

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051724\
 Data File : VD078965.D
 Acq On : 17 May 2024 16:59
 Operator : RP/MD
 Sample : P2409-03
 Misc : 5.00G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-QT2-2024-03

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: May 18 01:16:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 18 00:53:45 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							05/20/2024
1) 1,4-Difluorobenzene	8.775	114	143804	25.000	ug/L	0.00	Supervised By :Semsettin Besilyurt
28) Chlorobenzene-d5	11.581	117	155353	25.000	ug/L	0.00	
58) 1,4-Dichlorobenzene-d4	13.516	152	68851	25.000	ug/L	0.00	
System Monitoring Compounds							05/20/2024
4) Vinyl Chloride-d3	2.275	65	75550	21.431	ug/L	0.00	
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.720%	
7) Chloroethane-d5	2.799	69	87480	23.182	ug/L	0.00	
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.720%	
11) 1,1-Dichloroethene-d2	3.922	65	13135m	19.101	ug/L	0.00	
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.400%	
21) 2-Butanone-d5	6.993	46	21696	43.481	ug/L	0.00	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.960%	
24) Chloroform-d	7.569	84	89470	20.899	ug/L	0.00	
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.600%	
26) 1,2-Dichloroethane-d4	8.228	65	45087	22.177	ug/L	0.00	
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.720%	
32) Benzene-d6	8.198	84	165866	20.925	ug/L	0.00	
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.680%	
36) 1,2-Dichloropropane-d6	9.204	67	52434	21.709	ug/L	0.00	
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.840%	
41) Toluene-d8	10.269	98	145185	19.870	ug/L	0.00	
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.480%	
43) trans-1,3-Dichloroprop...	10.522	79	22206	19.959	ug/L	0.00	
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.840%	
47) 2-Hexanone-d5	10.875	63	18592	38.408	ug/L	0.00	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.820%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	56646	20.617	ug/L	0.00	
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.480%	
66) 1,2-Dichlorobenzene-d4	13.816	152	52646	22.528	ug/L	0.00	
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.120%	
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	3493	1.214	ug/L	98	
3) Chloromethane	2.152	50	5343	1.513	ug/L	88	
5) Vinyl chloride	2.287	62	6666	1.154	ug/L	86	
6) Bromomethane	2.693	94	5765	1.396	ug/L	94	
8) Chloroethane	2.834	64	5492	1.231	ug/L #	82	
9) Trichlorofluoromethane	3.169	101	4479	0.994	ug/L	84	
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	3205m	1.122	ug/L		
12) 1,1-Dichloroethene	3.934	96	2977m	1.197	ug/L		
13) Acetone	4.040	43	1278m	2.120	ug/L		
14) Carbon disulfide	4.275	76	8855	1.229	ug/L #	89	
15) Methyl Acetate	4.581	43	889m	0.908	ug/L		
16) Methylene chloride	4.804	84	12102	3.553	ug/L	87	
17) trans-1,2-Dichloroethene	5.304	96	2745m	1.084	ug/L		
18) Methyl tert-butyl Ether	5.304	73	5128m	0.951	ug/L		
19) 1,1-Dichloroethane	6.110	63	4746m	1.116	ug/L		
20) cis-1,2-Dichloroethene	7.081	96	3231m	1.119	ug/L		
22) 2-Butanone	7.063	43	1725m	2.489	ug/L		
23) Bromochloromethane	7.434	128	1757m	1.218	ug/L		
25) Chloroform	7.598	83	7508	1.469	ug/L	94	

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Quant Time: May 18 01:16:09 2024
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 Quant Title : SFAM01.0
 QLast Update : Sat May 18 00:53:45 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	8.328	62	3667	1.239	ug/L #	92	05/20/2024
29) Cyclohexane	7.881	56	2896m	0.970	ug/L		Supervised By :Semsettin Yesilyurt
30) 1,1,1-Trichloroethane	7.793	97	4473	1.041	ug/L #	82	
31) Carbon tetrachloride	7.993	117	4119m	1.041	ug/L		
33) Benzene	8.251	78	11983	1.125	ug/L	100	
34) Trichloroethene	9.022	95	3024	1.102	ug/L	88	
35) Methylcyclohexane	9.269	83	4248	1.030	ug/L	94	05/20/2024
38) Bromodichloromethane	9.581	83	3997m	1.047	ug/L		
39) cis-1,3-Dichloropropene	10.022	75	4047	0.956	ug/L	98	
40) 4-Methyl-2-pentanone	10.157	43	2343m	1.719	ug/L		
42) Toluene	10.334	91	12019	1.027	ug/L	95	
44) trans-1,3-Dichloropropene	10.551	75	3878	1.036	ug/L	93	
45) 1,1,2-Trichloroethane	10.722	97	2463m	0.998	ug/L		
46) Tetrachloroethene	10.810	164	2090	0.885	ug/L	93	
48) 2-Hexanone	10.916	43	2231	2.111	ug/L #	53	
49) Dibromochloromethane	11.075	129	2717	0.906	ug/L	96	
50) 1,2-Dibromoethane	11.175	107	2406	1.032	ug/L #	79	
51) Chlorobenzene	11.604	112	8747	1.058	ug/L	99	
52) Ethylbenzene	11.681	91	11631	0.920	ug/L	97	
53) m,p-Xylene	11.786	106	4765	0.943	ug/L	99	
54) o-Xylene	12.116	106	4029	0.818	ug/L	95	
55) Styrene	12.128	104	6891	0.792	ug/L	88	
57) 1,1,2,2-Tetrachloroethane	12.675	83	3514	1.174	ug/L #	91	
59) Bromoform	12.298	173	1966	1.262	ug/L #	74	
60) Isopropylbenzene	12.422	105	9453	0.929	ug/L	92	
61) 1,2,3-Trichloropropane	12.716	75	1845	1.169	ug/L #	80	
62) 1,3,5-Trimethylbenzene	12.898	105	6602	0.877	ug/L	94	
63) 1,2,4-Trimethylbenzene	13.210	105	7740	1.012	ug/L	91	
64) 1,3-Dichlorobenzene	13.457	146	5731	1.159	ug/L	91	
65) 1,4-Dichlorobenzene	13.539	146	6576	1.234	ug/L	89	
67) 1,2-Dichlorobenzene	13.833	146	6185	1.322	ug/L	90	
68) 1,2-Dibromo-3-chloropr...	14.439	75	380m	1.156	ug/L		
69) 1,3,5-Trichlorobenzene	14.592	180	3442m	1.072	ug/L		
70) 1,2,4-trichlorobenzene	15.098	180	3030	1.115	ug/L #	91	
71) Naphthalene	15.327	128	5901	1.064	ug/L #	89	
72) 1,2,3-Trichlorobenzene	15.522	180	2602	1.024	ug/L	94	

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

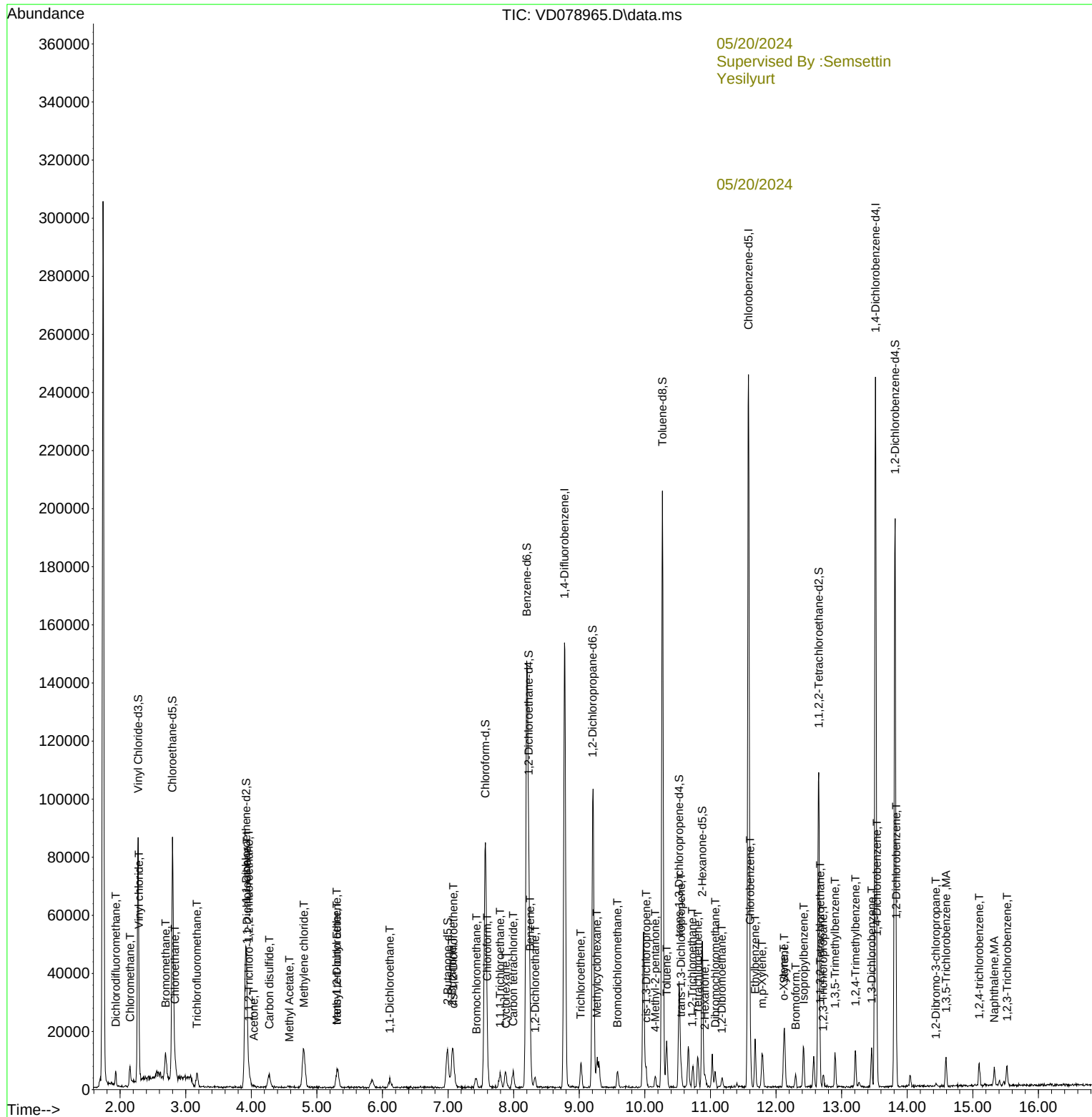
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Data File : VD078965.D
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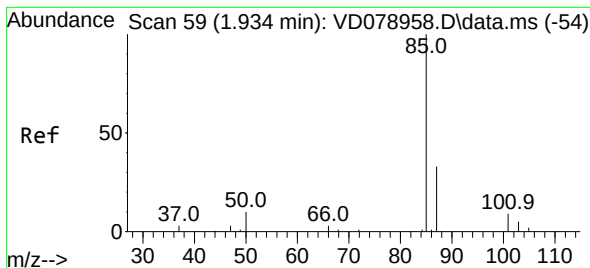
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT2-2024-03

Quant Time: May 18 01:16:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
Quant Title : SFAM01.0
QLast Update : Sat May 18 00:53:45 2024
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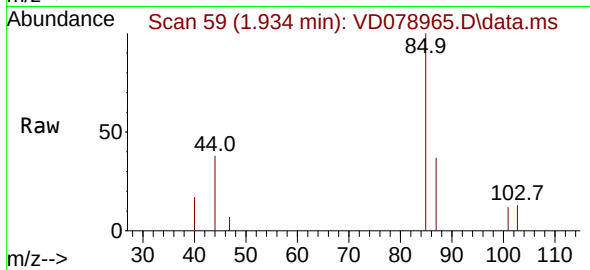
Reviewed By :Mahesh
Dadoda





#2
Dichlorodifluoromethane
Concen: 1.214 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

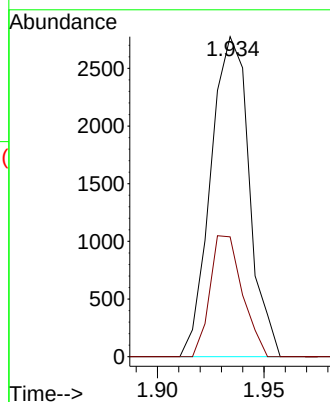
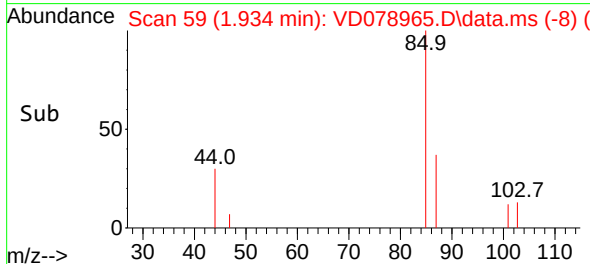
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT2-2024-03



Tgt Ion: 85 Resp: 349
Ion Ratio Lower Upper
85 100
87 31.7 26.3 39.5

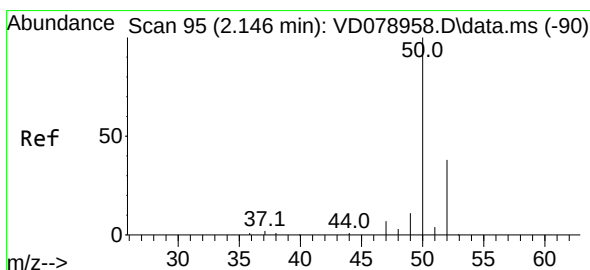
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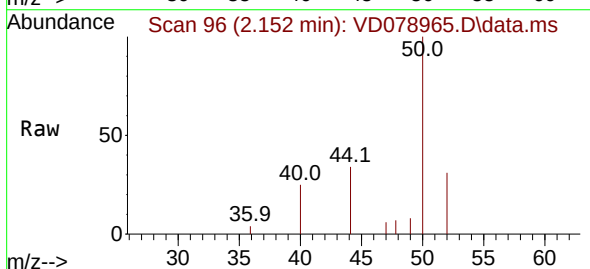


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Yesilyurt

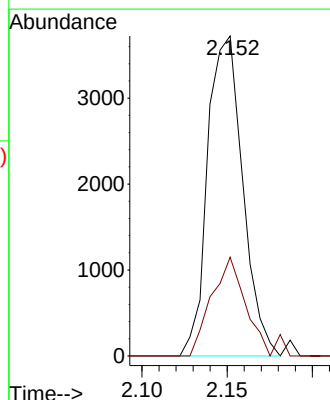
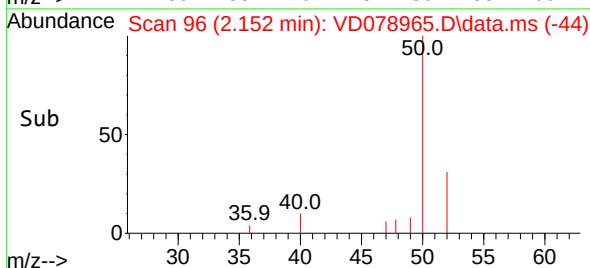
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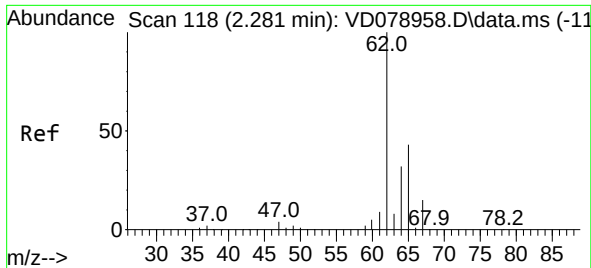


#3
Chloromethane
Concen: 1.513 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59



Tgt Ion: 50 Resp: 5343
Ion Ratio Lower Upper
50 100
52 30.8 26.5 49.3





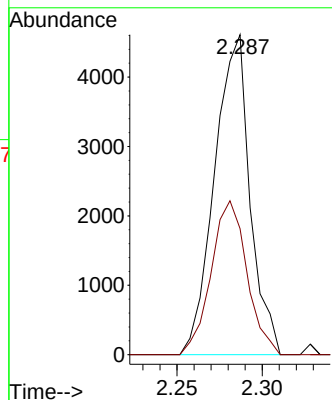
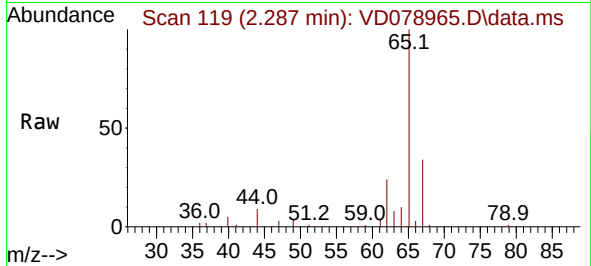
#5
 Vinyl chloride
 Concen: 1.154 ug/L
 RT: 2.287 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD078965.D
 Acq: 17 May 2024 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-QT2-2024-03

