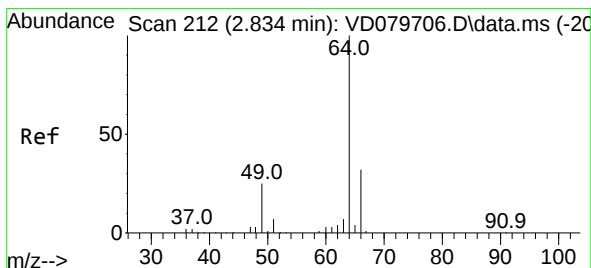
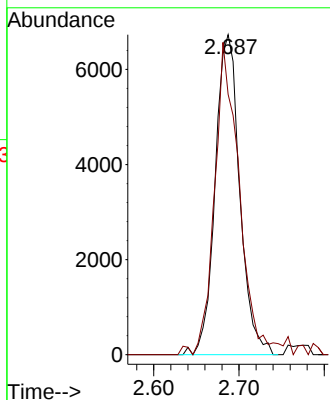
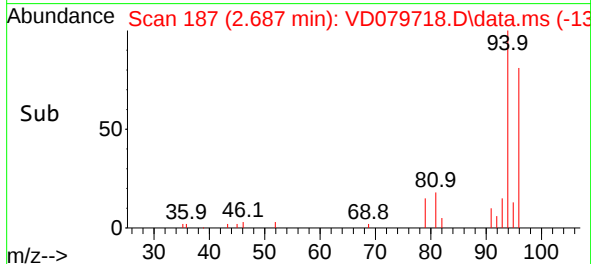
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Tgt Ion: 94 Resp: 1344
Ion Ratio Lower Upper
94 100
96 98.2 76.9 115.3

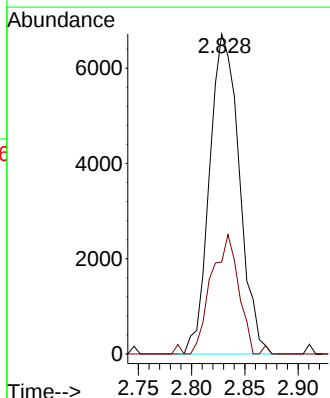
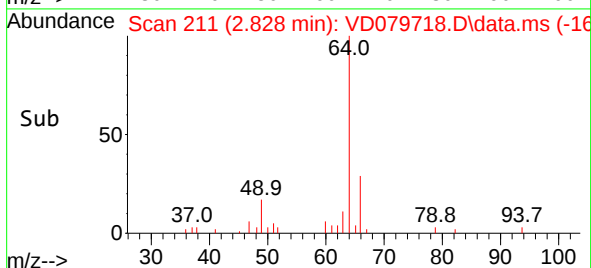
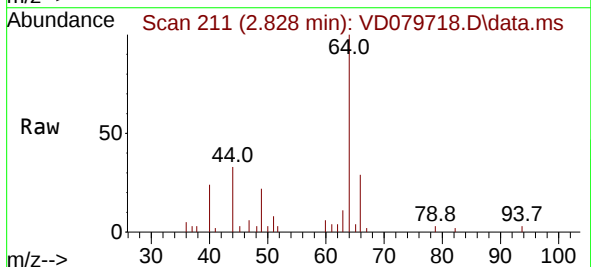
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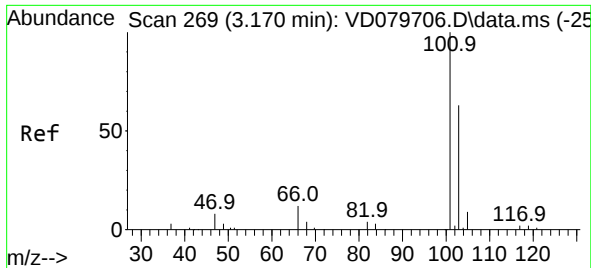
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#6
Chloroethane
Concen: 5.234 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

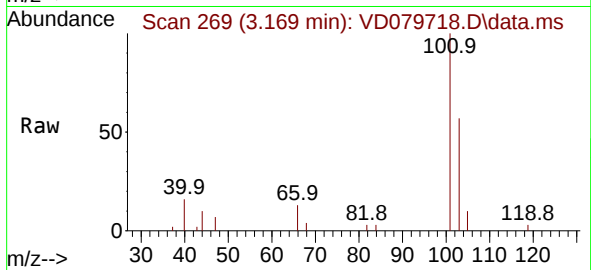
Tgt Ion: 64 Resp: 13055
Ion Ratio Lower Upper
64 100
66 28.8 24.5 36.7





#7
 Trichlorofluoromethane
 Concen: 4.951 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079718.D
 Acq: 13 Aug 2024 14:47

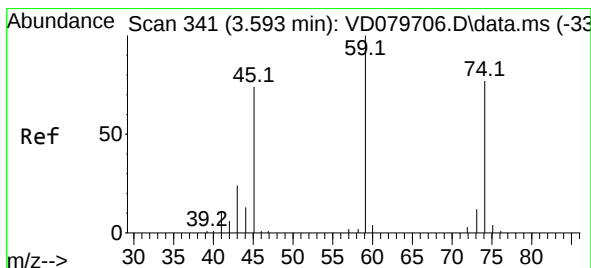
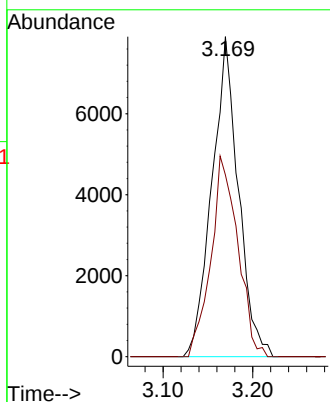
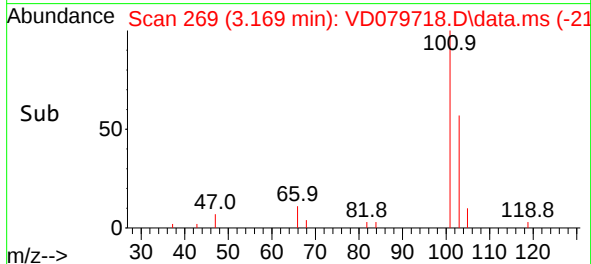
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 ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:101 Resp: 16180
 Ion Ratio Lower Upper
 101 100
 103 56.8 53.2 79.8

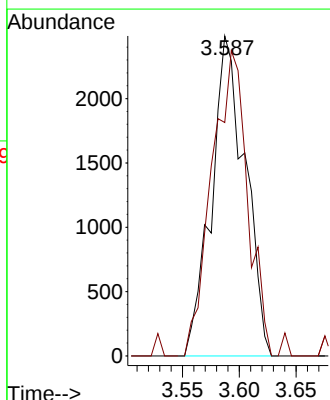
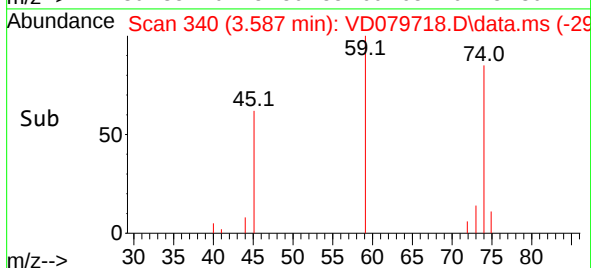
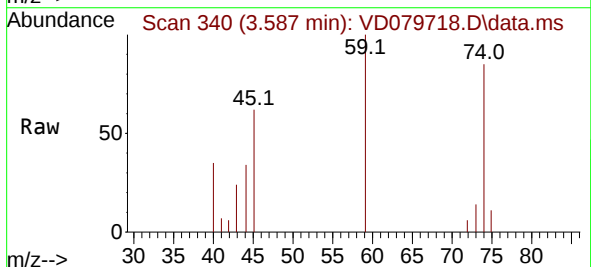
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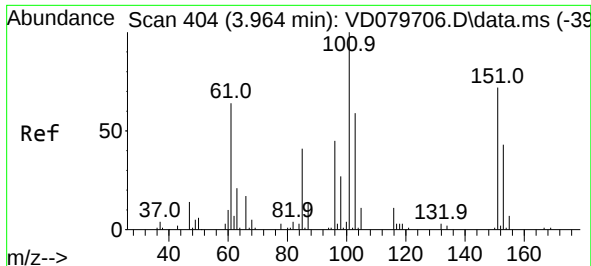
Reviewed By :Romaben Patel 08/14/2024
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#8
 Diethyl Ether
 Concen: 5.025 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD079718.D
 Acq: 13 Aug 2024 14:47

Tgt Ion: 74 Resp: 5135
 Ion Ratio Lower Upper
 74 100
 45 101.0 37.9 113.6





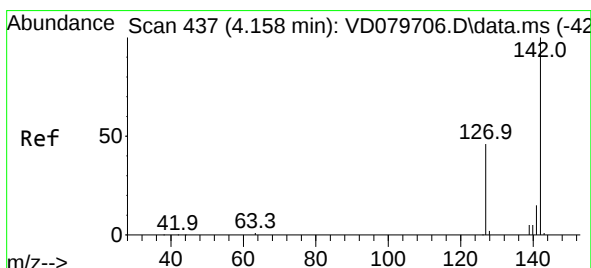
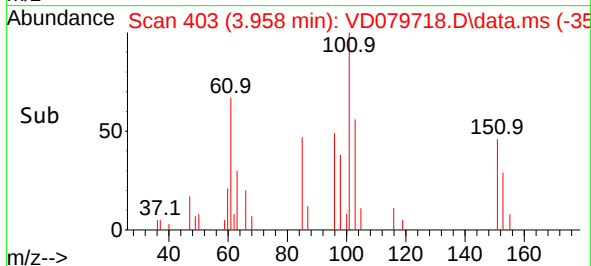
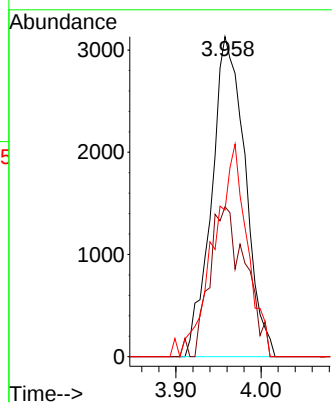
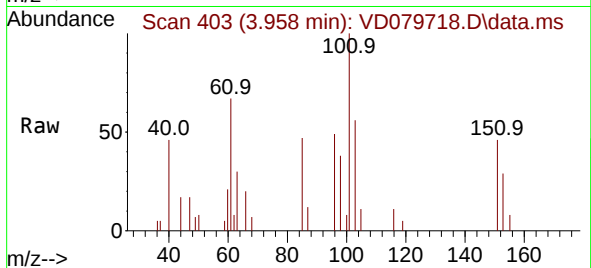
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.455 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:101 Resp: 8570
Ion Ratio Lower Upper
101 100
85 50.3 33.5 50.3
151 66.0 60.3 90.5

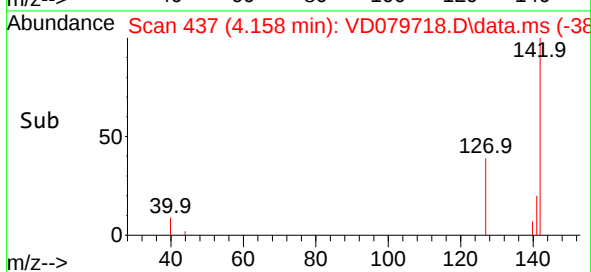
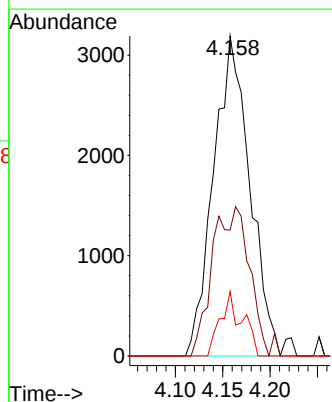
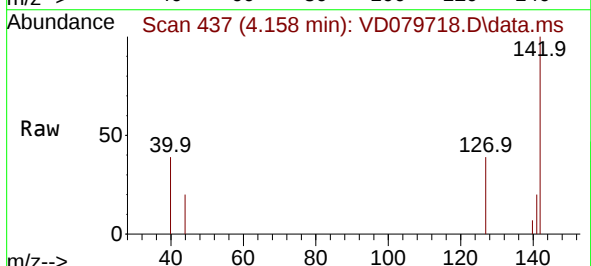
Manual Integrations
APPROVED

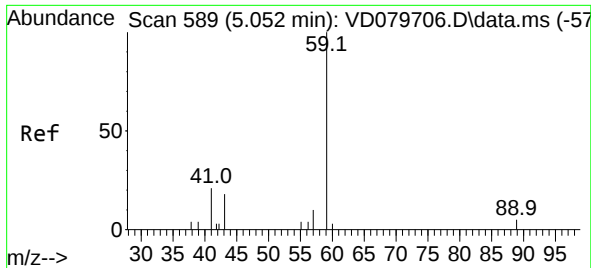
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#10
Methyl Iodide
Concen: 3.941 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

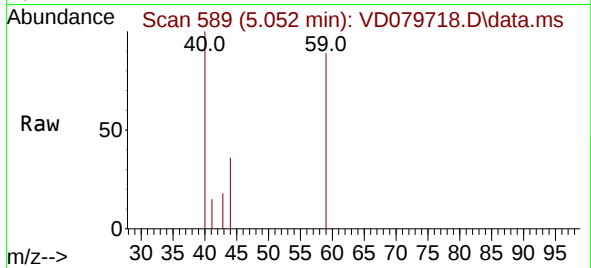
Tgt Ion:142 Resp: 8487
Ion Ratio Lower Upper
142 100
127 47.4 34.2 51.4
141 12.0 11.7 17.5





#11
Tert butyl alcohol
Concen: 28.249 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

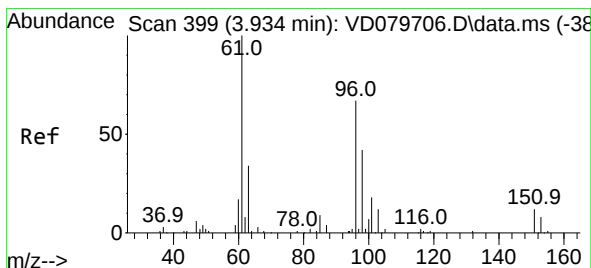
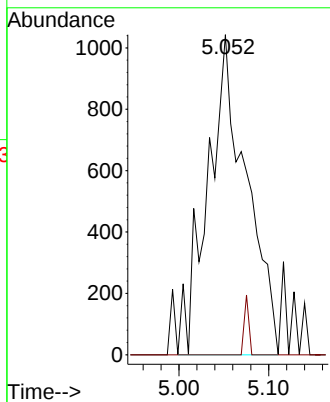
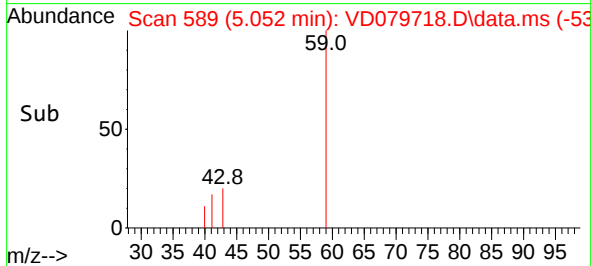
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



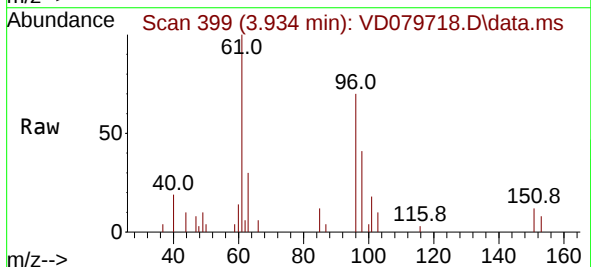
Tgt Ion: 59 Resp: 312
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4

Manual Integrations
APPROVED

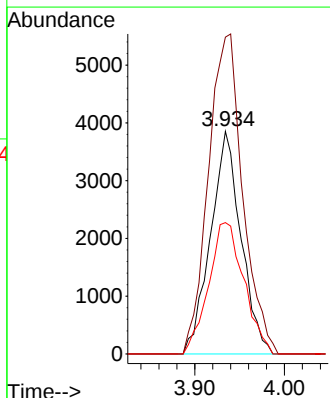
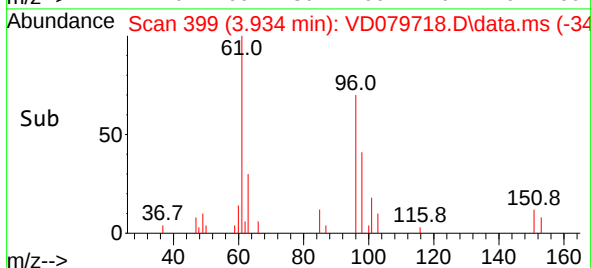
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#12
1,1-Dichloroethene
Concen: 4.510 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47



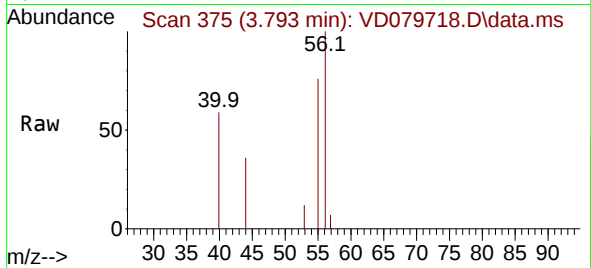
Tgt Ion: 96 Resp: 9073
Ion Ratio Lower Upper
96 100
61 142.4 107.3 160.9
98 59.0 51.7 77.5





#13
Acrolein
Concen: 26.497 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

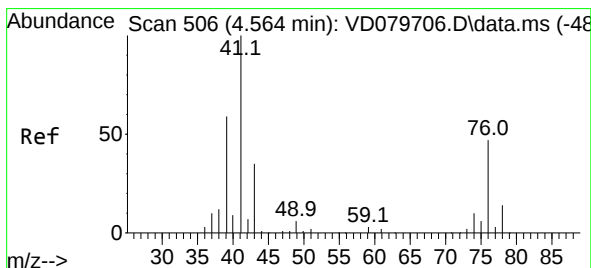
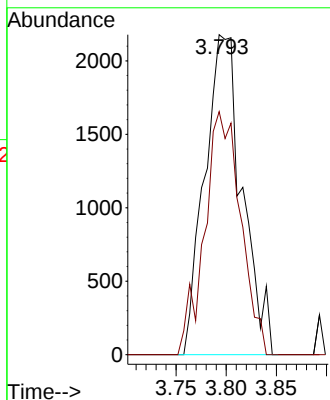
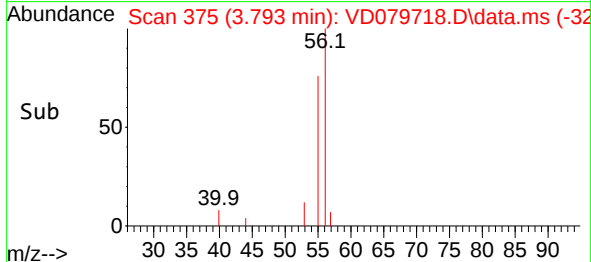
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 56 Resp: 5679
Ion Ratio Lower Upper
56 100
55 72.9 55.3 82.9

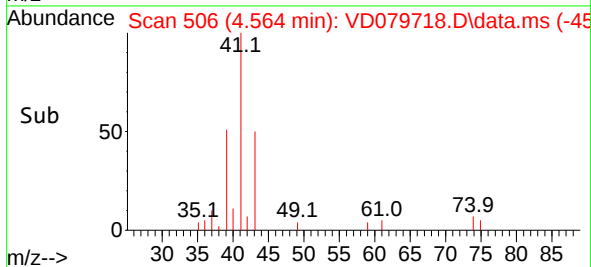
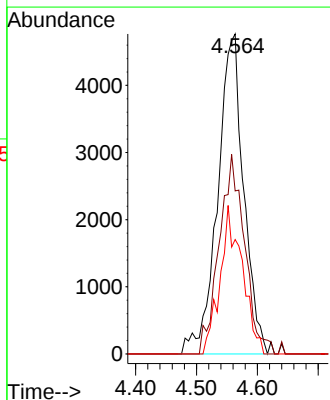
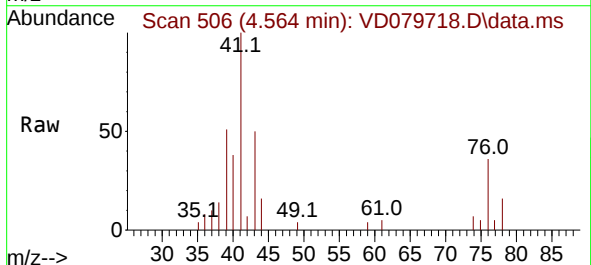
Manual Integrations
APPROVED

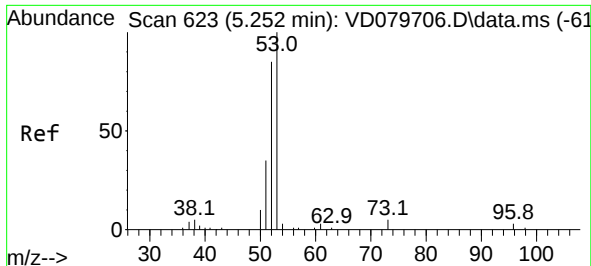
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#14
Allyl chloride
Concen: 4.720 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

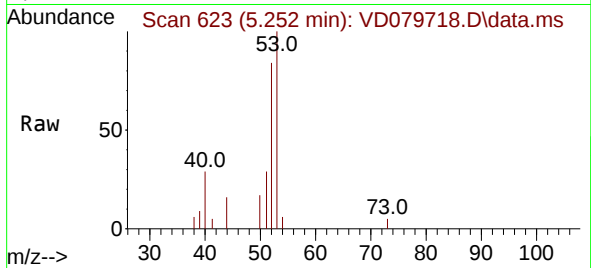
Tgt Ion: 41 Resp: 14241
Ion Ratio Lower Upper
41 100
39 60.7 58.0 87.0
76 39.3 45.9 68.9#





#15
Acrylonitrile
Concen: 23.960 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

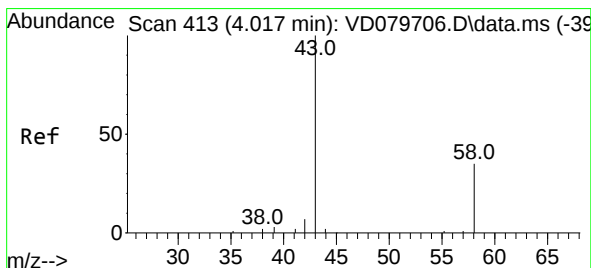
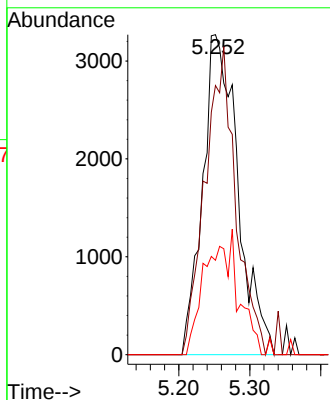
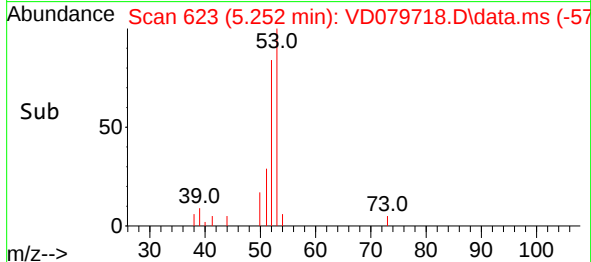
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 53 Resp: 1127
Ion Ratio Lower Upper
53 100
52 0.0 67.7 101.5
51 0.0 28.6 42.8

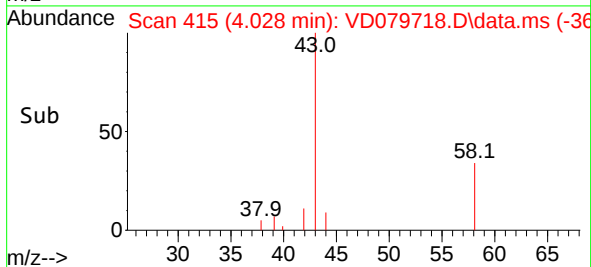
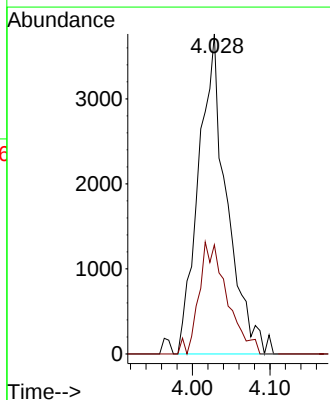
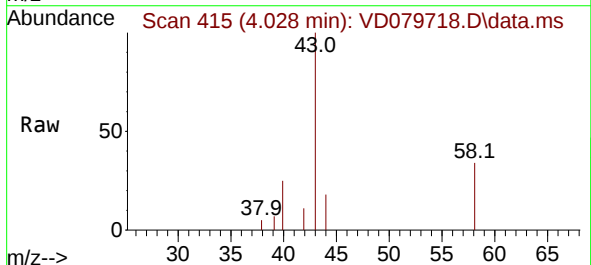
Manual Integrations
APPROVED

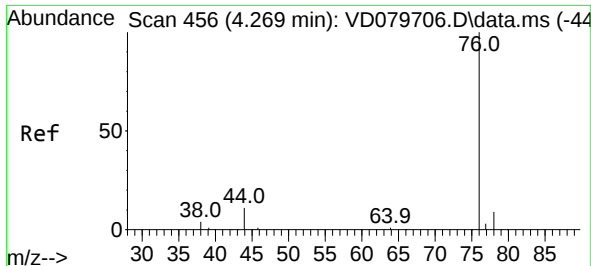
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#16
Acetone
Concen: 23.172 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

