

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080624\
 Data File : VW029838.D
 Acq On : 06 Aug 2024 13:24
 Operator : SY/MD
 Sample : P3391-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/13/2024
 Supervised By :Semsettin Yesilyurt 08/13/2024

Quant Time: Aug 07 02:48:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 07 02:26:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	216407	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	200566	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	95300	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	50115	16.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.240%
7) Chloroethane-d5	2.893	69	43041	19.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.480%
11) 1,1-Dichloroethene-d2	4.021	65	25539	18.211	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.840%
21) 2-Butanone-d5	7.081	46	40375	47.948	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.900%
24) Chloroform-d	7.648	84	140551	25.089	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.360%
26) 1,2-Dichloroethane-d4	8.307	65	84616	26.519	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.080%
32) Benzene-d6	8.270	84	259603	23.955	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.840%
36) 1,2-Dichloropropane-d6	9.270	67	90373	26.117	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.480%
41) Toluene-d8	10.325	98	229561	23.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.280%
43) trans-1,3-Dichloroprop...	10.581	79	32223	23.013	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.040%
47) 2-Hexanone-d5	10.922	63	25095	43.982	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	68682	26.731	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	78118	26.399	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.600%
Target Compounds						
2) Dichlorodifluoromethane	2.015	85	3664m	1.256	ug/L	
3) Chloromethane	2.216	50	4961	1.374	ug/L	94
5) Vinyl chloride	2.369	62	5359m	1.325	ug/L	
6) Bromomethane	2.783	94	2997	1.349	ug/L	86
8) Chloroethane	2.936	64	2715	1.180	ug/L	99
9) Trichlorofluoromethane	3.265	101	3661	1.133	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	5146m	1.599	ug/L	
12) 1,1-Dichloroethene	4.045	96	4173	1.412	ug/L #	1
14) Carbon disulfide	4.387	76	11050	1.123	ug/L	100
15) Methyl Acetate	4.685	43	2045	1.173	ug/L #	74
16) Methylene chloride	4.923	84	10427	2.305	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	3971	1.246	ug/L	87
18) Methyl tert-butyl Ether	5.435	73	5838m	1.112	ug/L	
19) 1,1-Dichloroethane	6.216	63	8713	1.297	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	4400	1.273	ug/L	91
22) 2-Butanone	7.191	43	3460m	2.580	ug/L	
23) Bromochloromethane	7.520	128	1928	1.314	ug/L	84
25) Chloroform	7.679	83	9716	1.535	ug/L	97
27) 1,2-Dichloroethane	8.398	62	5892	1.277	ug/L	97

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 Supervised By :Semsettin Yesilyurt 08/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	5463	0.958	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	6484	1.277	ug/L	99
31) Carbon tetrachloride	8.069	117	5601	1.224	ug/L	95
33) Benzene	8.325	78	18620	1.355	ug/L	100
34) Trichloroethene	9.093	95	4709	1.307	ug/L	98
35) Methylcyclohexane	9.337	83	6207	1.034	ug/L	92
37) 1,2-Dichloropropane	9.368	63	4932	1.310	ug/L #	96
38) Bromodichloromethane	9.648	83	5943	1.325	ug/L	90
39) cis-1,3-Dichloropropene	10.075	75	6848	1.249	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	5013	2.096	ug/L #	96
42) Toluene	10.386	91	18012	1.284	ug/L	97
44) trans-1,3-Dichloropropene	10.611	75	6337m	1.392	ug/L	
45) 1,1,2-Trichloroethane	10.788	97	3389	1.340	ug/L	94
46) Tetrachloroethene	10.861	164	3609	1.378	ug/L	96
48) 2-Hexanone	10.971	43	4440m	2.478	ug/L	
49) Dibromochloromethane	11.129	129	3325	1.266	ug/L	85
50) 1,2-Dibromoethane	11.233	107	3005	1.284	ug/L #	94
51) Chlorobenzene	11.654	112	11556	1.324	ug/L	96
52) Ethylbenzene	11.733	91	18699	1.182	ug/L	99
53) m,p-Xylene	11.837	106	6446	1.108	ug/L	89
54) o-Xylene	12.160	106	5837	1.089	ug/L	97
55) Styrene	12.178	104	9203	0.991	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	4581	1.475	ug/L #	94
59) Bromoform	12.349	173	1901	1.326	ug/L	97
60) Isopropylbenzene	12.458	105	15217	1.032	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	3191	1.377	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	11777	1.074	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	10902	0.930	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	7859	1.249	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	8639	1.337	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	7612	1.329	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	679m	1.290	ug/L	
69) 1,3,5-Trichlorobenzene	14.629	180	5242	1.218	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	4422	1.219	ug/L #	83
71) Naphthalene	15.360	128	6531	0.944	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	3407	1.038	ug/L	91

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

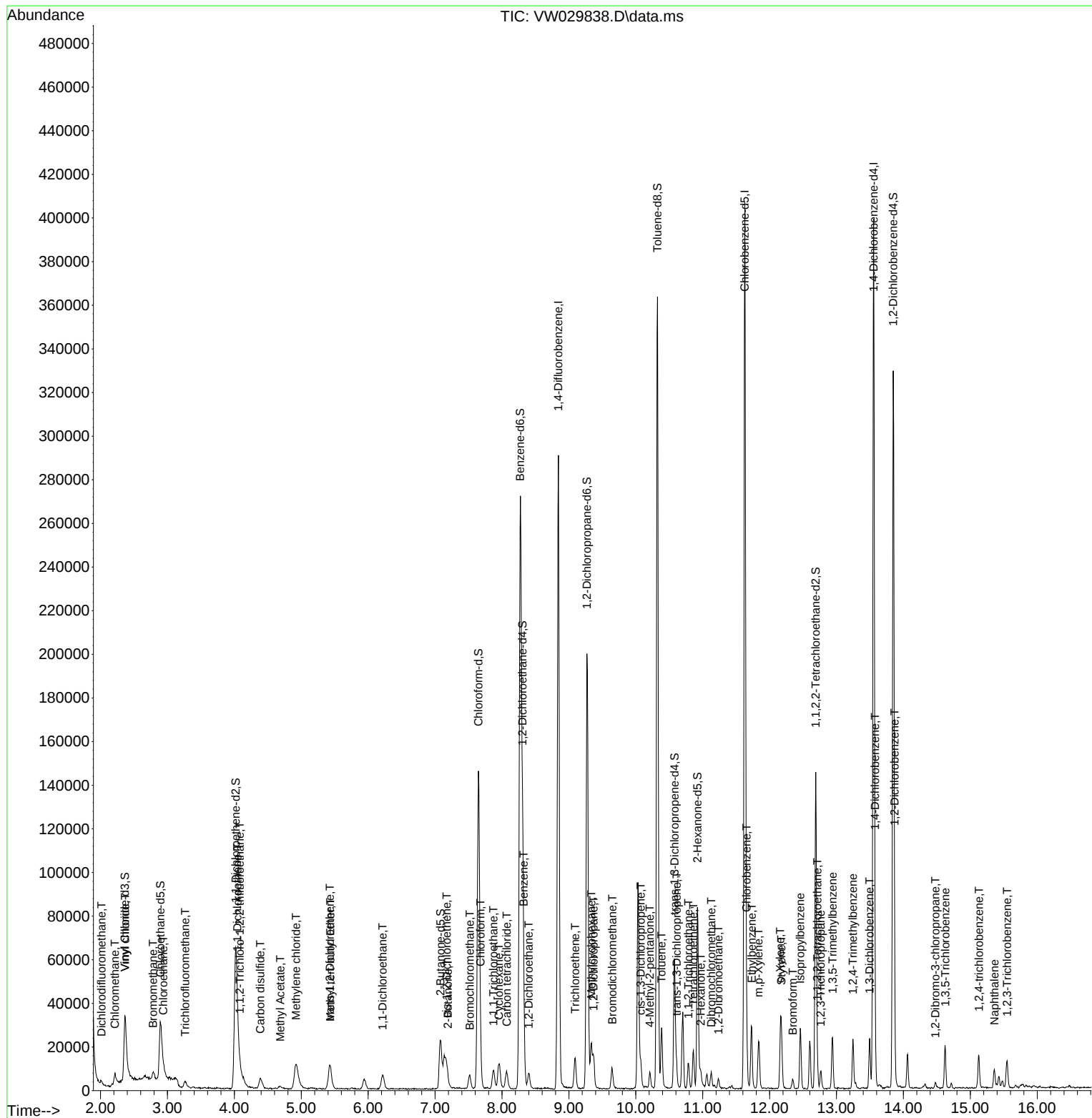
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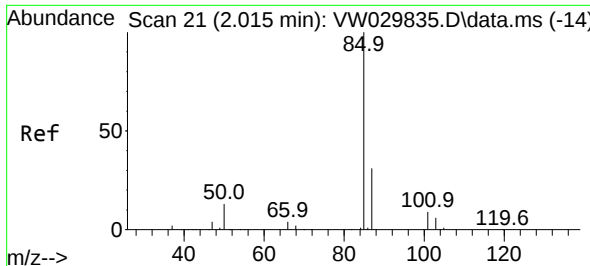
Instrument :
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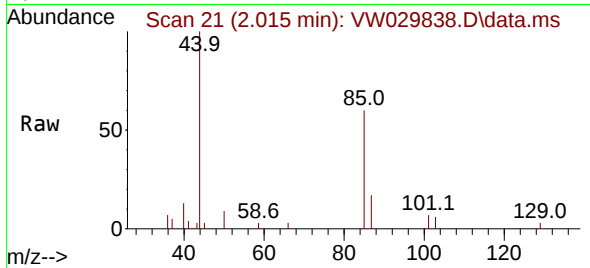
Reviewed By :Mahesh Dadoda 08/13/2024
 Supervised By :Semsettin Yesilyurt 08/13/2024





#2
Dichlorodifluoromethane
Concen: 1.256 ug/L m
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

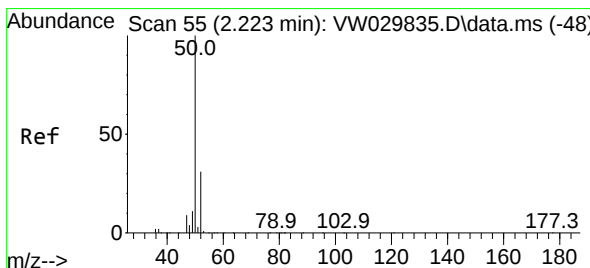
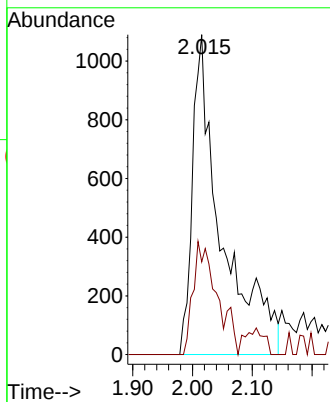
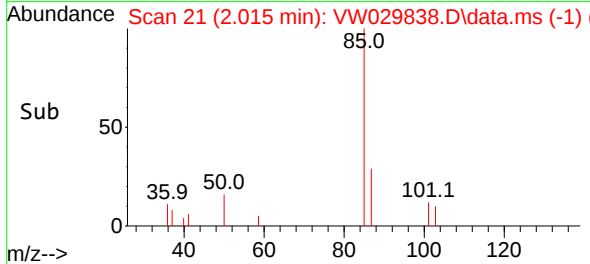
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion: 85 Resp: 366
Ion Ratio Lower Upper
85 100
87 0.6 25.5 38.3

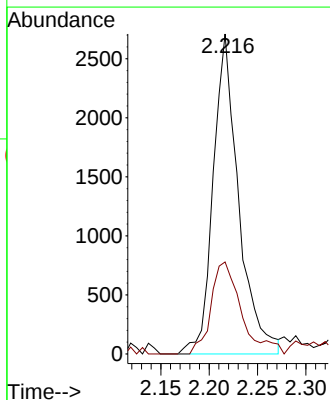
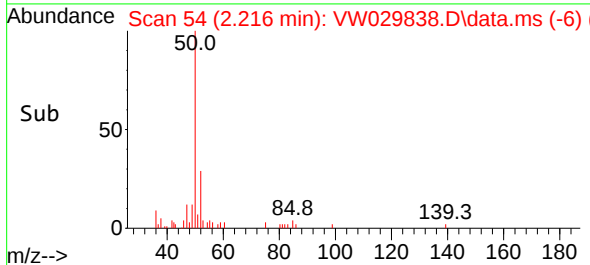
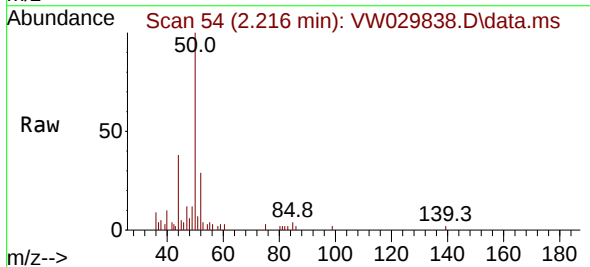
Manual Integrations
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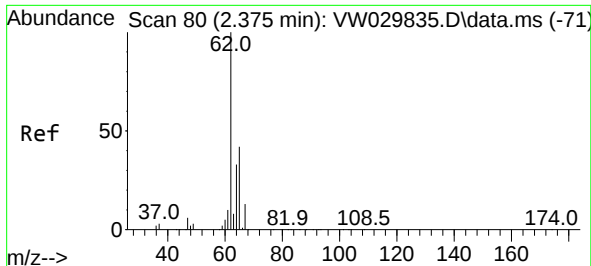
Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#3
Chloromethane
Concen: 1.374 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

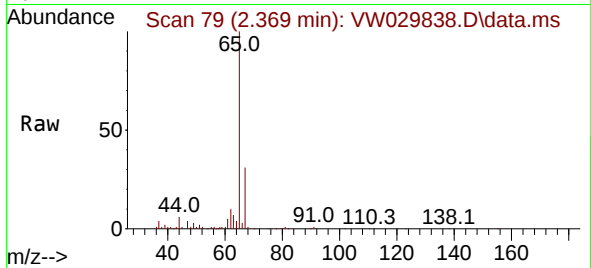
Tgt Ion: 50 Resp: 4961
Ion Ratio Lower Upper
50 100
52 28.8 22.5 41.9





#5
 Vinyl chloride
 Concen: 1.325 ug/L m
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW029838.D
 Acq: 06 Aug 2024 13:24

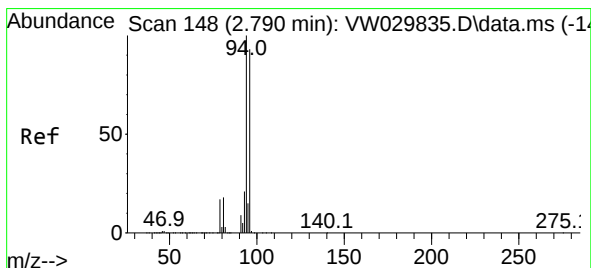
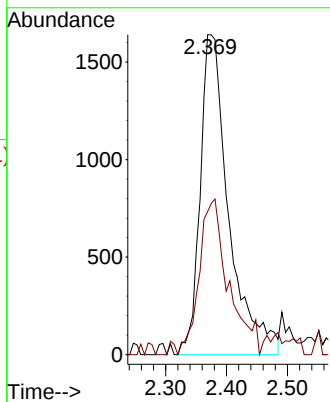
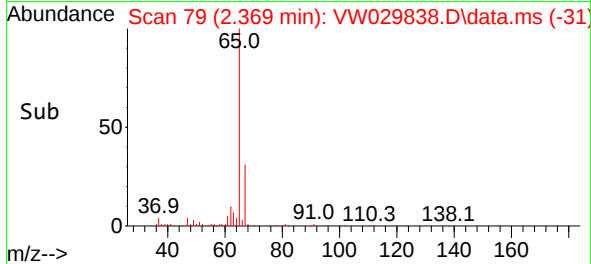
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2024-05