Tgt Ion: 62 Resp: 6660
 Ion Ratio Lower Upper
 62 100
 64 39.4 22.3 41.3

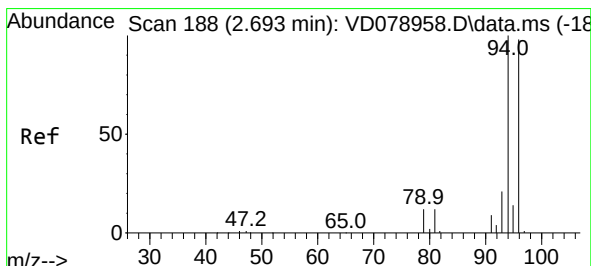
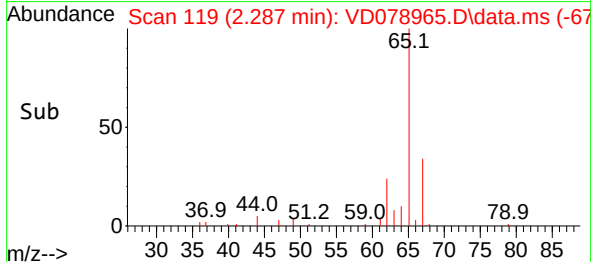
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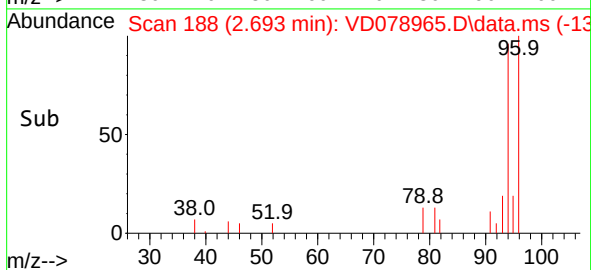
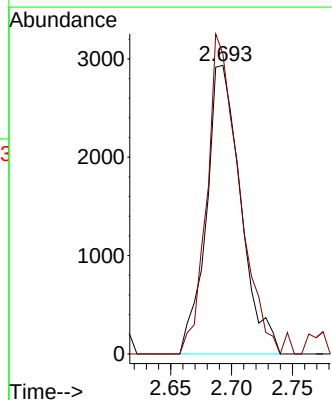
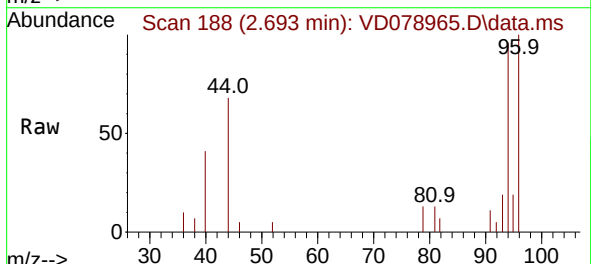
05/20/2024
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 Yesilyurt

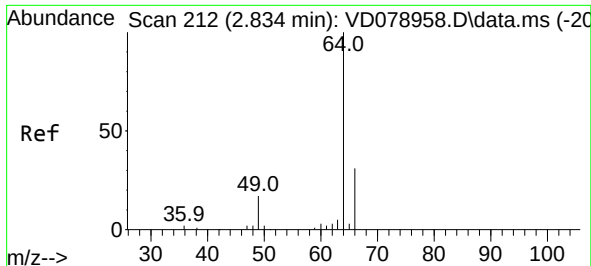
05/20/2024



#6
 Bromomethane
 Concen: 1.396 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD078965.D
 Acq: 17 May 2024 16:59

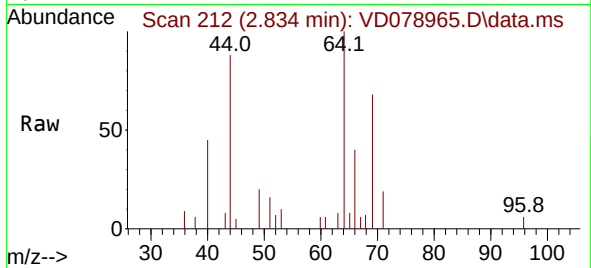
Tgt Ion: 94 Resp: 5765
 Ion Ratio Lower Upper
 94 100
 96 104.0 69.0 128.1





#8
Chloroethane
Concen: 1.231 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

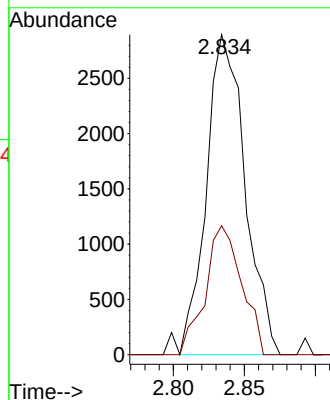
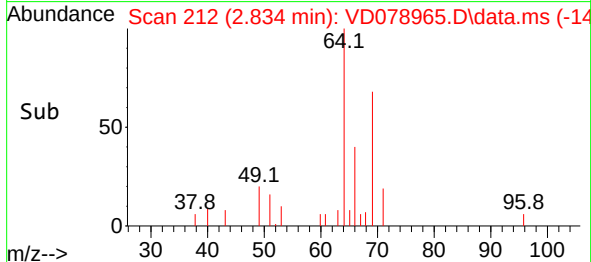
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT2-2024-03



Tgt Ion: 64 Resp: 5492
Ion Ratio Lower Upper
64 100
66 40.3 21.5 39.9

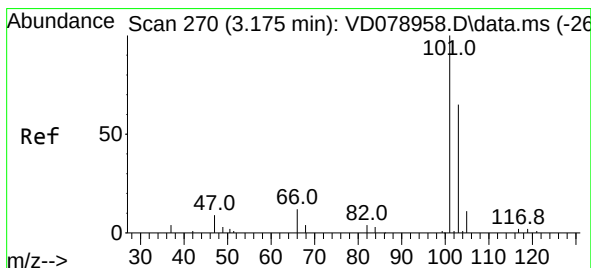
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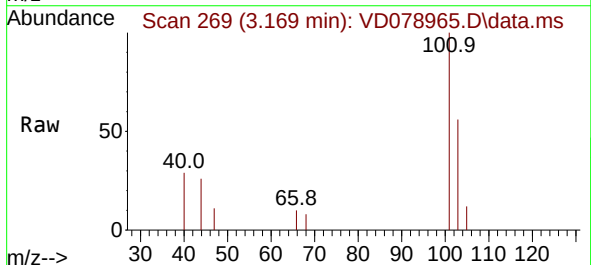


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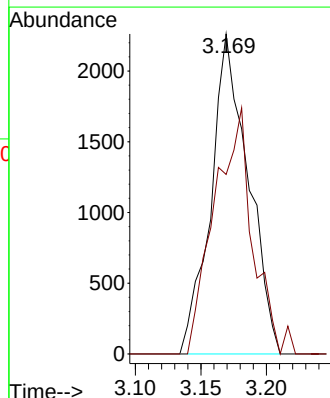
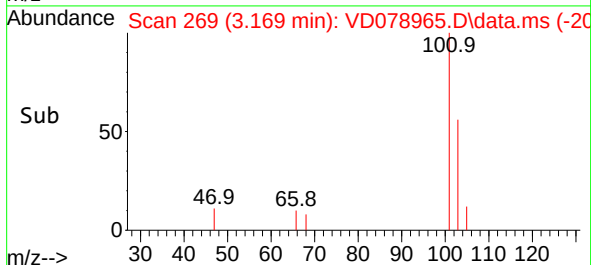
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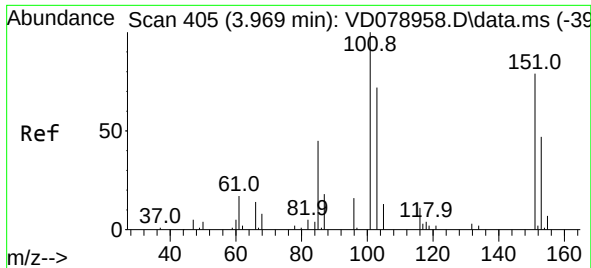


#9
Trichlorofluoromethane
Concen: 0.994 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59



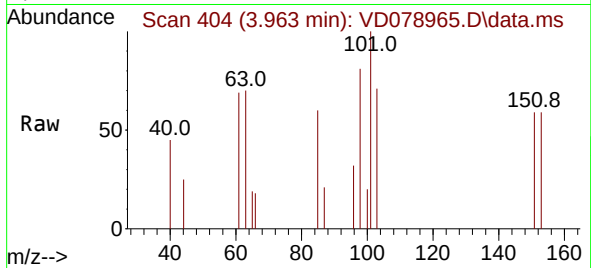
Tgt Ion:101 Resp: 4479
Ion Ratio Lower Upper
101 100
103 77.7 51.9 77.9





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.122 ug/L m
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

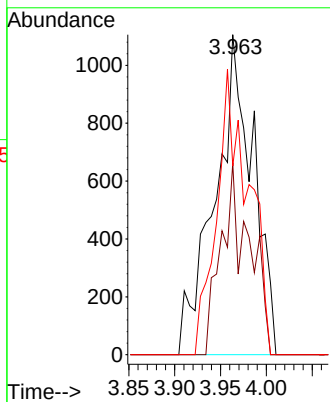
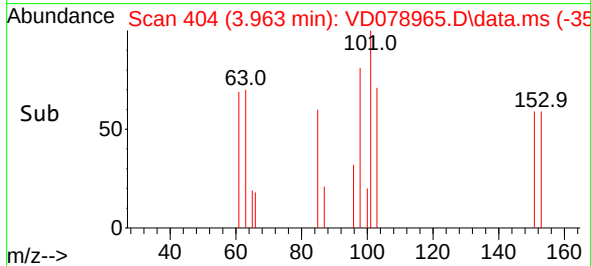
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Tgt Ion:101 Resp: 320
Ion Ratio Lower Upper
101 100
85 25.2 36.2 54.2
151 53.6 62.9 94.3

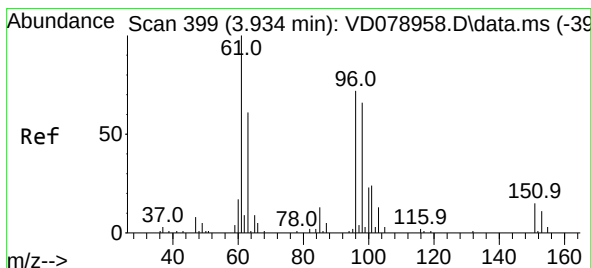
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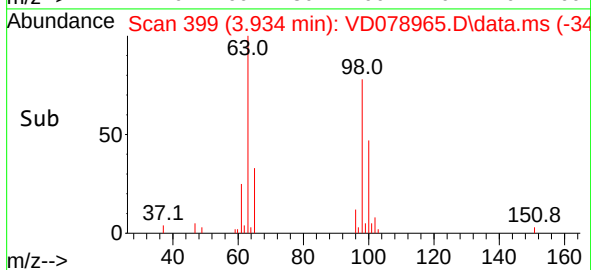
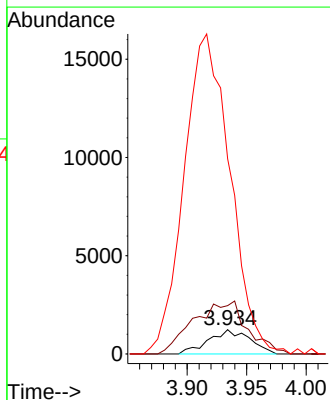
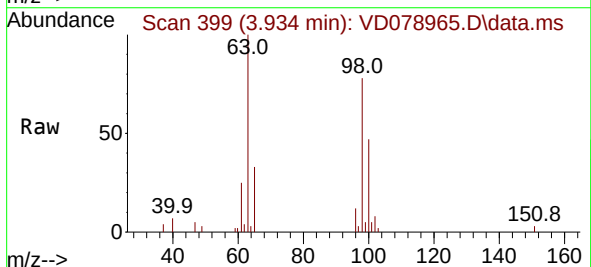
05/20/2024
Supervised By :Semsettin
Yesilyurt

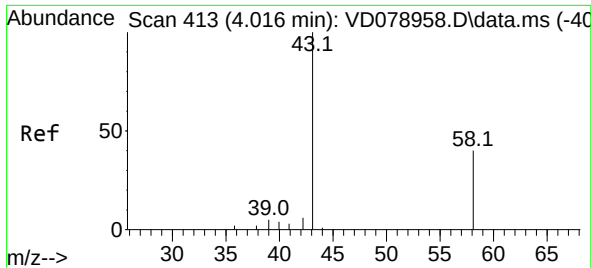
05/20/2024



#12
1,1-Dichloroethene
Concen: 1.197 ug/L m
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

Tgt Ion: 96 Resp: 2977
Ion Ratio Lower Upper
96 100
61 198.7 98.6 183.0#
63 802.6 68.3 126.8#





#13

Acetone

Concen: 2.120 ug/L m

RT: 4.040 min Scan# 41

Delta R.T. 0.023 min

Lab File: VD078965.D

Acq: 17 May 2024 16:59

Instrument :

MSVOA_D

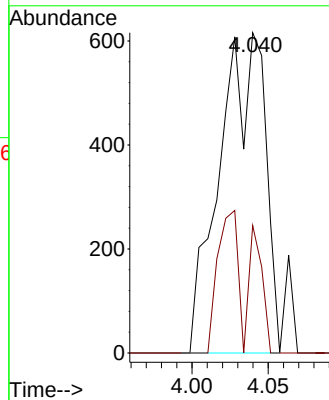
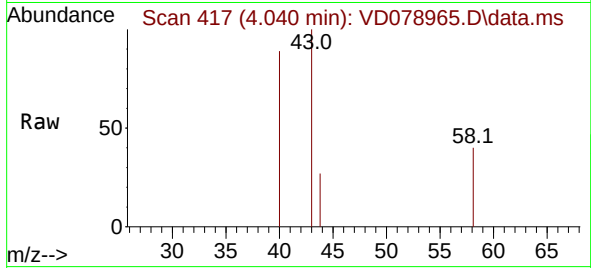
ClientSampleId :

MDL-SOIL-QT2-2024-03

Tgt Ion: 43 Resp: 1278
 Ion Ratio Lower Upper
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 58 19.7 0.0 75.0

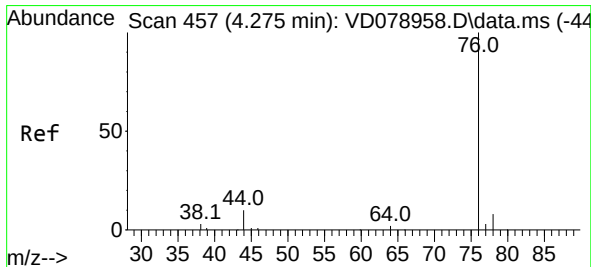
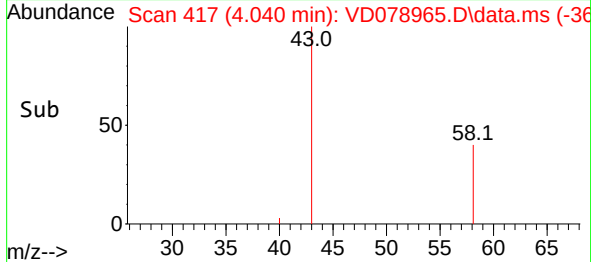
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05/20/2024
 Supervised By :Semsettin
 Yesilyurt

05/20/2024



#14

Carbon disulfide

Concen: 1.229 ug/L

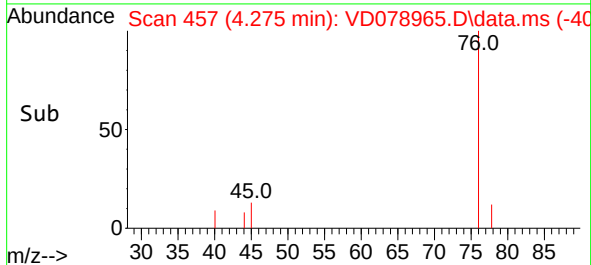
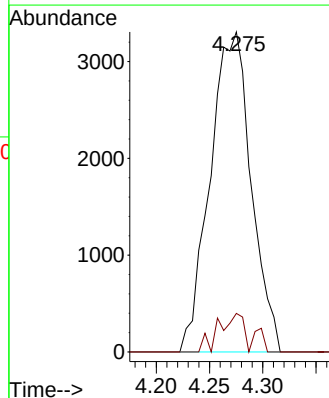
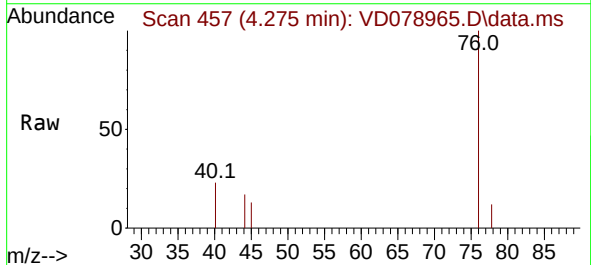
RT: 4.275 min Scan# 457

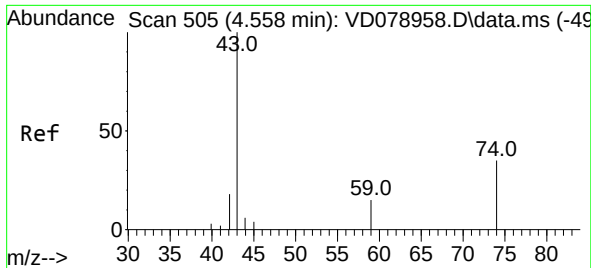
Delta R.T. -0.000 min

Lab File: VD078965.D

Acq: 17 May 2024 16:59

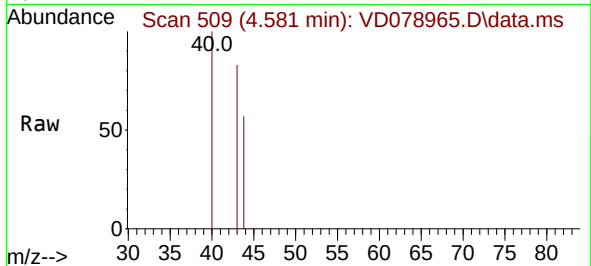
Tgt Ion: 76 Resp: 8855
 Ion Ratio Lower Upper
 76 100
 78 12.0 6.5 9.7#





