

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079717.D
 Acq On : 13 Aug 2024 13:52
 Operator : RP/MD
 Sample : P3390-01 2.5PPB
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 14 07:56:45 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	166465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	329686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	295177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	128335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	102921	53.741	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.480%			
35) Dibromofluoromethane	7.805	113	105184	51.752	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.500%			
50) Toluene-d8	10.269	98	430757	50.709	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.420%			
62) 4-Bromofluorobenzene	12.575	95	112686	47.377	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	5399	3.305	ug/l	91
3) Chloromethane	2.146	50	12216	3.800	ug/l	92
4) Vinyl Chloride	2.281	62	12667	3.333	ug/l	94
5) Bromomethane	2.693	94	9744	3.767	ug/l	96
6) Chloroethane	2.828	64	8313	3.204	ug/l #	83
7) Trichlorofluoromethane	3.175	101	11225	3.302	ug/l	100
8) Diethyl Ether	3.593	74	3119	2.934	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.964	101	5632	2.815	ug/l #	88
10) Methyl Iodide	4.158	142	5369	2.397	ug/l #	92
11) Tert butyl alcohol	5.064	59	2042m	17.758	ug/l	
12) 1,1-Dichloroethene	3.934	96	6504	3.108	ug/l	83
13) Acrolein	3.805	56	2779	12.475	ug/l	98
14) Allyl chloride	4.552	41	9245	2.946	ug/l #	39
15) Acrylonitrile	5.252	53	7166	14.645	ug/l	96
16) Acetone	4.028	43	6035	14.099	ug/l	97
17) Carbon Disulfide	4.264	76	23533	3.173	ug/l	100
18) Methyl Acetate	4.564	43	3466	2.654	ug/l #	71
19) Methyl tert-butyl Ether	5.311	73	11835	2.755	ug/l #	81
20) Methylene Chloride	4.787	84	15816	4.715	ug/l	92
21) trans-1,2-Dichloroethene	5.299	96	6768	2.946	ug/l #	80
22) Diisopropyl ether	6.205	45	17236	2.665	ug/l #	87
23) Vinyl Acetate	6.152	43	59166	12.481	ug/l	98
24) 1,1-Dichloroethane	6.105	63	11945	2.794	ug/l	97
25) 2-Butanone	7.081	43	7975	13.535	ug/l	89
26) 2,2-Dichloropropane	7.075	77	10188	3.017	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	7786	2.922	ug/l	80
28) Bromochloromethane	7.428	49	5135	2.823	ug/l #	35
29) Tetrahydrofuran	7.446	42	4627	12.918	ug/l #	78
30) Chloroform	7.593	83	12813	3.086	ug/l	94
31) Cyclohexane	7.881	56	12466	3.561	ug/l #	85
32) 1,1,1-Trichloroethane	7.799	97	10467	3.047	ug/l	97
36) 1,1-Dichloropropene	8.005	75	8120	2.577	ug/l	96
37) Ethyl Acetate	7.163	43	3612	2.533	ug/l #	93
38) Carbon Tetrachloride	7.993	117	8130	2.542	ug/l	86
39) Methylcyclohexane	9.263	83	8882	2.385	ug/l #	89
40) Benzene	8.252	78	27909	2.724	ug/l	99

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	1743m	2.321	ug/l	
42) 1,2-Dichloroethane	8.322	62	6561	2.770	ug/l	96
43) Isopropyl Acetate	8.363	43	6754	2.716	ug/l #	78
44) Trichloroethene	9.028	130	6544	2.908	ug/l	76
45) 1,2-Dichloropropane	9.299	63	6977	2.766	ug/l #	88
46) Dibromomethane	9.393	93	3453	2.704	ug/l	85
47) Bromodichloromethane	9.581	83	9022	2.803	ug/l #	99
48) Methyl methacrylate	9.381	41	2874	2.513	ug/l #	84
49) 1,4-Dioxane	9.387	88	645	50.191	ug/l #	73
51) 4-Methyl-2-Pentanone	10.151	43	14583	11.399	ug/l	92
52) Toluene	10.328	92	16289	2.651	ug/l	91
53) t-1,3-Dichloropropene	10.546	75	7946	2.641	ug/l #	87
54) cis-1,3-Dichloropropene	10.010	75	9853	2.668	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	5033	2.957	ug/l #	71
56) Ethyl methacrylate	10.593	69	5035	2.424	ug/l	92
57) 1,3-Dichloropropane	10.881	76	7836	2.670	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	10980	11.829	ug/l	90
59) 2-Hexanone	10.916	43	9943	10.864	ug/l	96
60) Dibromochloromethane	11.069	129	5055	2.410	ug/l	92
61) 1,2-Dibromoethane	11.175	107	4060	2.686	ug/l	97
64) Tetrachloroethene	10.810	164	5054	2.802	ug/l	89
65) Chlorobenzene	11.604	112	17924	2.765	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.675	131	5763	2.727	ug/l	96
67) Ethyl Benzene	11.681	91	28051	2.467	ug/l	96
68) m/p-Xylenes	11.793	106	21743	4.917	ug/l	92
69) o-Xylene	12.116	106	10414	2.576	ug/l	97
70) Styrene	12.134	104	16567	2.336	ug/l	96
71) Bromoform	12.298	173	2747	2.529	ug/l #	96
73) Isopropylbenzene	12.416	105	24407	2.709	ug/l	99
74) N-amyl acetate	12.234	43	5703	2.841	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.675	83	4351	2.586	ug/l	93
76) 1,2,3-Trichloropropane	12.716	75	3177m	3.037	ug/l	
77) Bromobenzene	12.698	156	5734	2.846	ug/l	78
78) n-propylbenzene	12.763	91	31205	2.799	ug/l	97
79) 2-Chlorotoluene	12.845	91	17428	2.807	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	21080	2.821	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	1735m	2.826	ug/l	
82) 4-Chlorotoluene	12.940	91	18711	2.866	ug/l	95
83) tert-Butylbenzene	13.163	119	17332	2.749	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	19395	2.537	ug/l	98
85) sec-Butylbenzene	13.340	105	25299	2.604	ug/l	100
86) p-Isopropyltoluene	13.457	119	20103	2.463	ug/l	97
87) 1,3-Dichlorobenzene	13.451	146	11955	2.787	ug/l	93
88) 1,4-Dichlorobenzene	13.534	146	13287	3.138	ug/l	90
89) n-Butylbenzene	13.787	91	21442	2.787	ug/l	97
90) Hexachloroethane	14.057	117	5116	3.055	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	10491	2.840	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.439	75	702	3.057	ug/l	65
93) 1,2,4-Trichlorobenzene	15.092	180	6460	3.039	ug/l	98
94) Hexachlorobutadiene	15.204	225	3251	3.042	ug/l	86
95) Naphthalene	15.328	128	12214	3.005	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.522	180	5418	2.908	ug/l	97

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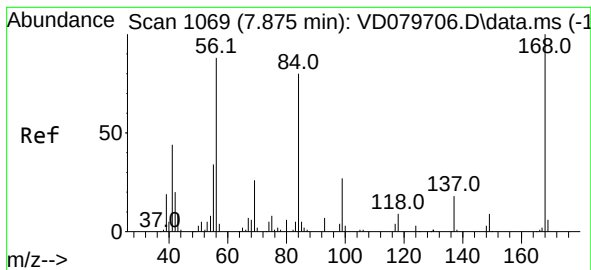
Manual Integrations
APPROVED

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

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

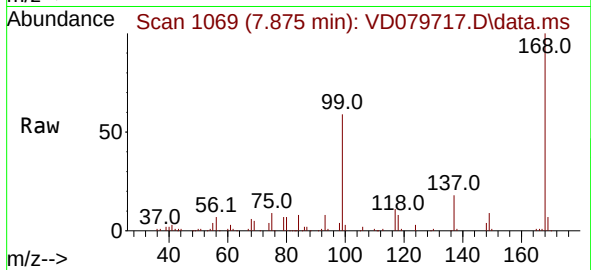
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079717.D
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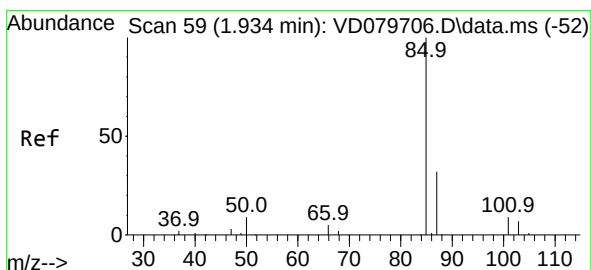
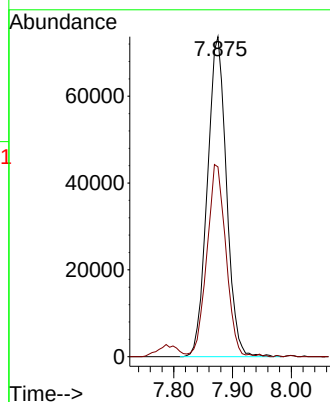
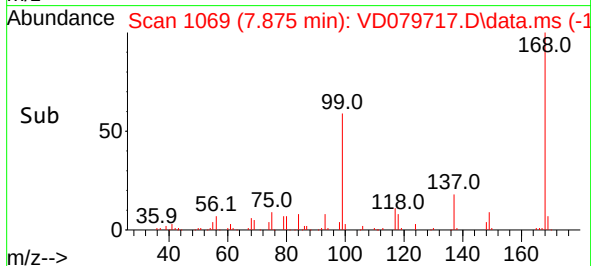
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:168 Resp: 16646
Ion Ratio Lower Upper
168 100
99 59.1 41.1 61.7

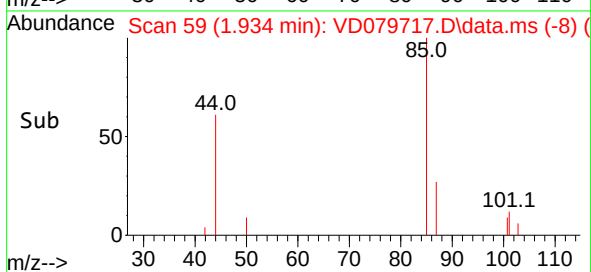
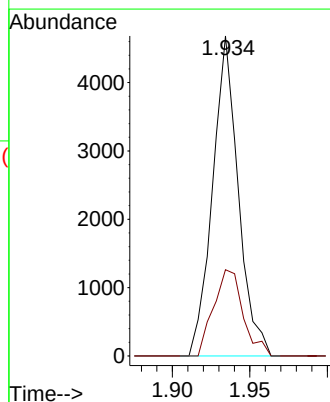
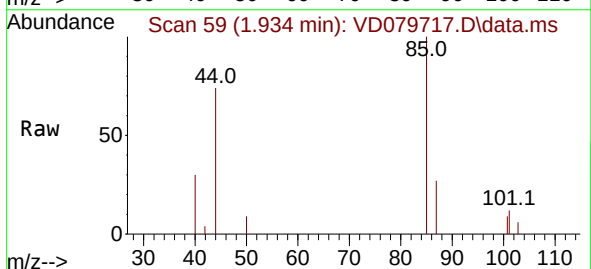
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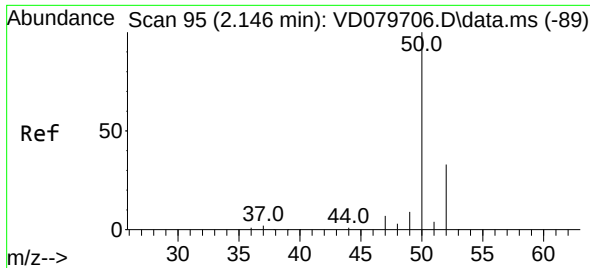
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#2
Dichlorodifluoromethane
Concen: 3.305 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

Tgt Ion: 85 Resp: 5399
Ion Ratio Lower Upper
85 100
87 27.0 16.0 48.0





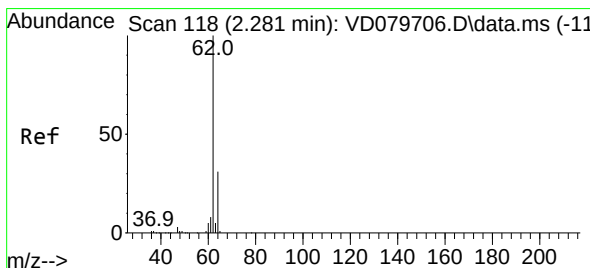
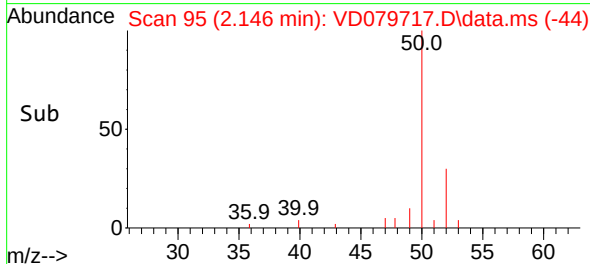
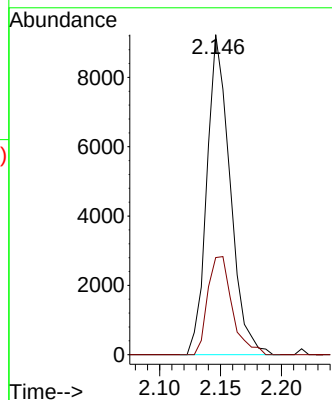
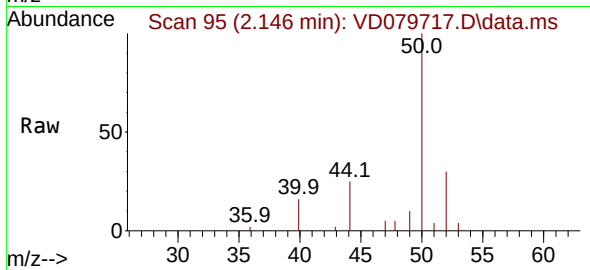
#3
Chloromethane
Concen: 3.800 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD079717.D
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Tgt Ion: 50 Resp: 12210
Ion Ratio Lower Upper
50 100
52 30.4 28.2 42.2

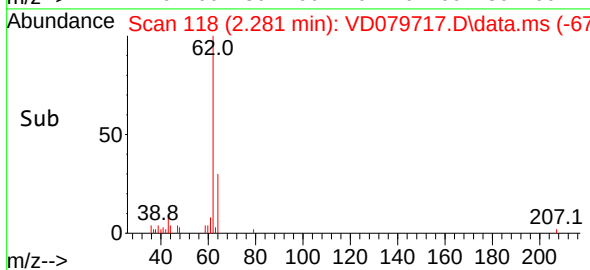
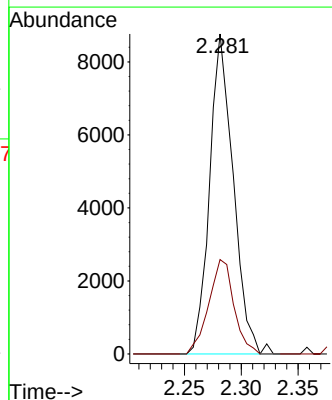
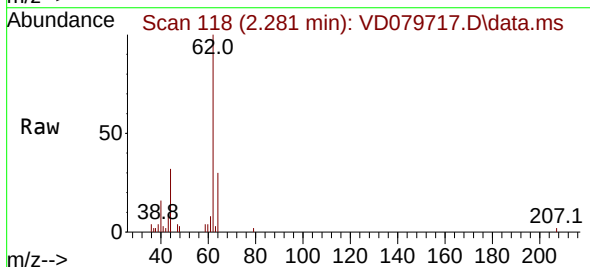
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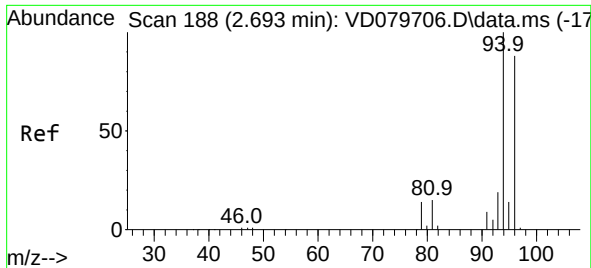
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#4
Vinyl Chloride
Concen: 3.333 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

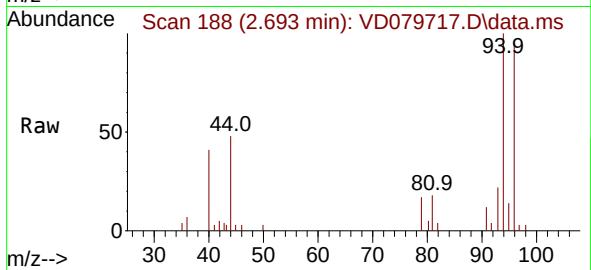
Tgt Ion: 62 Resp: 12667
Ion Ratio Lower Upper
62 100
64 29.5 26.3 39.5





#5
Bromomethane
Concen: 3.767 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079717.D
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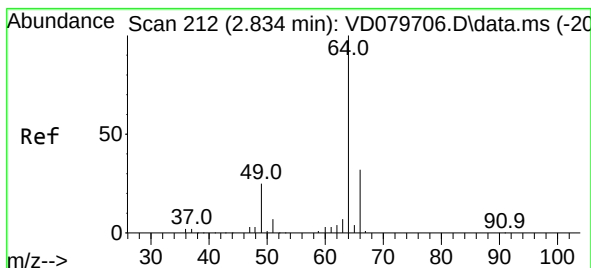
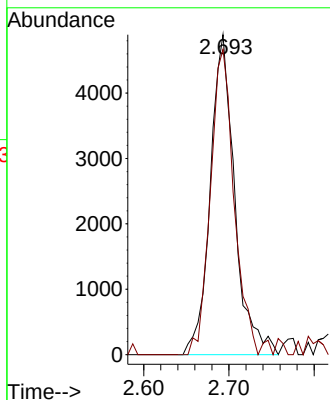
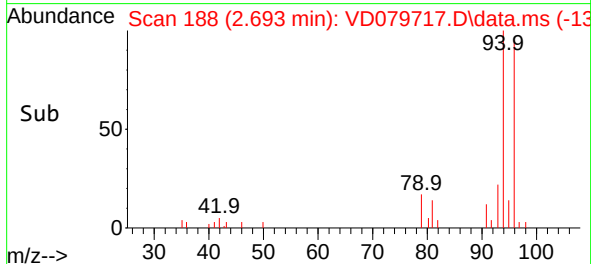
Instrument : MSVOA_D
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Tgt Ion: 94 Resp: 9744
Ion Ratio Lower Upper
94 100
96 92.3 76.9 115.3

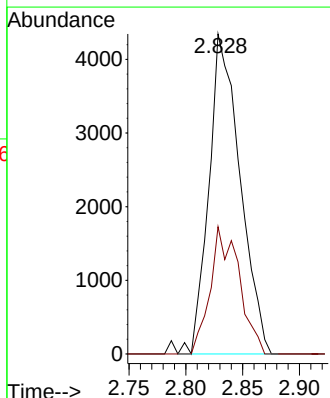
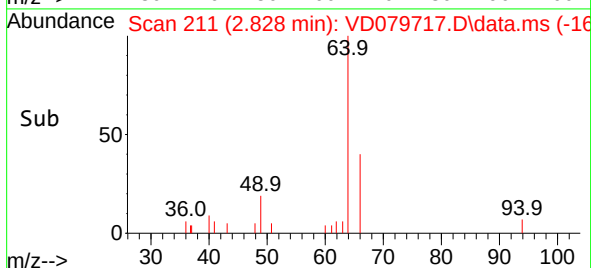
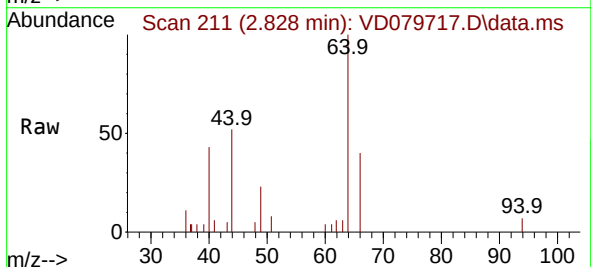
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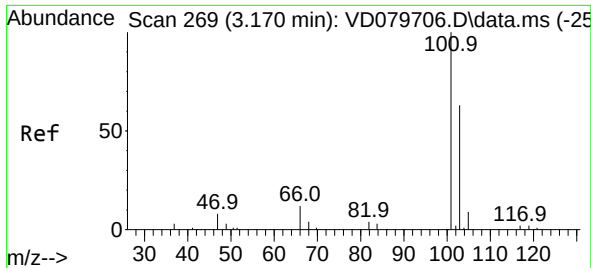
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#6
Chloroethane
Concen: 3.204 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD079717.D
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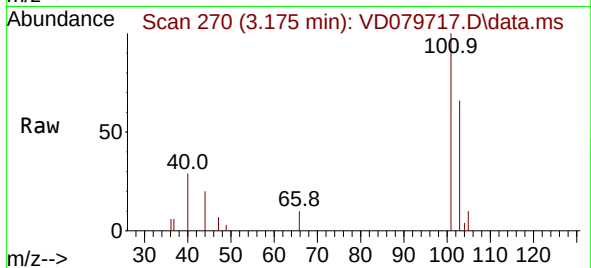
Tgt Ion: 64 Resp: 8313
Ion Ratio Lower Upper
64 100
66 39.8 24.5 36.7#





#7
 Trichlorofluoromethane
 Concen: 3.302 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD079717.D
 Acq: 13 Aug 2024 13:52

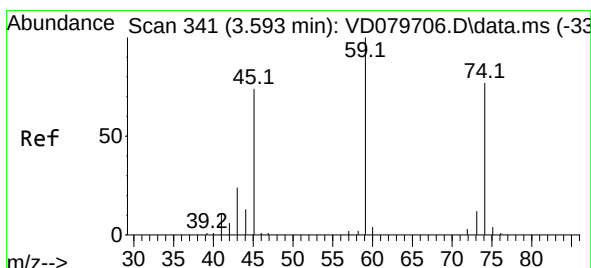
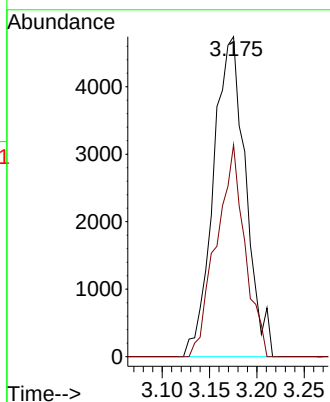
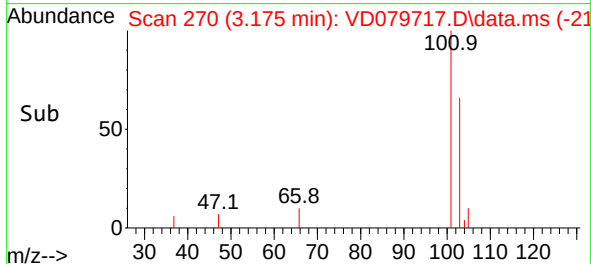
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:101 Resp: 1122
 Ion Ratio Lower Upper
 101 100
 103 66.2 53.2 79.8

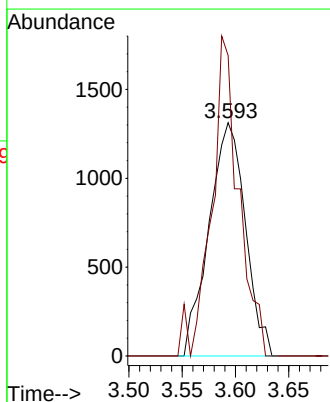
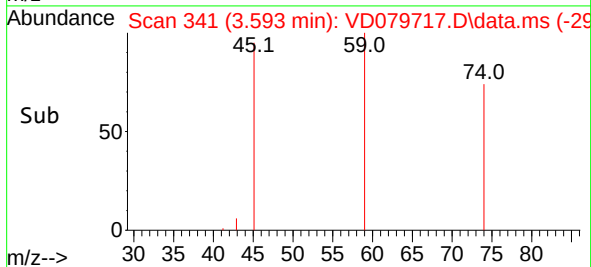
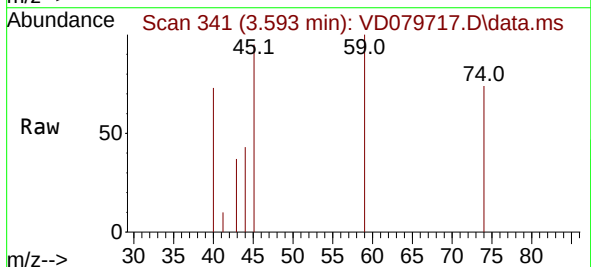
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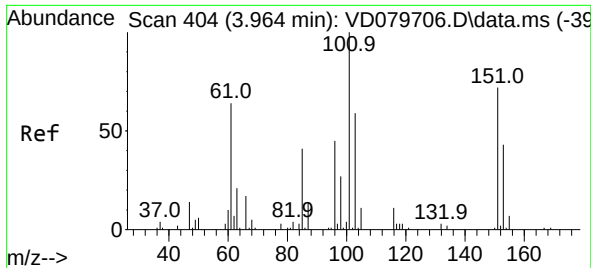
Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024



#8
 Diethyl Ether
 Concen: 2.934 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD079717.D
 Acq: 13 Aug 2024 13:52

Tgt Ion: 74 Resp: 3119
 Ion Ratio Lower Upper
 74 100
 45 102.2 37.9 113.6





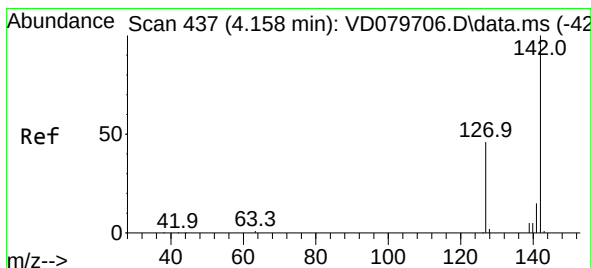
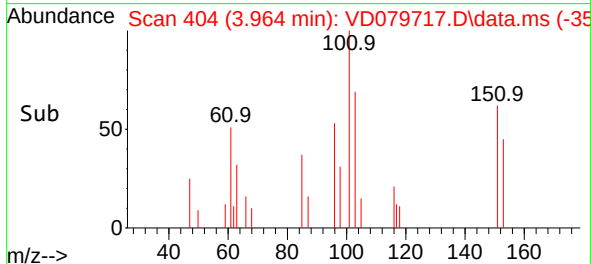
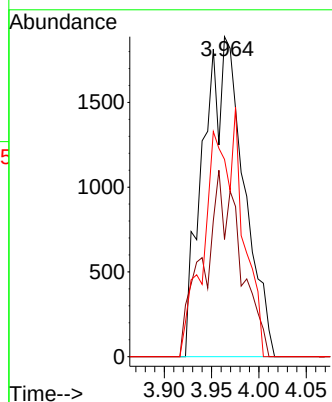
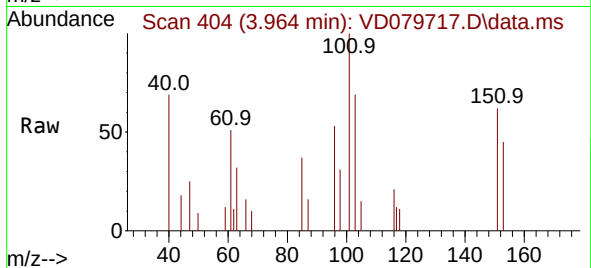
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.815 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

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

Tgt Ion:101 Resp: 563
Ion Ratio Lower Upper
101 100
85 52.6 33.5 50.3
151 67.9 60.3 90.5