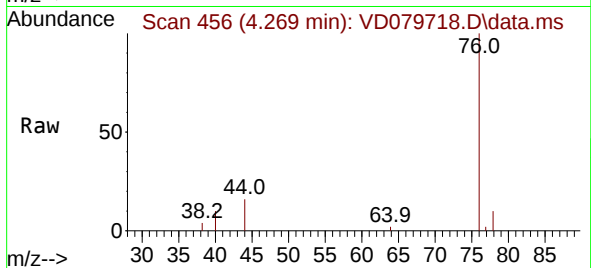
Tgt Ion: 43 Resp: 9536
Ion Ratio Lower Upper
43 100
58 34.1 30.4 45.6





#17
Carbon Disulfide
Concen: 4.870 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

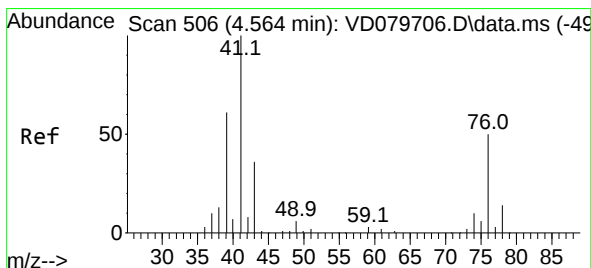
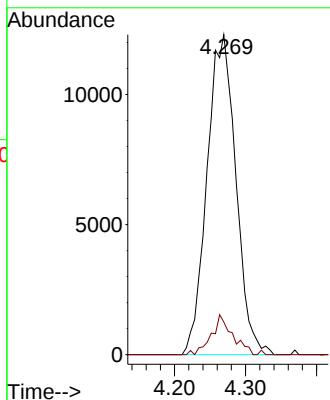
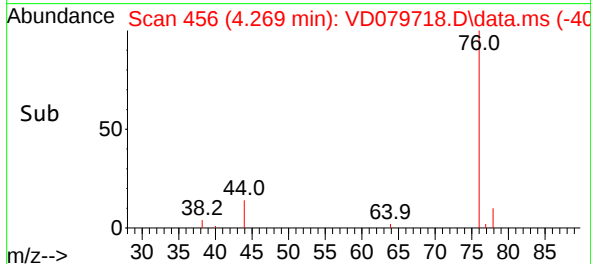
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



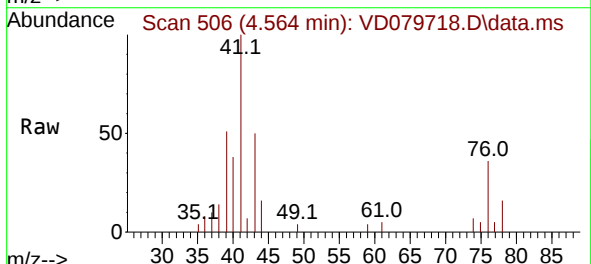
Tgt Ion: 76 Resp: 34720
Ion Ratio Lower Upper
76 100
78 10.2 6.9 10.3

Manual Integrations
APPROVED

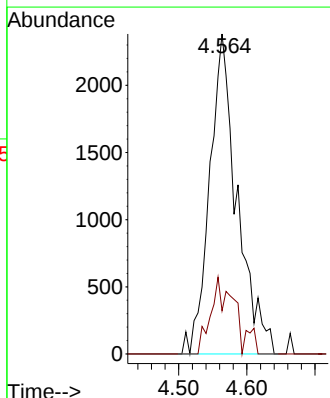
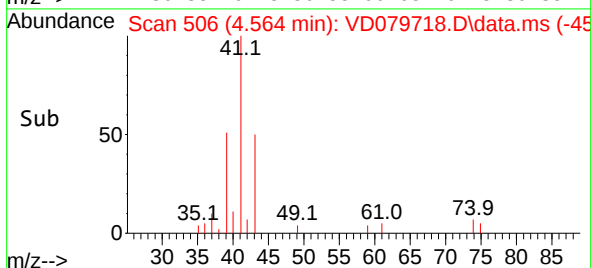
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

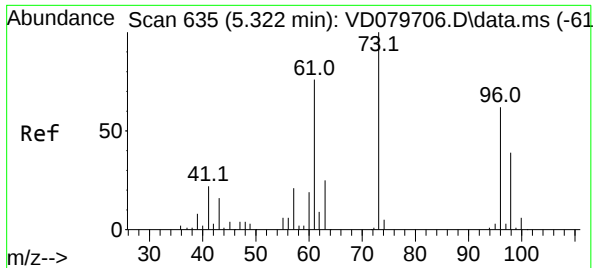


#18
Methyl Acetate
Concen: 5.329 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47



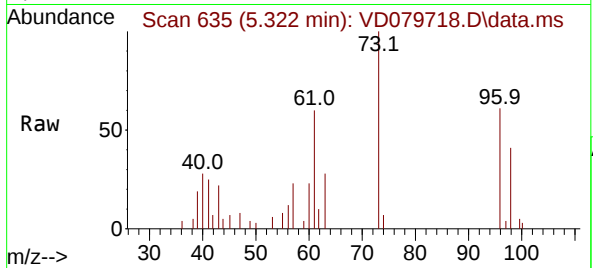
Tgt Ion: 43 Resp: 6690
Ion Ratio Lower Upper
43 100
74 10.0 28.1 42.1#





#19
Methyl tert-butyl Ether
Concen: 4.399 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

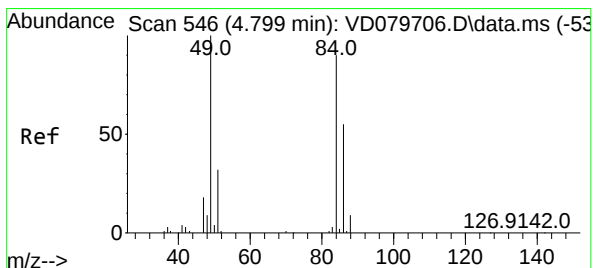
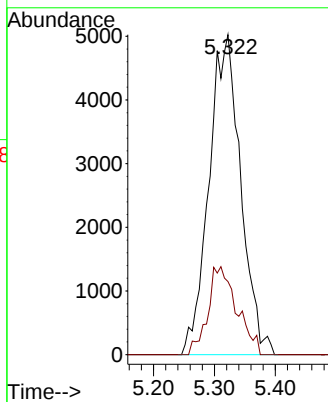
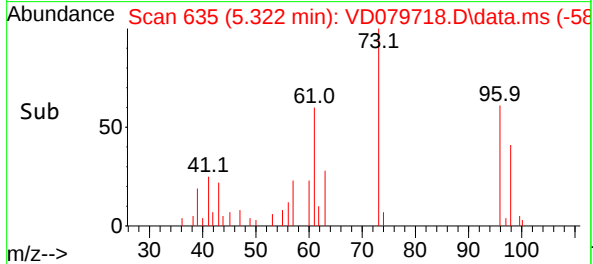
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 73 Resp: 1817
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5

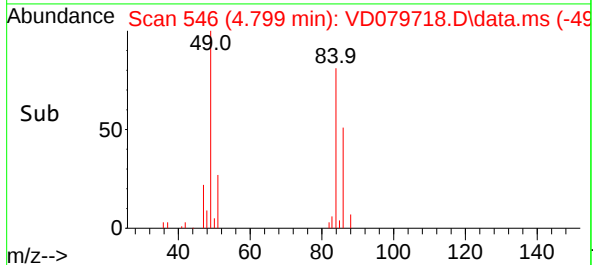
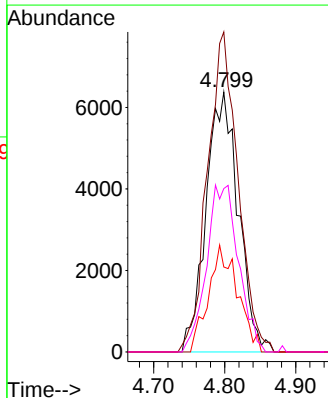
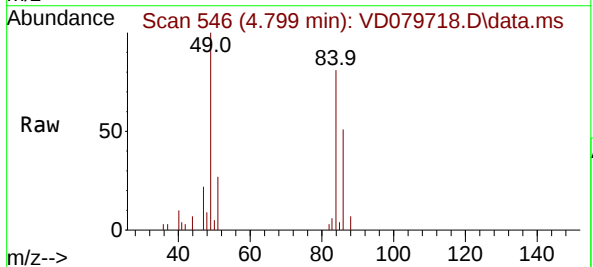
Manual Integrations
APPROVED

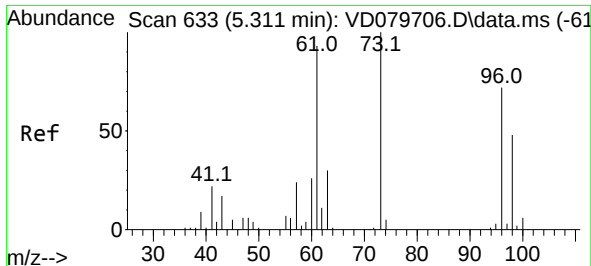
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#20
Methylene Chloride
Concen: 6.227 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

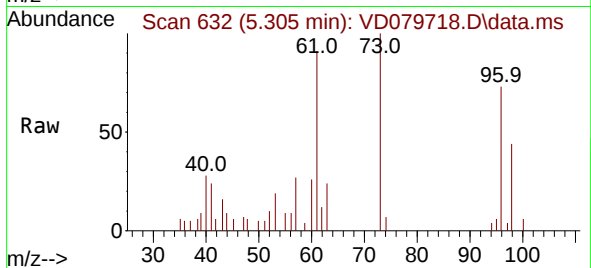
Tgt Ion: 84 Resp: 20084
Ion Ratio Lower Upper
84 100
49 123.2 75.6 113.4#
51 32.7 24.2 36.2
86 62.9 49.2 73.8





#21
trans-1,2-Dichloroethene
Concen: 4.867 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

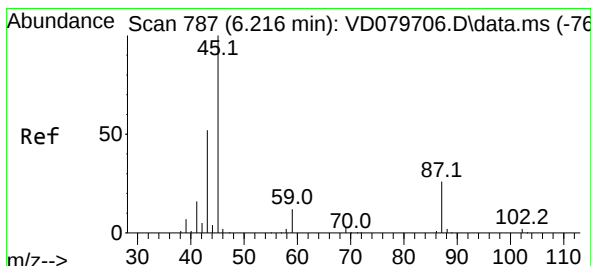
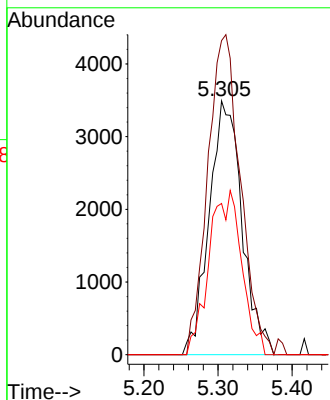
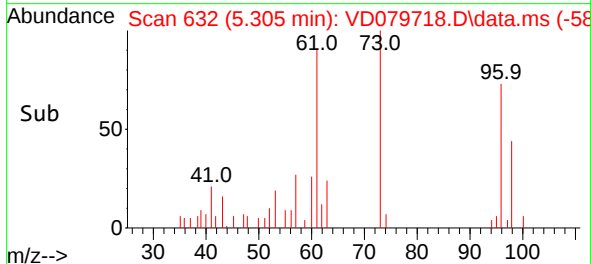
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 96 Resp: 10750
Ion Ratio Lower Upper
96 100
61 123.8 84.5 126.7
98 59.6 50.5 75.7

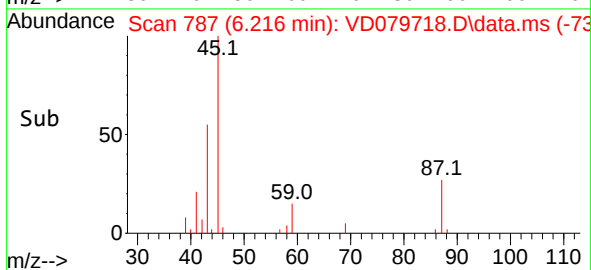
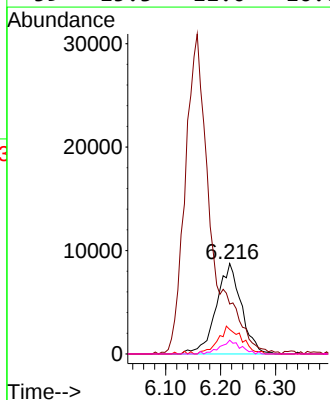
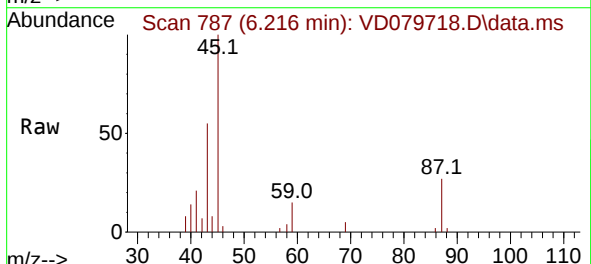
Manual Integrations
APPROVED

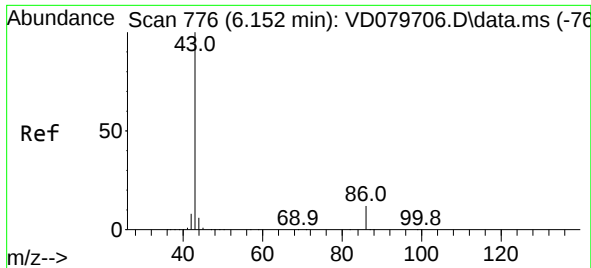
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#22
Diisopropyl ether
Concen: 4.452 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

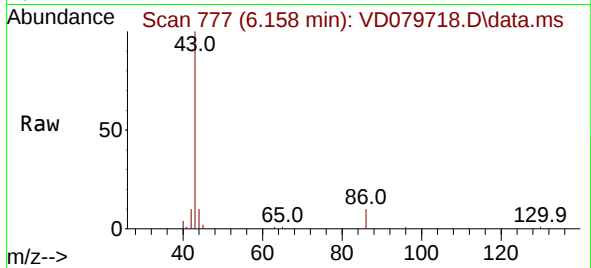
Tgt Ion: 45 Resp: 27682
Ion Ratio Lower Upper
45 100
43 52.9 41.7 62.5
87 27.1 30.2 45.2#
59 15.3 11.0 16.6





#23
 Vinyl Acetate
 Concen: 22.115 ug/l
 RT: 6.158 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VD079718.D
 Acq: 13 Aug 2024 14:47

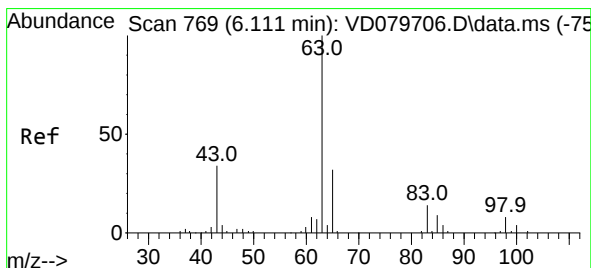
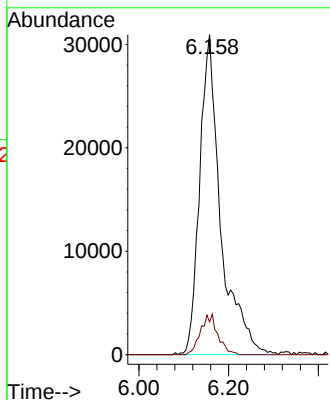
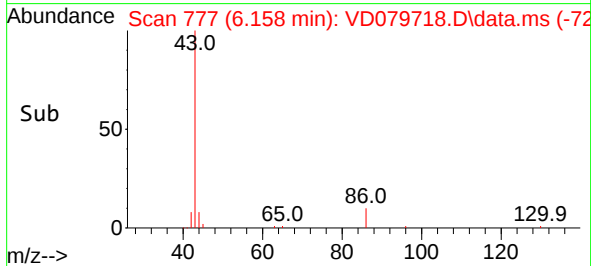
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024



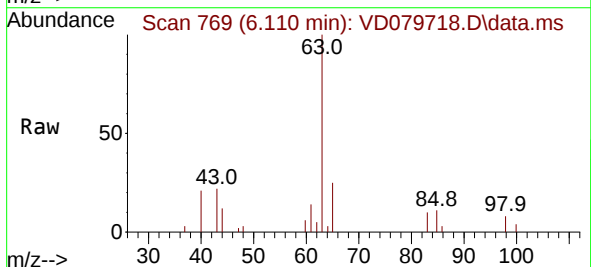
Tgt Ion: 43 Resp: 10078
 Ion Ratio Lower Upper
 43 100
 86 10.2 12.3 18.5

Manual Integrations
 APPROVED

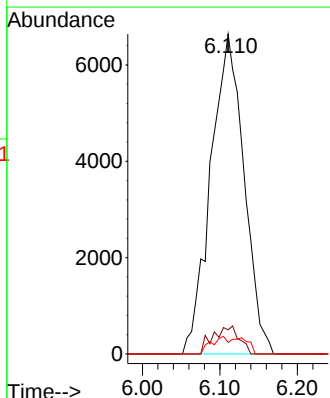
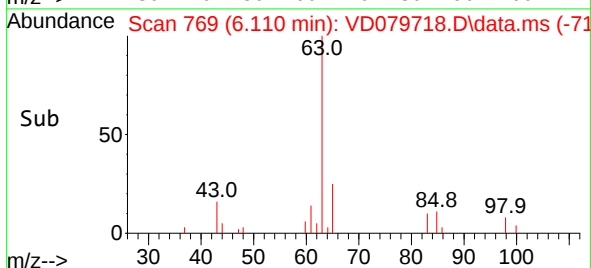
Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024

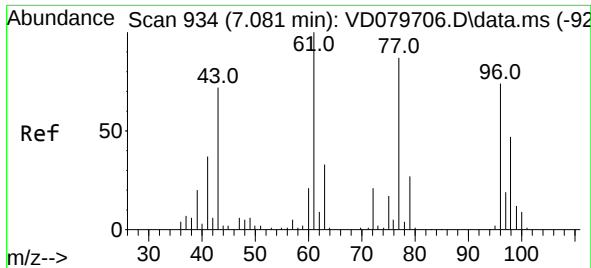


#24
 1,1-Dichloroethane
 Concen: 4.827 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD079718.D
 Acq: 13 Aug 2024 14:47



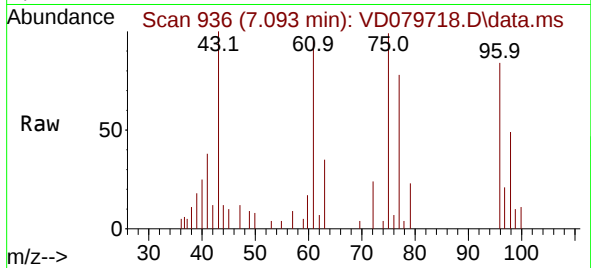
Tgt Ion: 63 Resp: 19841
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.7 14.0
 100 3.6 2.9 8.6





#25
2-Butanone
Concen: 22.402 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

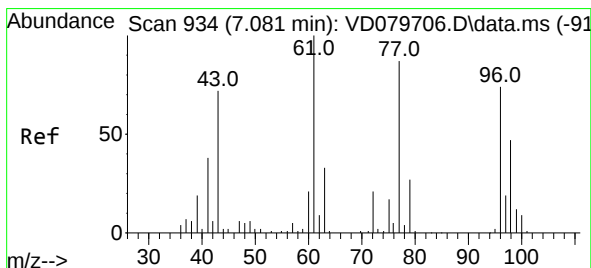
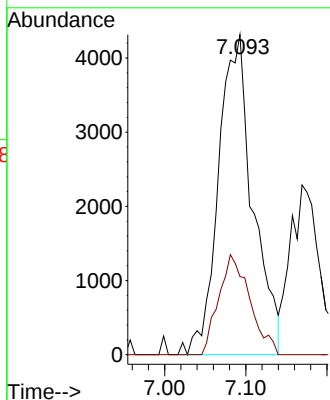
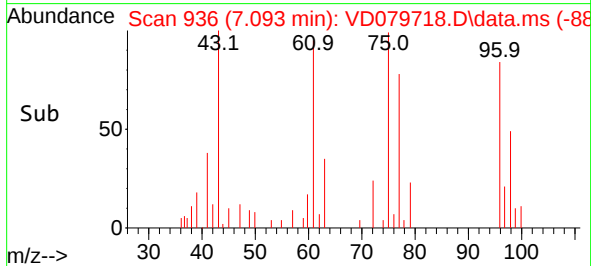
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



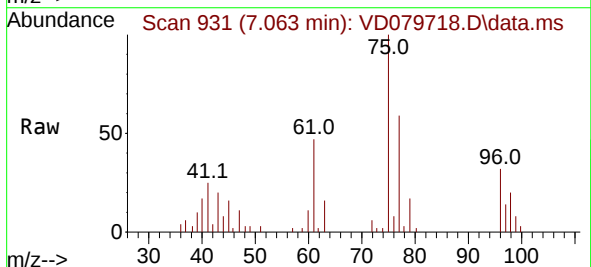
Tgt Ion: 43 Resp: 12690
Ion Ratio Lower Upper
43 100
72 24.4 26.4 39.6

Manual Integrations
APPROVED

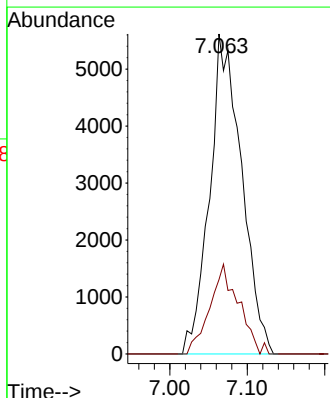
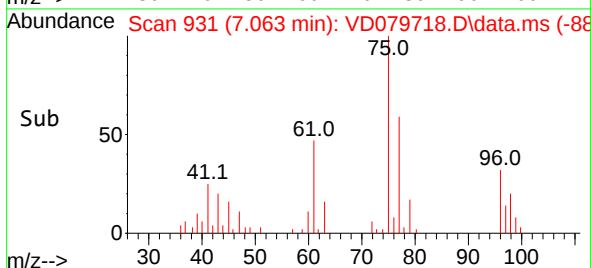
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

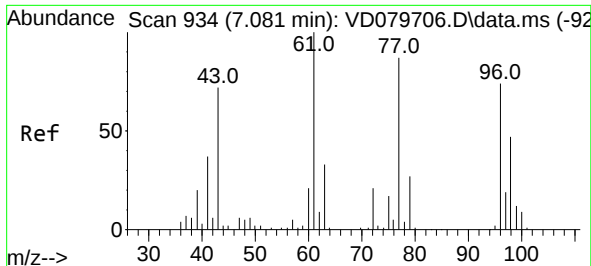


#26
2,2-Dichloropropane
Concen: 4.970 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47



Tgt Ion: 77 Resp: 16133
Ion Ratio Lower Upper
77 100
97 25.4 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 4.735 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

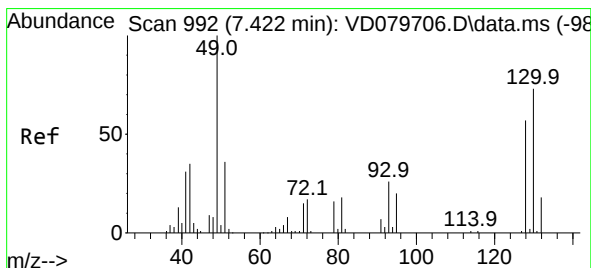
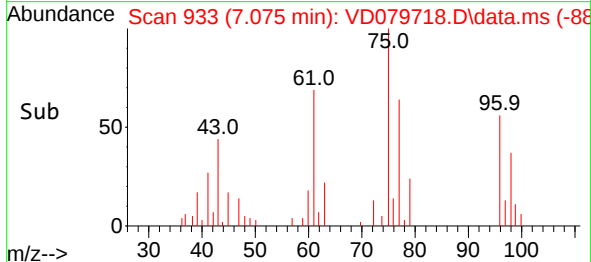
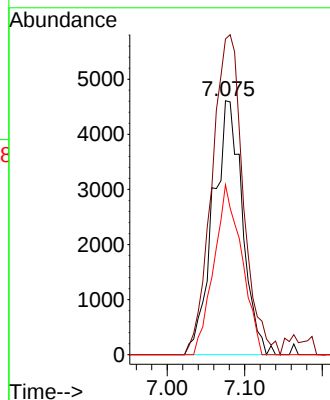
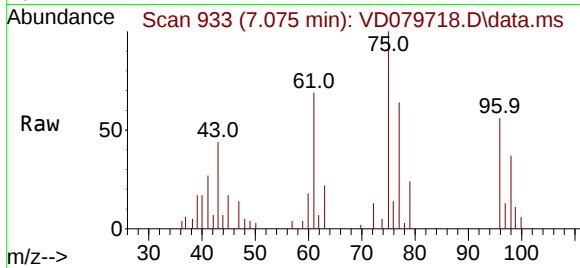
Tgt Ion: 96 Resp: 12130

Ion	Ratio	Lower	Upper
96	100		
61	134.3	0.0	229.0
98	63.2	0.0	127.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#28