#15
Methyl Acetate
Concen: 0.908 ug/L m
RT: 4.581 min Scan# 509
Delta R.T. 0.023 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

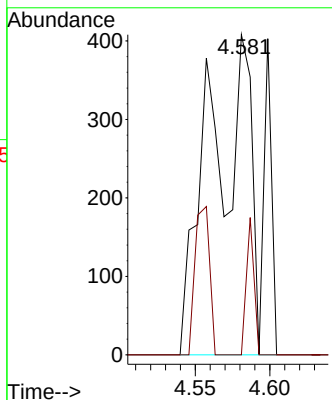
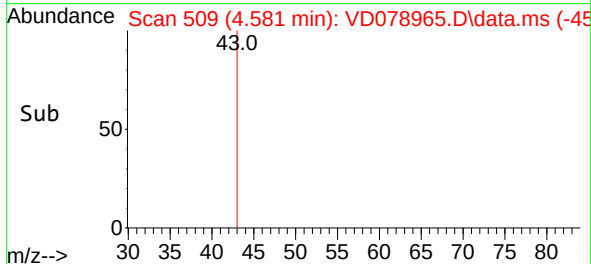
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion: 43 Resp: 889
Ion Ratio Lower Upper
43 100
74 14.5 25.1 37.7

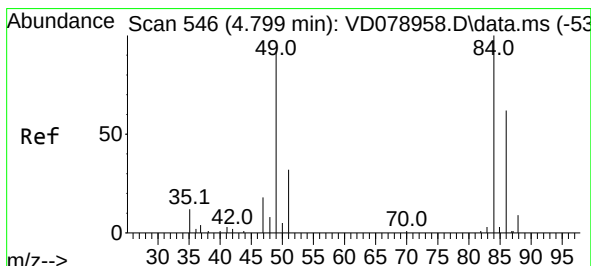
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



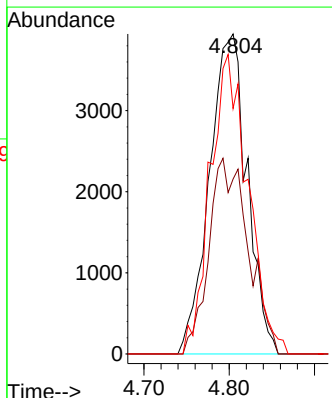
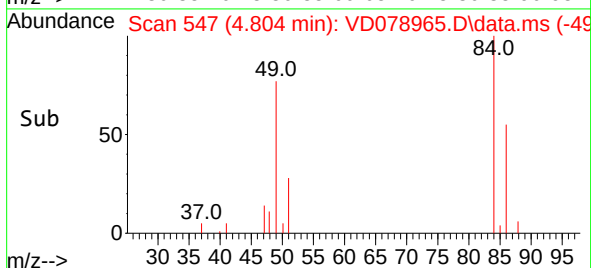
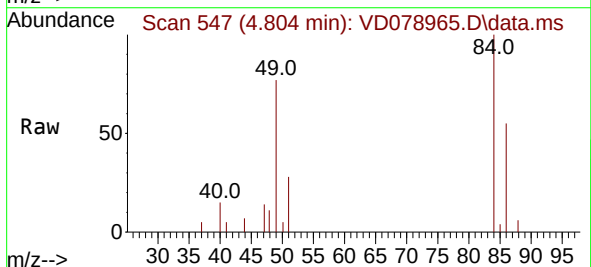
05/20/2024
Supervised By :Semsettin
Yesilyurt

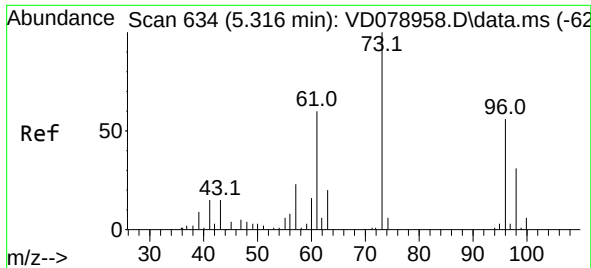
05/20/2024



#16
Methylene chloride
Concen: 3.553 ug/L
RT: 4.804 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

Tgt Ion: 84 Resp: 12102
Ion Ratio Lower Upper
84 100
86 54.7 43.7 81.1
49 76.7 64.0 119.0





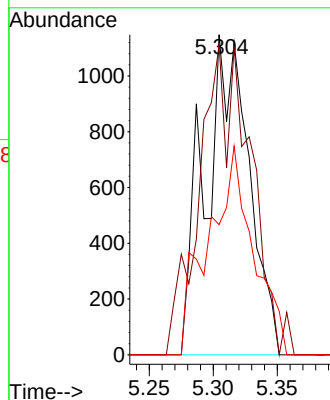
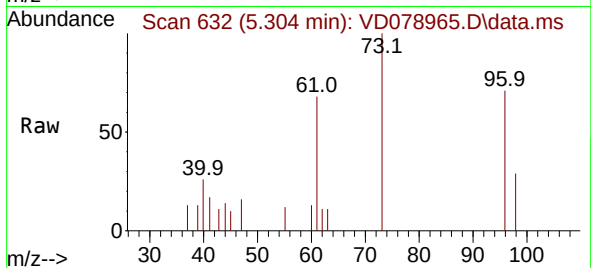
#17
trans-1,2-Dichloroethene
Concen: 1.084 ug/L m
RT: 5.304 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT2-2024-03

Tgt Ion: 96 Resp: 274
Ion Ratio Lower Upper
96 100
61 96.9 75.5 140.1
98 40.7 39.1 72.7

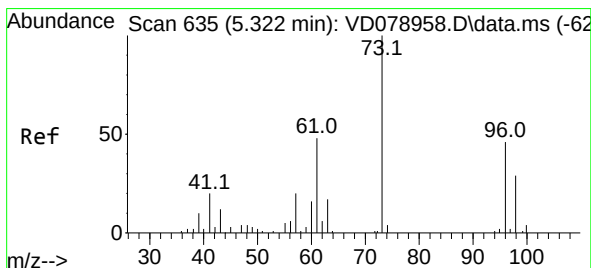
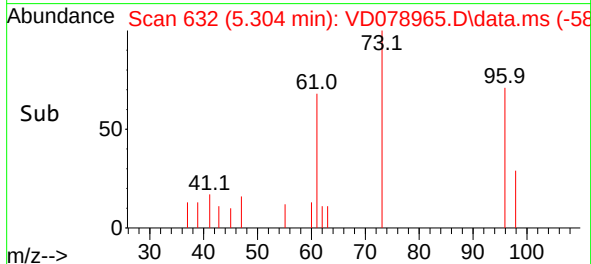
Manual Integrations
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Reviewed By :Mahesh
Dadoda



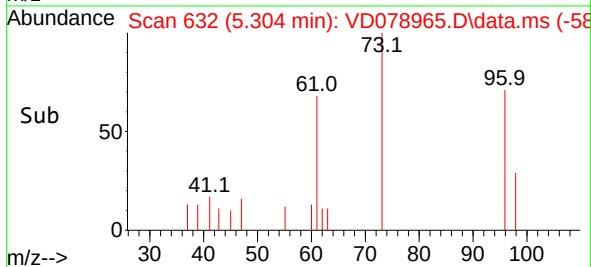
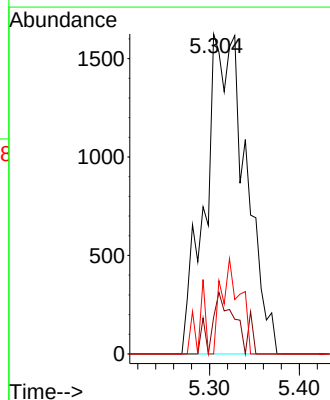
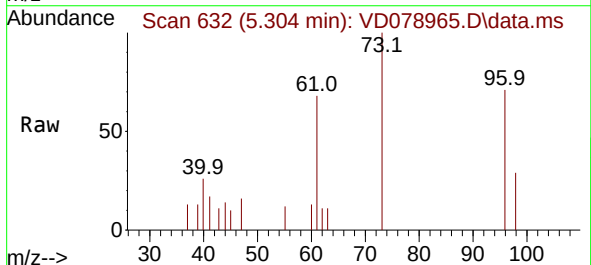
05/20/2024
Supervised By :Semsettin
Yesilyurt

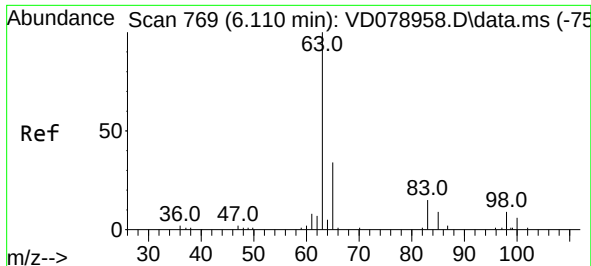
05/20/2024



#18
Methyl tert-butyl Ether
Concen: 0.951 ug/L m
RT: 5.304 min Scan# 632
Delta R.T. -0.018 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

Tgt Ion: 73 Resp: 5128
Ion Ratio Lower Upper
73 100
43 0.0 6.7 10.1#
57 9.5 16.8 25.2#





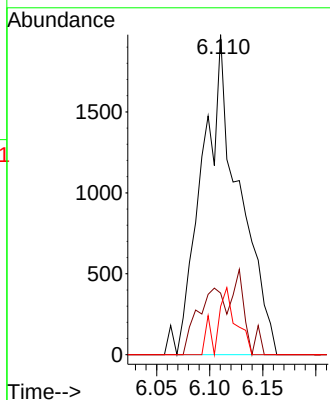
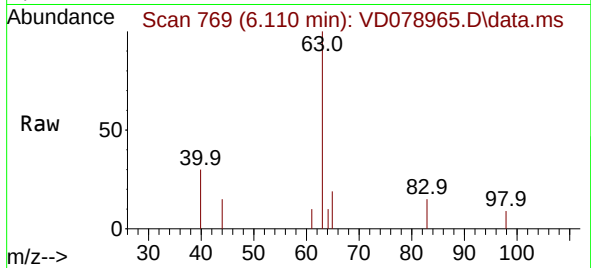
#19
1,1-Dichloroethane
Concen: 1.116 ug/L m
RT: 6.110 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

Instrument : MSVOA_D
Client Sample Id : MDL-SOIL-QT2-2024-03

Tgt Ion: 63	Resp: 4740
Ion Ratio	Lower Upper
63 100	
65 19.3	23.5 43.7
83 15.1	10.4 19.2

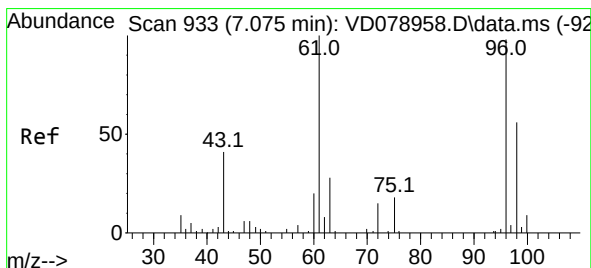
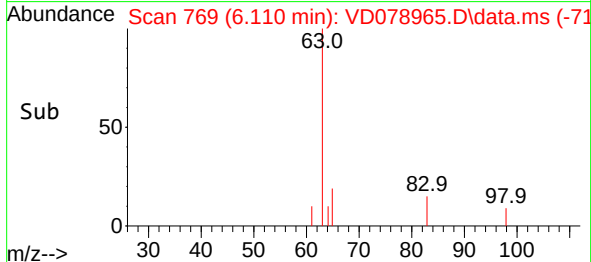
Manual Integrations
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Reviewed By :Mahesh
Dadoda



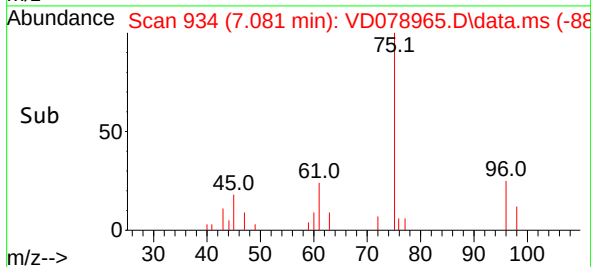
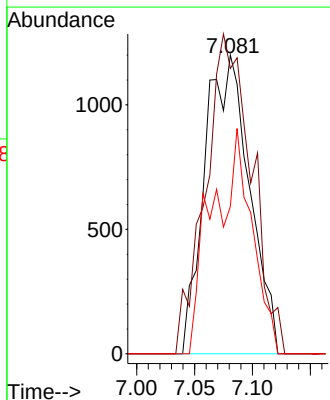
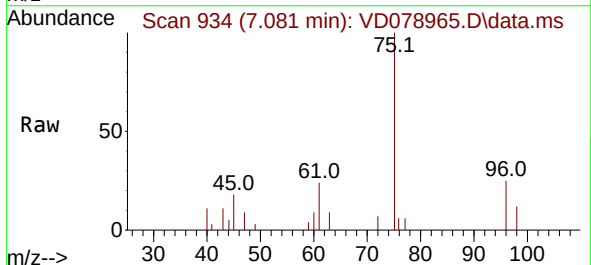
05/20/2024
Supervised By :Semsettin
Yesilyurt

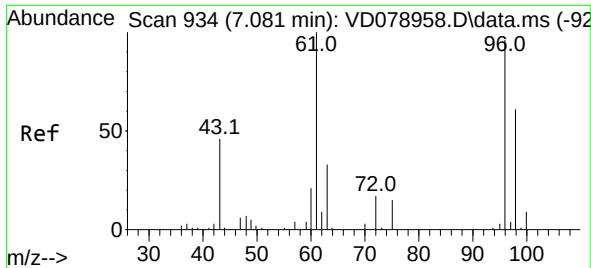
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#20
cis-1,2-Dichloroethene
Concen: 1.119 ug/L m
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

Tgt Ion: 96	Resp: 3231
Ion Ratio	Lower Upper
96 100	
61 95.6	71.6 133.0
98 49.3	40.1 74.5





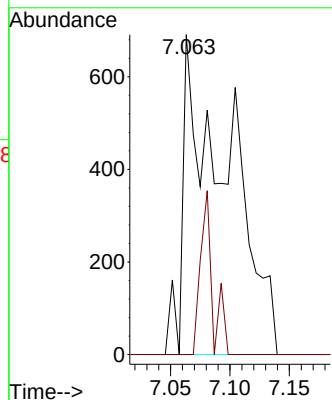
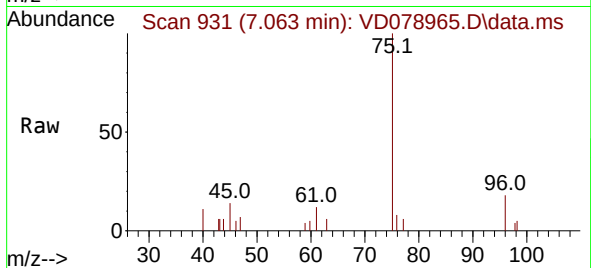
#22
2-Butanone
Concen: 2.489 ug/L m
RT: 7.063 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT2-2024-03

Tgt Ion: 43 Resp: 172
Ion Ratio Lower Upper
43 100
72 11.4 17.1 51.2

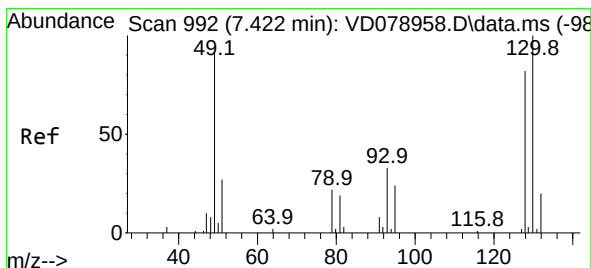
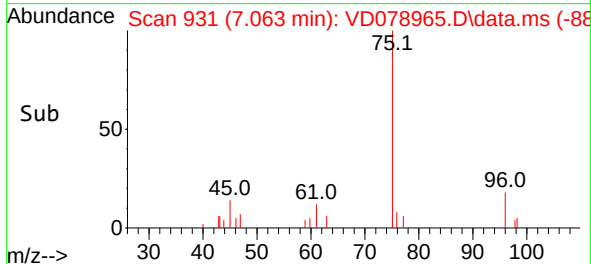
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Reviewed By :Mahesh
Dadoda



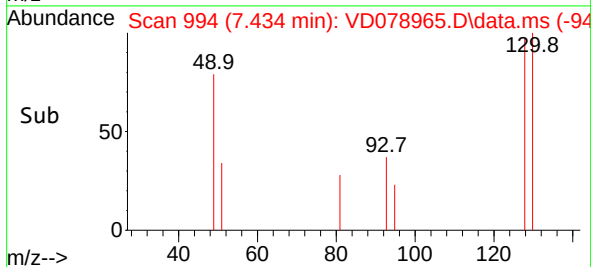
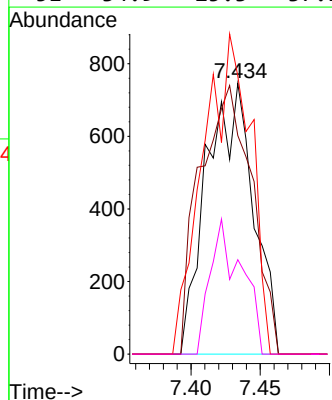
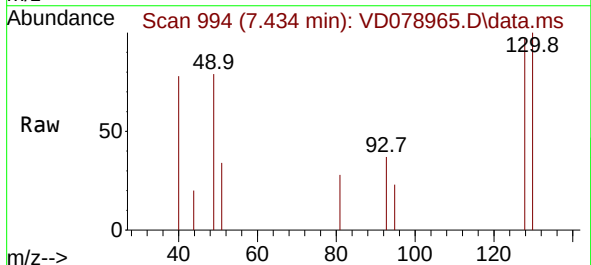
05/20/2024
Supervised By :Semsettin
Yesilyurt