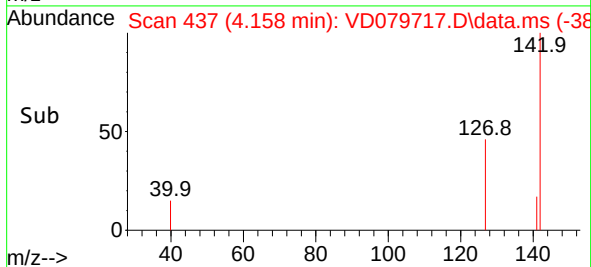
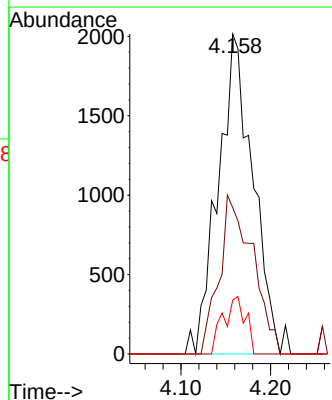
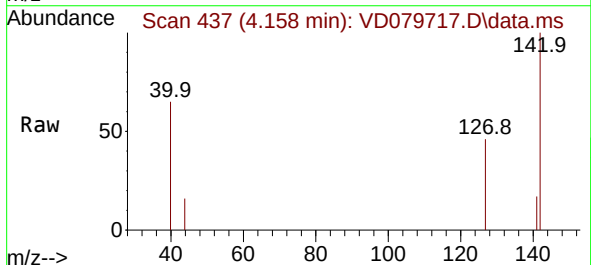
Manual Integrations
APPROVED

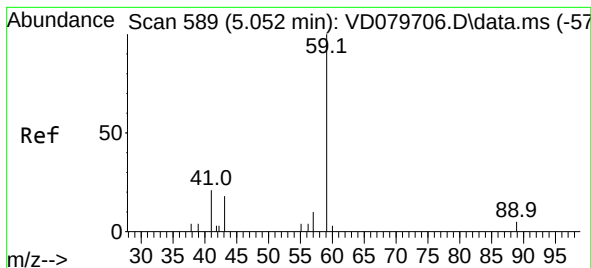
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#10
Methyl Iodide
Concen: 2.397 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

Tgt Ion:142 Resp: 5369
Ion Ratio Lower Upper
142 100
127 48.3 34.2 51.4
141 11.6 11.7 17.5#





#11

Tert butyl alcohol

Concen: 17.758 ug/l m

RT: 5.064 min Scan# 591

Delta R.T. 0.012 min

Lab File: VD079717.D

Acq: 13 Aug 2024 13:52

Instrument :

MSVOA_D

ClientSampleId :

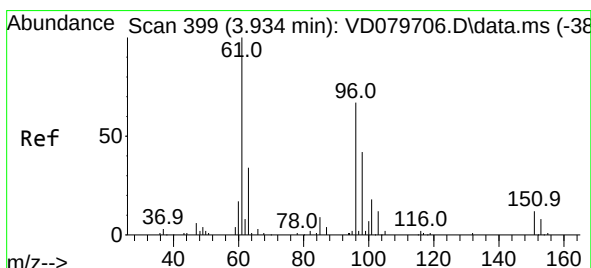
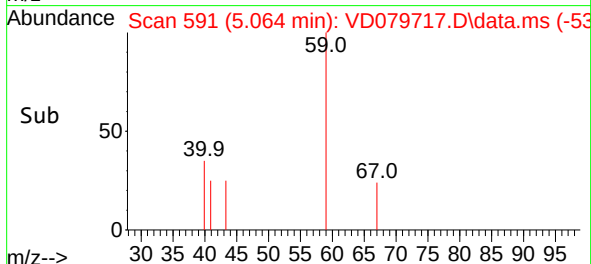
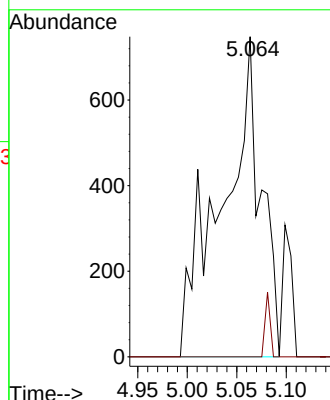
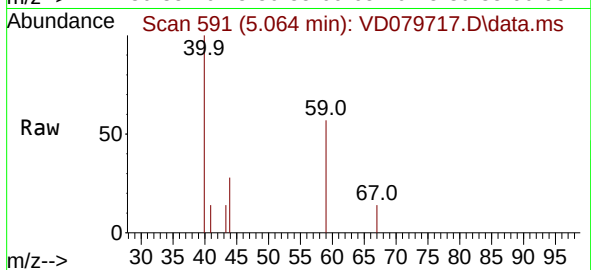
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 59 Resp: 2042
 Ion Ratio Lower Upper
 59 100
 57 2.6 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: 3.108 ug/l

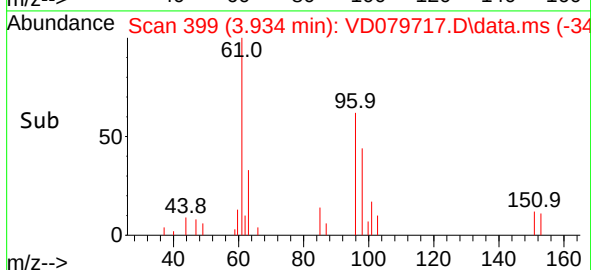
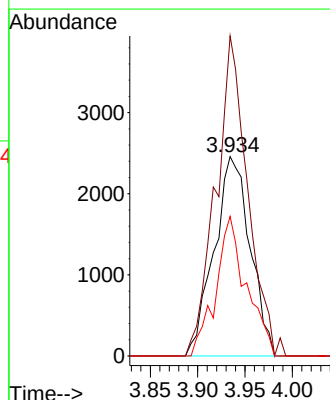
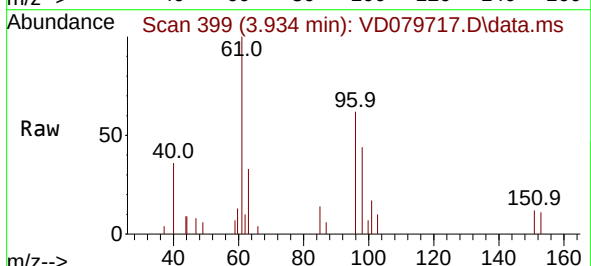
RT: 3.934 min Scan# 399

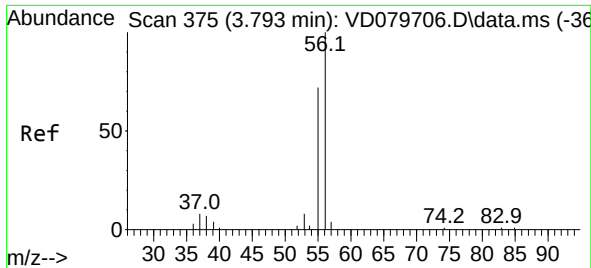
Delta R.T. -0.000 min

Lab File: VD079717.D

Acq: 13 Aug 2024 13:52

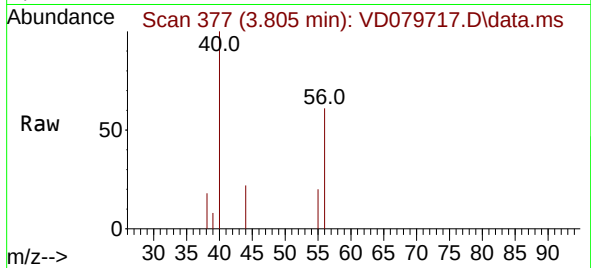
Tgt Ion: 96 Resp: 6504
 Ion Ratio Lower Upper
 96 100
 61 160.5 107.3 160.9
 98 70.0 51.7 77.5





#13
Acrolein
Concen: 12.475 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

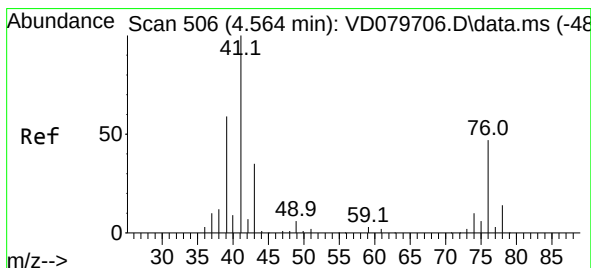
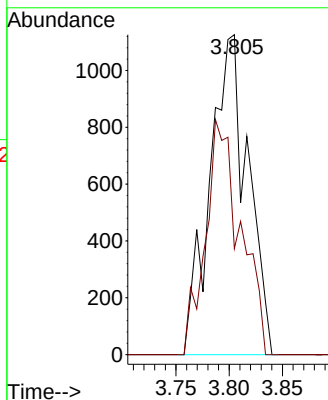
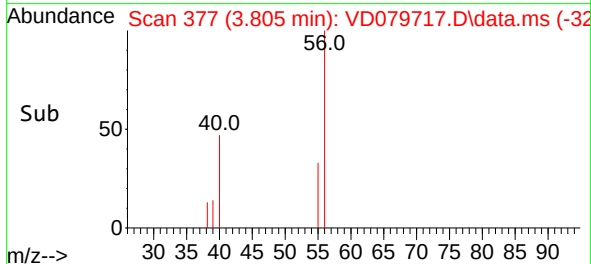
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 56 Resp: 2779
Ion Ratio Lower Upper
56 100
55 67.8 55.3 82.9

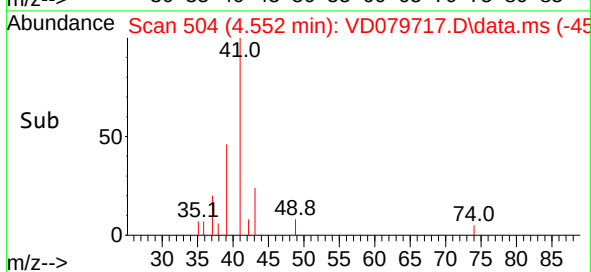
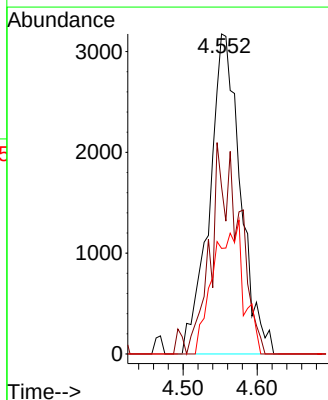
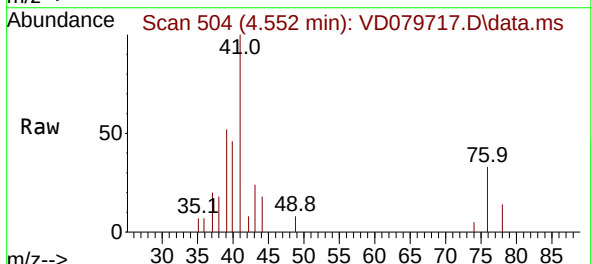
Manual Integrations
APPROVED

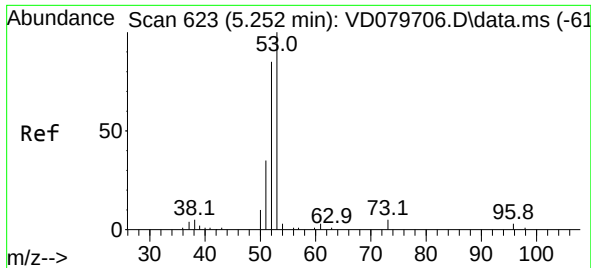
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#14
Allyl chloride
Concen: 2.946 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.012 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

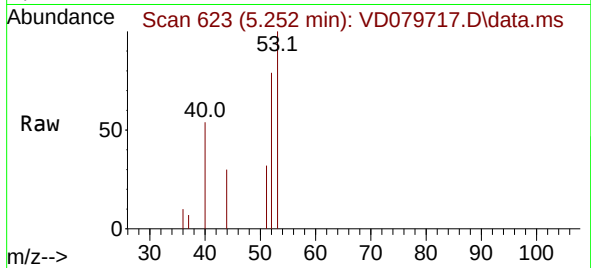
Tgt Ion: 41 Resp: 9245
Ion Ratio Lower Upper
41 100
39 31.8 58.0 87.0#
76 0.0 45.9 68.9#





#15
Acrylonitrile
Concen: 14.645 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

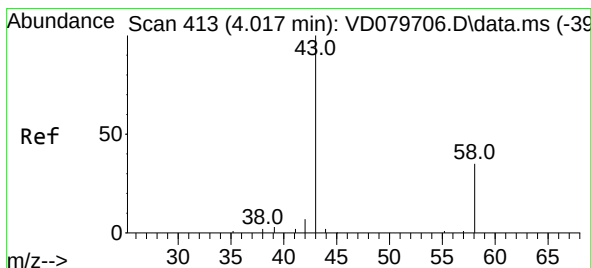
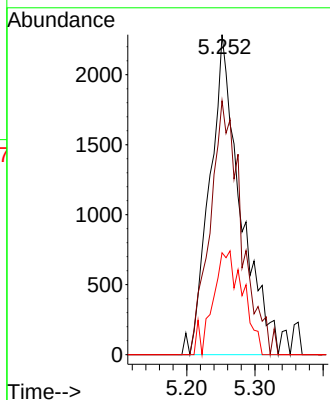
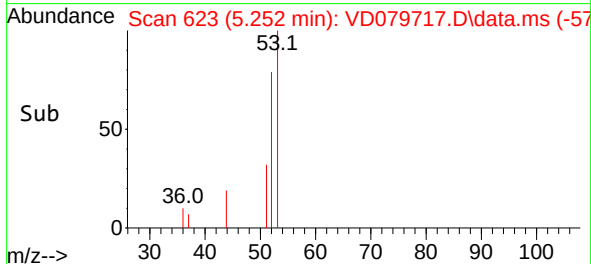
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 53 Resp: 7160
Ion Ratio Lower Upper
53 100
52 81.3 67.7 101.5
51 31.9 28.6 42.8

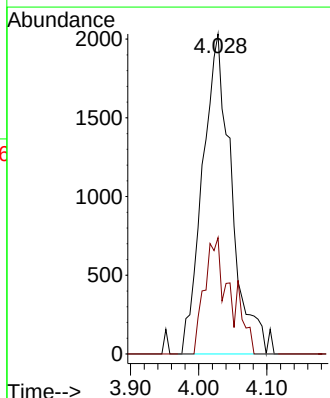
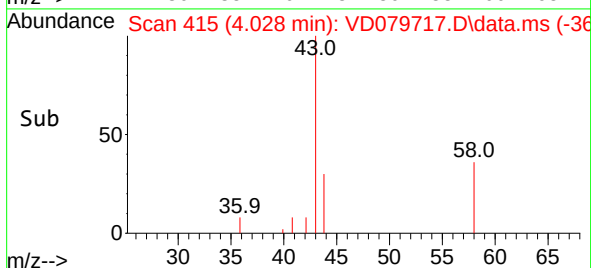
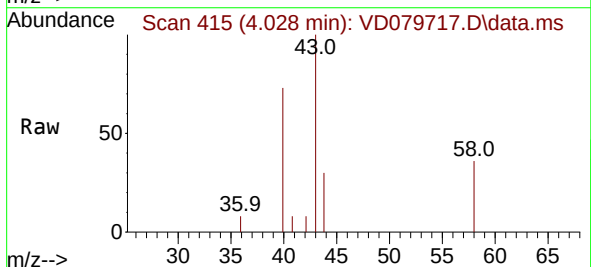
Manual Integrations
APPROVED

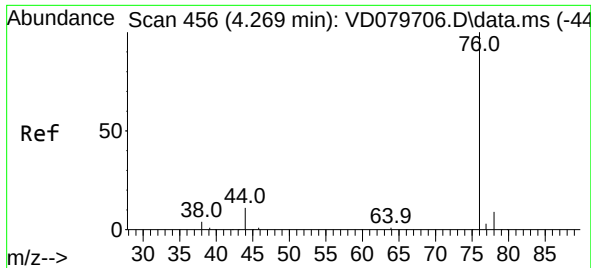
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#16
Acetone
Concen: 14.099 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

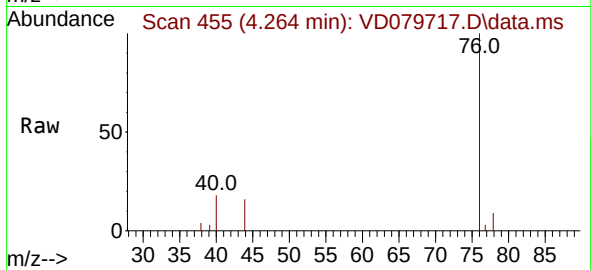
Tgt Ion: 43 Resp: 6035
Ion Ratio Lower Upper
43 100
58 36.4 30.4 45.6





#17
Carbon Disulfide
Concen: 3.173 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

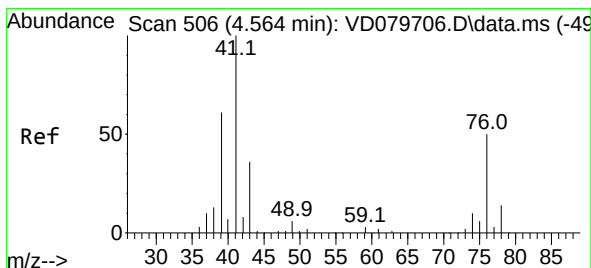
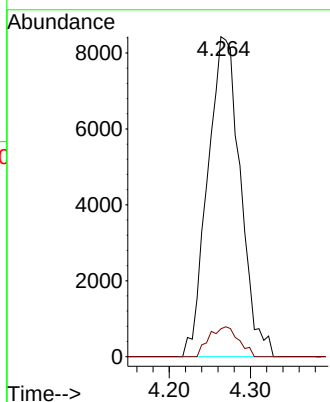
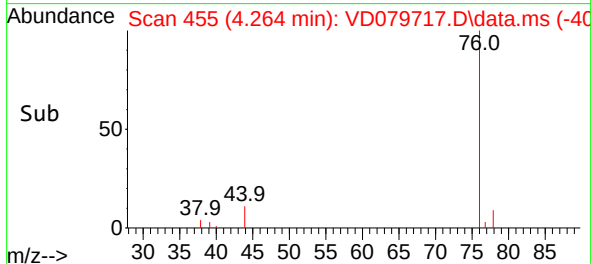
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 76 Resp: 2353
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3

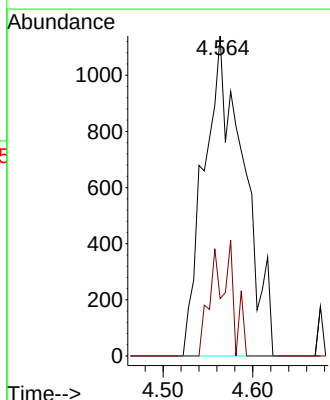
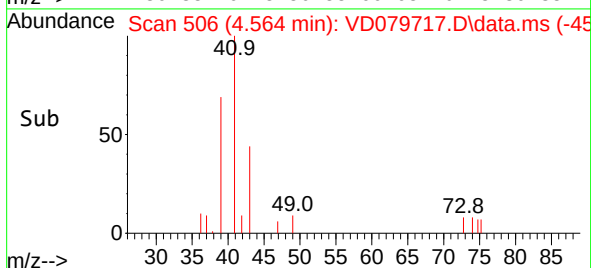
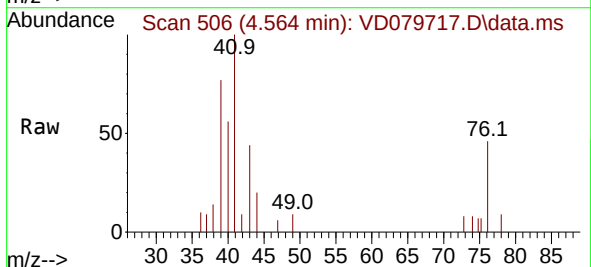
Manual Integrations
APPROVED

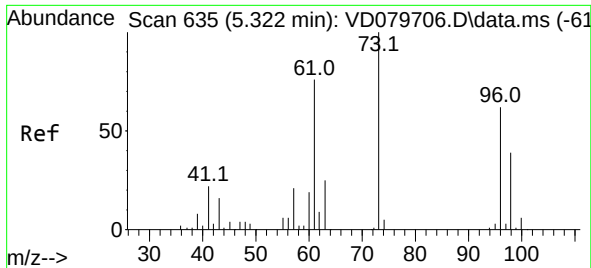
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#18
Methyl Acetate
Concen: 2.654 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

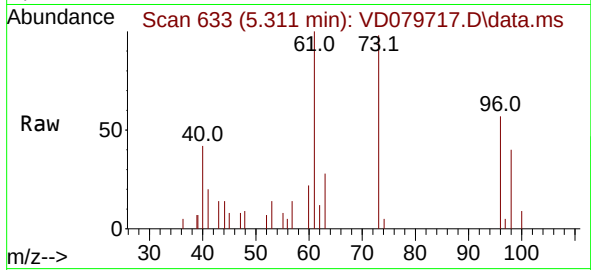
Tgt Ion: 43 Resp: 3466
Ion Ratio Lower Upper
43 100
74 18.4 28.1 42.1#





#19
Methyl tert-butyl Ether
Concen: 2.755 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

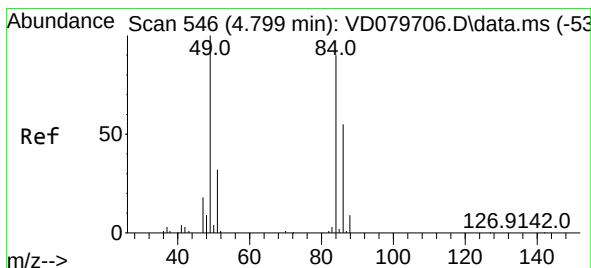
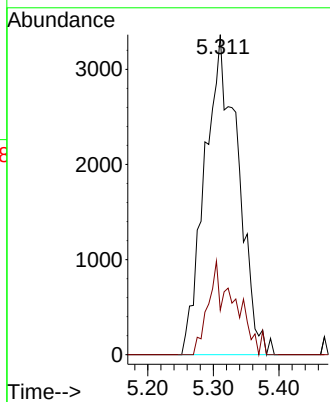
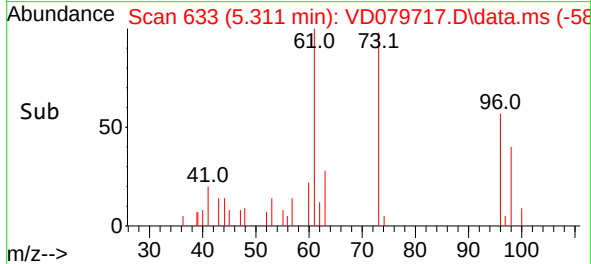
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 73 Resp: 1183
Ion Ratio Lower Upper
73 100
57 13.9 18.3 27.5

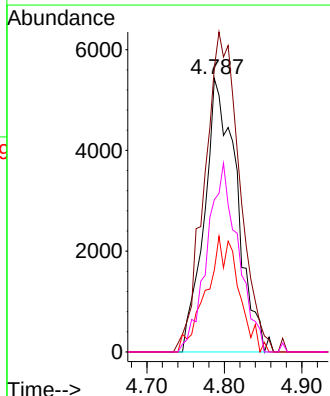
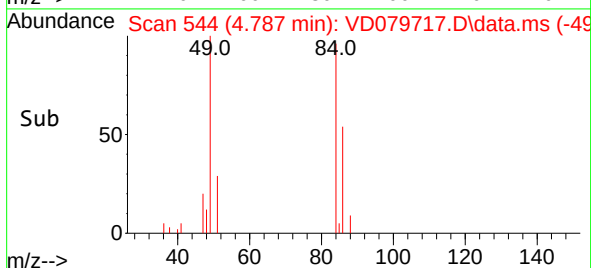
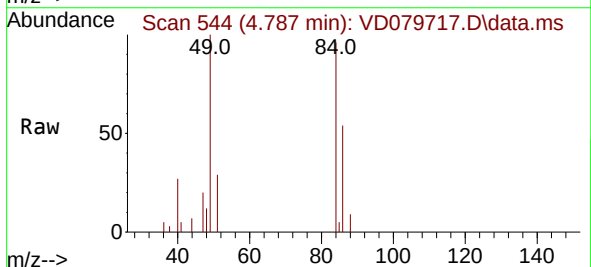
Manual Integrations
APPROVED

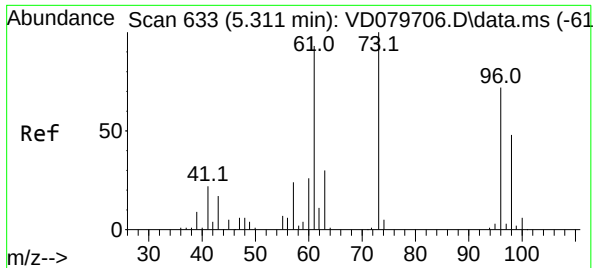
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#20
Methylene Chloride
Concen: 4.715 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.012 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

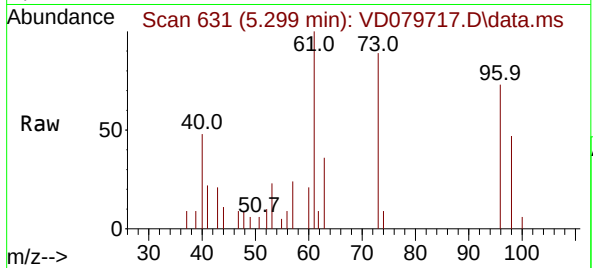
Tgt Ion: 84 Resp: 15816
Ion Ratio Lower Upper
84 100
49 104.1 75.6 113.4
51 30.1 24.2 36.2
86 55.8 49.2 73.8





#21
trans-1,2-Dichloroethene
Concen: 2.946 ug/l
RT: 5.299 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

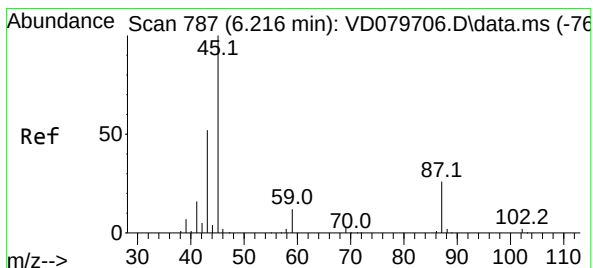
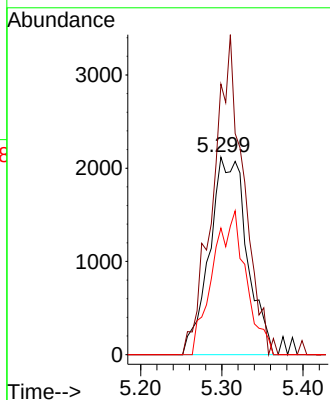
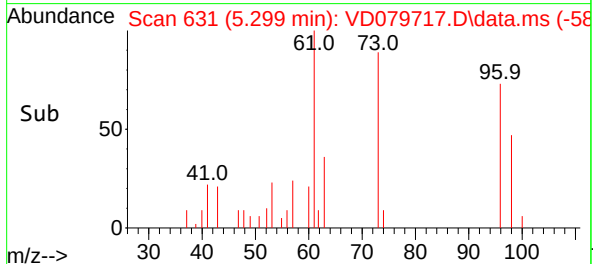
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



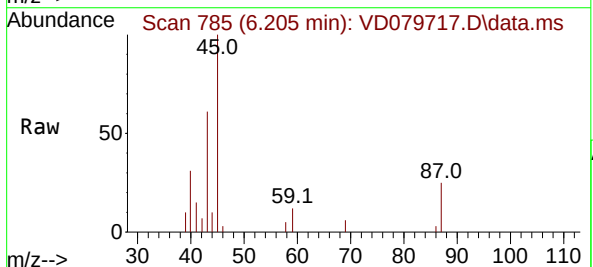
Tgt Ion: 96 Resp: 6768
Ion Ratio Lower Upper
96 100
61 137.0 84.5 126.7
98 64.1 50.5 75.7

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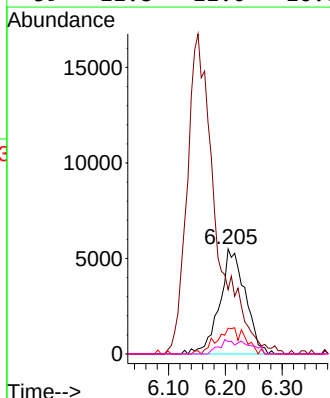
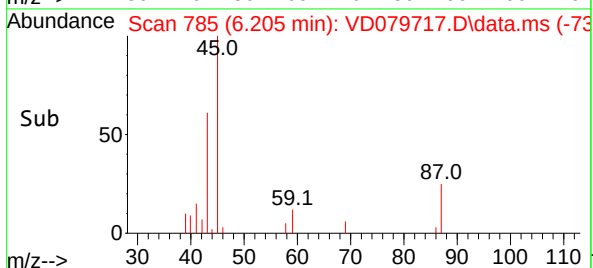
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