Tgt Ion: 62 Resp: 535
 Ion Ratio Lower Upper
 62 100
 64 44.8 23.2 43.2

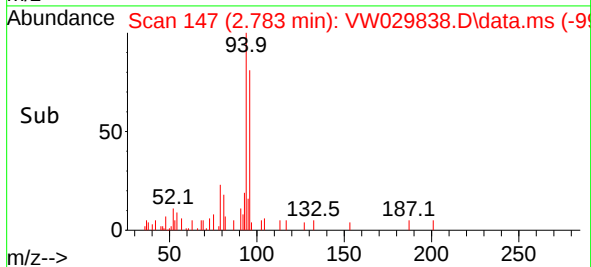
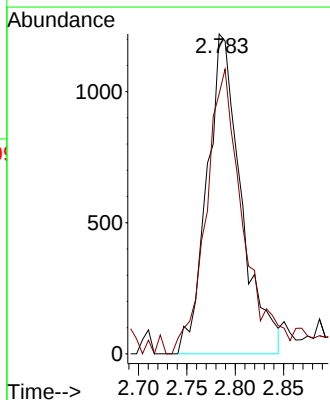
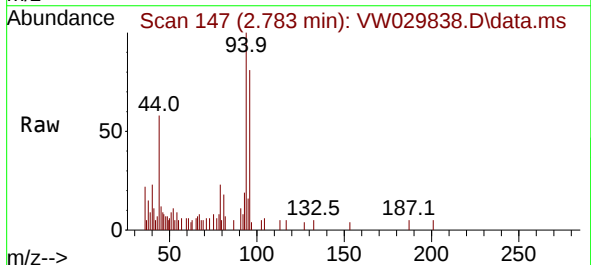
Manual Integrations
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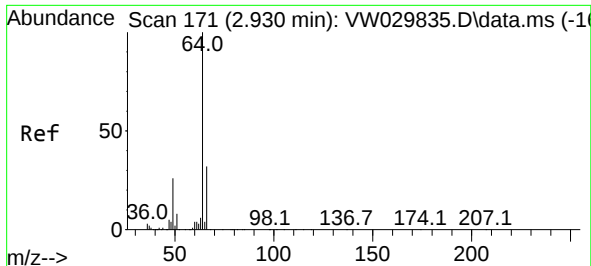
Reviewed By :Mahesh Dadoda 08/13/2024
 Supervised By :Semsettin Yesilyurt 08/13/2024



#6
 Bromomethane
 Concen: 1.349 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW029838.D
 Acq: 06 Aug 2024 13:24

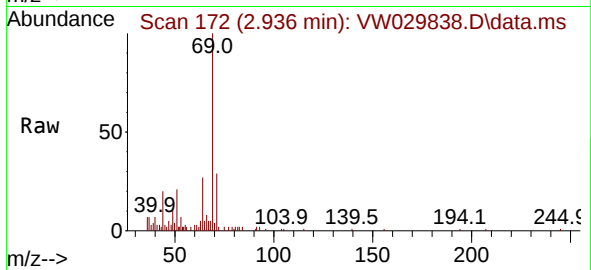
Tgt Ion: 94 Resp: 2997
 Ion Ratio Lower Upper
 94 100
 96 81.3 66.2 123.0





#8
Chloroethane
Concen: 1.180 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

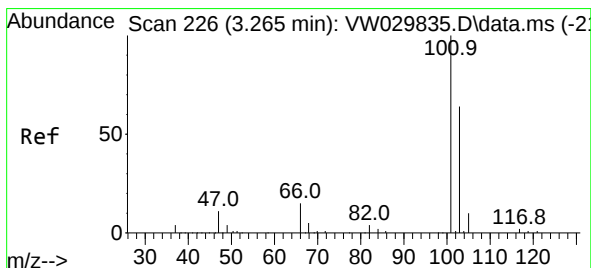
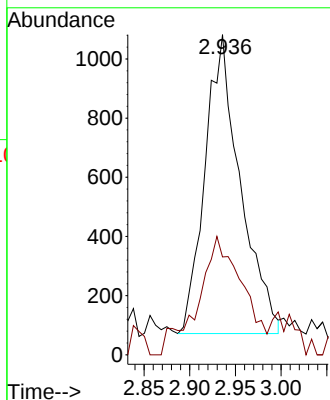
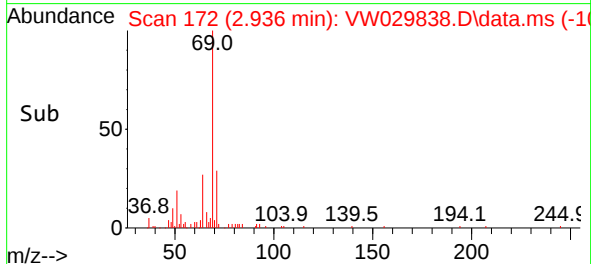
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion: 64 Resp: 271
Ion Ratio Lower Upper
64 100
66 30.6 21.2 39.4

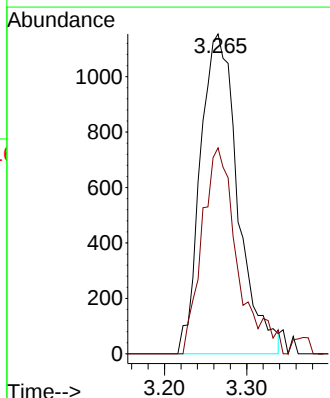
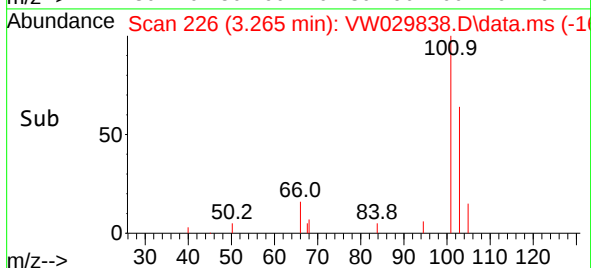
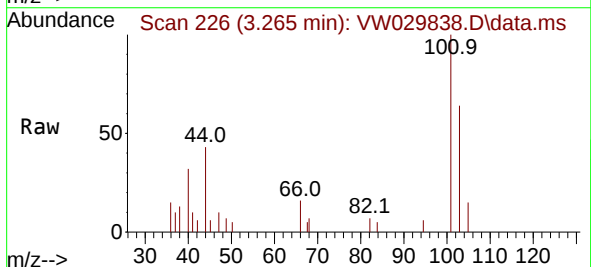
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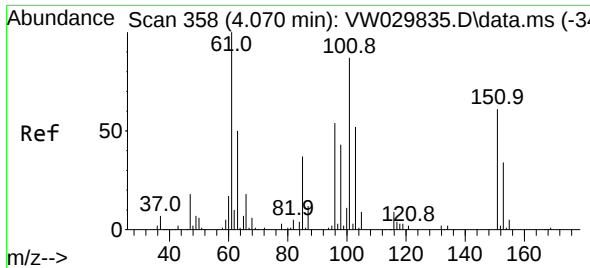
Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#9
Trichlorofluoromethane
Concen: 1.133 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

Tgt Ion:101 Resp: 3661
Ion Ratio Lower Upper
101 100
103 57.1 51.0 76.4





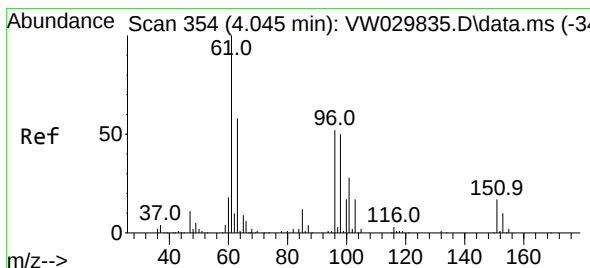
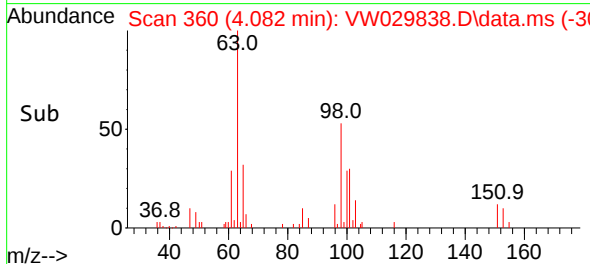
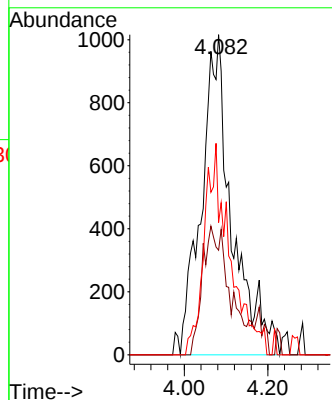
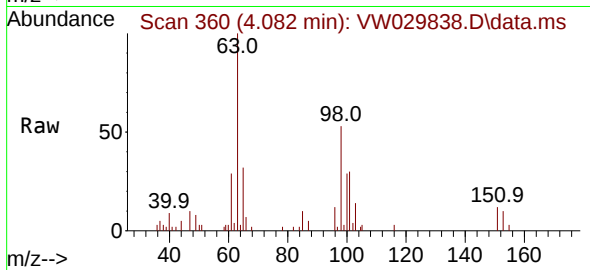
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.599 ug/L m
RT: 4.082 min Scan# 3
Delta R.T. 0.012 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

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Tgt Ion:101 Resp: 514
Ion Ratio Lower Upper
101 100
85 12.9 34.2 51.4
151 18.0 54.2 81.2

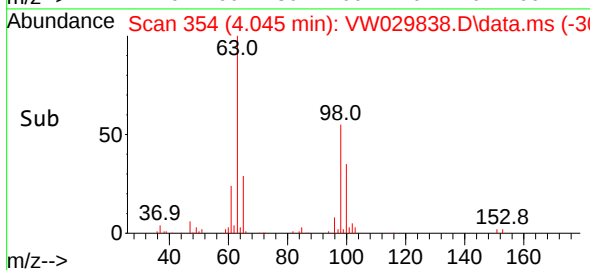
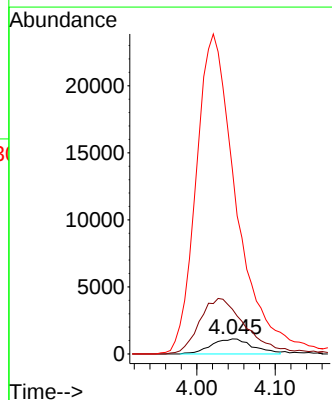
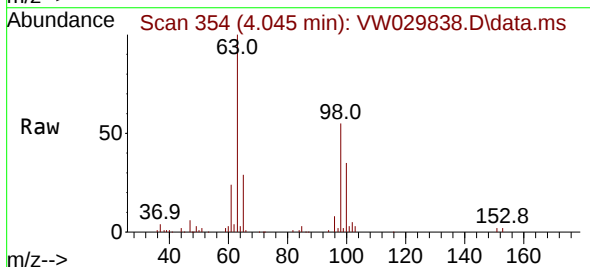
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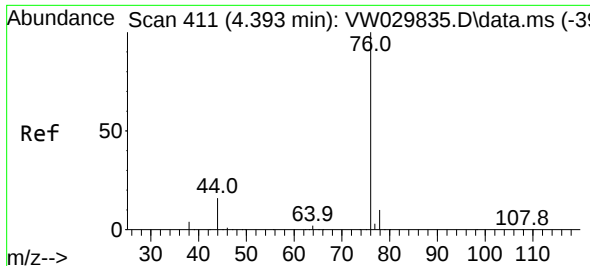
Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#12
1,1-Dichloroethene
Concen: 1.412 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

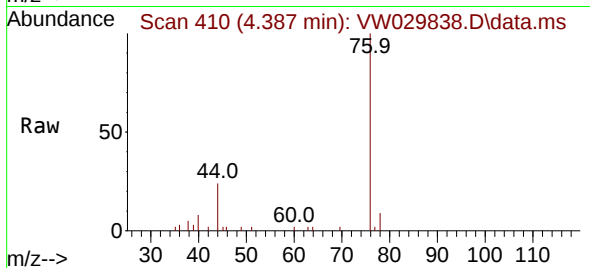
Tgt Ion: 96 Resp: 4173
Ion Ratio Lower Upper
96 100
61 298.8 138.3 256.9#
63 1232.9 89.0 165.4#





#14
Carbon disulfide
Concen: 1.123 ug/L
RT: 4.387 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

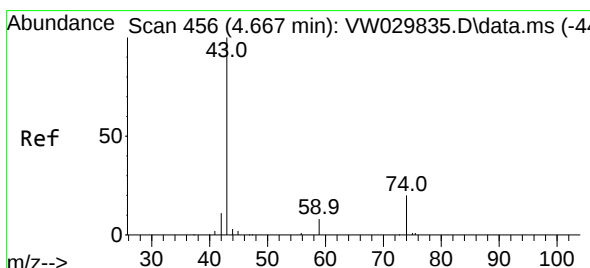
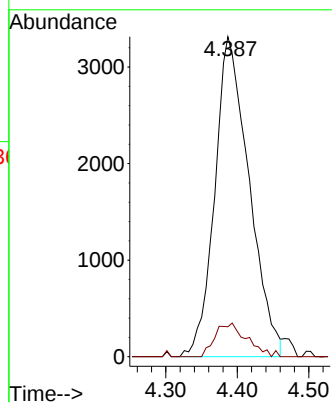
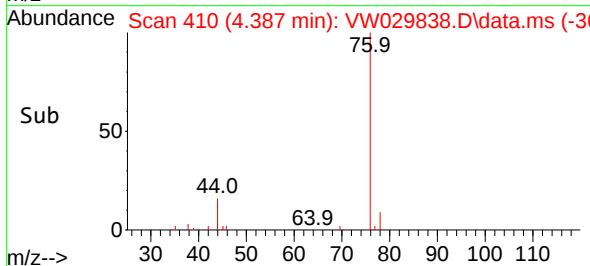
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Tgt Ion: 76 Resp: 11050
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4

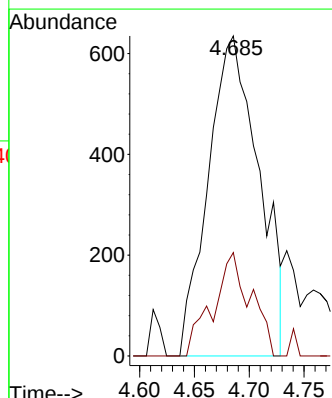
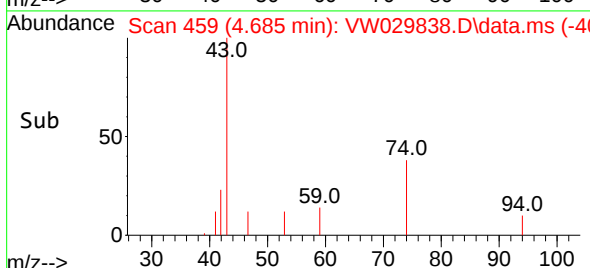
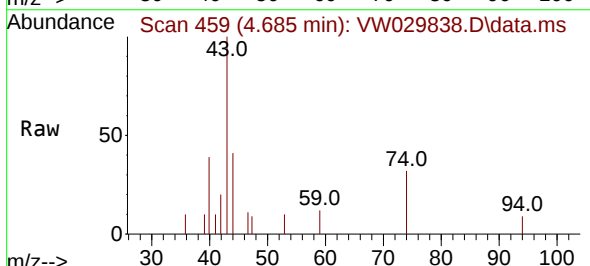
Manual Integrations
APPROVED

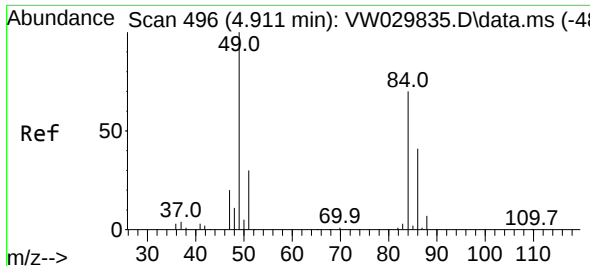
Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#15
Methyl Acetate
Concen: 1.173 ug/L
RT: 4.685 min Scan# 459
Delta R.T. 0.018 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

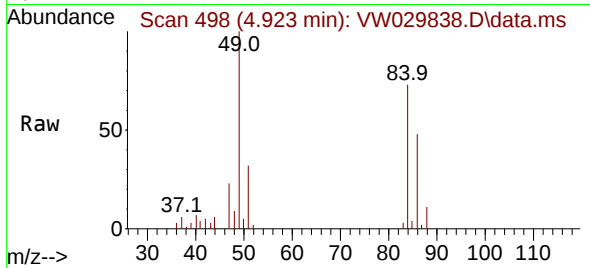
Tgt Ion: 43 Resp: 2045
Ion Ratio Lower Upper
43 100
74 8.4 16.5 24.7#





#16
Methylene chloride
Concen: 2.305 ug/L
RT: 4.923 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

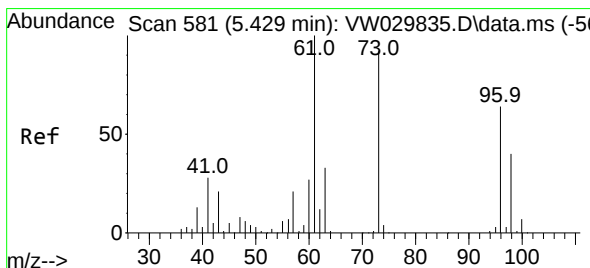
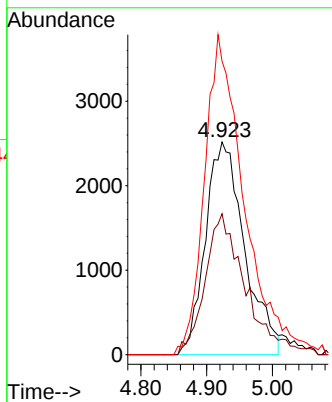
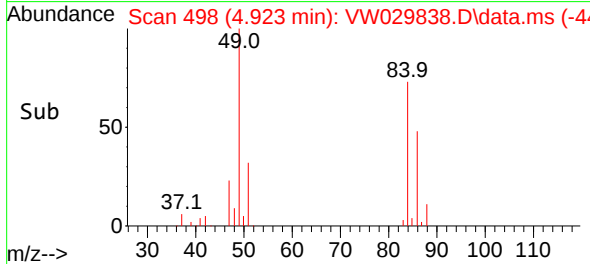
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion: 84 Resp: 1042
Ion Ratio Lower Upper
84 100
86 66.2 44.7 82.9
49 137.9 99.0 184.0

