

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091124\
 Data File : VD079820.D
 Acq On : 11 Sep 2024 12:18
 Operator : RP/MD
 Sample : P3391-03
 Misc : 5.00G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-QT3-2024-05

Quant Time: Sep 12 01:33:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 12 01:25:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
 Supervised By :Semsettin Yesilyurt 09/12/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	166586	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	165962	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	66840	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	152124	21.001	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.000%		
7) Chloroethane-d5	2.805	69	128957	22.486	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.960%		
11) 1,1-Dichloroethene-d2	3.917	65	27917	21.227	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	84.920%		
21) 2-Butanone-d5	6.987	46	27783	41.281	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.560%		
24) Chloroform-d	7.563	84	115547	21.101	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.400%		
26) 1,2-Dichloroethane-d4	8.228	65	67643	23.623	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.480%		
32) Benzene-d6	8.199	84	263540	22.492	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.960%		
36) 1,2-Dichloropropane-d6	9.210	67	83259	23.202	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.800%		
41) Toluene-d8	10.269	98	237208	23.007	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.040%		
43) trans-1,3-Dichloroprop...	10.522	79	33548	21.745	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.960%		
47) 2-Hexanone-d5	10.875	63	23676	40.474	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.940%		
56) 1,1,2,2-Tetrachloroeth...	12.646	84	57118	21.661	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.640%		
66) 1,2-Dichlorobenzene-d4	13.810	152	59478	23.596	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	3667	1.154	ug/L #	87
3) Chloromethane	2.152	50	6784	1.218	ug/L	92
5) Vinyl chloride	2.281	62	9199	1.348	ug/L #	78
6) Bromomethane	2.693	94	4951	1.441	ug/L	85
8) Chloroethane	2.840	64	5547	1.230	ug/L	99
9) Trichlorofluoromethane	3.175	101	5766	1.175	ug/L #	65
10) 1,1,2-Trichloro-1,2,2-...	3.946	101	3333m	1.227	ug/L	
12) 1,1-Dichloroethene	3.946	96	3369	1.332	ug/L #	1
13) Acetone	4.017	43	4311m	5.254	ug/L	
14) Carbon disulfide	4.270	76	10412	1.266	ug/L	99
15) Methyl Acetate	4.564	43	1429m	1.093	ug/L	
16) Methylene chloride	4.793	84	9416m	2.861	ug/L	
17) trans-1,2-Dichloroethene	5.305	96	3023m	1.121	ug/L	
18) Methyl tert-butyl Ether	5.317	73	6705m	1.105	ug/L	
19) 1,1-Dichloroethane	6.105	63	6151m	1.148	ug/L	
20) cis-1,2-Dichloroethene	7.087	96	3615m	1.217	ug/L	
22) 2-Butanone	7.093	43	2056	2.136	ug/L	98
23) Bromochloromethane	7.428	128	1646m	1.306	ug/L	
25) Chloroform	7.593	83	18136	3.252	ug/L	98

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Reviewed By :Mahesh Dadoda 09/12/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	4419	1.297	ug/L #	82
29) Cyclohexane	7.875	56	4099	0.999	ug/L #	74
30) 1,1,1-Trichloroethane	7.799	97	5497m	1.215	ug/L	
31) Carbon tetrachloride	7.999	117	4508m	1.125	ug/L	
33) Benzene	8.252	78	15217	1.231	ug/L	100
34) Trichloroethene	9.022	95	3257	1.141	ug/L	87
35) Methylcyclohexane	9.269	83	4885m	1.060	ug/L	
38) Bromodichloromethane	9.575	83	4679	1.192	ug/L #	96
39) cis-1,3-Dichloropropene	10.010	75	5198	1.098	ug/L #	81
40) 4-Methyl-2-pentanone	10.157	43	3537m	2.005	ug/L	
42) Toluene	10.328	91	15672	1.204	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	4721m	1.132	ug/L	
45) 1,1,2-Trichloroethane	10.722	97	2504m	1.087	ug/L	
46) Tetrachloroethene	10.810	164	2491	1.285	ug/L	88
48) 2-Hexanone	10.916	43	3272m	2.280	ug/L	
49) Dibromochloromethane	11.069	129	2826	1.124	ug/L	85
50) 1,2-Dibromoethane	11.175	107	2244	1.128	ug/L #	91
51) Chlorobenzene	11.604	112	9279	1.188	ug/L	92
52) Ethylbenzene	11.681	91	13911	1.017	ug/L	92
53) m,p-Xylene	11.793	106	5738	1.108	ug/L	70
54) o-Xylene	12.116	106	4729	0.931	ug/L	90
55) Styrene	12.134	104	8294	0.929	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.669	83	3569	1.322	ug/L #	96
59) Bromoform	12.293	173	1514m	1.312	ug/L	
60) Isopropylbenzene	12.422	105	11670	1.011	ug/L	93
61) 1,2,3-Trichloropropane	12.722	75	1786	1.087	ug/L #	84
62) 1,3,5-Trimethylbenzene	12.904	105	8404	0.996	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	8976	1.014	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	5520	1.157	ug/L	90
65) 1,4-Dichlorobenzene	13.534	146	6537	1.307	ug/L	94
67) 1,2-Dichlorobenzene	13.828	146	5478	1.271	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.445	75	584m	1.737	ug/L	
69) 1,3,5-Trichlorobenzene	14.587	180	3509m	1.214	ug/L	
70) 1,2,4-trichlorobenzene	15.092	180	2954	1.213	ug/L	91
71) Naphthalene	15.334	128	6320	1.162	ug/L #	93
72) 1,2,3-Trichlorobenzene	15.522	180	2365	1.086	ug/L #	21

(#) = qualifier out of range (m) = manual integration (+) = signals summed

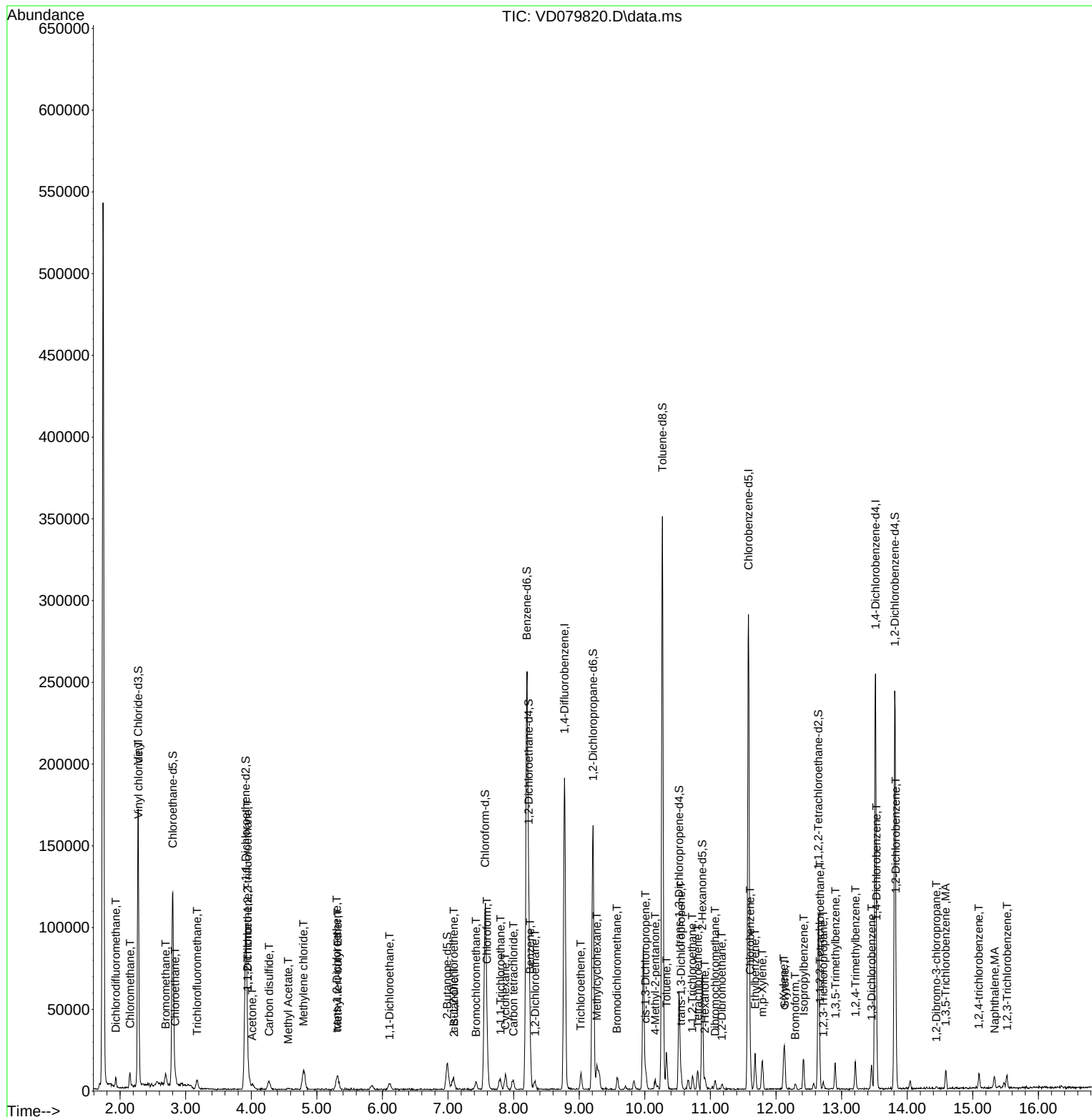
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091124\
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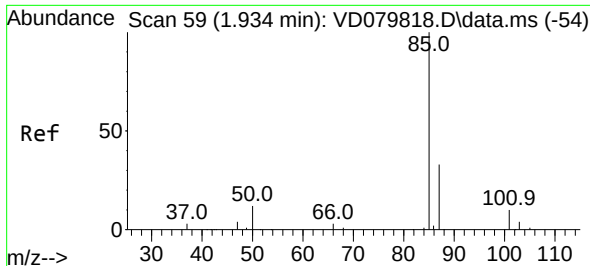
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ClientSampleId :
MDL-SOIL-QT3-2024-05

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Quant Title : SFAM01.0
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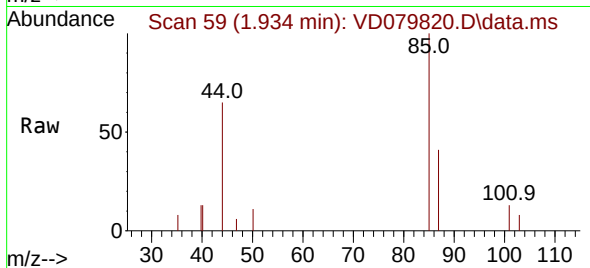
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024





#2
Dichlorodifluoromethane
Concen: 1.154 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

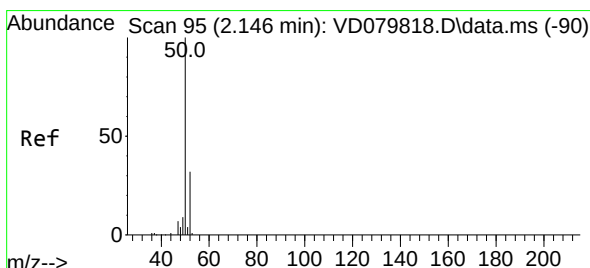
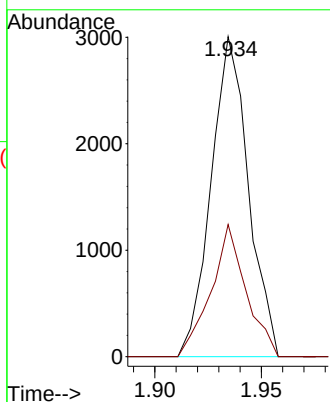
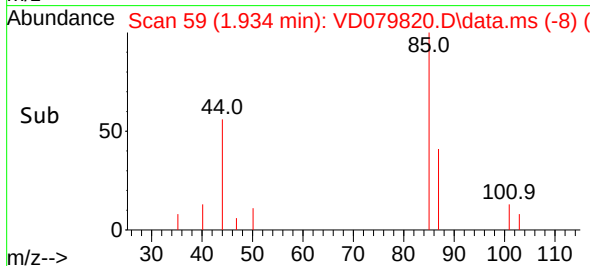
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion: 85 Resp: 366
Ion Ratio Lower Upper
85 100
87 38.7 25.0 37.6

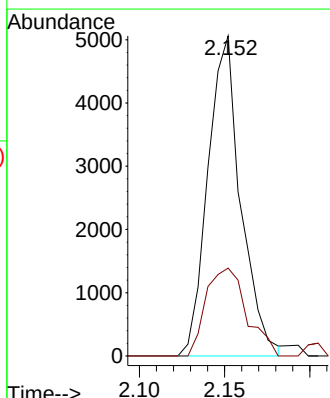
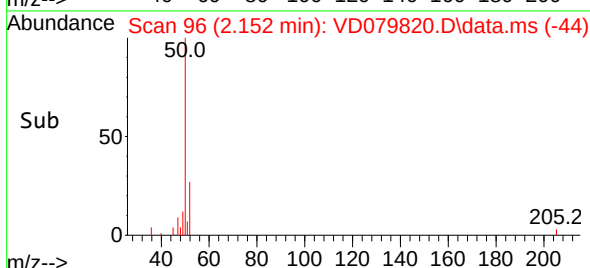
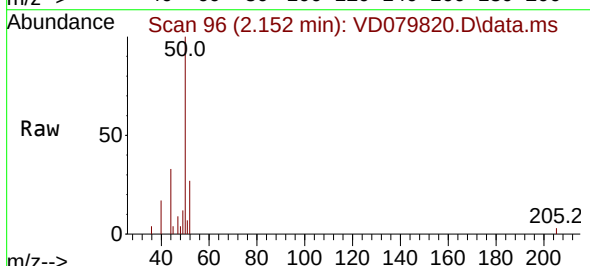
Manual Integrations
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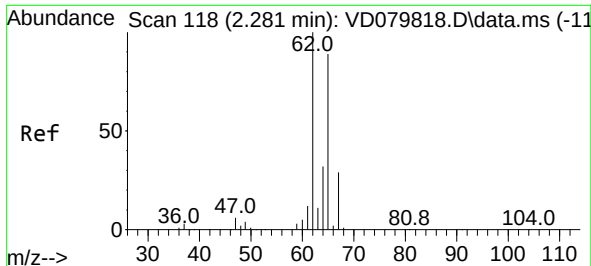
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#3
Chloromethane
Concen: 1.218 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

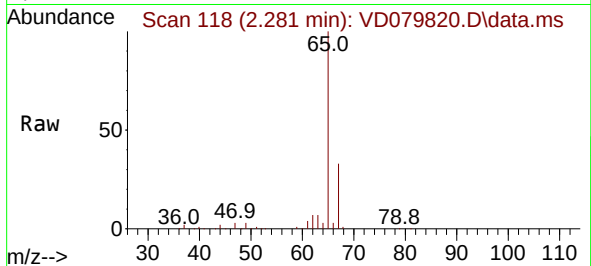
Tgt Ion: 50 Resp: 6784
Ion Ratio Lower Upper
50 100
52 27.5 22.4 41.6





#5
Vinyl chloride
Concen: 1.348 ug/L
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

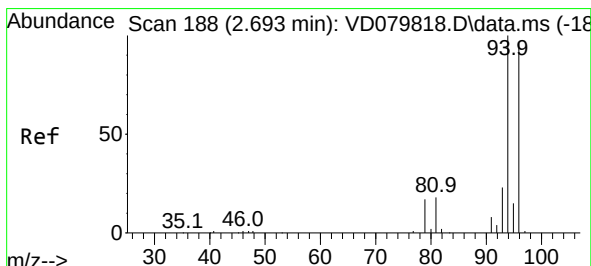
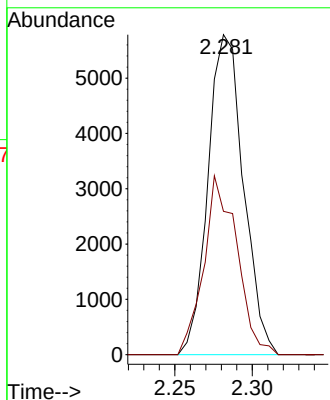
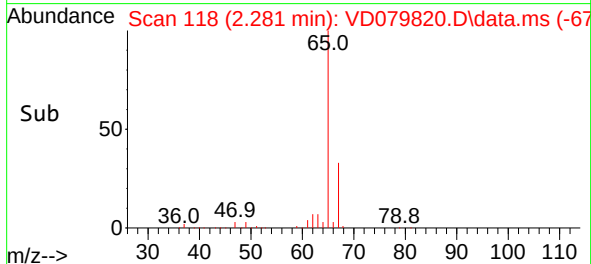
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT3-2024-05