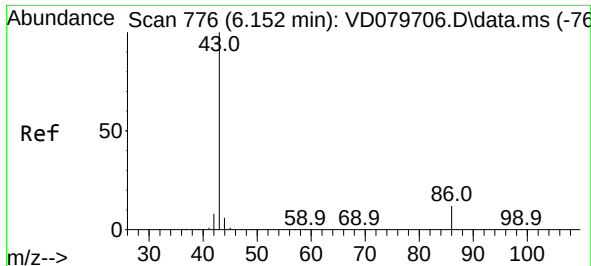


#22
Diisopropyl ether
Concen: 2.665 ug/l
RT: 6.205 min Scan# 785
Delta R.T. -0.012 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52



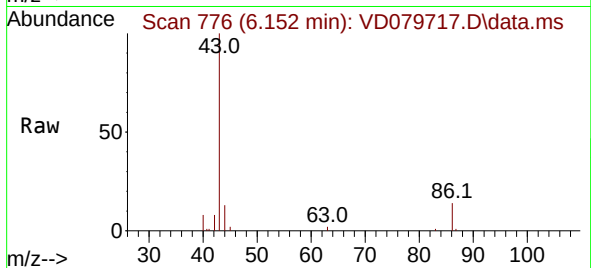
Tgt Ion: 45 Resp: 17236
Ion Ratio Lower Upper
45 100
43 58.2 41.7 62.5
87 24.5 30.2 45.2#
59 11.8 11.0 16.6





#23
 Vinyl Acetate
 Concen: 12.481 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD079717.D
 Acq: 13 Aug 2024 13:52

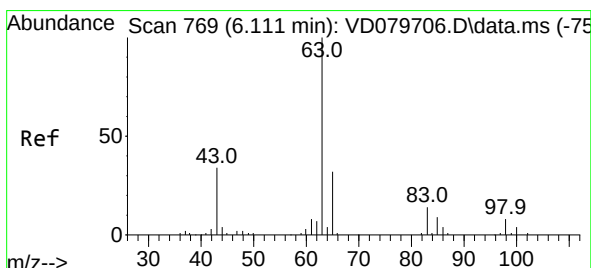
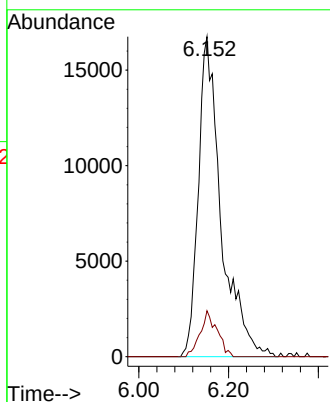
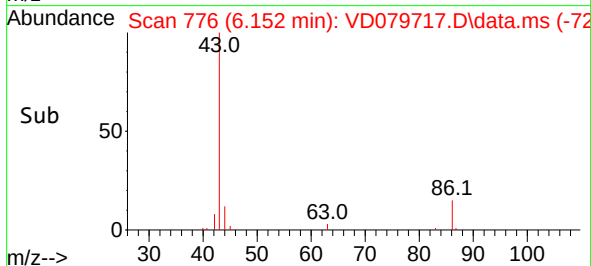
Instrument : MSVOA_D
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



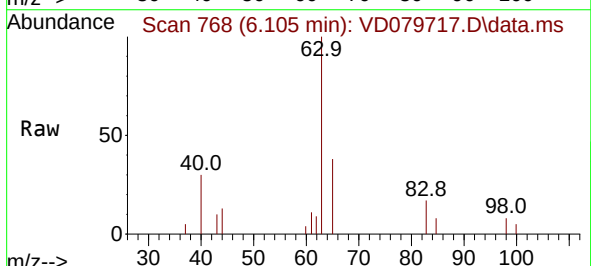
Tgt Ion: 43 Resp: 5916
 Ion Ratio Lower Upper
 43 100
 86 14.4 12.3 18.5

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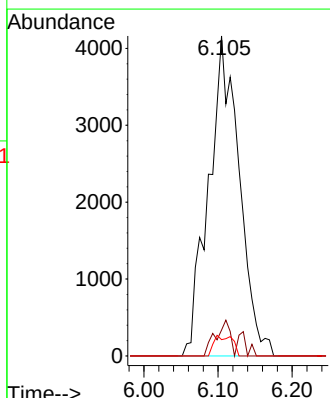
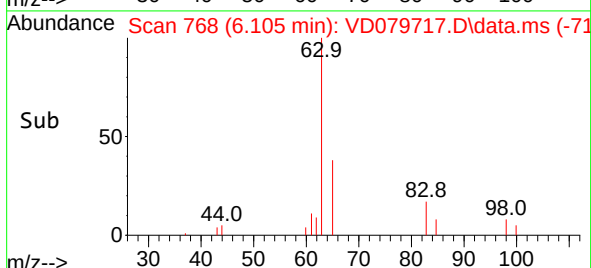
Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024

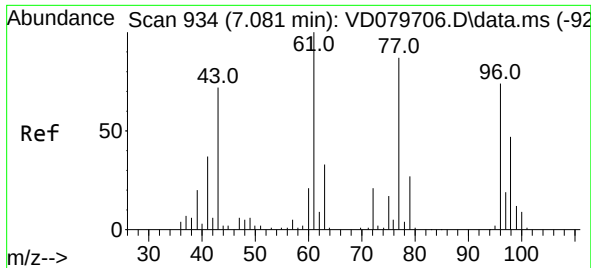


#24
 1,1-Dichloroethane
 Concen: 2.794 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD079717.D
 Acq: 13 Aug 2024 13:52



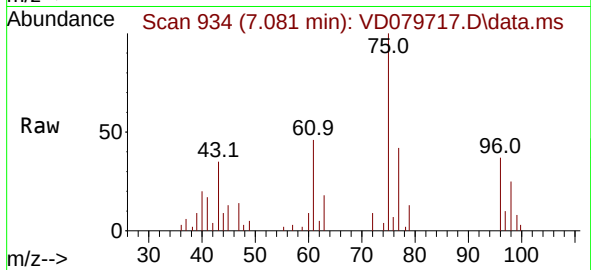
Tgt Ion: 63 Resp: 11945
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.7 14.0
 100 5.1 2.9 8.6





#25
2-Butanone
Concen: 13.535 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

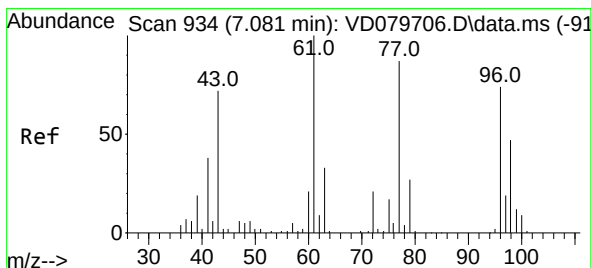
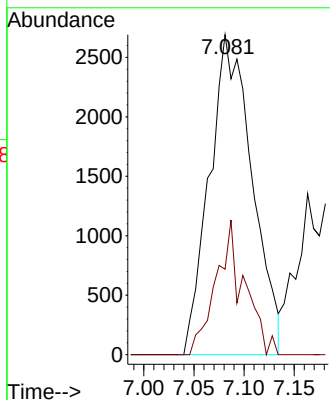
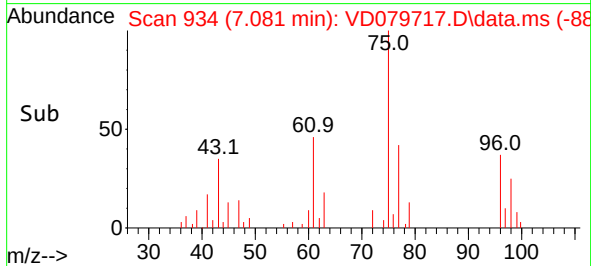
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



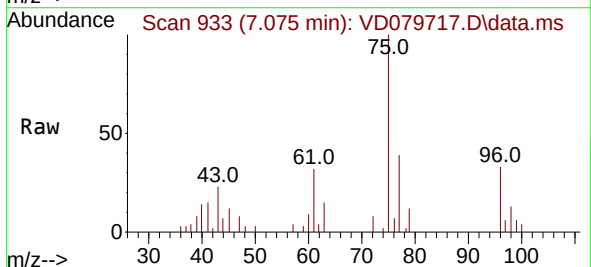
Tgt Ion: 43 Resp: 797
Ion Ratio Lower Upper
43 100
72 26.7 26.4 39.6

Manual Integrations
APPROVED

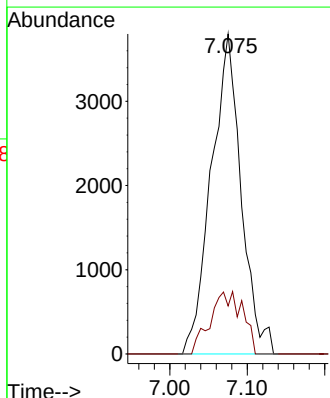
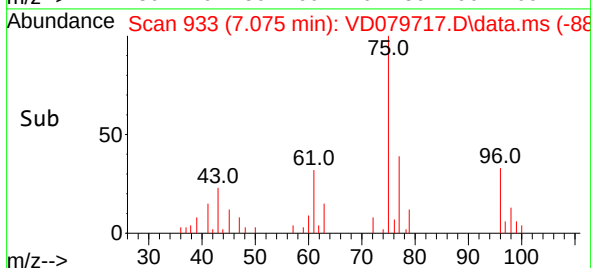
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

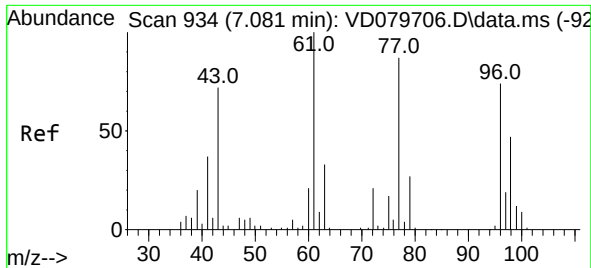


#26
2,2-Dichloropropane
Concen: 3.017 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52



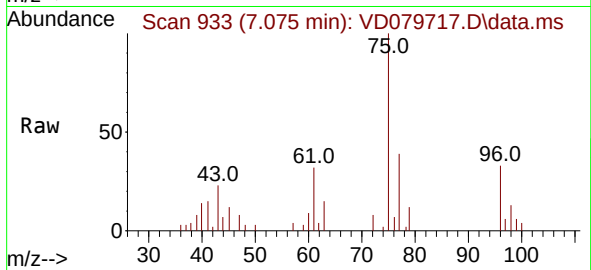
Tgt Ion: 77 Resp: 10188
Ion Ratio Lower Upper
77 100
97 21.2 12.4 37.2





#27
 cis-1,2-Dichloroethene
 Concen: 2.922 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD079717.D
 Acq: 13 Aug 2024 13:52

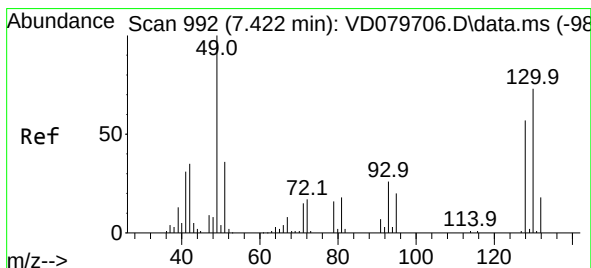
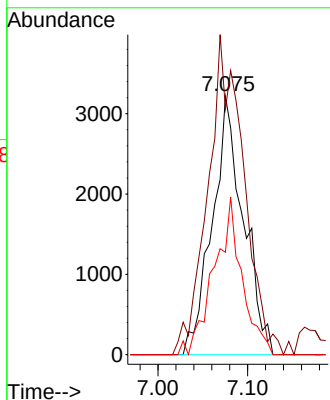
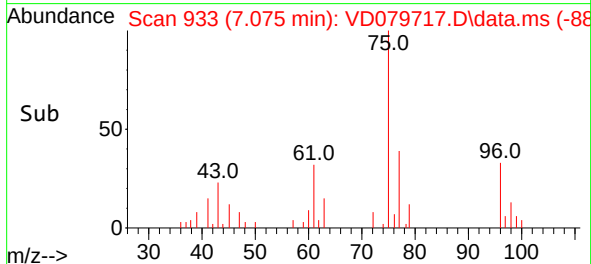
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 96 Resp: 7780
 Ion Ratio Lower Upper
 96 100
 61 141.2 0.0 229.0
 98 54.3 0.0 127.2

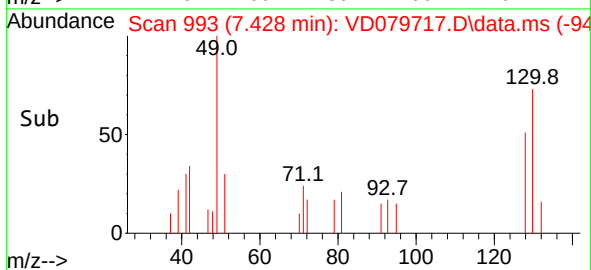
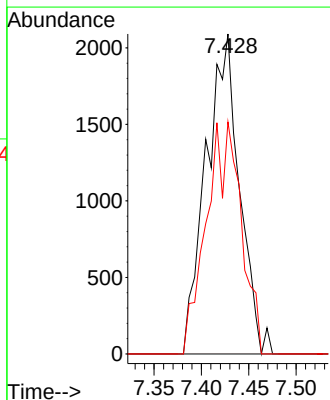
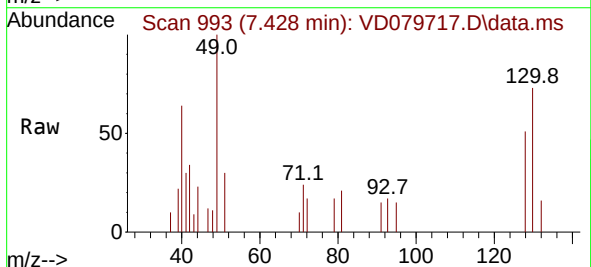
Manual Integrations
 APPROVED

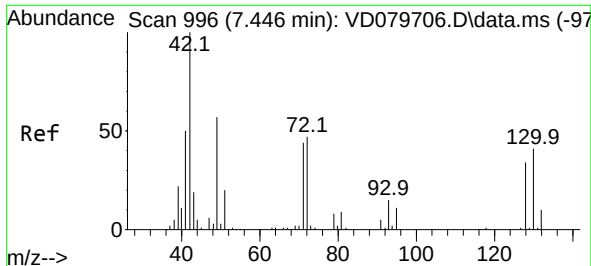
Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024



#28
 Bromochloromethane
 Concen: 2.823 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD079717.D
 Acq: 13 Aug 2024 13:52

Tgt Ion: 49 Resp: 5135
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 7.0
 130 39.2 87.7 131.5#





#29

Tetrahydrofuran

Concen: 12.918 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD079717.D

Acq: 13 Aug 2024 13:52

Instrument :

MSVOA_D

ClientSampleId :

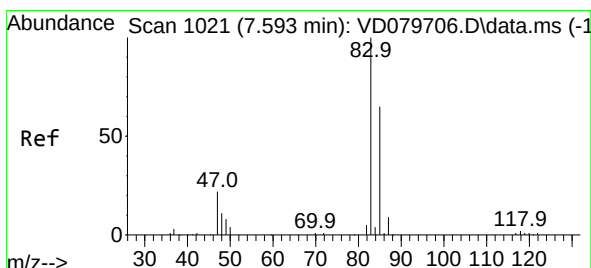
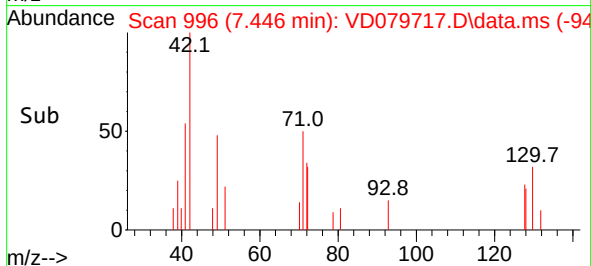
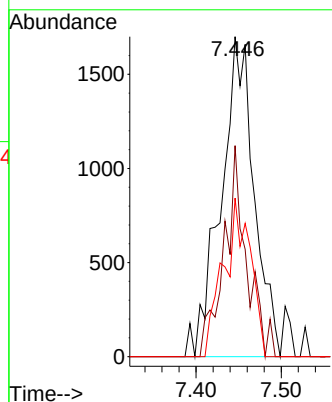
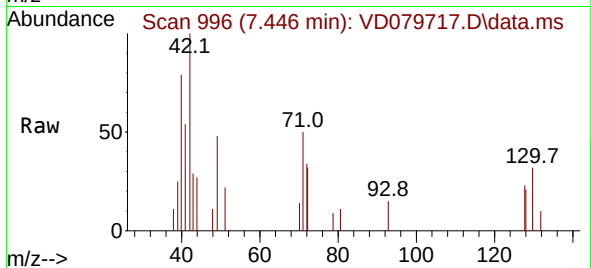
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 42	Resp: 462
Ion Ratio	Lower Upper
42	100
72	44.5 49.4 74.0
71	40.1 45.0 67.6

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 3.086 ug/l

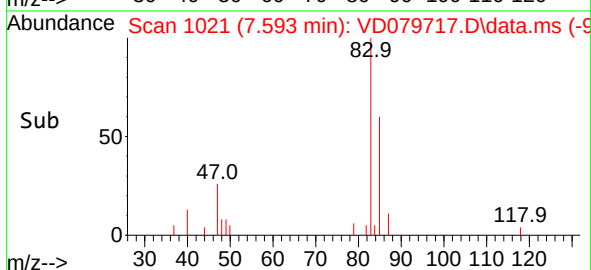
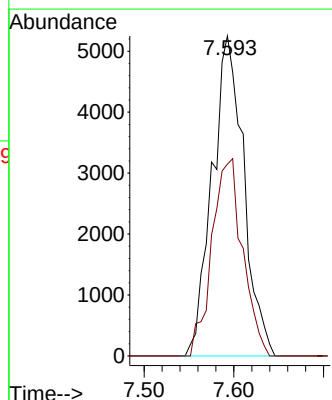
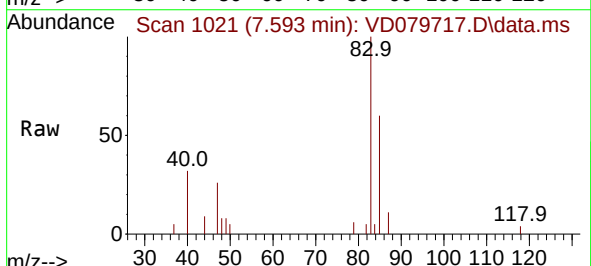
RT: 7.593 min Scan# 1021

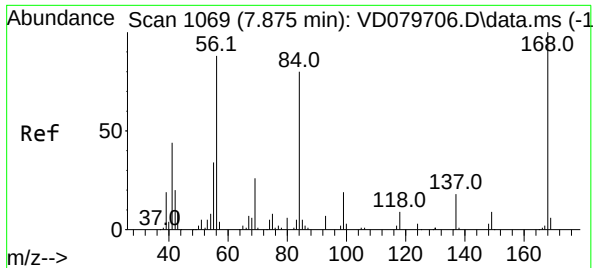
Delta R.T. -0.000 min

Lab File: VD079717.D

Acq: 13 Aug 2024 13:52

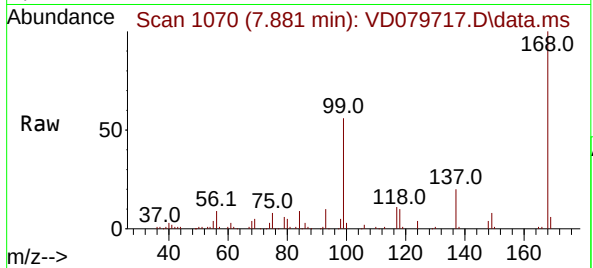
Tgt Ion: 83	Resp: 12813
Ion Ratio	Lower Upper
83	100
85	59.9 51.8 77.6





#31
Cyclohexane
Concen: 3.561 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

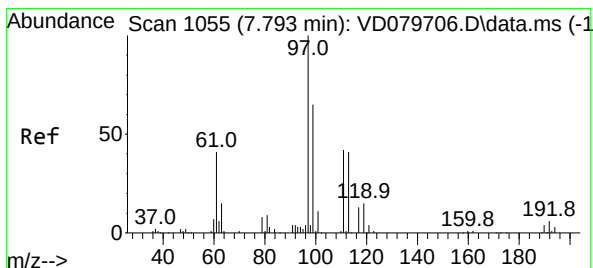
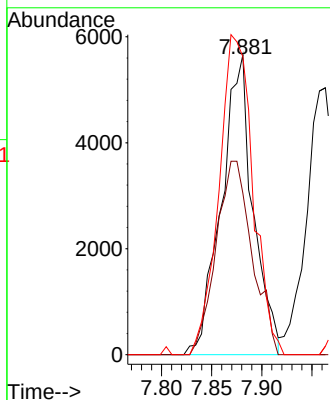
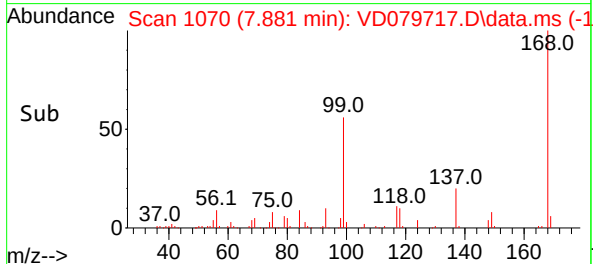
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



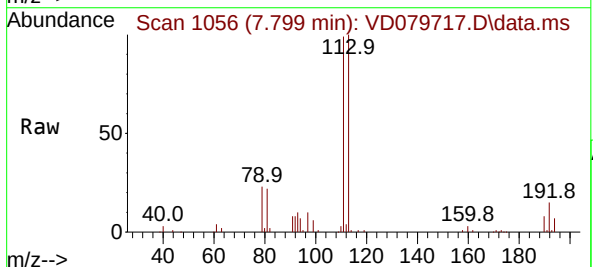
Tgt Ion: 56 Resp: 1246
Ion Ratio Lower Upper
56 100
69 53.9 28.0 42.0
84 99.4 87.4 131.0

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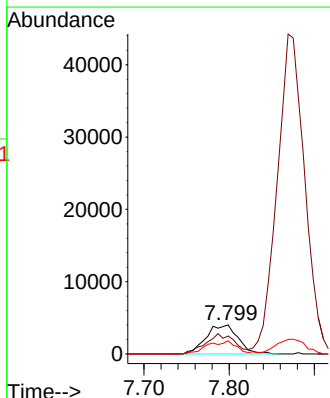
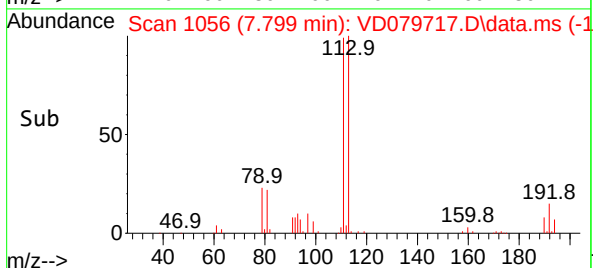
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

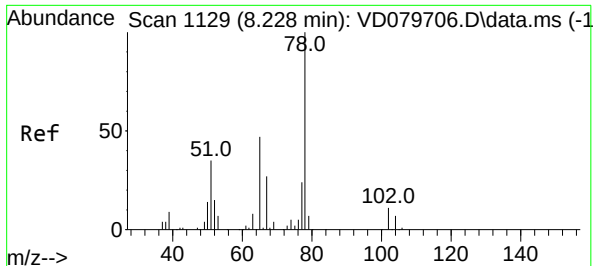


#32
1,1,1-Trichloroethane
Concen: 3.047 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52



Tgt Ion: 97 Resp: 10467
Ion Ratio Lower Upper
97 100
99 62.9 51.3 76.9
61 42.0 31.4 47.2





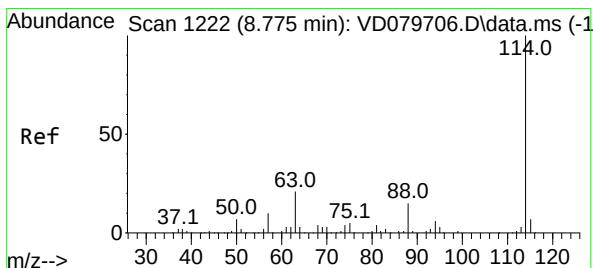
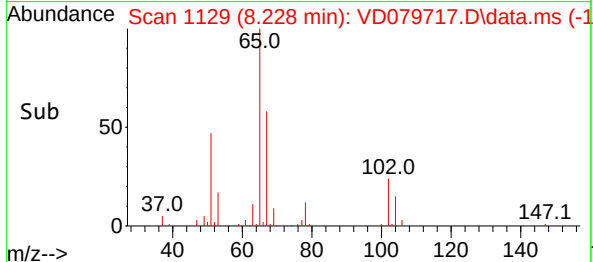
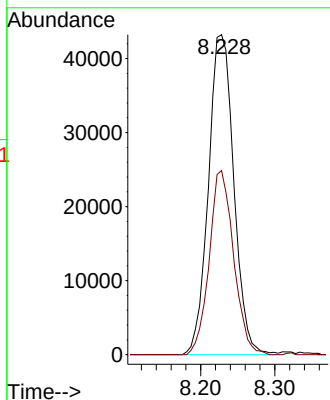
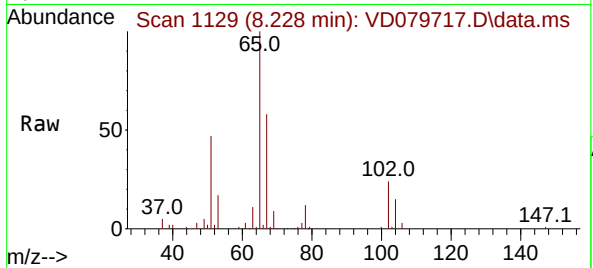
#33
1,2-Dichloroethane-d4
Concen: 53.741 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

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

Tgt Ion: 65 Resp: 10292
Ion Ratio Lower Upper
65 100
67 55.2 0.0 111.0

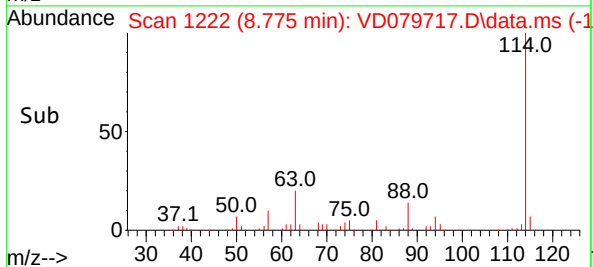
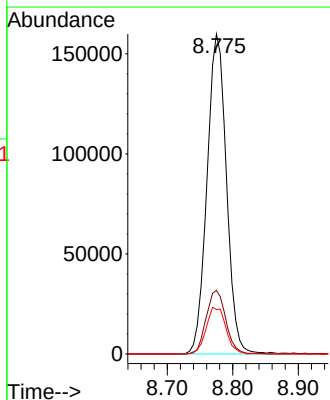
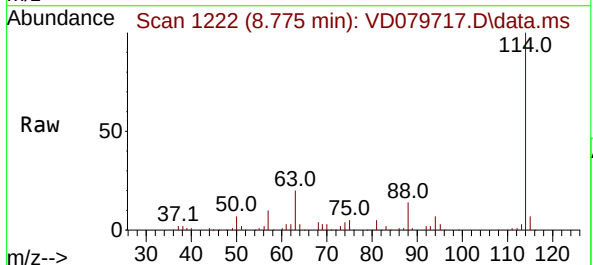
Manual Integrations
APPROVED