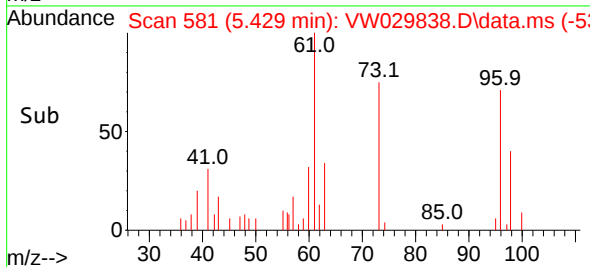
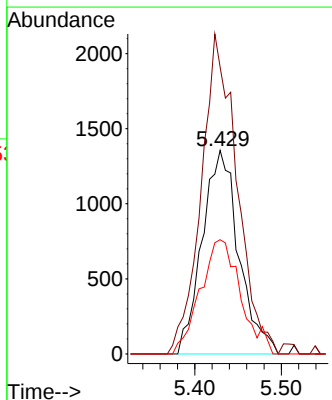
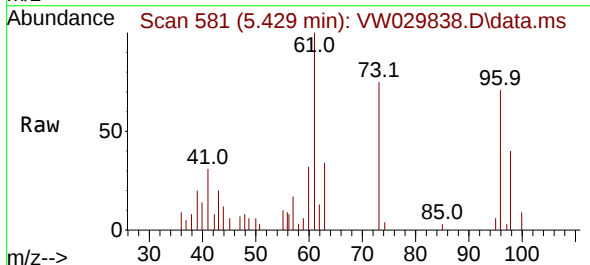
Manual Integrations
APPROVED

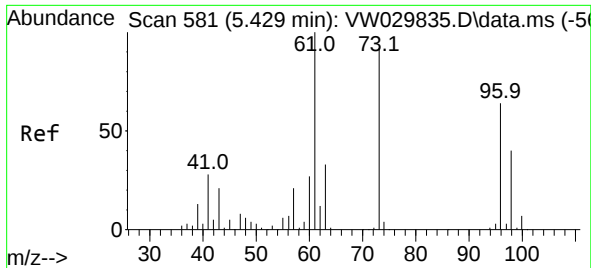
Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#17
trans-1,2-Dichloroethene
Concen: 1.246 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

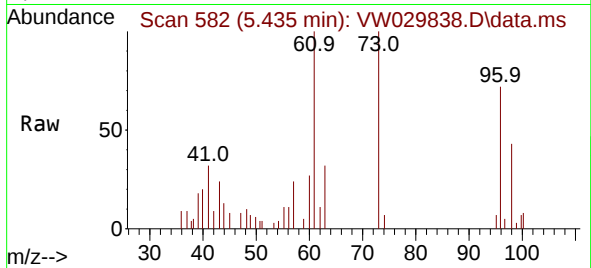
Tgt Ion: 96 Resp: 3971
Ion Ratio Lower Upper
96 100
61 141.0 111.2 206.6
98 56.2 45.0 83.6





#18
Methyl tert-butyl Ether
Concen: 1.112 ug/L m
RT: 5.435 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

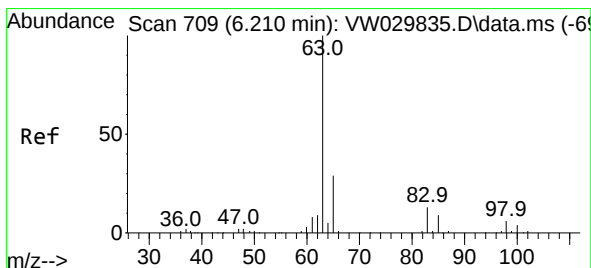
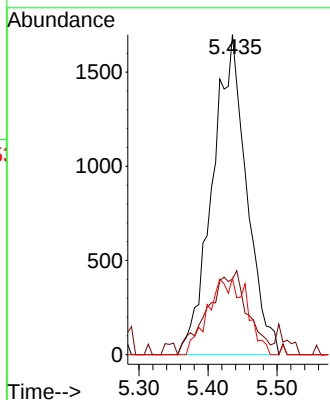
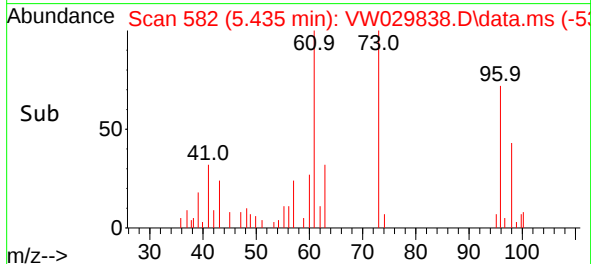
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-05



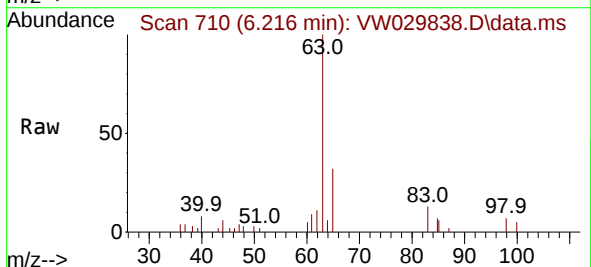
Tgt Ion: 73 Resp: 5838
Ion Ratio Lower Upper
73 100
43 6.9 18.3 27.5
57 14.9 17.9 26.9

Manual Integrations
APPROVED

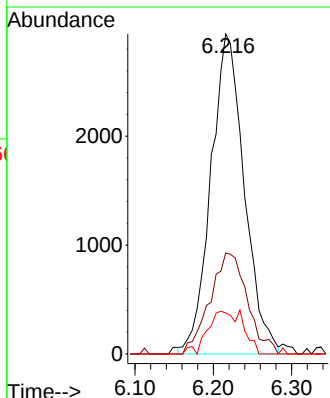
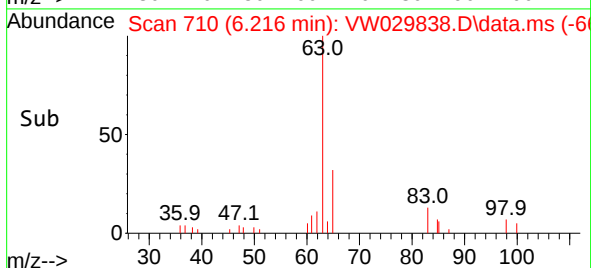
Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024

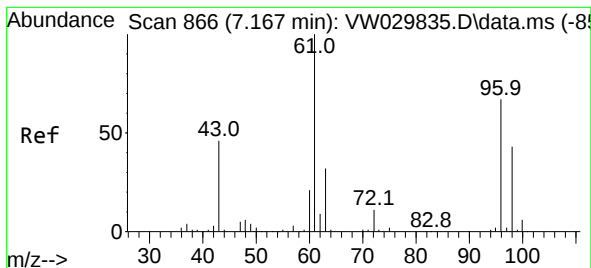


#19
1,1-Dichloroethane
Concen: 1.297 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24



Tgt Ion: 63 Resp: 8713
Ion Ratio Lower Upper
63 100
65 31.6 22.3 41.3
83 12.8 8.5 15.7





#20

cis-1,2-Dichloroethene

Concen: 1.273 ug/L

RT: 7.173 min Scan# 80

Delta R.T. 0.006 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT3-2024-05

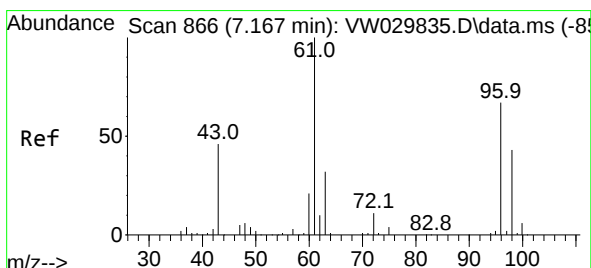
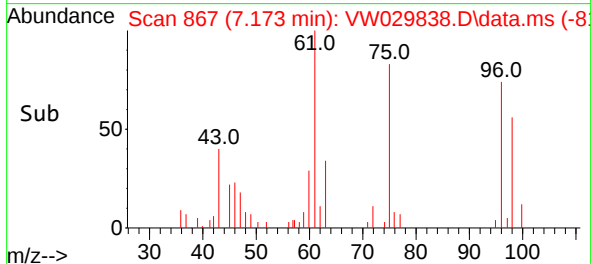
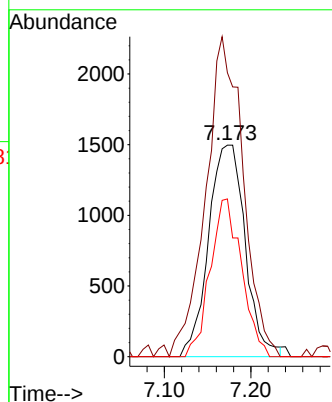
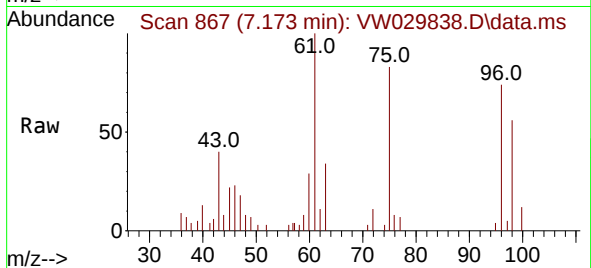
Tgt Ion: 96 Resp: 4400

Ion	Ratio	Lower	Upper
96	100		
61	134.3	98.2	182.4
98	74.6	41.9	77.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#22

2-Butanone

Concen: 2.580 ug/L m

RT: 7.191 min Scan# 870

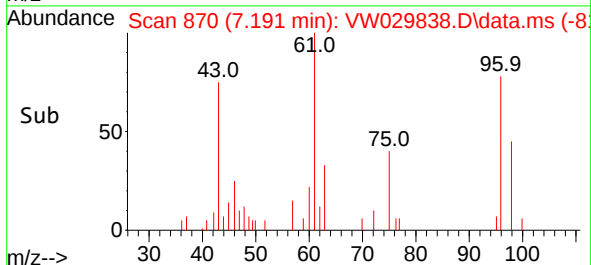
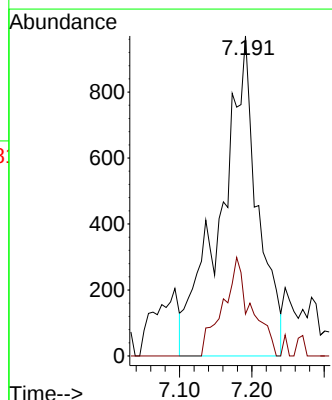
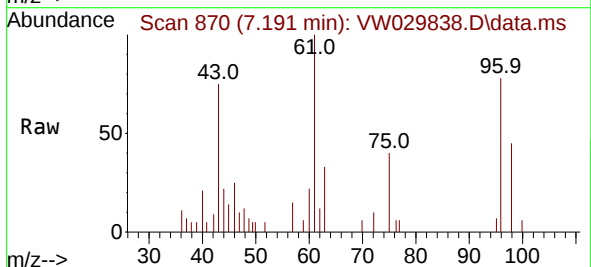
Delta R.T. 0.024 min

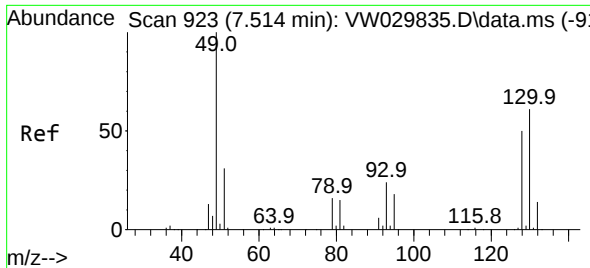
Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Tgt Ion: 43 Resp: 3460

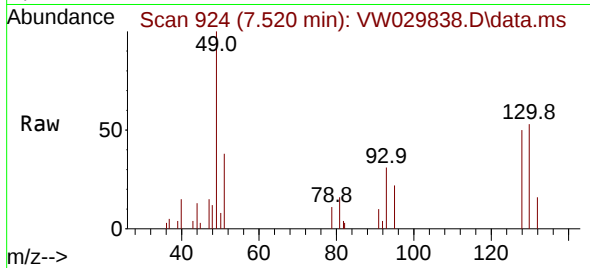
Ion	Ratio	Lower	Upper
43	100		
72	1.2	11.7	35.1#





#23
Bromochloromethane
Concen: 1.314 ug/L
RT: 7.520 min Scan# 912
Delta R.T. 0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

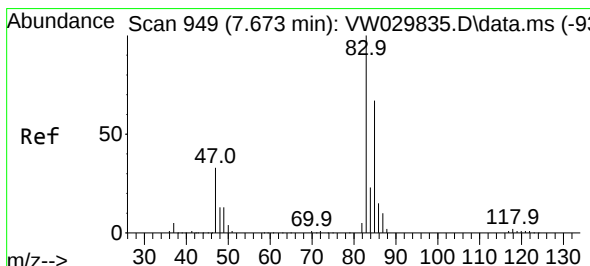
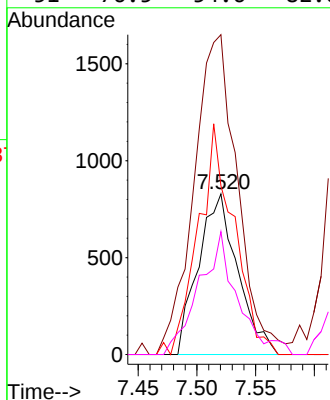
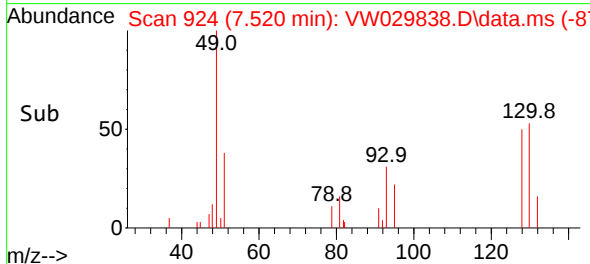
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion:128 Resp: 1928
Ion Ratio Lower Upper
128 100
49 199.0 151.1 280.7
130 105.1 96.8 179.8
51 76.5 54.6 82.0

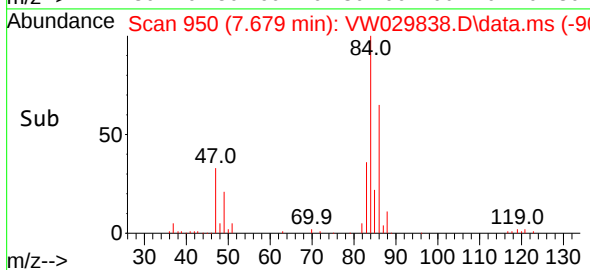
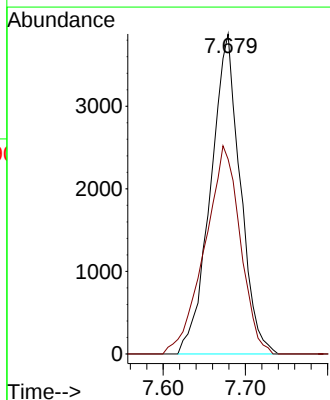
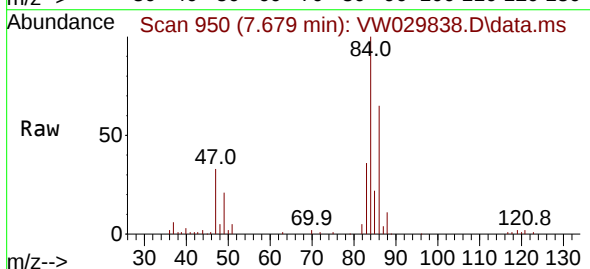
Manual Integrations
APPROVED

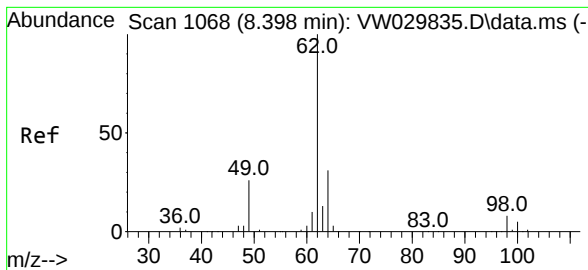
Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#25
Chloroform
Concen: 1.535 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