Tgt Ion: 62 Resp: 9199
Ion Ratio Lower Upper
62 100
64 44.8 22.6 42.0

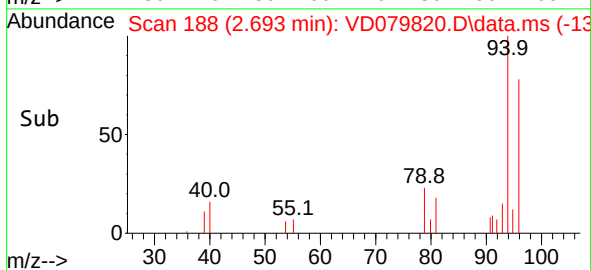
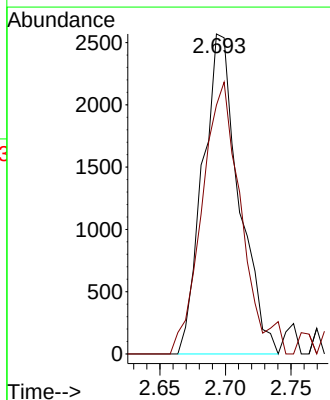
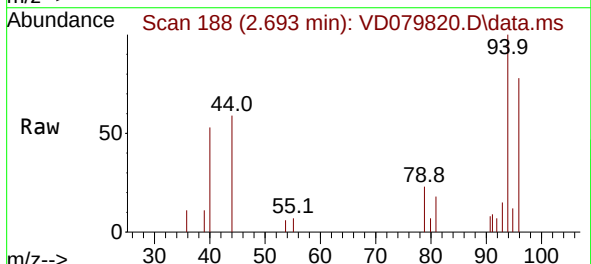
Manual Integrations
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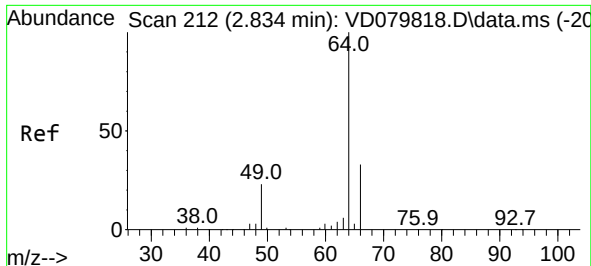
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#6
Bromomethane
Concen: 1.441 ug/L
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

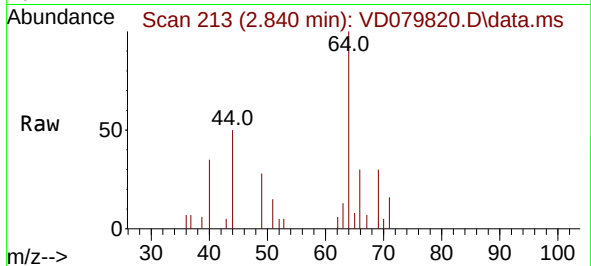
Tgt Ion: 94 Resp: 4951
Ion Ratio Lower Upper
94 100
96 77.8 64.3 119.5





#8
Chloroethane
Concen: 1.230 ug/L
RT: 2.840 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

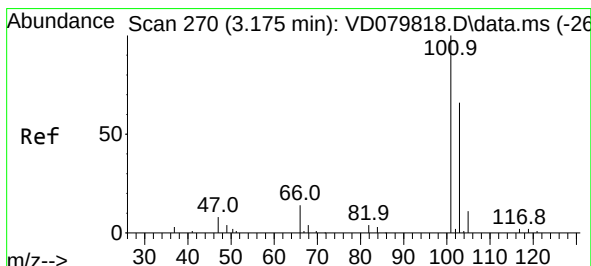
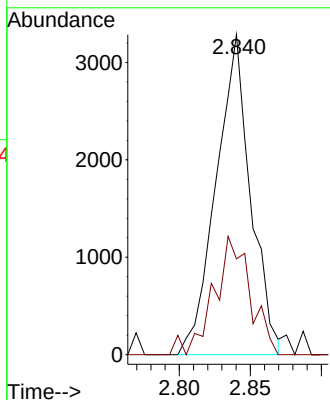
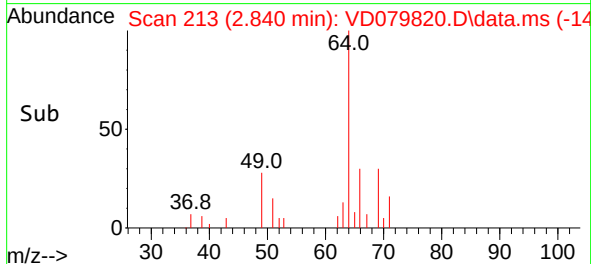
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion: 64 Resp: 554
Ion Ratio Lower Upper
64 100
66 29.9 21.3 39.6

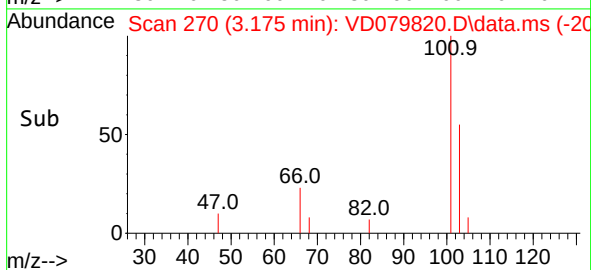
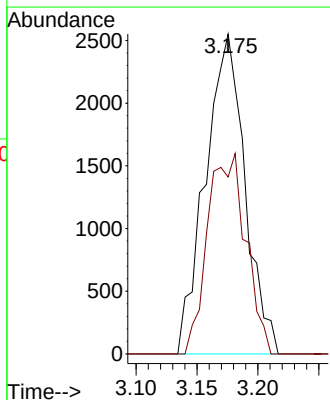
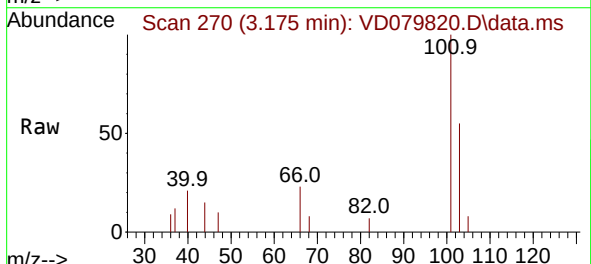
Manual Integrations
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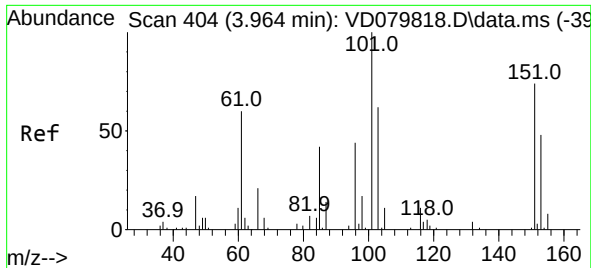
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#9
Trichlorofluoromethane
Concen: 1.175 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

Tgt Ion:101 Resp: 5766
Ion Ratio Lower Upper
101 100
103 36.1 50.5 75.7#





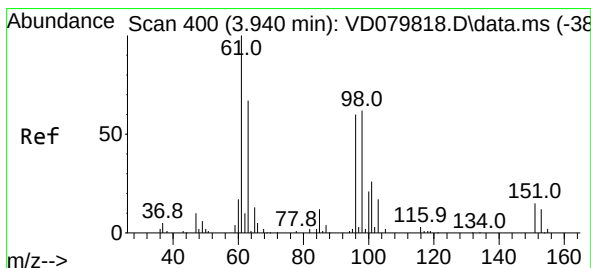
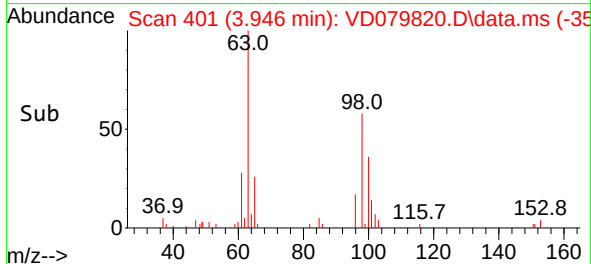
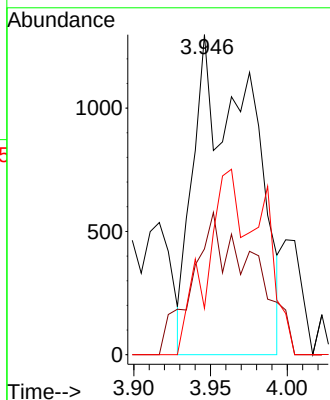
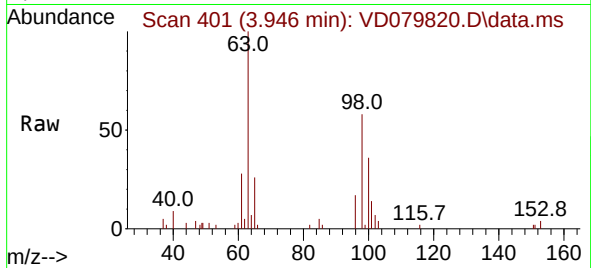
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.227 ug/L m
RT: 3.946 min Scan# 401
Delta R.T. -0.018 min
Lab File: VD079820.D
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Instrument :
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Tgt Ion:101 Resp: 333
Ion Ratio Lower Upper
101 100
85 5.7 37.8 56.8
151 25.9 54.2 81.4

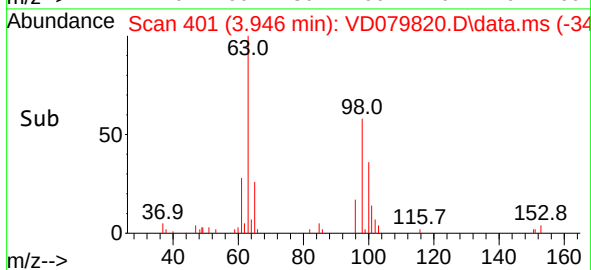
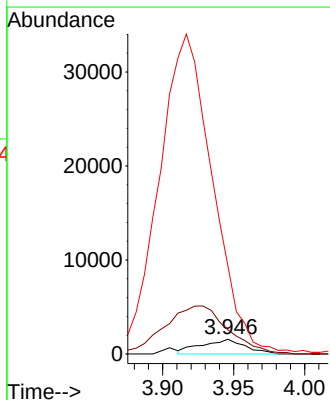
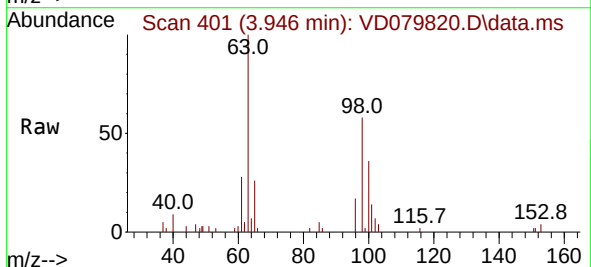
Manual Integrations
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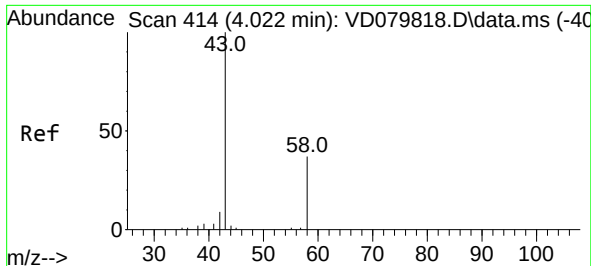
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#12
1,1-Dichloroethene
Concen: 1.332 ug/L
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

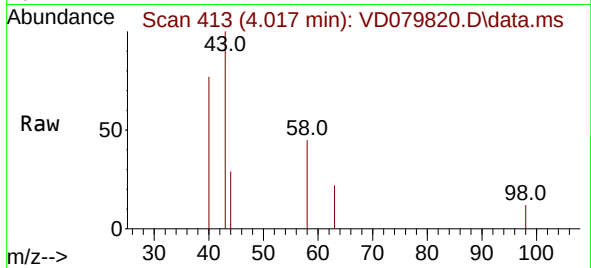
Tgt Ion: 96 Resp: 3369
Ion Ratio Lower Upper
96 100
61 163.6 119.8 222.4
63 593.8 93.9 174.3





#13
Acetone
Concen: 5.254 ug/L m
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

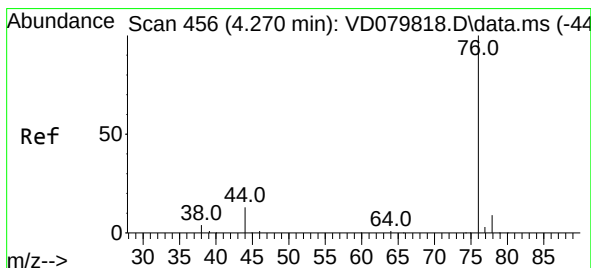
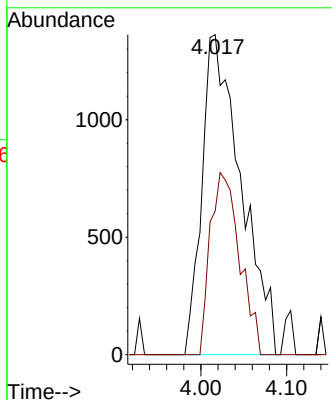
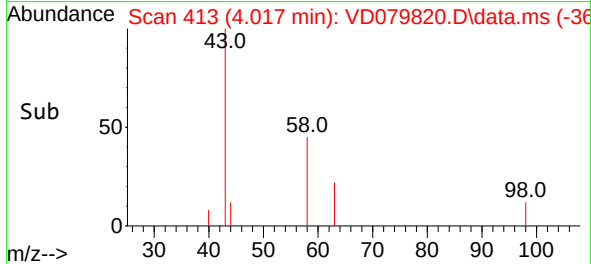
Instrument :
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Tgt Ion: 43 Resp: 431
Ion Ratio Lower Upper
43 100
58 42.8 0.0 75.8

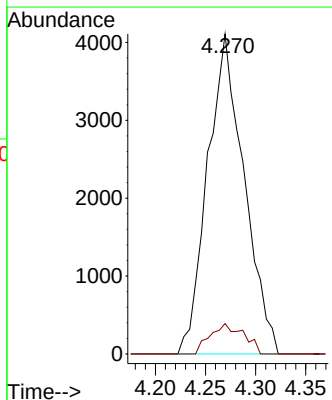
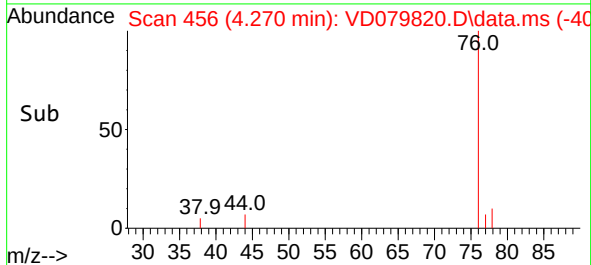
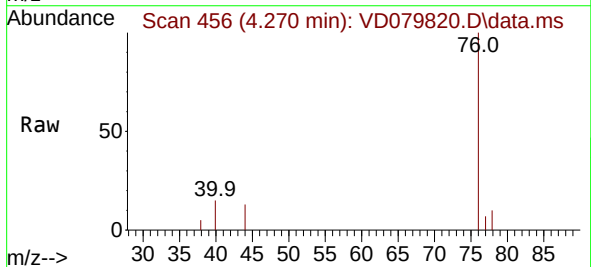
Manual Integrations
APPROVED

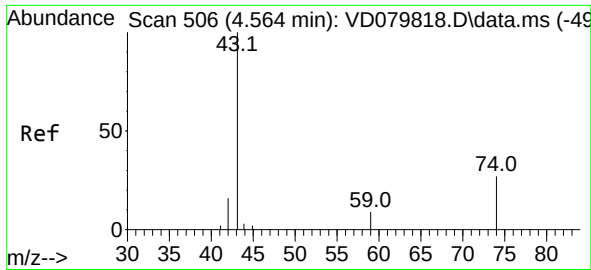
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#14
Carbon disulfide
Concen: 1.266 ug/L
RT: 4.270 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