Bromochloromethane

Concen: 5.012 ug/l

RT: 7.422 min Scan# 992

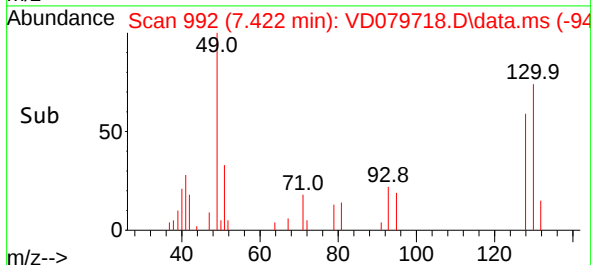
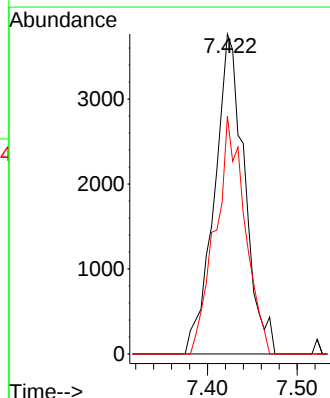
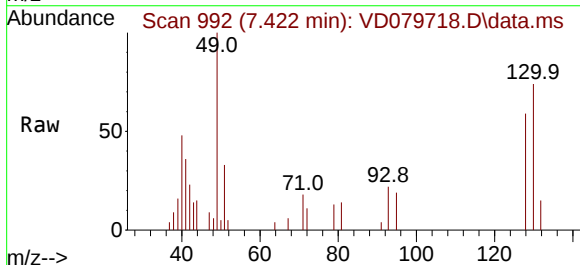
Delta R.T. -0.000 min

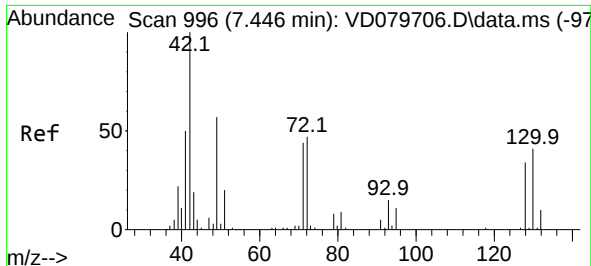
Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

Tgt Ion: 49 Resp: 8763

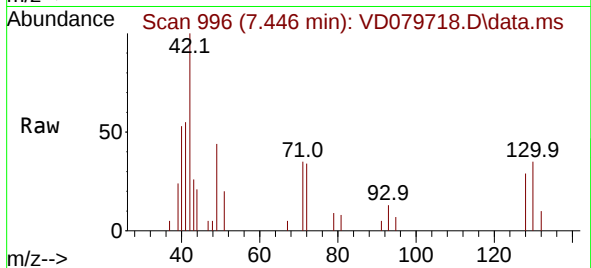
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	7.0
130	73.2	87.7	131.5#





#29
Tetrahydrofuran
Concen: 24.680 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

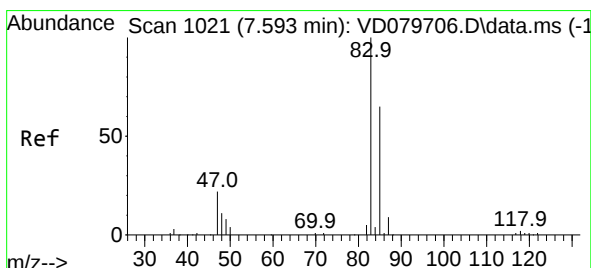
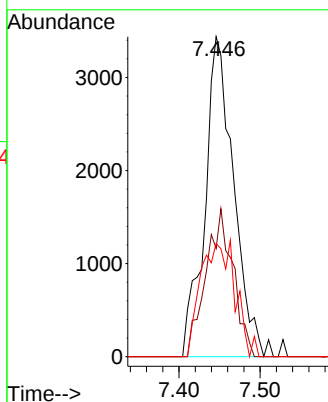
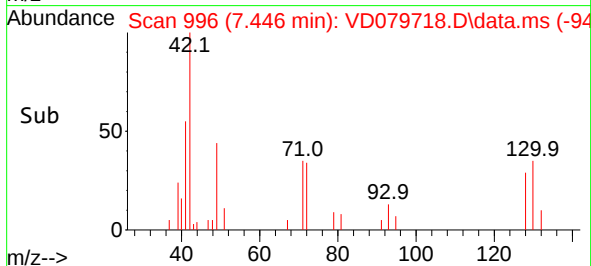
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 42 Resp: 8495
Ion Ratio Lower Upper
42 100
72 43.3 49.4 74.0
71 42.9 45.0 67.6

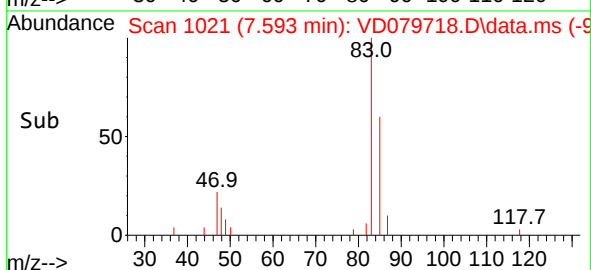
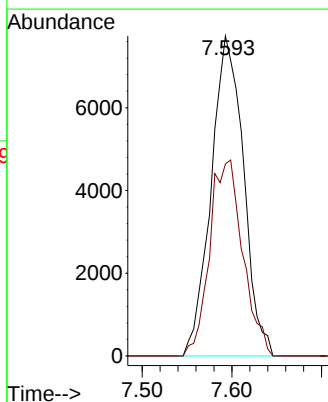
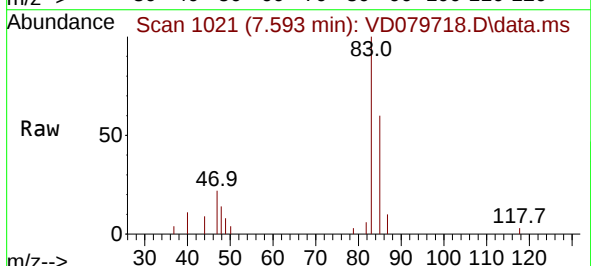
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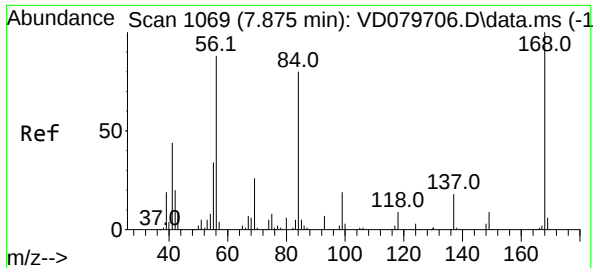
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#30
Chloroform
Concen: 4.857 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

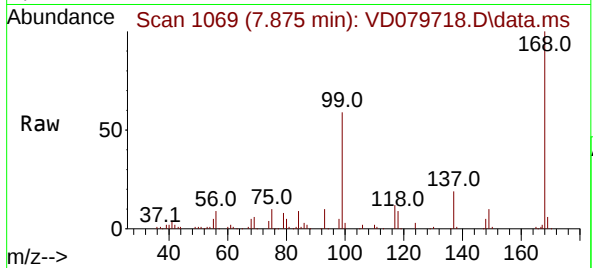
Tgt Ion: 83 Resp: 19384
Ion Ratio Lower Upper
83 100
85 60.0 51.8 77.6





#31
Cyclohexane
Concen: 5.016 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

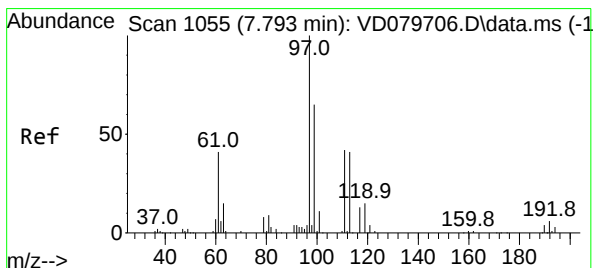
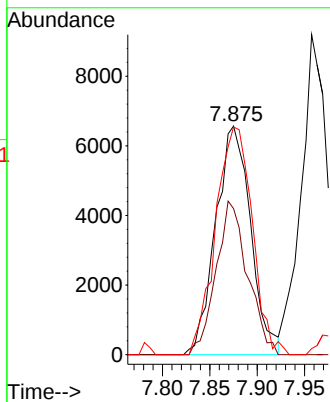
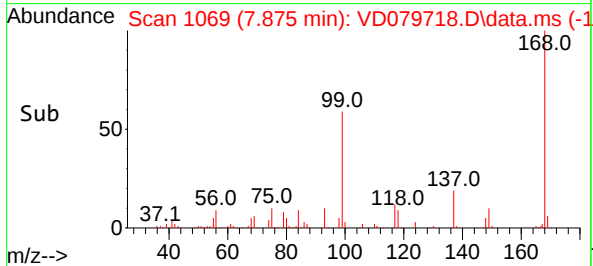
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 56 Resp: 16880
Ion Ratio Lower Upper
56 100
69 63.9 28.0 42.0
84 99.5 87.4 131.0

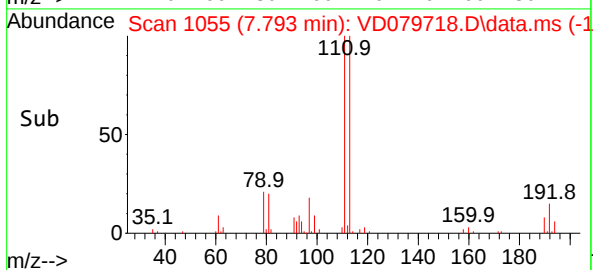
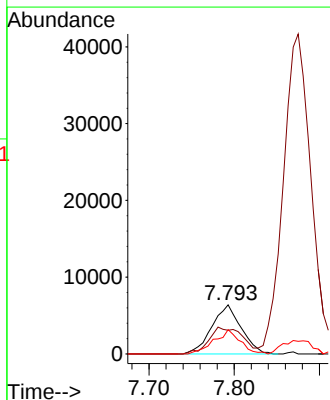
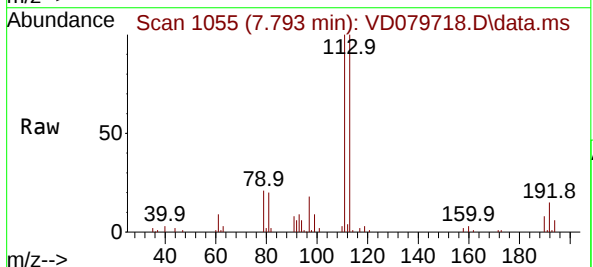
Manual Integrations
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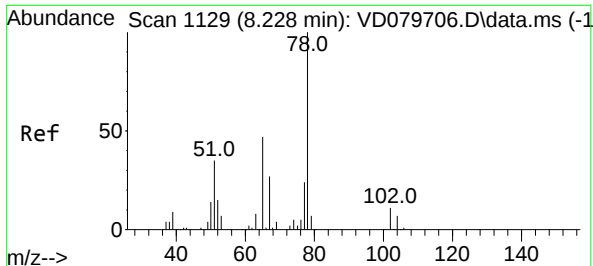
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#32
1,1,1-Trichloroethane
Concen: 4.624 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

Tgt Ion: 97 Resp: 15268
Ion Ratio Lower Upper
97 100
99 63.3 51.3 76.9
61 43.7 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 59.058 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 65 Resp: 108740

Ion Ratio Lower Upper

65 100

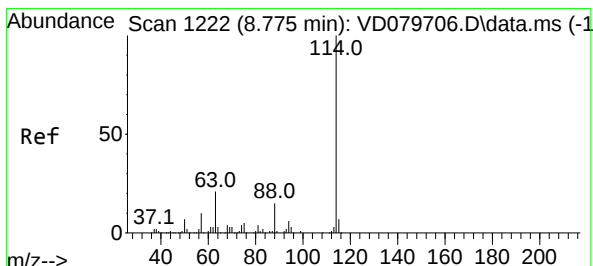
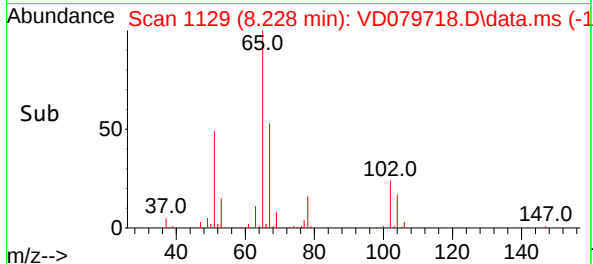
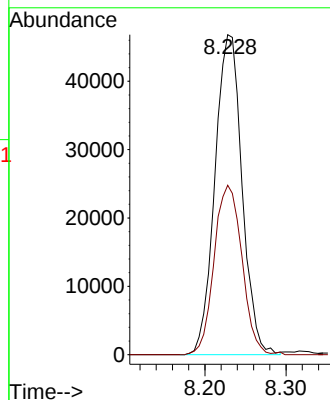
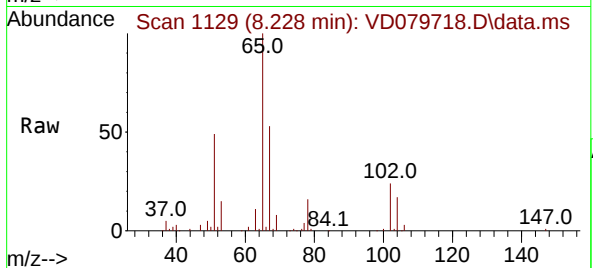
67 54.3 0.0 111.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024

Supervised By :Mahesh Dadoda 08/14/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

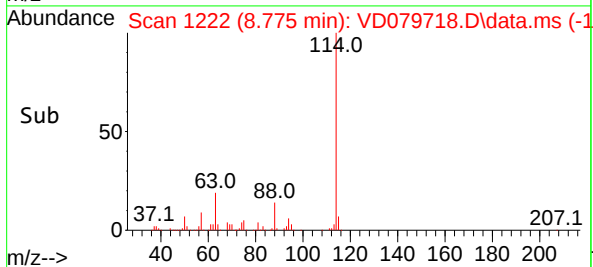
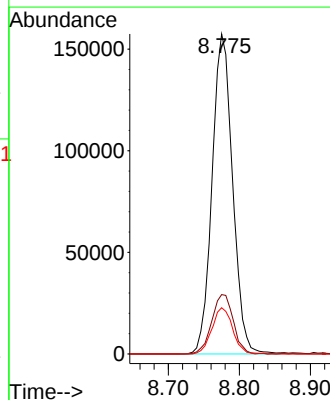
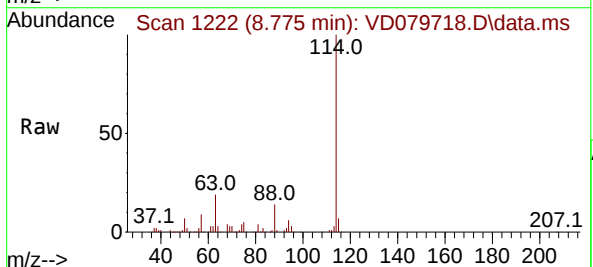
Tgt Ion:114 Resp: 315458

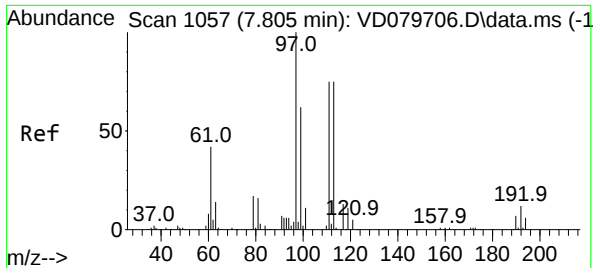
Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.0

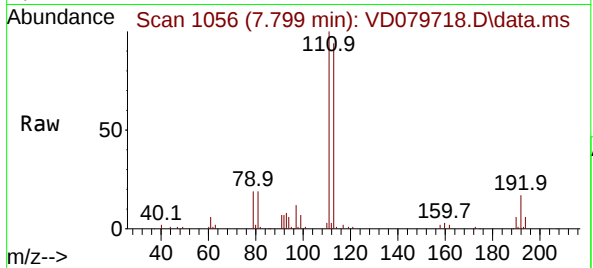
88 14.4 0.0 27.2





#35
 Dibromofluoromethane
 Concen: 56.066 ug/l
 RT: 7.799 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VD079718.D
 Acq: 13 Aug 2024 14:47

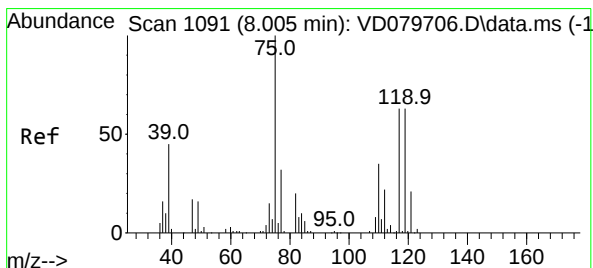
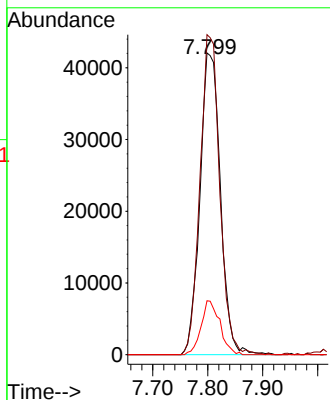
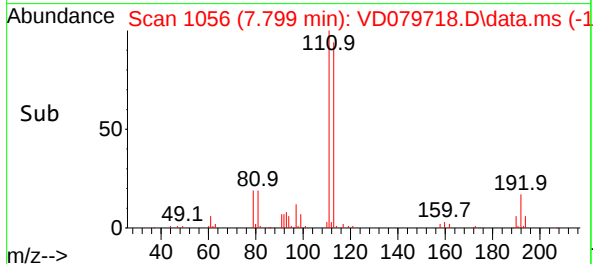
Instrument : MSVOA_D
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 113 Resp: 10903
 Ion Ratio Lower Upper
 113 100
 111 102.1 84.0 126.0
 192 16.4 15.4 23.0

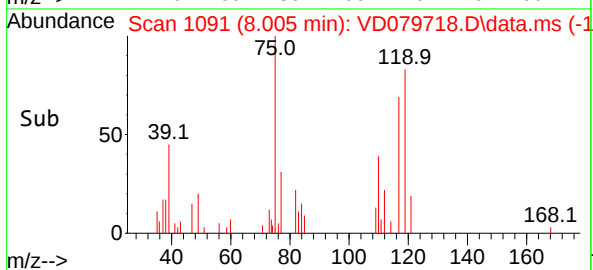
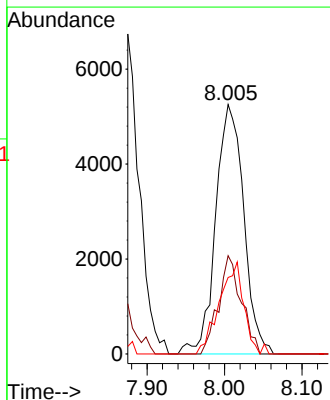
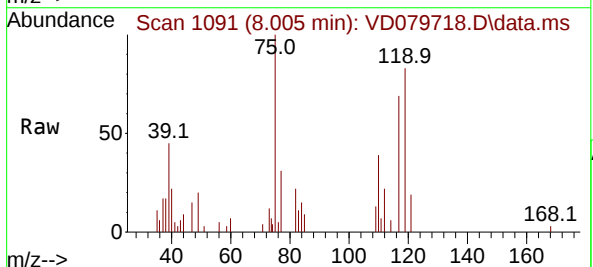
Manual Integrations
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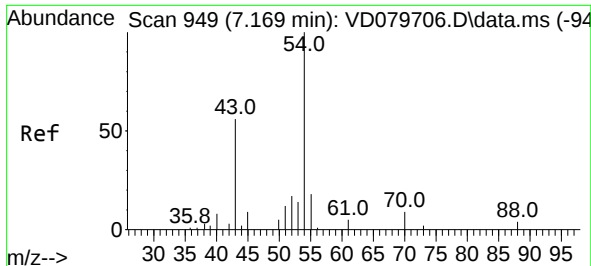
Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024



#36
 1,1-Dichloropropene
 Concen: 4.391 ug/l
 RT: 8.005 min Scan# 1091
 Delta R.T. -0.000 min
 Lab File: VD079718.D
 Acq: 13 Aug 2024 14:47

Tgt Ion: 75 Resp: 13237
 Ion Ratio Lower Upper
 75 100
 110 32.1 19.6 58.7
 77 31.7 26.1 39.1





#37

Ethyl Acetate

Concen: 4.386 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

Instrument :

MSVOA_D

ClientSampleId :

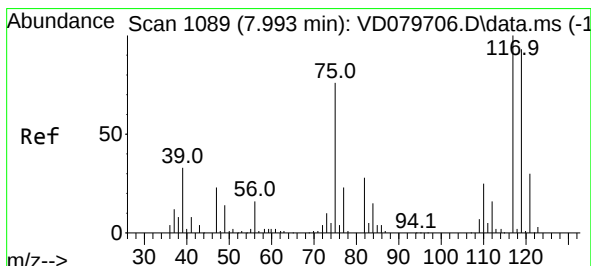
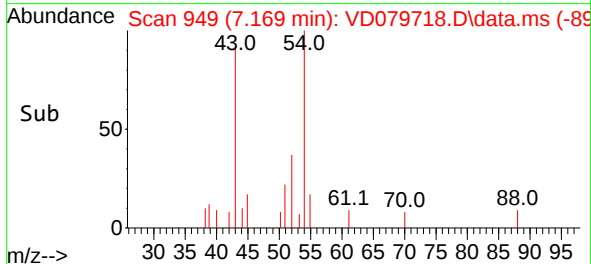
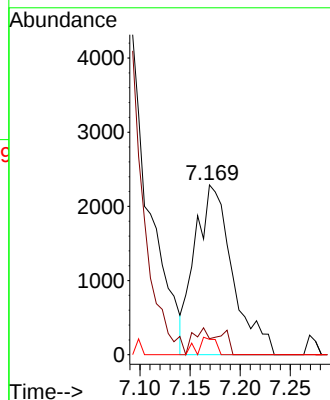
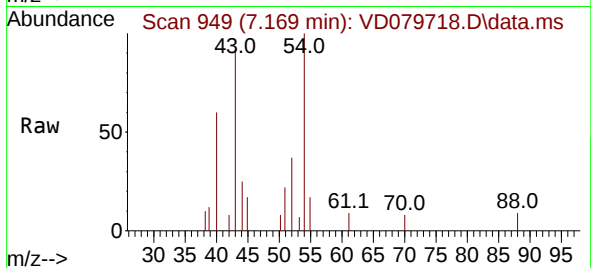
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 43	Resp: 5984
Ion Ratio	Lower Upper
43 100	
61 11.4	13.9 20.9
70 4.7	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#38

Carbon Tetrachloride

Concen: 4.495 ug/l

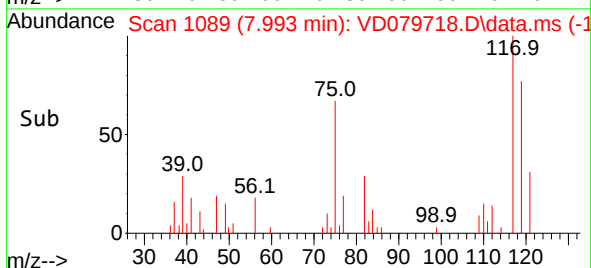
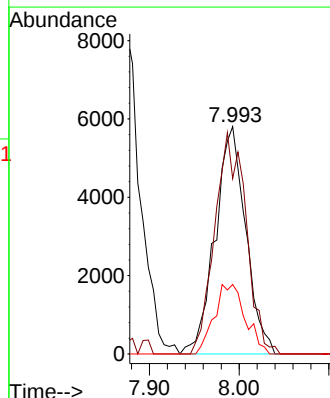
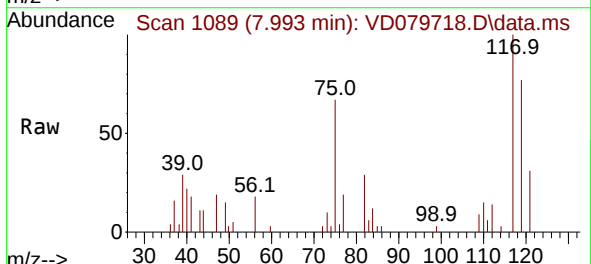
RT: 7.993 min Scan# 1089

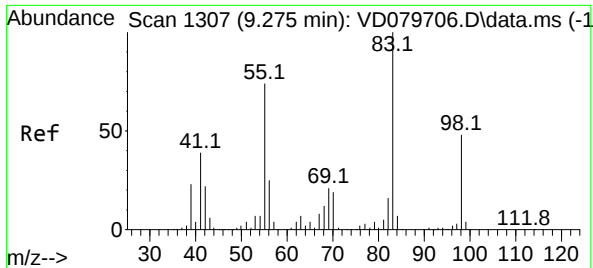
Delta R.T. -0.000 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

Tgt Ion: 117	Resp: 13755
Ion Ratio	Lower Upper
117 100	
119 77.1	75.4 113.0
121 30.5	25.0 37.4





#39

Methylcyclohexane

Concen: 3.909 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

Instrument :

MSVOA_D

ClientSampleId :