Tgt Ion: 83 Resp: 9716
Ion Ratio Lower Upper
83 100
85 60.8 44.4 82.4





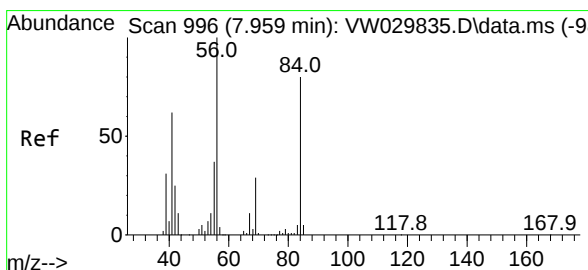
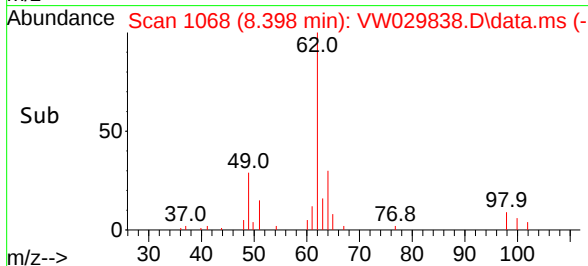
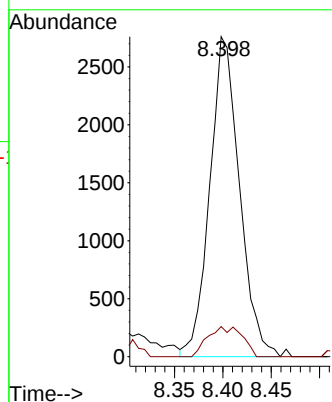
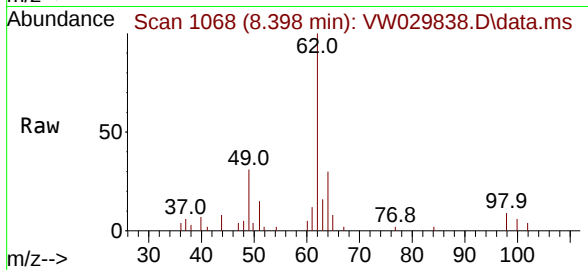
#27
1,2-Dichloroethane
Concen: 1.277 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

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

Tgt Ion: 62 Resp: 5892
Ion Ratio Lower Upper
62 100
98 9.4 6.6 10.0

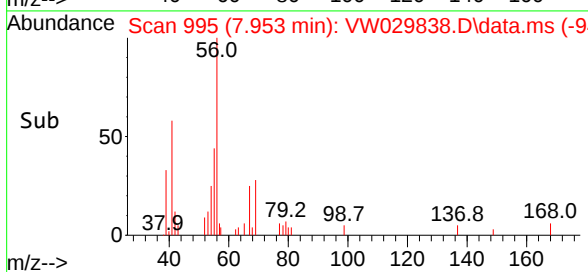
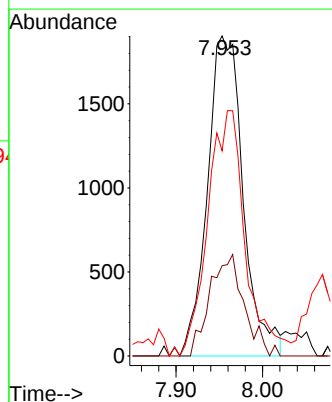
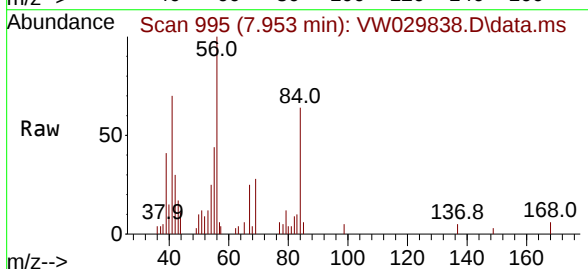
Manual Integrations
APPROVED

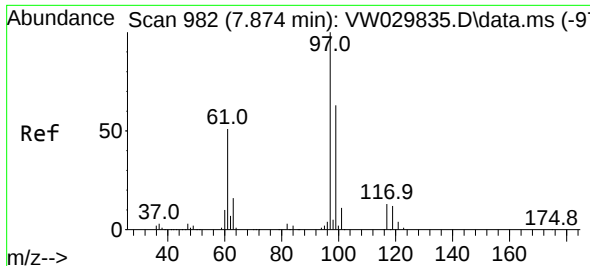
Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#29
Cyclohexane
Concen: 0.958 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

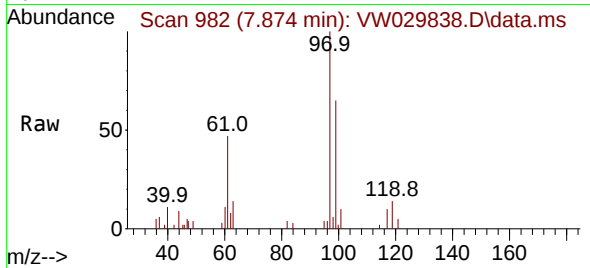
Tgt Ion: 56 Resp: 5463
Ion Ratio Lower Upper
56 100
69 29.9 23.0 34.4
84 80.1 63.5 95.3





#30
1,1,1-Trichloroethane
Concen: 1.277 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

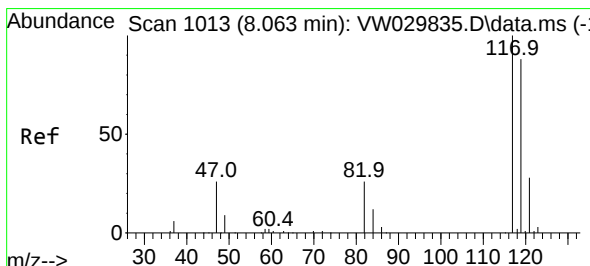
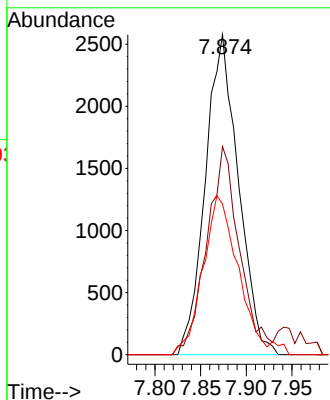
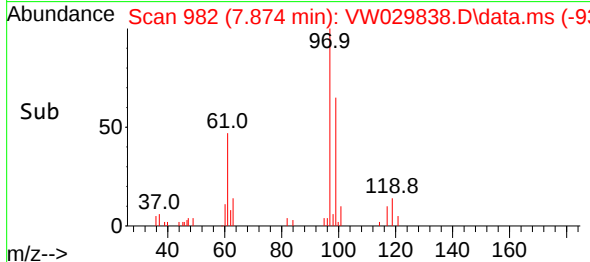
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT3-2024-05



Tgt Ion: 97 Resp: 6484
Ion Ratio Lower Upper
97 100
99 64.6 52.1 78.1
61 52.4 42.6 63.8

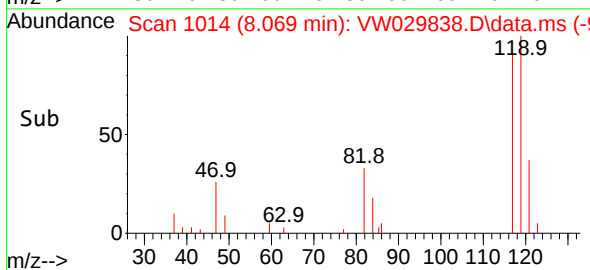
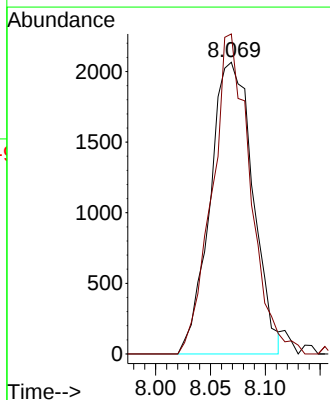
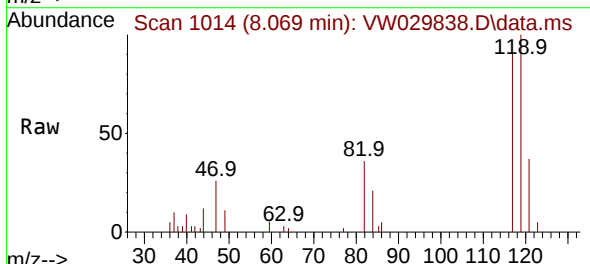
Manual Integrations
APPROVED

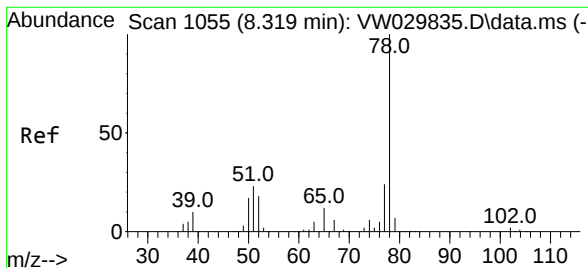
Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#31
Carbon tetrachloride
Concen: 1.224 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

Tgt Ion:117 Resp: 5601
Ion Ratio Lower Upper
117 100
119 98.2 74.8 112.2





#33

Benzene

Concen: 1.355 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

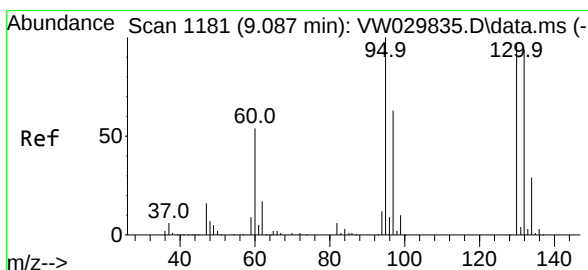
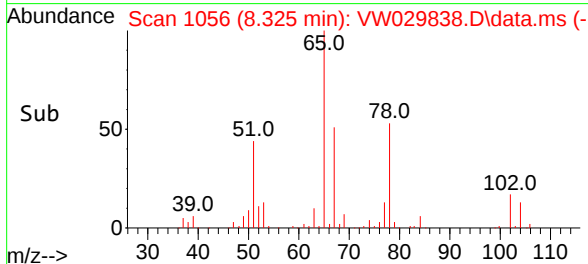
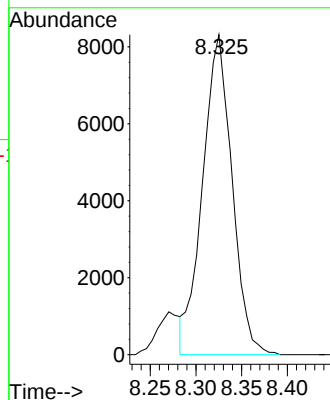
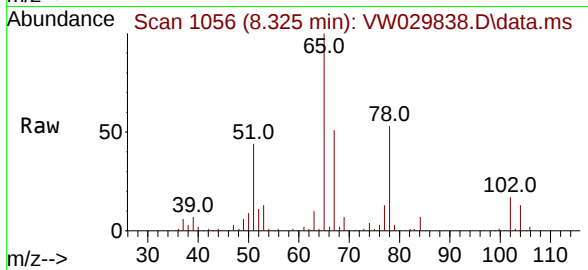
ClientSampleId :

MDL-SOIL-QT3-2024-05

Tgt Ion: 78 Resp: 18620

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#34

Trichloroethene

Concen: 1.307 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Tgt Ion: 95 Resp: 4709

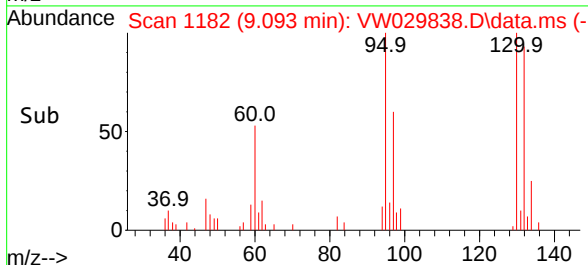
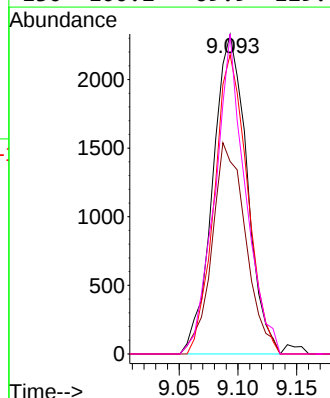
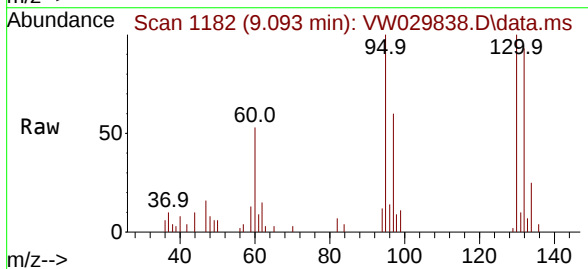
Ion Ratio Lower Upper

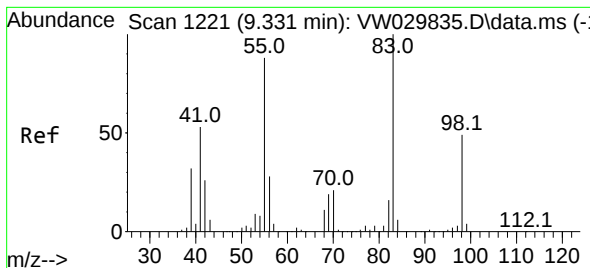
95 100

97 60.3 45.6 84.8

132 93.6 65.2 121.0

130 100.2 69.9 129.7





#35

Methylcyclohexane

Concen: 1.034 ug/L

RT: 9.337 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

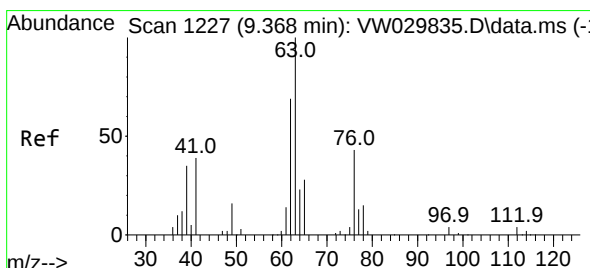
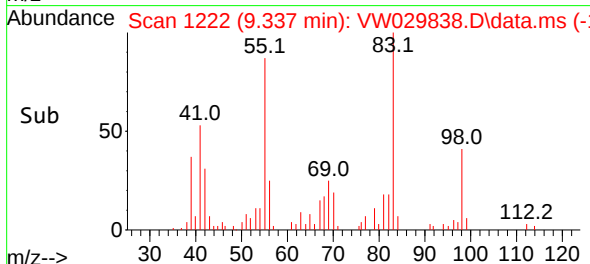
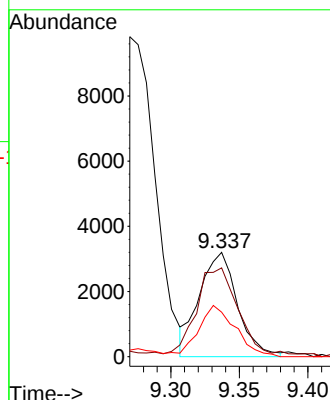
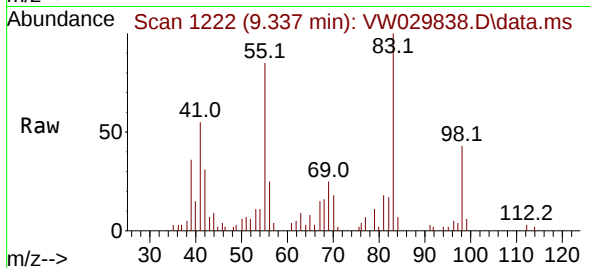
MDL-SOIL-QT3-2024-05

Tgt Ion: 83	Resp: 620
Ion Ratio	Lower Upper
83	100
55	94.9 67.4 101.2
98	46.5 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#37