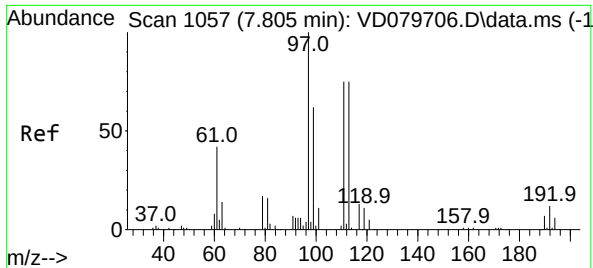
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

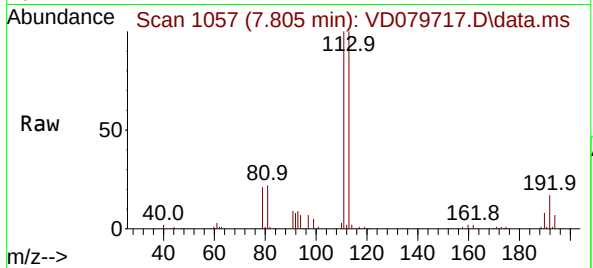
Tgt Ion:114 Resp: 329686
Ion Ratio Lower Upper
114 100
63 19.8 0.0 34.0
88 13.9 0.0 27.2





#35
Dibromofluoromethane
Concen: 51.752 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

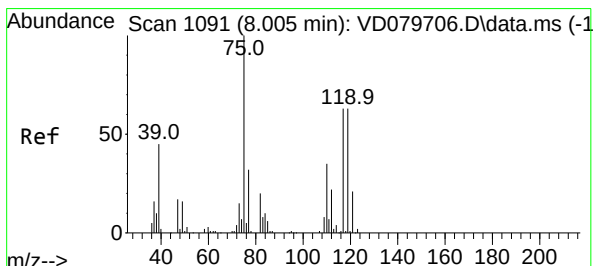
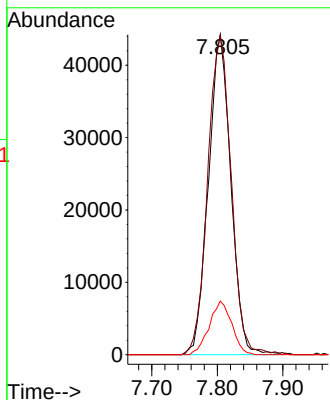
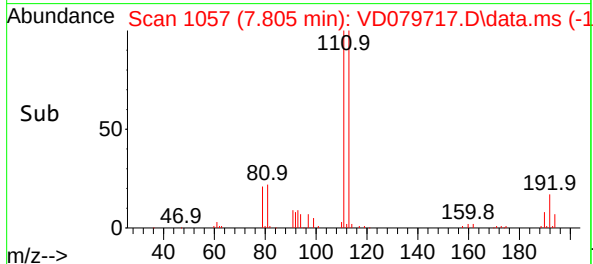
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 113 Resp: 105184
Ion Ratio Lower Upper
113 100
111 104.1 84.0 126.0
192 16.8 15.4 23.0

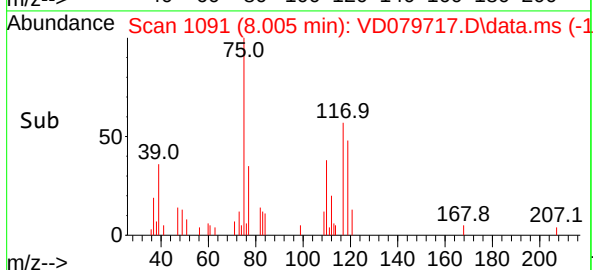
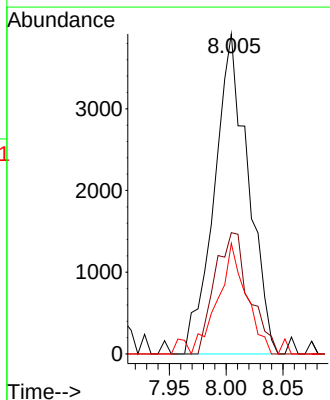
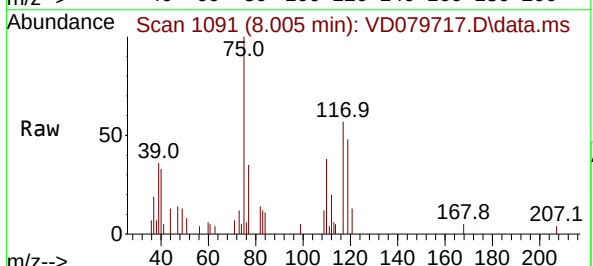
Manual Integrations
APPROVED

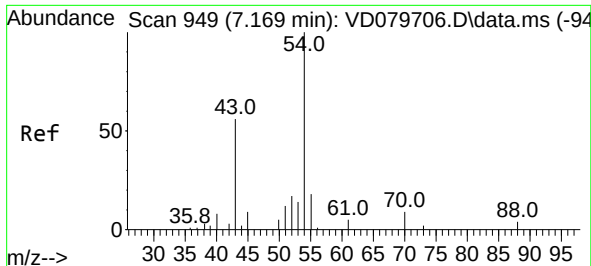
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#36
1,1-Dichloropropene
Concen: 2.577 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

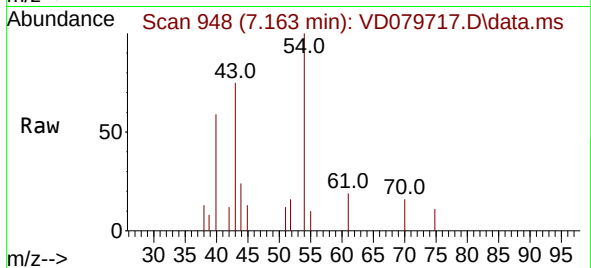
Tgt Ion: 75 Resp: 8120
Ion Ratio Lower Upper
75 100
110 38.5 19.6 58.7
77 28.8 26.1 39.1





#37
Ethyl Acetate
Concen: 2.533 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

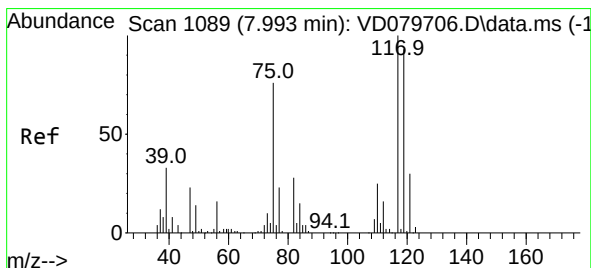
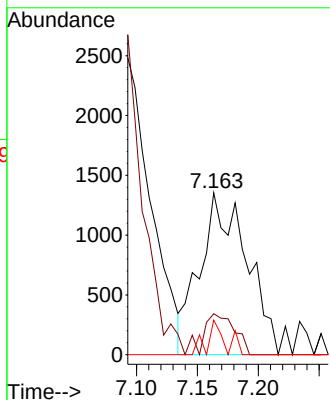
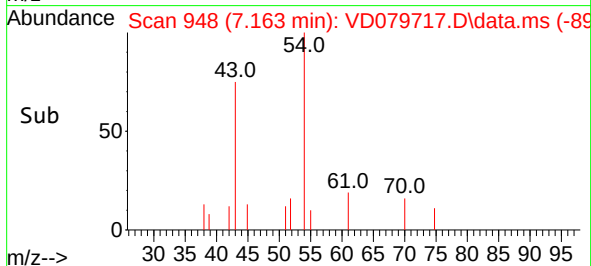
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 43 Resp: 3612
Ion Ratio Lower Upper
43 100
61 17.0 13.9 20.9
70 6.1 9.8 14.6

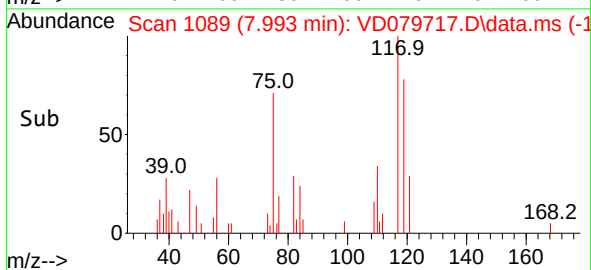
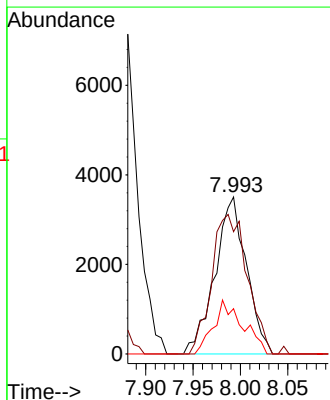
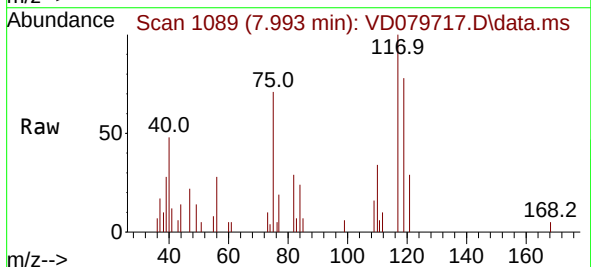
Manual Integrations
APPROVED

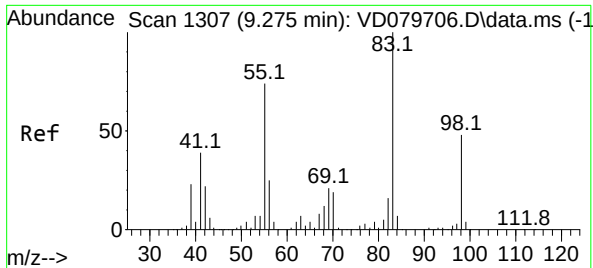
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#38
Carbon Tetrachloride
Concen: 2.542 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

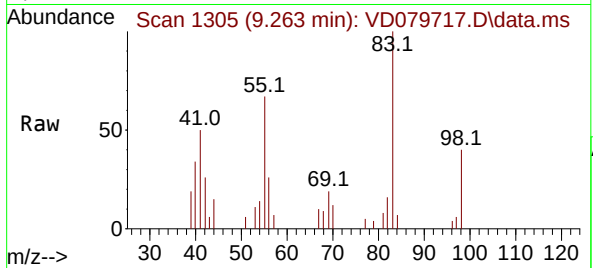
Tgt Ion:117 Resp: 8130
Ion Ratio Lower Upper
117 100
119 77.9 75.4 113.0
121 28.9 25.0 37.4





#39
Methylcyclohexane
Concen: 2.385 ug/l
RT: 9.263 min Scan# 11305
Delta R.T. -0.012 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

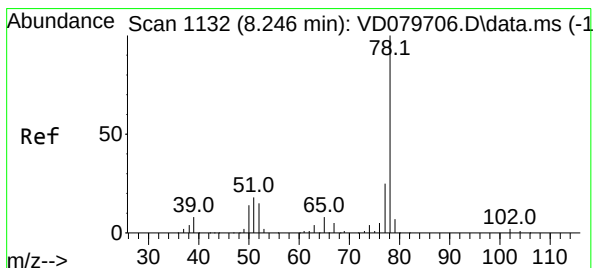
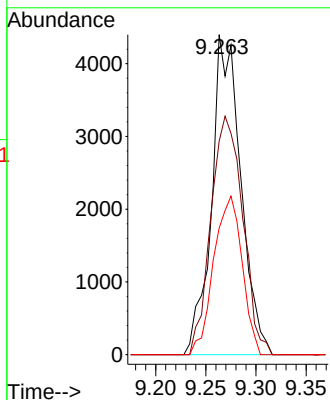
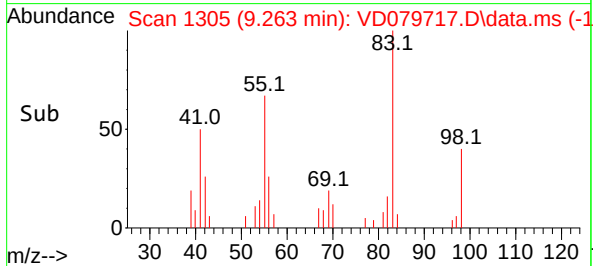
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 83 Resp: 888
Ion Ratio Lower Upper
83 100
55 66.7 50.1 75.1
98 39.5 41.9 62.9

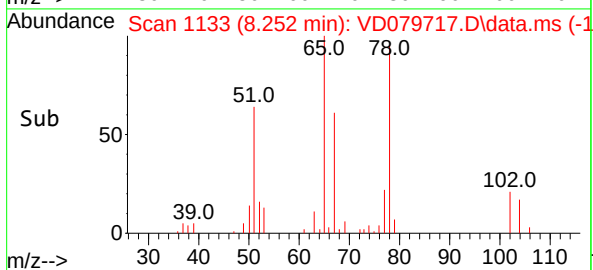
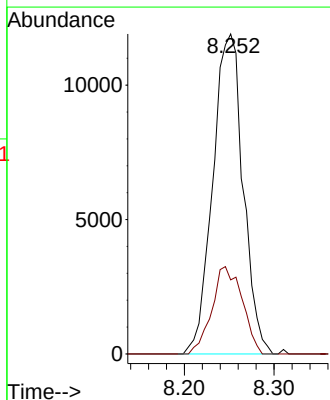
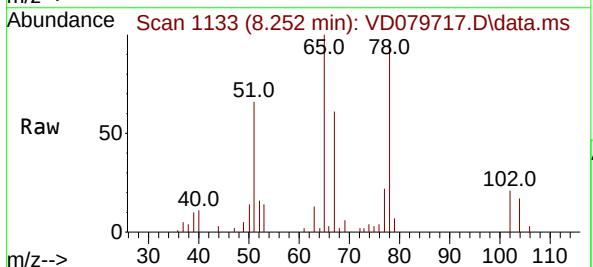
Manual Integrations
APPROVED

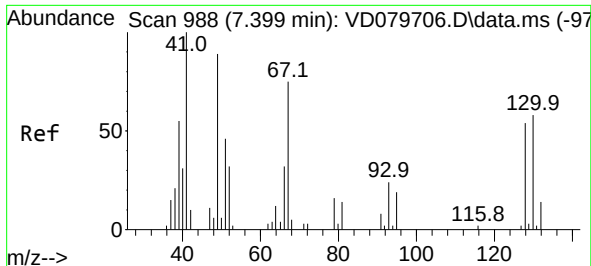
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#40
Benzene
Concen: 2.724 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

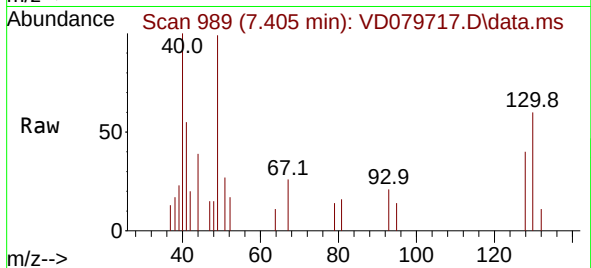
Tgt Ion: 78 Resp: 27909
Ion Ratio Lower Upper
78 100
77 23.2 18.1 27.1





#41
Methacrylonitrile
Concen: 2.321 ug/l m
RT: 7.405 min Scan# 989
Delta R.T. 0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

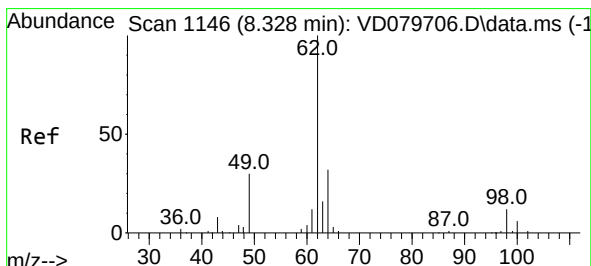
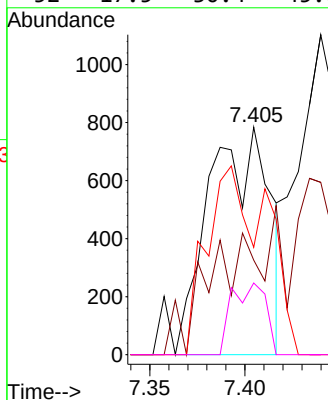
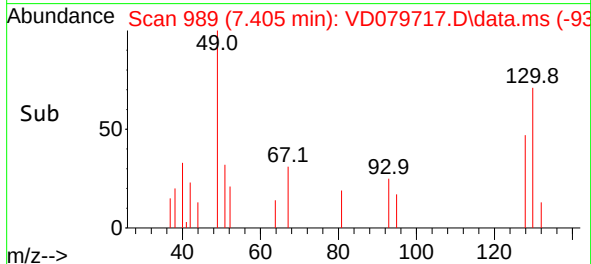
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 41 Resp: 174
Ion Ratio Lower Upper
41 100
39 26.7 41.4 62.0
67 57.4 85.8 128.6
52 17.5 30.4 45.6

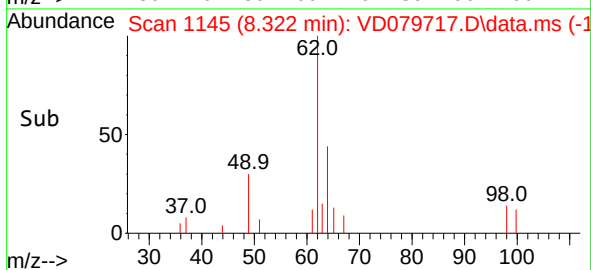
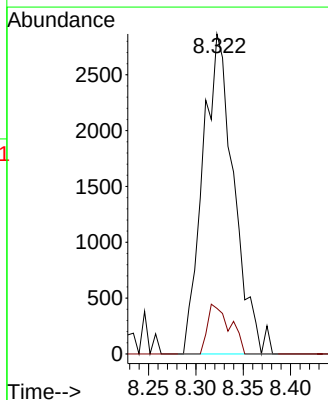
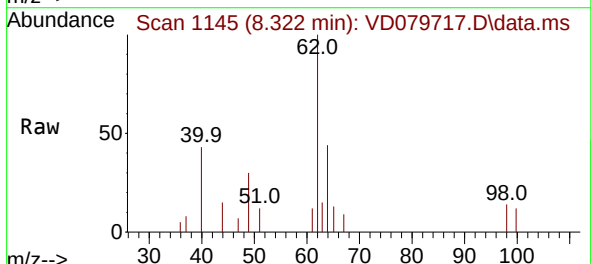
Manual Integrations
APPROVED

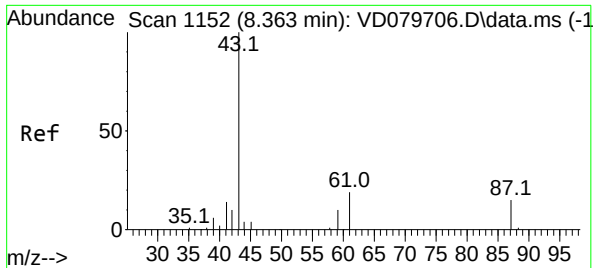
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#42
1,2-Dichloroethane
Concen: 2.770 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

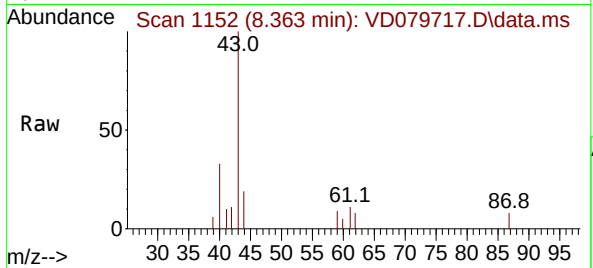
Tgt Ion: 62 Resp: 6561
Ion Ratio Lower Upper
62 100
98 11.2 0.0 25.8





#43
Isopropyl Acetate
Concen: 2.716 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

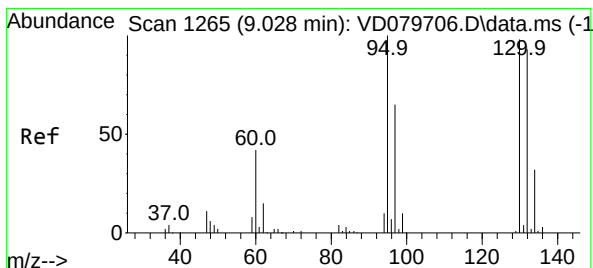
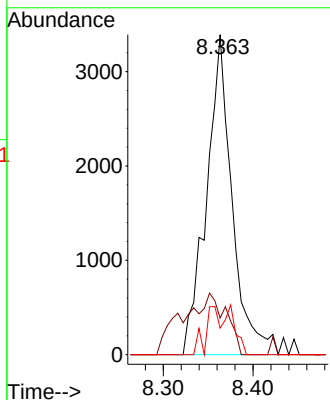
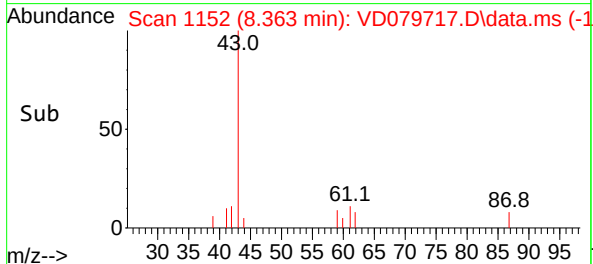
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 43 Resp: 6754
Ion Ratio Lower Upper
43 100
61 23.8 29.3 43.9
87 8.2 14.9 22.3

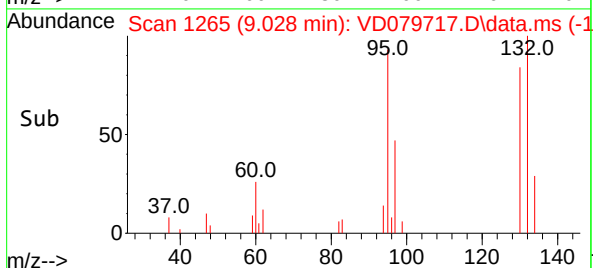
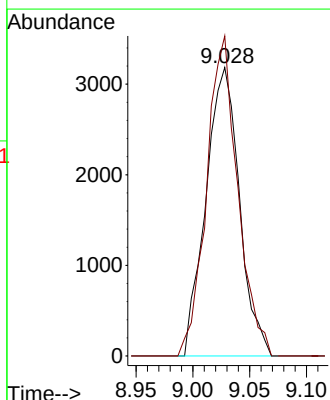
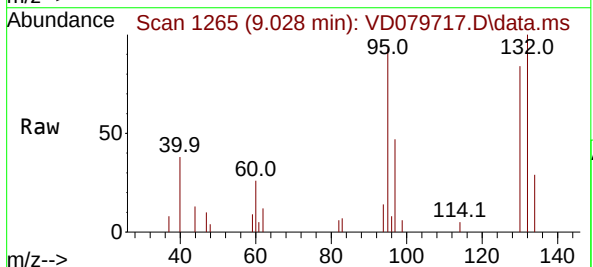
Manual Integrations
APPROVED

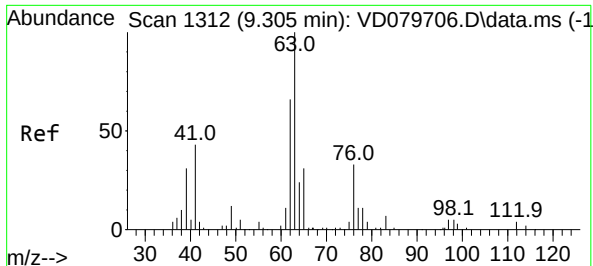
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#44
Trichloroethene
Concen: 2.908 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

Tgt Ion:130 Resp: 6544
Ion Ratio Lower Upper
130 100
95 110.9 0.0 177.8





#45

1,2-Dichloropropane

Concen: 2.766 ug/l

RT: 9.299 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VD079717.D

Acq: 13 Aug 2024 13:52

Instrument :

MSVOA_D

ClientSampleId :

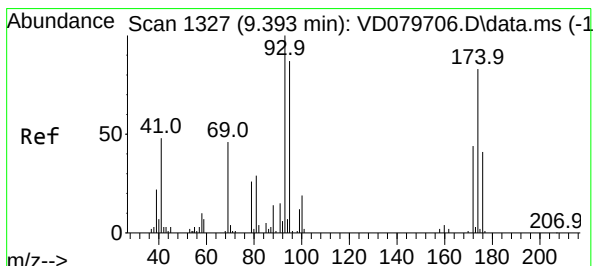
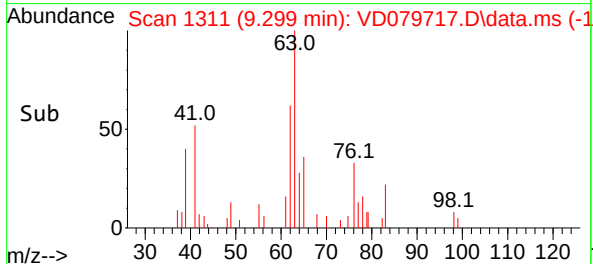
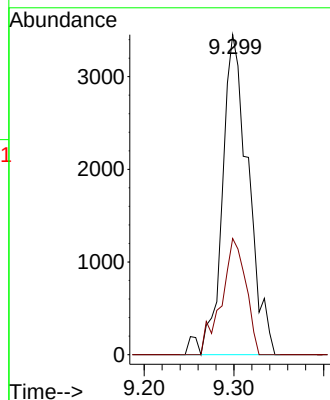
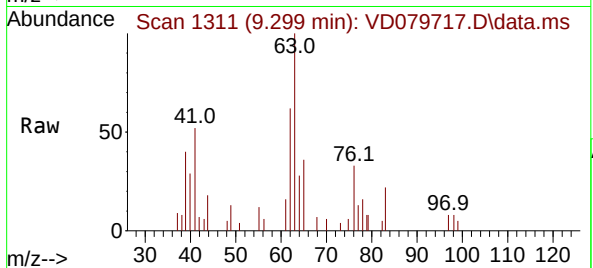
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 63 Resp: 697
 Ion Ratio Lower Upper
 63 100
 65 36.3 23.8 35.8

Manual Integrations

APPROVED

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



#46

Dibromomethane

Concen: 2.704 ug/l

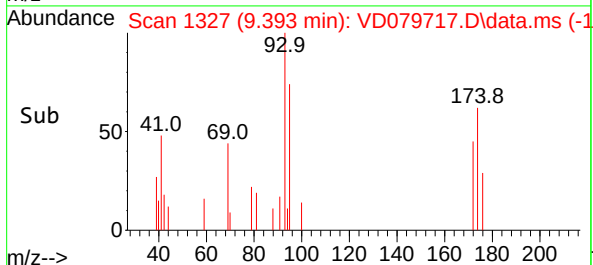
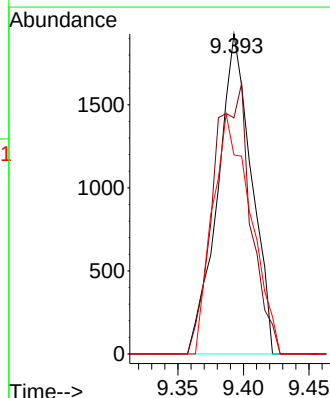
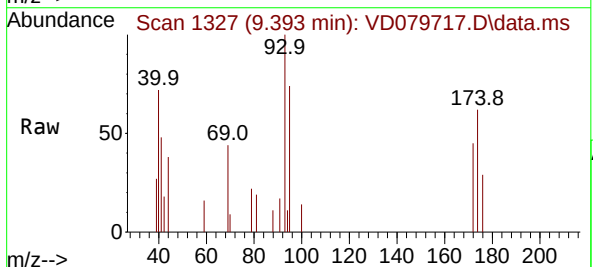
RT: 9.393 min Scan# 1327