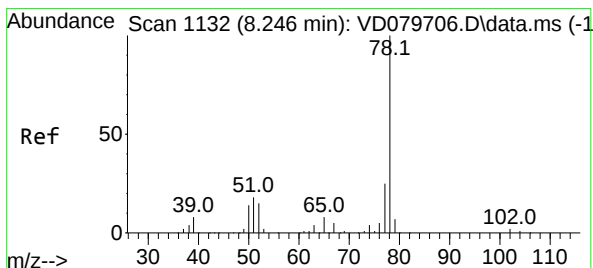
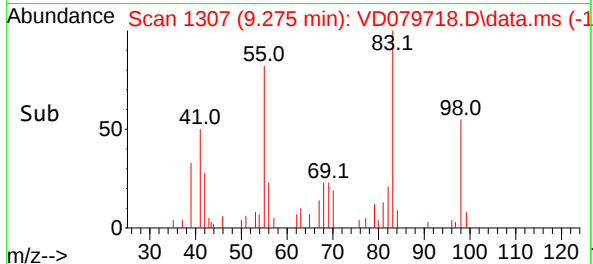
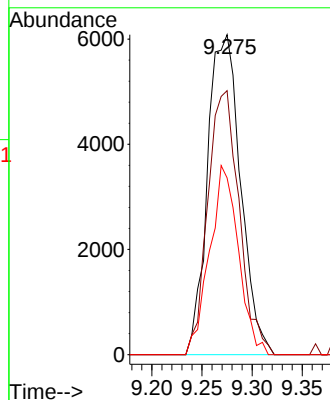
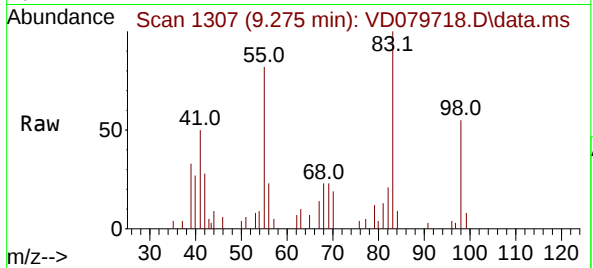
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 83	Resp: 13929
Ion Ratio	Lower Upper
83	100
55	82.5 50.1 75.1
98	55.2 41.9 62.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#40

Benzene

Concen: 4.598 ug/l

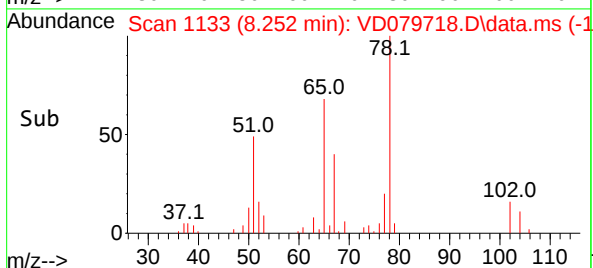
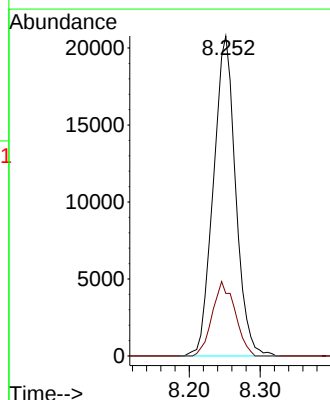
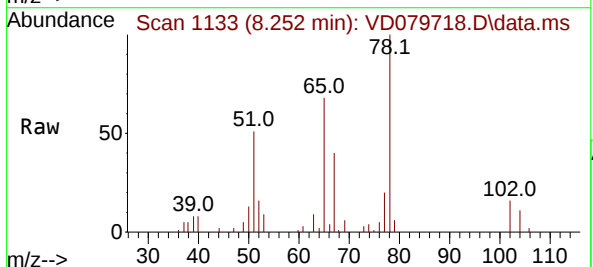
RT: 8.252 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

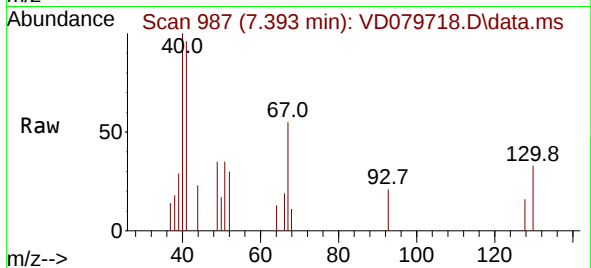
Tgt Ion: 78	Resp: 45076
Ion Ratio	Lower Upper
78	100
77	19.5 18.1 27.1





#41
Methacrylonitrile
Concen: 3.090 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

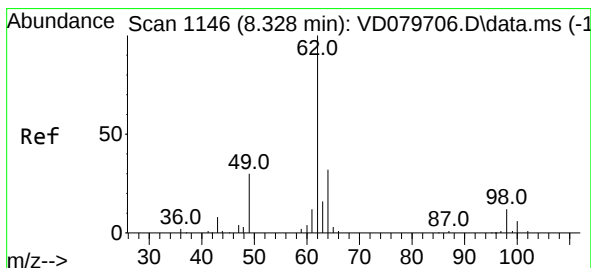
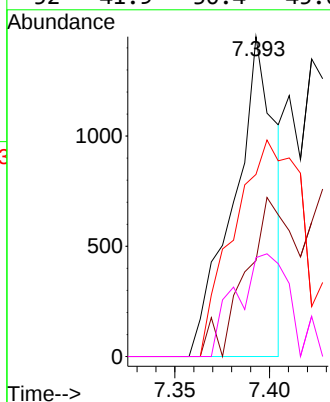
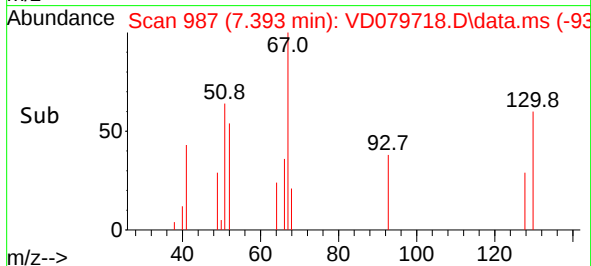
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 41 Resp: 2220
Ion Ratio Lower Upper
41 100
39 58.2 41.4 62.0
67 124.2 85.8 128.6
52 41.9 30.4 45.6

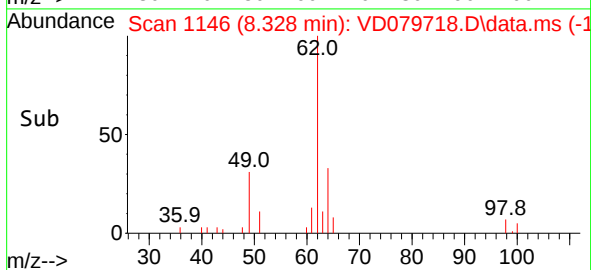
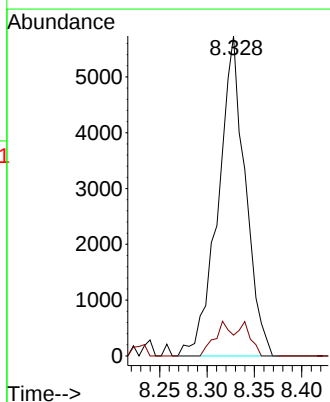
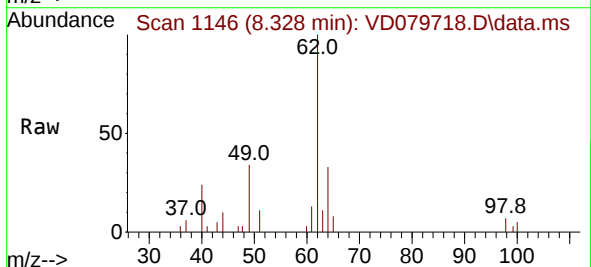
Manual Integrations
APPROVED

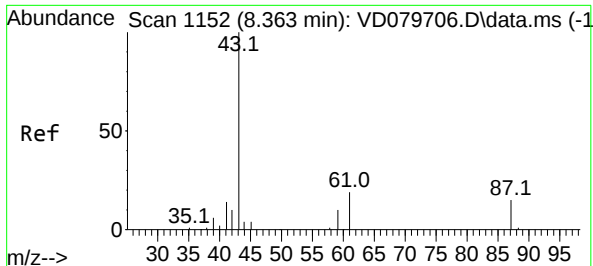
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#42
1,2-Dichloroethane
Concen: 5.042 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

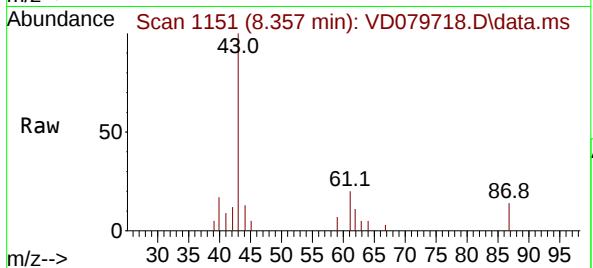
Tgt Ion: 62 Resp: 11426
Ion Ratio Lower Upper
62 100
98 6.9 0.0 25.8





#43
Isopropyl Acetate
Concen: 5.008 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

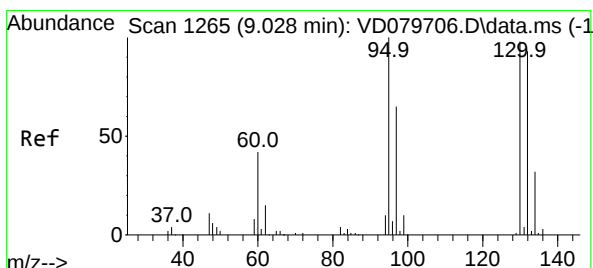
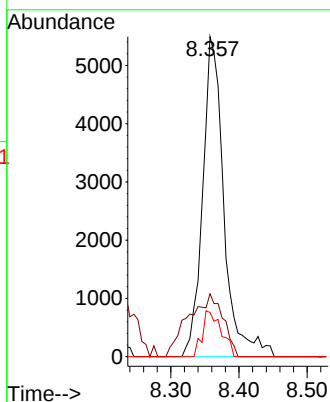
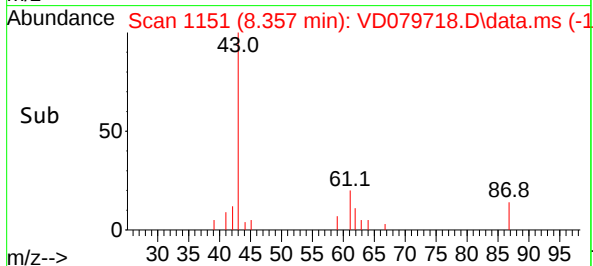
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 43 Resp: 1191
Ion Ratio Lower Upper
43 100
61 31.8 29.3 43.9
87 12.7 14.9 22.3

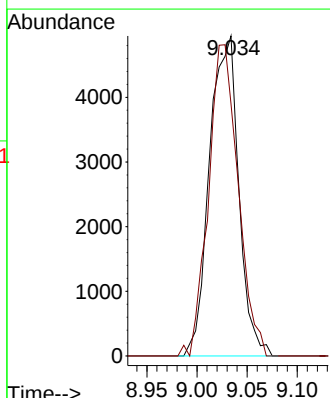
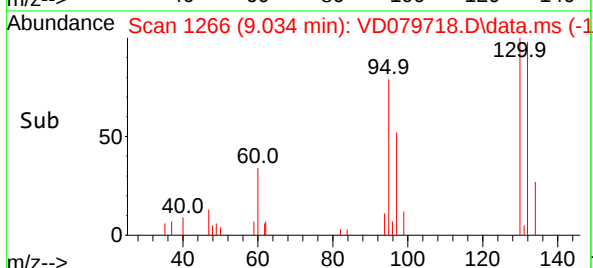
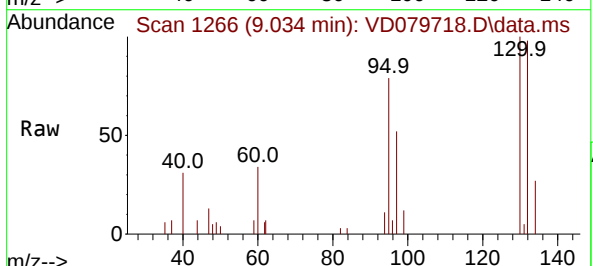
Manual Integrations
APPROVED

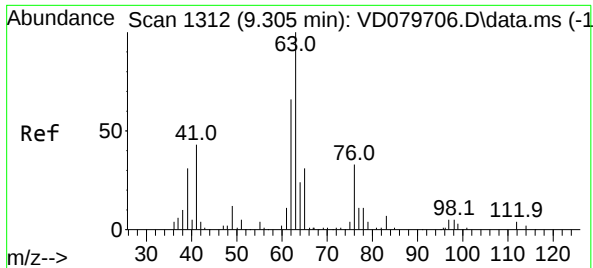
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#44
Trichloroethene
Concen: 4.652 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

Tgt Ion:130 Resp: 10017
Ion Ratio Lower Upper
130 100
95 78.8 0.0 177.8





#45

1,2-Dichloropropane

Concen: 4.417 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD079718.D

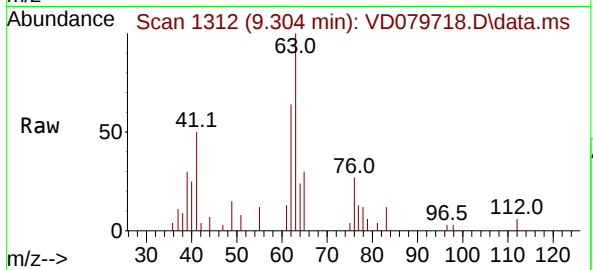
Acq: 13 Aug 2024 14:47

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

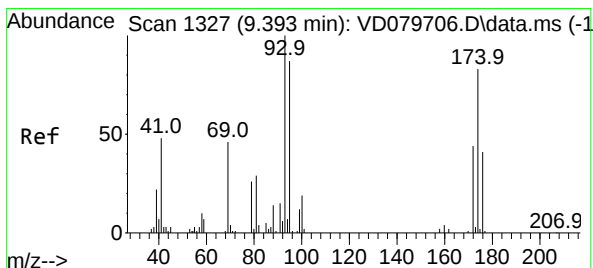
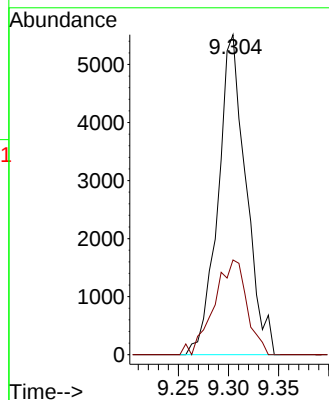
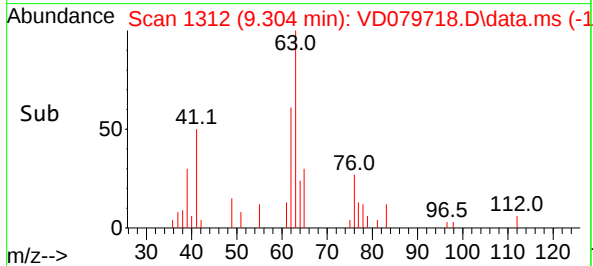


Tgt Ion:	63	Resp:	10660
Ion Ratio	100	Lower	Upper
63	100		
65	29.6	23.8	35.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#46

Dibromomethane

Concen: 4.543 ug/l

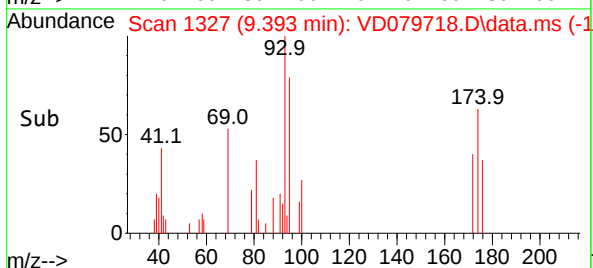
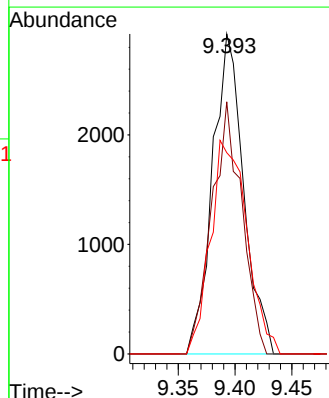
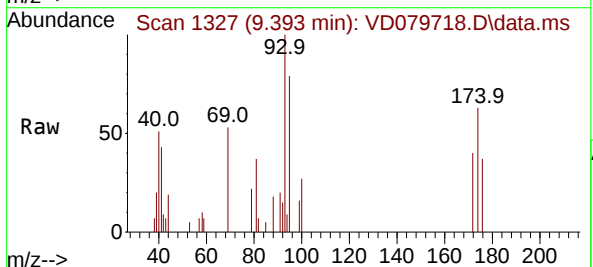
RT: 9.393 min Scan# 1327

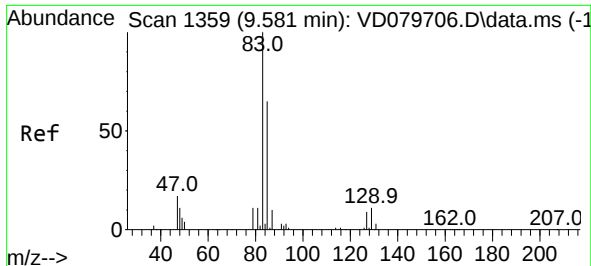
Delta R.T. -0.000 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

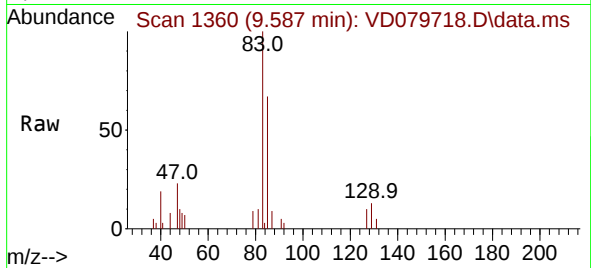
Tgt Ion:	93	Resp:	5551
Ion Ratio	100	Lower	Upper
93	100		
95	76.3	65.6	98.4
174	78.4	82.3	123.5#





#47
Bromodichloromethane
Concen: 4.500 ug/l
RT: 9.587 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

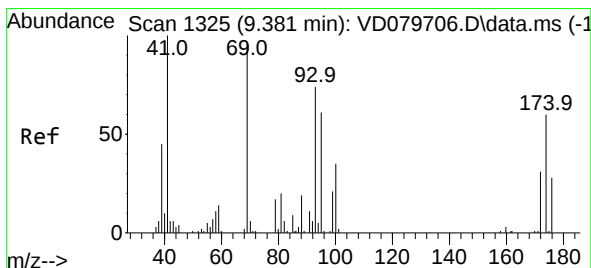
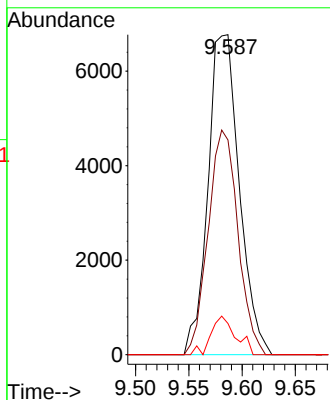
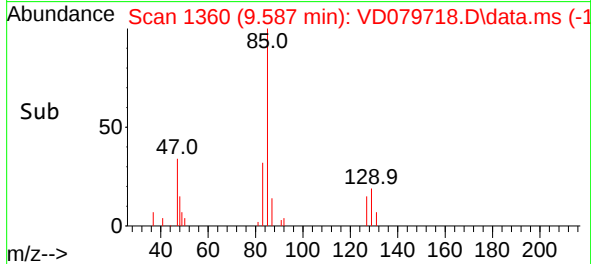
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 83 Resp: 1386
Ion Ratio Lower Upper
83 100
85 67.1 50.1 75.1
127 9.7 6.8 10.2

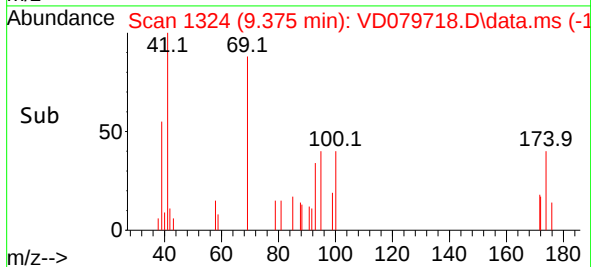
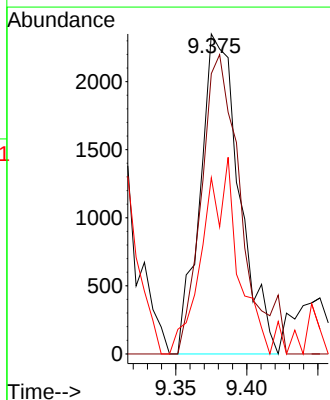
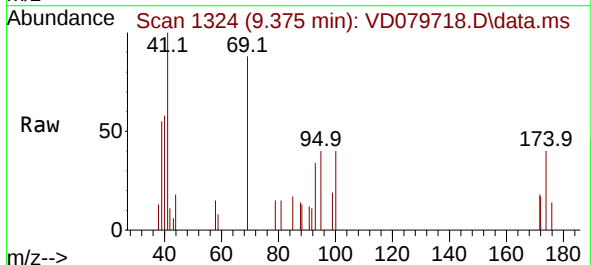
Manual Integrations
APPROVED

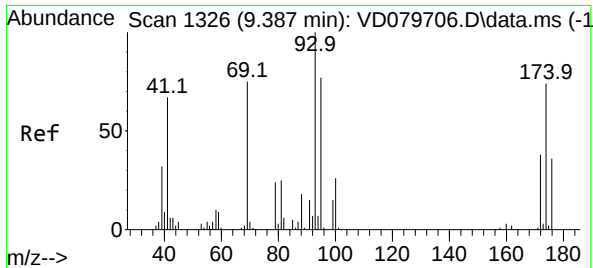
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#48
Methyl methacrylate
Concen: 4.110 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

Tgt Ion: 41 Resp: 4498
Ion Ratio Lower Upper
41 100
69 94.6 96.7 145.1#
39 54.4 43.8 65.6





#49

1,4-Dioxane

Concen: 97.590 ug/l

RT: 9.381 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

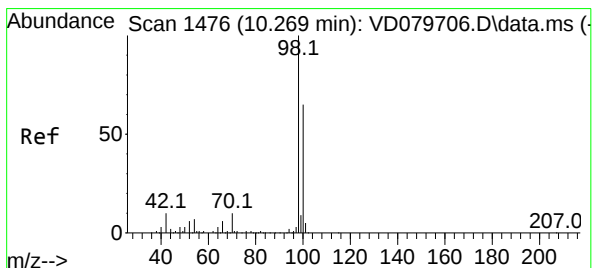
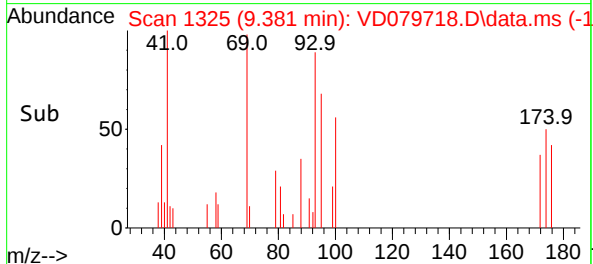
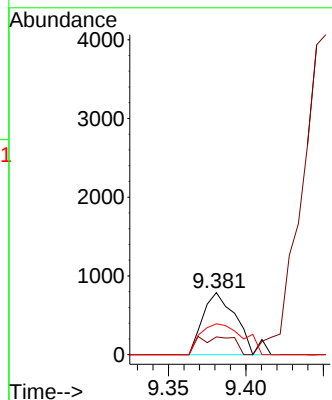
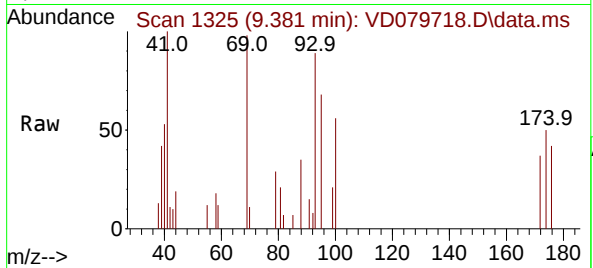
Tgt Ion: 88 Resp: 1200

Ion	Ratio	Lower	Upper
88	100		
43	30.5	21.5	32.3
58	62.0	42.2	63.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#50

Toluene-d8

Concen: 54.164 ug/l

RT: 10.269 min Scan# 1476

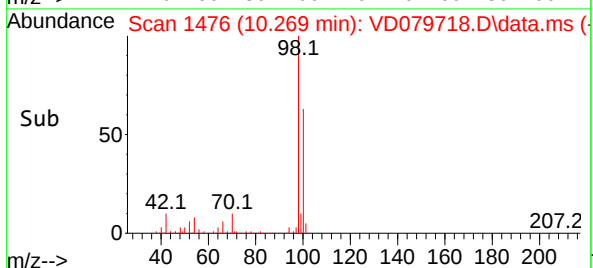
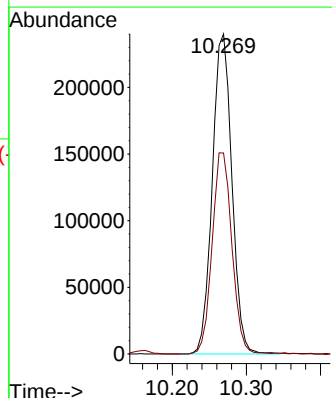
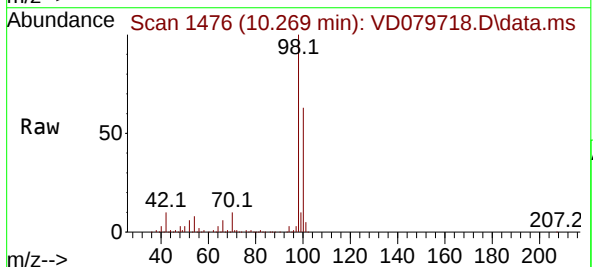
Delta R.T. -0.000 min