1,2-Dichloropropane

Concen: 1.310 ug/L

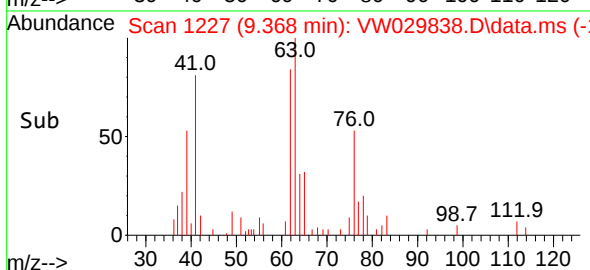
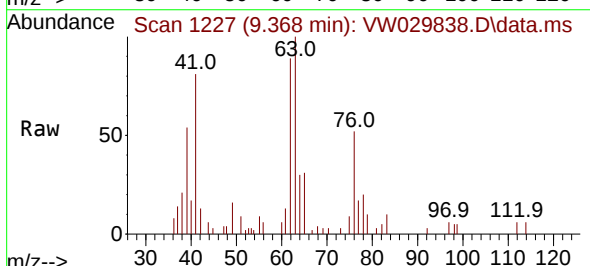
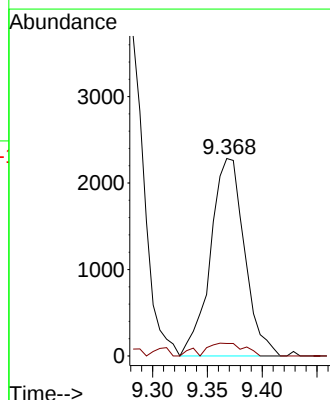
RT: 9.368 min Scan# 1227

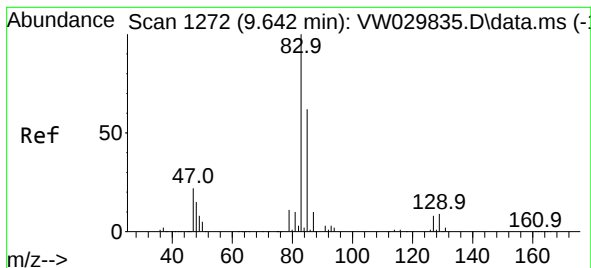
Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Tgt Ion: 63	Resp: 4932
Ion Ratio	Lower Upper
63	100
112	5.5 3.3 4.9#





#38

Bromodichloromethane

Concen: 1.325 ug/L

RT: 9.648 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

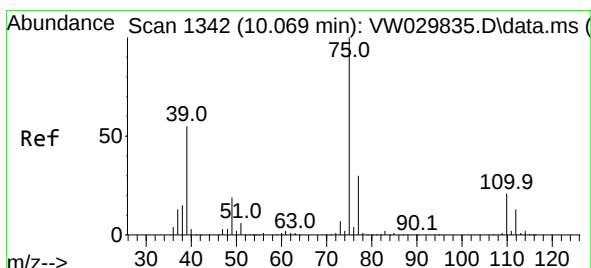
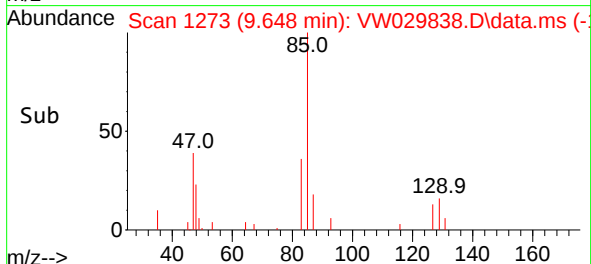
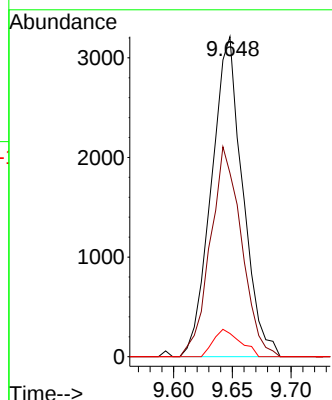
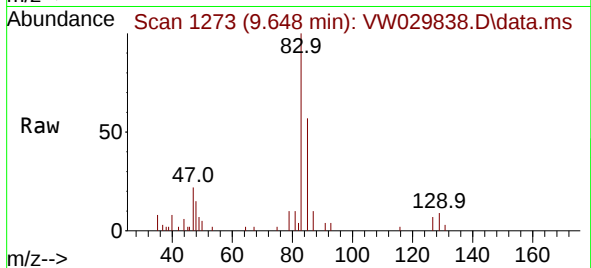
MDL-SOIL-QT3-2024-05

Tgt Ion:	83	Resp:	594
Ion Ratio	Lower	Upper	
83	100		
85	57.4	46.6	86.6
127	7.3	5.9	8.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#39

cis-1,3-Dichloropropene

Concen: 1.249 ug/L

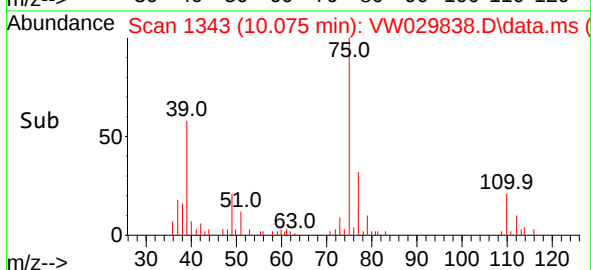
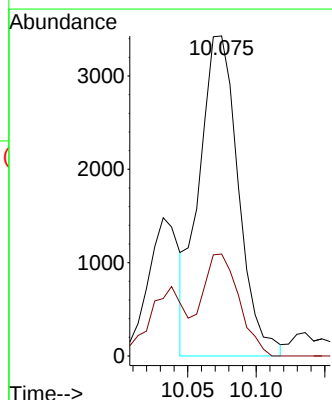
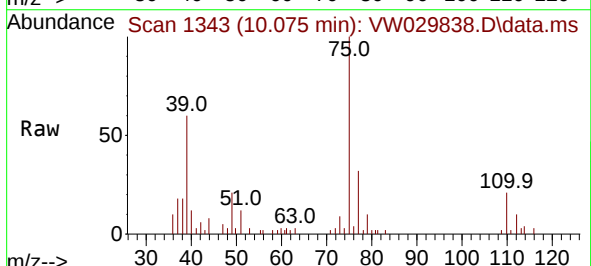
RT: 10.075 min Scan# 1343

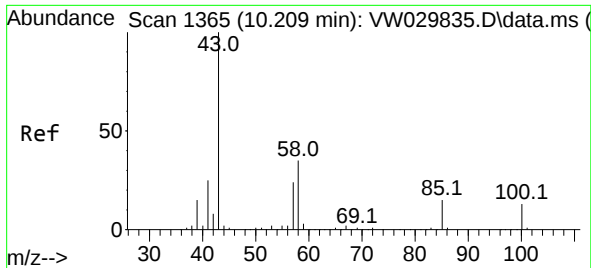
Delta R.T. 0.006 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Tgt Ion:	75	Resp:	6848
Ion Ratio	Lower	Upper	
75	100		
77	31.8	20.8	38.6





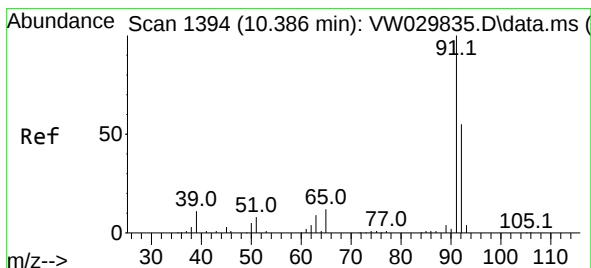
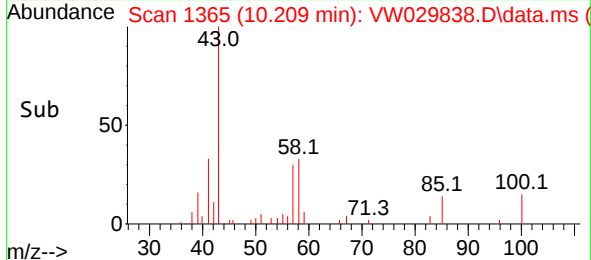
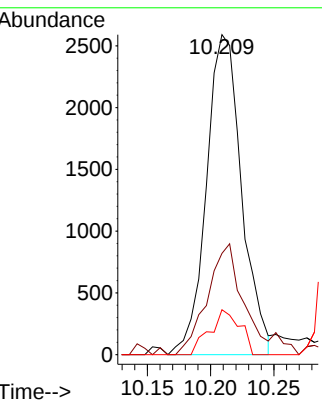
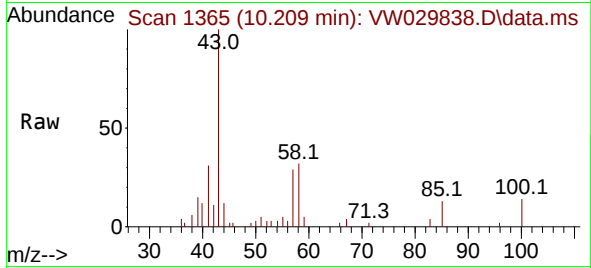
#40
4-Methyl-2-pentanone
Concen: 2.096 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

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

Tgt Ion: 43 Resp: 501
Ion Ratio Lower Upper
43 100
58 35.0 28.7 43.1
100 8.4 10.0 15.0

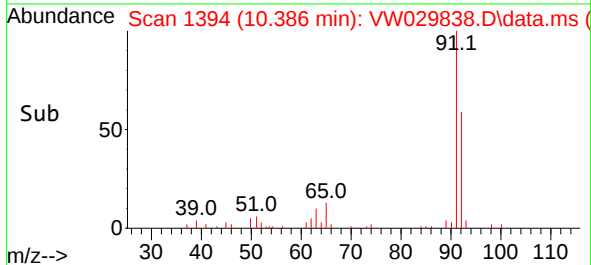
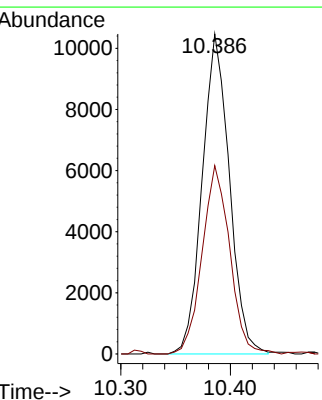
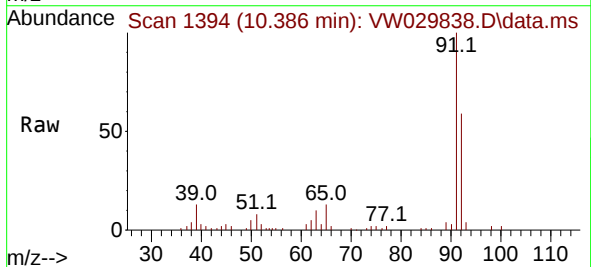
Manual Integrations
APPROVED

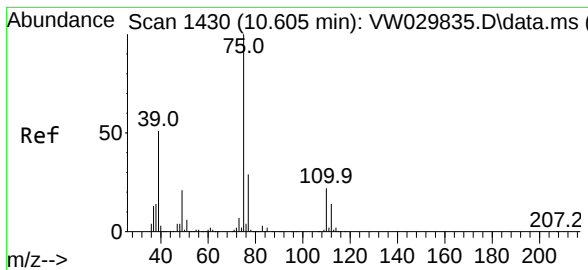
Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#42
Toluene
Concen: 1.284 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

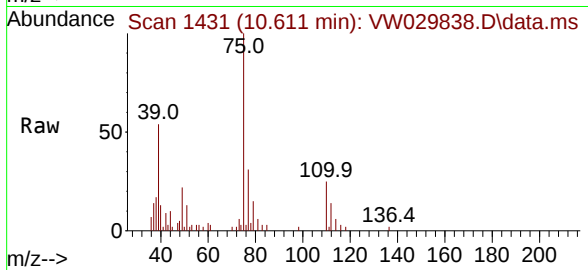
Tgt Ion: 91 Resp: 18012
Ion Ratio Lower Upper
91 100
92 58.9 39.5 73.4





#44
trans-1,3-Dichloropropene
Concen: 1.392 ug/L m
RT: 10.611 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

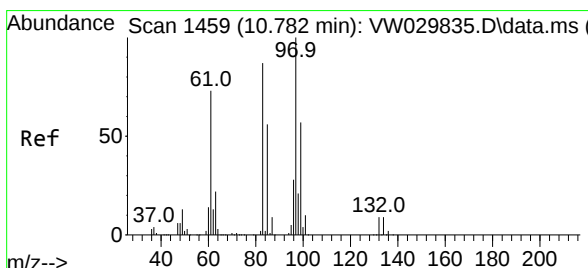
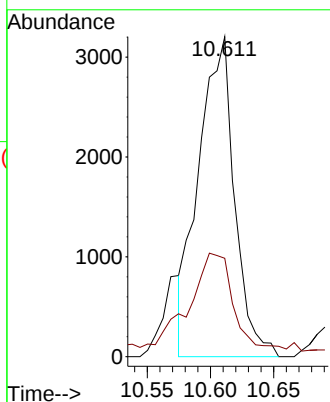
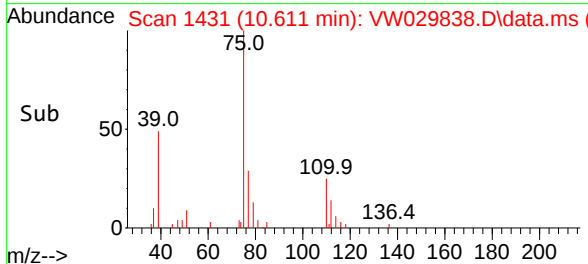
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion: 75 Resp: 633
Ion Ratio Lower Upper
75 100
77 30.8 22.0 41.0

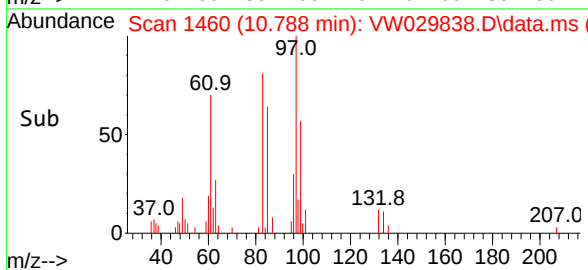
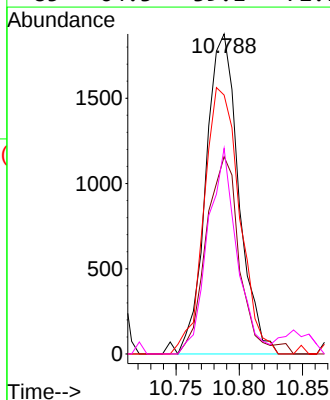
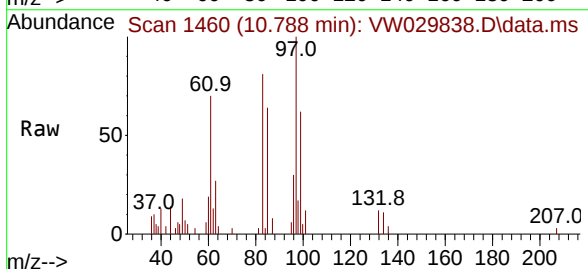
Manual Integrations
APPROVED

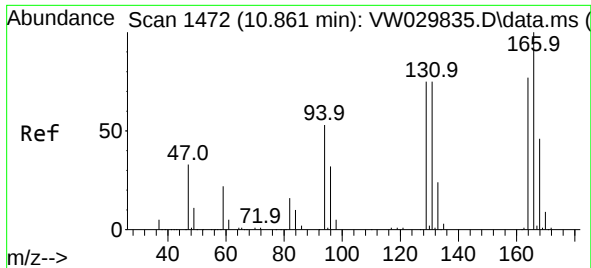
Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#45
1,1,2-Trichloroethane
Concen: 1.340 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

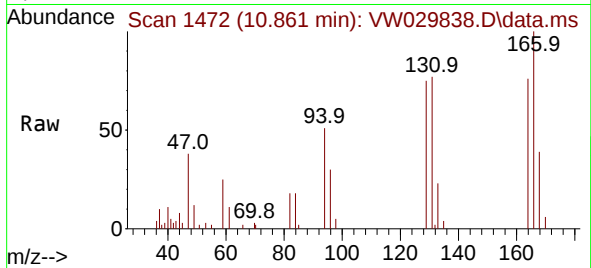
Tgt Ion: 97 Resp: 3389
Ion Ratio Lower Upper
97 100
99 61.6 40.1 74.5
83 80.9 58.5 108.7
85 64.3 39.1 72.7





#46
Tetrachloroethene
Concen: 1.378 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

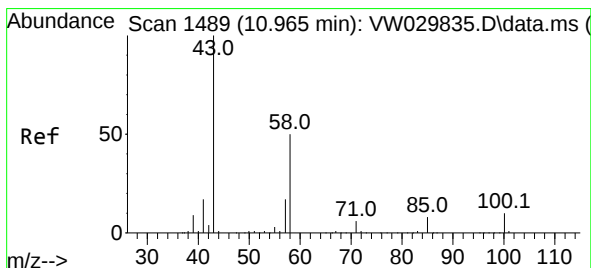
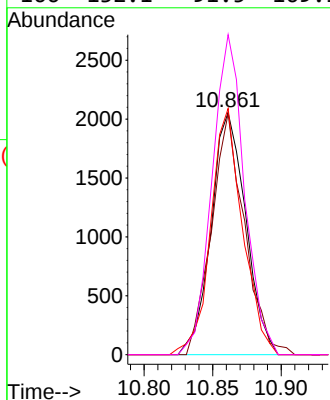
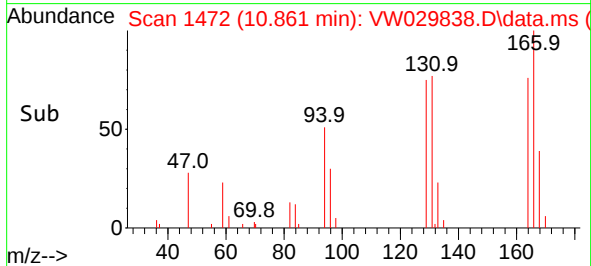
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-05



