

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080824\
 Data File : VW029856.D
 Acq On : 08 Aug 2024 11:02
 Operator : SY/MD
 Sample : P3391-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2024-06

Quant Time: Aug 09 01:18:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 09 00:48:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/09/2024
 Supervised By :Mahesh Dadoda 08/13/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	212332	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	201320	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	90674	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	41841	13.880	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.520%
7) Chloroethane-d5	2.905	69	37624	17.482	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.920%
11) 1,1-Dichloroethene-d2	4.021	65	21987	15.979	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.920%
21) 2-Butanone-d5	7.081	46	31374	37.974	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.940%
24) Chloroform-d	7.648	84	114592	20.848	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	8.307	65	67491	21.558	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.240%
32) Benzene-d6	8.276	84	209559	19.265	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.080%
36) 1,2-Dichloropropane-d6	9.276	67	72813	20.964	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.840%
41) Toluene-d8	10.325	98	176701	18.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.080%
43) trans-1,3-Dichloroprop...	10.575	79	25642	18.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.960%
47) 2-Hexanone-d5	10.922	63	19059	33.278	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	55402	21.482	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.920%
66) 1,2-Dichlorobenzene-d4	13.855	152	61906	21.988	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	3415m	1.193	ug/L	
3) Chloromethane	2.216	50	4777	1.349	ug/L	98
5) Vinyl chloride	2.375	62	5584	1.407	ug/L	92
6) Bromomethane	2.789	94	3264	1.498	ug/L	98
8) Chloroethane	2.936	64	3285	1.455	ug/L	94
9) Trichlorofluoromethane	3.265	101	4122	1.300	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	5172m	1.638	ug/L	
12) 1,1-Dichloroethene	4.039	96	4319	1.489	ug/L #	1
14) Carbon disulfide	4.387	76	11429	1.184	ug/L	95
15) Methyl Acetate	4.686	43	2242	1.311	ug/L #	70
16) Methylene chloride	4.923	84	9667	2.178	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	4090	1.308	ug/L	90
18) Methyl tert-butyl Ether	5.429	73	6085	1.181	ug/L #	84
19) 1,1-Dichloroethane	6.216	63	9166	1.390	ug/L	93
20) cis-1,2-Dichloroethene	7.173	96	4292	1.266	ug/L	93
22) 2-Butanone	7.197	43	3770m	2.866	ug/L	
23) Bromochloromethane	7.520	128	1954	1.357	ug/L #	84
25) Chloroform	7.673	83	9424	1.517	ug/L	87
27) 1,2-Dichloroethane	8.410	62	6383	1.410	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	5781	1.010	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	6910	1.355	ug/L	97
31) Carbon tetrachloride	8.075	117	6379	1.389	ug/L	99
33) Benzene	8.325	78	20138	1.460	ug/L	100
34) Trichloroethene	9.093	95	4897	1.354	ug/L	92
35) Methylcyclohexane	9.331	83	6516	1.081	ug/L	91
37) 1,2-Dichloropropane	9.368	63	4981	1.318	ug/L #	94
38) Bromodichloromethane	9.648	83	5991	1.331	ug/L #	97
39) cis-1,3-Dichloropropene	10.069	75	6679m	1.213	ug/L	
40) 4-Methyl-2-pentanone	10.209	43	4935	2.055	ug/L	93
42) Toluene	10.386	91	18635	1.324	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	5844m	1.279	ug/L	
45) 1,1,2-Trichloroethane	10.788	97	3466	1.365	ug/L #	89
46) Tetrachloroethene	10.861	164	3469	1.320	ug/L	93
48) 2-Hexanone	10.971	43	4105m	2.283	ug/L	
49) Dibromochloromethane	11.129	129	3394	1.287	ug/L	96
50) 1,2-Dibromoethane	11.239	107	3126	1.330	ug/L	77
51) Chlorobenzene	11.654	112	11987	1.369	ug/L	96
52) Ethylbenzene	11.727	91	19405	1.222	ug/L	100
53) m,p-Xylene	11.837	106	6441	1.103	ug/L	97
54) o-Xylene	12.160	106	5921	1.101	ug/L	96
55) Styrene	12.178	104	10287	1.103	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	4406	1.414	ug/L #	90
59) Bromoform	12.343	173	1750	1.283	ug/L #	97
60) Isopropylbenzene	12.459	105	15845	1.129	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	2943	1.334	ug/L	93
62) 1,3,5-Trimethylbenzene	12.940	105	12262	1.176	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	11553	1.036	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	8077	1.349	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	9157	1.489	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	8433	1.547	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.489	75	745m	1.488	ug/L	
69) 1,3,5-Trichlorobenzene	14.623	180	5805	1.417	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	4250	1.232	ug/L	99
71) Naphthalene	15.354	128	6355	0.965	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	4025	1.289	ug/L	97