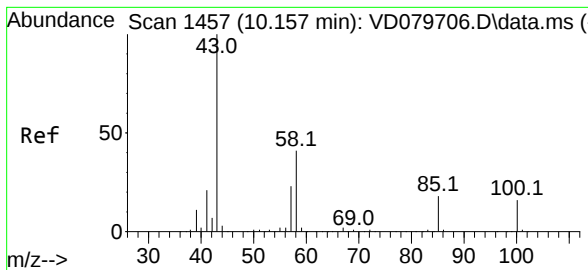
Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

Tgt Ion: 98 Resp: 440252

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.6	77.4





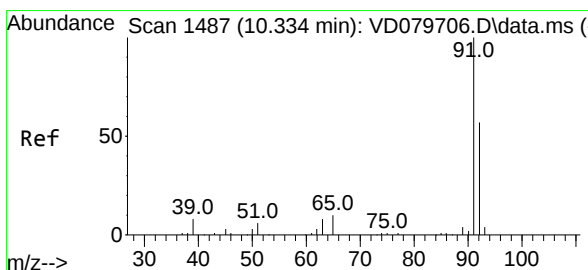
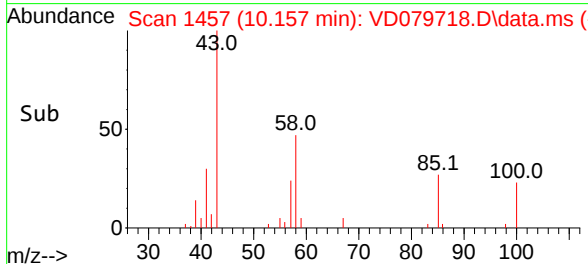
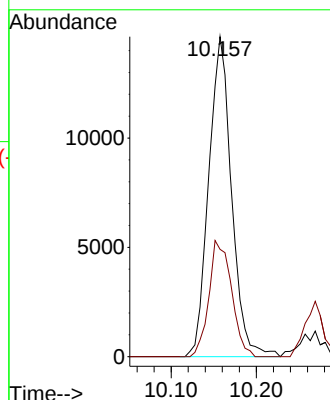
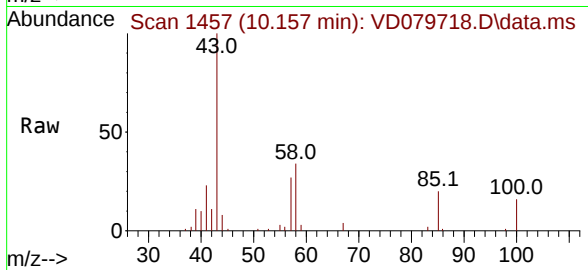
#51
4-Methyl-2-Pentanone
Concen: 22.263 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 43 Resp: 2725
Ion Ratio Lower Upper
43 100
58 35.9 36.6 55.0

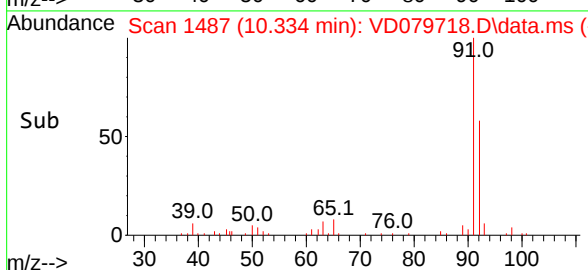
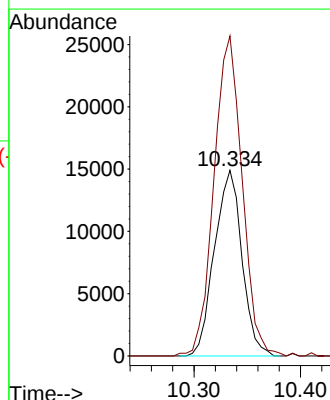
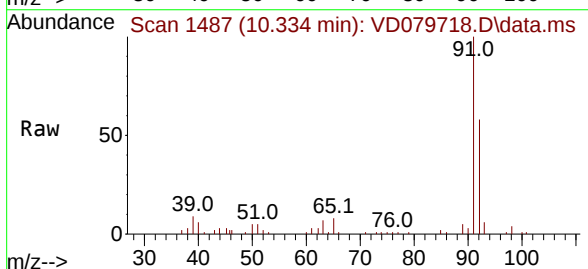
Manual Integrations
APPROVED

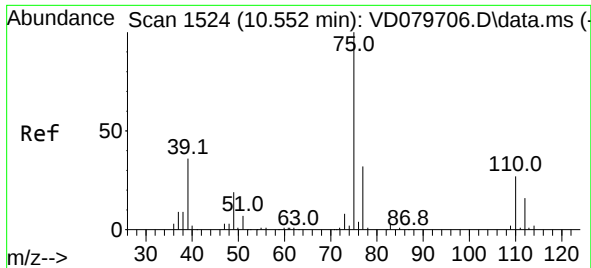
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#52
Toluene
Concen: 4.541 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

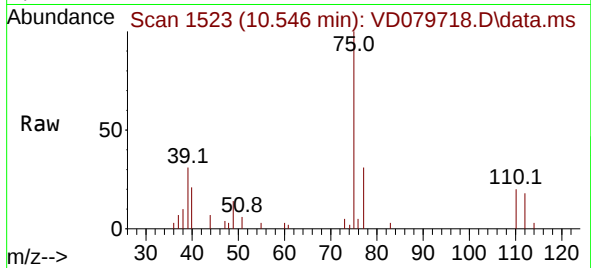
Tgt Ion: 92 Resp: 26699
Ion Ratio Lower Upper
92 100
91 176.9 141.7 212.5





#53
t-1,3-Dichloropropene
Concen: 4.372 ug/l
RT: 10.546 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

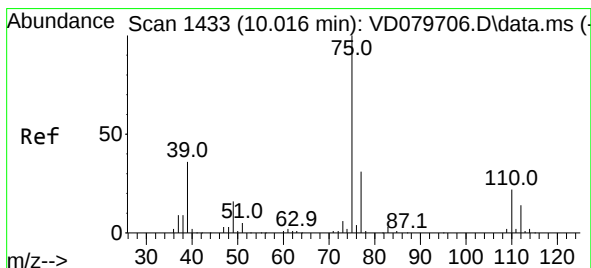
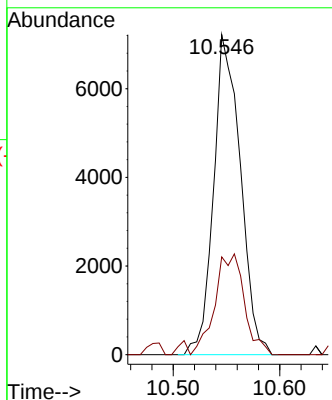
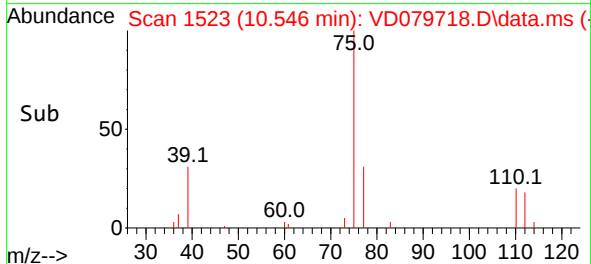
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 75 Resp: 12588
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.6

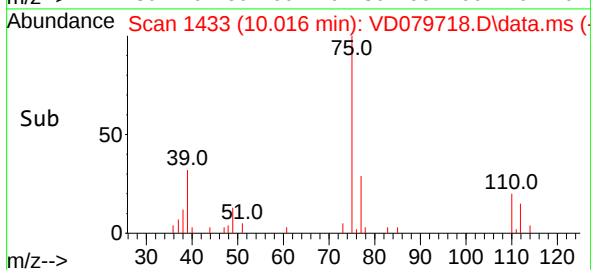
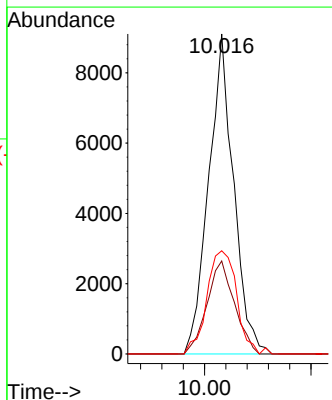
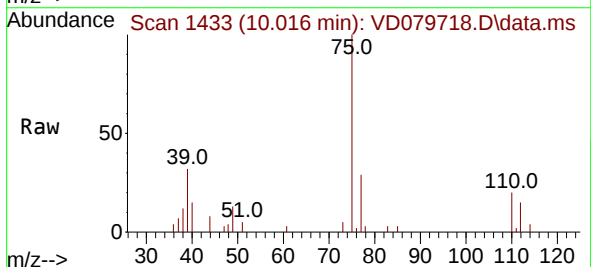
Manual Integrations
APPROVED

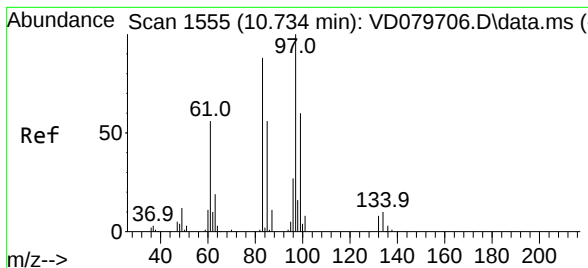
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#54
cis-1,3-Dichloropropene
Concen: 4.192 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

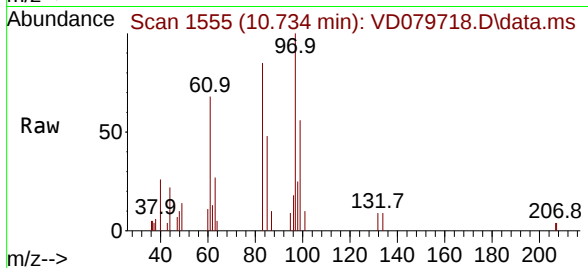
Tgt Ion: 75 Resp: 14811
Ion Ratio Lower Upper
75 100
77 29.1 24.4 36.6
39 32.3 24.2 36.2





#55
1,1,2-Trichloroethane
Concen: 4.637 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

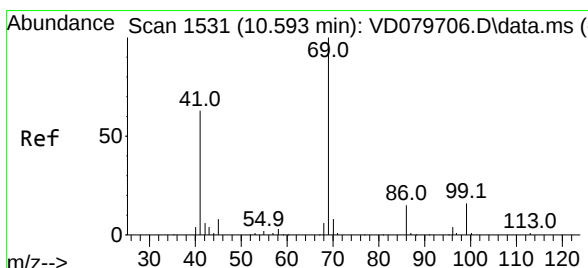
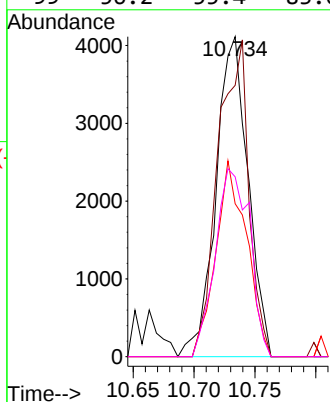
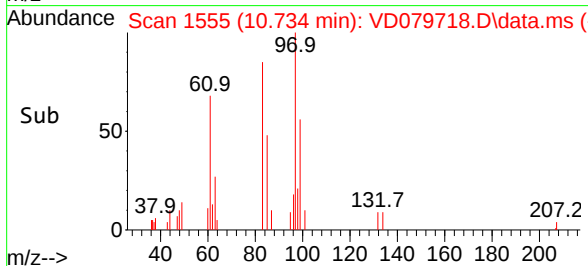
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



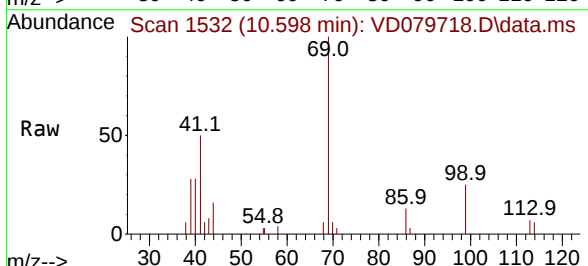
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.8	65.8	98.8
85	47.8	43.8	65.8
99	56.2	55.4	83.0

Manual Integrations
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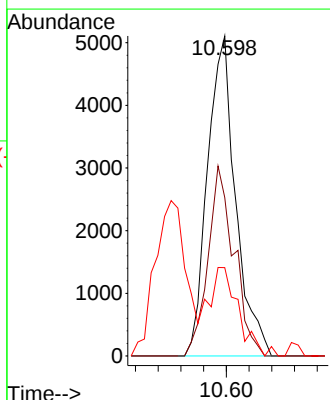
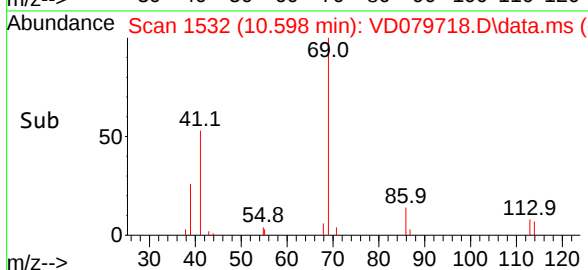
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

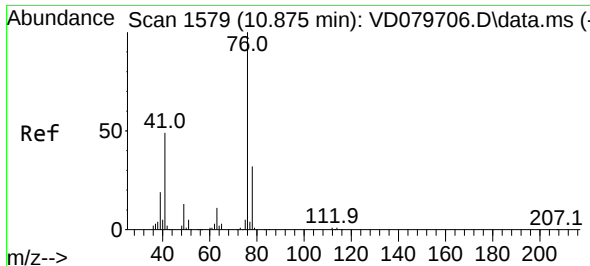


#56
Ethyl methacrylate
Concen: 4.406 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.005 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47



Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.3	39.8	59.6
39	29.5	20.2	30.4





#57

1,3-Dichloropropane

Concen: 4.622 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.000 min

Lab File: VD079718.D

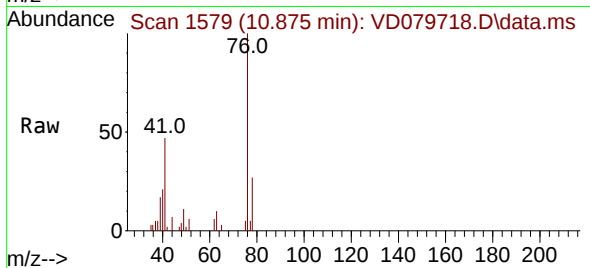
Acq: 13 Aug 2024 14:47

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

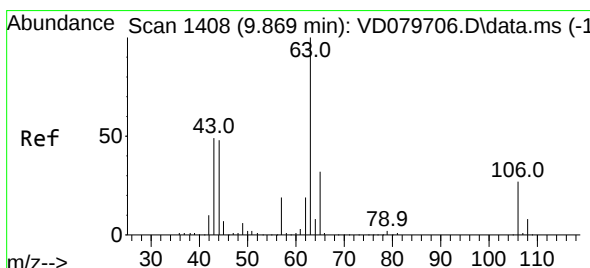
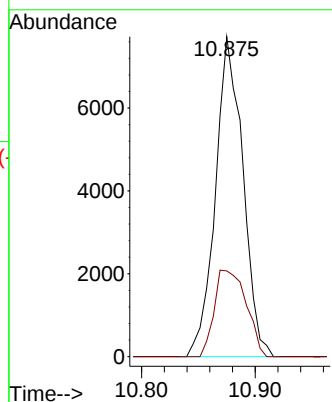
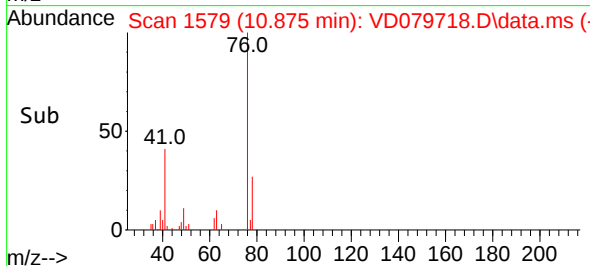


Tgt Ion:	76	Resp:	1297
Ion Ratio	100	Lower	Upper
76	100		
78	31.4	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#58

2-Chloroethyl Vinyl ether

Concen: 21.370 ug/l

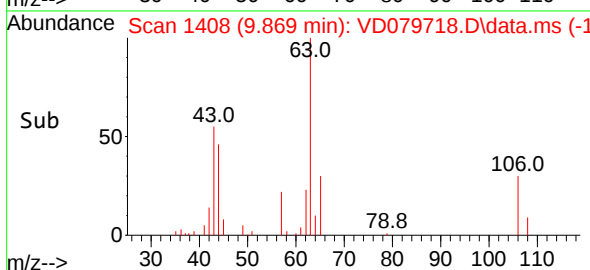
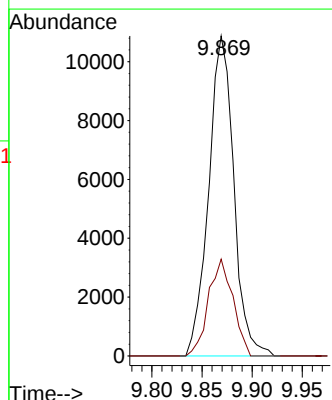
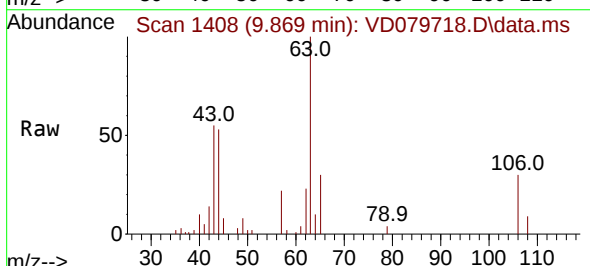
RT: 9.869 min Scan# 1408

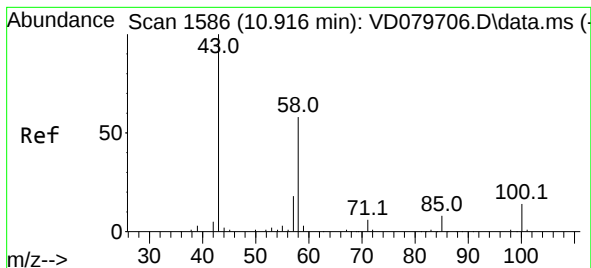
Delta R.T. -0.000 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

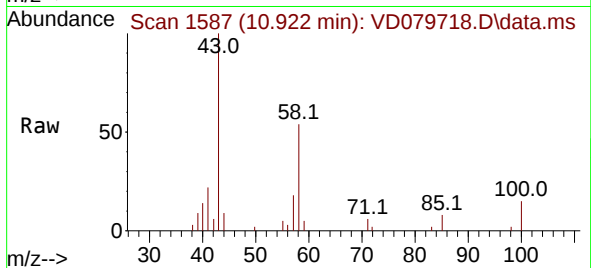
Tgt Ion:	63	Resp:	18980
Ion Ratio	100	Lower	Upper
63	100		
106	29.5	26.4	39.6





#59
2-Hexanone
Concen: 21.413 ug/l
RT: 10.922 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

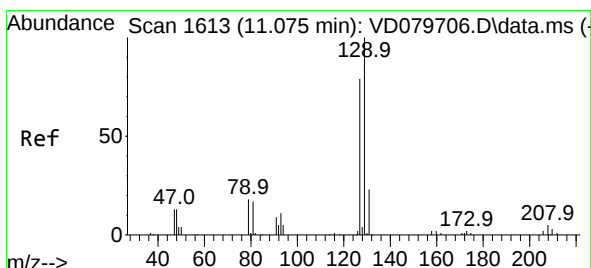
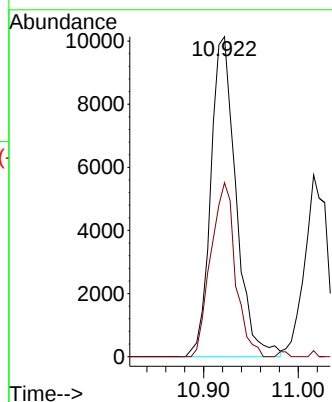
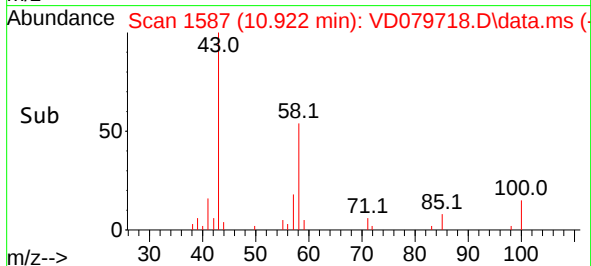
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 43 Resp: 1875
Ion Ratio Lower Upper
43 100
58 53.3 31.1 93.5

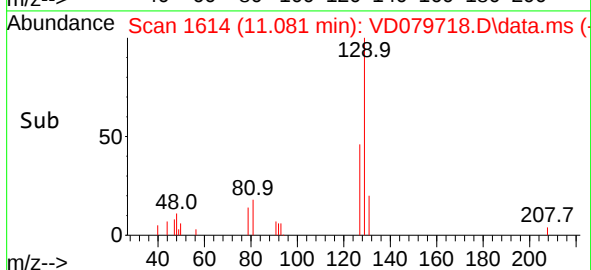
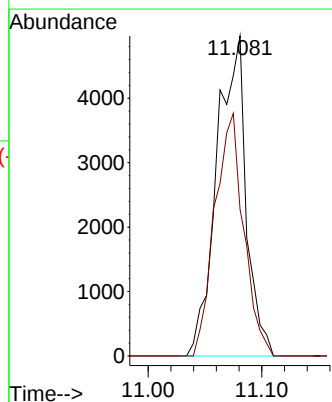
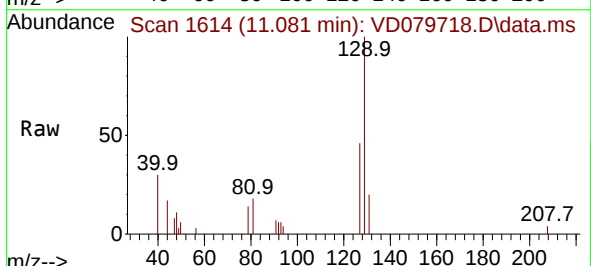
Manual Integrations
APPROVED

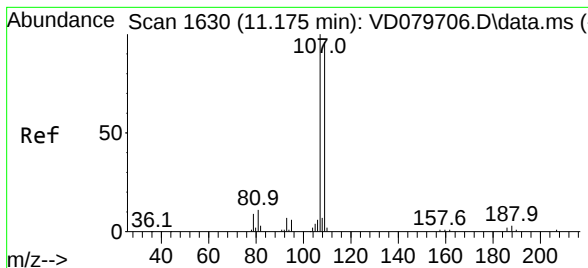
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#60
Dibromochloromethane
Concen: 4.439 ug/l
RT: 11.081 min Scan# 1614
Delta R.T. 0.006 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

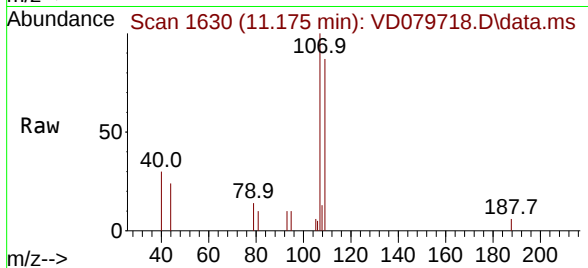
Tgt Ion:129 Resp: 8907
Ion Ratio Lower Upper
129 100
127 74.8 38.0 113.9





#61
1,2-Dibromoethane
Concen: 4.421 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

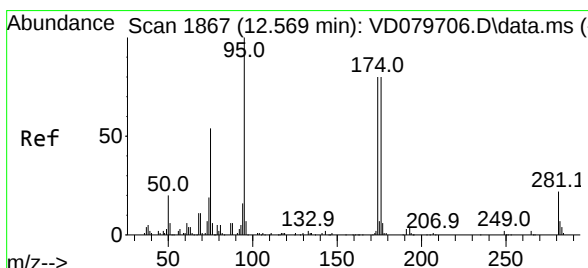
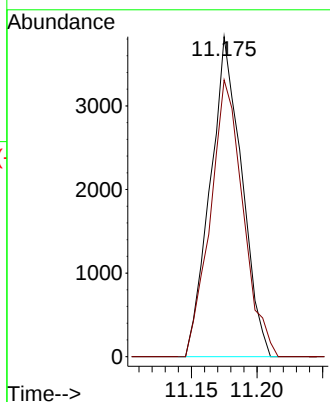
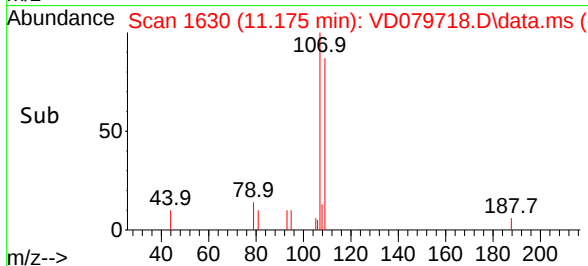
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



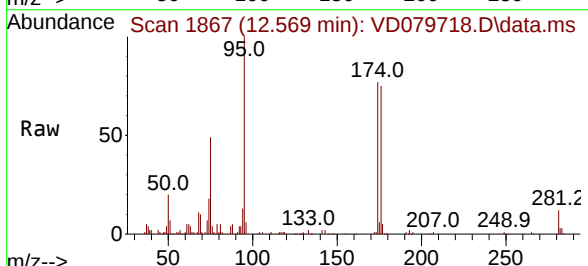
Tgt Ion:107 Resp: 6394
Ion Ratio Lower Upper
107 100
109 89.7 72.0 108.0