Tgt Ion: 76 Resp: 10412
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9





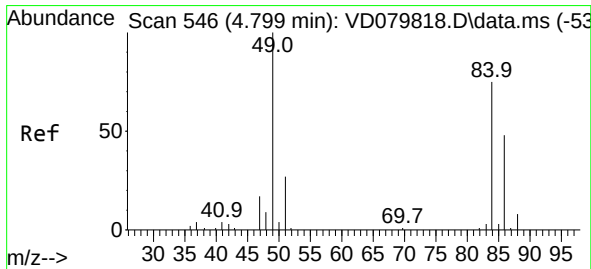
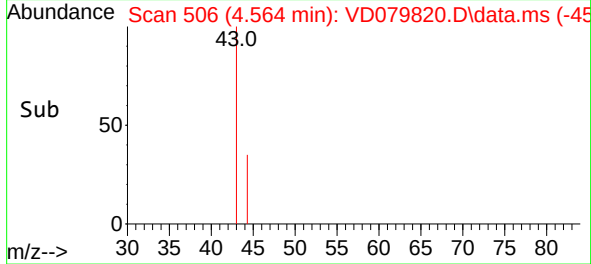
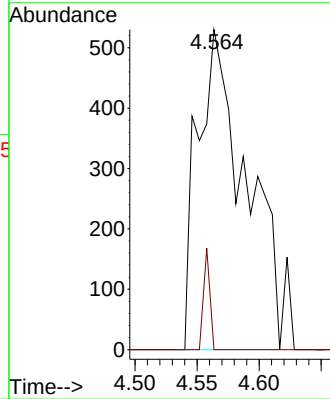
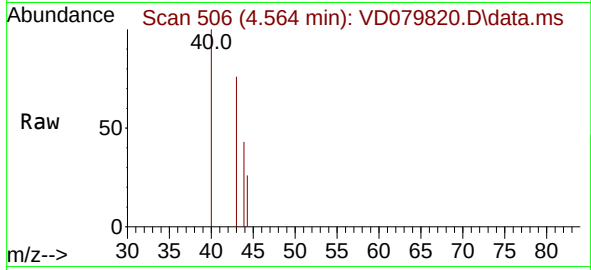
#15
Methyl Acetate
Concen: 1.093 ug/L m
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-05

Tgt Ion: 43 Resp: 1429
Ion Ratio Lower Upper
43 100
74 0.0 11.9 17.9

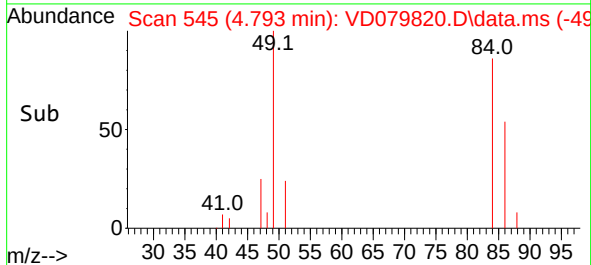
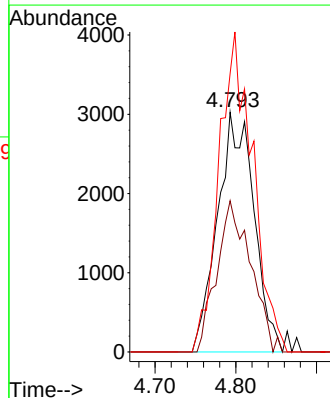
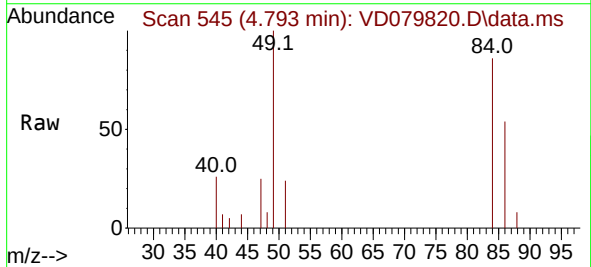
Manual Integrations
APPROVED

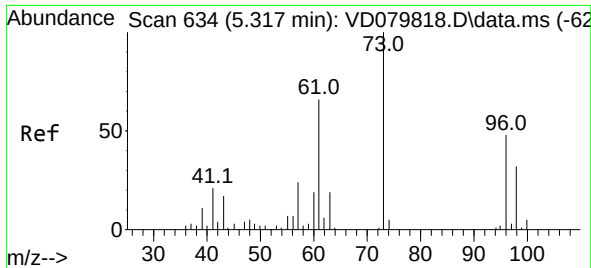
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#16
Methylene chloride
Concen: 2.861 ug/L m
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

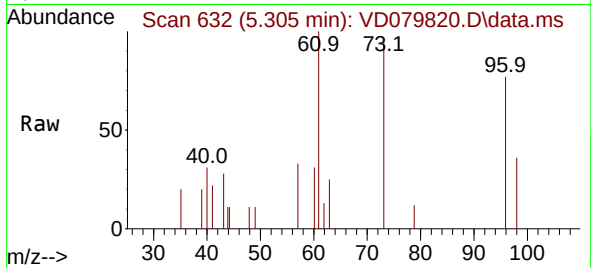
Tgt Ion: 84 Resp: 9416
Ion Ratio Lower Upper
84 100
86 63.1 41.0 76.2
49 116.1 90.0 167.2





#17
trans-1,2-Dichloroethene
Concen: 1.121 ug/L m
RT: 5.305 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

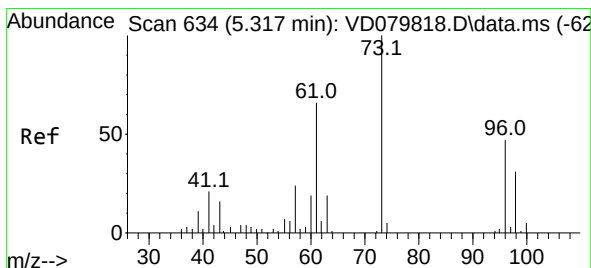
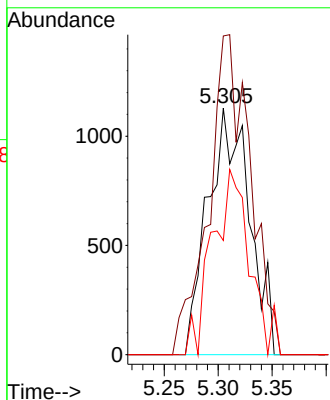
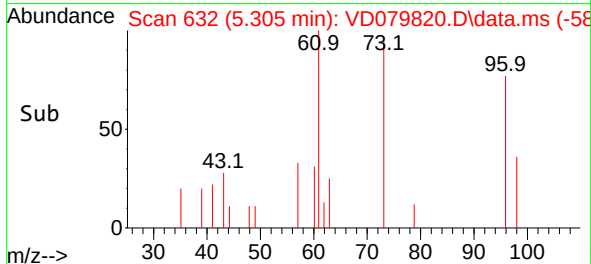
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion: 96 Resp: 302
Ion Ratio Lower Upper
96 100
61 129.2 88.7 164.7
98 46.3 43.8 81.3

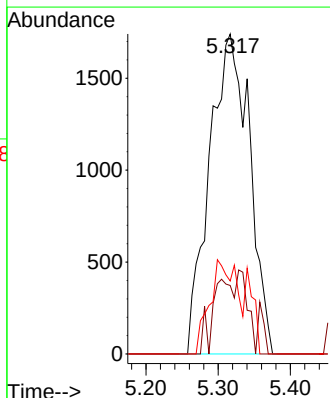
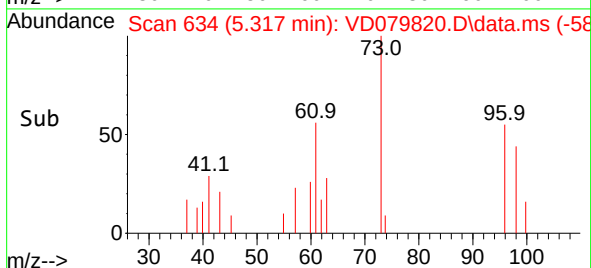
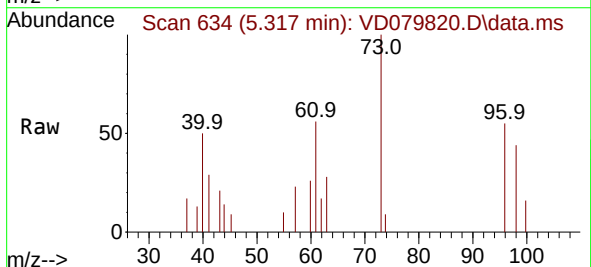
Manual Integrations
APPROVED

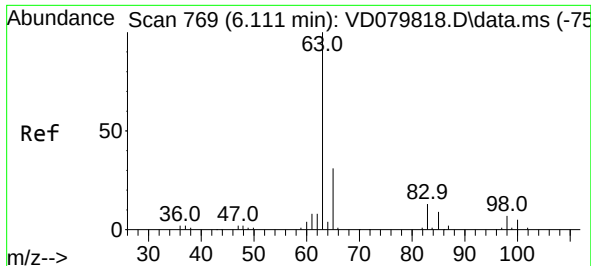
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#18
Methyl tert-butyl Ether
Concen: 1.105 ug/L m
RT: 5.317 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

Tgt Ion: 73 Resp: 6705
Ion Ratio Lower Upper
73 100
43 7.2 14.5 21.7#
57 5.3 18.8 28.2#





#19

1,1-Dichloroethane

Concen: 1.148 ug/L m

RT: 6.105 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD079820.D

Acq: 11 Sep 2024 12:18

Instrument :

MSVOA_D

ClientSampleId :

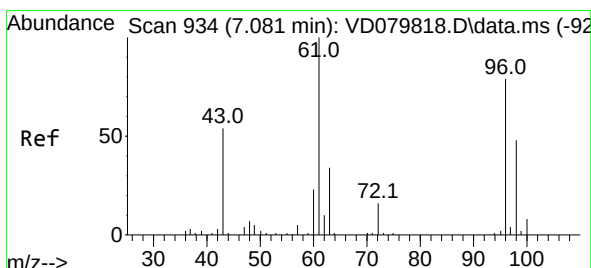
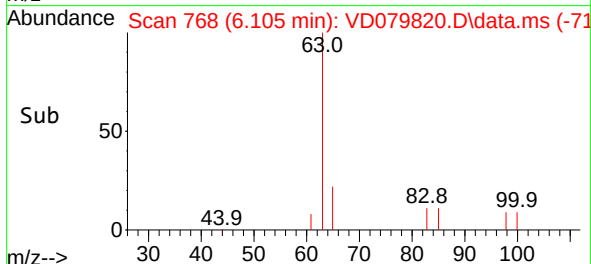
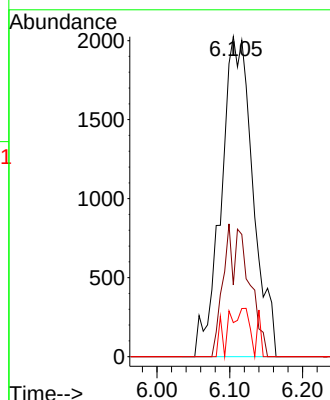
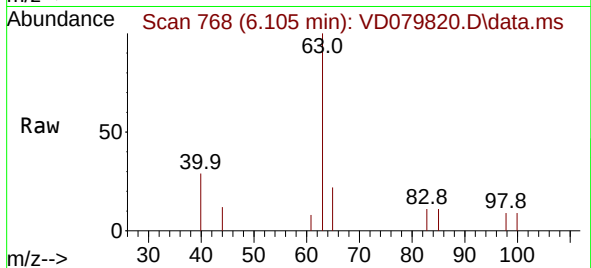
MDL-SOIL-QT3-2024-05

Tgt Ion:	63	Resp:	615
Ion	Ratio	Lower	Upper
63	100		
65	22.4	22.6	42.0
83	10.6	9.0	16.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#20

cis-1,2-Dichloroethene

Concen: 1.217 ug/L m

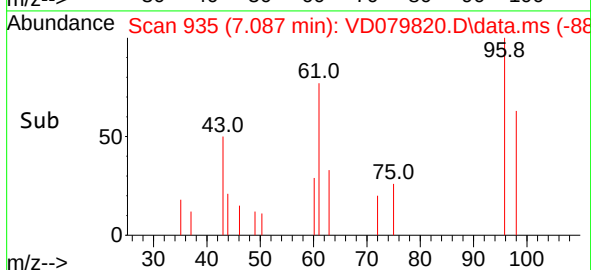
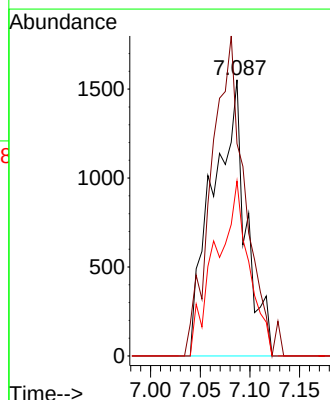
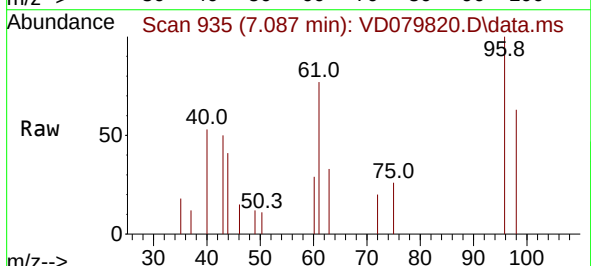
RT: 7.087 min Scan# 935

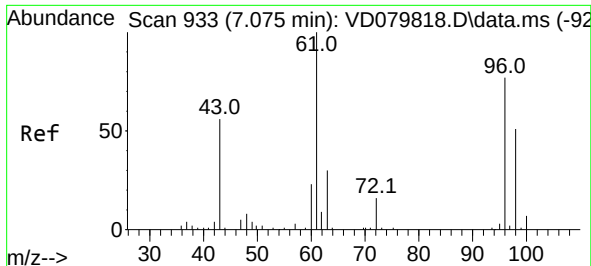
Delta R.T. 0.006 min

Lab File: VD079820.D

Acq: 11 Sep 2024 12:18

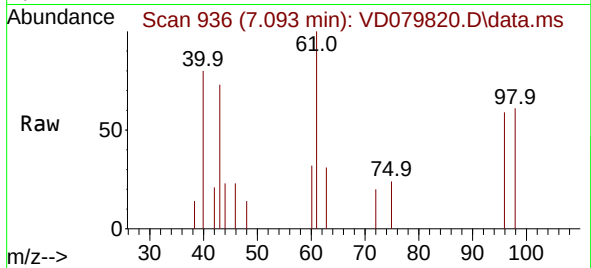
Tgt Ion:	96	Resp:	3615
Ion	Ratio	Lower	Upper
96	100		
61	76.9	83.8	155.6
98	63.3	45.9	85.3





#22
2-Butanone
Concen: 2.136 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.018 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

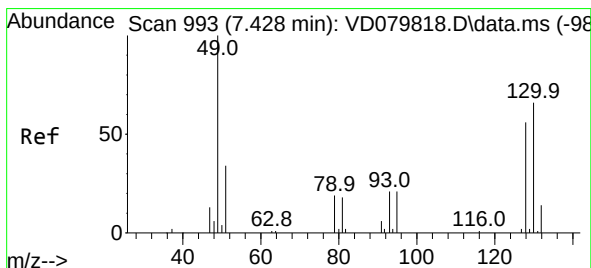
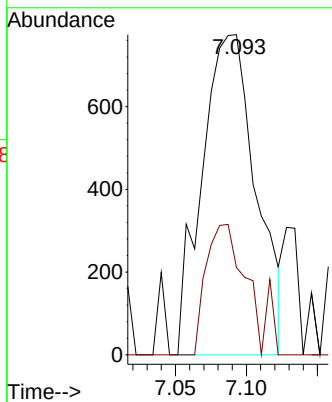
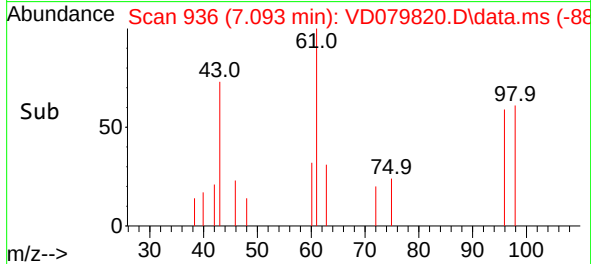
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion: 43 Resp: 205
Ion Ratio Lower Upper
43 100
72 25.4 13.1 39.3

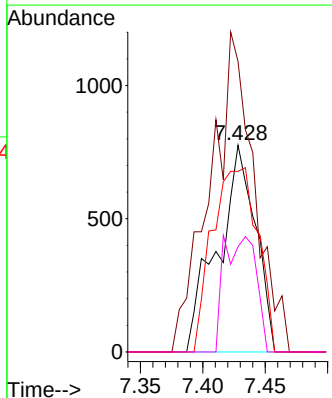
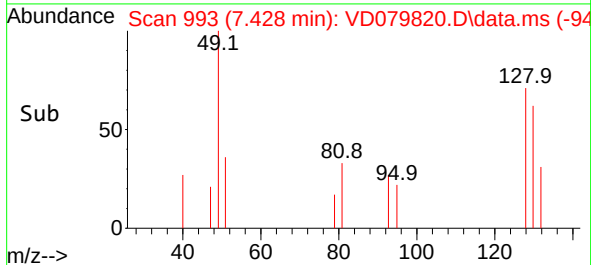
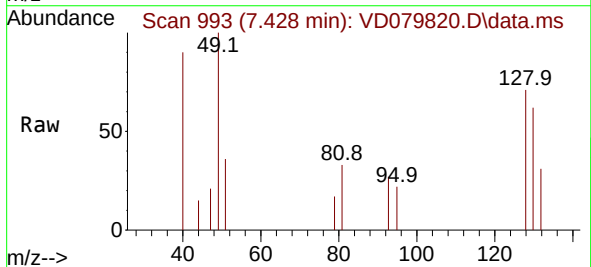
Manual Integrations
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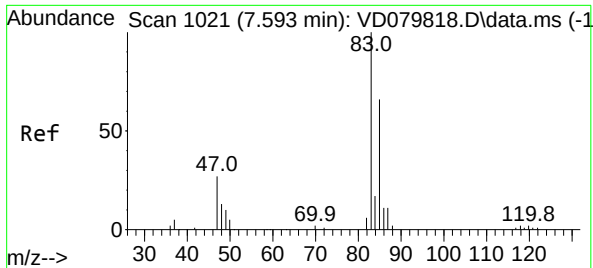
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#23
Bromochloromethane
Concen: 1.306 ug/L m
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