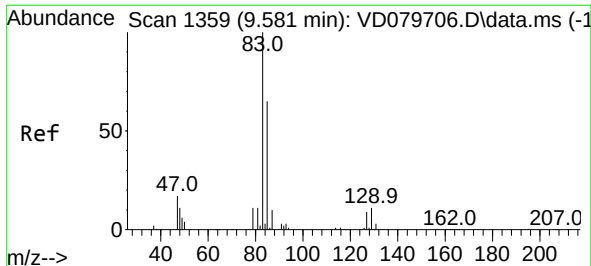
Delta R.T. -0.000 min

Lab File: VD079717.D

Acq: 13 Aug 2024 13:52

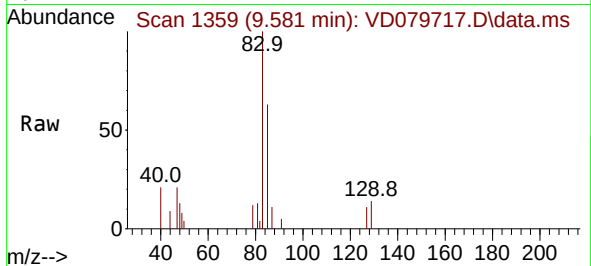
Tgt Ion: 93 Resp: 3453
 Ion Ratio Lower Upper
 93 100
 95 93.1 65.6 98.4
 174 84.7 82.3 123.5





#47
Bromodichloromethane
Concen: 2.803 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

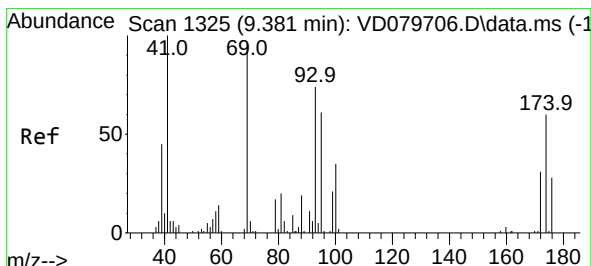
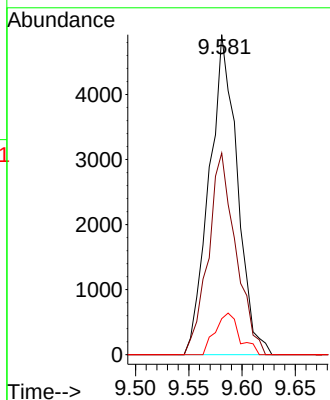
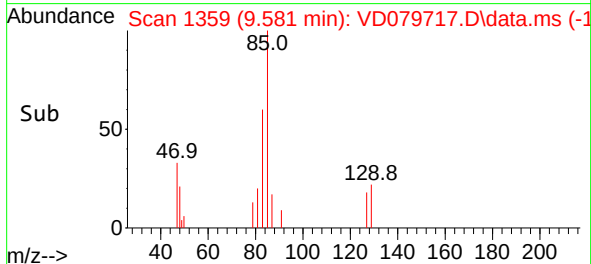
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 83 Resp: 902
Ion Ratio Lower Upper
83 100
85 63.0 50.1 75.1
127 11.2 6.8 10.2

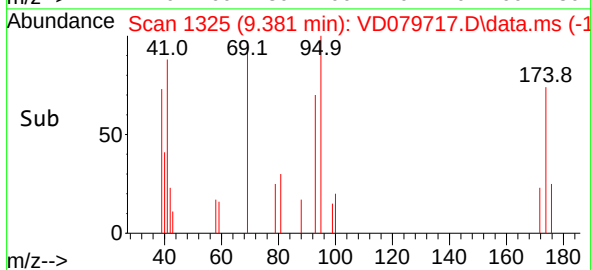
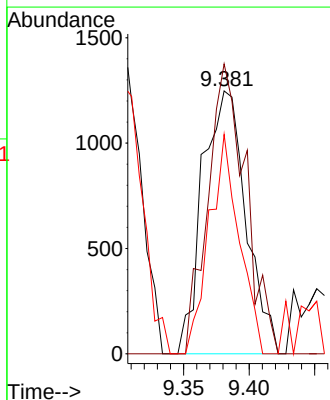
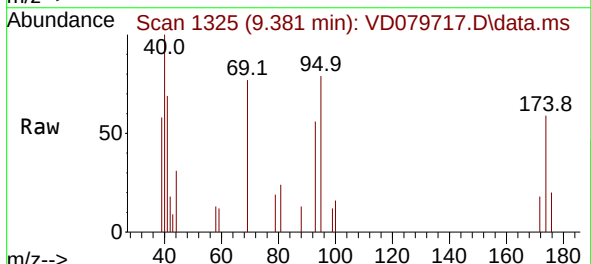
Manual Integrations
APPROVED

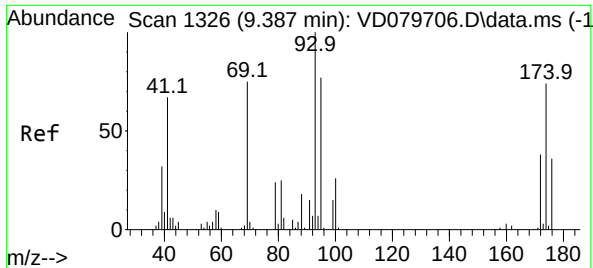
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#48
Methyl methacrylate
Concen: 2.513 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

Tgt Ion: 41 Resp: 2874
Ion Ratio Lower Upper
41 100
69 96.5 96.7 145.1#
39 57.6 43.8 65.6





#49

1,4-Dioxane

Concen: 50.191 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

Lab File: VD079717.D

Acq: 13 Aug 2024 13:52

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

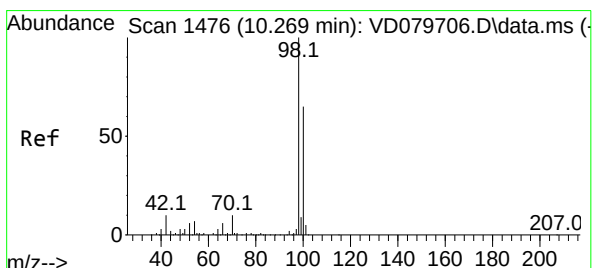
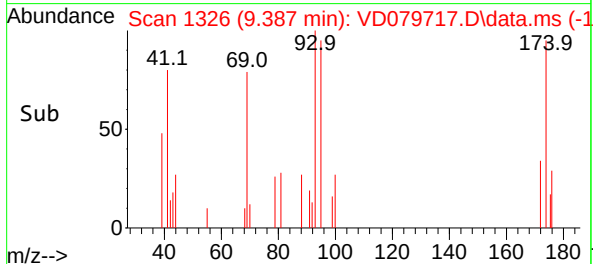
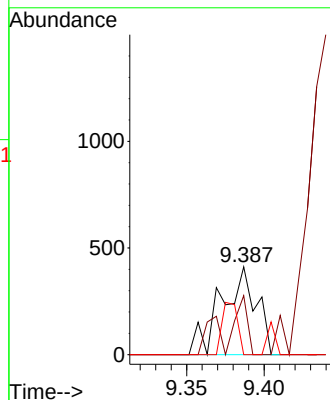
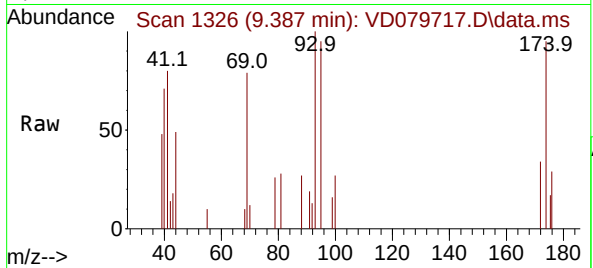
Tgt Ion: 88 Resp: 645

Ion	Ratio	Lower	Upper
88	100		
43	23.9	21.5	32.3
58	26.2	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: 50.709 ug/l

RT: 10.269 min Scan# 1476

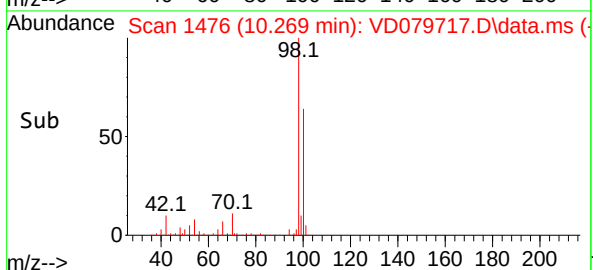
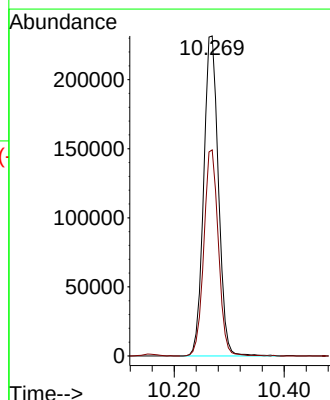
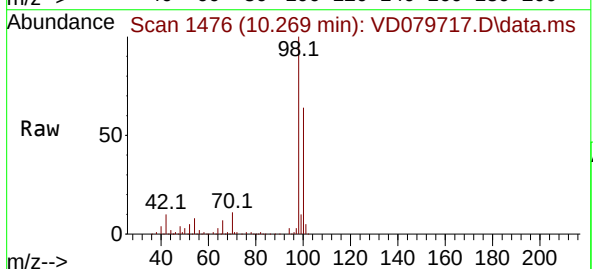
Delta R.T. -0.000 min

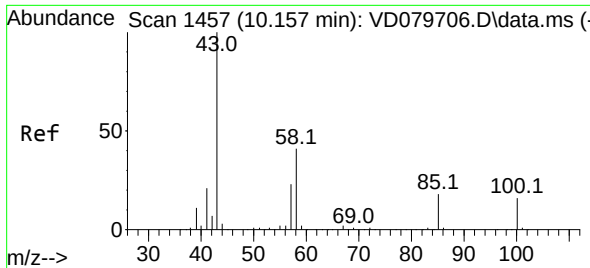
Lab File: VD079717.D

Acq: 13 Aug 2024 13:52

Tgt Ion: 98 Resp: 430757

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.6	77.4





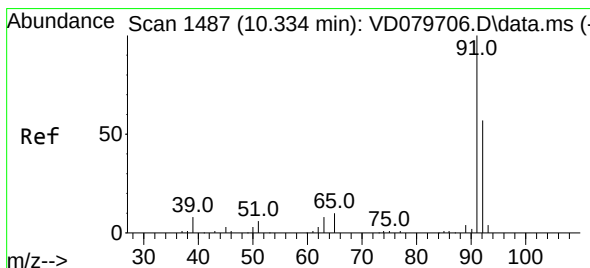
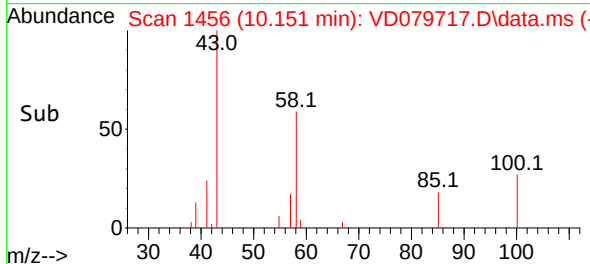
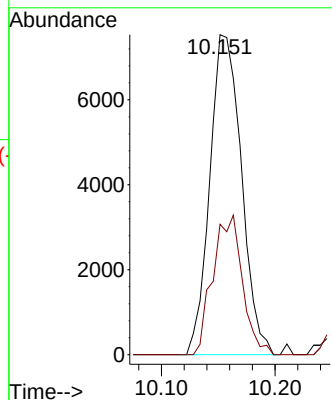
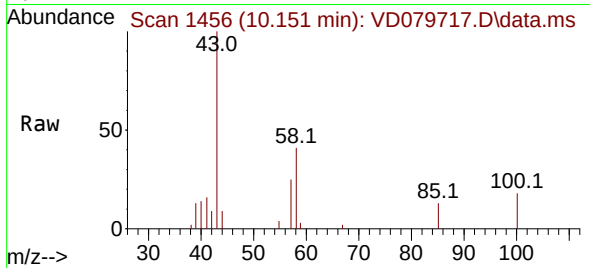
#51
4-Methyl-2-Pentanone
Concen: 11.399 ug/l
RT: 10.151 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

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

Tgt Ion: 43 Resp: 1458
Ion Ratio Lower Upper
43 100
58 40.7 36.6 55.0

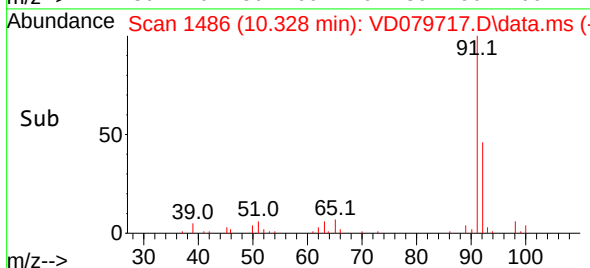
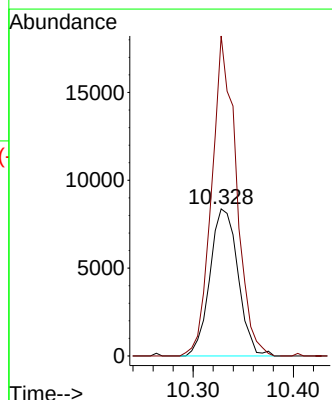
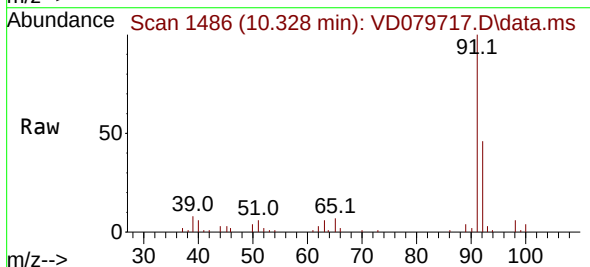
Manual Integrations
APPROVED

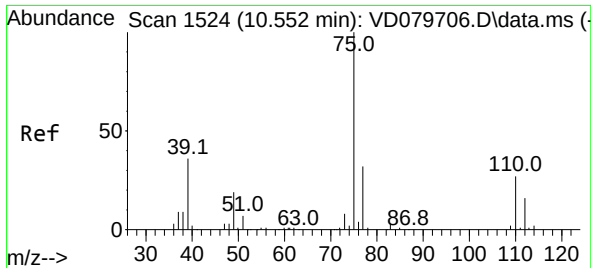
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#52
Toluene
Concen: 2.651 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

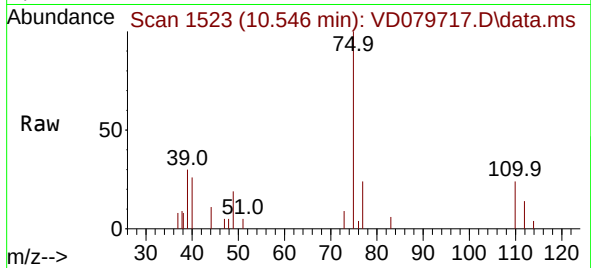
Tgt Ion: 92 Resp: 16289
Ion Ratio Lower Upper
92 100
91 190.0 141.7 212.5





#53
 t-1,3-Dichloropropene
 Concen: 2.641 ug/l
 RT: 10.546 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD079717.D
 Acq: 13 Aug 2024 13:52

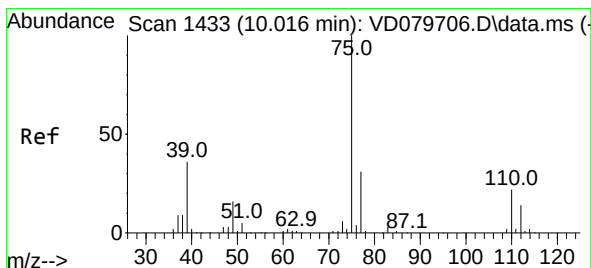
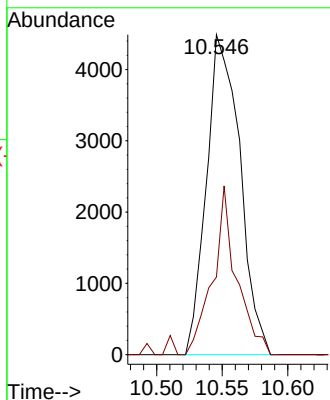
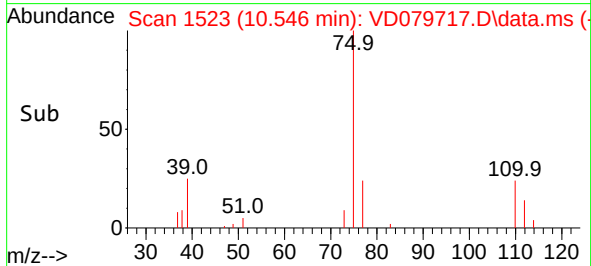
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 75 Resp: 7940
 Ion Ratio Lower Upper
 75 100
 77 24.3 25.0 37.6

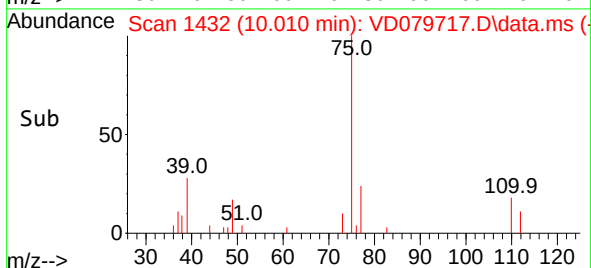
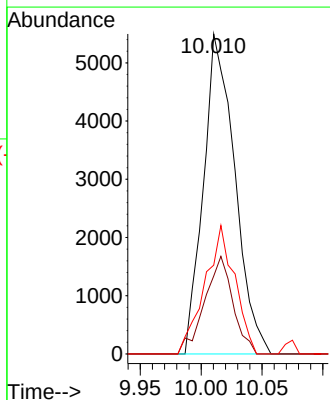
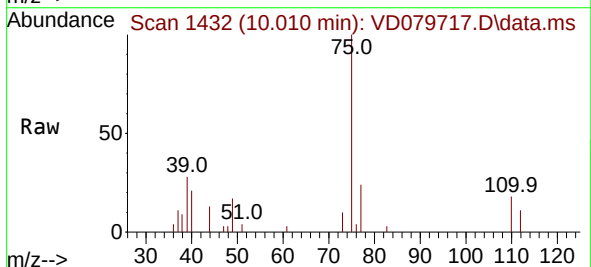
Manual Integrations
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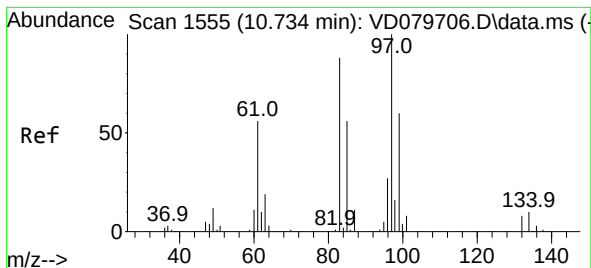
Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024



#54
 cis-1,3-Dichloropropene
 Concen: 2.668 ug/l
 RT: 10.010 min Scan# 1432
 Delta R.T. -0.006 min
 Lab File: VD079717.D
 Acq: 13 Aug 2024 13:52

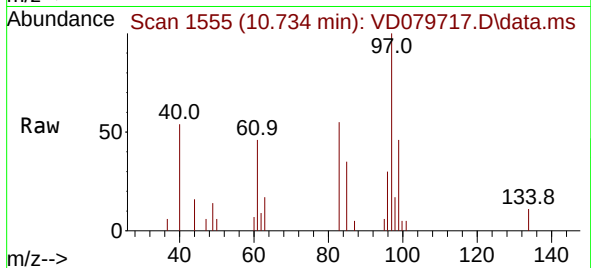
Tgt Ion: 75 Resp: 9853
 Ion Ratio Lower Upper
 75 100
 77 24.4 24.4 36.6#
 39 27.7 24.2 36.2





#55
1,1,2-Trichloroethane
Concen: 2.957 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

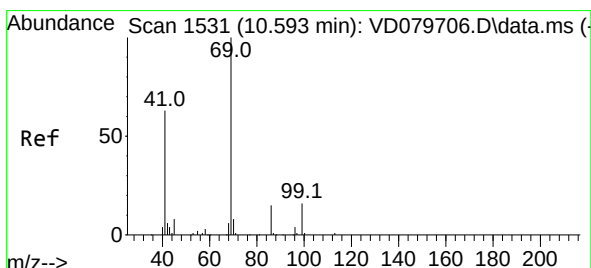
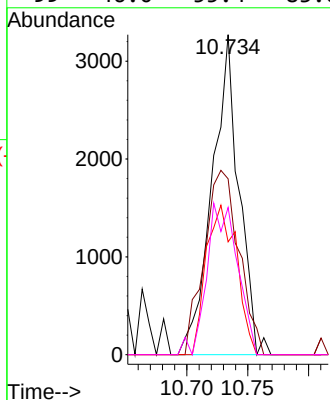
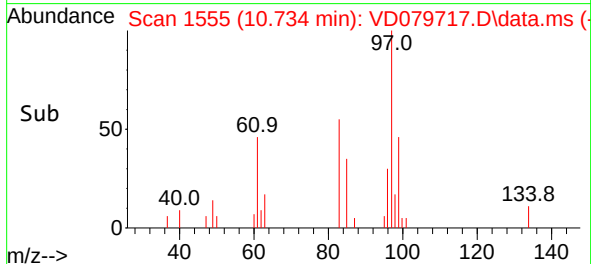
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



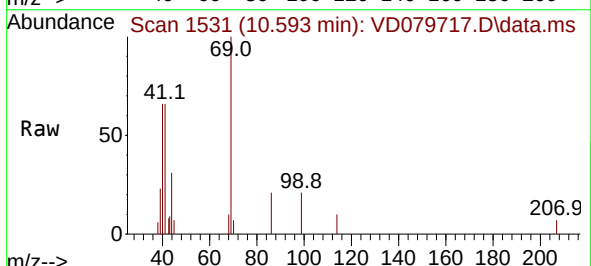
Tgt Ion:	97	Resp:	5035
Ion	Ratio	Lower	Upper
97	100		
83	55.0	65.8	98.8
85	35.2	43.8	65.8
99	46.0	55.4	83.0

Manual Integrations
APPROVED

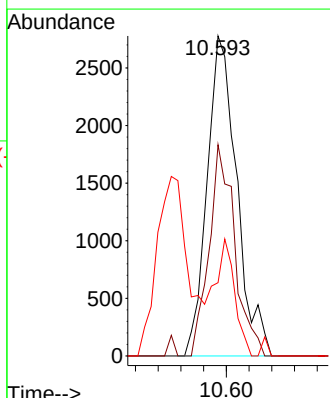
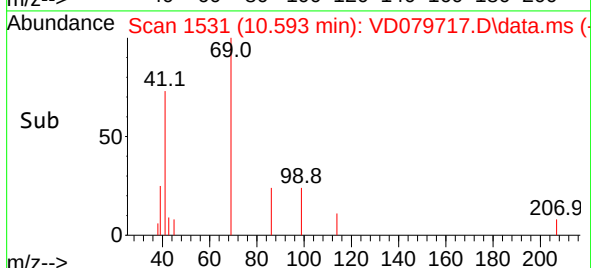
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

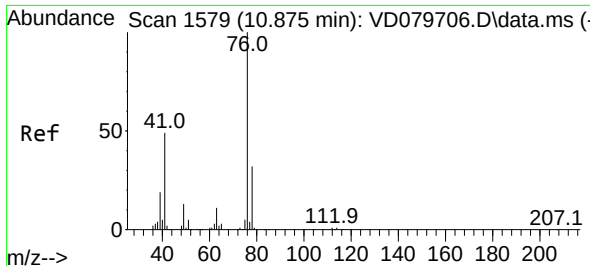


#56
Ethyl methacrylate
Concen: 2.424 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52



Tgt Ion:	69	Resp:	5035
Ion	Ratio	Lower	Upper
69	100		
41	57.1	39.8	59.6
39	24.8	20.2	30.4





#57

1,3-Dichloropropane

Concen: 2.670 ug/l

RT: 10.881 min Scan# 1579

Delta R.T. 0.006 min

Lab File: VD079717.D

Acq: 13 Aug 2024 13:52

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 76 Resp: 7830

Ion Ratio Lower Upper

76 100

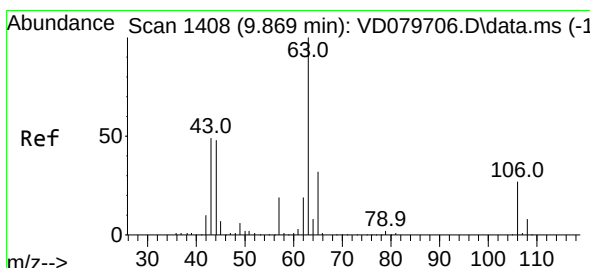
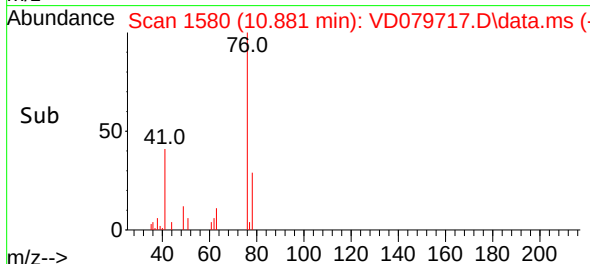
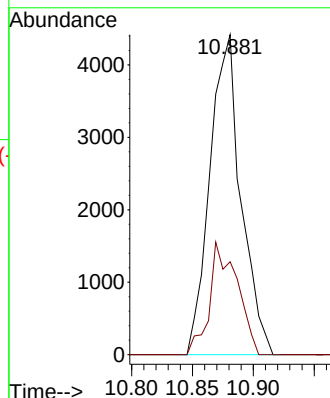
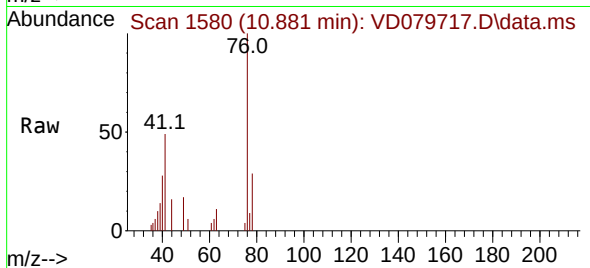
78 31.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024

Supervised By :Mahesh Dadoda 08/14/2024



#58

2-Chloroethyl Vinyl ether

Concen: 11.829 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079717.D

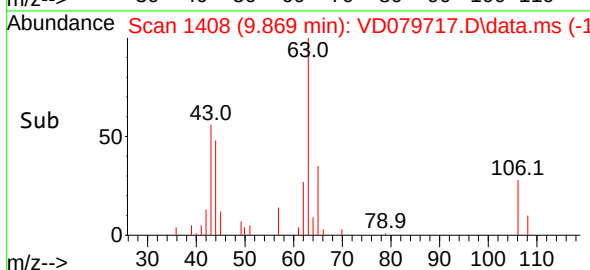
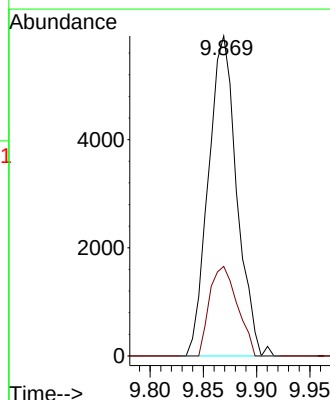
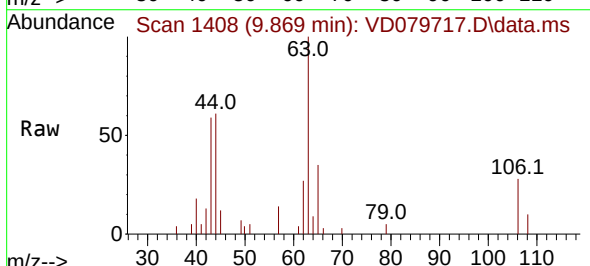
Acq: 13 Aug 2024 13:52