Manual Integrations
APPROVED

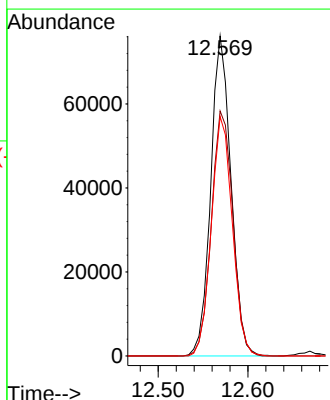
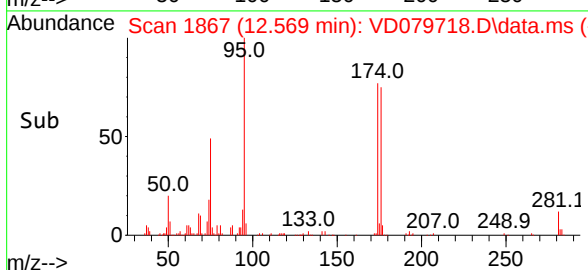
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

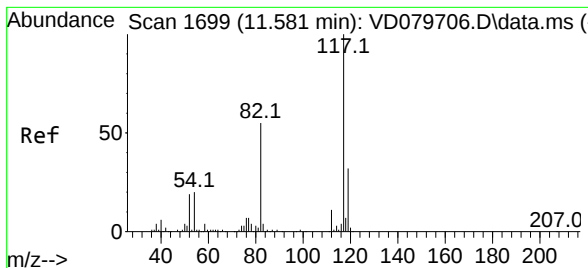


#62
4-Bromofluorobenzene
Concen: 52.447 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47



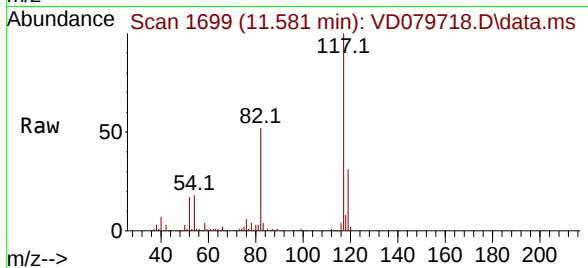
Tgt Ion: 95 Resp: 119360
Ion Ratio Lower Upper
95 100
174 81.3 0.0 195.4
176 77.6 0.0 192.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

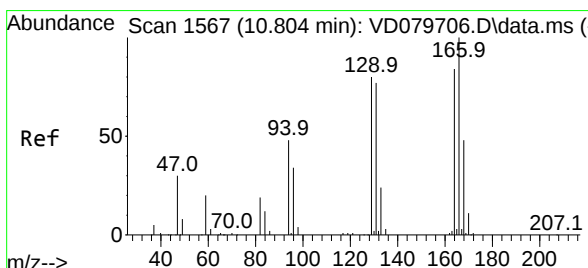
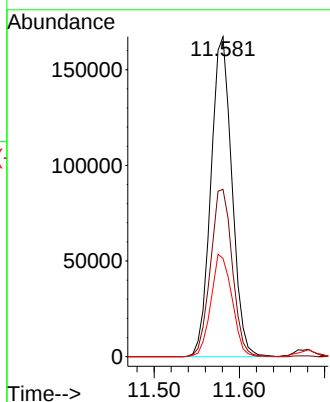
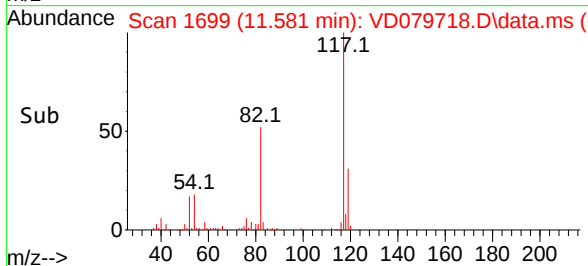
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



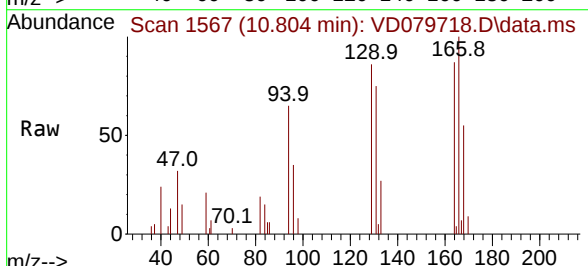
Tgt Ion:117 Resp: 28666
Ion Ratio Lower Upper
117 100
82 52.3 39.8 59.6
119 30.7 25.7 38.5

Manual Integrations
APPROVED

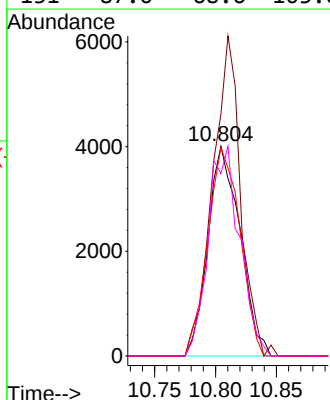
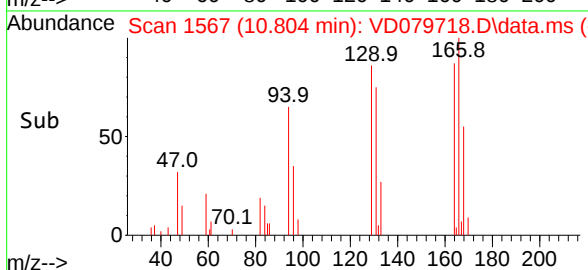
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

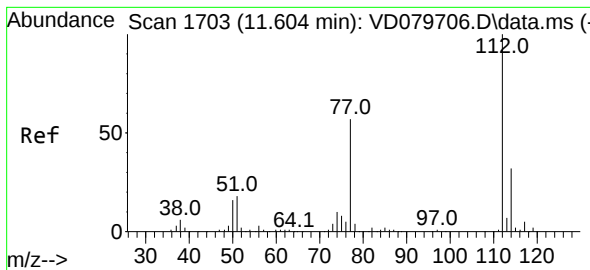


#64
Tetrachloroethene
Concen: 4.206 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47



Tgt Ion:164 Resp: 7367
Ion Ratio Lower Upper
164 100
166 115.3 108.6 163.0
129 99.4 74.6 112.0
131 87.0 68.6 103.0





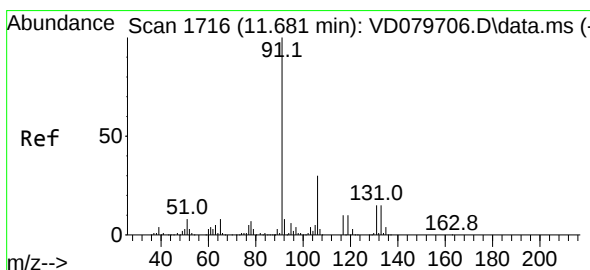
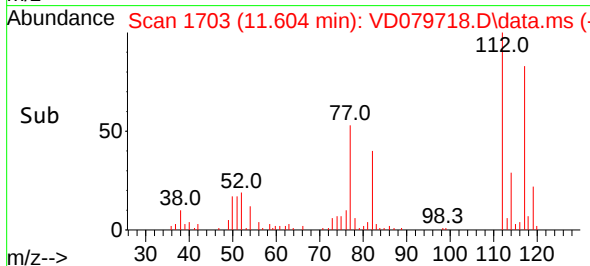
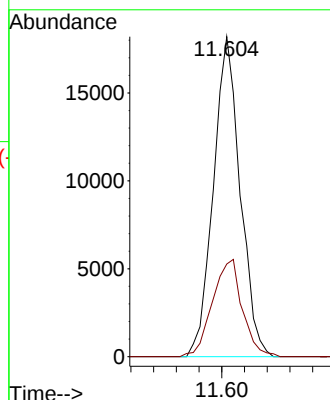
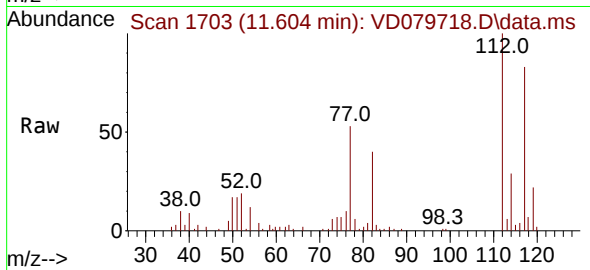
#65
Chlorobenzene
Concen: 4.731 ug/l
RT: 11.604 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:112 Resp: 29778
Ion Ratio Lower Upper
112 100
114 29.0 26.0 39.0

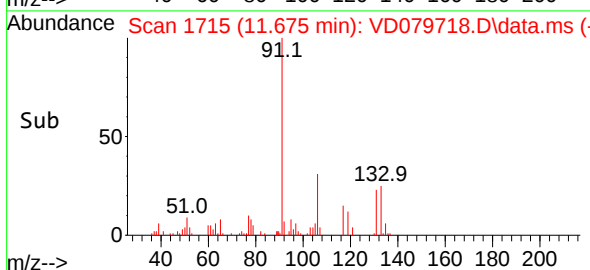
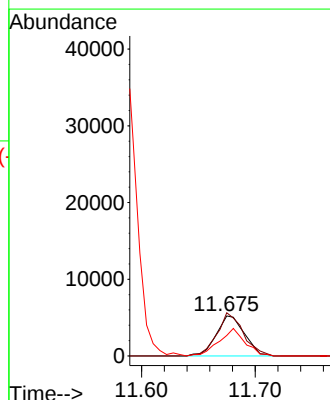
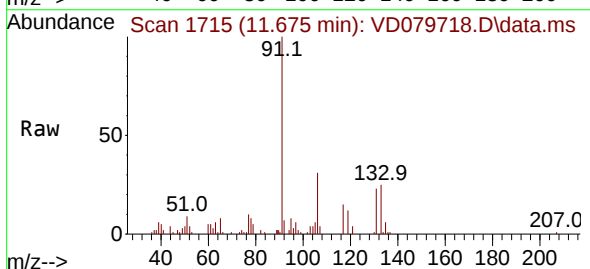
Manual Integrations
APPROVED

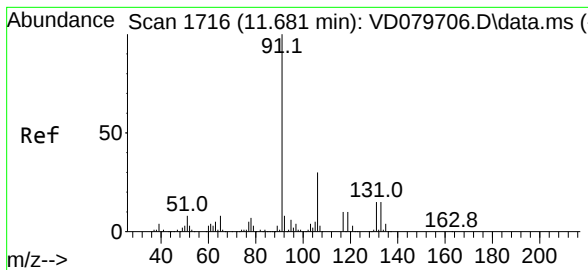
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.376 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

Tgt Ion:131 Resp: 8981
Ion Ratio Lower Upper
131 100
133 101.7 49.2 147.6
119 63.5 33.4 100.2





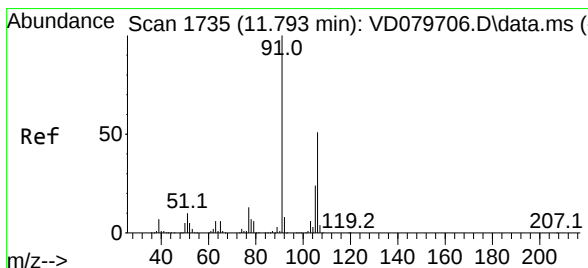
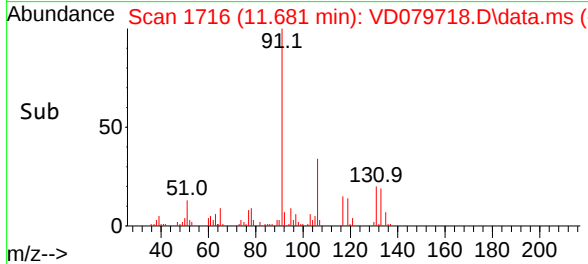
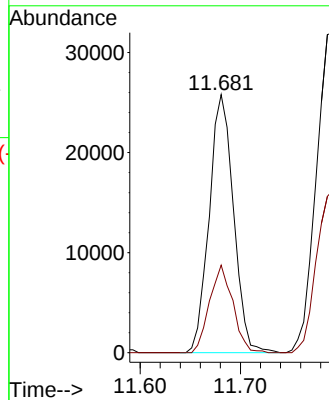
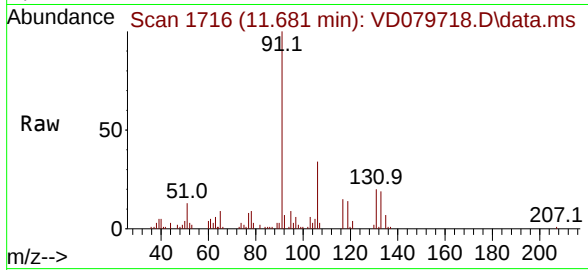
#67
Ethyl Benzene
Concen: 3.943 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 91 Resp: 43550
Ion Ratio Lower Upper
91 100
106 33.9 25.8 38.6

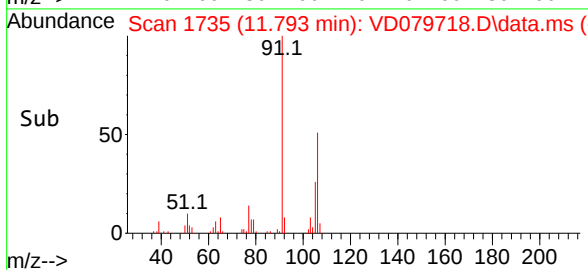
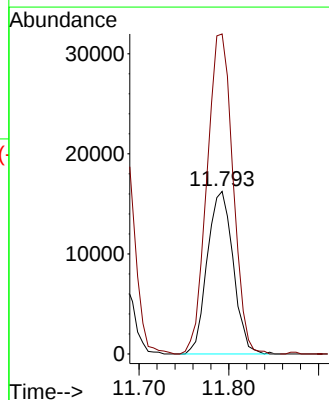
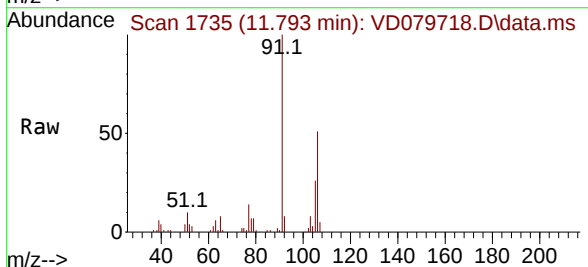
Manual Integrations
APPROVED

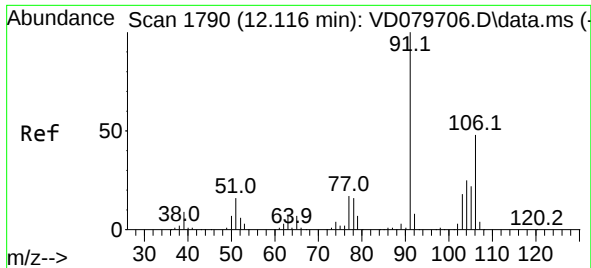
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#68
m/p-Xylenes
Concen: 7.585 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

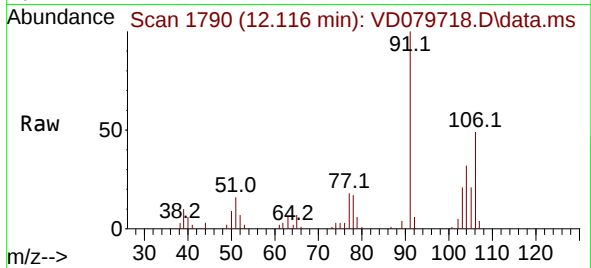
Tgt Ion:106 Resp: 32579
Ion Ratio Lower Upper
106 100
91 197.2 148.5 222.7





#69
o-Xylene
Concen: 3.948 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

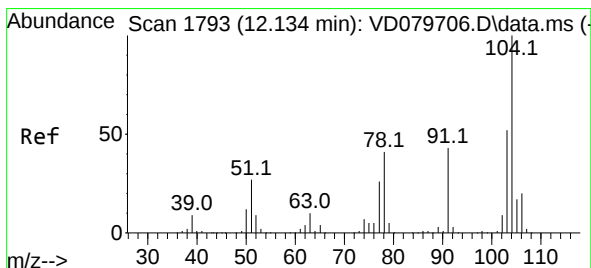
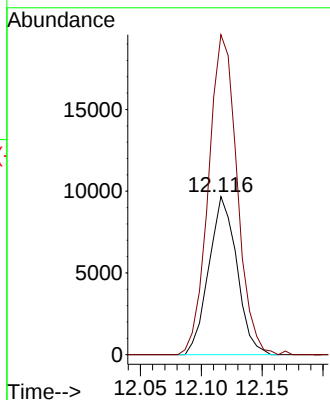
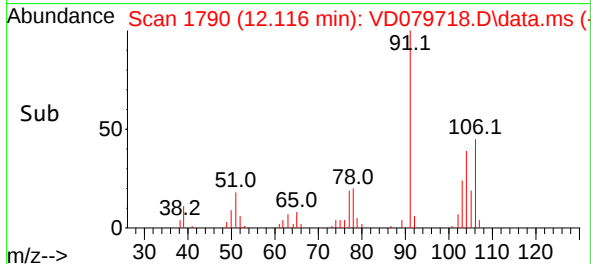
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:106 Resp: 1549
Ion Ratio Lower Upper
106 100
91 207.0 96.7 290.1

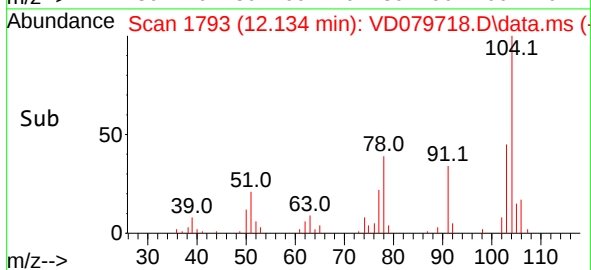
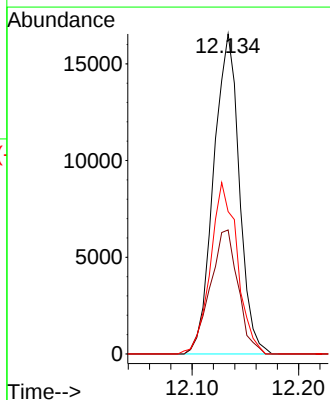
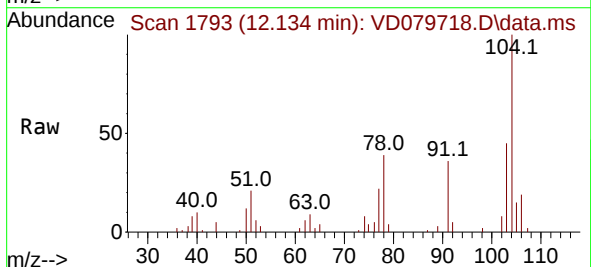
Manual Integrations
APPROVED

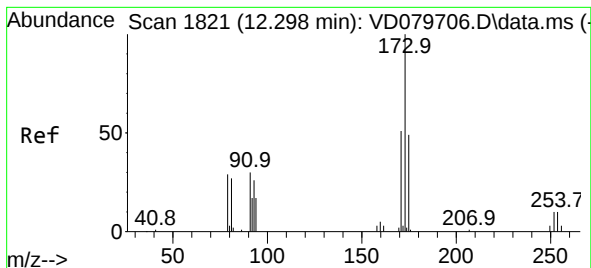
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#70
Styrene
Concen: 4.021 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

Tgt Ion:104 Resp: 27687
Ion Ratio Lower Upper
104 100
78 42.2 33.0 49.6
103 55.9 44.2 66.4





#71

Bromoform

Concen: 4.425 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

Instrument :

MSVOA_D

ClientSampleId :

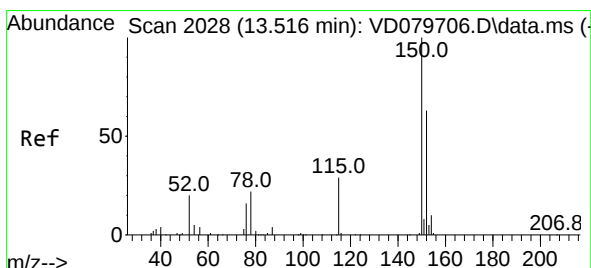
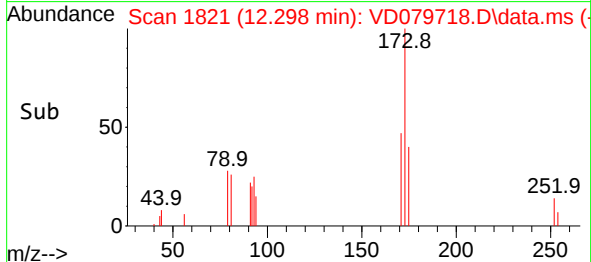
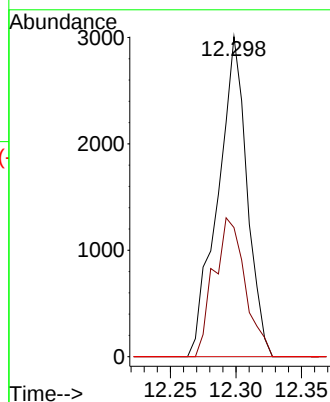
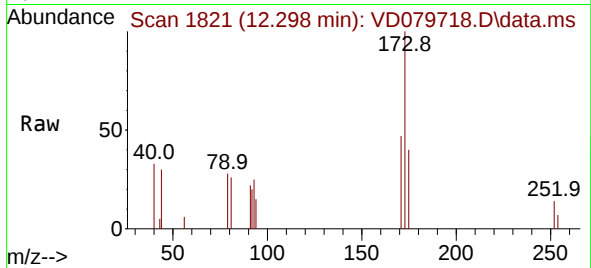
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:173	Resp:	4668
Ion Ratio	Lower	Upper
173	100	
175	46.3	23.7 71.1
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

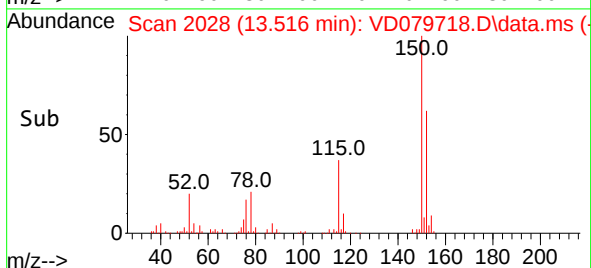
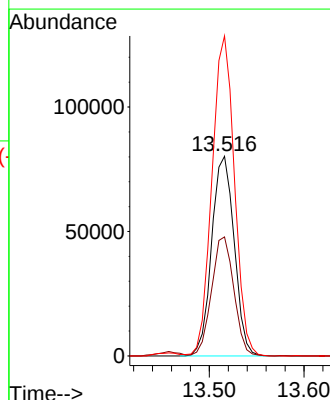
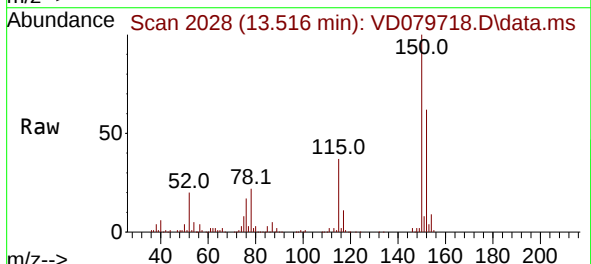
RT: 13.516 min Scan# 2028

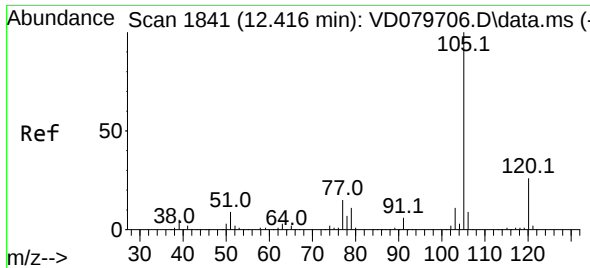
Delta R.T. -0.000 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

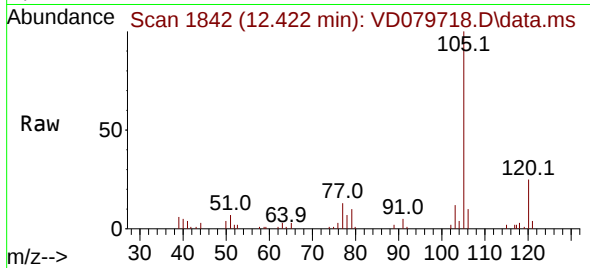
Tgt Ion:152	Resp:	132998
Ion Ratio	Lower	Upper
152	100	
115	59.0	26.5 79.5
150	159.4	0.0 341.6





#73
Isopropylbenzene
Concen: 4.048 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

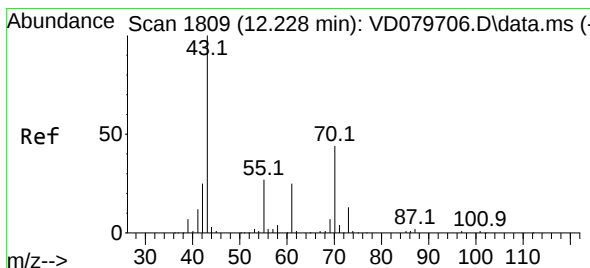
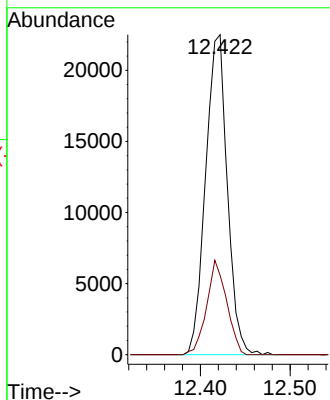
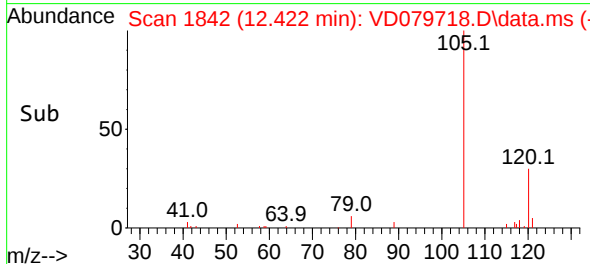
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