Tgt Ion:128 Resp: 1646
Ion Ratio Lower Upper
128 100
49 140.5 132.3 245.7
130 87.4 89.4 166.0#
51 50.9 46.2 69.4





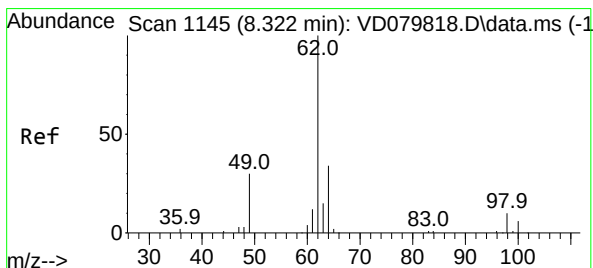
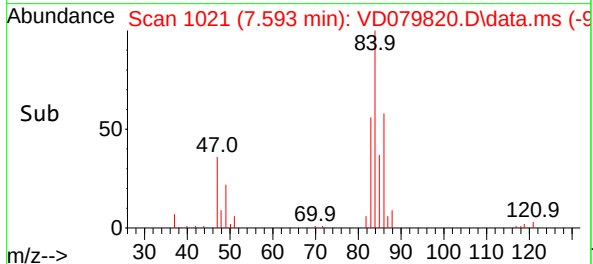
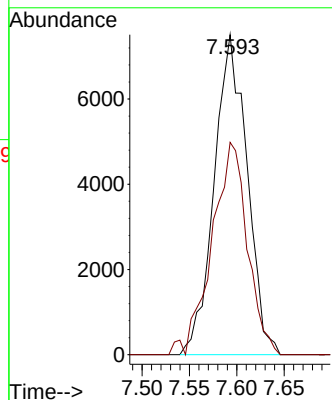
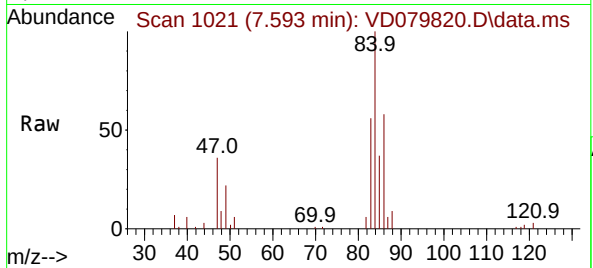
#25
Chloroform
Concen: 3.252 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT3-2024-05

Tgt Ion: 83 Resp: 1813
Ion Ratio Lower Upper
83 100
85 66.4 47.3 87.9

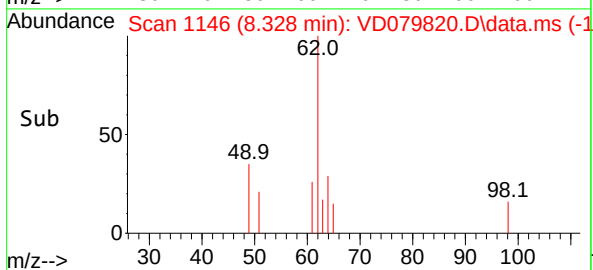
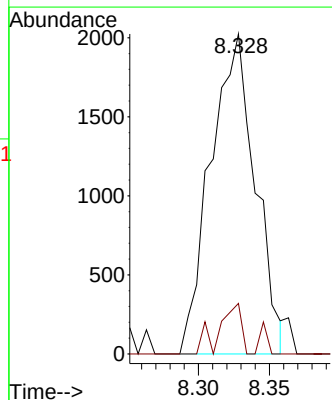
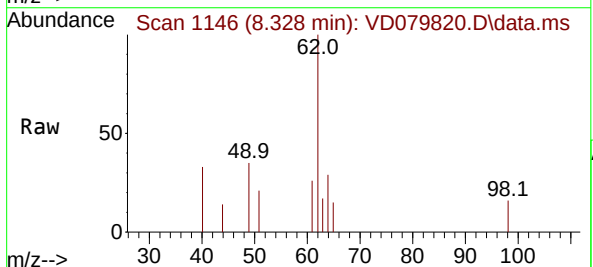
Manual Integrations
APPROVED

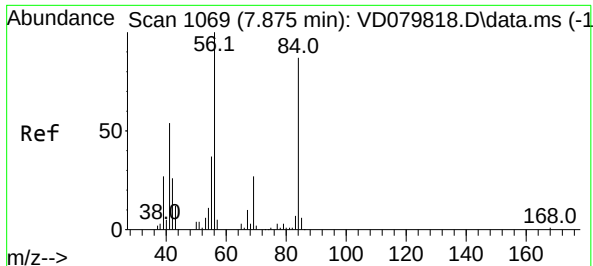
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#27
1,2-Dichloroethane
Concen: 1.297 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

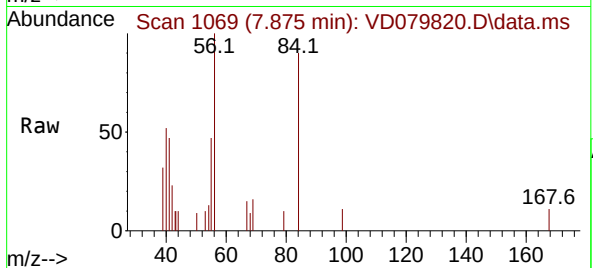
Tgt Ion: 62 Resp: 4419
Ion Ratio Lower Upper
62 100
98 15.8 7.5 11.3#





#29
Cyclohexane
Concen: 0.999 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

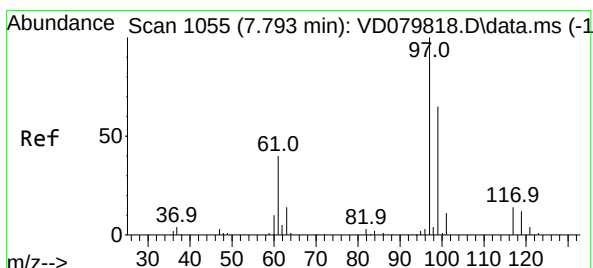
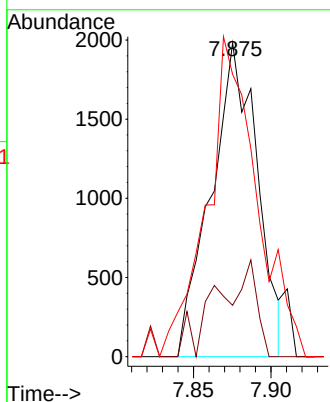
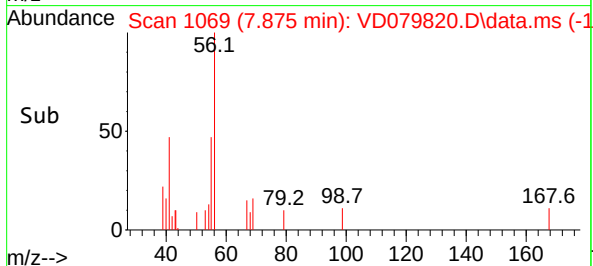
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT3-2024-05



Tgt Ion: 56 Resp: 4099
Ion Ratio Lower Upper
56 100
69 12.9 22.8 34.2
84 109.3 69.1 103.7

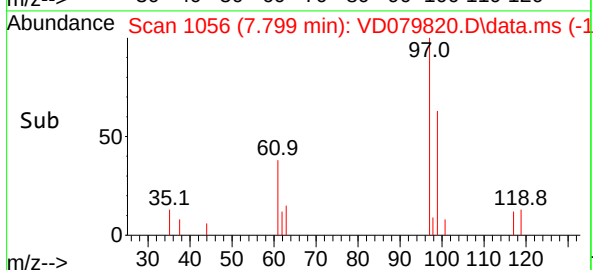
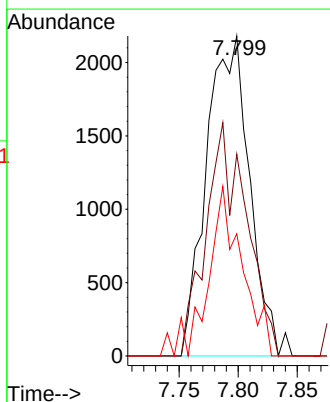
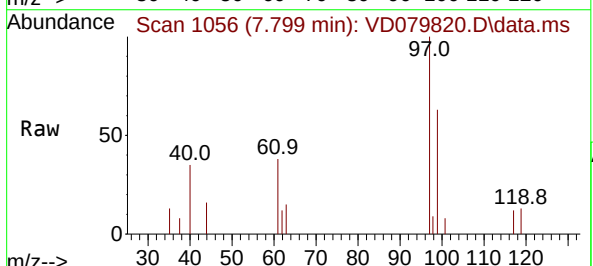
Manual Integrations
APPROVED

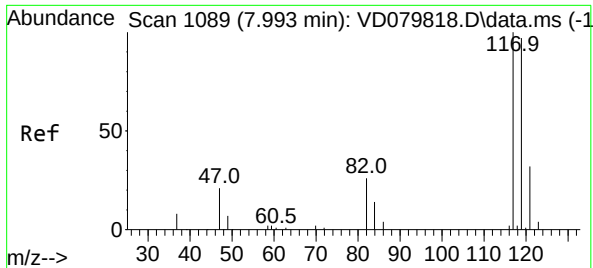
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#30
1,1,1-Trichloroethane
Concen: 1.215 ug/L m
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

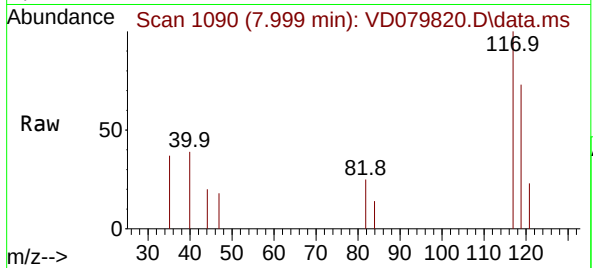
Tgt Ion: 97 Resp: 5497
Ion Ratio Lower Upper
97 100
99 40.7 51.9 77.9
61 39.6 35.4 53.2





#31
Carbon tetrachloride
Concen: 1.125 ug/L m
RT: 7.999 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

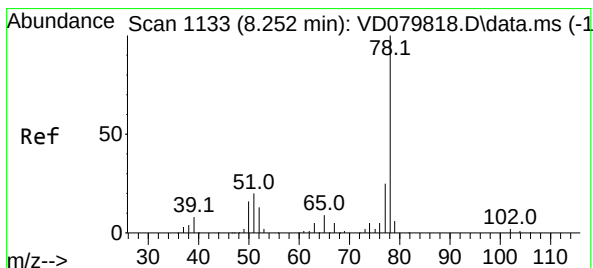
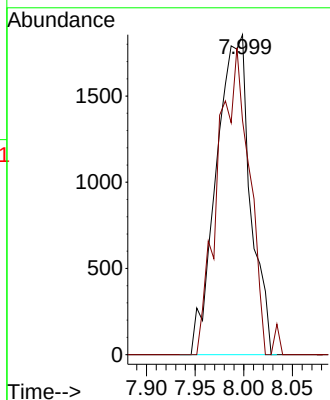
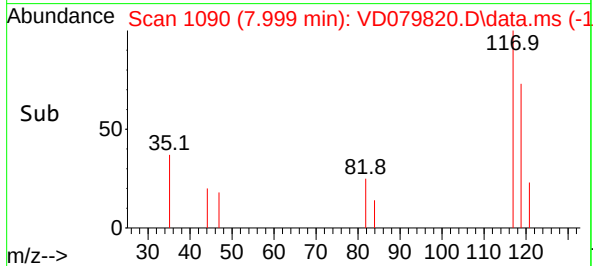
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion:117 Resp: 4508
Ion Ratio Lower Upper
117 100
119 9.4 76.0 114.0

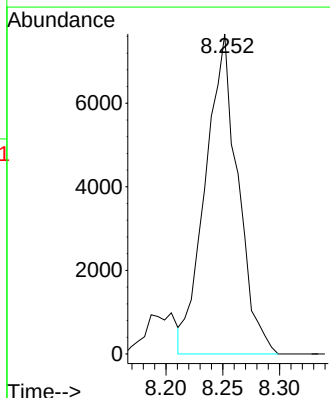
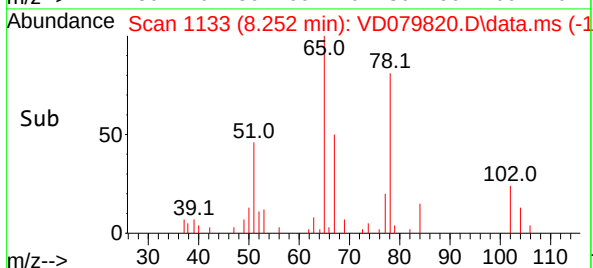
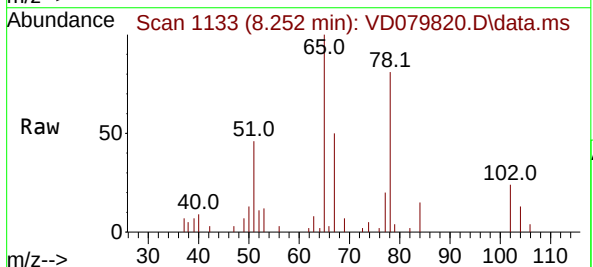
Manual Integrations
APPROVED

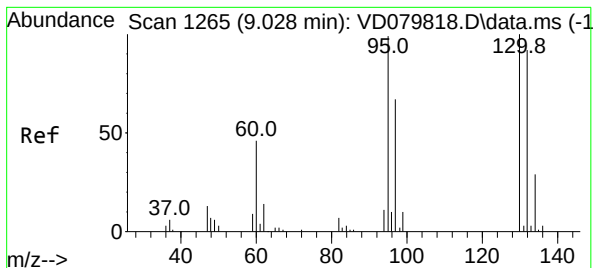
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#33
Benzene
Concen: 1.231 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

Tgt Ion: 78 Resp: 15217





#34

Trichloroethene

Concen: 1.141 ug/L

RT: 9.022 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VD079820.D

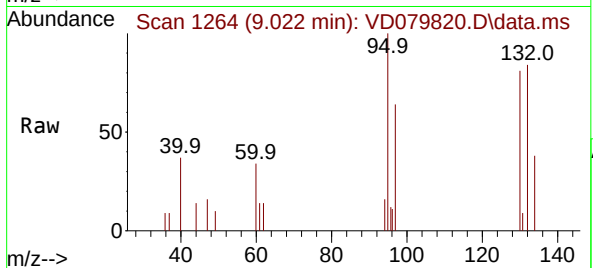
Acq: 11 Sep 2024 12:18

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-QT3-2024-05



Tgt Ion: 95 Resp: 325

Ion Ratio Lower Upper

95 100

97 56.9 43.5 80.7

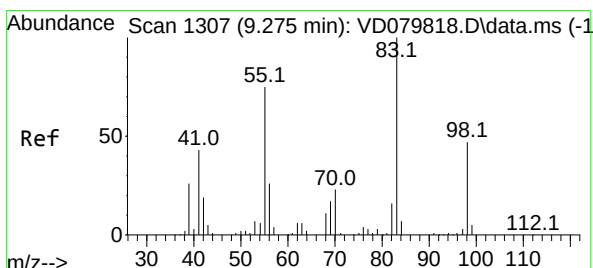
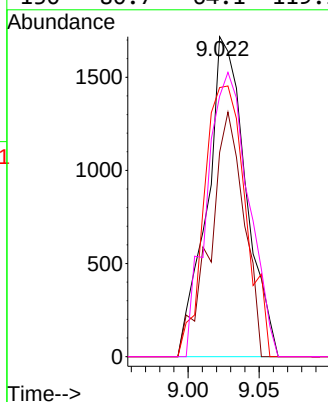
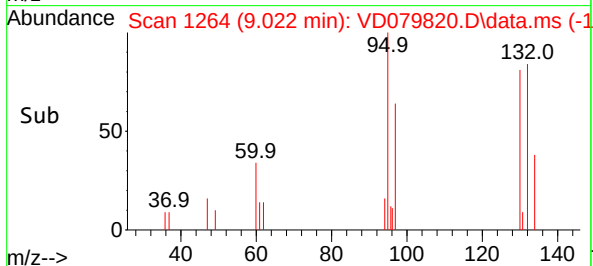
132 74.9 64.5 119.7