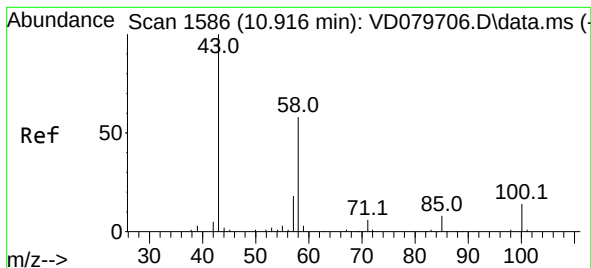
Tgt Ion: 63 Resp: 10980

Ion Ratio Lower Upper

63 100

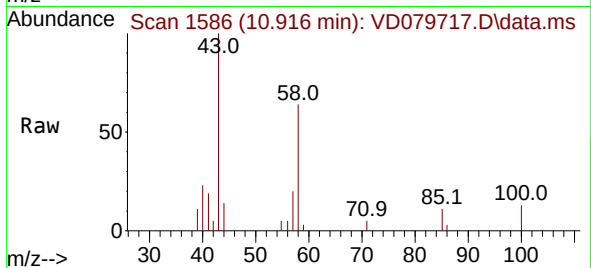
106 27.4 26.4 39.6





#59
2-Hexanone
Concen: 10.864 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

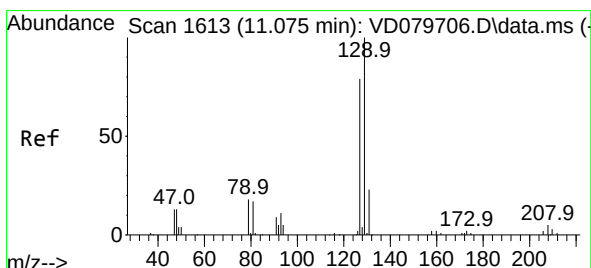
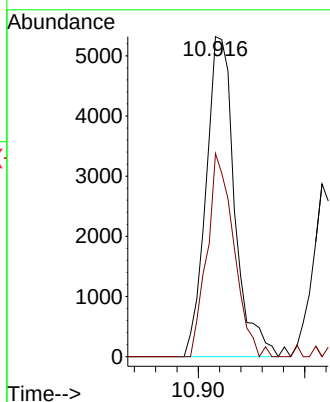
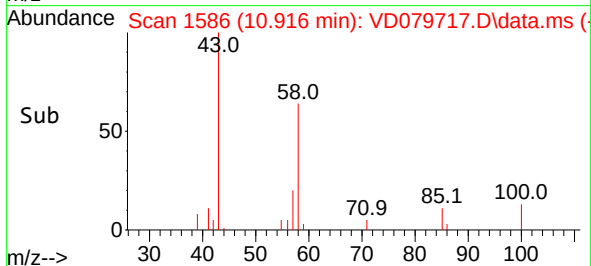
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 43 Resp: 994
Ion Ratio Lower Upper
43 100
58 59.3 31.1 93.5

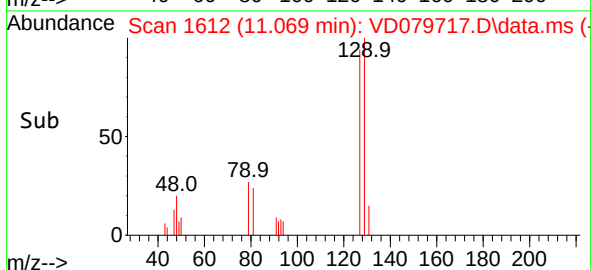
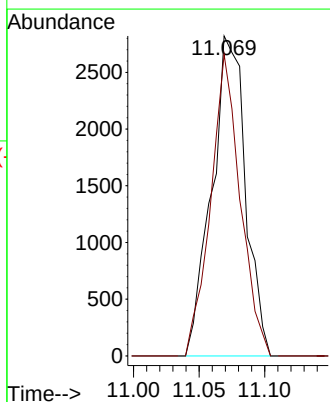
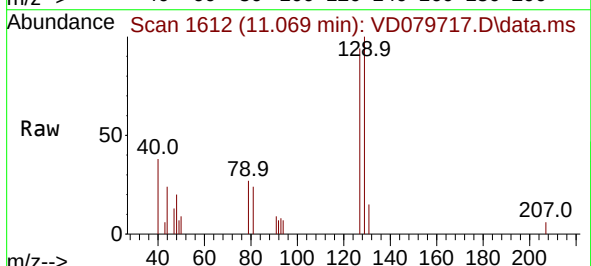
Manual Integrations
APPROVED

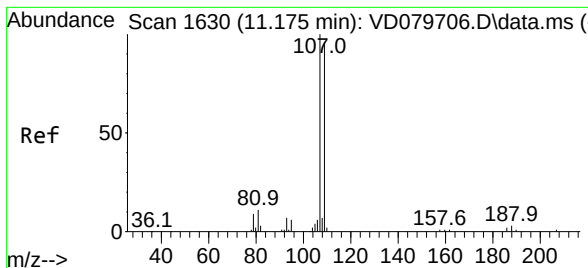
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#60
Dibromochloromethane
Concen: 2.410 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

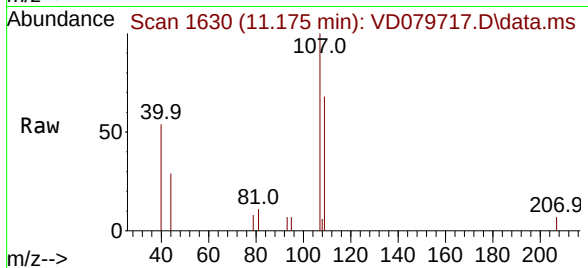
Tgt Ion:129 Resp: 5055
Ion Ratio Lower Upper
129 100
127 82.7 38.0 113.9





#61
1,2-Dibromoethane
Concen: 2.686 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

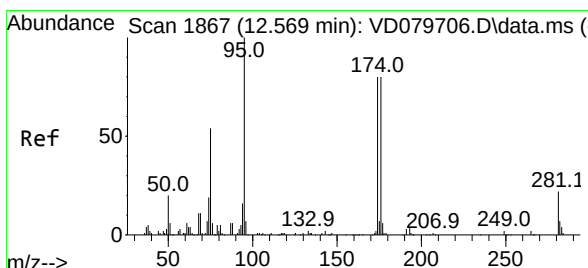
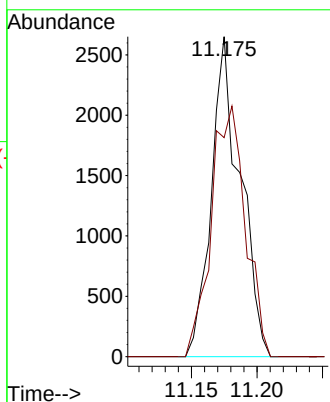
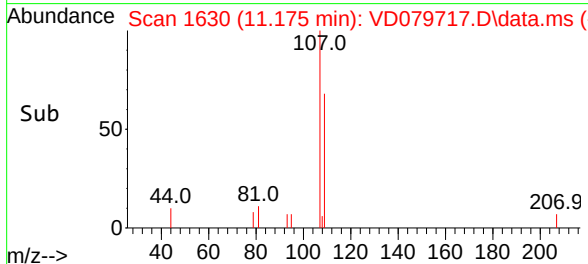
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



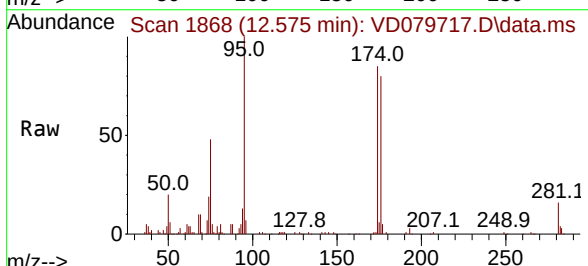
Tgt Ion:107 Resp: 4060
Ion Ratio Lower Upper
107 100
109 92.6 72.0 108.0

Manual Integrations
APPROVED

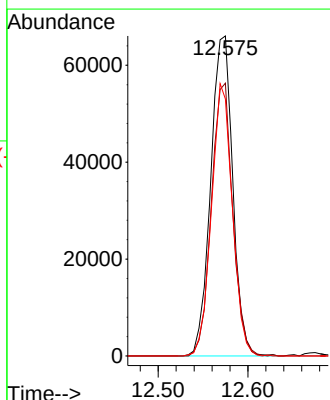
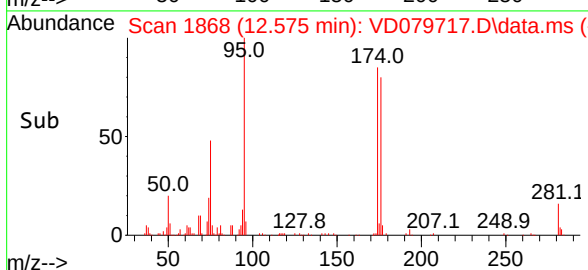
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

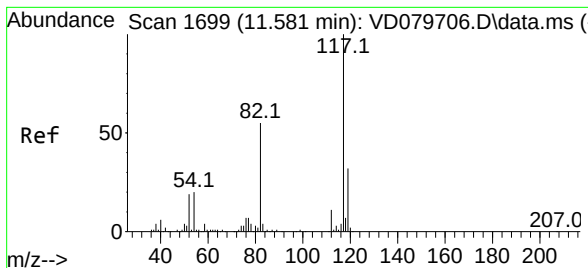


#62
4-Bromofluorobenzene
Concen: 47.377 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52



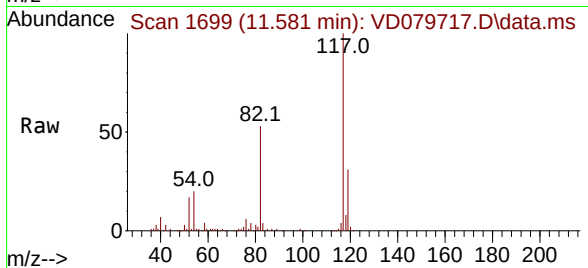
Tgt Ion: 95 Resp: 112686
Ion Ratio Lower Upper
95 100
174 82.7 0.0 195.4
176 80.6 0.0 192.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

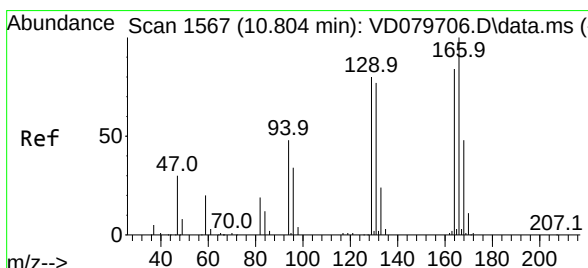
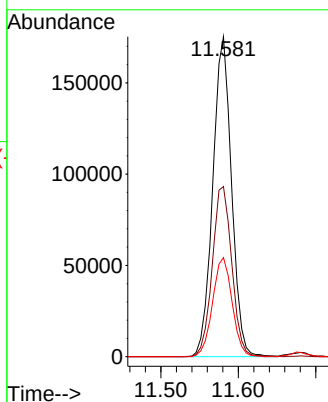
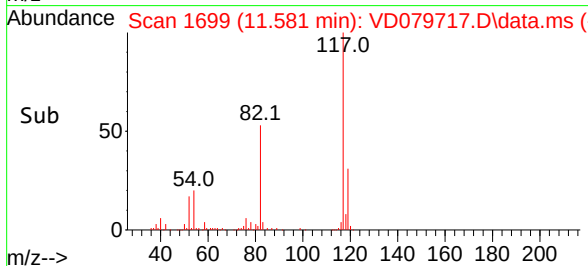
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:117 Resp: 29517
Ion Ratio Lower Upper
117 100
82 53.2 39.8 59.6
119 30.9 25.7 38.5

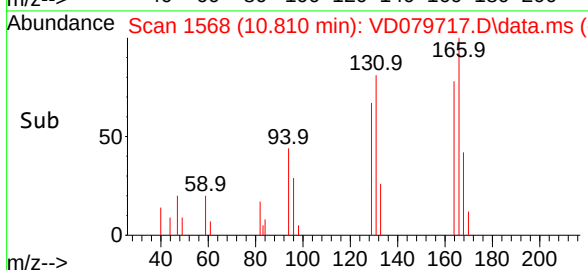
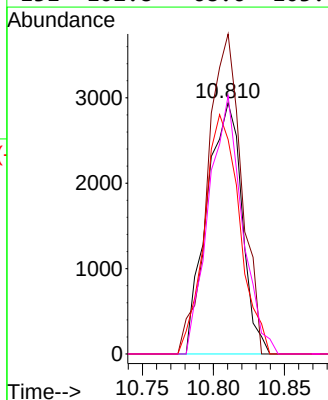
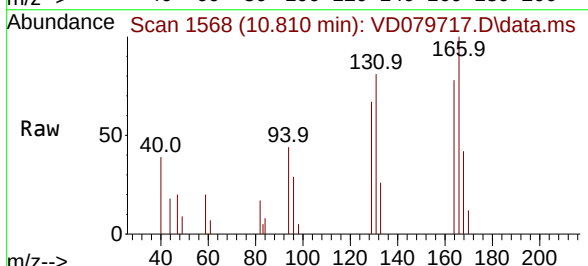
Manual Integrations
APPROVED

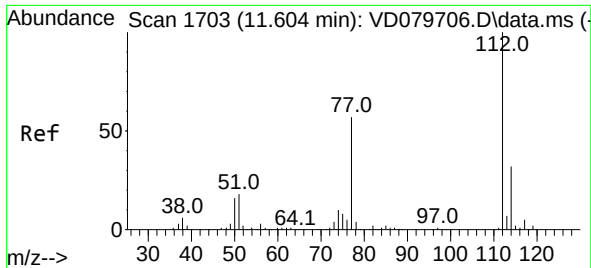
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#64
Tetrachloroethene
Concen: 2.802 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

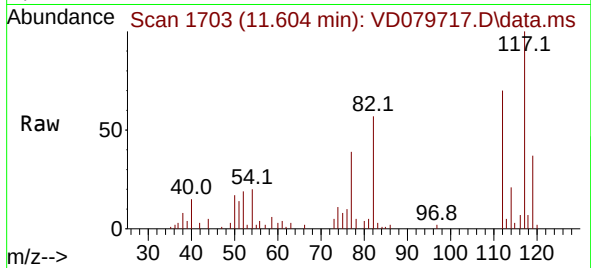
Tgt Ion:164 Resp: 5054
Ion Ratio Lower Upper
164 100
166 127.4 108.6 163.0
129 85.4 74.6 112.0
131 102.8 68.6 103.0





#65
Chlorobenzene
Concen: 2.765 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

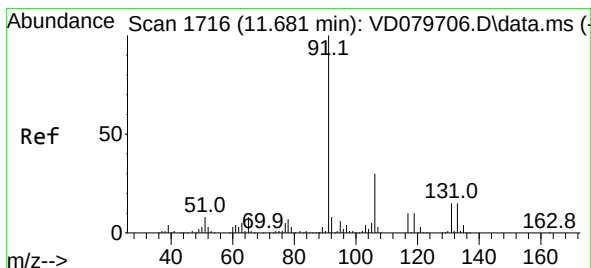
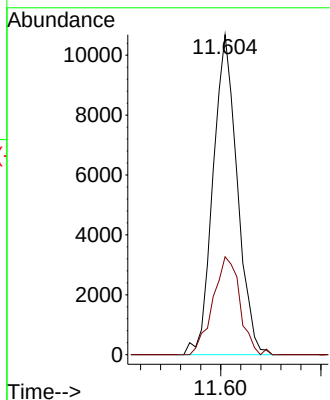
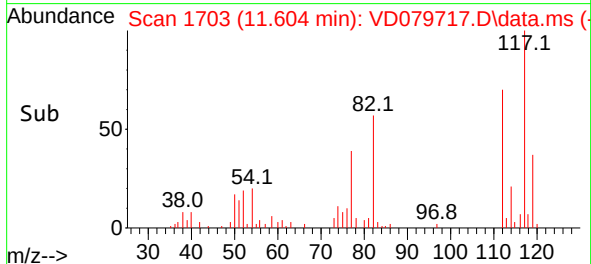
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



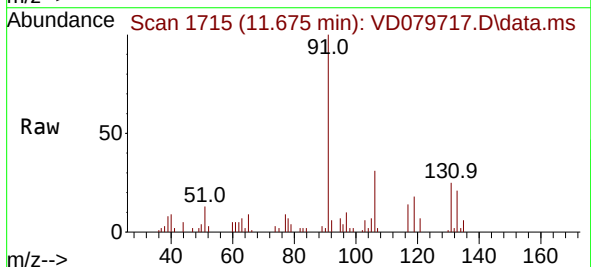
Tgt Ion:112 Resp: 17924
Ion Ratio Lower Upper
112 100
114 30.6 26.0 39.0

Manual Integrations
APPROVED

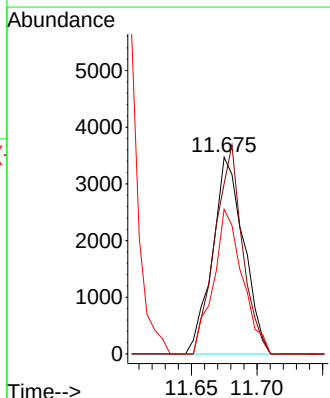
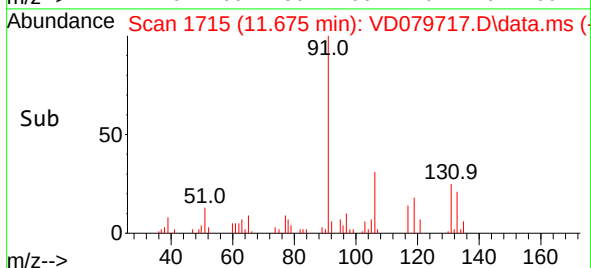
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

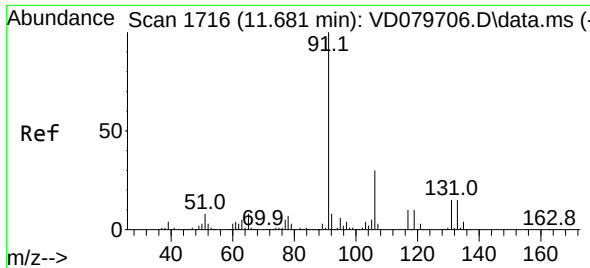


#66
1,1,1,2-Tetrachloroethane
Concen: 2.727 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52



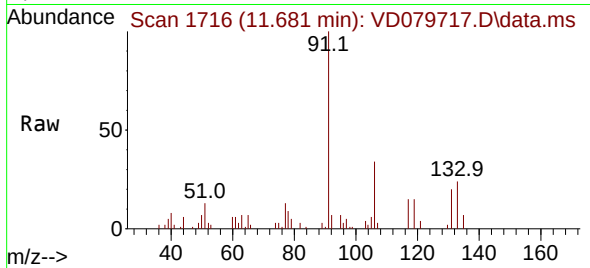
Tgt Ion:131 Resp: 5763
Ion Ratio Lower Upper
131 100
133 93.0 49.2 147.6
119 68.3 33.4 100.2





#67
Ethyl Benzene
Concen: 2.467 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

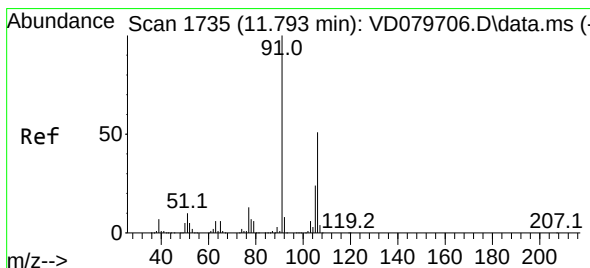
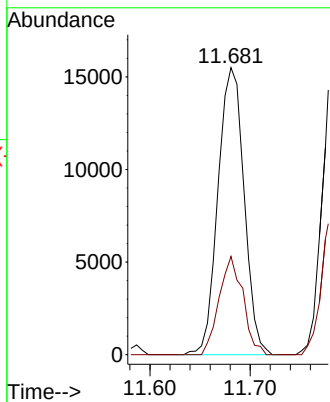
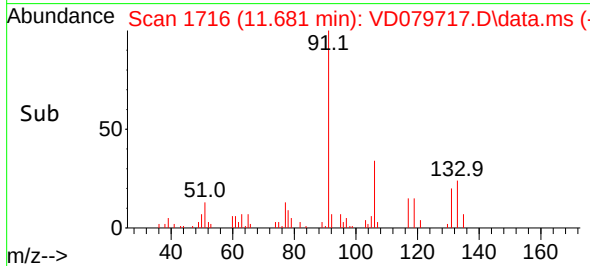
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



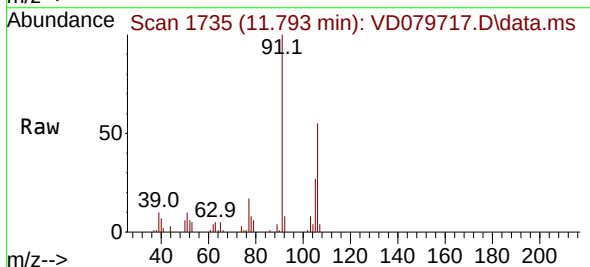
Tgt Ion: 91 Resp: 2805
Ion Ratio Lower Upper
91 100
106 34.2 25.8 38.6

Manual Integrations
APPROVED

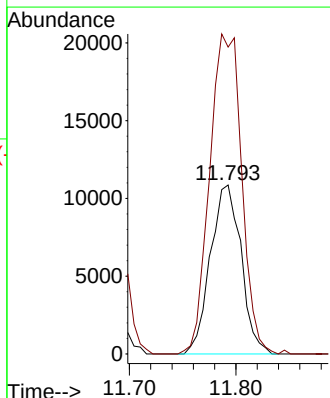
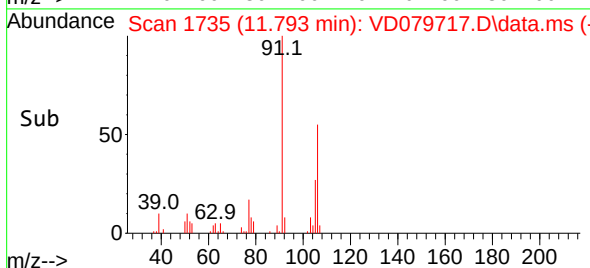
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

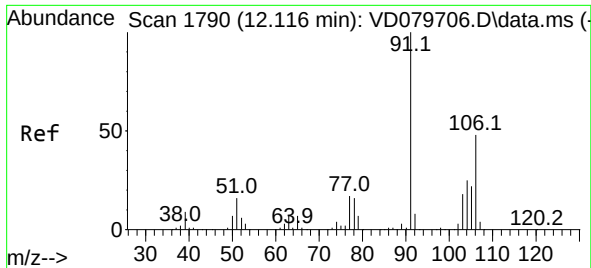


#68
m/p-Xylenes
Concen: 4.917 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52



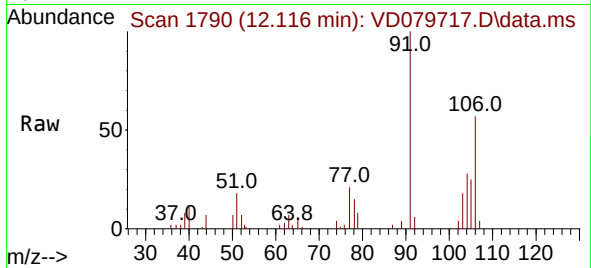
Tgt Ion:106 Resp: 21743
Ion Ratio Lower Upper
106 100
91 197.7 148.5 222.7





#69
o-Xylene
Concen: 2.576 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

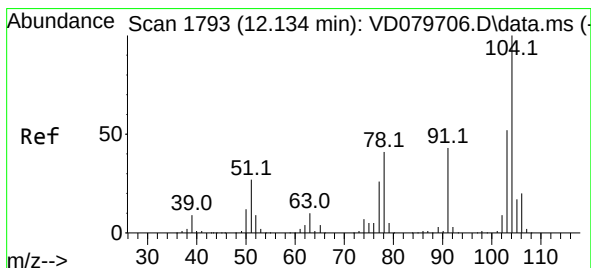
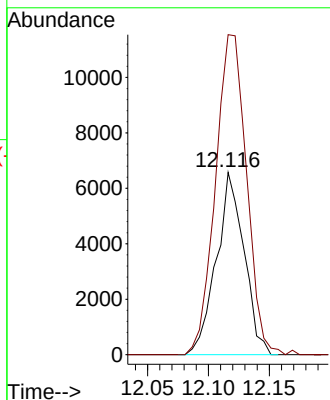
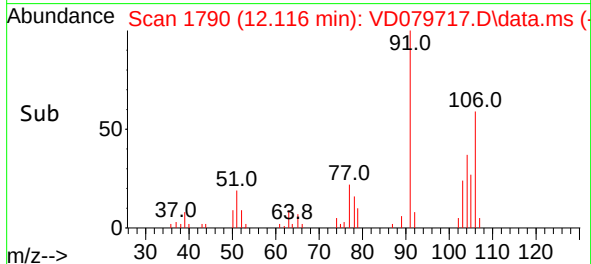
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:106 Resp: 10414
Ion Ratio Lower Upper
106 100
91 197.5 96.7 290.1

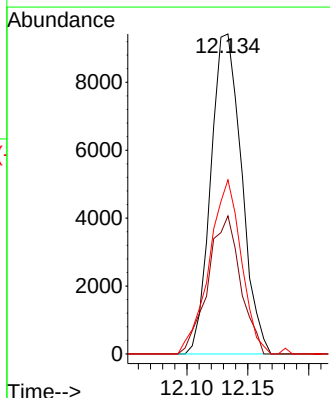
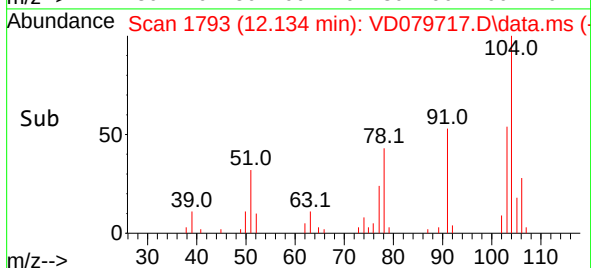
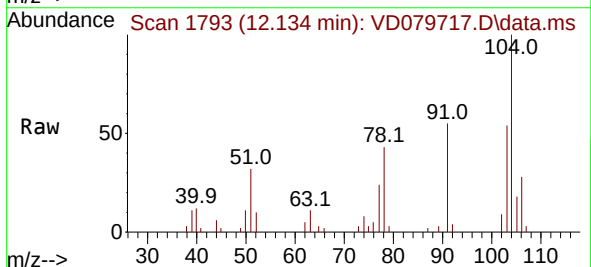
Manual Integrations
APPROVED

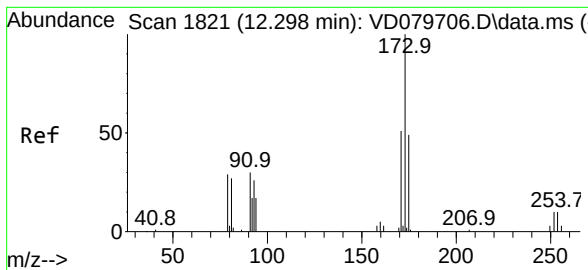
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#70
Styrene
Concen: 2.336 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

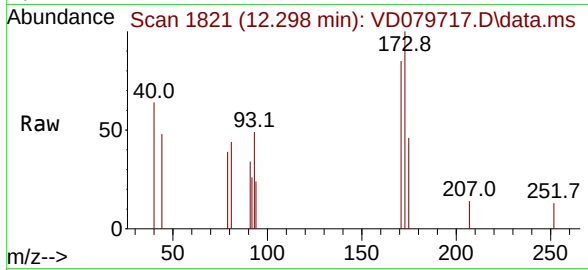
Tgt Ion:104 Resp: 16567
Ion Ratio Lower Upper
104 100
78 45.5 33.0 49.6
103 56.7 44.2 66.4





#71
Bromoform
Concen: 2.529 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