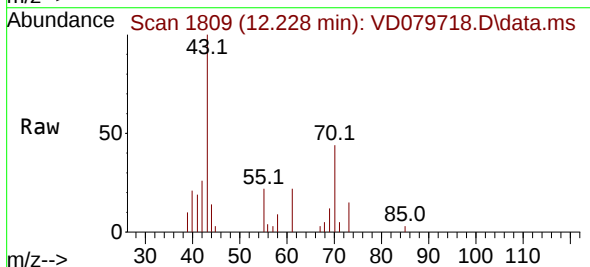
Tgt Ion:105 Resp: 37794
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.7

Manual Integrations
APPROVED

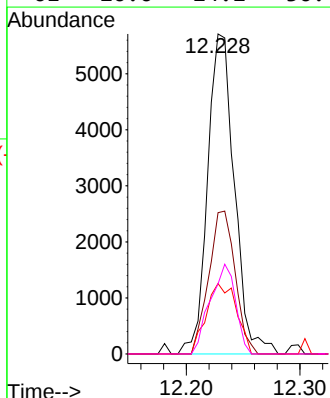
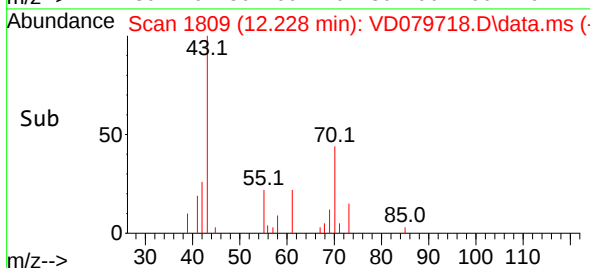
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

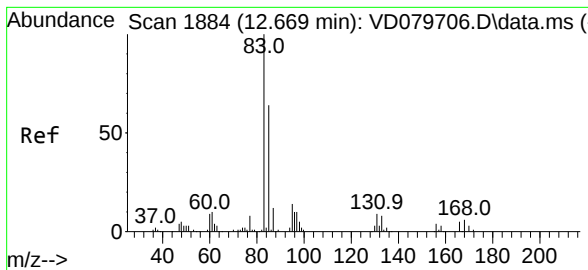


#74
N-ethyl acetate
Concen: 4.508 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47



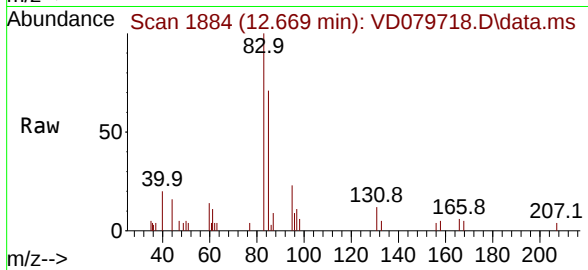
Tgt Ion: 43 Resp: 9378
Ion Ratio Lower Upper
43 100
70 44.0 44.3 66.5#
55 24.8 23.2 34.8
61 26.6 24.2 36.4





#75
1,1,2,2-Tetrachloroethane
Concen: 4.987 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

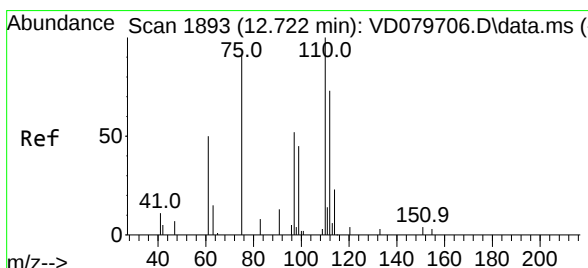
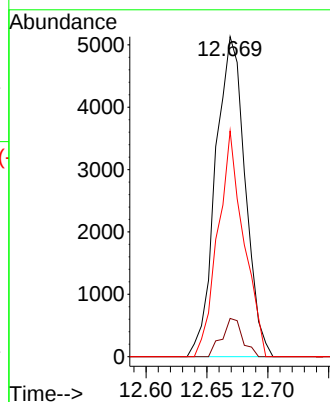
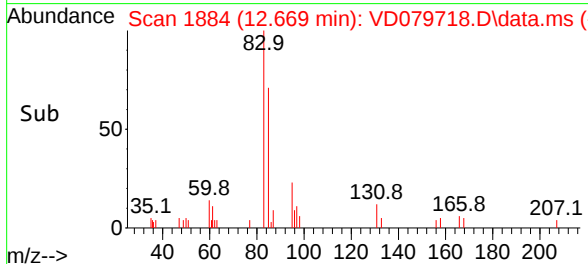
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 83 Resp: 8694
Ion Ratio Lower Upper
83 100
131 8.4 5.5 16.5
85 61.5 33.8 101.3

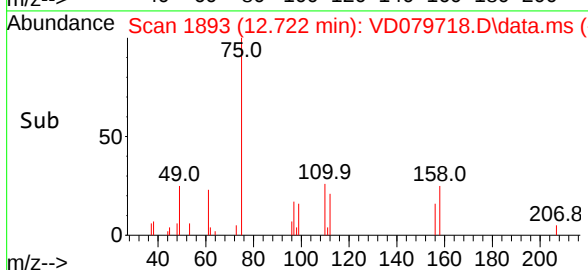
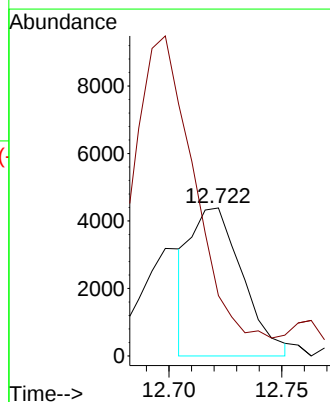
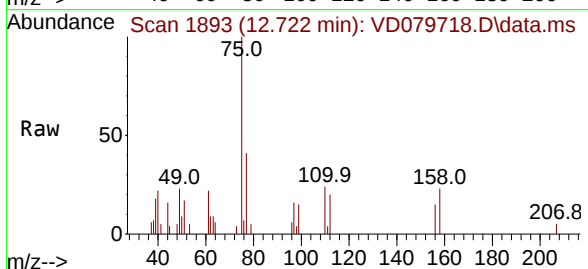
Manual Integrations
APPROVED

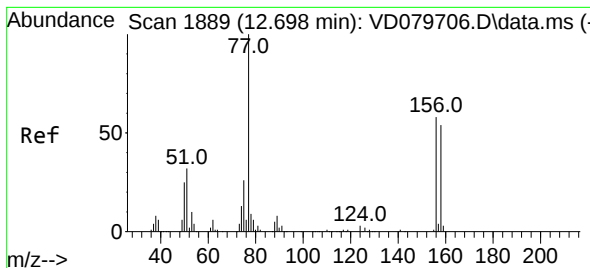
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#76
1,2,3-Trichloropropane
Concen: 6.427 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

Tgt Ion: 75 Resp: 6968
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.581 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

Instrument :

MSVOA_D

ClientSampleId :

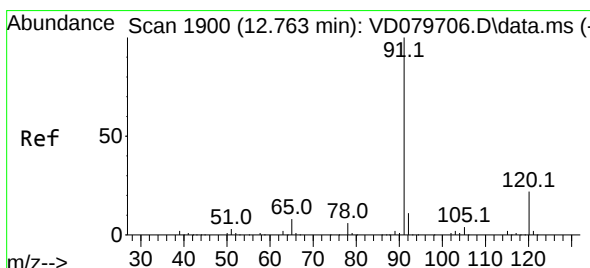
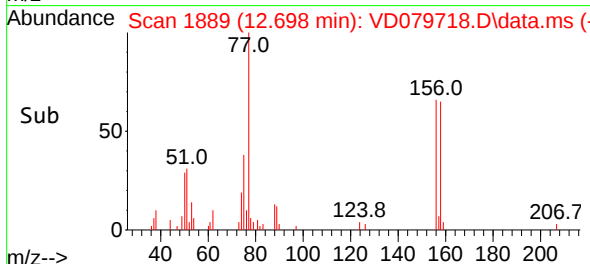
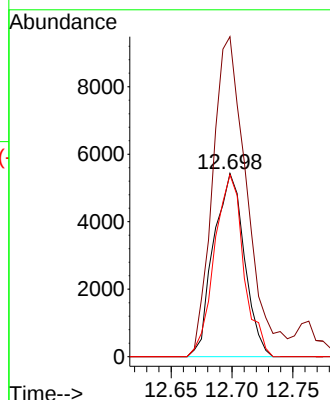
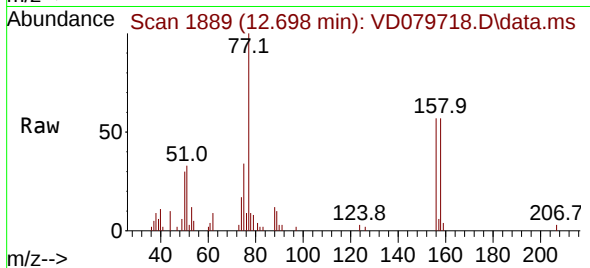
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	156	Resp:	956
Ion Ratio	Lower	Upper	
156	100		
77	193.8	77.3	231.9
158	94.3	49.6	149.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#78

n-propylbenzene

Concen: 4.242 ug/l

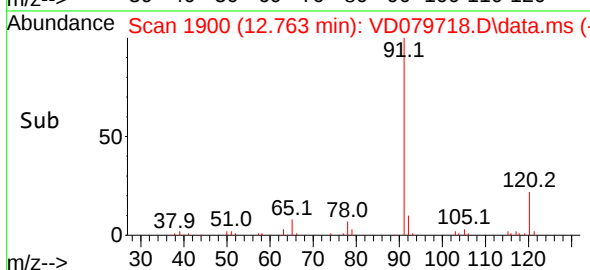
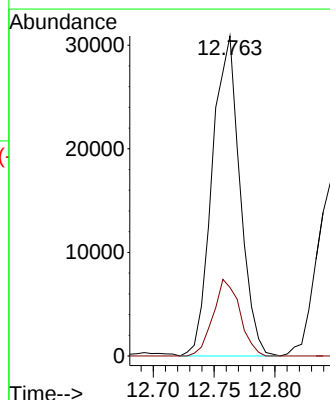
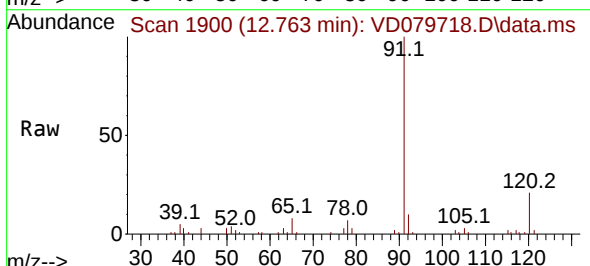
RT: 12.763 min Scan# 1900

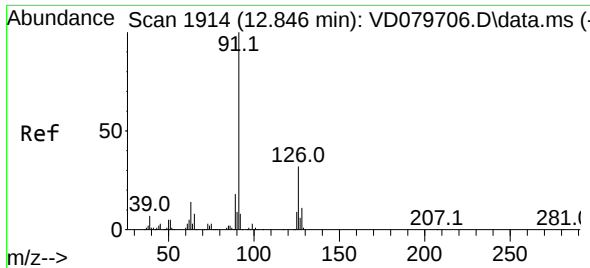
Delta R.T. -0.000 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

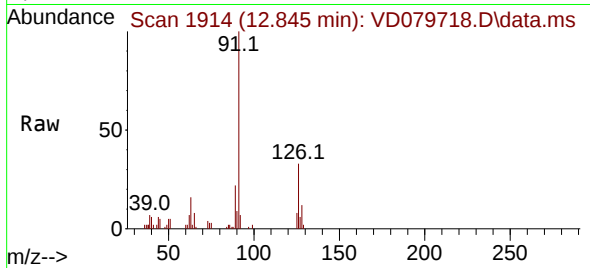
Tgt Ion:	91	Resp:	49010
Ion Ratio	Lower	Upper	
91	100		
120	23.0	12.3	36.8





#79
2-Chlorotoluene
Concen: 4.358 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

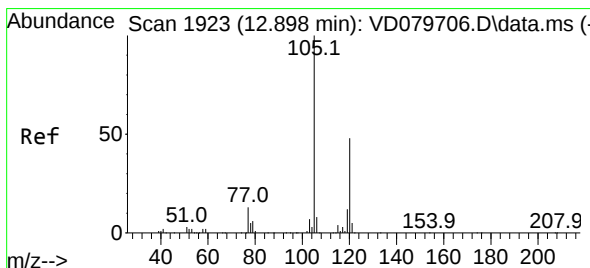
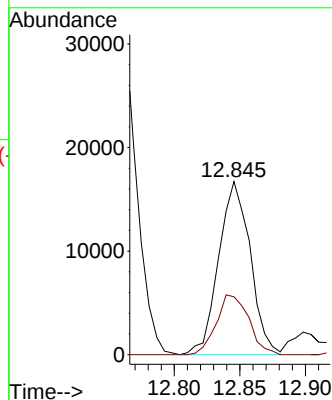
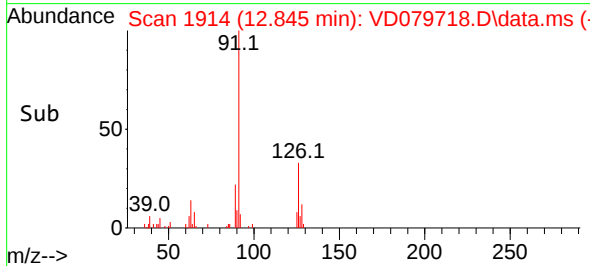
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



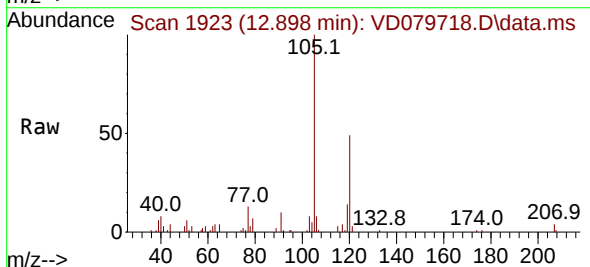
Tgt Ion: 91 Resp: 28038
Ion Ratio Lower Upper
91 100
126 35.4 19.3 57.8

Manual Integrations
APPROVED

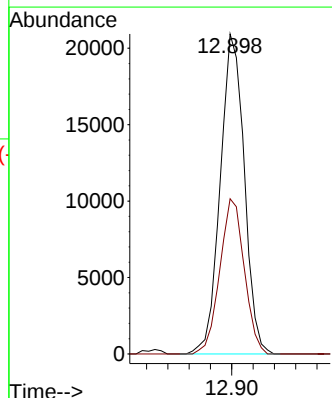
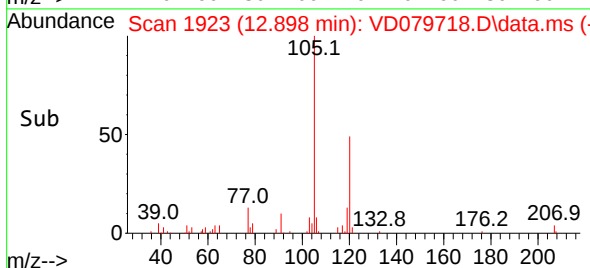
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

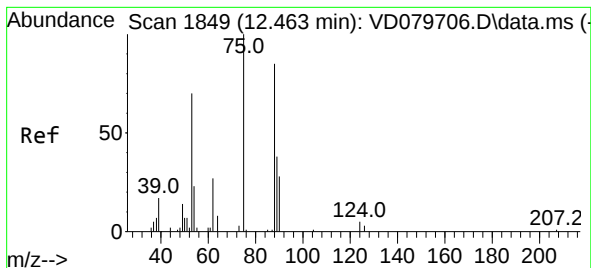


#80
1,3,5-Trimethylbenzene
Concen: 4.229 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47



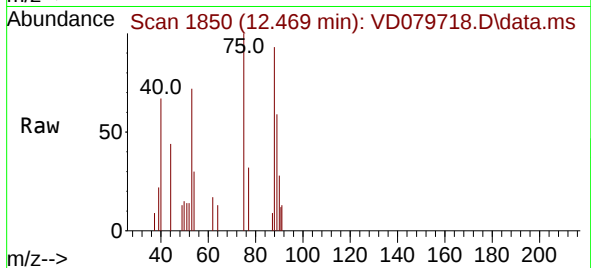
Tgt Ion:105 Resp: 32744
Ion Ratio Lower Upper
105 100
120 49.4 25.7 77.1





#81
trans-1,4-Dichloro-2-butene
Concen: 4.486 ug/l
RT: 12.469 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

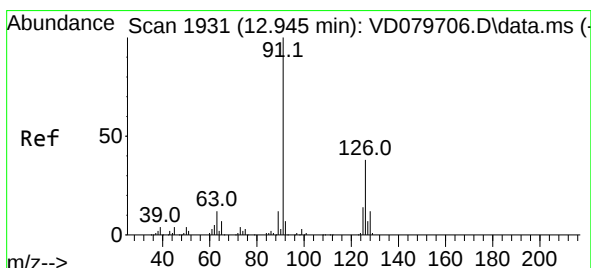
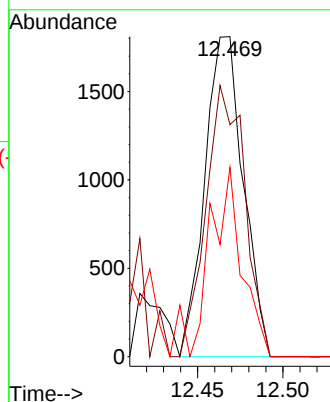
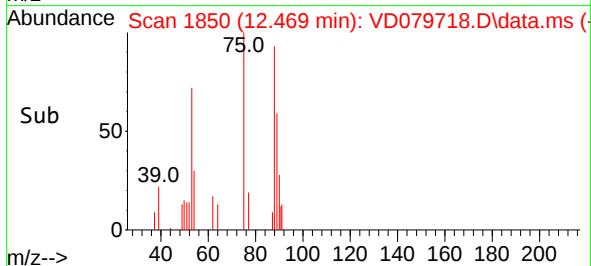
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 75 Resp: 2854
Ion Ratio Lower Upper
75 100
53 85.5 61.4 92.2
89 50.6 35.4 53.0

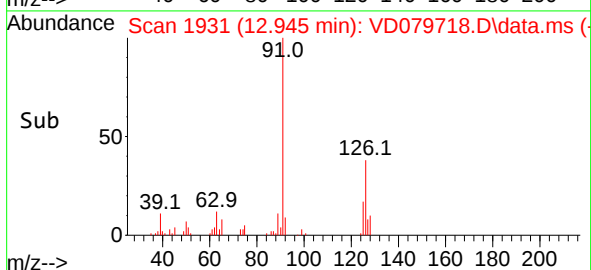
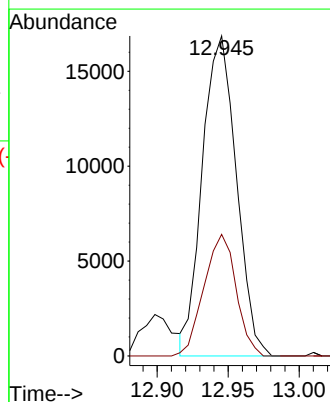
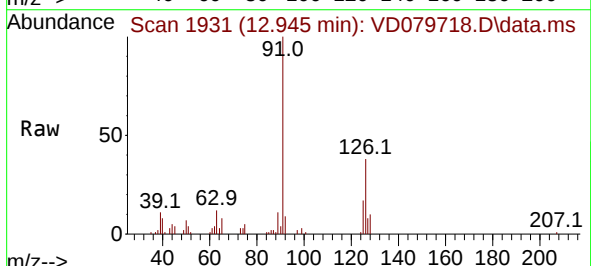
Manual Integrations
APPROVED

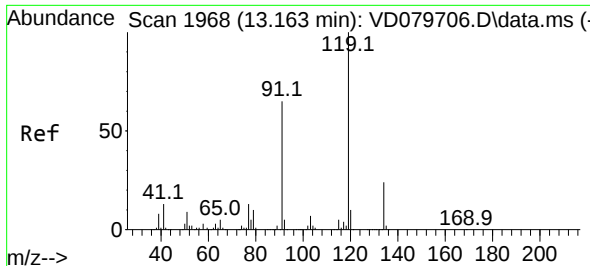
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#82
4-Chlorotoluene
Concen: 4.147 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

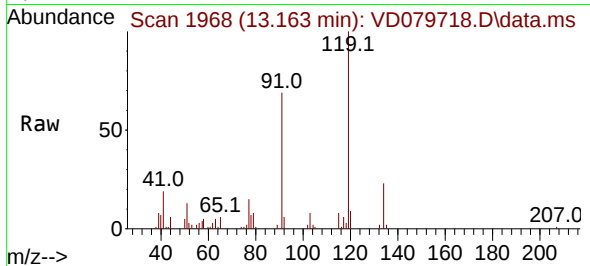
Tgt Ion: 91 Resp: 28058
Ion Ratio Lower Upper
91 100
126 35.9 18.9 56.9





#83
tert-Butylbenzene
Concen: 4.084 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

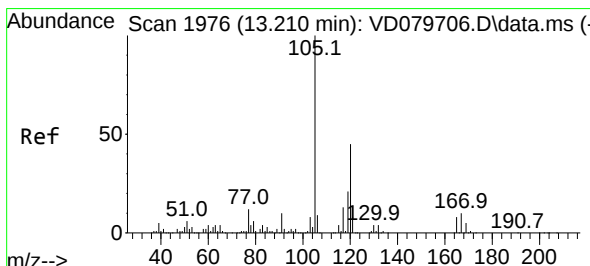
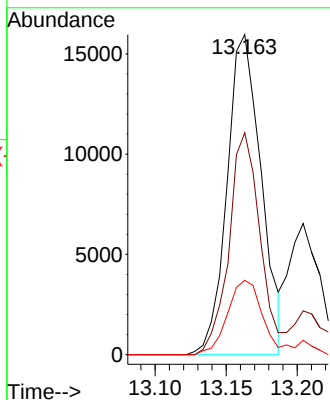
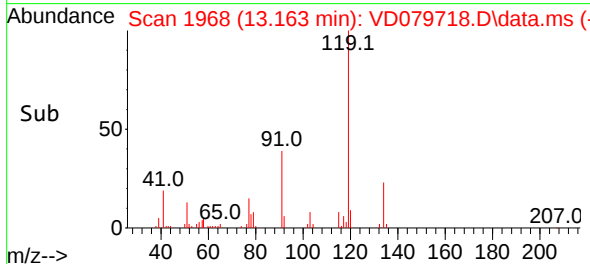
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



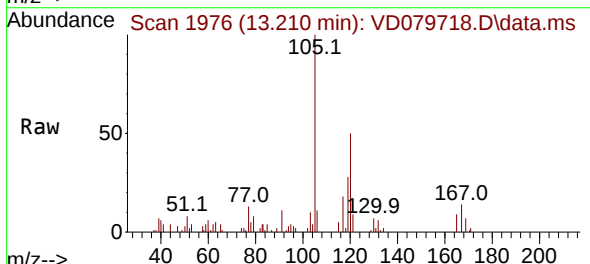
Tgt Ion:119 Resp: 26689
Ion Ratio Lower Upper
119 100
91 64.0 28.2 84.7
134 24.3 13.4 40.1

Manual Integrations
APPROVED

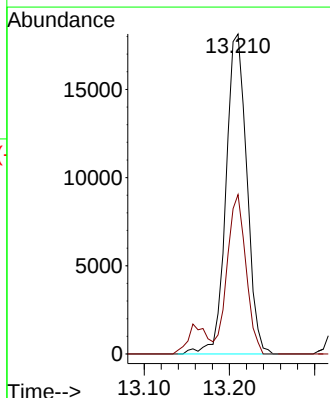
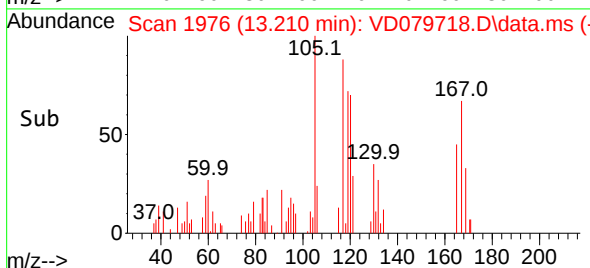
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

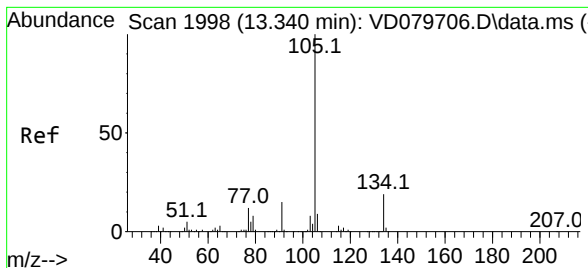


#84
1,2,4-Trimethylbenzene
Concen: 3.880 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47