130 80.7 64.1 119.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#35

Methylcyclohexane

Concen: 1.060 ug/L m

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD079820.D

Acq: 11 Sep 2024 12:18

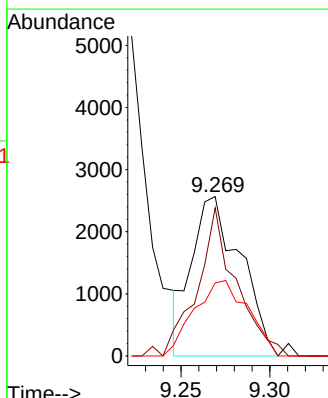
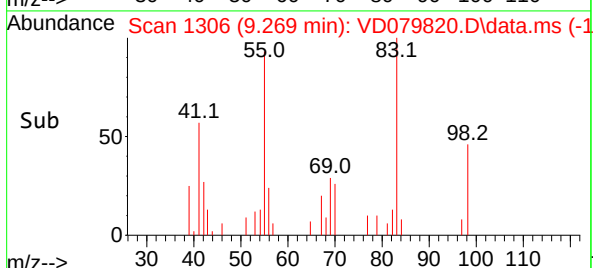
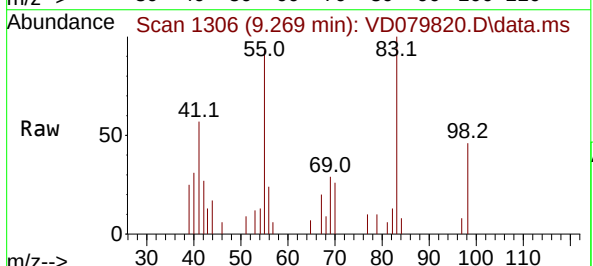
Tgt Ion: 83 Resp: 4885

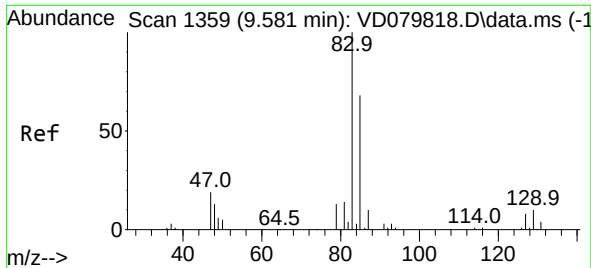
Ion Ratio Lower Upper

83 100

55 73.5 58.9 88.3

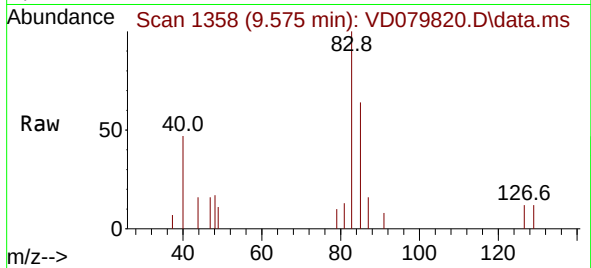
98 52.3 38.6 58.0





#38
Bromodichloromethane
Concen: 1.192 ug/L
RT: 9.575 min Scan# 1358
Delta R.T. -0.006 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

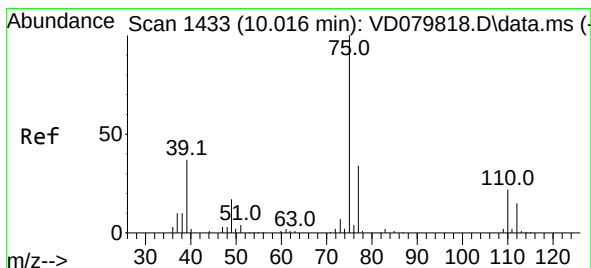
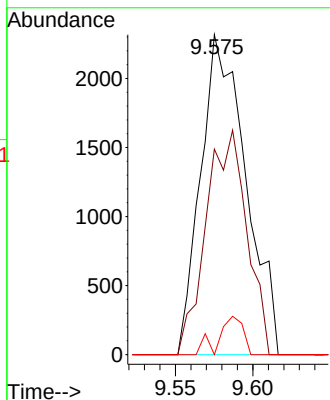
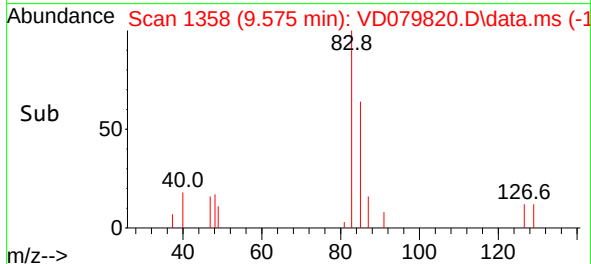
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT3-2024-05



Tgt Ion: 83 Resp: 4679
Ion Ratio Lower Upper
83 100
85 64.3 45.9 85.3
127 0.0 6.7 10.1

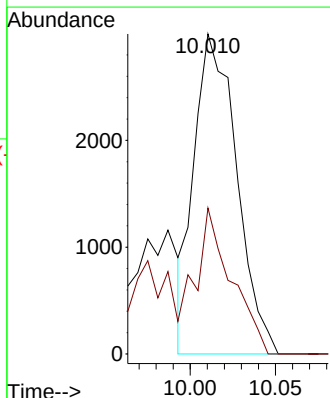
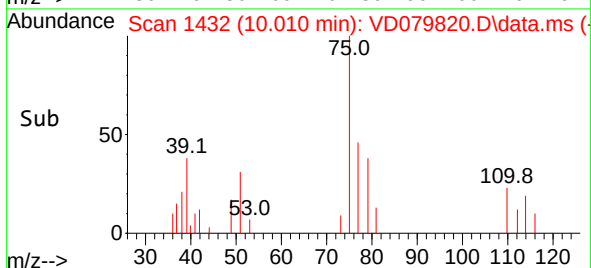
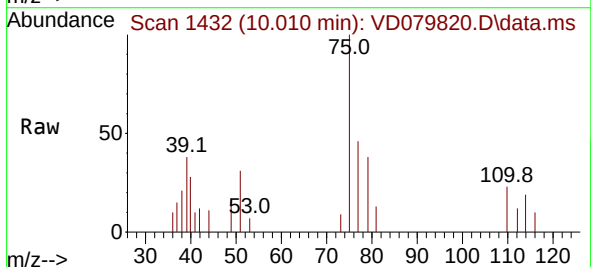
Manual Integrations
APPROVED

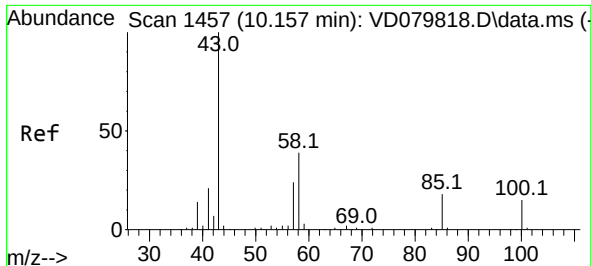
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#39
cis-1,3-Dichloropropene
Concen: 1.098 ug/L
RT: 10.010 min Scan# 1432
Delta R.T. -0.006 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

Tgt Ion: 75 Resp: 5198
Ion Ratio Lower Upper
75 100
77 45.6 24.1 44.8





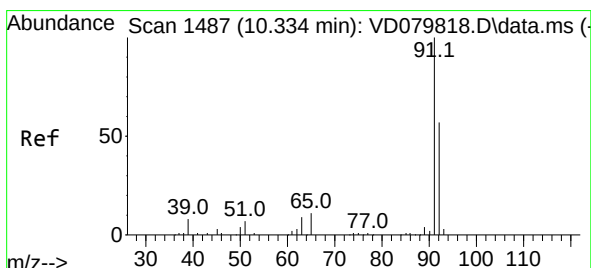
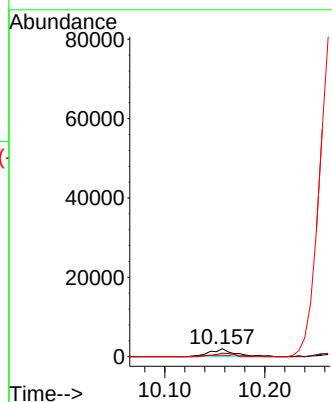
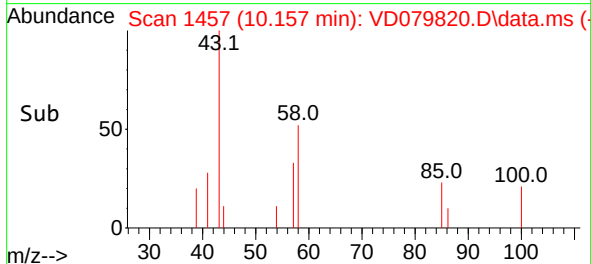
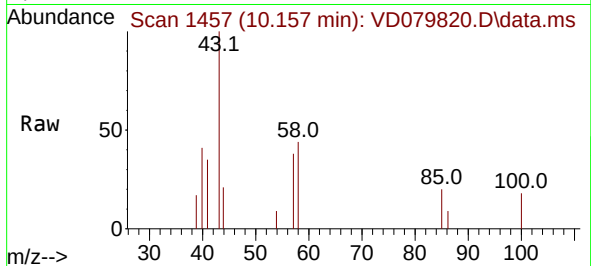
#40
4-Methyl-2-pentanone
Concen: 2.005 ug/L m
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT3-2024-05

Tgt Ion: 43 Resp: 353
Ion Ratio Lower Upper
43 100
58 40.3 31.1 46.7
100 5.1 11.8 17.6

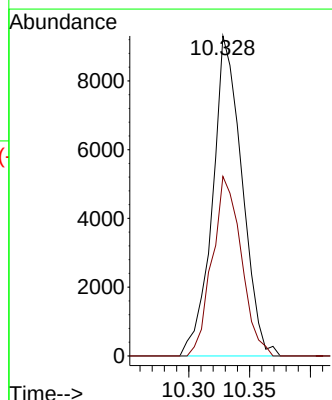
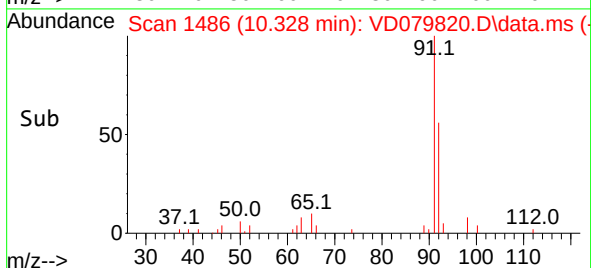
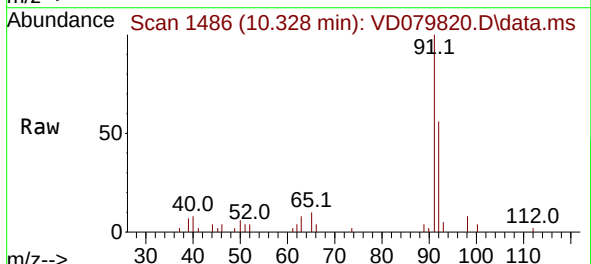
Manual Integrations
APPROVED

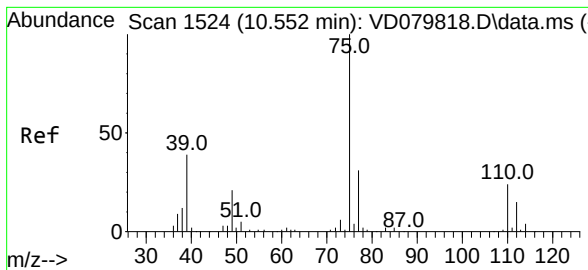
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#42
Toluene
Concen: 1.204 ug/L
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

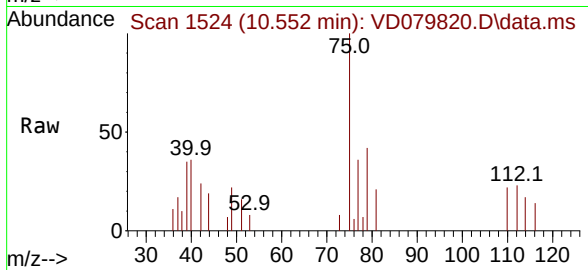
Tgt Ion: 91 Resp: 15672
Ion Ratio Lower Upper
91 100
92 56.1 38.6 71.8





#44
trans-1,3-Dichloropropene
Concen: 1.132 ug/L m
RT: 10.552 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

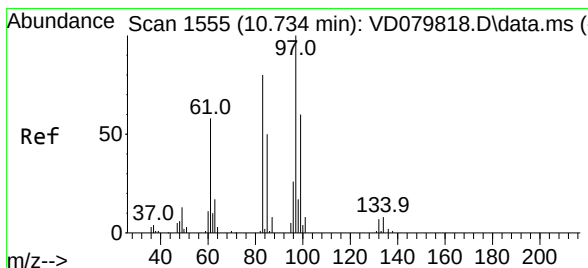
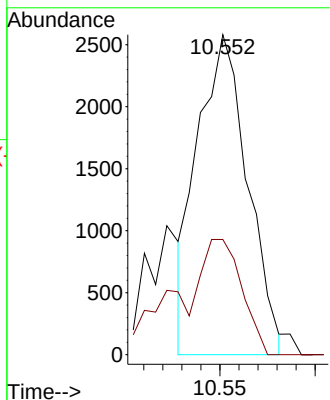
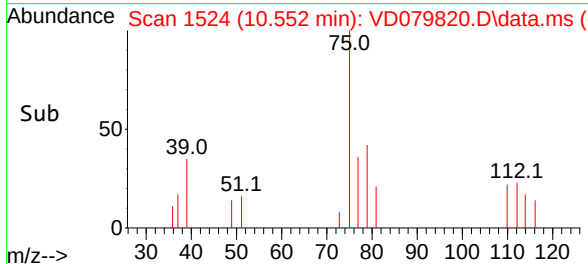
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-05



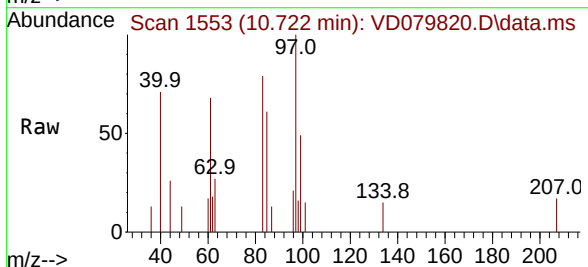
Tgt Ion: 75 Resp: 472
Ion Ratio Lower Upper
75 100
77 36.0 21.8 40.4

Manual Integrations
APPROVED

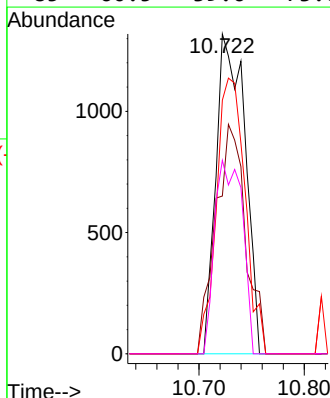
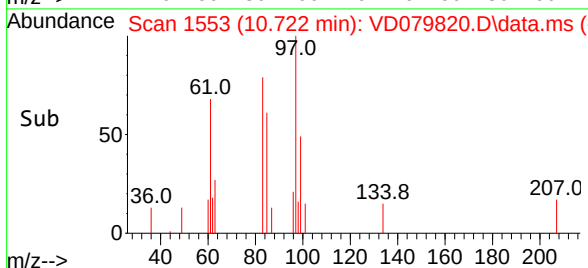
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

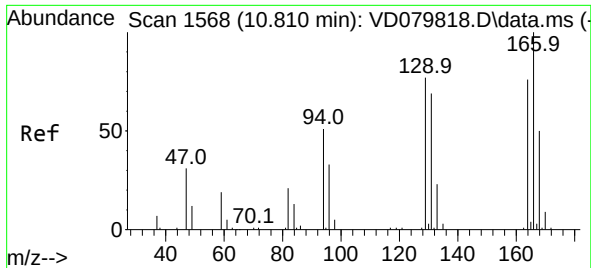


#45
1,1,2-Trichloroethane
Concen: 1.087 ug/L m
RT: 10.722 min Scan# 1553
Delta R.T. -0.012 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18



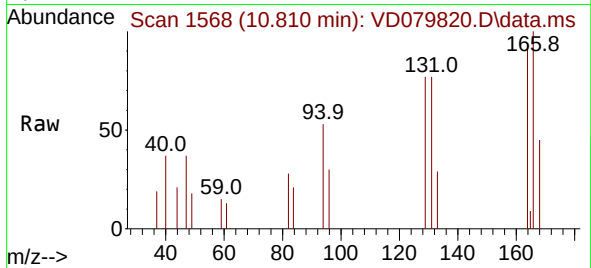
Tgt Ion: 97 Resp: 2504
Ion Ratio Lower Upper
97 100
99 49.4 45.1 83.7
83 79.3 65.2 121.0
85 60.5 39.6 73.6





#46
Tetrachloroethene
Concen: 1.285 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