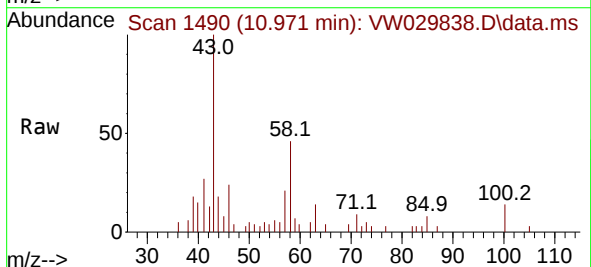
Tgt Ion:164 Resp: 3609
Ion Ratio Lower Upper
164 100
129 99.6 77.8 144.6
131 101.7 70.9 131.7
166 132.1 91.5 169.9

Manual Integrations
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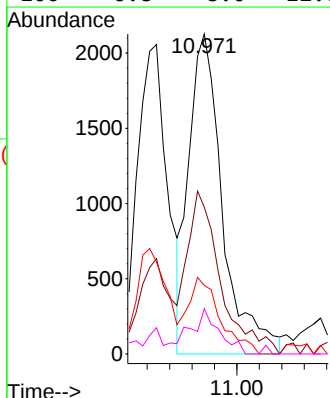
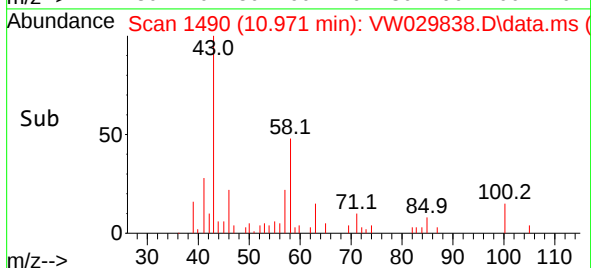
Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024

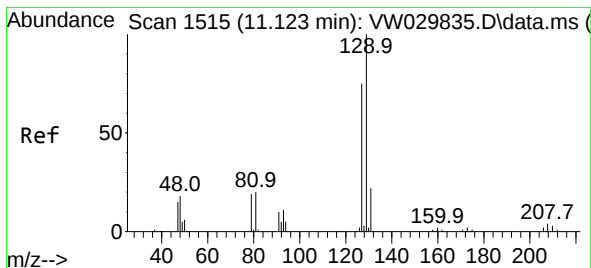


#48
2-Hexanone
Concen: 2.478 ug/L m
RT: 10.971 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24



Tgt Ion: 43 Resp: 4440
Ion Ratio Lower Upper
43 100
58 48.7 41.0 61.4
57 23.1 14.1 21.1#
100 6.8 8.0 12.0#





#49

Dibromochloromethane

Concen: 1.266 ug/L

RT: 11.129 min Scan# 1515

Delta R.T. 0.006 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

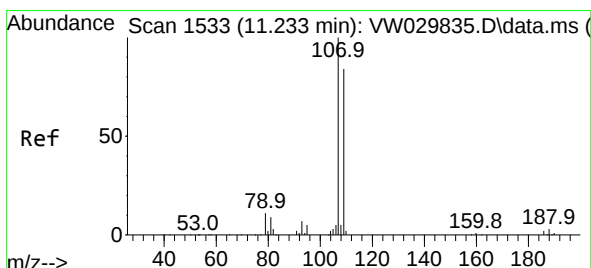
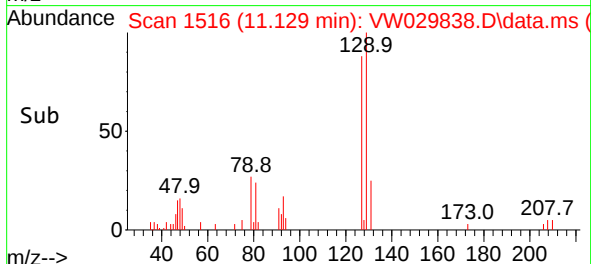
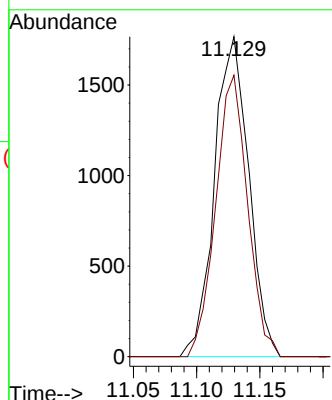
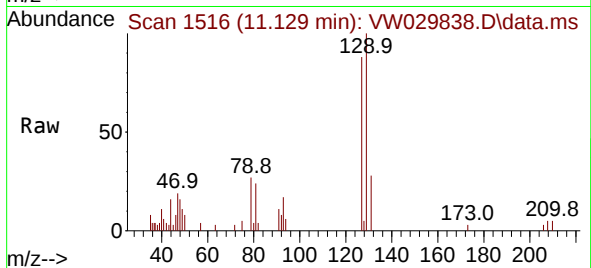
MDL-SOIL-QT3-2024-05

Tgt Ion:129 Resp: 3329
 Ion Ratio Lower Upper
 129 100
 127 87.9 52.4 97.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/13/2024
 Supervised By :Semsettin Yesilyurt 08/13/2024



#50

1,2-Dibromoethane

Concen: 1.284 ug/L

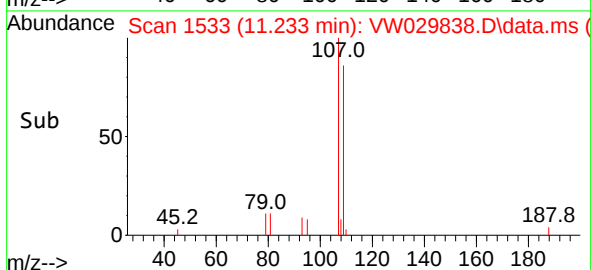
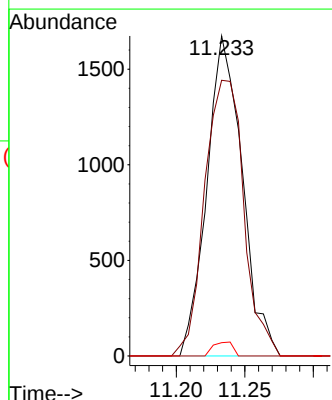
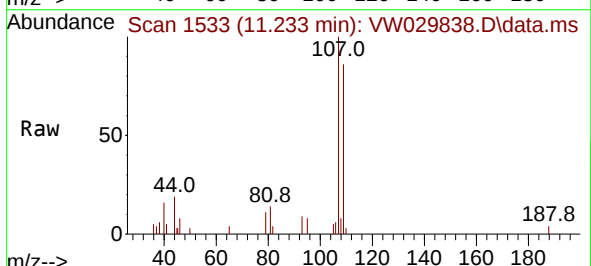
RT: 11.233 min Scan# 1533

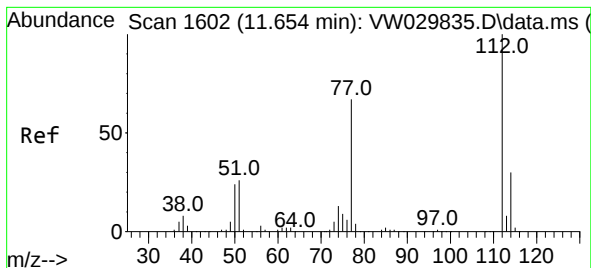
Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

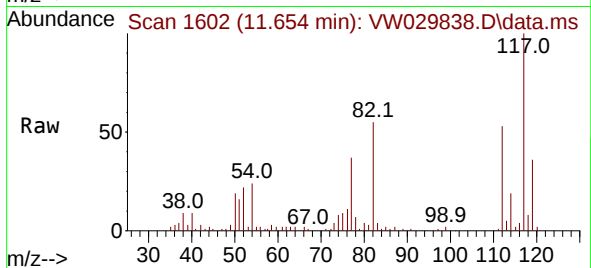
Tgt Ion:107 Resp: 3005
 Ion Ratio Lower Upper
 107 100
 109 86.1 64.8 120.3
 188 4.2 2.7 4.1#





#51
Chlorobenzene
Concen: 1.324 ug/L
RT: 11.654 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

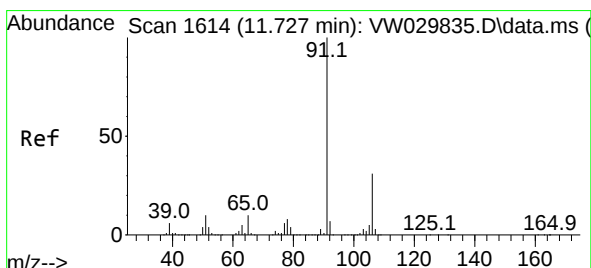
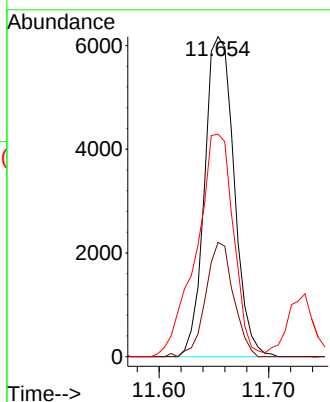
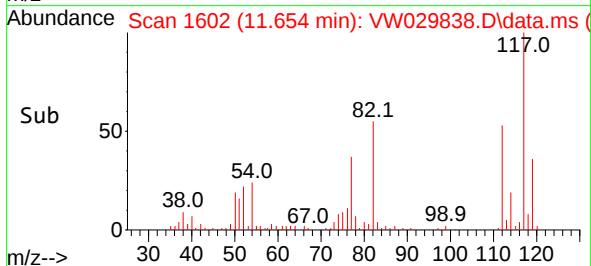
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion:112 Resp: 1155
Ion Ratio Lower Upper
112 100
114 35.7 22.0 40.8
77 69.5 53.8 80.8

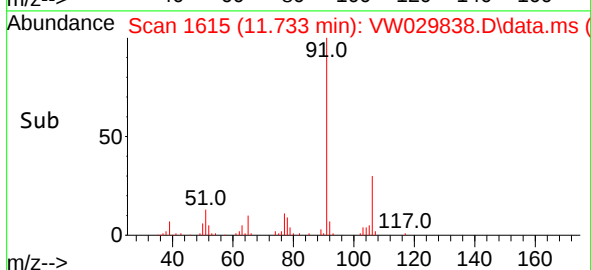
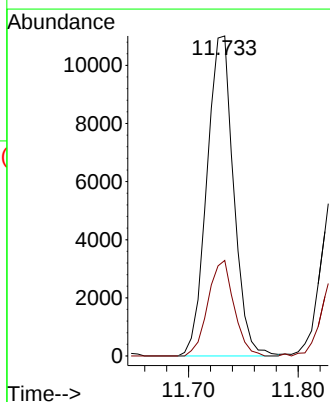
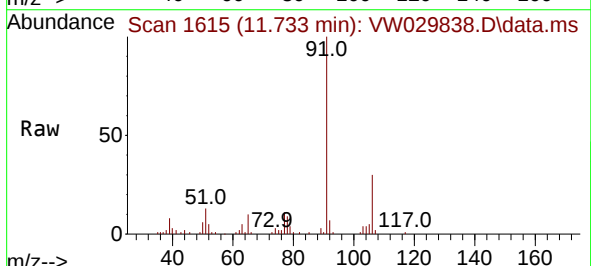
Manual Integrations
APPROVED

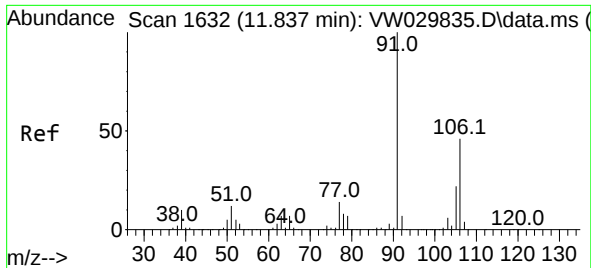
Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#52
Ethylbenzene
Concen: 1.182 ug/L
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

Tgt Ion: 91 Resp: 18699
Ion Ratio Lower Upper
91 100
106 29.9 20.4 38.0





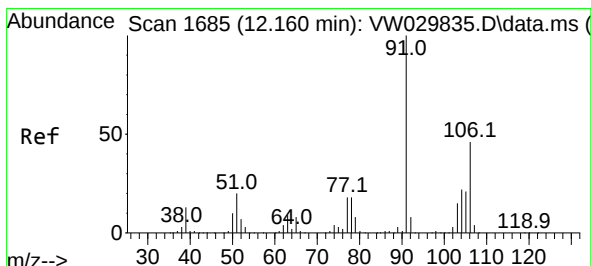
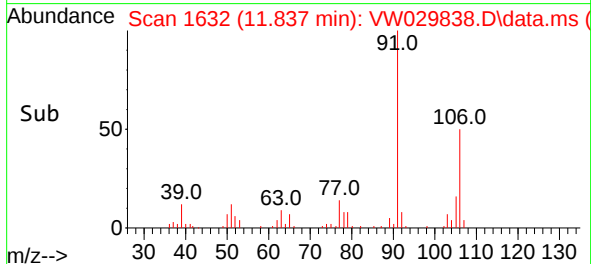
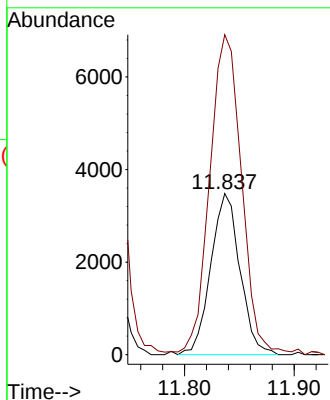
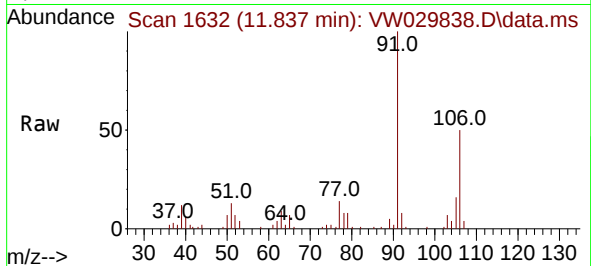
#53
m,p-Xylene
Concen: 1.108 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

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

Tgt Ion:106 Resp: 6440
Ion Ratio Lower Upper
106 100
91 198.6 151.4 281.2

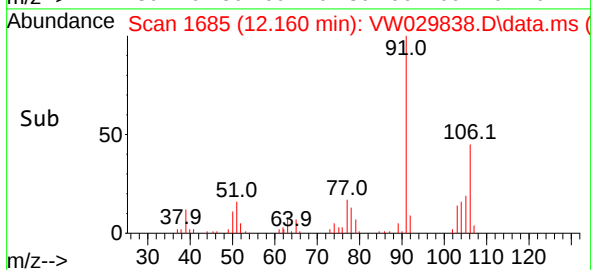
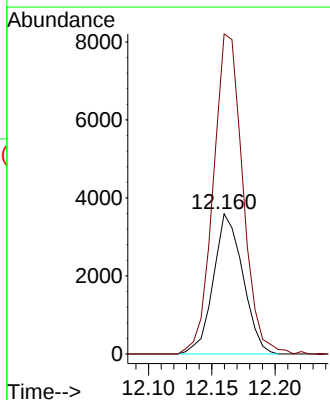
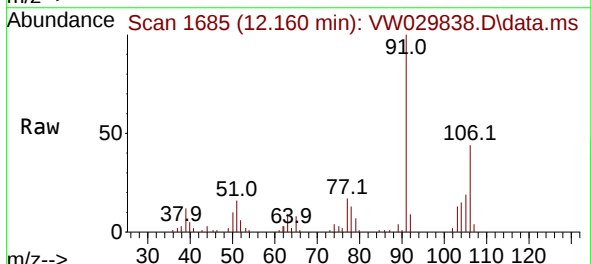
Manual Integrations
APPROVED

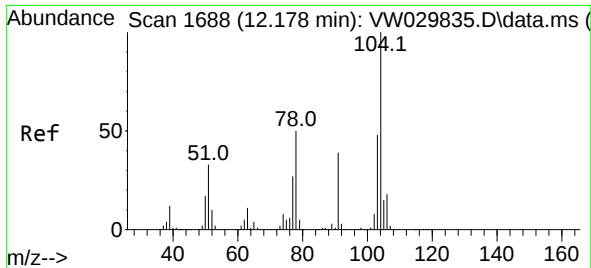
Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#54
o-Xylene
Concen: 1.089 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