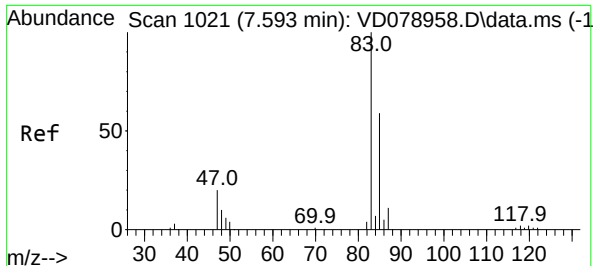
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#23
Bromochloromethane
Concen: 1.218 ug/L m
RT: 7.434 min Scan# 994
Delta R.T. 0.012 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

Tgt Ion:128 Resp: 1757
Ion Ratio Lower Upper
128 100
49 80.7 77.3 143.5
130 102.7 83.4 154.8
51 34.9 25.3 37.9





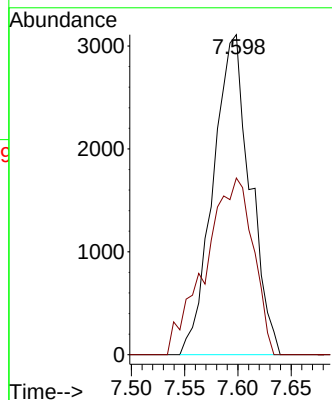
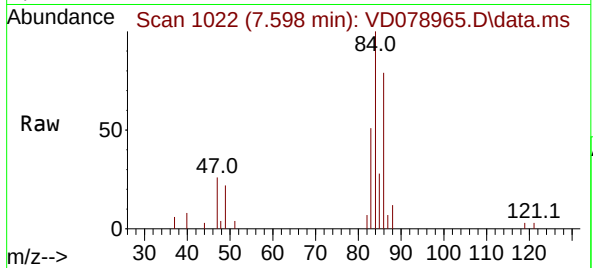
#25
Chloroform
Concen: 1.469 ug/L
RT: 7.598 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT2-2024-03

Tgt Ion: 83 Resp: 7508
Ion Ratio Lower Upper
83 100
85 55.2 41.8 77.6

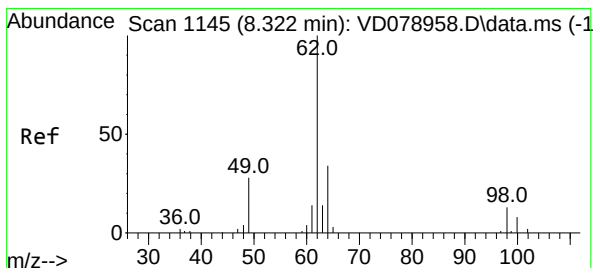
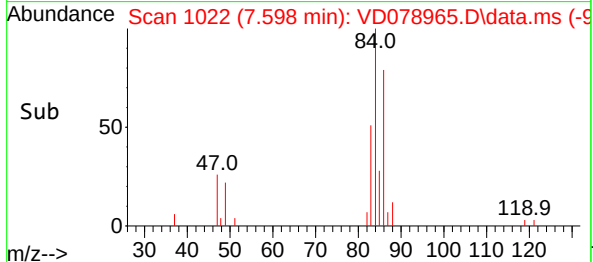
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Dadoda



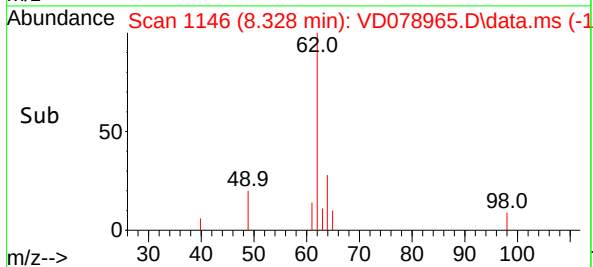
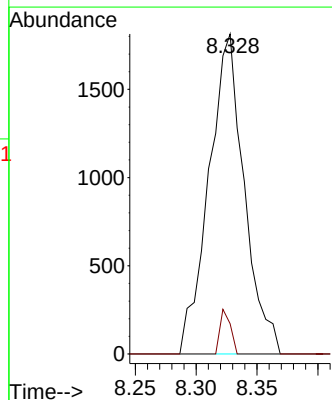
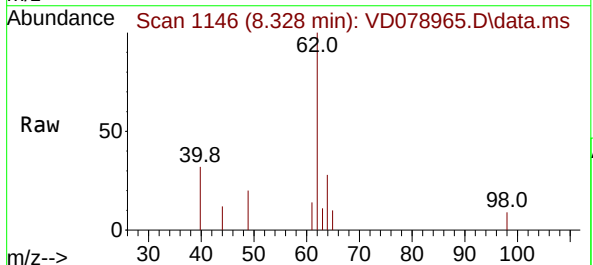
05/20/2024
Supervised By :Semsettin
Yesilyurt

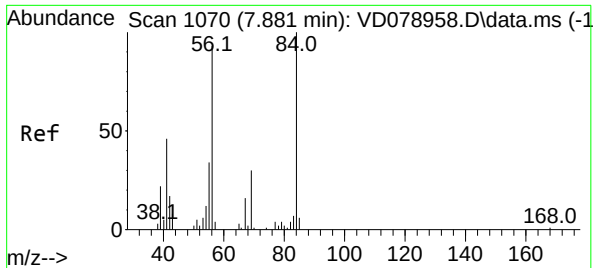
05/20/2024



#27
1,2-Dichloroethane
Concen: 1.239 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

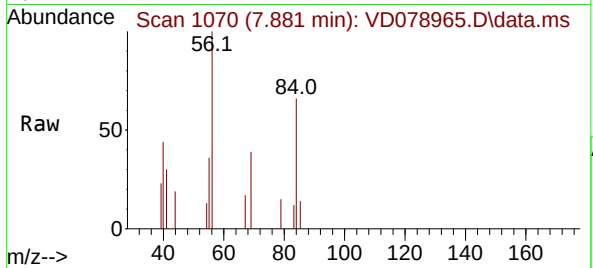
Tgt Ion: 62 Resp: 3667
Ion Ratio Lower Upper
62 100
98 9.5 10.2 15.4#





#29
Cyclohexane
Concen: 0.970 ug/L m
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

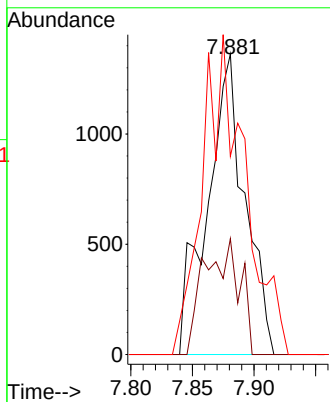
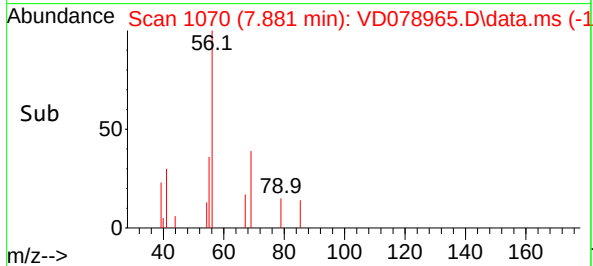
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT2-2024-03



Tgt Ion: 56 Resp: 2890
Ion Ratio Lower Upper
56 100
69 14.3 25.2 37.8
84 38.3 83.4 125.2

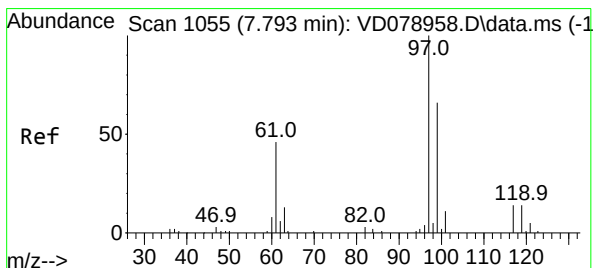
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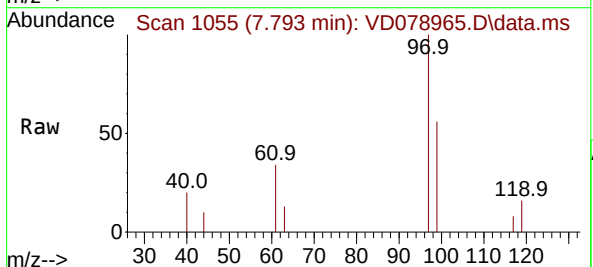


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Supervised By :Semsettin
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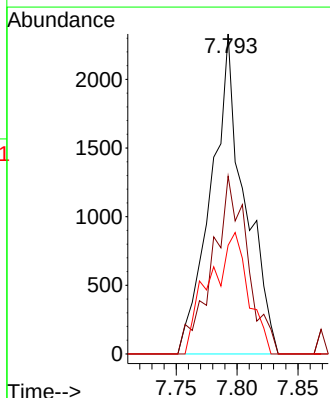
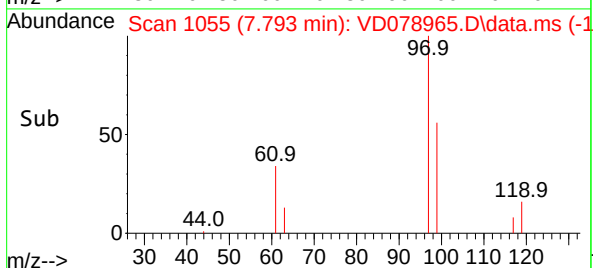
05/20/2024

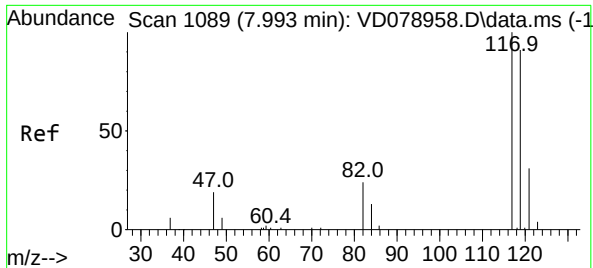


#30
1,1,1-Trichloroethane
Concen: 1.041 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59



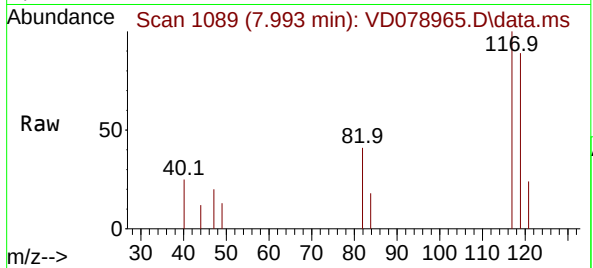
Tgt Ion: 97 Resp: 4473
Ion Ratio Lower Upper
97 100
99 54.8 52.6 78.8
61 25.4 32.6 48.8





#31
Carbon tetrachloride
Concen: 1.041 ug/L m
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

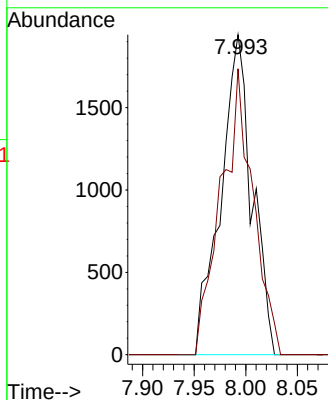
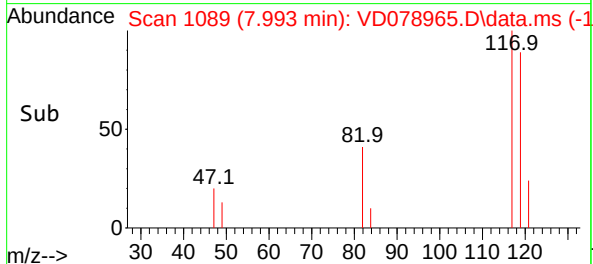
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT2-2024-03



Tgt Ion: 117 Resp: 4119
Ion Ratio Lower Upper
117 100
119 4.7 77.7 116.5

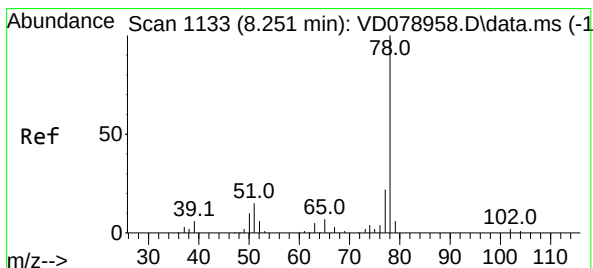
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Dadoda



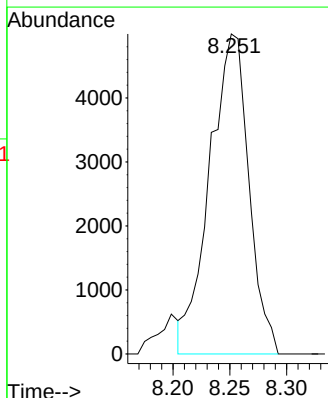
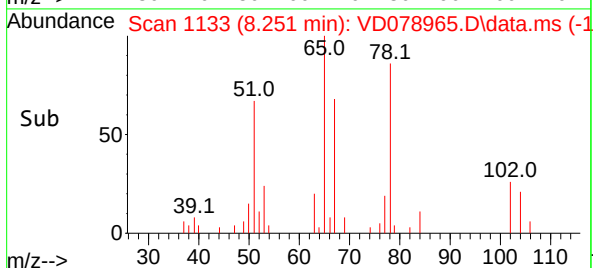
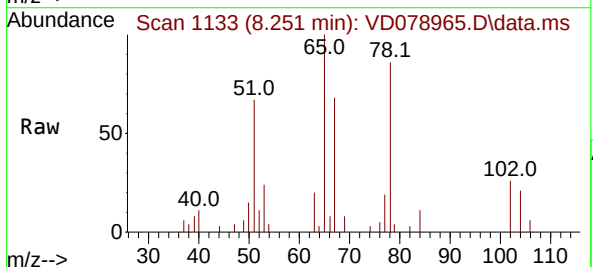
05/20/2024
Supervised By :Semsettin
Yesilyurt

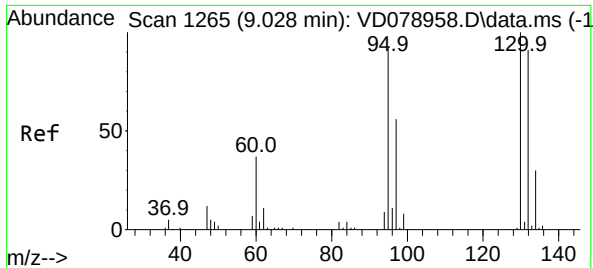
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#33
Benzene
Concen: 1.125 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

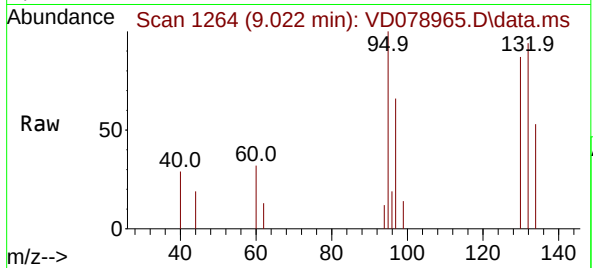
Tgt Ion: 78 Resp: 11983





#34
Trichloroethene
Concen: 1.102 ug/L
RT: 9.022 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

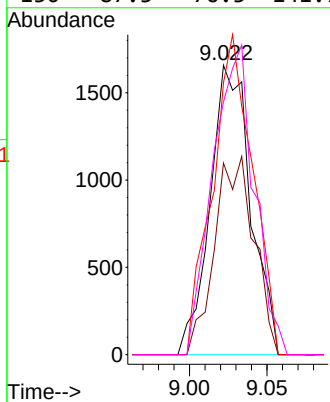
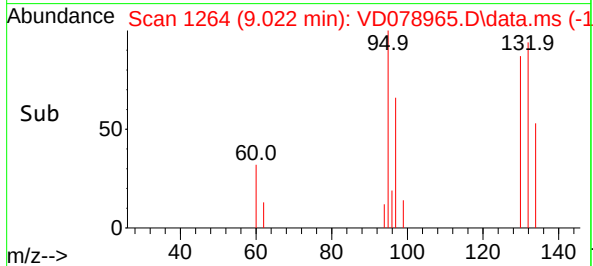
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT2-2024-03



Tgt Ion: 95 Resp: 3024
Ion Ratio Lower Upper
95 100
97 66.2 42.6 79.2
132 93.9 69.5 129.1
130 87.3 76.3 141.7