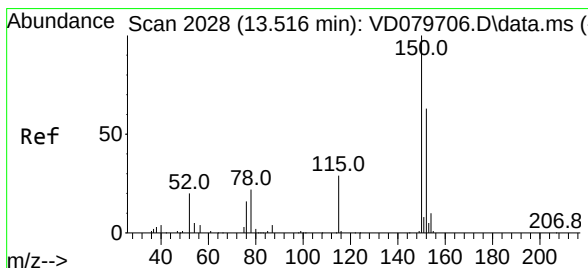
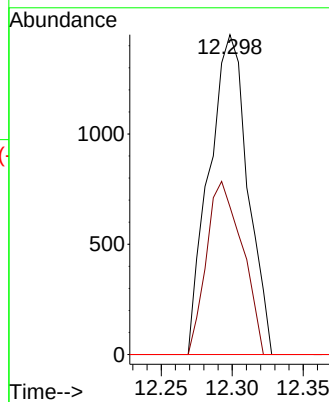
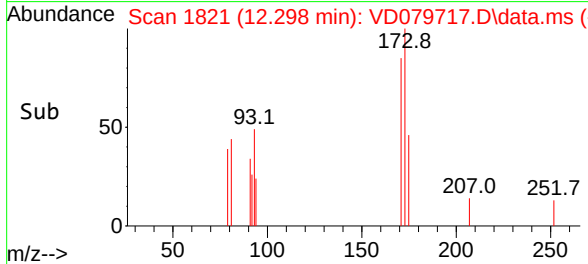
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



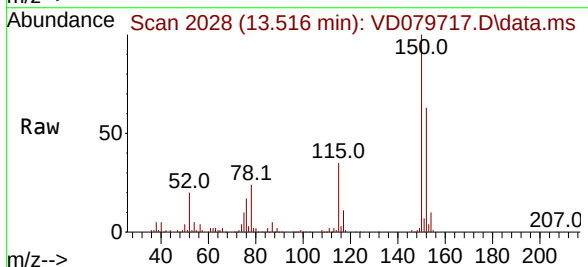
Tgt Ion:173 Resp: 274
Ion Ratio Lower Upper
173 100
175 50.3 23.7 71.1
254 0.0 0.0 0.0

Manual Integrations
APPROVED

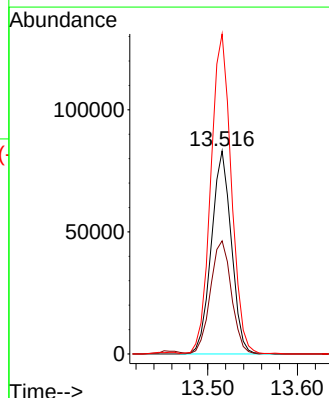
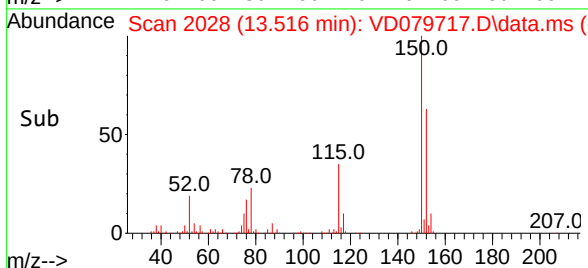
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

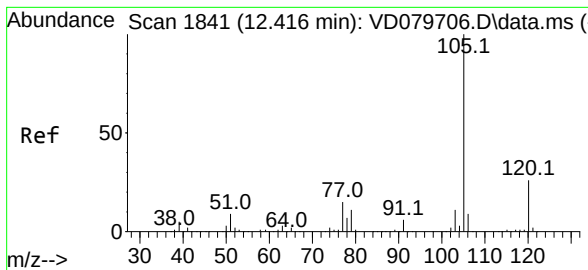


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52



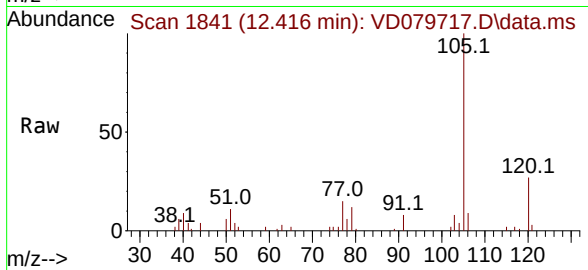
Tgt Ion:152 Resp: 128335
Ion Ratio Lower Upper
152 100
115 58.7 26.5 79.5
150 162.2 0.0 341.6





#73
Isopropylbenzene
Concen: 2.709 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

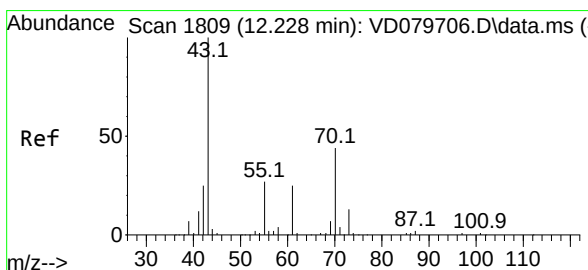
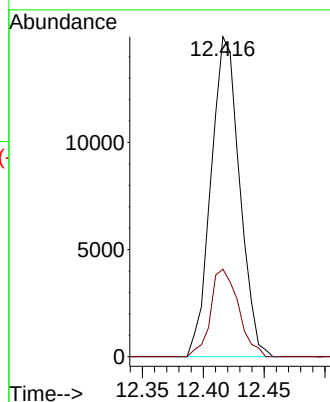
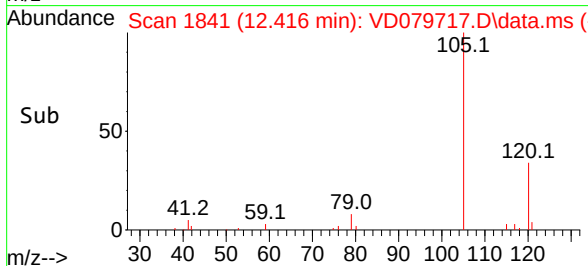
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



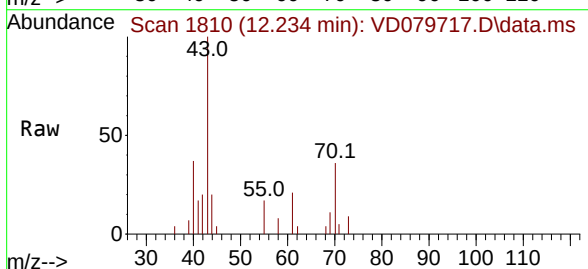
Tgt Ion:105 Resp: 2440
Ion Ratio Lower Upper
105 100
120 26.7 13.6 40.7

Manual Integrations
APPROVED

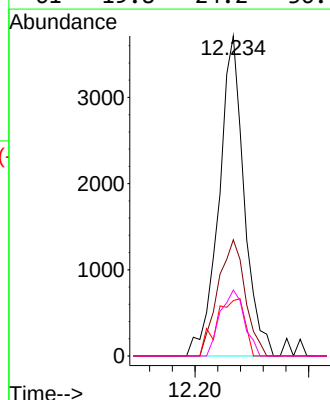
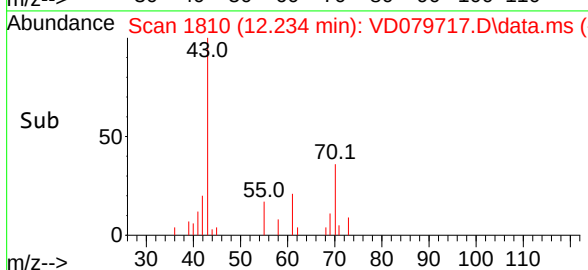
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

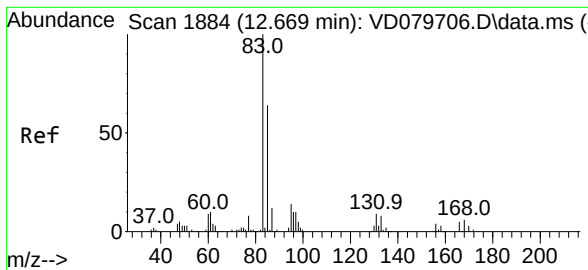


#74
N-ethyl acetate
Concen: 2.841 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52



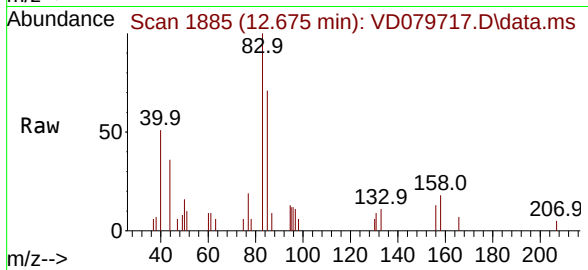
Tgt Ion: 43 Resp: 5703
Ion Ratio Lower Upper
43 100
70 39.2 44.3 66.5#
55 20.3 23.2 34.8#
61 19.8 24.2 36.4#





#75
1,1,2,2-Tetrachloroethane
Concen: 2.586 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

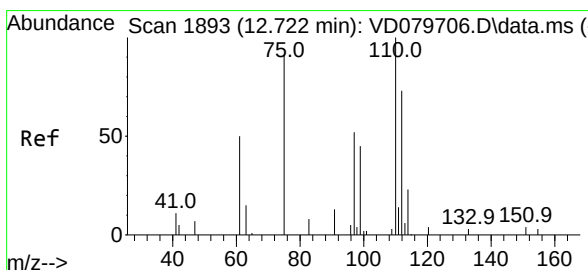
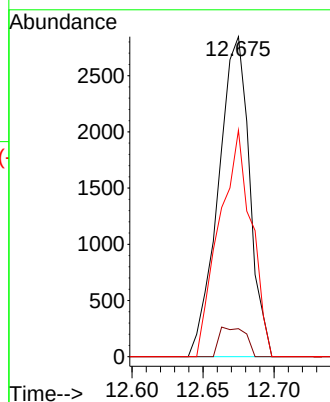
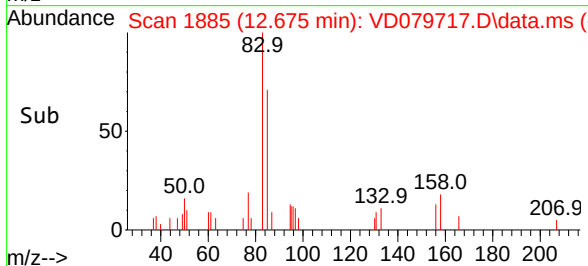
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 83 Resp: 435
Ion Ratio Lower Upper
83 100
131 7.8 5.5 16.5
85 73.2 33.8 101.3

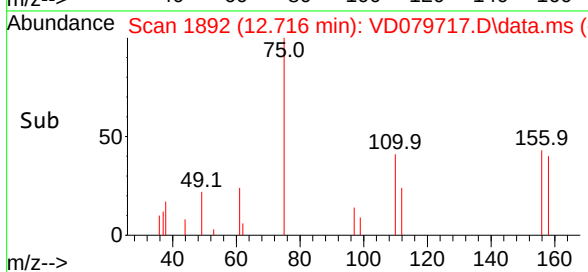
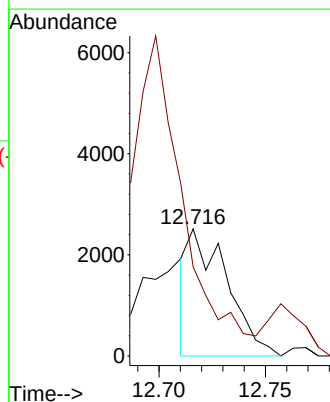
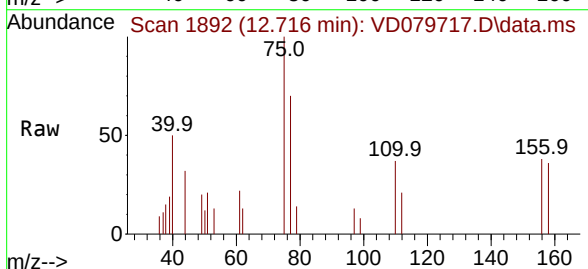
Manual Integrations
APPROVED

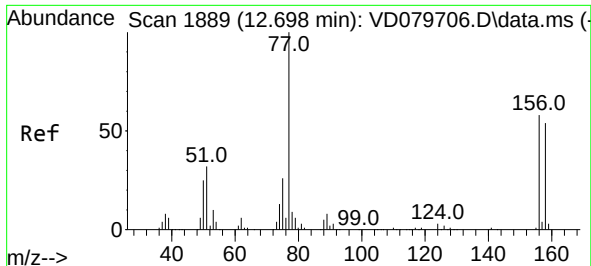
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#76
1,2,3-Trichloropropane
Concen: 3.037 ug/l m
RT: 12.716 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

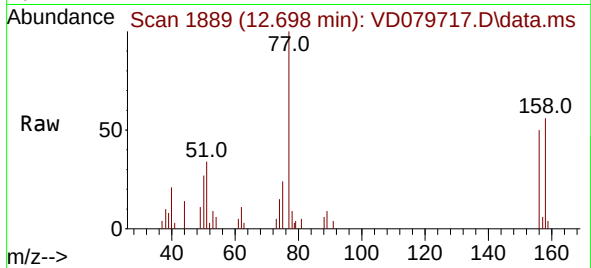
Tgt Ion: 75 Resp: 3177
Ion Ratio Lower Upper
75 100
77 346.2 0.0 0.0#





#77
Bromobenzene
Concen: 2.846 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

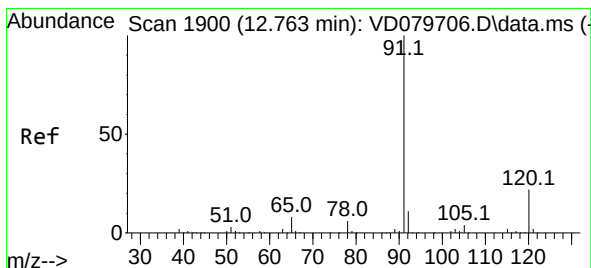
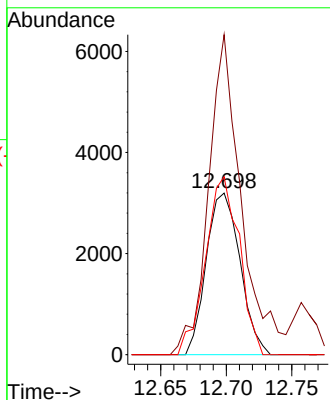
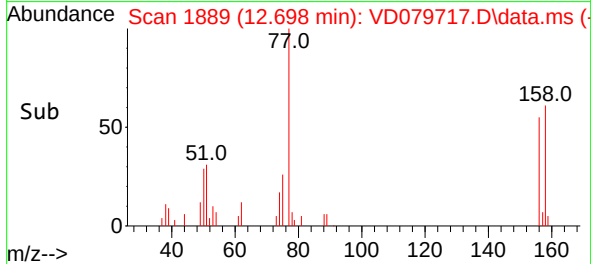
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



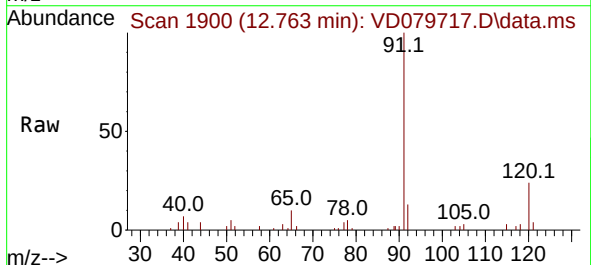
Tgt Ion: 156 Resp: 5734
Ion Ratio Lower Upper
156 100
77 191.8 77.3 231.9
158 109.8 49.6 149.0

Manual Integrations
APPROVED

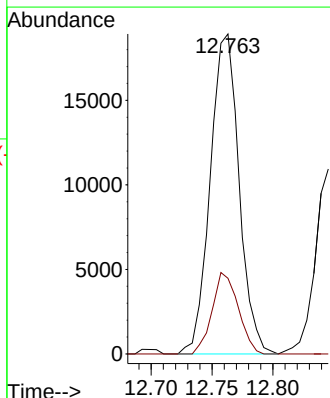
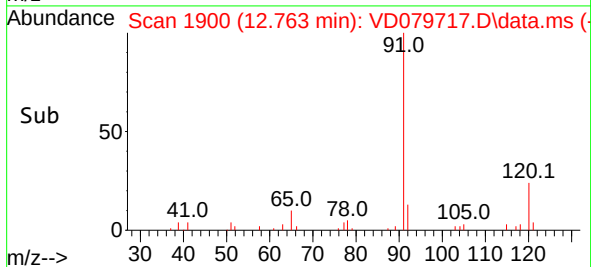
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

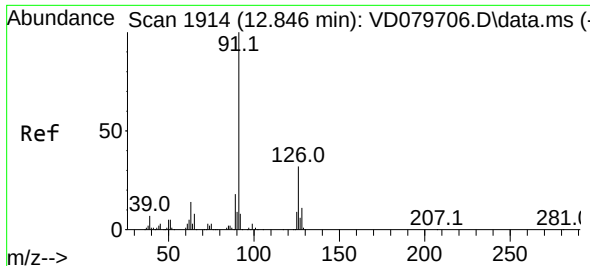


#78
n-propylbenzene
Concen: 2.799 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52



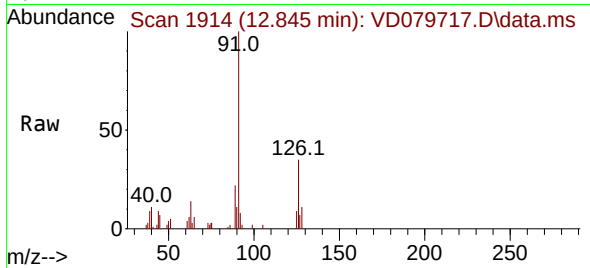
Tgt Ion: 91 Resp: 31205
Ion Ratio Lower Upper
91 100
120 23.0 12.3 36.8





#79
2-Chlorotoluene
Concen: 2.807 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

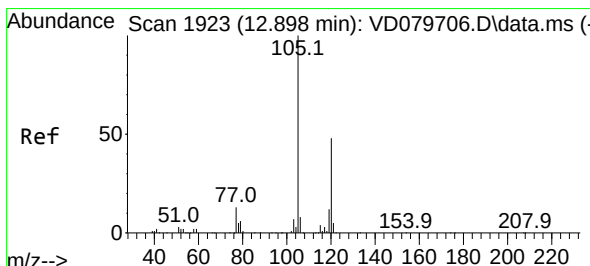
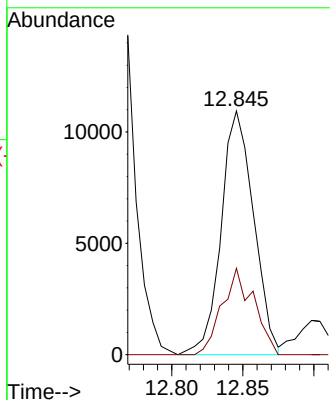
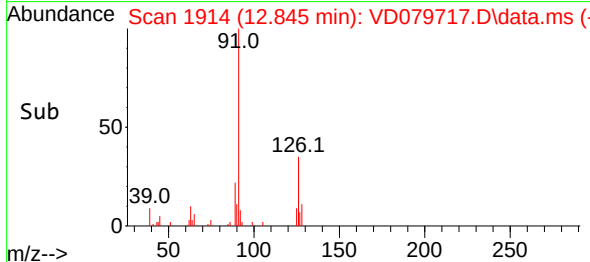
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



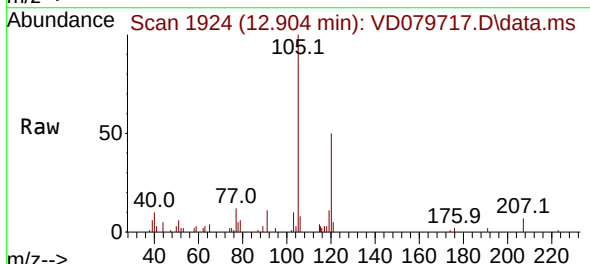
Tgt Ion: 91 Resp: 17428
Ion Ratio Lower Upper
91 100
126 34.5 19.3 57.8

Manual Integrations
APPROVED

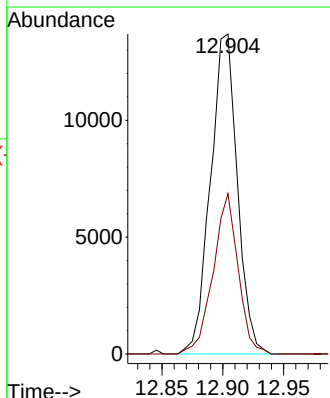
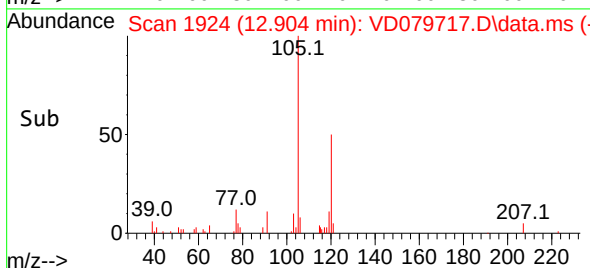
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

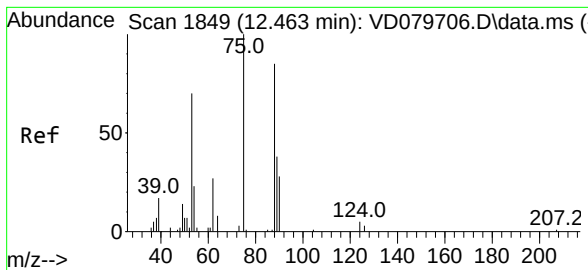


#80
1,3,5-Trimethylbenzene
Concen: 2.821 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52



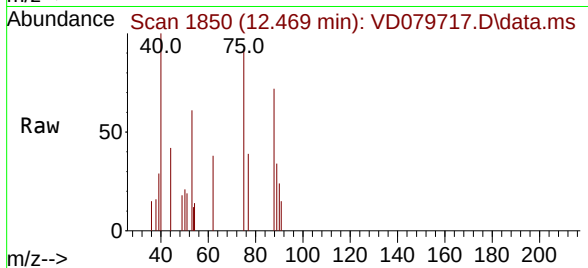
Tgt Ion:105 Resp: 21080
Ion Ratio Lower Upper
105 100
120 46.5 25.7 77.1





#81
trans-1,4-Dichloro-2-butene
Concen: 2.826 ug/l m
RT: 12.469 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

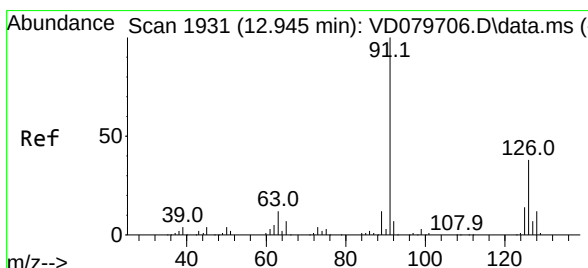
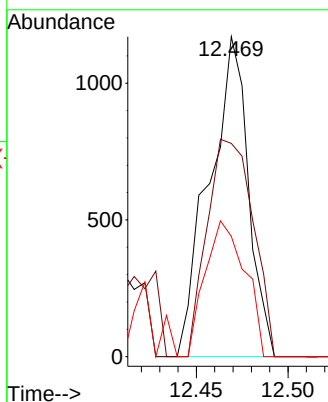
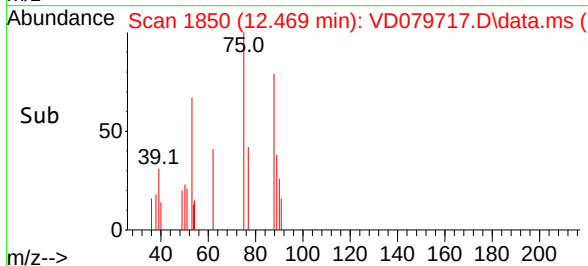
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



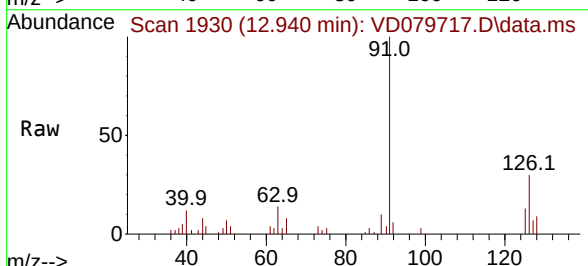
Tgt Ion: 75 Resp: 1735
Ion Ratio Lower Upper
75 100
53 3.9 61.4 92.25
89 0.0 35.4 53.05

Manual Integrations
APPROVED

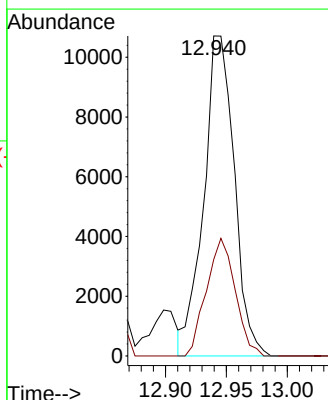
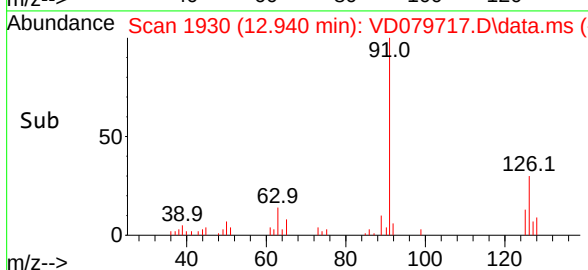
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

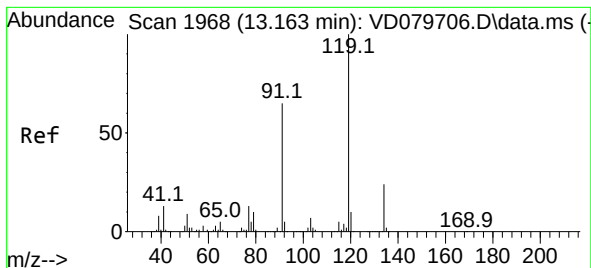


#82
4-Chlorotoluene
Concen: 2.866 ug/l
RT: 12.940 min Scan# 1930
Delta R.T. -0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52



Tgt Ion: 91 Resp: 18711
Ion Ratio Lower Upper
91 100
126 34.7 18.9 56.9





#83

tert-Butylbenzene

Concen: 2.749 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD079717.D

Acq: 13 Aug 2024 13:52

Instrument :

MSVOA_D

ClientSampleId :

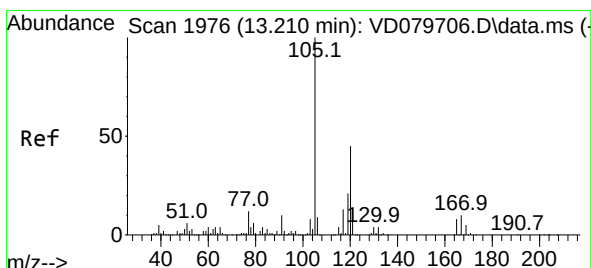
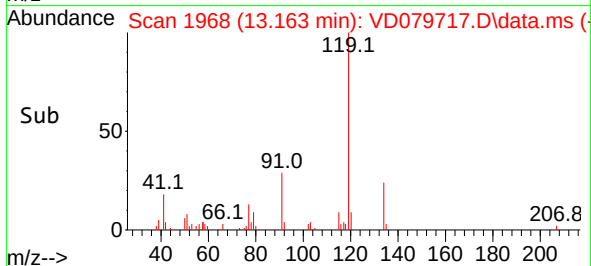
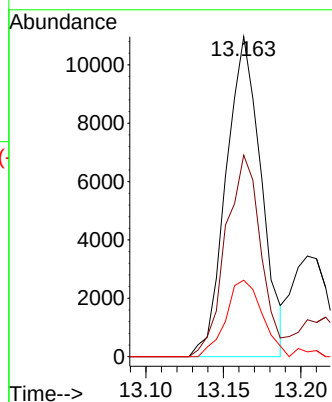
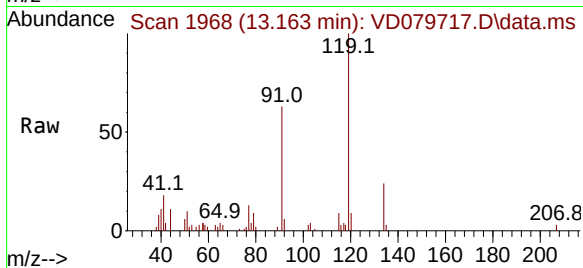
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	119	Resp:	1733
Ion Ratio	Lower	Upper	
119	100		
91	64.1	28.2	84.7
134	24.6	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: 2.537 ug/l