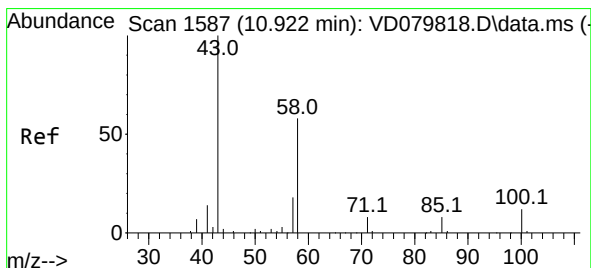
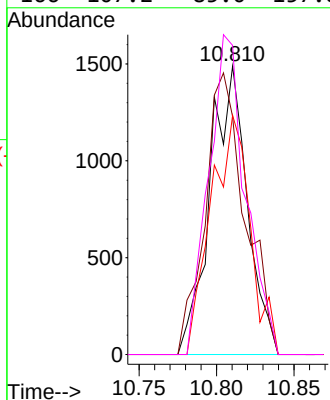
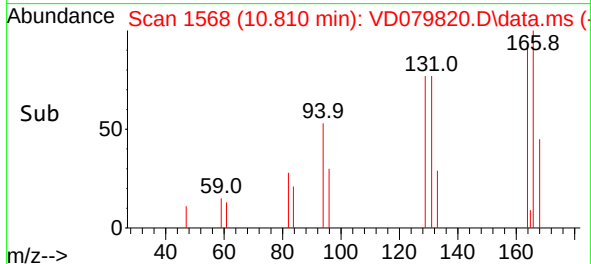
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT3-2024-05



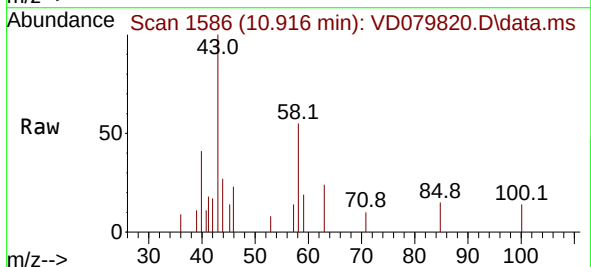
Tgt Ion:	164	Resp:	249
Ion Ratio	Lower	Upper	
164	100		
129	82.5	68.7	127.5
131	82.9	62.5	116.1
166	107.2	85.0	157.8

Manual Integrations
APPROVED

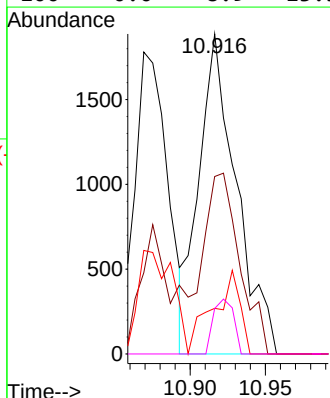
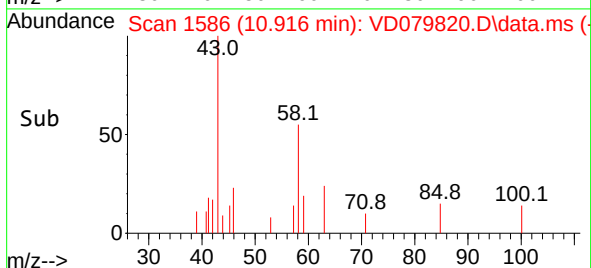
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

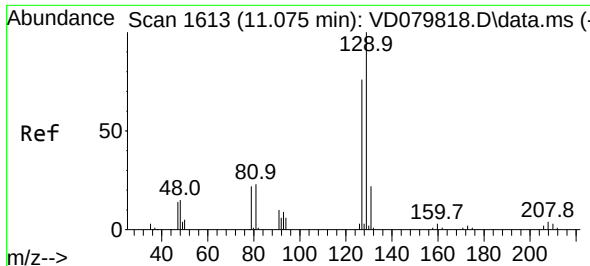


#48
2-Hexanone
Concen: 2.280 ug/L m
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18



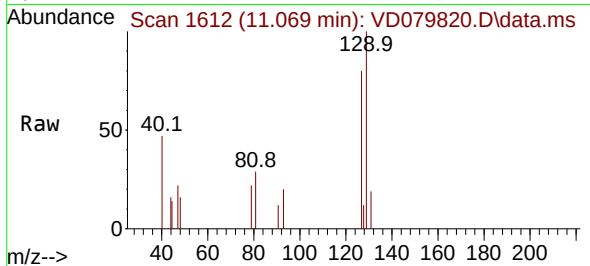
Tgt Ion:	43	Resp:	3272
Ion Ratio	Lower	Upper	
43	100		
58	0.0	44.7	67.1#
57	10.7	13.6	20.4#
100	0.0	8.9	13.3#





#49
Dibromochloromethane
Concen: 1.124 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

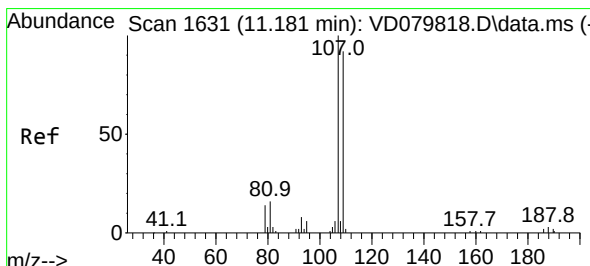
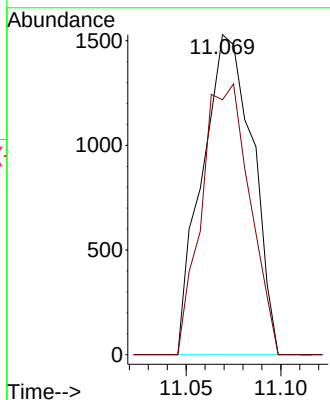
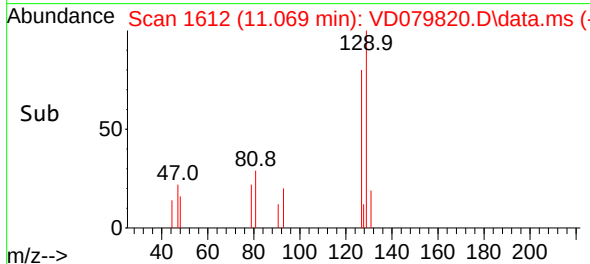
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT3-2024-05



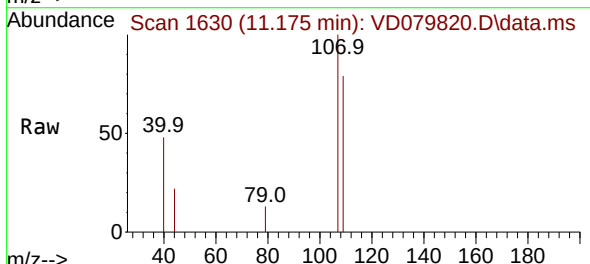
Tgt Ion:129 Resp: 2820
Ion Ratio Lower Upper
129 100
127 91.7 55.2 102.6

Manual Integrations
APPROVED

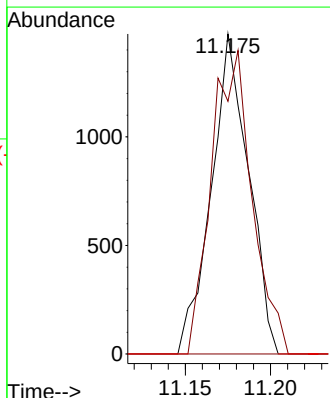
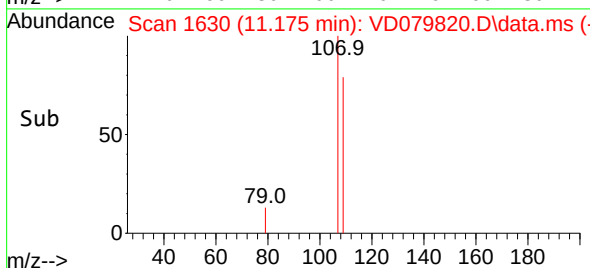
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

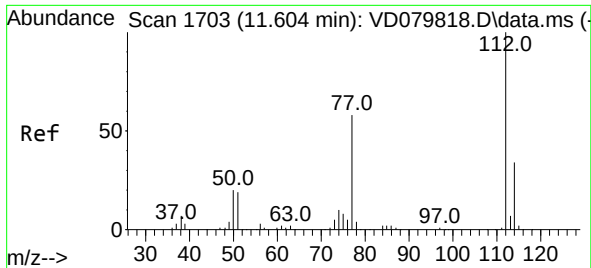


#50
1,2-Dibromoethane
Concen: 1.128 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18



Tgt Ion:107 Resp: 2244
Ion Ratio Lower Upper
107 100
109 79.0 61.5 114.1
188 0.0 2.3 3.5#





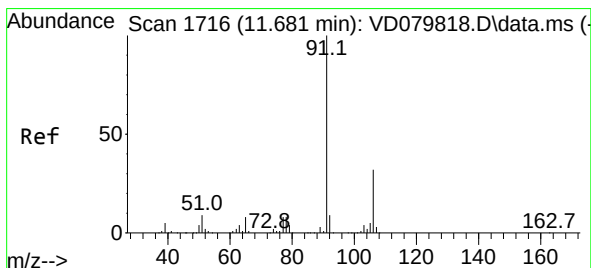
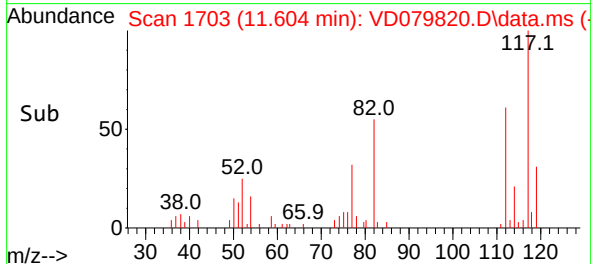
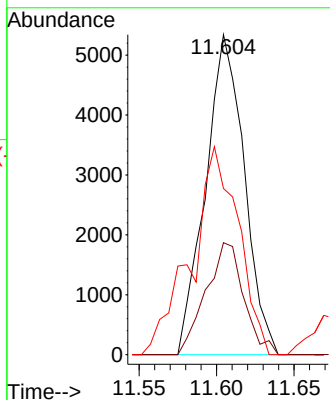
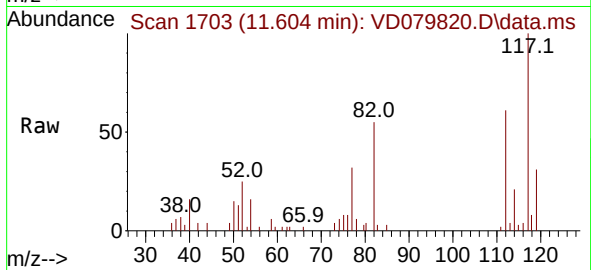
#51
Chlorobenzene
Concen: 1.188 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-05

Tgt Ion	Ratio	Lower	Upper
112	100		
114	35.0	22.0	41.0
77	52.0	46.7	70.1

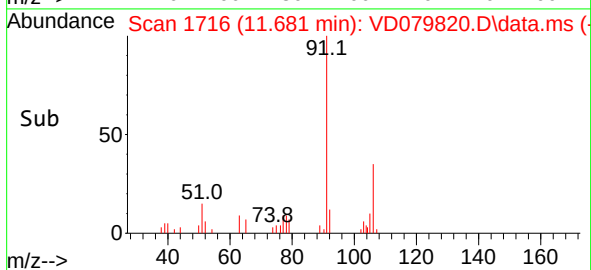
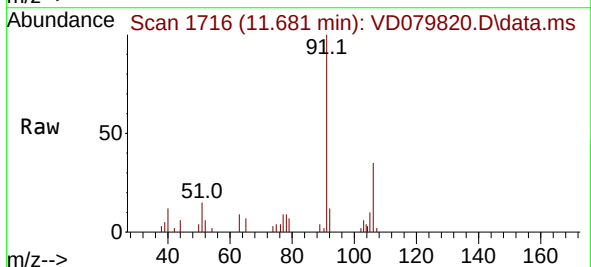
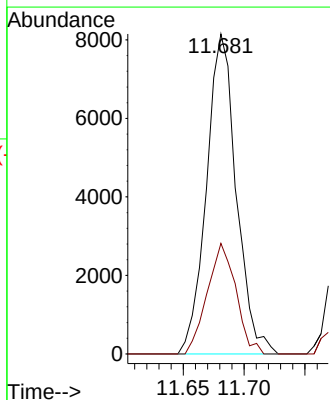
Manual Integrations
APPROVED

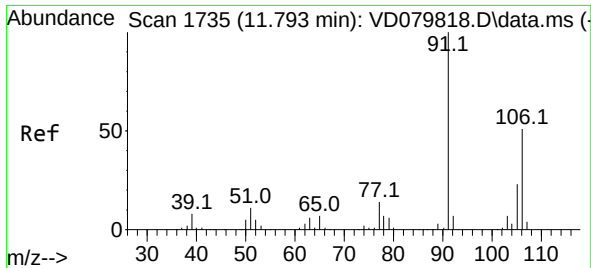
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#52
Ethylbenzene
Concen: 1.017 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

Tgt Ion	Ratio	Lower	Upper
91	100		
106	34.6	21.3	39.5





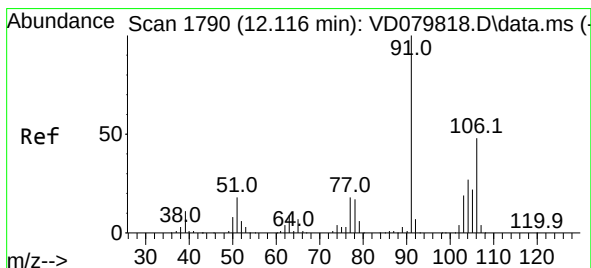
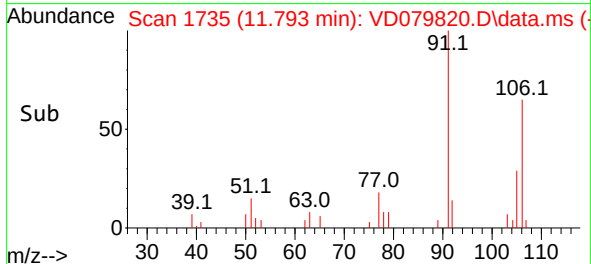
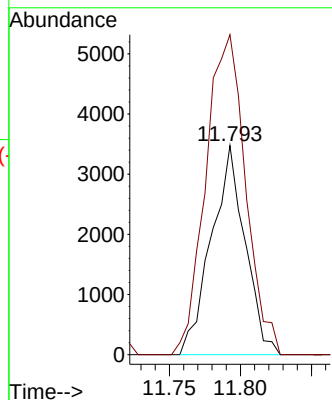
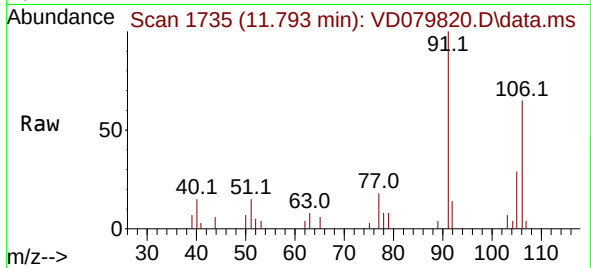
#53
m,p-Xylene
Concen: 1.108 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-05

Tgt Ion:106 Resp: 5738
Ion Ratio Lower Upper
106 100
91 153.0 138.3 256.9

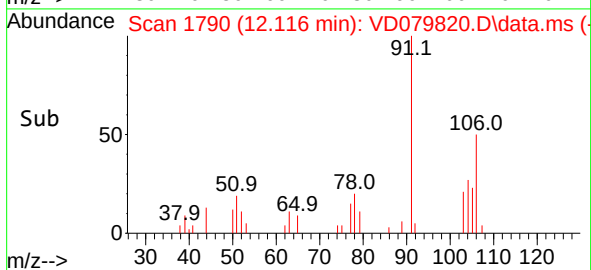
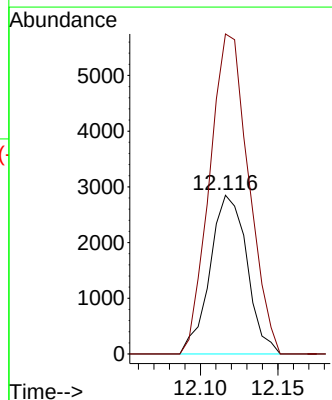
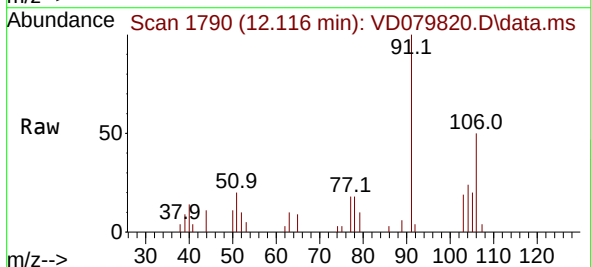
Manual Integrations
APPROVED