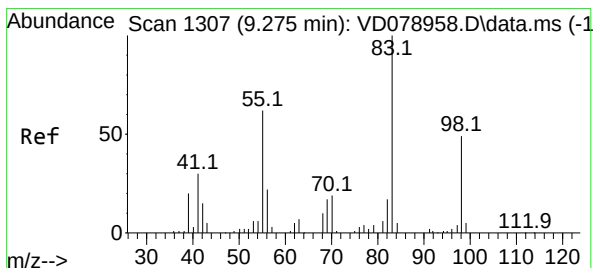
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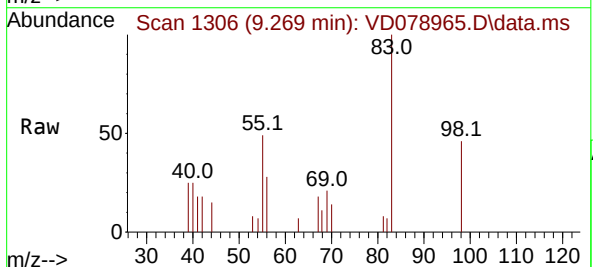


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Supervised By :Semsettin
Yesilyurt

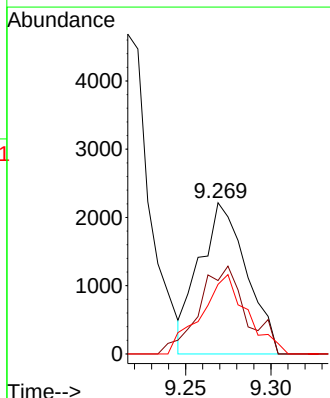
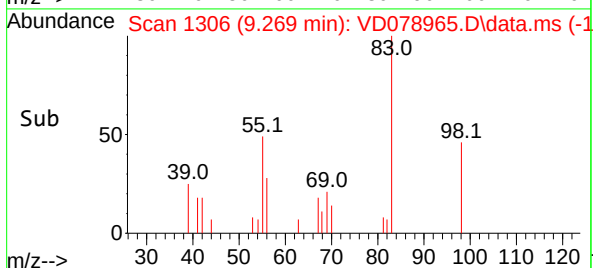
05/20/2024

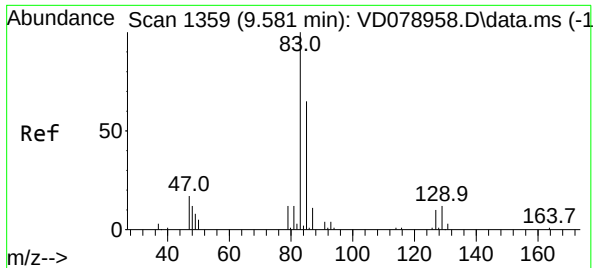


#35
Methylcyclohexane
Concen: 1.030 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59



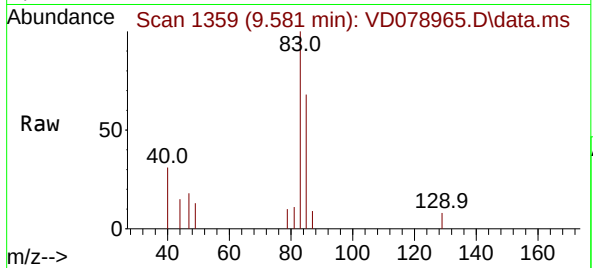
Tgt Ion: 83 Resp: 4248
Ion Ratio Lower Upper
83 100
55 53.7 49.0 73.6
98 51.2 40.1 60.1





#38
Bromodichloromethane
Concen: 1.047 ug/L m
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

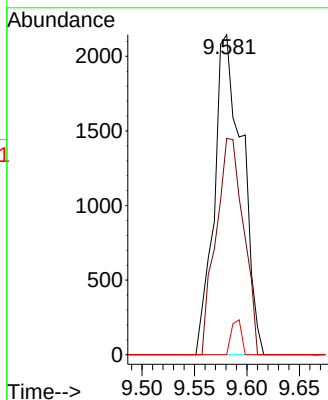
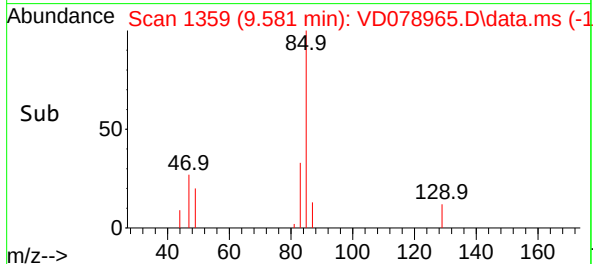
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT2-2024-03



Tgt Ion: 83 Resp: 399
Ion Ratio Lower Upper
83 100
85 67.6 45.4 84.4
127 0.0 7.6 11.4

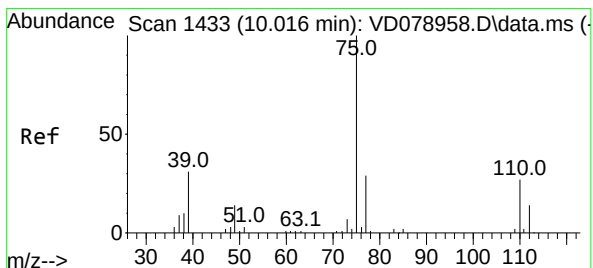
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

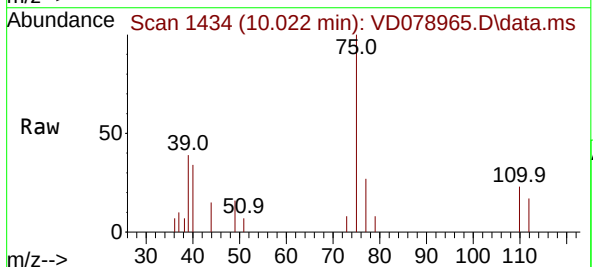


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Supervised By :Semsettin
Yesilyurt

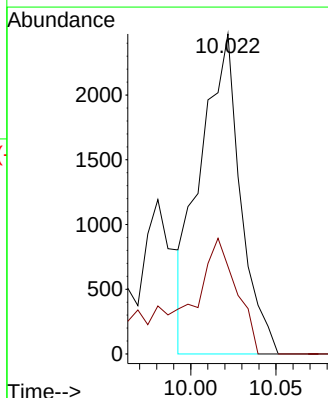
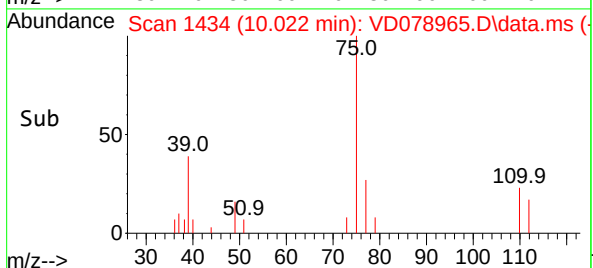
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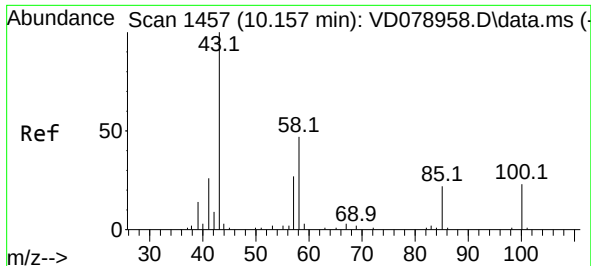


#39
cis-1,3-Dichloropropene
Concen: 0.956 ug/L
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59



Tgt Ion: 75 Resp: 4047
Ion Ratio Lower Upper
75 100
77 27.3 20.0 37.2





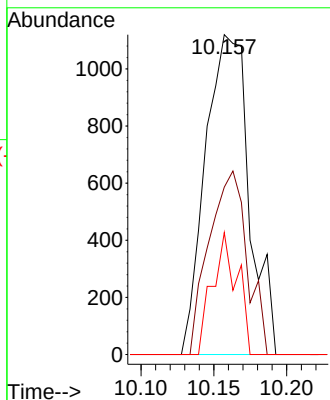
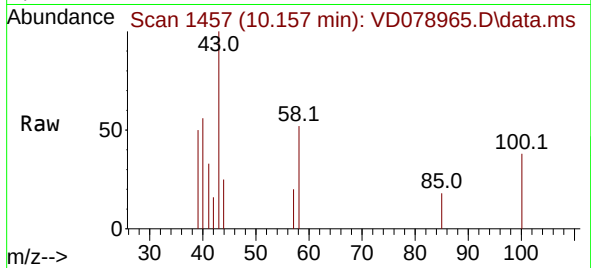
#40
4-Methyl-2-pentanone
Concen: 1.719 ug/L m
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT2-2024-03

Tgt Ion: 43 Resp: 234
Ion Ratio Lower Upper
43 100
58 49.9 38.0 57.0
100 21.7 17.3 25.9

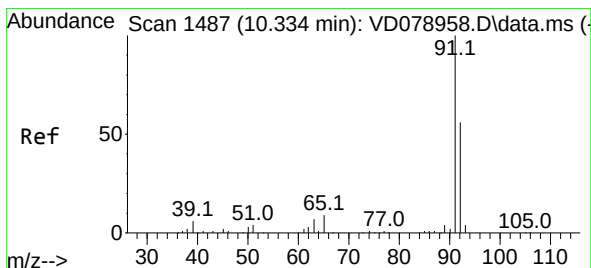
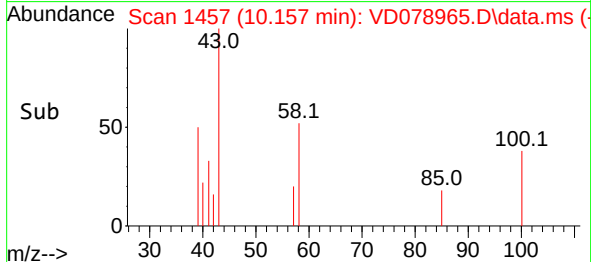
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Reviewed By :Mahesh
Dadoda



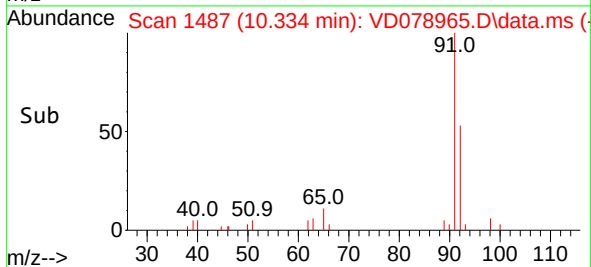
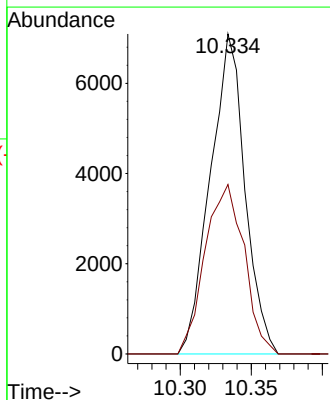
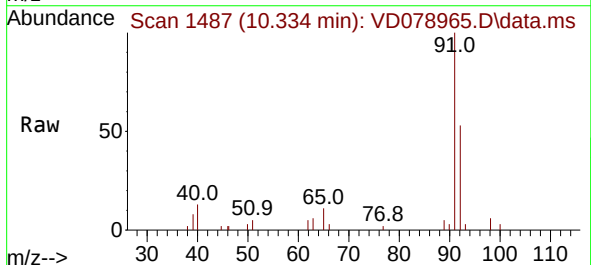
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Supervised By :Semsettin
Yesilyurt

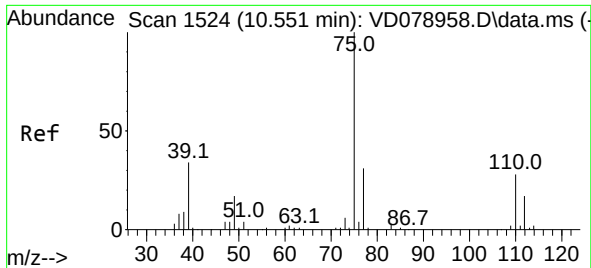
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#42
Toluene
Concen: 1.027 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

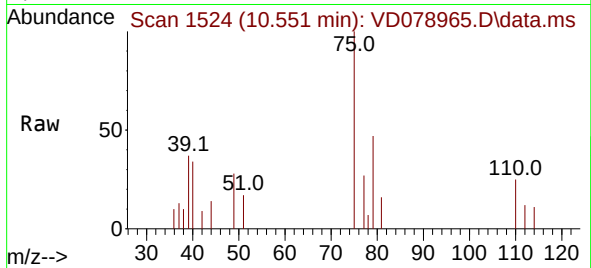
Tgt Ion: 91 Resp: 12019
Ion Ratio Lower Upper
91 100
92 52.9 39.5 73.4





#44
trans-1,3-Dichloropropene
Concen: 1.036 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

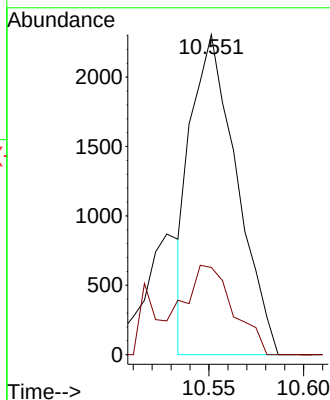
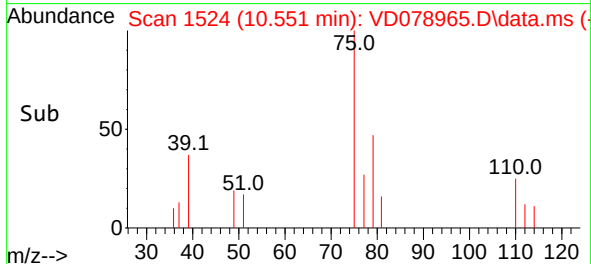
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion: 75 Resp: 3878
Ion Ratio Lower Upper
75 100
77 27.3 21.8 40.4

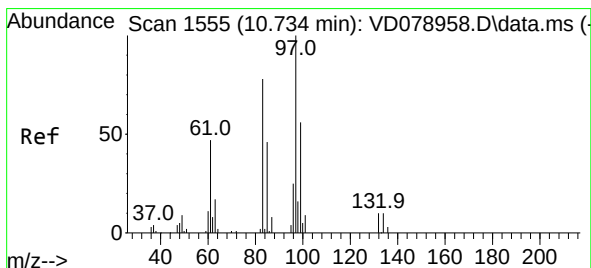
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Reviewed By :Mahesh
Dadoda



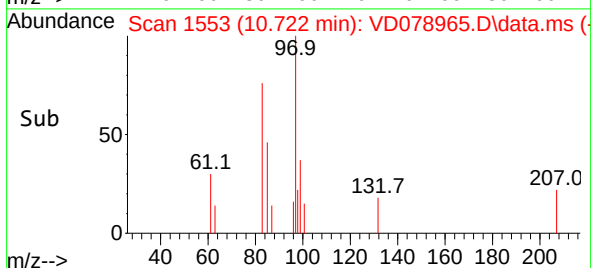
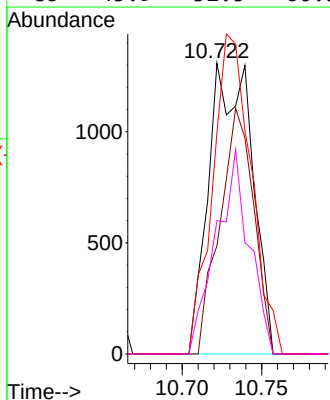
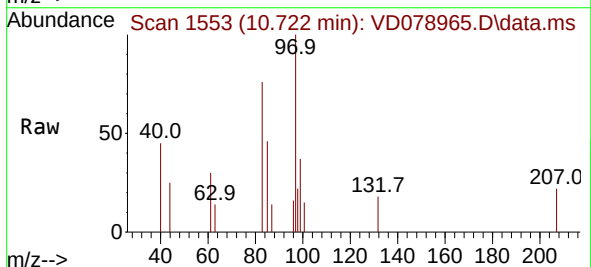
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Supervised By :Semsettin
Yesilyurt

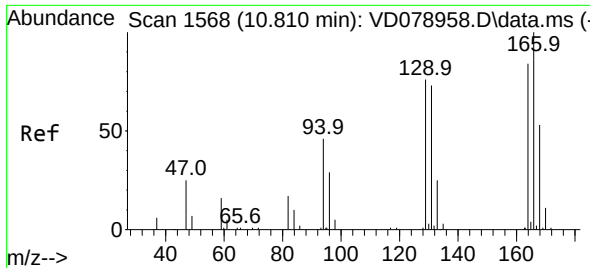
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#45
1,1,2-Trichloroethane
Concen: 0.998 ug/L m
RT: 10.722 min Scan# 1553
Delta R.T. -0.012 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

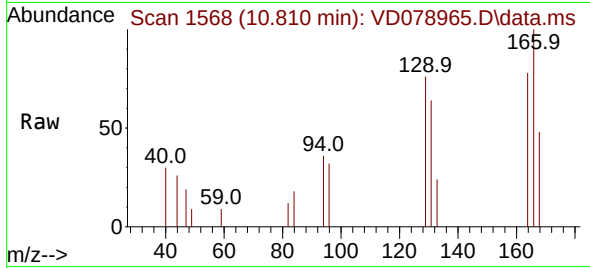
Tgt Ion: 97 Resp: 2463
Ion Ratio Lower Upper
97 100
99 37.2 39.1 72.7#
83 76.1 54.6 101.4
85 45.9 32.5 60.3





#46
Tetrachloroethene
Concen: 0.885 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