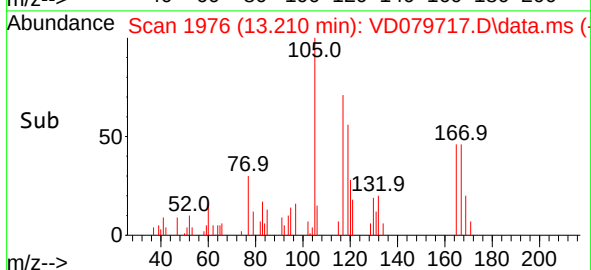
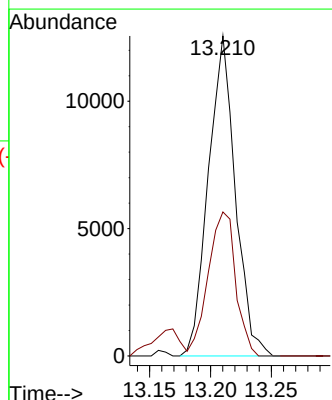
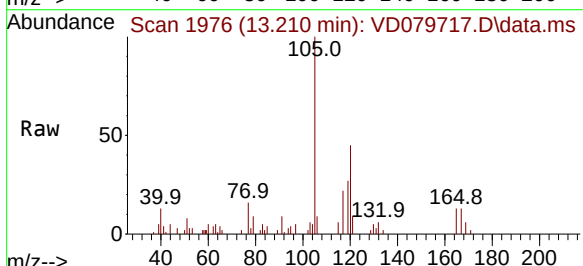
RT: 13.210 min Scan# 1976

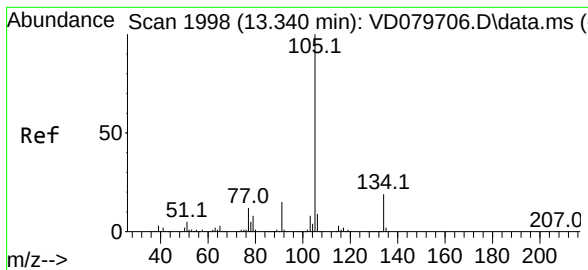
Delta R.T. -0.000 min

Lab File: VD079717.D

Acq: 13 Aug 2024 13:52

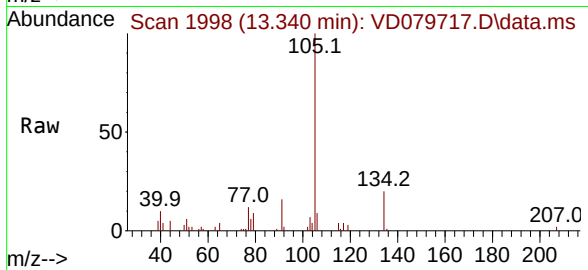
Tgt Ion:	105	Resp:	19395
Ion Ratio	Lower	Upper	
105	100		
120	45.8	23.6	71.0





#85
 sec-Butylbenzene
 Concen: 2.604 ug/l
 RT: 13.340 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VD079717.D
 Acq: 13 Aug 2024 13:52

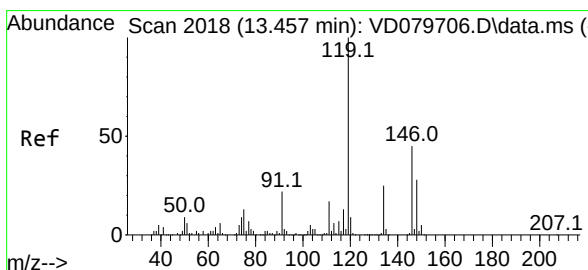
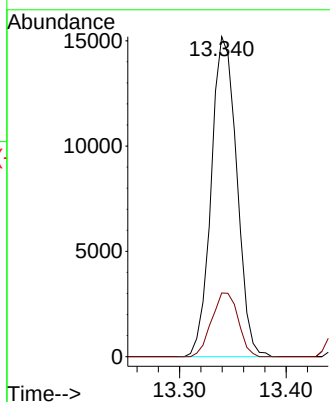
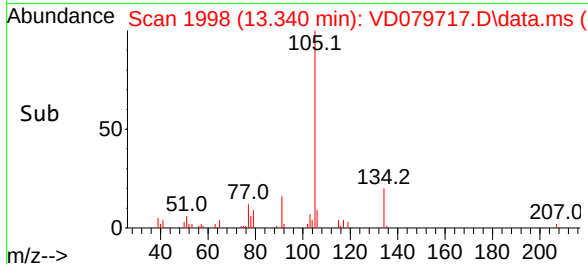
Instrument : MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024



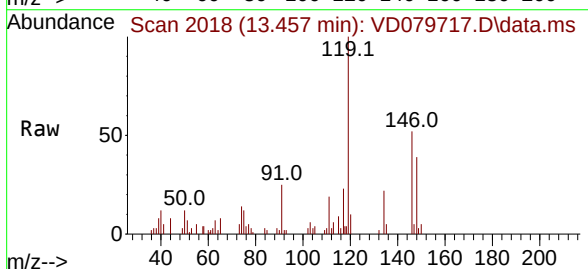
Tgt Ion:105 Resp: 25299
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.8

Manual Integrations
 APPROVED

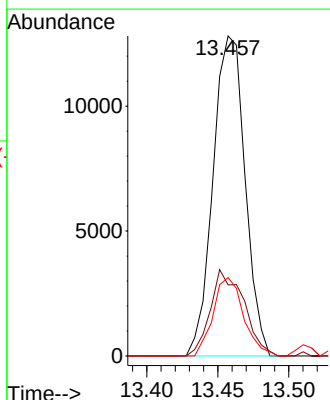
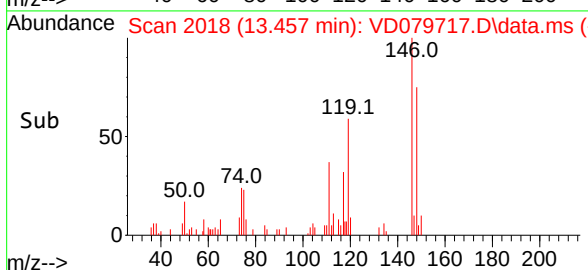
Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024

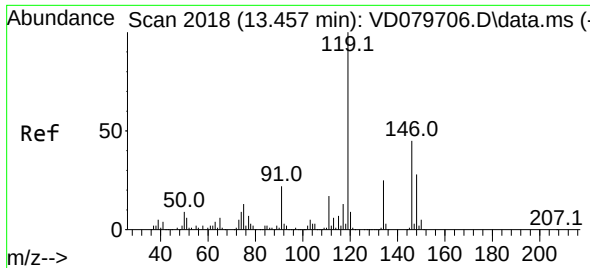


#86
 p-Isopropyltoluene
 Concen: 2.463 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD079717.D
 Acq: 13 Aug 2024 13:52



Tgt Ion:119 Resp: 20103
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.7 41.1
 91 23.3 10.7 32.1





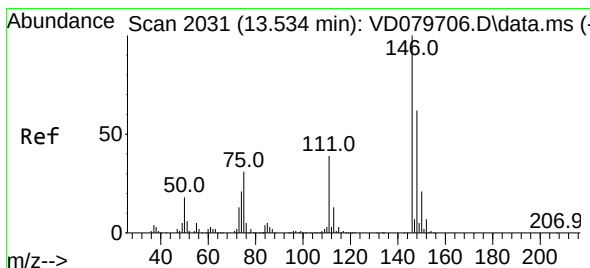
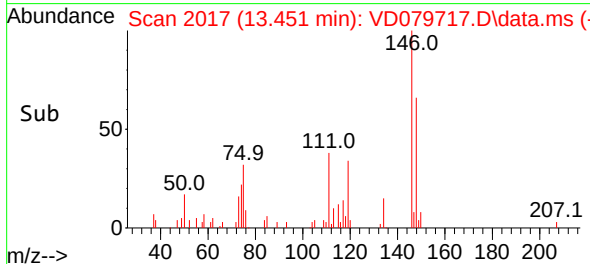
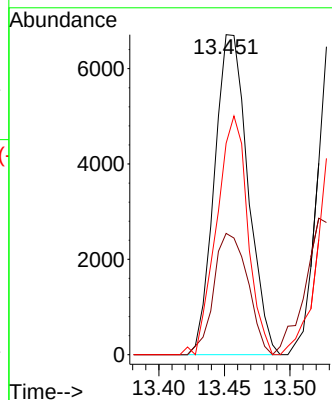
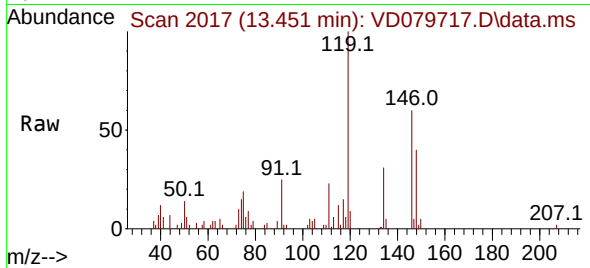
#87
1,3-Dichlorobenzene
Concen: 2.787 ug/l
RT: 13.451 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

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

Tgt Ion:146 Resp: 1195
Ion Ratio Lower Upper
146 100
111 38.3 18.5 55.5
148 69.1 30.9 92.8

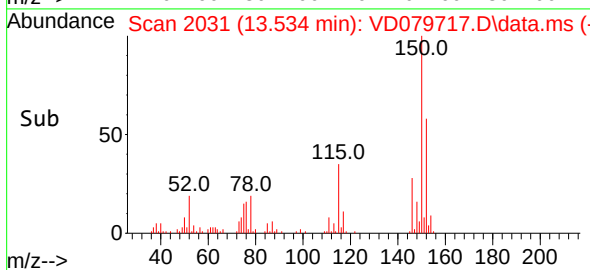
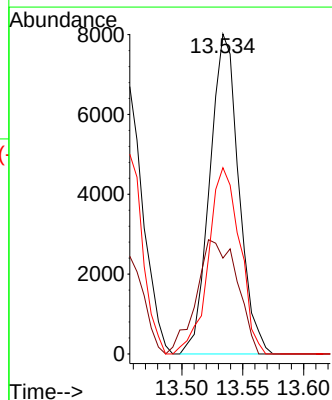
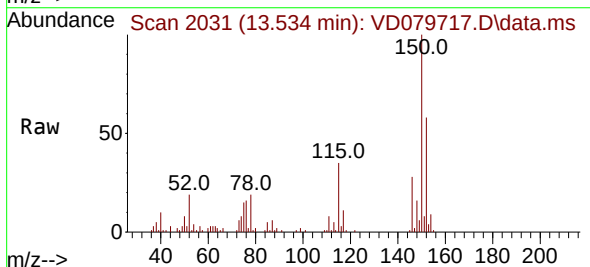
Manual Integrations
APPROVED

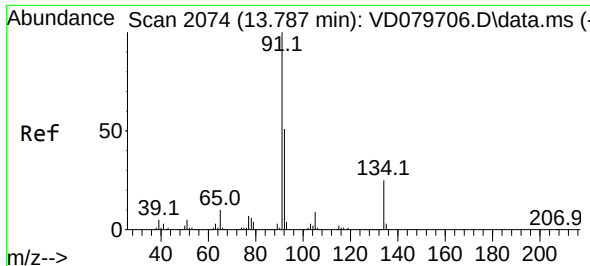
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#88
1,4-Dichlorobenzene
Concen: 3.138 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

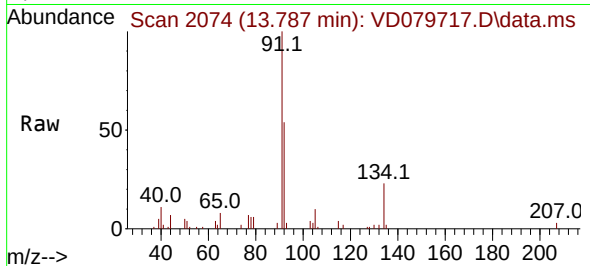
Tgt Ion:146 Resp: 13287
Ion Ratio Lower Upper
146 100
111 49.9 17.5 52.6
148 63.3 31.4 94.2





#89
n-Butylbenzene
Concen: 2.787 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

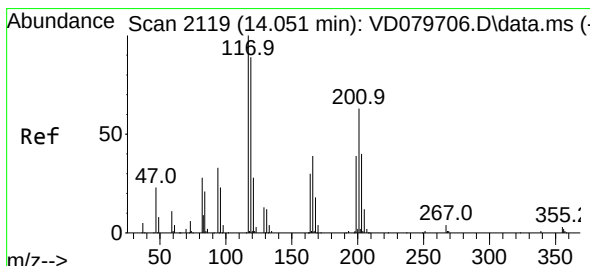
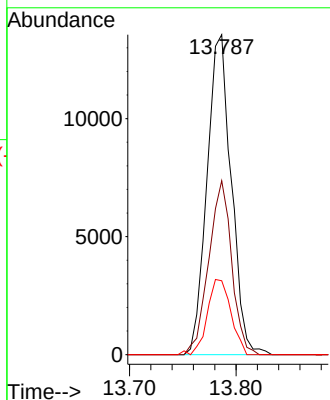
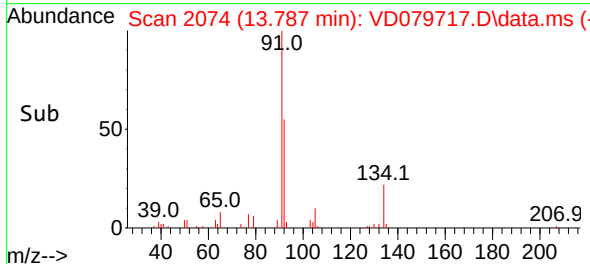
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 91 Resp: 2144
Ion Ratio Lower Upper
91 100
92 51.4 25.7 77.0
134 22.8 13.6 40.8

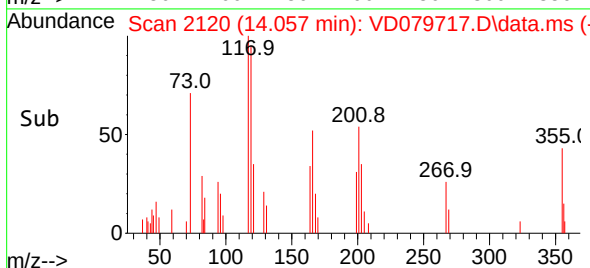
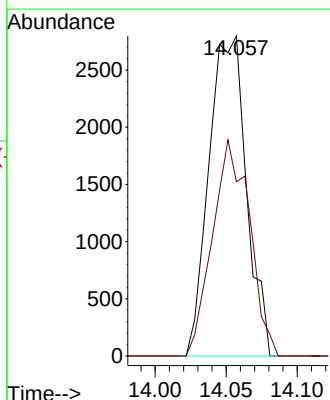
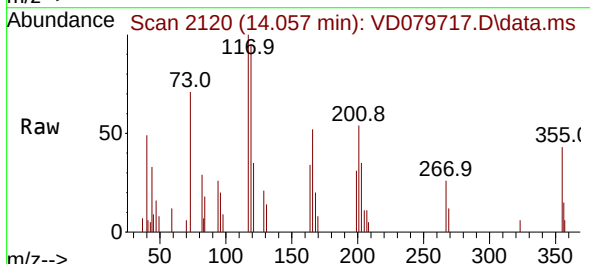
Manual Integrations
APPROVED

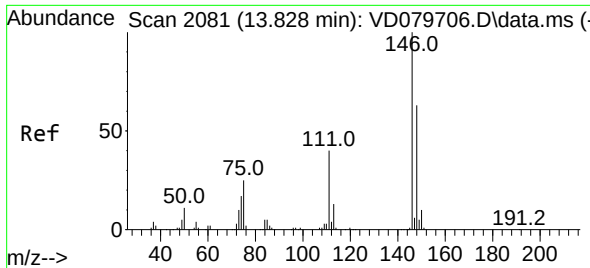
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#90
Hexachloroethane
Concen: 3.055 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

Tgt Ion:117 Resp: 5116
Ion Ratio Lower Upper
117 100
201 66.9 36.3 108.9





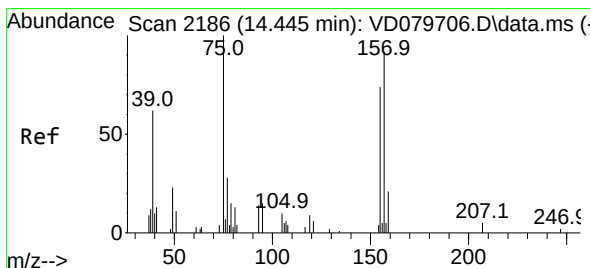
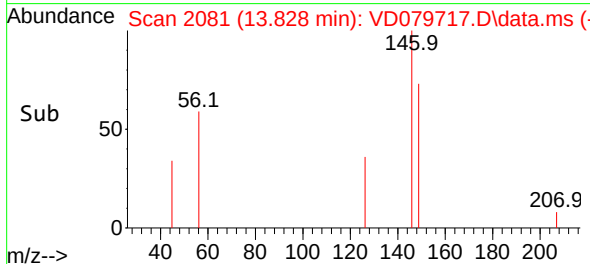
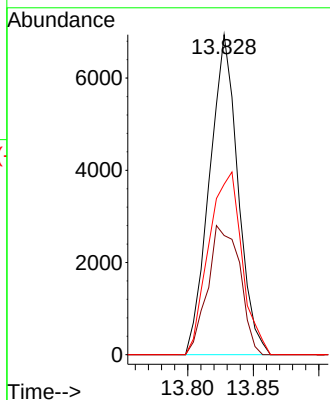
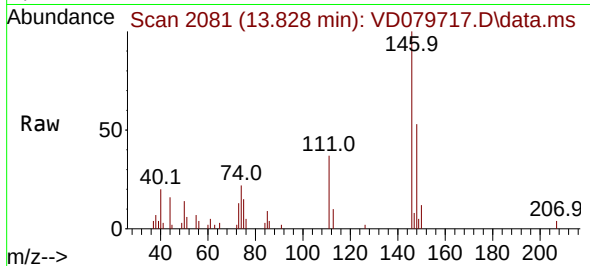
#91
1,2-Dichlorobenzene
Concen: 2.840 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

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

Tgt Ion: 146 Resp: 1049
Ion Ratio Lower Upper
146 100
111 45.4 19.1 57.1
148 66.6 31.1 93.5

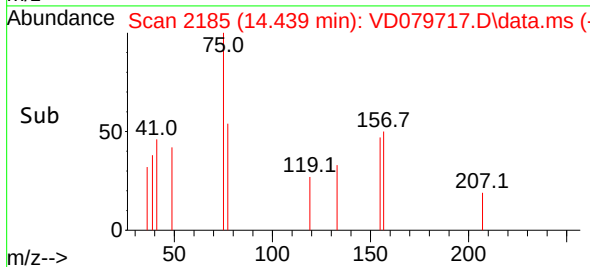
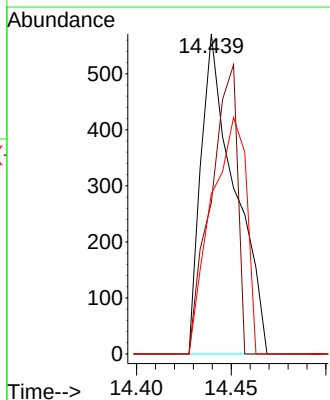
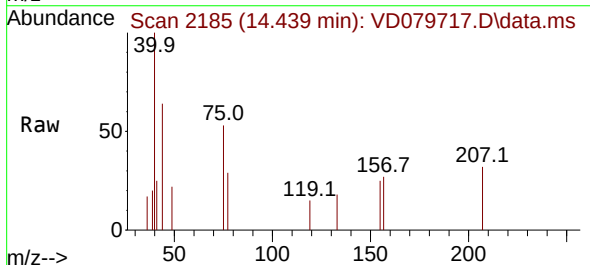
Manual Integrations
APPROVED

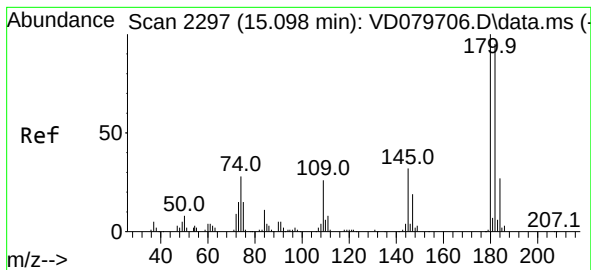
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.057 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. -0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

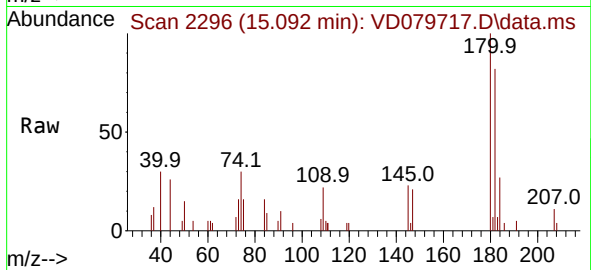
Tgt Ion: 75 Resp: 702
Ion Ratio Lower Upper
75 100
155 71.8 47.7 143.1
157 77.6 63.4 190.2





#93
1,2,4-Trichlorobenzene
Concen: 3.039 ug/l
RT: 15.092 min Scan# 2115
Delta R.T. -0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52

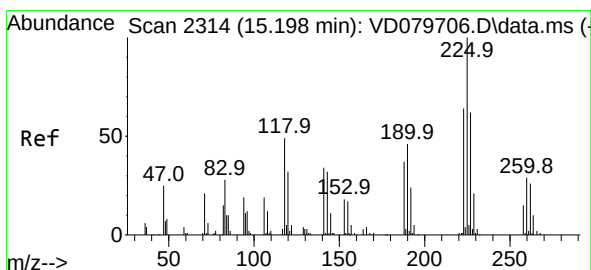
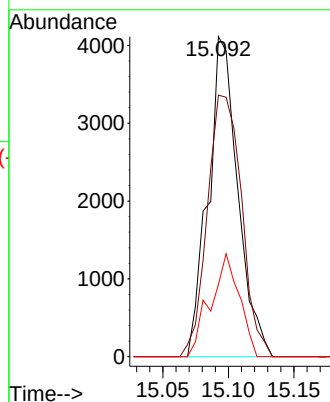
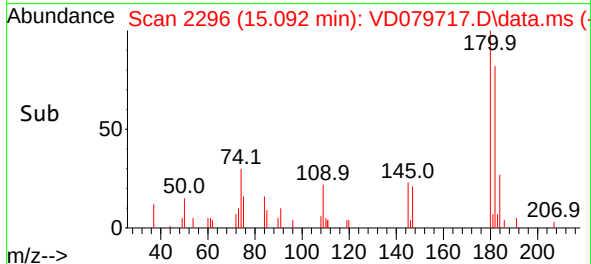
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



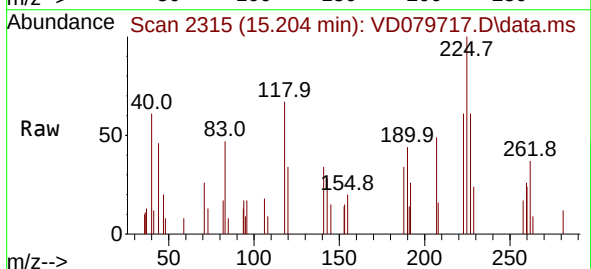
Tgt Ion:180 Resp: 6460
Ion Ratio Lower Upper
180 100
182 94.4 46.9 140.7
145 31.3 14.0 41.9

Manual Integrations
APPROVED

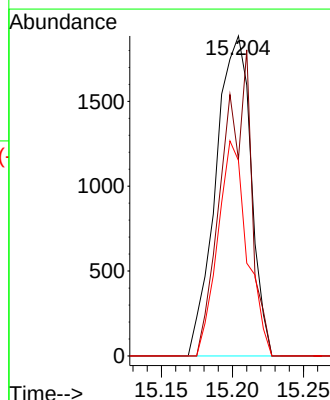
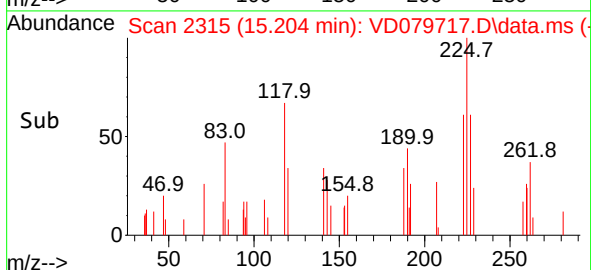
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

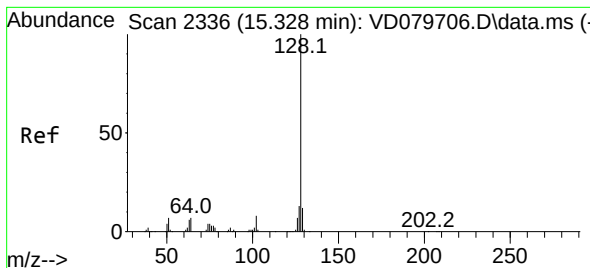


#94
Hexachlorobutadiene
Concen: 3.042 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.006 min
Lab File: VD079717.D
Acq: 13 Aug 2024 13:52



Tgt Ion:225 Resp: 3251
Ion Ratio Lower Upper
225 100
223 77.4 33.3 99.9
227 56.2 33.6 100.6





#95

Naphthalene

Concen: 3.005 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079717.D

Acq: 13 Aug 2024 13:52

Instrument :

MSVOA_D

ClientSampleId :

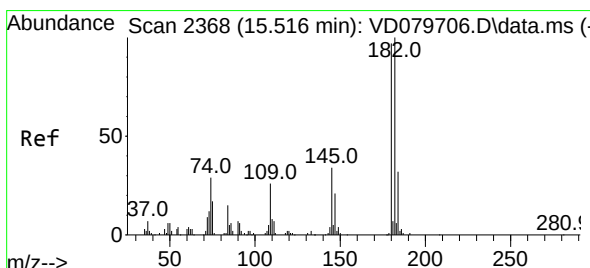
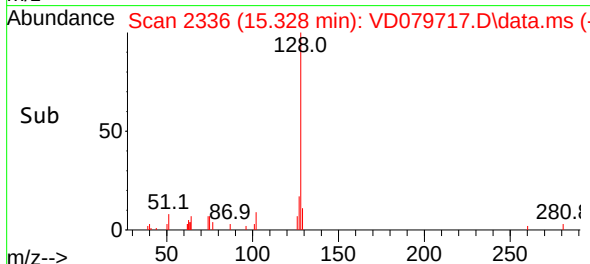
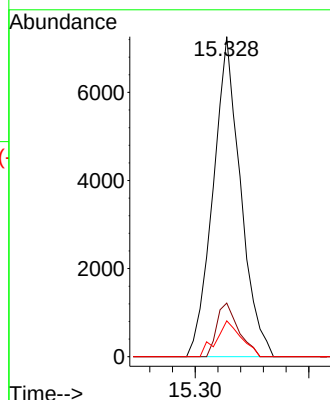
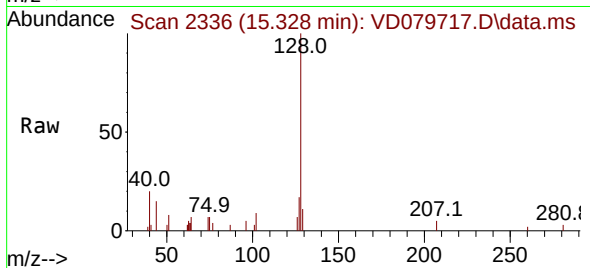
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	128	Resp:	12214
Ion Ratio	Lower	Upper	
128	100		
127	16.8	10.2	15.4
129	11.2	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: 2.908 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.006 min

Lab File: VD079717.D

Acq: 13 Aug 2024 13:52

Tgt Ion:	180	Resp:	5418
Ion Ratio	Lower	Upper	
180	100		
182	98.6	47.8	143.3
145	34.5	16.1	48.2