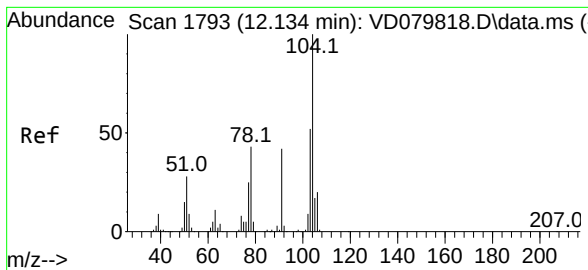
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#54
o-Xylene
Concen: 0.931 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

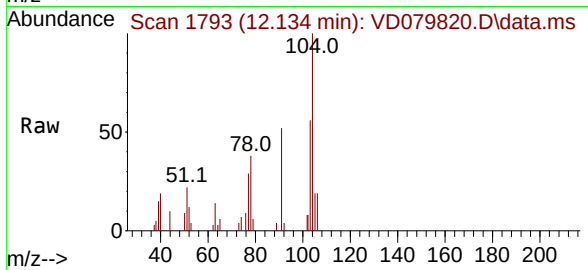
Tgt Ion:106 Resp: 4729
Ion Ratio Lower Upper
106 100
91 201.5 152.6 283.4





#55
Styrene
Concen: 0.929 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

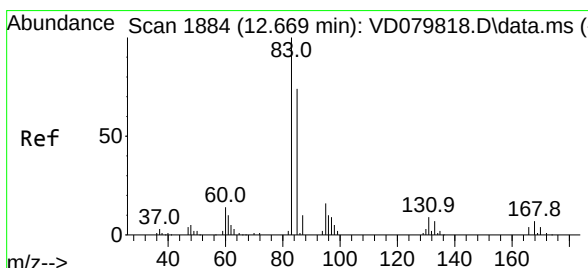
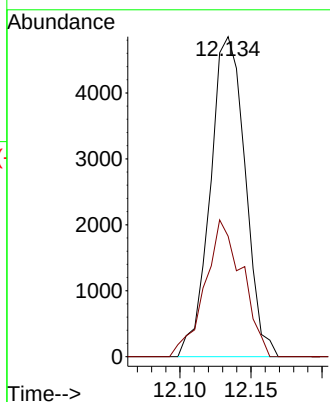
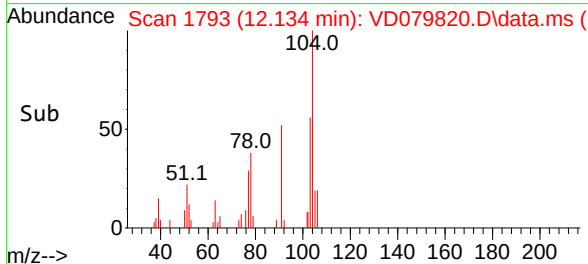
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion:104 Resp: 8294
Ion Ratio Lower Upper
104 100
78 37.6 30.7 57.1

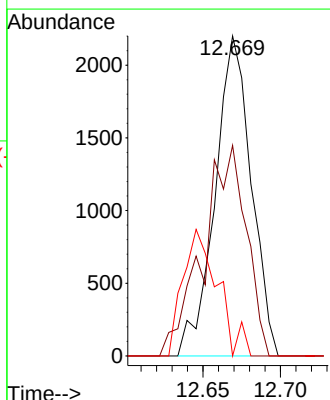
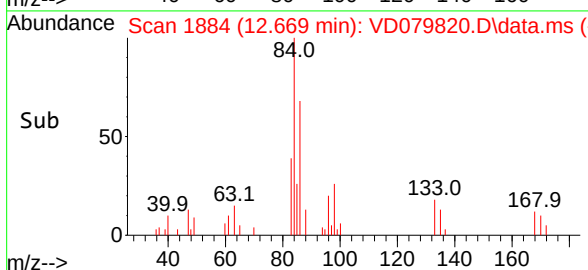
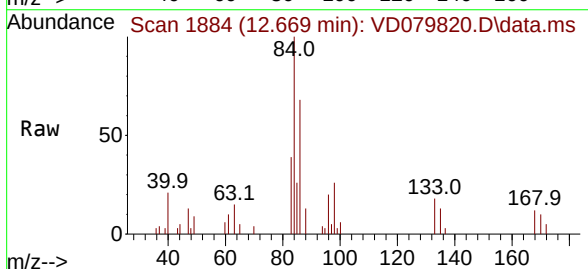
Manual Integrations
APPROVED

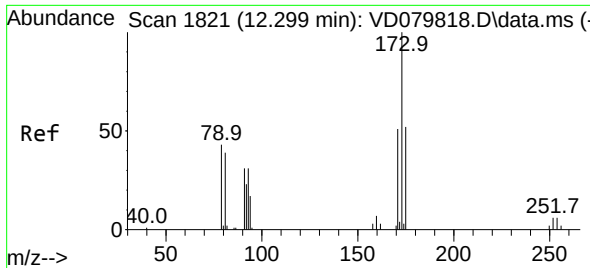
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#57
1,1,2,2-Tetrachloroethane
Concen: 1.322 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

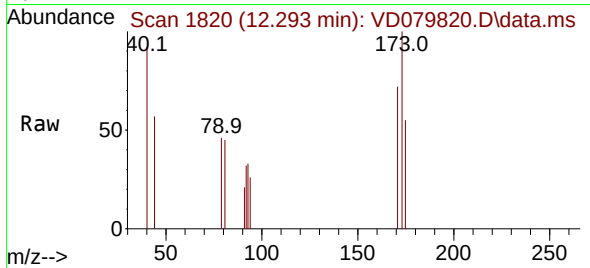
Tgt Ion: 83 Resp: 3569
Ion Ratio Lower Upper
83 100
85 65.8 46.8 87.0
131 0.0 6.5 9.7#





#59
Bromoform
Concen: 1.312 ug/L m
RT: 12.293 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

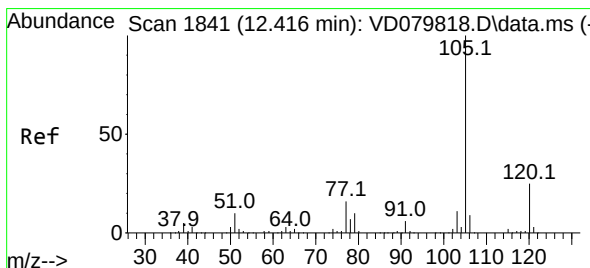
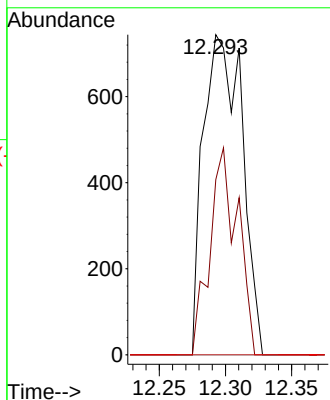
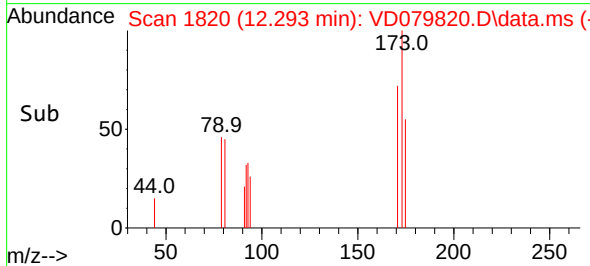
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-05



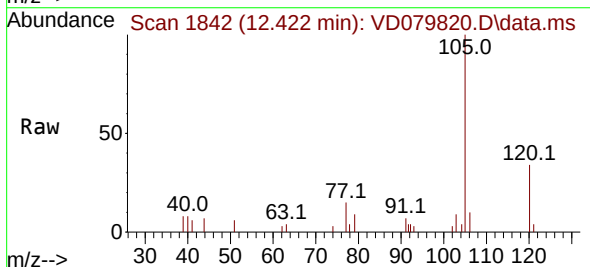
Tgt Ion:173 Resp: 1514
Ion Ratio Lower Upper
173 100
175 46.7 39.2 58.8
254 0.0 5.5 8.3

Manual Integrations
APPROVED

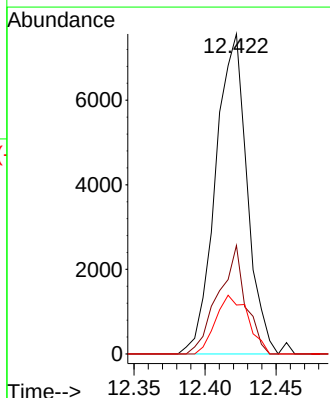
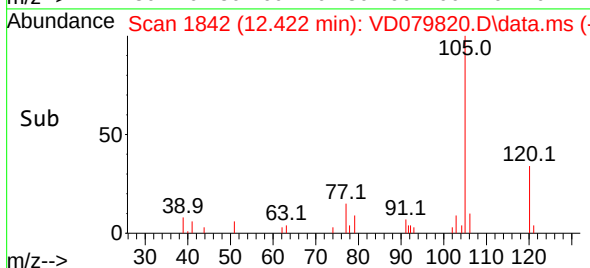
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

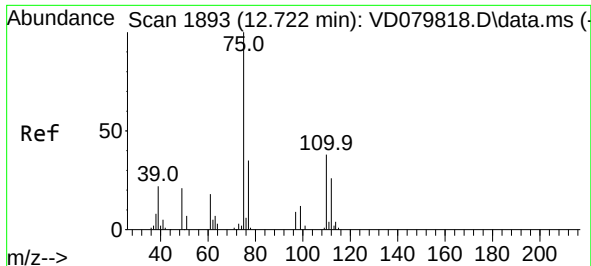


#60
Isopropylbenzene
Concen: 1.011 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18



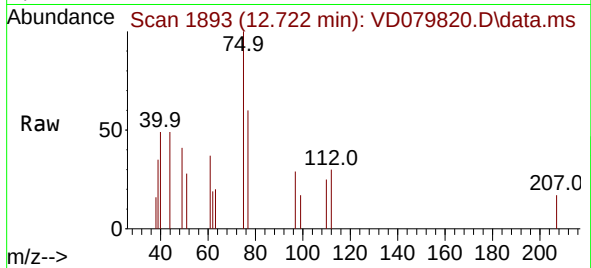
Tgt Ion:105 Resp: 11670
Ion Ratio Lower Upper
105 100
120 29.5 20.9 31.3
77 18.9 12.6 19.0





#61
1,2,3-Trichloropropane
Concen: 1.087 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

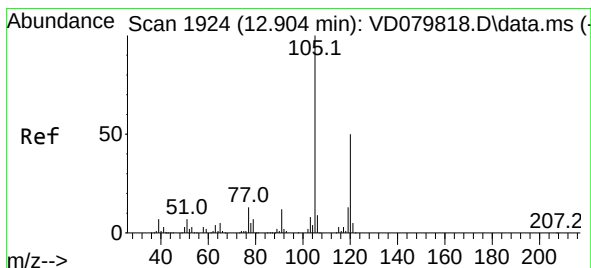
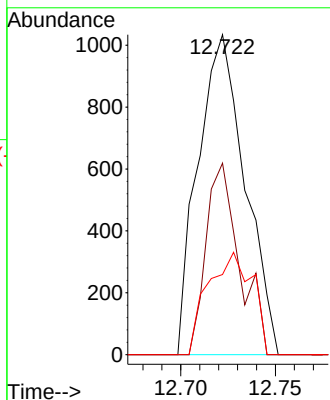
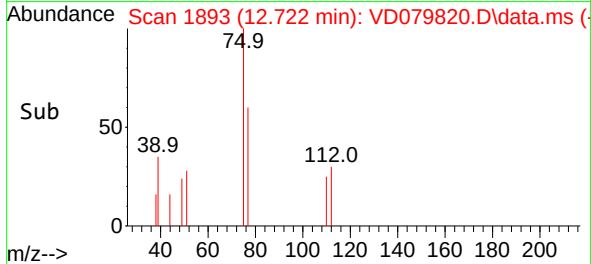
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion: 75 Resp: 1780
Ion Ratio Lower Upper
75 100
77 42.7 25.1 37.7
110 30.2 30.1 45.1

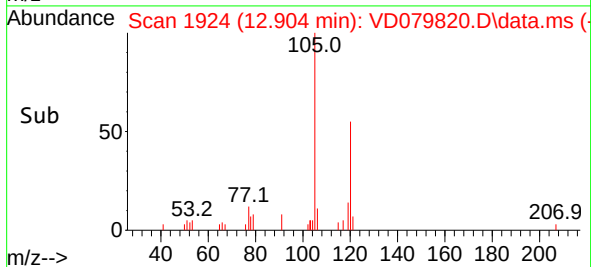
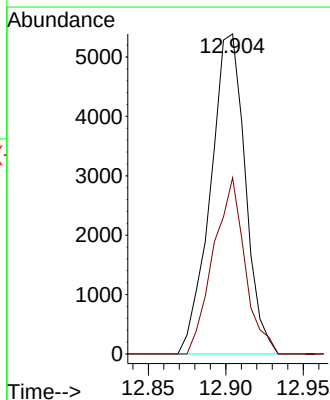
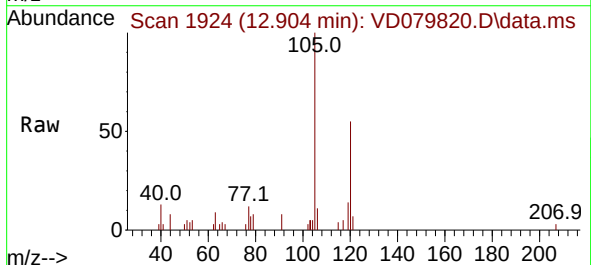
Manual Integrations
APPROVED

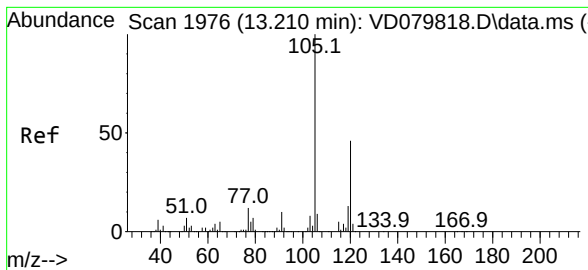
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#62
1,3,5-Trimethylbenzene
Concen: 0.996 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

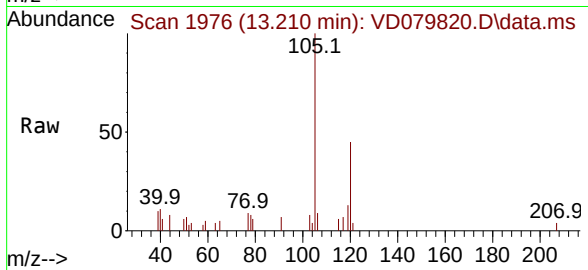
Tgt Ion:105 Resp: 8404
Ion Ratio Lower Upper
105 100
120 50.1 38.3 57.5





#63
1,2,4-Trimethylbenzene
Concen: 1.014 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

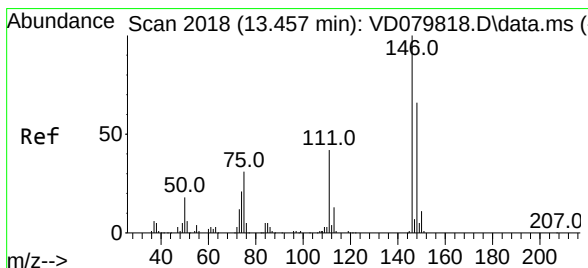
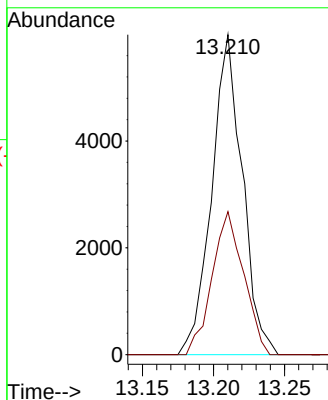
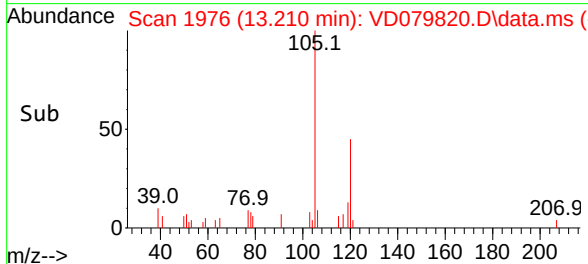
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT3-2024-05



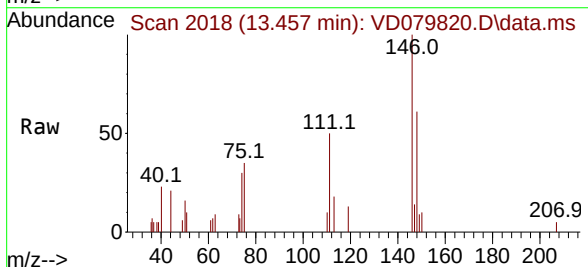
Tgt Ion:105 Resp: 8970
Ion Ratio Lower Upper
105 100
120 46.1 36.3 54.5