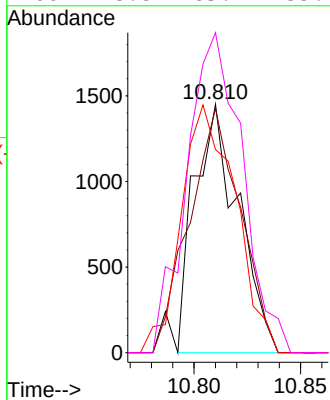
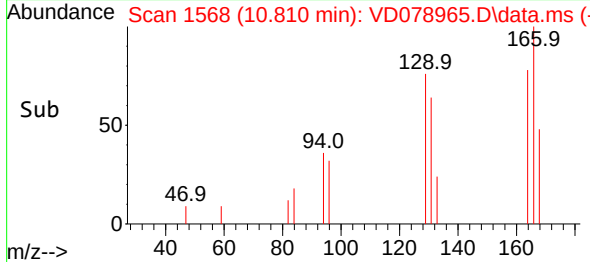
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion:164 Resp: 2090
Ion Ratio Lower Upper
164 100
129 98.3 63.3 117.7
131 81.8 60.8 112.8
166 128.8 83.7 155.4

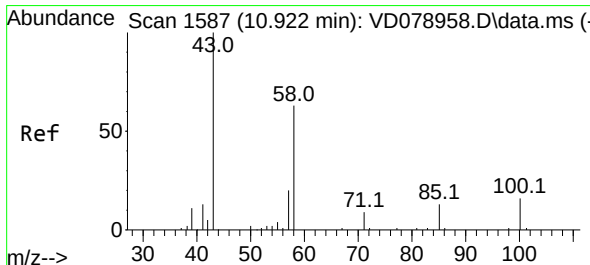
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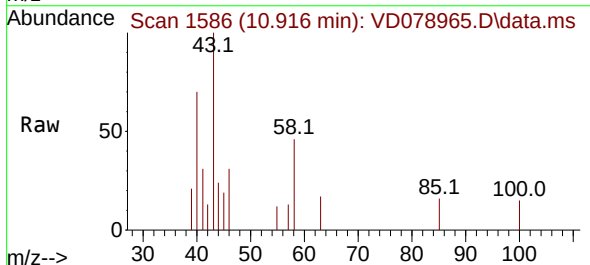


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Supervised By :Semsettin
Yesilyurt

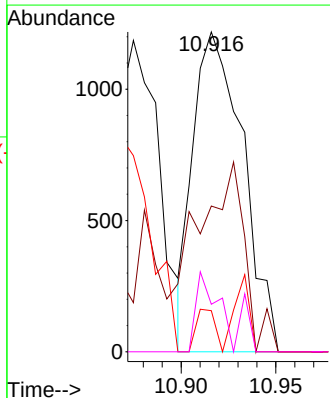
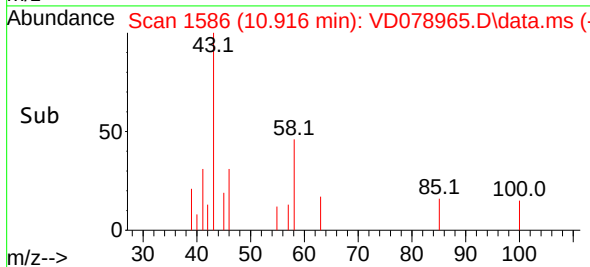
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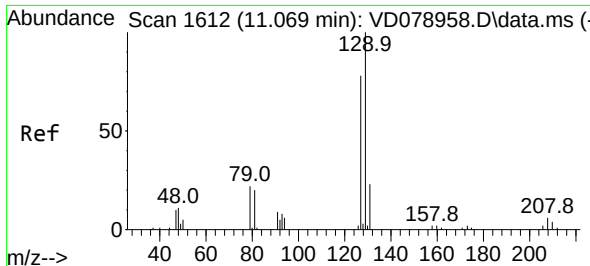


#48
2-Hexanone
Concen: 2.111 ug/L
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59



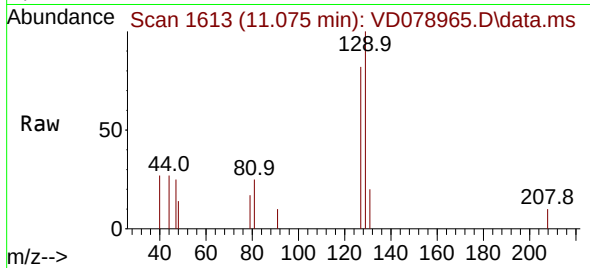
Tgt Ion: 43 Resp: 2231
Ion Ratio Lower Upper
43 100
58 19.6 53.4 80.2#
57 5.1 17.0 25.4#
100 10.9 14.3 21.5#





#49
Dibromochloromethane
Concen: 0.906 ug/L
RT: 11.075 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

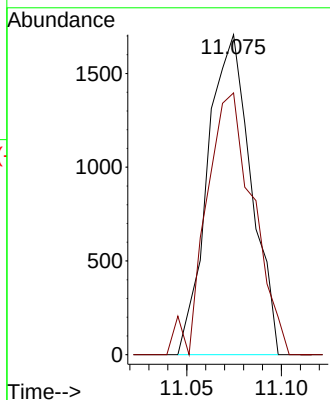
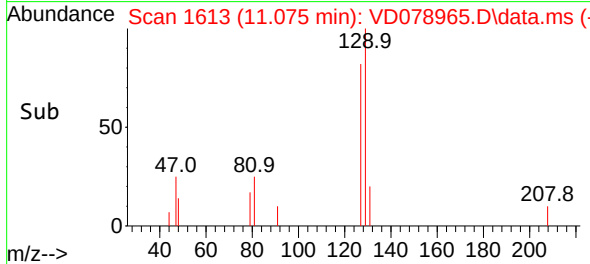
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion:129 Resp: 271
Ion Ratio Lower Upper
129 100
127 81.8 54.8 101.8

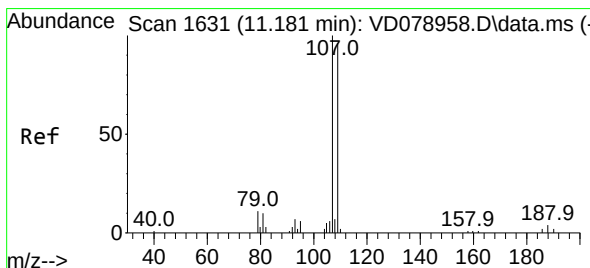
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Reviewed By :Mahesh
Dadoda

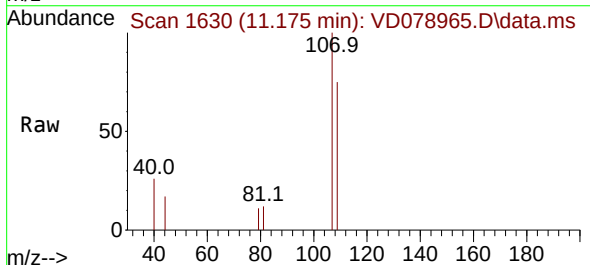


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Supervised By :Semsettin
Yesilyurt

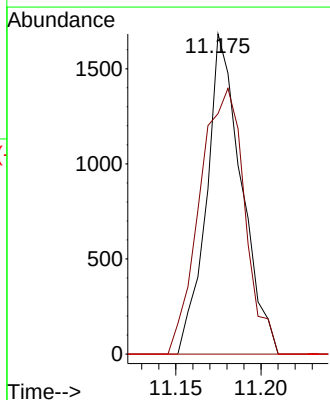
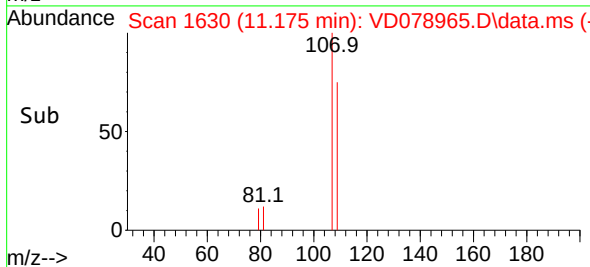
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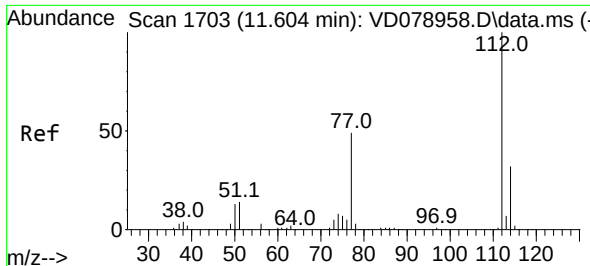


#50
1,2-Dibromoethane
Concen: 1.032 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59



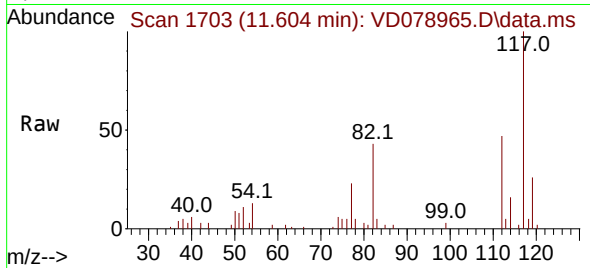
Tgt Ion:107 Resp: 2406
Ion Ratio Lower Upper
107 100
109 75.1 67.0 124.4
188 0.0 3.4 5.2#





#51
Chlorobenzene
Concen: 1.058 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

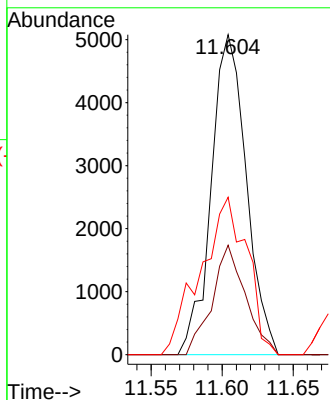
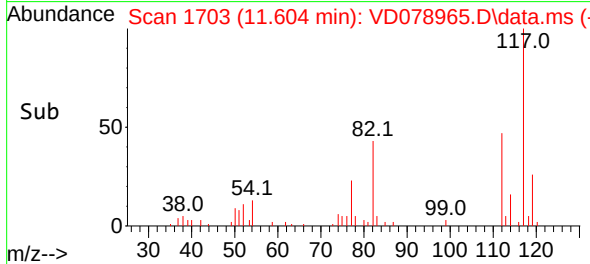
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion:112 Resp: 874
Ion Ratio Lower Upper
112 100
114 34.2 22.5 41.9
77 49.2 39.4 59.0

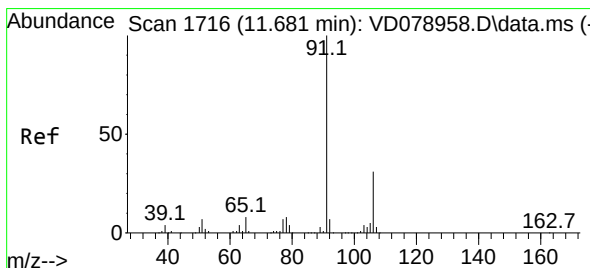
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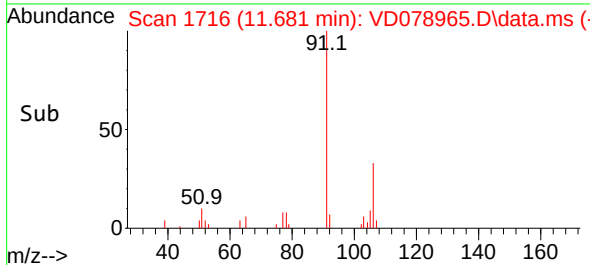
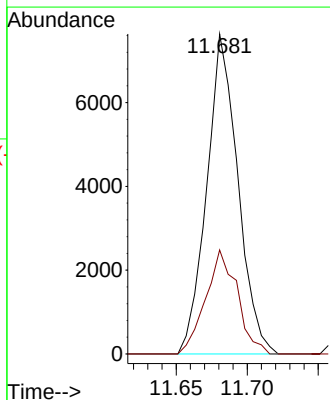
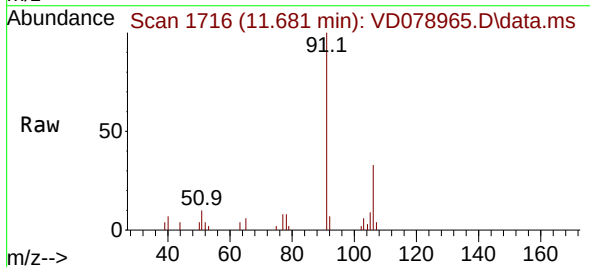
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Supervised By :Semsettin
Yesilyurt

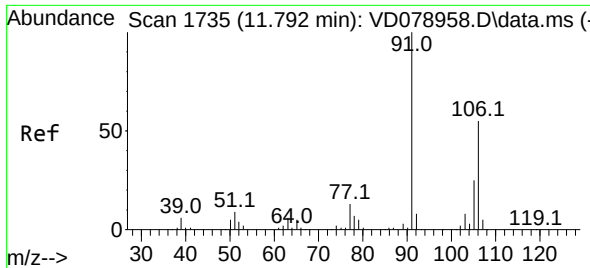
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#52
Ethylbenzene
Concen: 0.920 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

Tgt Ion: 91 Resp: 11631
Ion Ratio Lower Upper
91 100
106 32.5 21.6 40.2





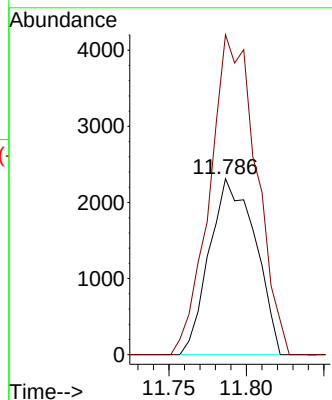
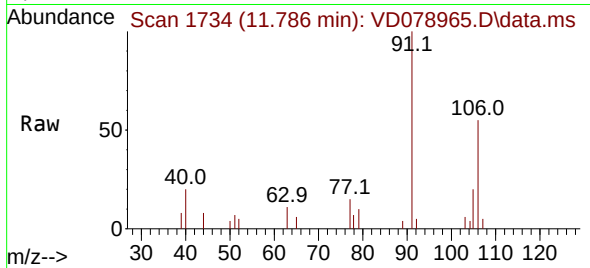
#53
m,p-Xylene
Concen: 0.943 ug/L
RT: 11.786 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT2-2024-03

Tgt Ion:106 Resp: 476
Ion Ratio Lower Upper
106 100
91 181.8 128.3 238.3

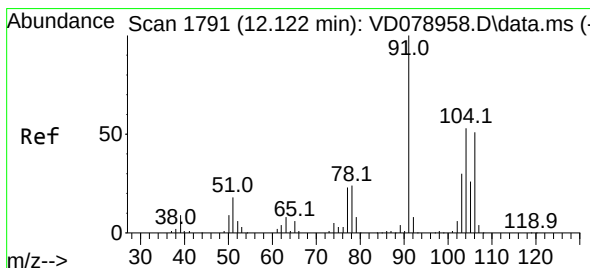
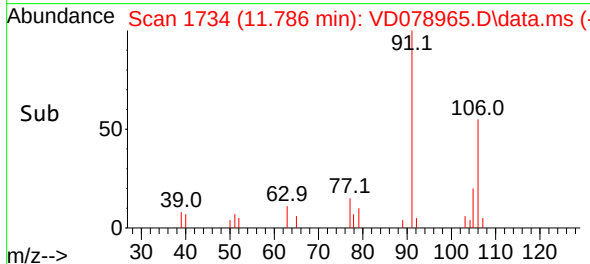
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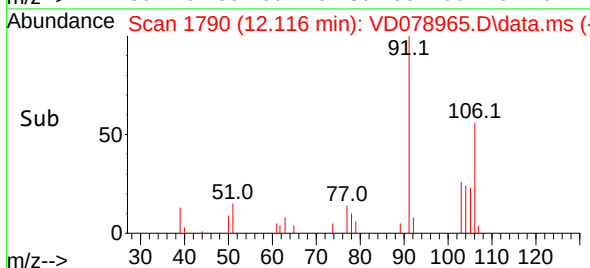
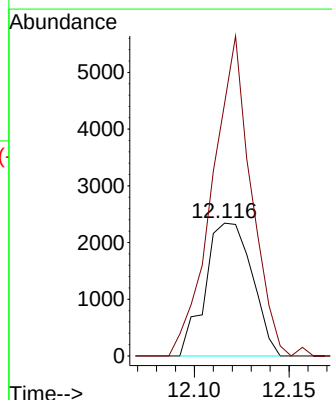
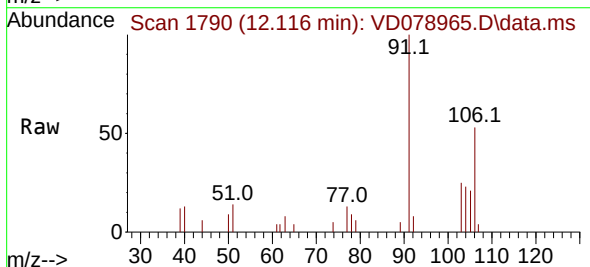
05/20/2024
Supervised By :Semsettin
Yesilyurt

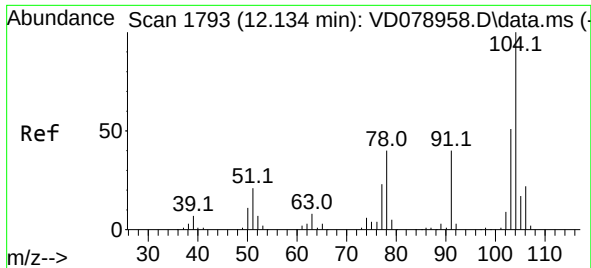
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#54
o-Xylene
Concen: 0.818 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