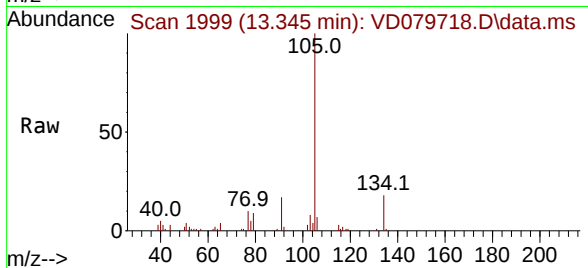
Tgt Ion:105 Resp: 30735
Ion Ratio Lower Upper
105 100
120 44.9 23.6 71.0





#85
 sec-Butylbenzene
 Concen: 4.076 ug/l
 RT: 13.345 min Scan# 1998
 Delta R.T. 0.006 min
 Lab File: VD079718.D
 Acq: 13 Aug 2024 14:47

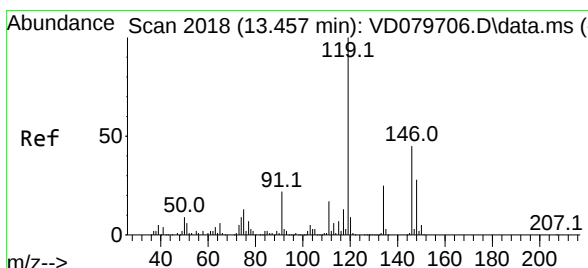
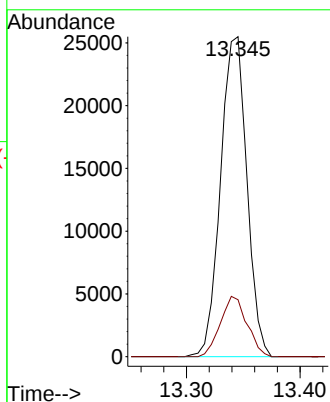
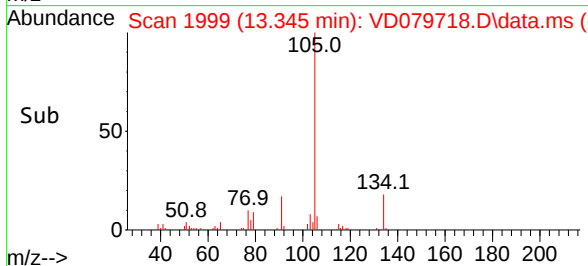
Instrument : MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024



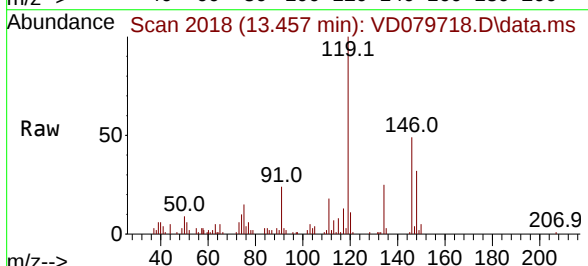
Tgt Ion:105 Resp: 4104
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.3 30.8

Manual Integrations
 APPROVED

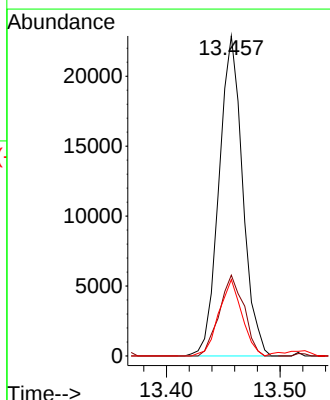
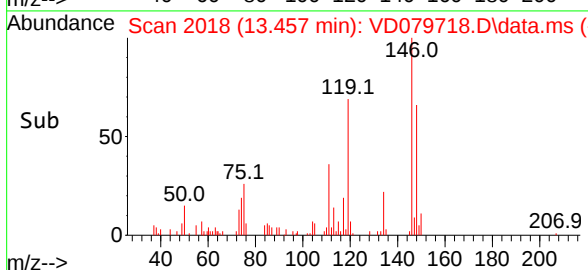
Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024

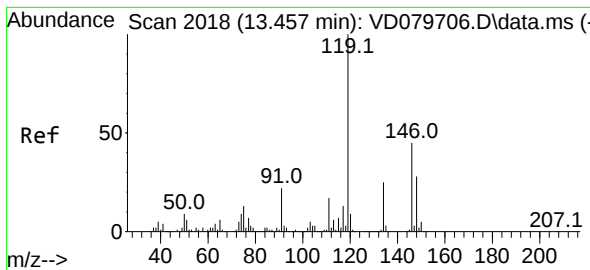


#86
 p-Isopropyltoluene
 Concen: 3.912 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD079718.D
 Acq: 13 Aug 2024 14:47



Tgt Ion:119 Resp: 33093
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.7 41.1
 91 23.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 4.354 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

Instrument :

MSVOA_D

ClientSampleId :

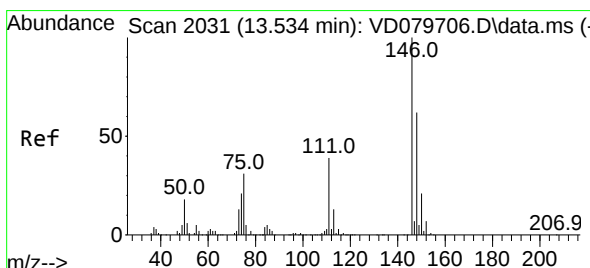
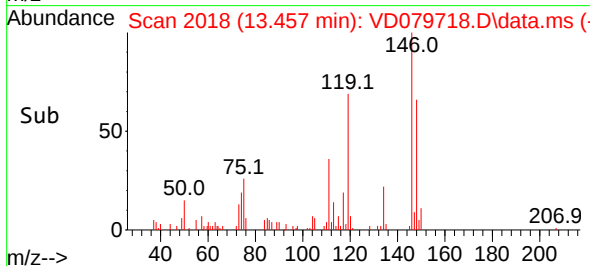
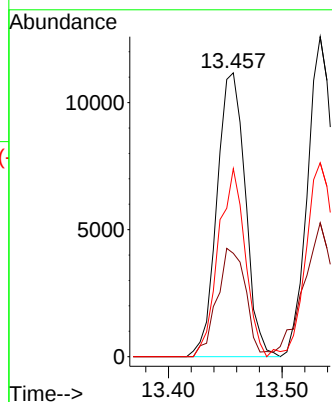
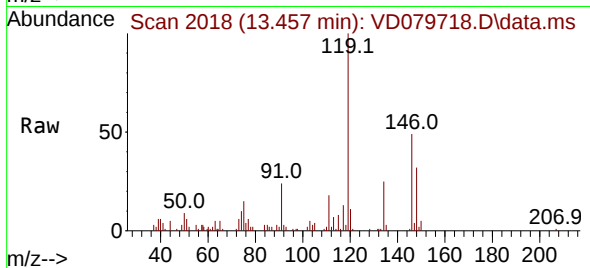
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	146	Resp:	1935
Ion Ratio	Lower	Upper	
146	100		
111	39.0	18.5	55.5
148	62.3	30.9	92.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#88

1,4-Dichlorobenzene

Concen: 4.677 ug/l

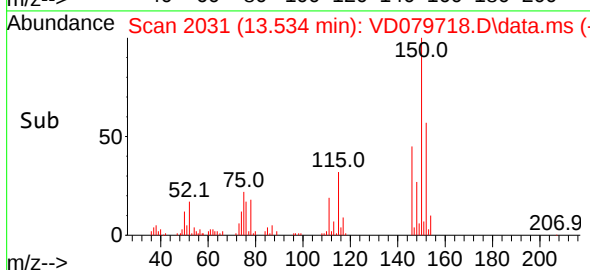
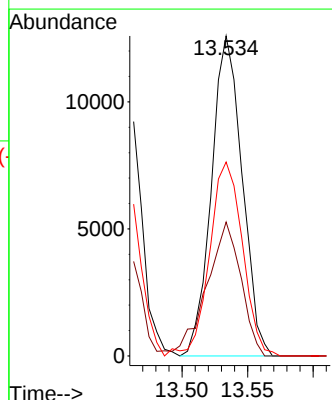
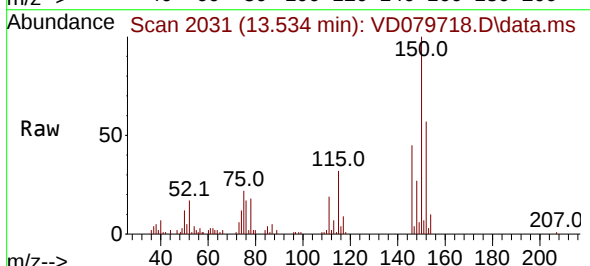
RT: 13.534 min Scan# 2031

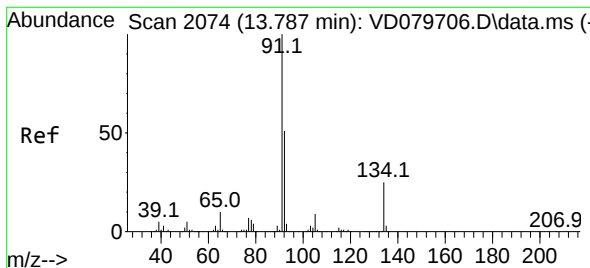
Delta R.T. -0.000 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

Tgt Ion:	146	Resp:	20526
Ion Ratio	Lower	Upper	
146	100		
111	46.2	17.5	52.6
148	64.2	31.4	94.2





#89

n-Butylbenzene

Concen: 4.137 ug/l

RT: 13.781 min Scan# 2074

Delta R.T. -0.006 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

Instrument :

MSVOA_D

ClientSampleId :

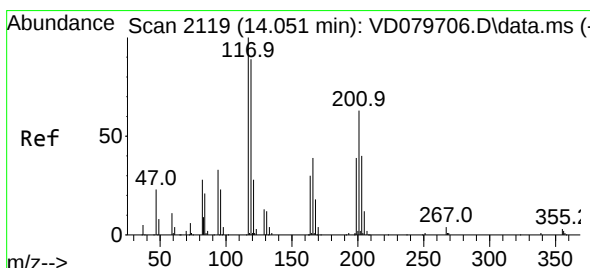
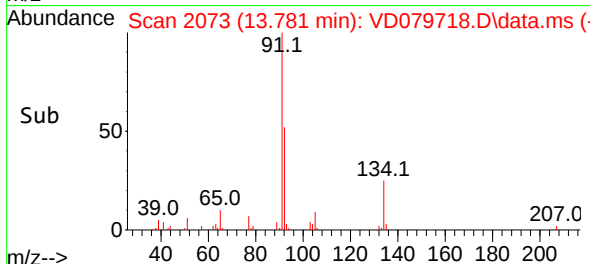
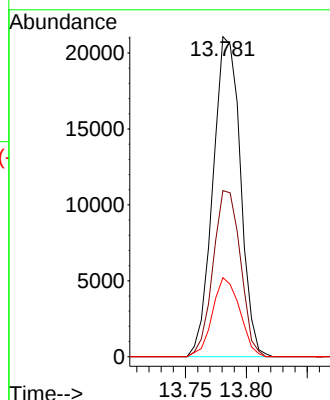
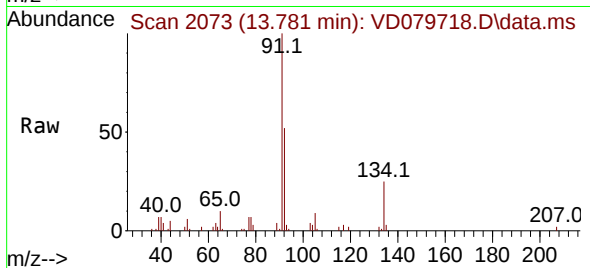
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	91	Resp:	3298
Ion	Ratio	Lower	Upper
91	100		
92	51.8	25.7	77.0
134	24.6	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#90

Hexachloroethane

Concen: 4.733 ug/l

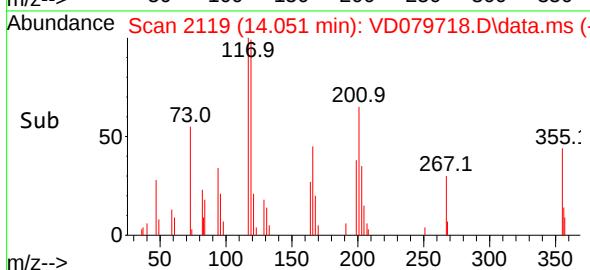
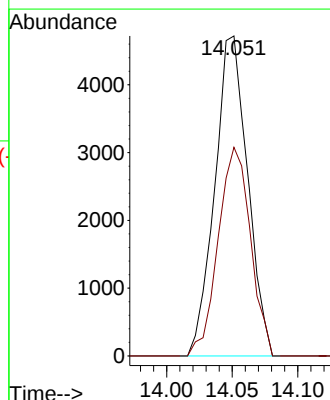
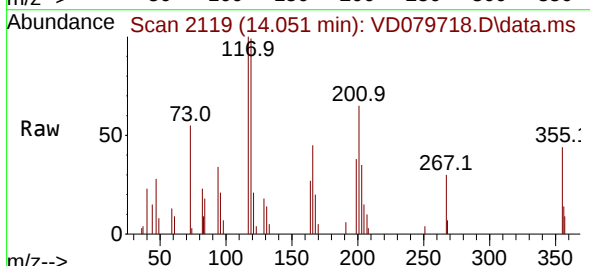
RT: 14.051 min Scan# 2119

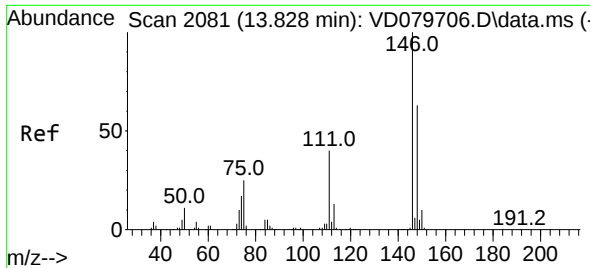
Delta R.T. -0.000 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

Tgt Ion:	117	Resp:	8215
Ion	Ratio	Lower	Upper
117	100		
201	64.2	36.3	108.9





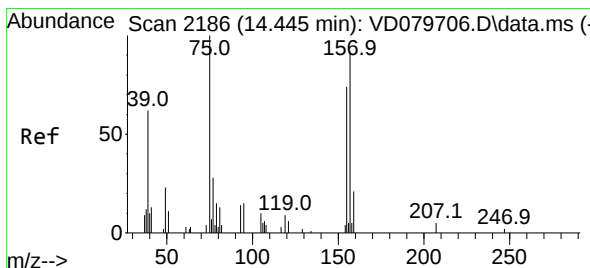
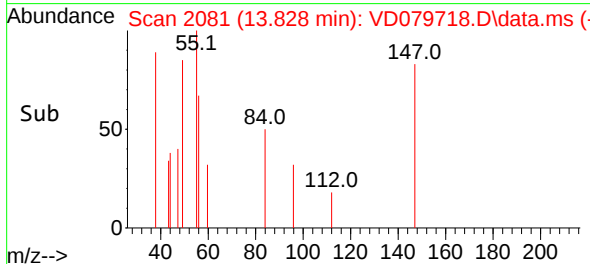
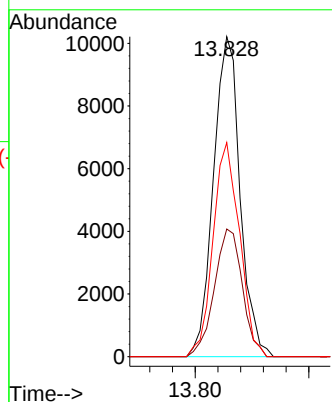
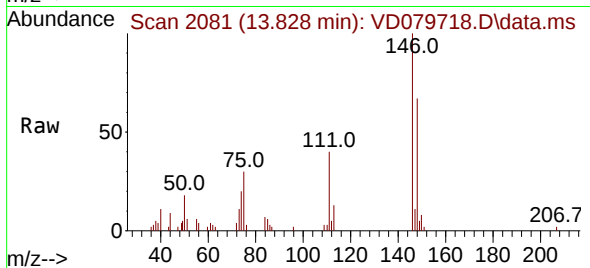
#91
1,2-Dichlorobenzene
Concen: 4.347 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:146 Resp: 1664
Ion Ratio Lower Upper
146 100
111 41.9 19.1 57.1
148 66.4 31.1 93.5

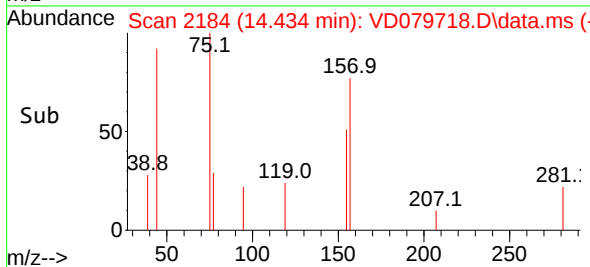
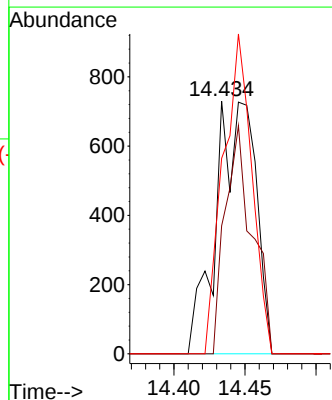
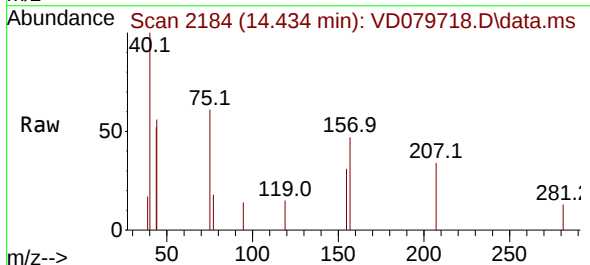
Manual Integrations
APPROVED

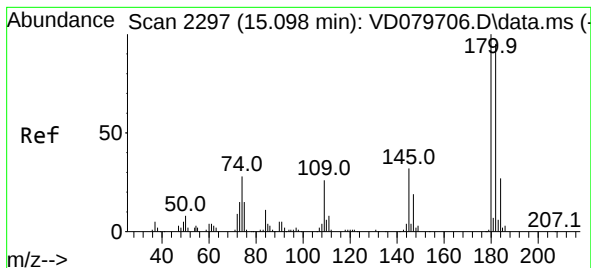
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.955 ug/l
RT: 14.434 min Scan# 2184
Delta R.T. -0.012 min
Lab File: VD079718.D
Acq: 13 Aug 2024 14:47

Tgt Ion: 75 Resp: 1417
Ion Ratio Lower Upper
75 100
155 61.9 47.7 143.1
157 91.7 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 4.556 ug/l

RT: 15.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD079718.D

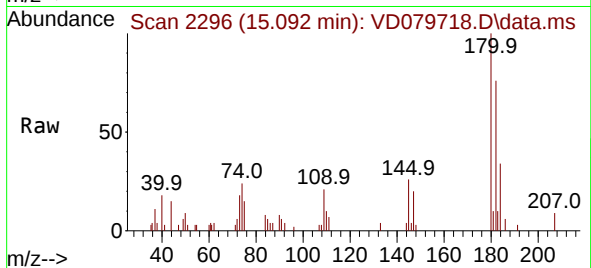
Acq: 13 Aug 2024 14:47

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

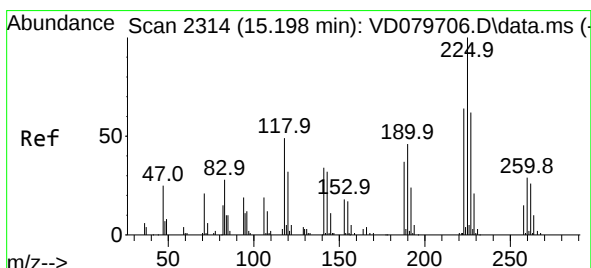
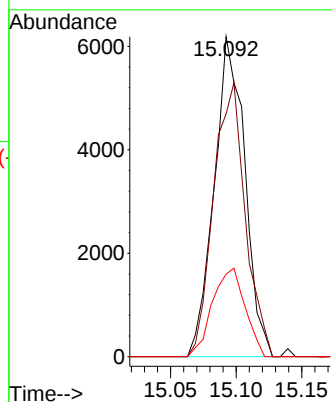
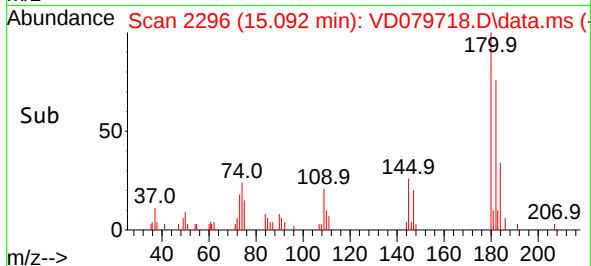


Tgt Ion:	180	Resp:	10034
Ion Ratio	Lower	Upper	
180	100		
182	88.6	46.9	140.7
145	29.4	14.0	41.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#94

Hexachlorobutadiene

Concen: 4.137 ug/l

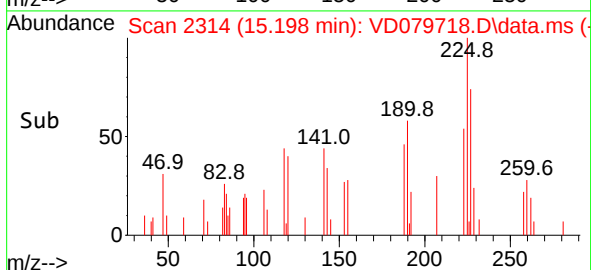
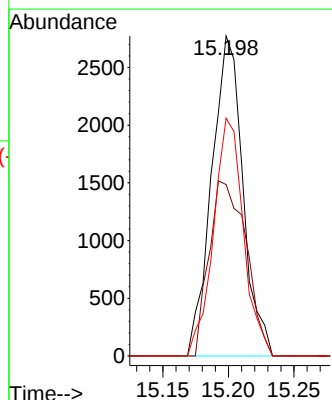
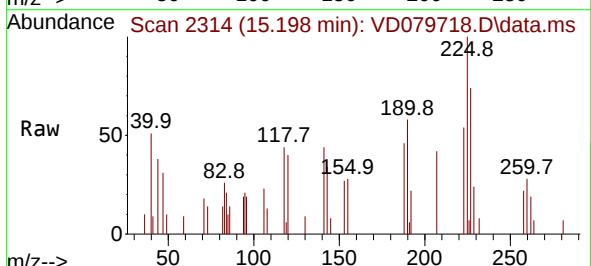
RT: 15.198 min Scan# 2314

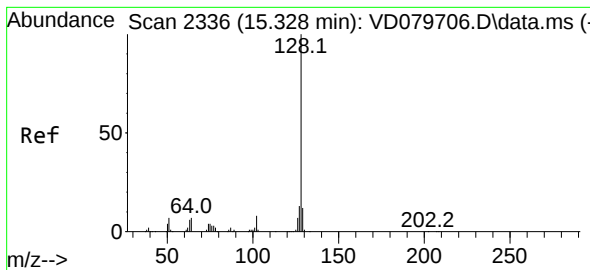
Delta R.T. -0.000 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

Tgt Ion:	225	Resp:	4582
Ion Ratio	Lower	Upper	
225	100		
223	64.9	33.3	99.9
227	71.3	33.6	100.6





#95

Naphthalene

Concen: 4.732 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

Instrument :

MSVOA_D

ClientSampleId :

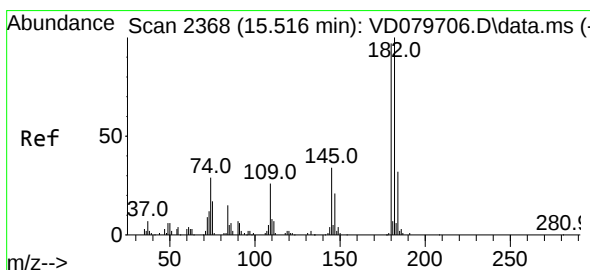
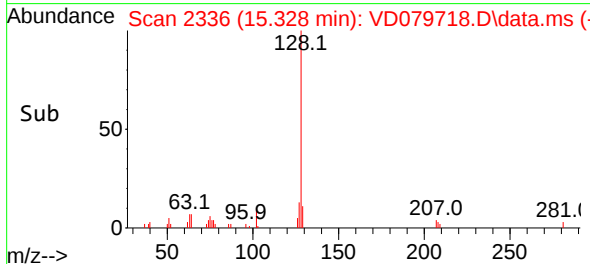
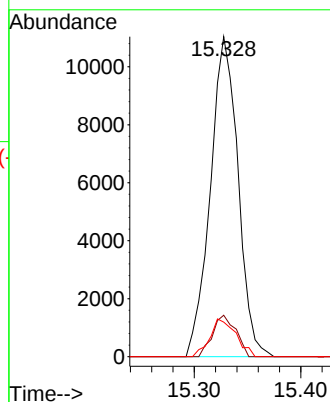
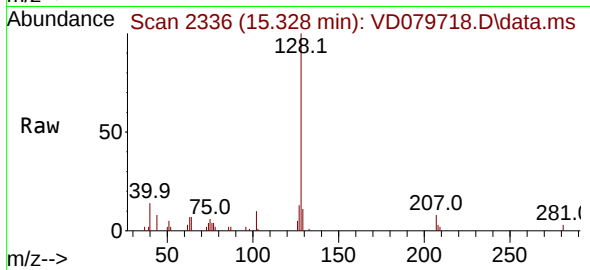
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:128	Resp:	1993
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.2 15.4
129	10.8	8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.491 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.000 min

Lab File: VD079718.D

Acq: 13 Aug 2024 14:47

Tgt Ion:180	Resp:	8670
Ion Ratio	Lower	Upper
180	100	
182	89.2	47.8 143.3
145	35.2	16.1 48.2