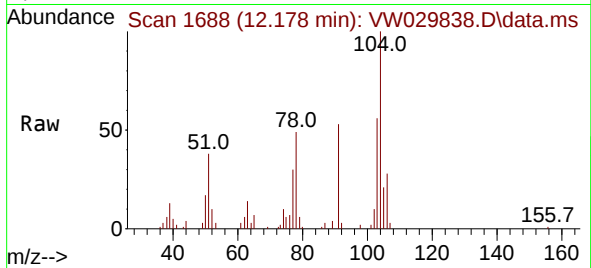
Tgt Ion:106 Resp: 5837
Ion Ratio Lower Upper
106 100
91 228.3 155.8 289.4





#55
Styrene
Concen: 0.991 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

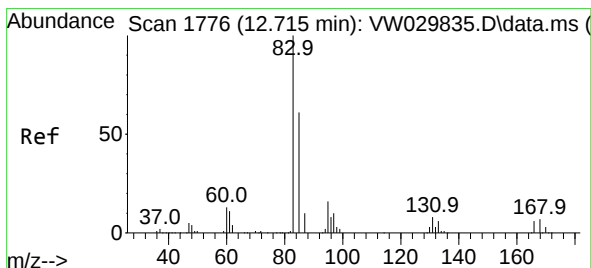
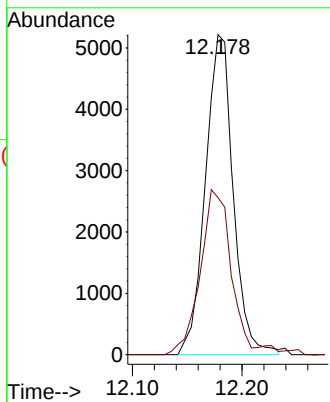
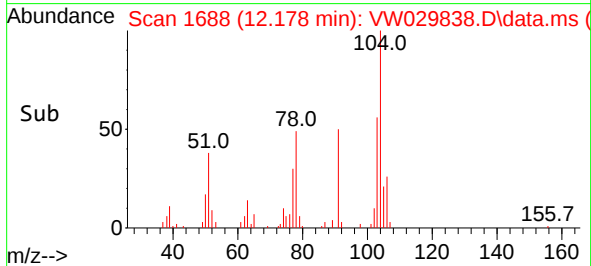
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion:104 Resp: 920
Ion Ratio Lower Upper
104 100
78 49.1 33.3 61.9

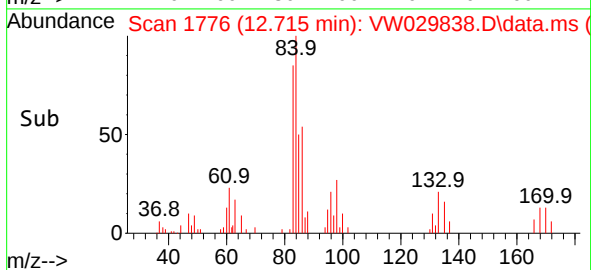
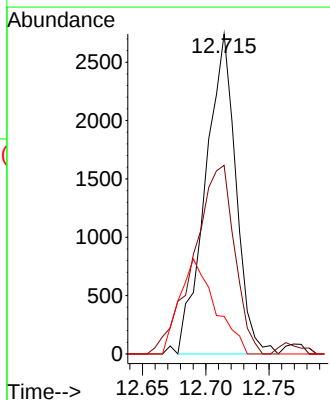
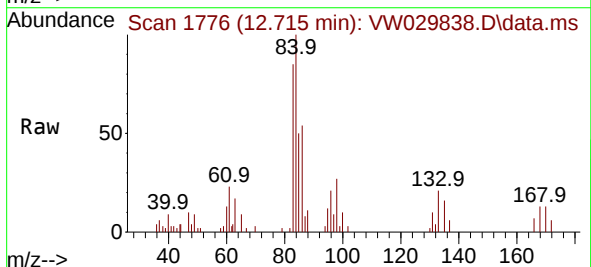
Manual Integrations
APPROVED

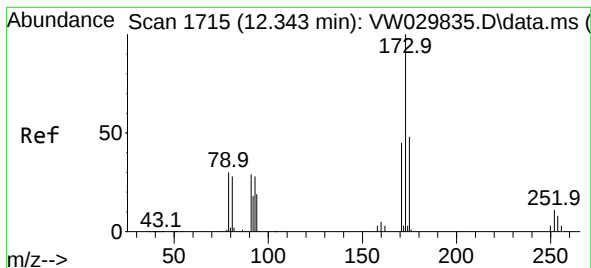
Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#57
1,1,2,2-Tetrachloroethane
Concen: 1.475 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

Tgt Ion: 83 Resp: 4581
Ion Ratio Lower Upper
83 100
85 58.9 44.2 82.0
131 11.7 6.2 9.2#





#59

Bromoform

Concen: 1.326 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW029838.D

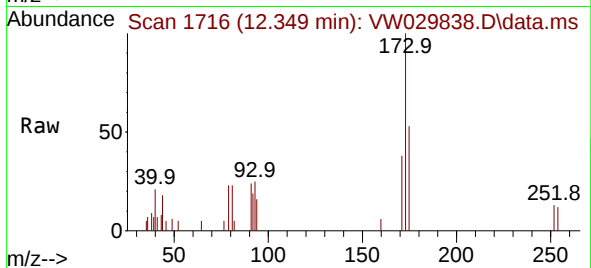
Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT3-2024-05

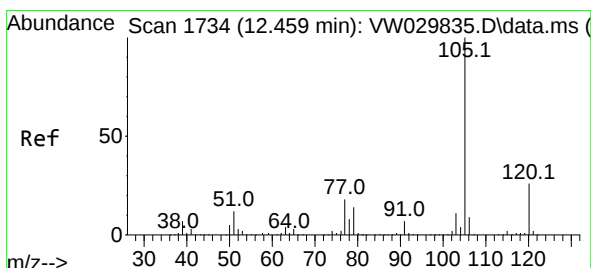
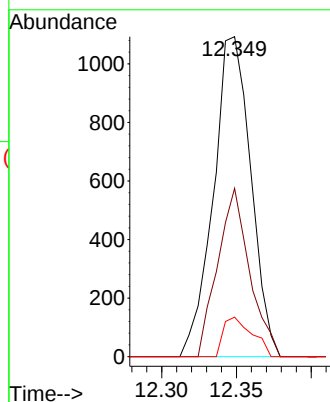
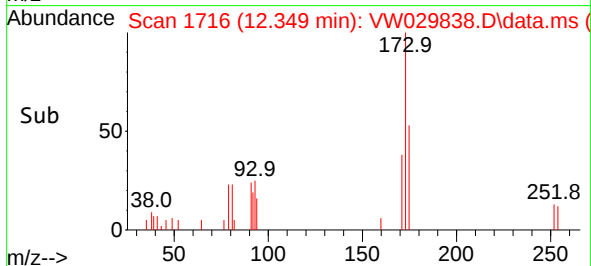


Tgt Ion	Ratio	Lower	Upper
173	100		
175	44.9	38.1	57.1
254	9.5	7.8	11.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#60

Isopropylbenzene

Concen: 1.032 ug/L

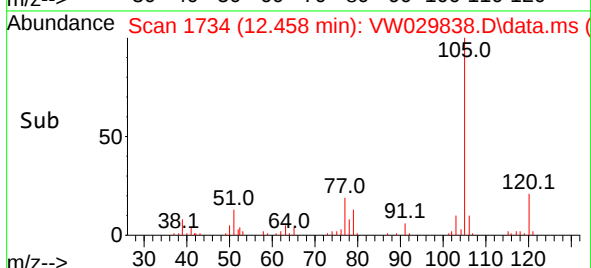
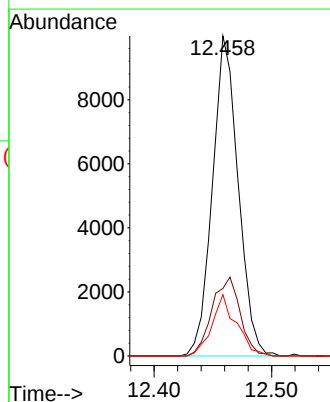
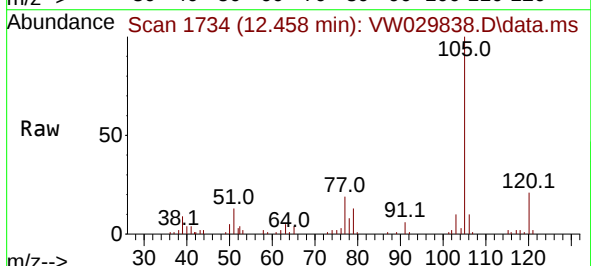
RT: 12.458 min Scan# 1734

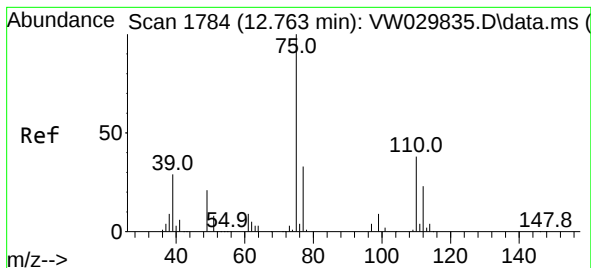
Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	20.3	30.5
77	18.2	14.0	21.0





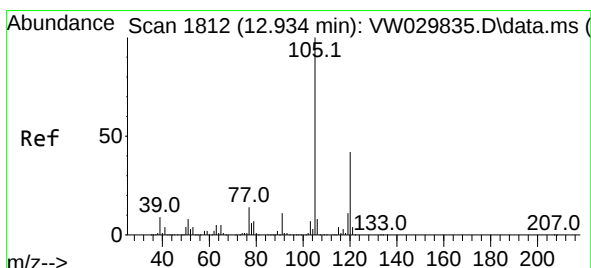
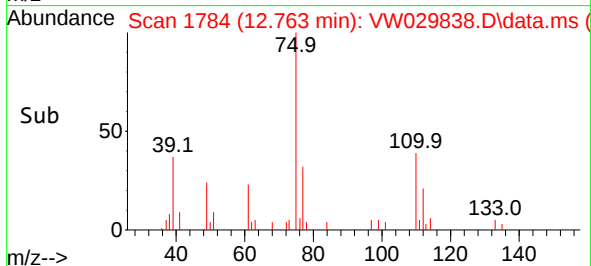
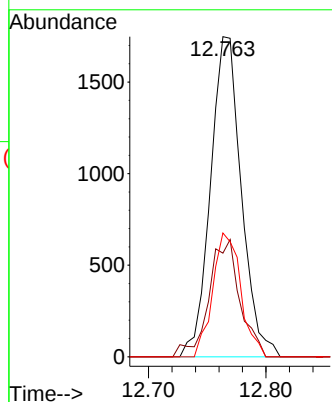
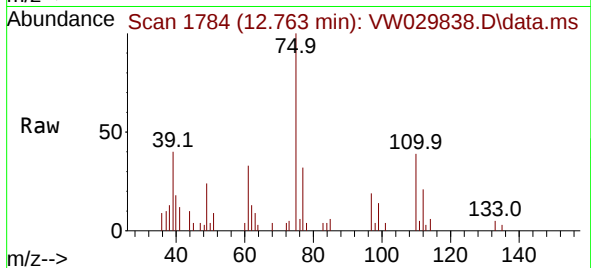
#61
1,2,3-Trichloropropane
Concen: 1.377 ug/L
RT: 12.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

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

Tgt Ion: 75 Resp: 319
Ion Ratio Lower Upper
75 100
77 34.8 25.4 38.0
110 35.2 28.6 43.0

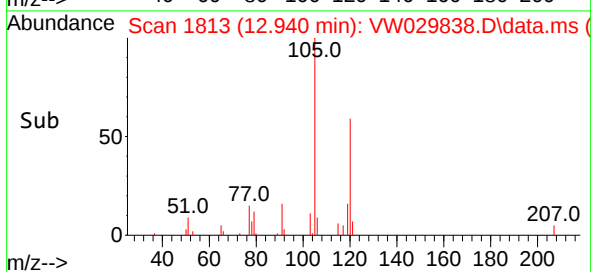
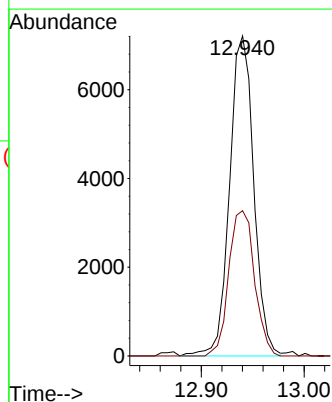
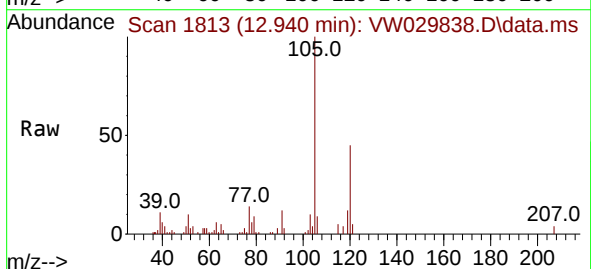
Manual Integrations
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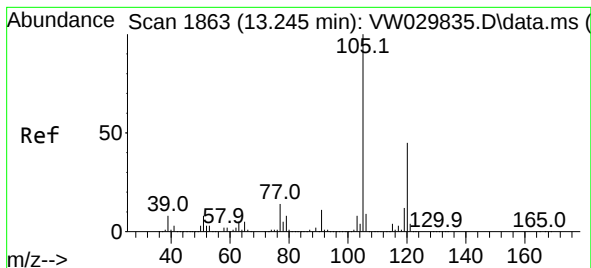
Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#62
1,3,5-Trimethylbenzene
Concen: 1.074 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

Tgt Ion:105 Resp: 11777
Ion Ratio Lower Upper
105 100
120 48.3 38.2 57.2





#63

1,2,4-Trimethylbenzene

Concen: 0.930 ug/L

RT: 13.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

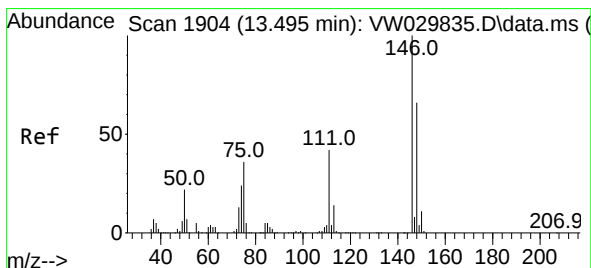
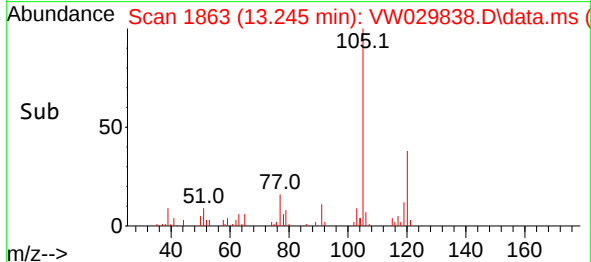
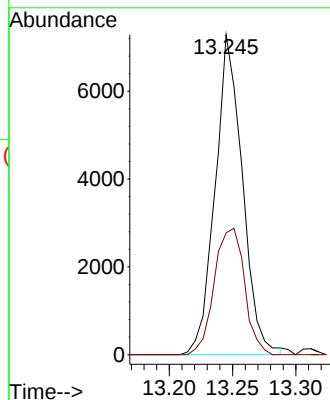
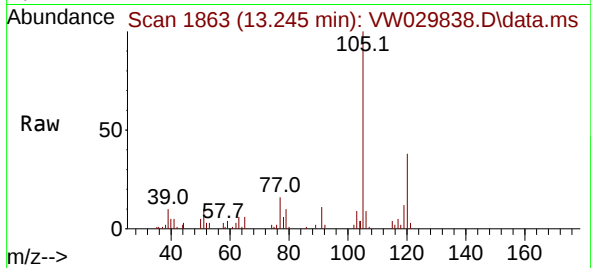
MDL-SOIL-QT3-2024-05

Tgt Ion:105 Resp: 1090
 Ion Ratio Lower Upper
 105 100
 120 43.8 35.4 53.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/13/2024
 Supervised By :Semsettin Yesilyurt 08/13/2024