Tgt Ion:106 Resp: 4029
Ion Ratio Lower Upper
106 100
91 189.9 138.3 256.9





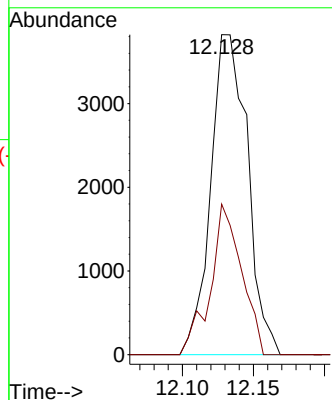
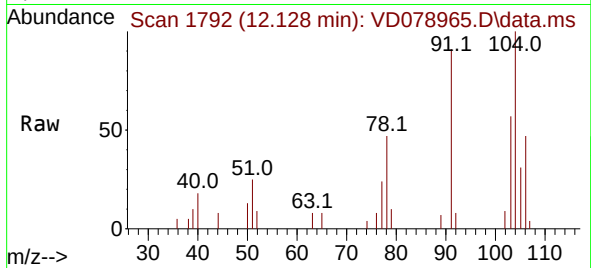
#55
Styrene
Concen: 0.792 ug/L
RT: 12.128 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT2-2024-03

Tgt Ion:104 Resp: 689
Ion Ratio Lower Upper
104 100
78 47.0 27.8 51.6

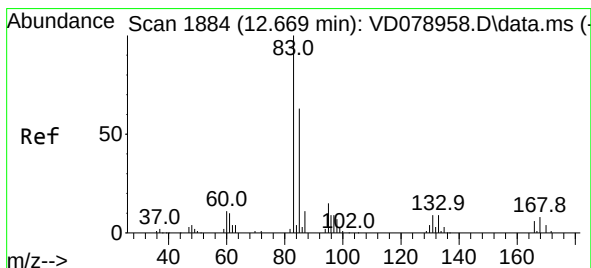
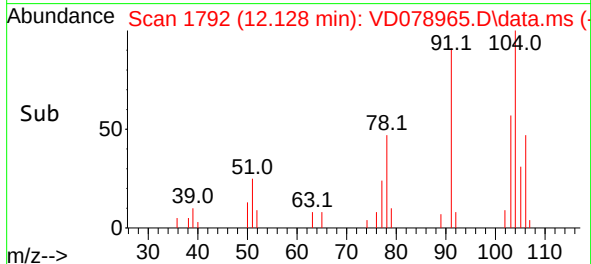
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Reviewed By :Mahesh
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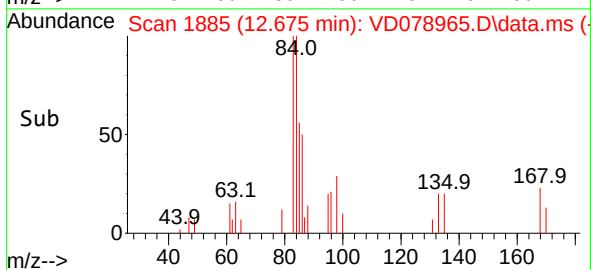
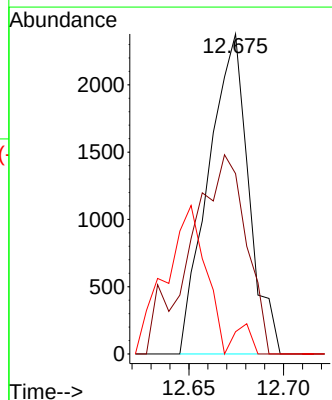
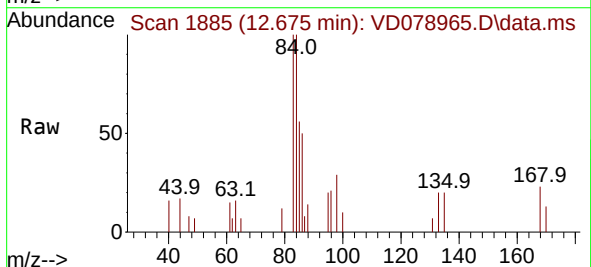
05/20/2024
Supervised By :Semsettin
Yesilyurt

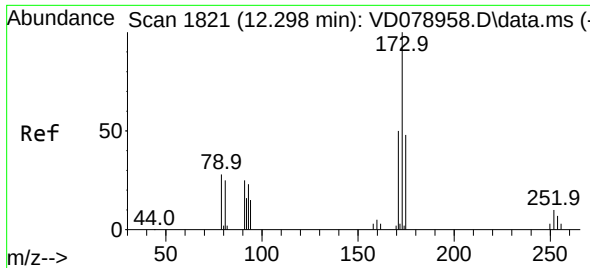
05/20/2024



#57
1,1,2,2-Tetrachloroethane
Concen: 1.174 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

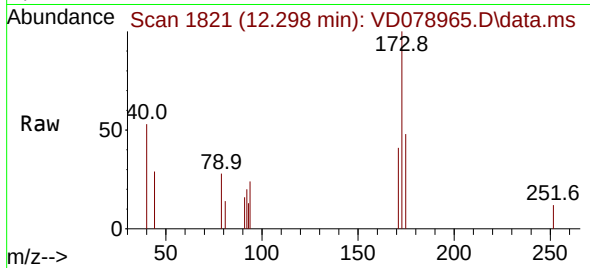
Tgt Ion: 83 Resp: 3514
Ion Ratio Lower Upper
83 100
85 56.3 44.3 82.3
131 7.0 7.5 11.3#





#59
Bromoform
Concen: 1.262 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

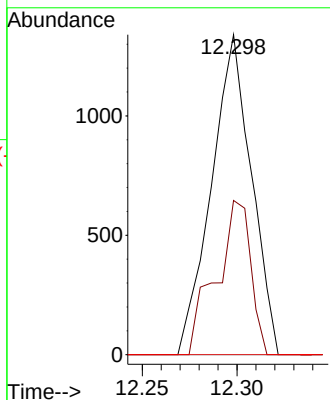
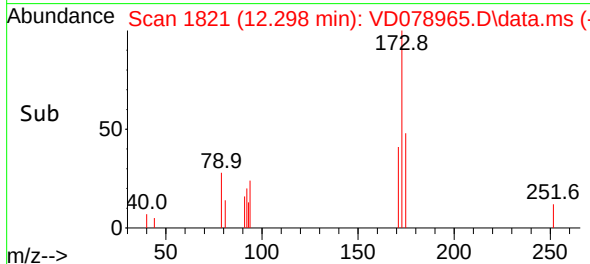
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT2-2024-03



Tgt Ion:173 Resp: 1960
Ion Ratio Lower Upper
173 100
175 31.4 40.0 60.0
254 0.0 6.3 9.5

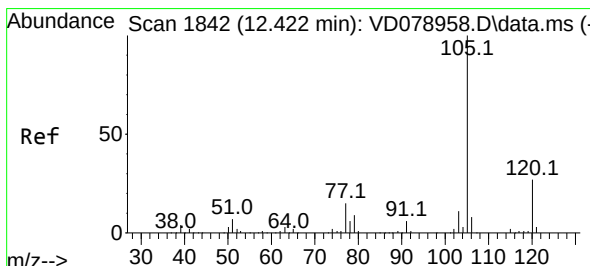
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Reviewed By :Mahesh
Dadoda

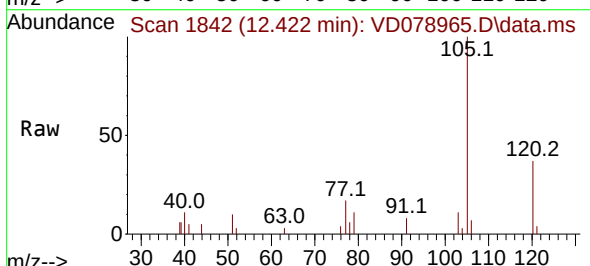


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Supervised By :Semsettin
Yesilyurt

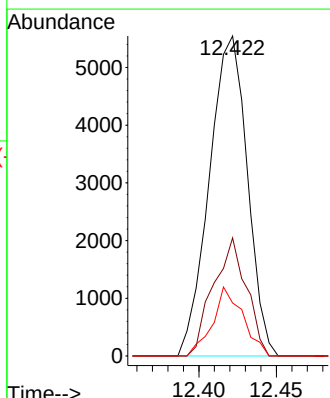
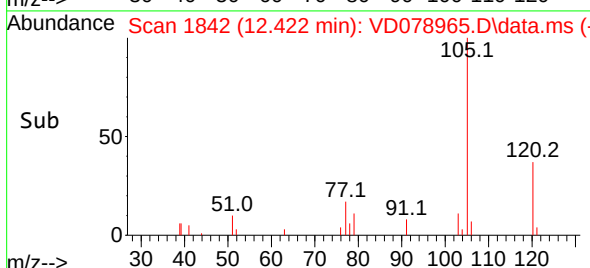
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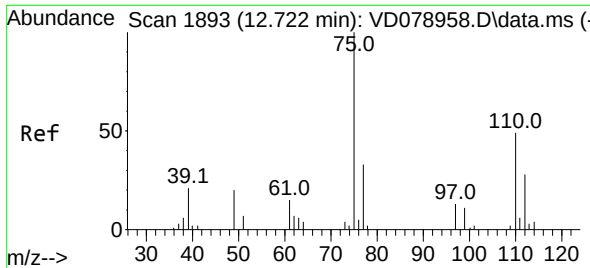


#60
Isopropylbenzene
Concen: 0.929 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59



Tgt Ion:105 Resp: 9453
Ion Ratio Lower Upper
105 100
120 32.2 21.8 32.8
77 17.2 11.7 17.5





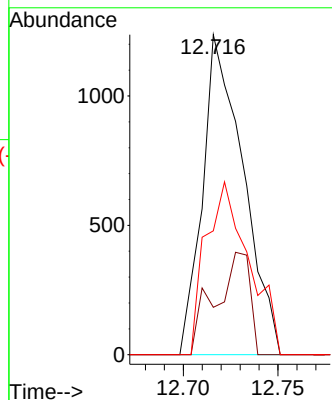
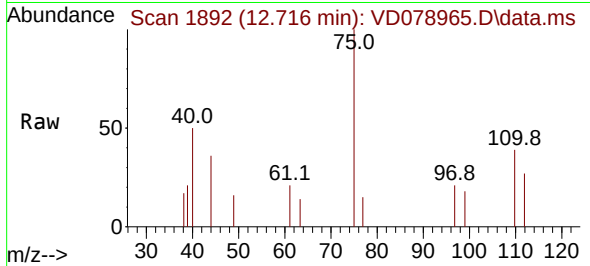
#61
1,2,3-Trichloropropane
Concen: 1.169 ug/L
RT: 12.716 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT2-2024-03

Tgt Ion: 75 Resp: 1849
Ion Ratio Lower Upper
75 100
77 18.9 26.2 39.2
110 57.1 37.1 55.7

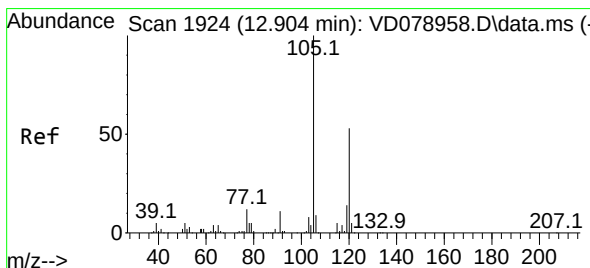
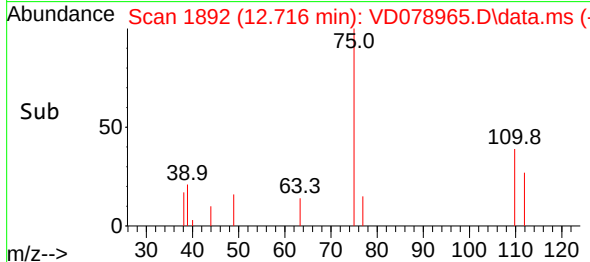
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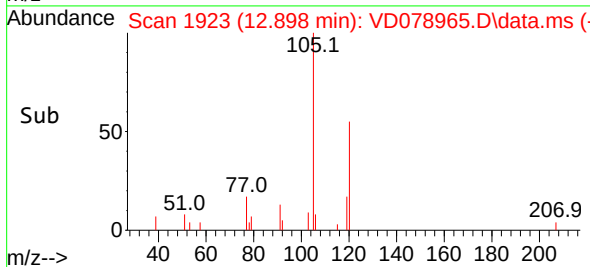
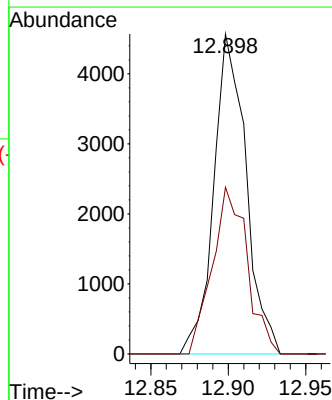
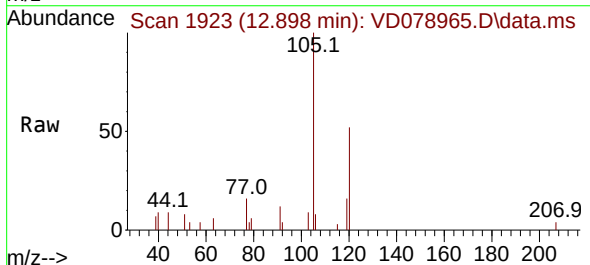
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Supervised By :Semsettin
Yesilyurt

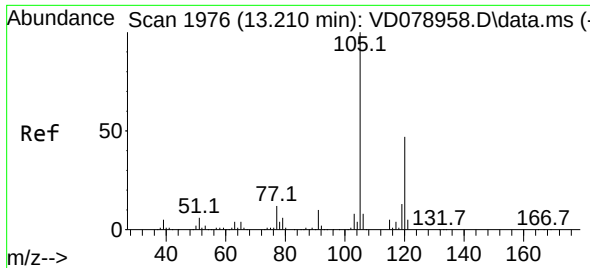
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#62
1,3,5-Trimethylbenzene
Concen: 0.877 ug/L
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

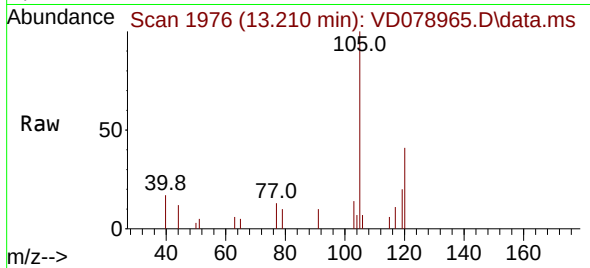
Tgt Ion:105 Resp: 6602
Ion Ratio Lower Upper
105 100
120 56.3 41.9 62.9





#63
1,2,4-Trimethylbenzene
Concen: 1.012 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

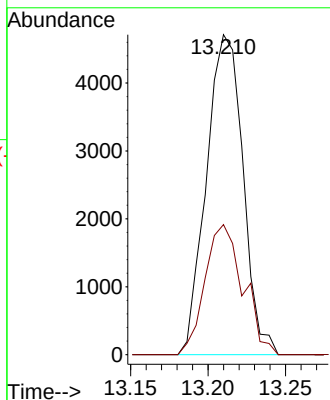
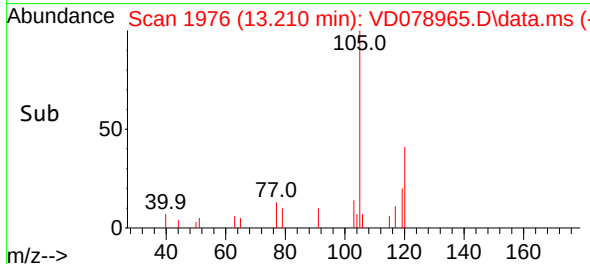
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT2-2024-03



Tgt Ion:105 Resp: 7740
Ion Ratio Lower Upper
105 100
120 42.5 38.8 58.2

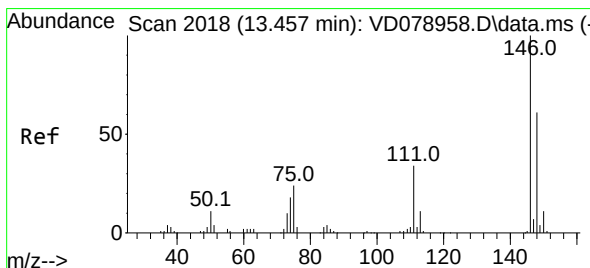
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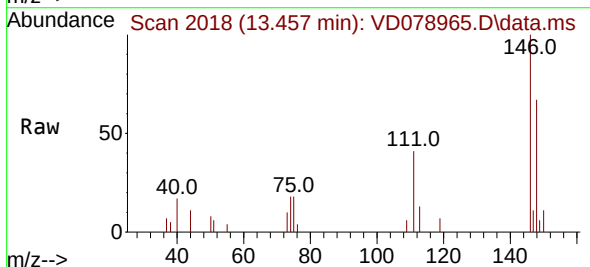


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Supervised By :Semsettin
Yesilyurt