Manual Integrations
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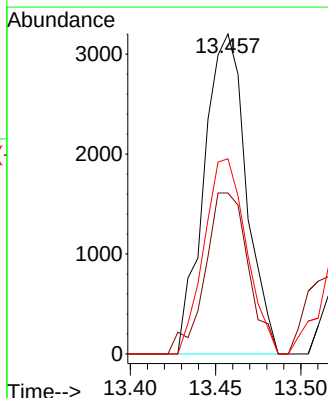
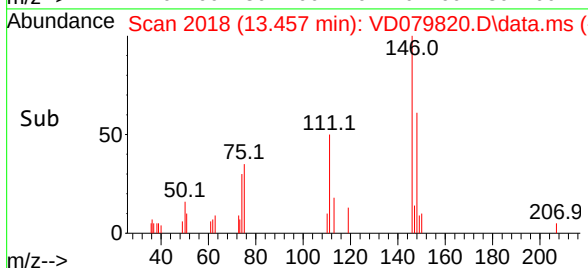
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

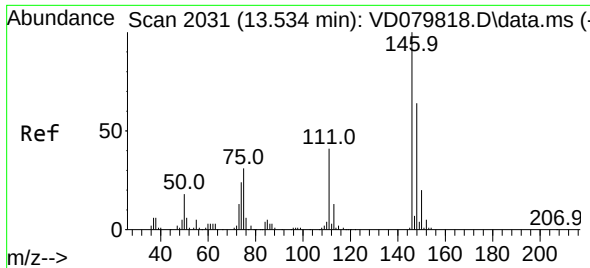


#64
1,3-Dichlorobenzene
Concen: 1.157 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18



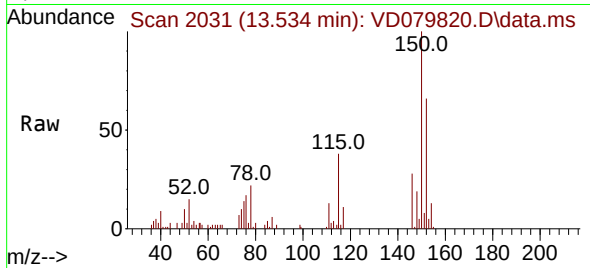
Tgt Ion:146 Resp: 5520
Ion Ratio Lower Upper
146 100
111 50.3 27.4 50.8
148 61.0 45.6 84.8





#65
1,4-Dichlorobenzene
Concen: 1.307 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

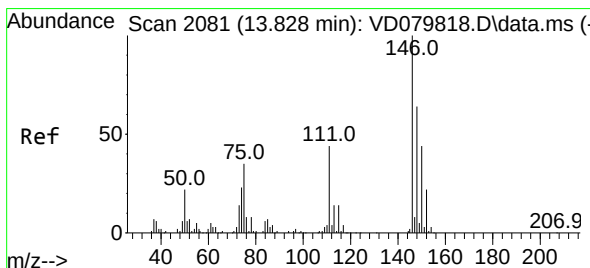
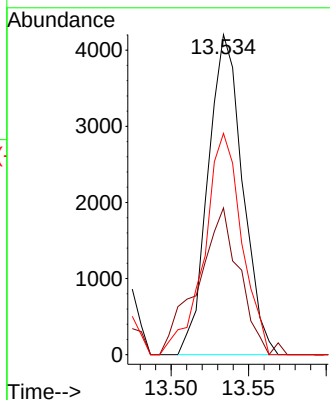
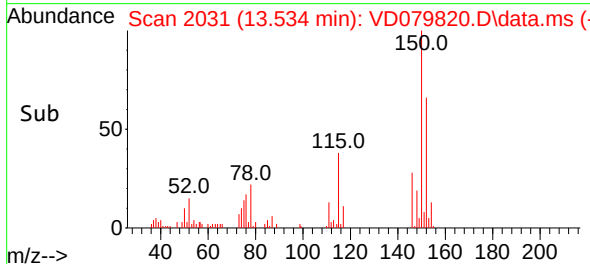
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-05



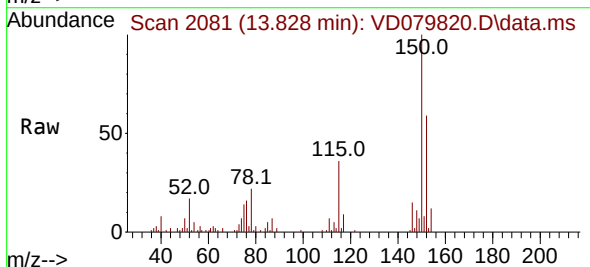
Tgt Ion:146 Resp: 653
Ion Ratio Lower Upper
146 100
111 45.9 27.6 51.4
148 69.1 46.1 85.7

Manual Integrations
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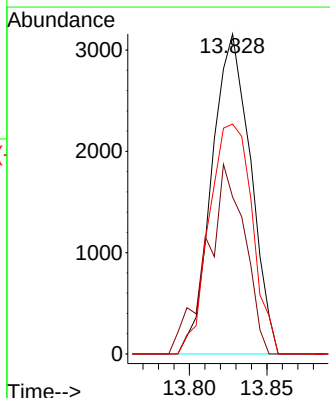
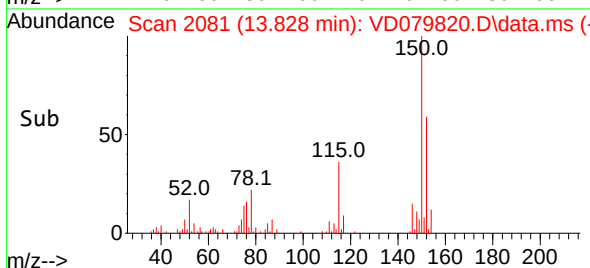
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

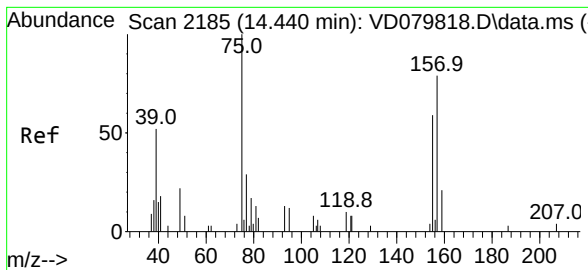


#67
1,2-Dichlorobenzene
Concen: 1.271 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18



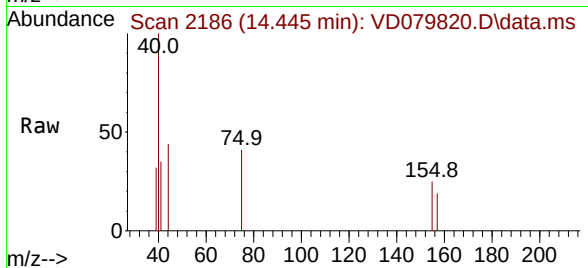
Tgt Ion:146 Resp: 5478
Ion Ratio Lower Upper
146 100
111 49.1 36.9 55.3
148 71.8 51.8 77.8





#68
1,2-Dibromo-3-chloropropane
Concen: 1.737 ug/L m
RT: 14.445 min Scan# 2185
Delta R.T. 0.006 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

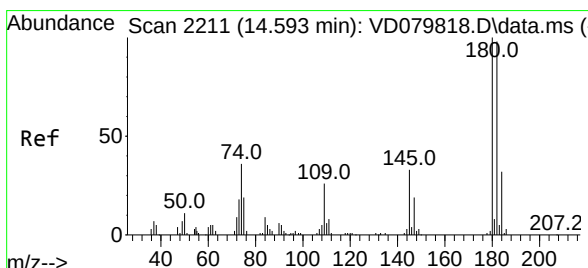
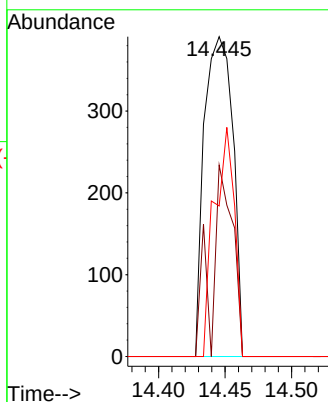
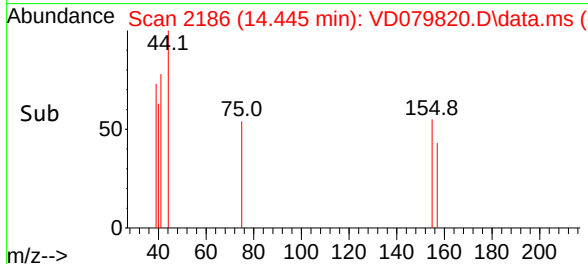
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-05



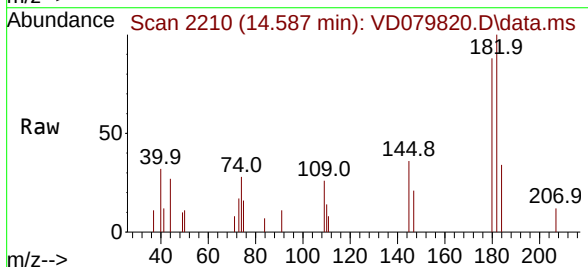
Tgt Ion: 75 Resp: 584
Ion Ratio Lower Upper
75 100
155 59.8 57.2 85.8
157 47.1 59.7 89.5

Manual Integrations
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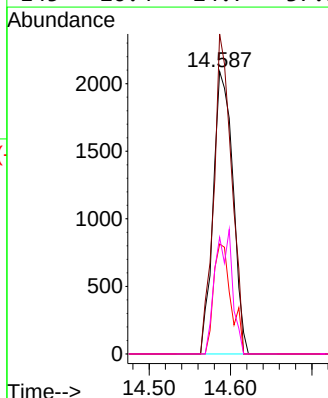
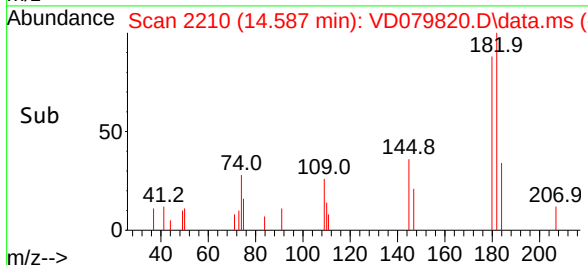
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

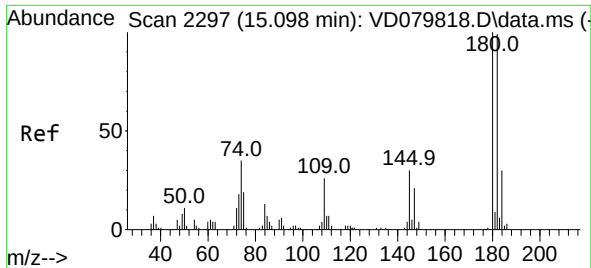


#69
1,3,5-Trichlorobenzene
Concen: 1.214 ug/L m
RT: 14.587 min Scan# 2210
Delta R.T. -0.006 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18



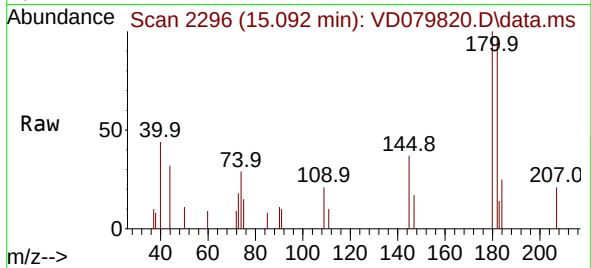
Tgt Ion:180 Resp: 3509
Ion Ratio Lower Upper
180 100
182 88.5 72.6 109.0
184 21.2 24.2 36.2#
145 26.4 24.7 37.1





#70
1,2,4-trichlorobenzene
Concen: 1.213 ug/L
RT: 15.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

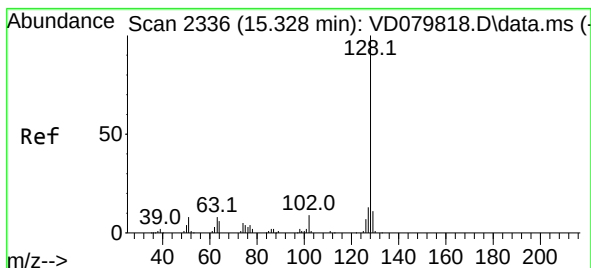
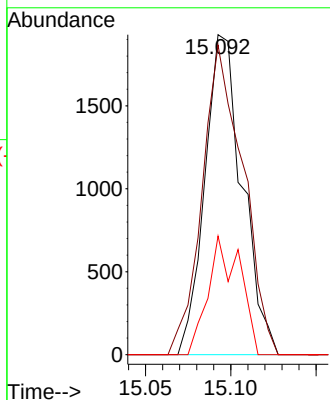
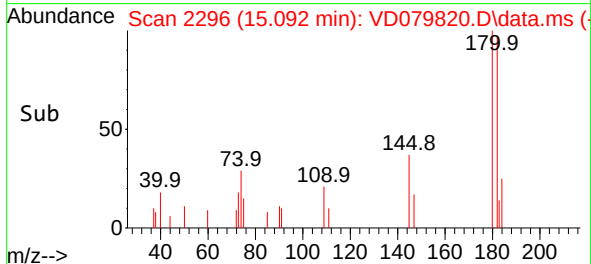
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion:180 Resp: 2954
Ion Ratio Lower Upper
180 100
182 105.1 75.9 113.9
145 31.4 26.6 40.0

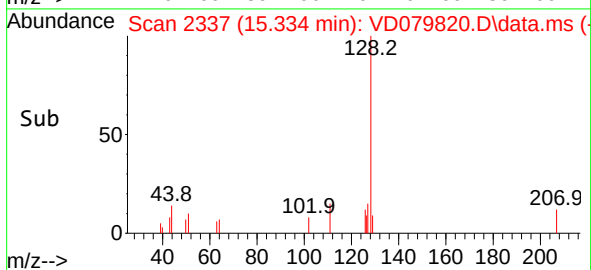
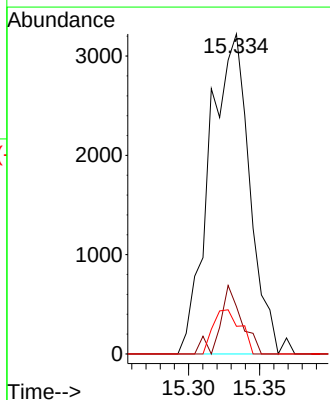
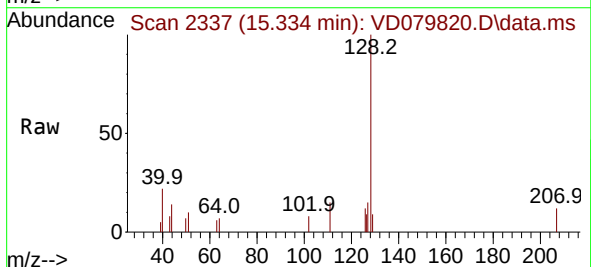
Manual Integrations
APPROVED

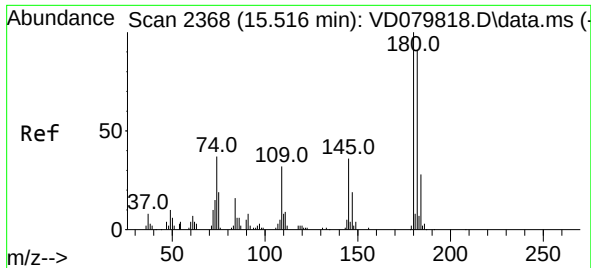
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#71
Naphthalene
Concen: 1.162 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD079820.D
Acq: 11 Sep 2024 12:18

Tgt Ion:128 Resp: 6320
Ion Ratio Lower Upper
128 100
127 10.4 11.2 16.8#
129 9.4 8.6 13.0





#72

1,2,3-Trichlorobenzene

Concen: 1.086 ug/L

RT: 15.522 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD079820.D

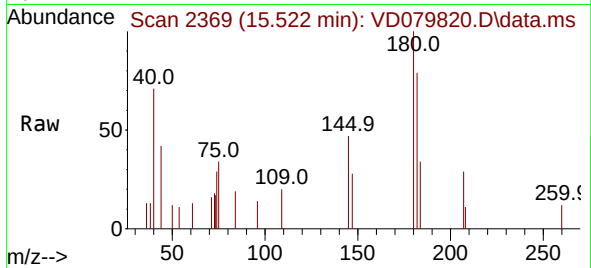
Acq: 11 Sep 2024 12:18

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-QT3-2024-05



Tgt Ion:180 Resp: 236

Ion Ratio Lower Upper

180 100

182 0.0 74.1 111.1

145 16.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024

Supervised By :Semsettin Yesilyurt 09/12/2024