#64

1,3-Dichlorobenzene

Concen: 1.249 ug/L

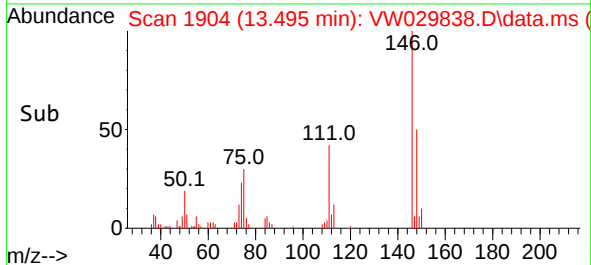
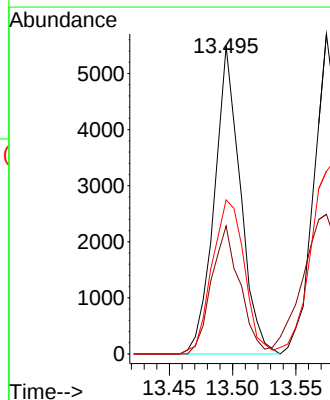
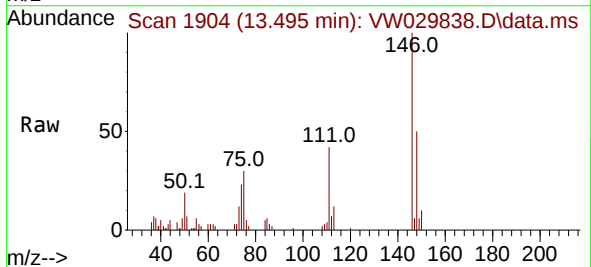
RT: 13.495 min Scan# 1904

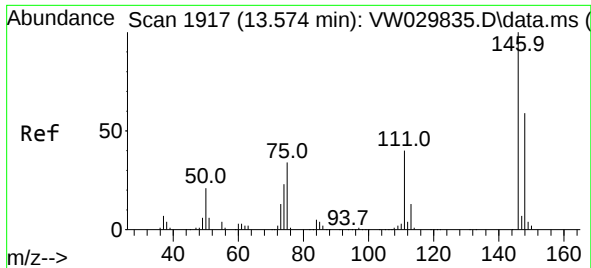
Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

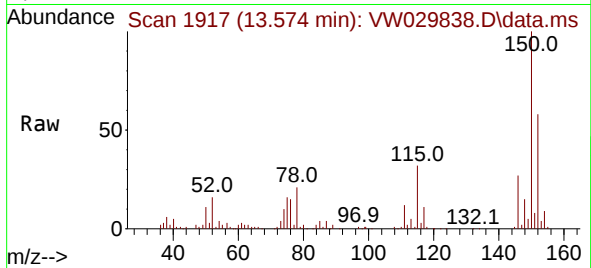
Tgt Ion:146 Resp: 7859
 Ion Ratio Lower Upper
 146 100
 111 41.6 28.7 53.3
 148 50.0 43.4 80.6





#65
1,4-Dichlorobenzene
Concen: 1.337 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

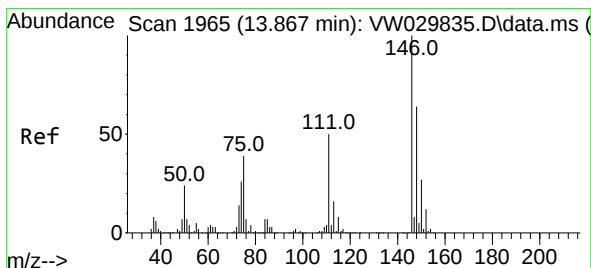
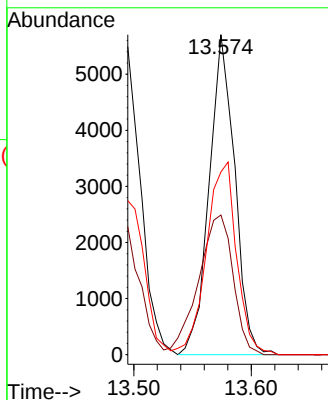
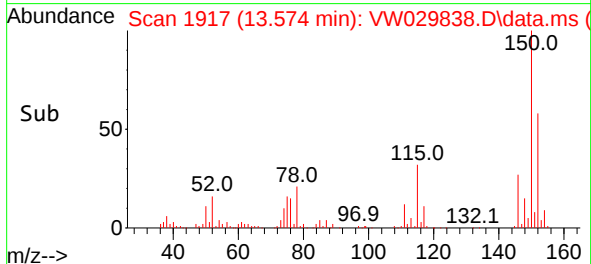
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT3-2024-05



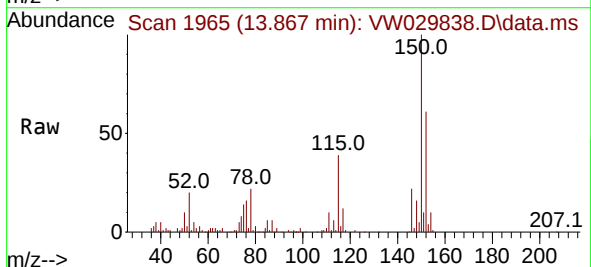
Tgt Ion:146 Resp: 8639
Ion Ratio Lower Upper
146 100
111 43.7 30.1 55.9
148 57.1 45.4 84.4

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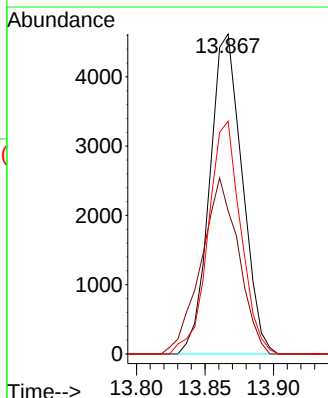
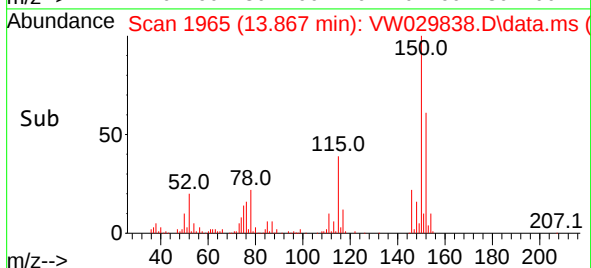
Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024

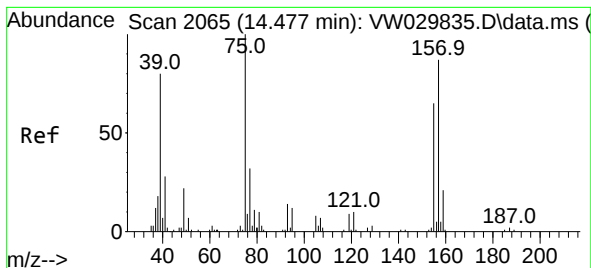


#67
1,2-Dichlorobenzene
Concen: 1.329 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24



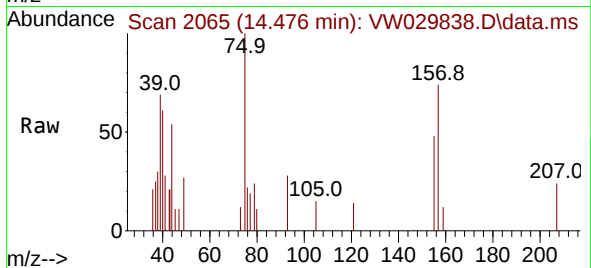
Tgt Ion:146 Resp: 7612
Ion Ratio Lower Upper
146 100
111 44.7 35.8 53.8
148 72.7 52.6 78.8





#68
1,2-Dibromo-3-chloropropane
Concen: 1.290 ug/L m
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

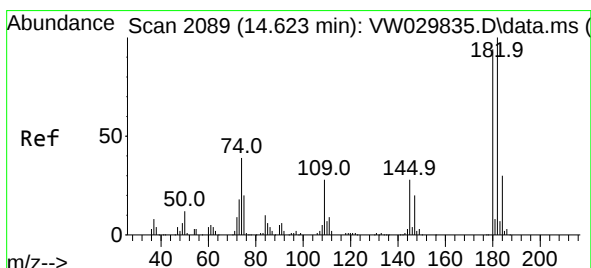
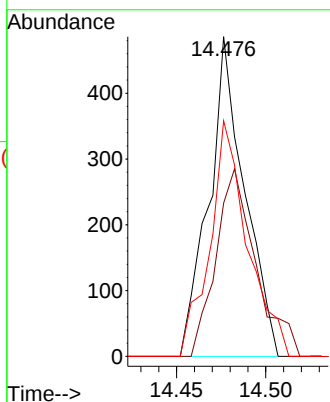
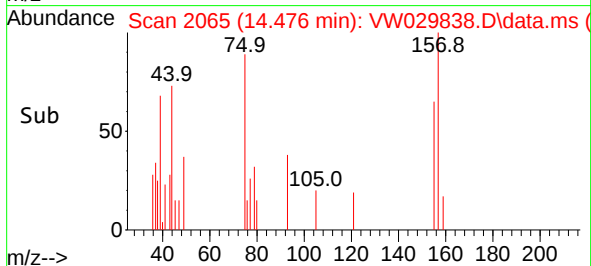
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion: 75 Resp: 679
Ion Ratio Lower Upper
75 100
155 47.9 47.8 71.6
157 73.7 63.7 95.5

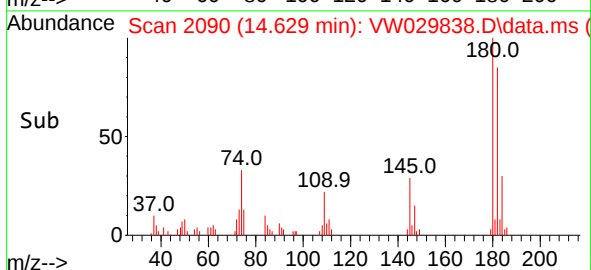
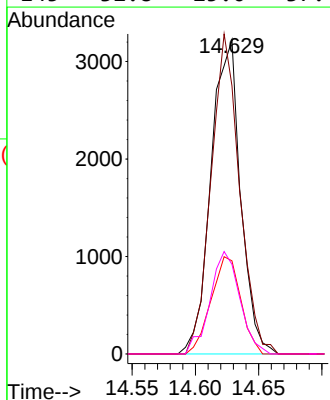
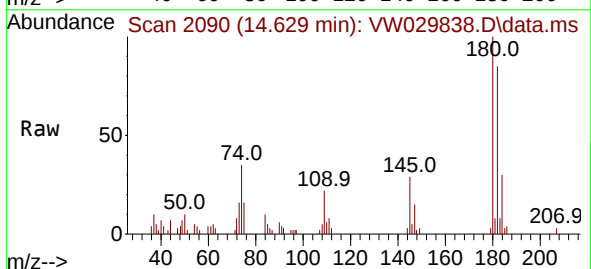
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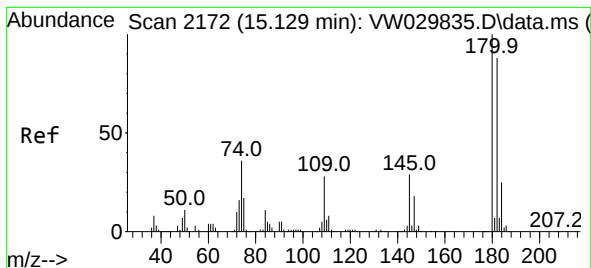
Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#69
1,3,5-Trichlorobenzene
Concen: 1.218 ug/L
RT: 14.629 min Scan# 2090
Delta R.T. 0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

Tgt Ion:180 Resp: 5242
Ion Ratio Lower Upper
180 100
182 97.7 72.7 109.1
184 31.0 23.3 34.9
145 32.8 25.0 37.4





#70

1,2,4-trichlorobenzene

Concen: 1.219 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

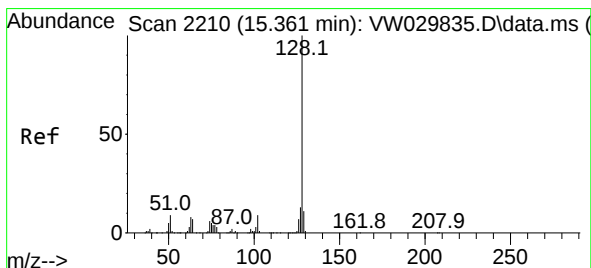
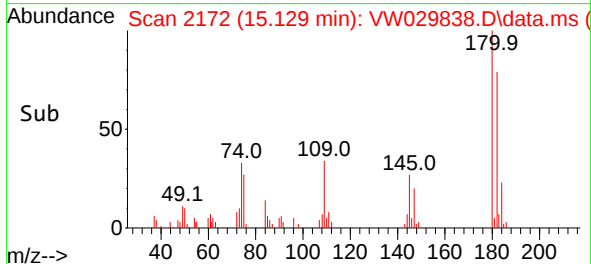
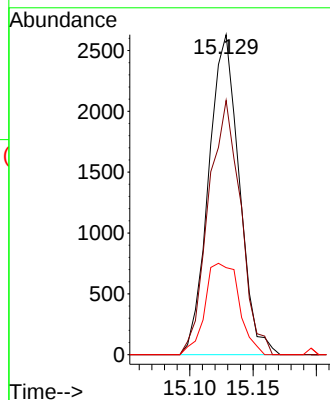
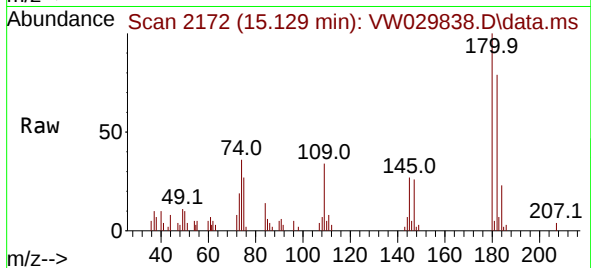
MDL-SOIL-QT3-2024-05

Tgt Ion:	180	Resp:	442
Ion Ratio	Lower	Upper	
180	100		
182	83.7	80.2	120.4
145	21.9	26.3	39.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#71

Naphthalene

Concen: 0.944 ug/L

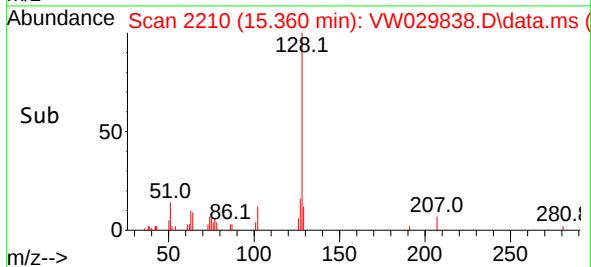
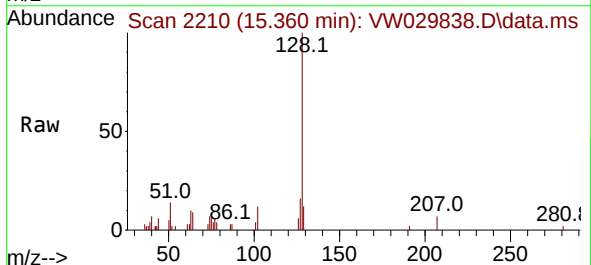
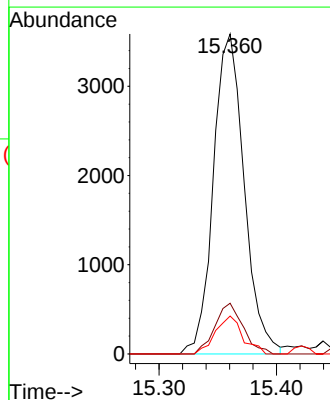
RT: 15.360 min Scan# 2210

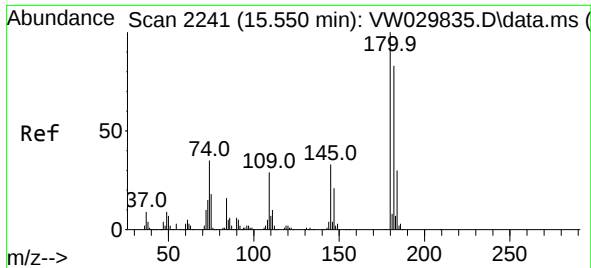
Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

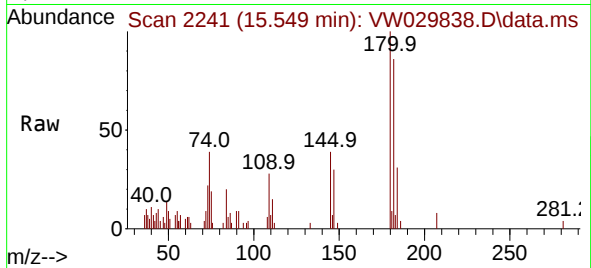
Tgt Ion:	128	Resp:	6531
Ion Ratio	Lower	Upper	
128	100		
127	14.5	10.7	16.1
129	10.0	8.9	13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 1.038 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029838.D
 Acq: 06 Aug 2024 13:24

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



Tgt Ion:	180	Resp:	340
Ion	Ratio	Lower	Upper
180	100		
182	102.7	74.0	111.0
145	37.3	27.5	41.3

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/13/2024
 Supervised By :Semsettin Yesilyurt 08/13/2024