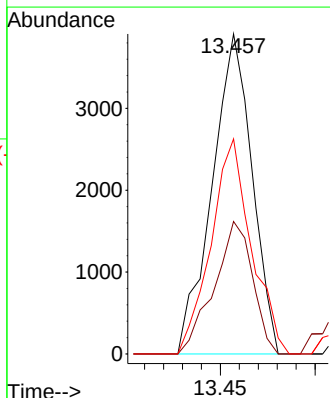
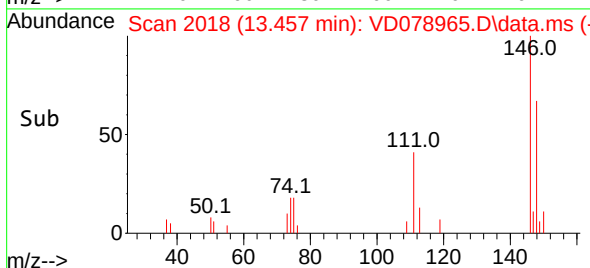
05/20/2024

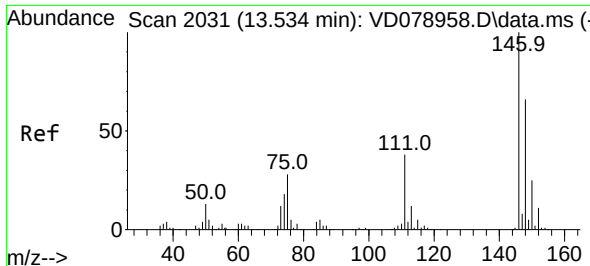


#64
1,3-Dichlorobenzene
Concen: 1.159 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59



Tgt Ion:146 Resp: 5731
Ion Ratio Lower Upper
146 100
111 41.4 24.0 44.6
148 67.2 42.9 79.7





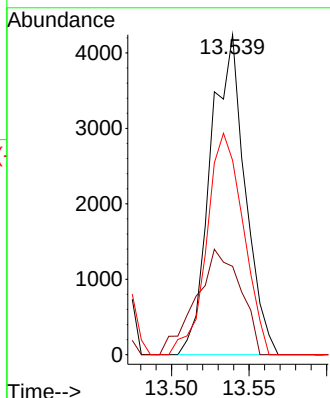
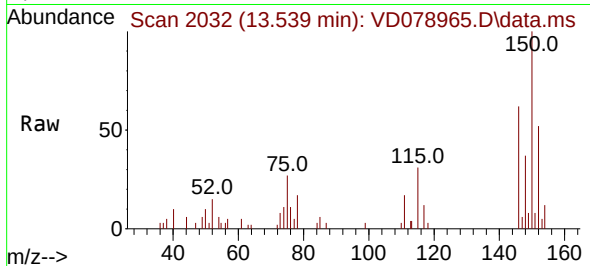
#65
1,4-Dichlorobenzene
Concen: 1.234 ug/L
RT: 13.539 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT2-2024-03

Tgt Ion:146 Resp: 6570
Ion Ratio Lower Upper
146 100
111 27.6 26.9 50.1
148 60.7 46.4 86.2

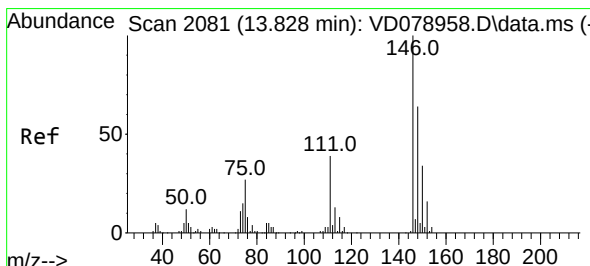
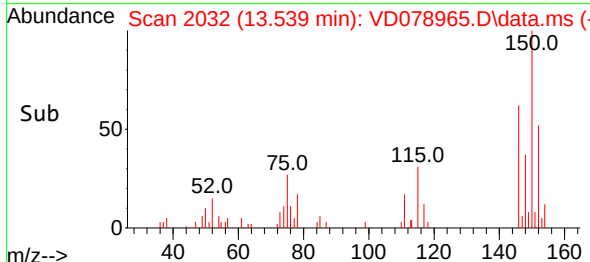
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Dadoda



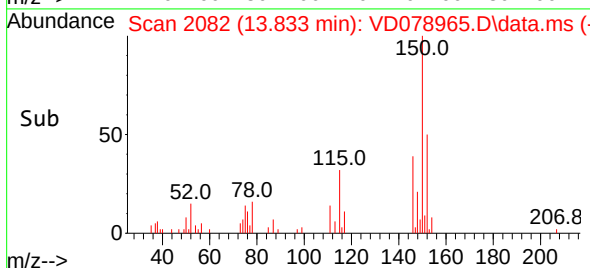
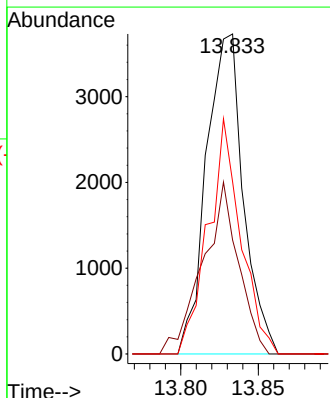
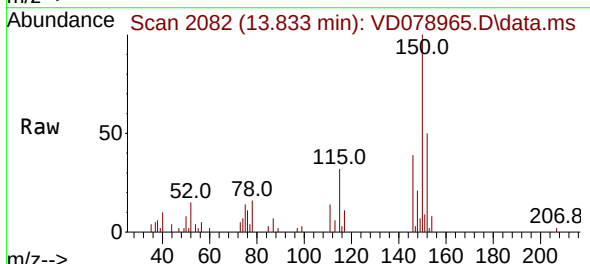
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Supervised By :Semsettin
Yesilyurt

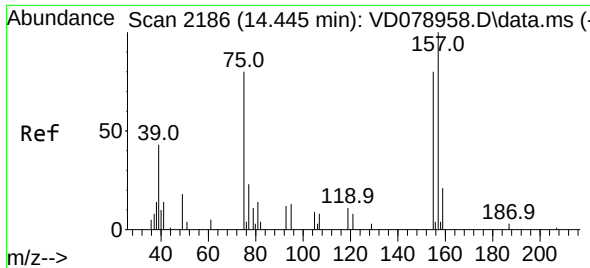
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#67
1,2-Dichlorobenzene
Concen: 1.322 ug/L
RT: 13.833 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

Tgt Ion:146 Resp: 6185
Ion Ratio Lower Upper
146 100
111 35.6 30.9 46.3
148 53.8 51.4 77.0





#68

1,2-Dibromo-3-chloropropane

Concen: 1.156 ug/L m

RT: 14.439 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078965.D

Acq: 17 May 2024 16:59

Instrument :

MSVOA_D

ClientSampleId :

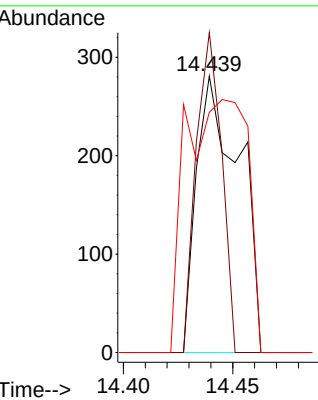
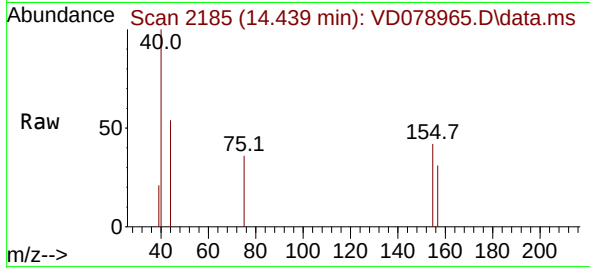
MDL-SOIL-QT2-2024-03

Tgt Ion: 75	Resp: 380
Ion Ratio	Lower Upper
75	100
155	115.7 79.8 119.6
157	86.8 99.9 149.9

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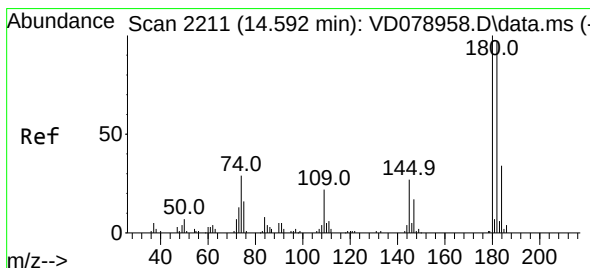
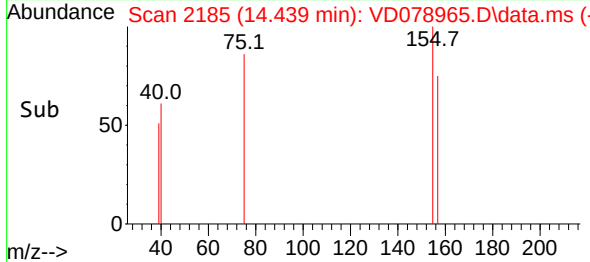
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Dadoda



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#69

1,3,5-Trichlorobenzene

Concen: 1.072 ug/L m

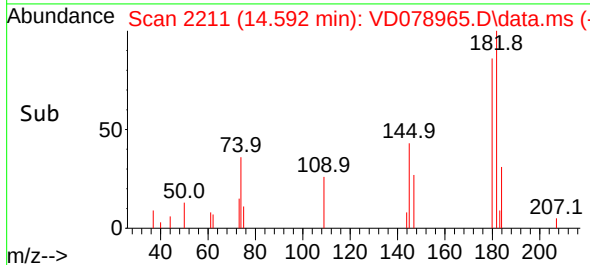
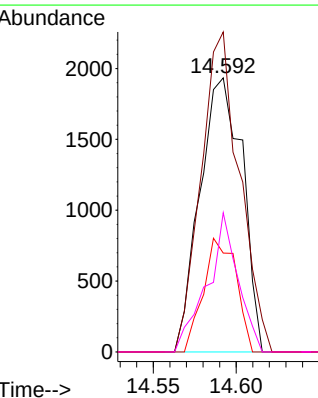
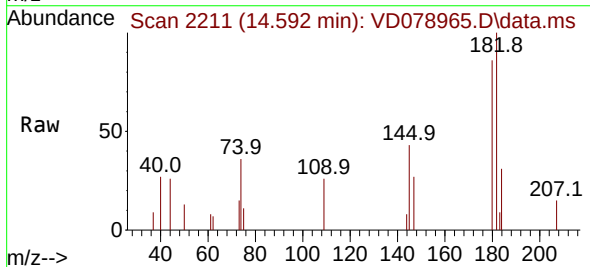
RT: 14.592 min Scan# 2211

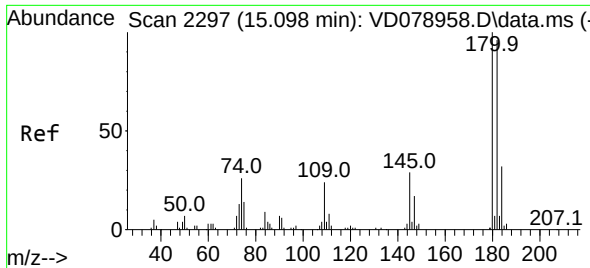
Delta R.T. -0.000 min

Lab File: VD078965.D

Acq: 17 May 2024 16:59

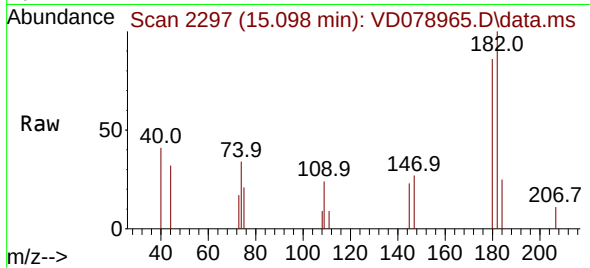
Tgt Ion:180	Resp: 3442
Ion Ratio	Lower Upper
180	100
182	77.4 76.2 114.2
184	28.0 24.9 37.3
145	20.0 22.0 33.0





#70
1,2,4-trichlorobenzene
Concen: 1.115 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

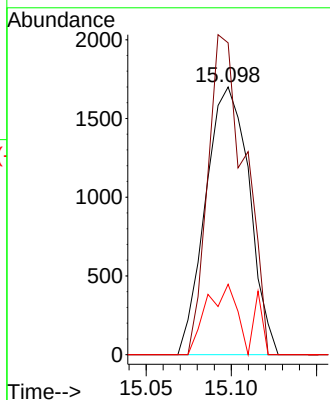
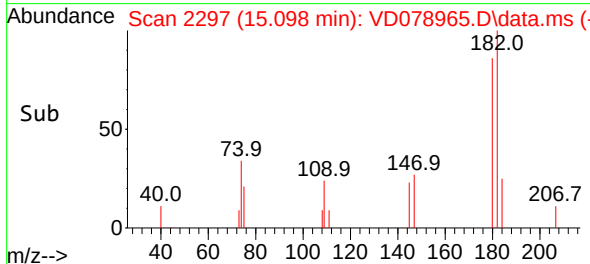
Instrument : MSVOA_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion:180 Resp: 3030
Ion Ratio Lower Upper
180 100
182 101.6 76.4 114.6
145 18.3 22.8 34.2

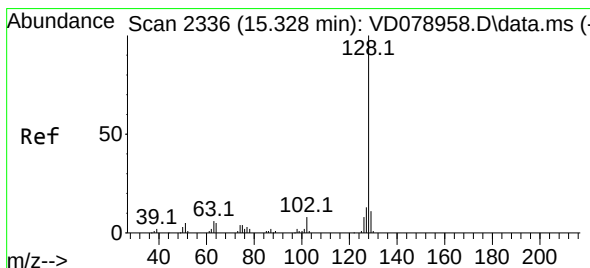
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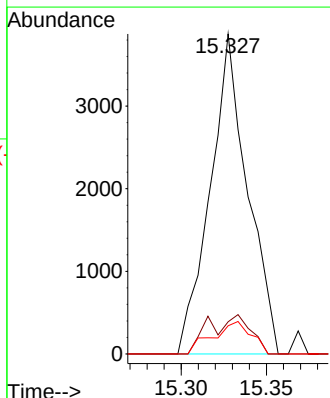
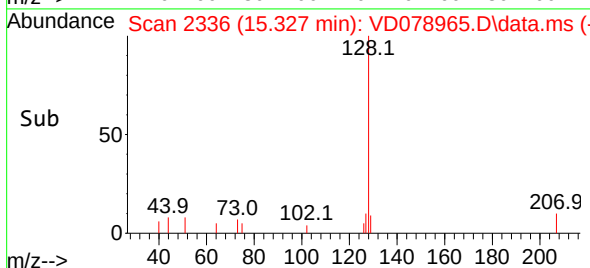
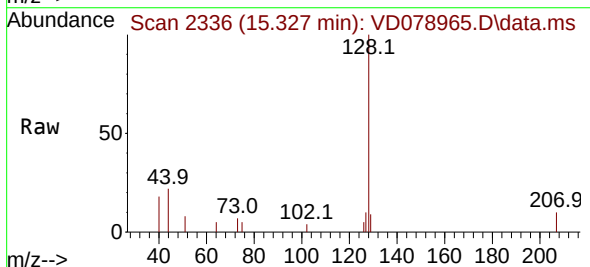
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Supervised By :Semsettin
Yesilyurt

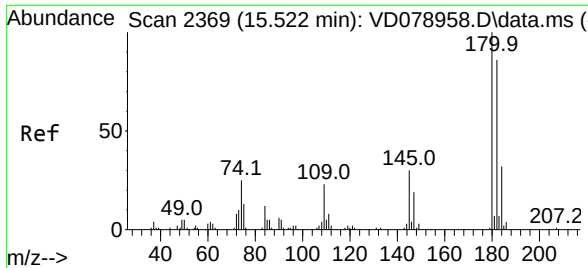
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#71
Naphthalene
Concen: 1.064 ug/L
RT: 15.327 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:59

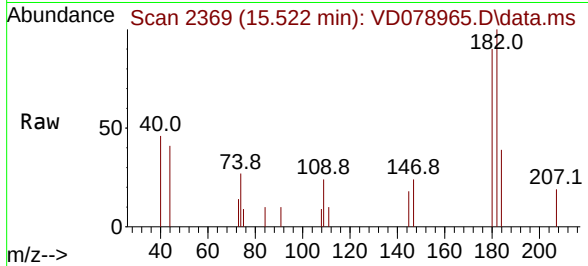
Tgt Ion:128 Resp: 5901
Ion Ratio Lower Upper
128 100
127 8.3 10.3 15.5#
129 7.0 8.6 12.8#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.024 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078965.D
 Acq: 17 May 2024 16:59

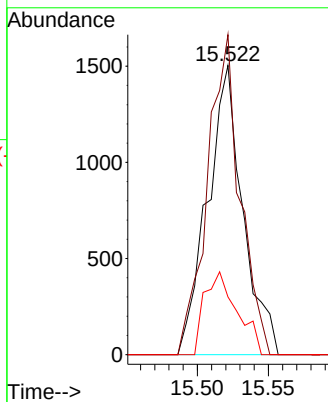
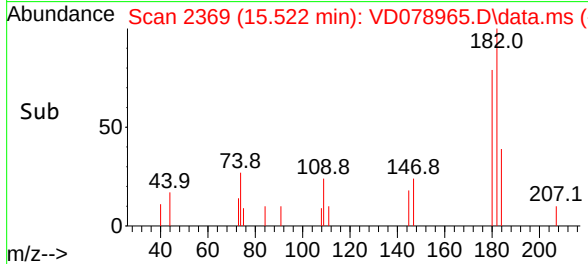
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-QT2-2024-03



Tgt Ion:180 Resp: 260
 Ion Ratio Lower Upper
 180 100
 182 102.4 77.2 115.8
 145 26.5 24.4 36.6

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 Dadoda



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 Supervised By :Semsettin
 Yesilyurt

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