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

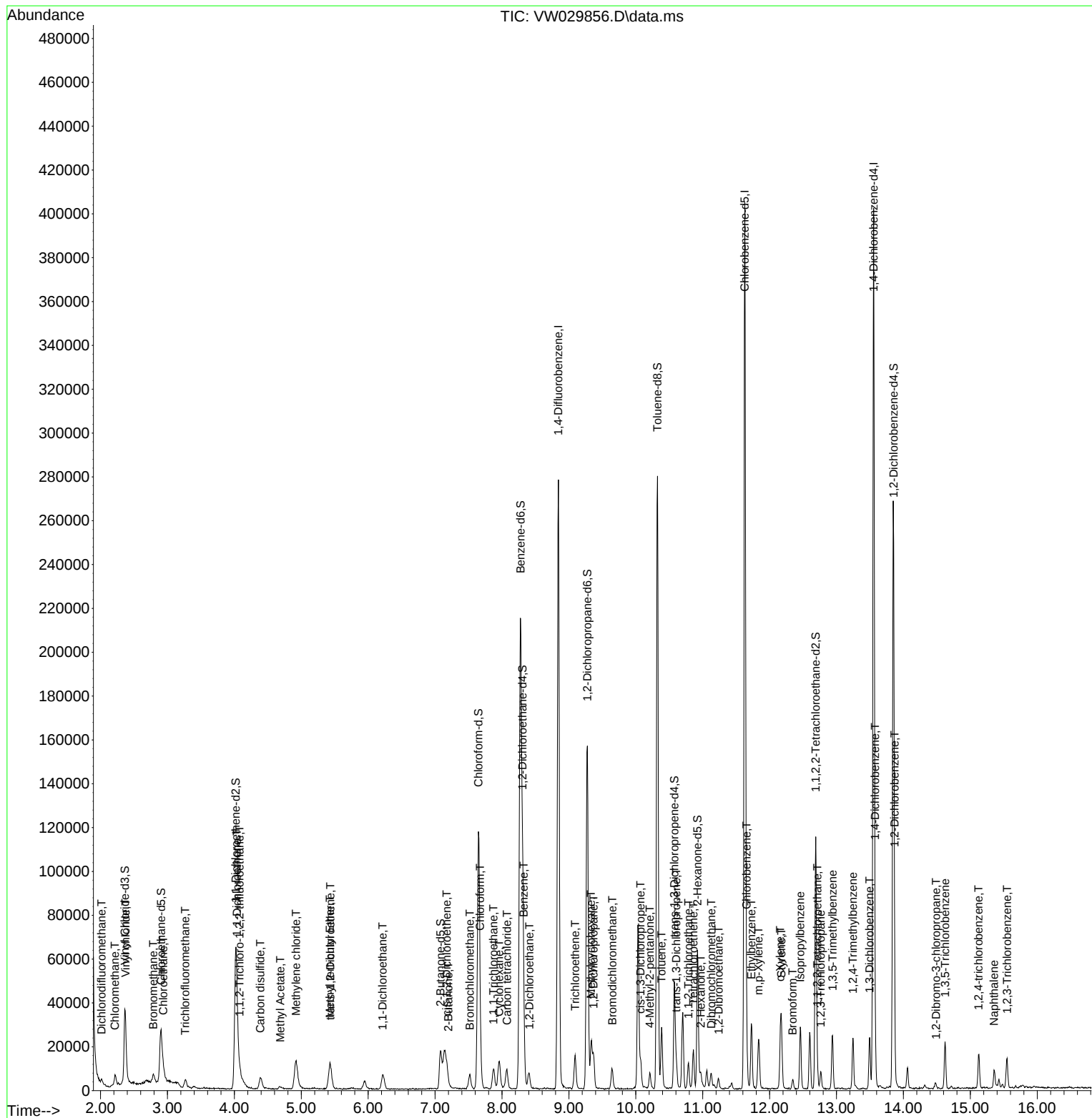
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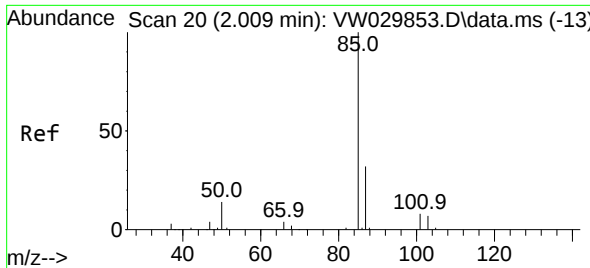
Instrument :
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ClientSampleId :
MDL-SOIL-QT3-2024-06

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Quant Title : SFAM01.0
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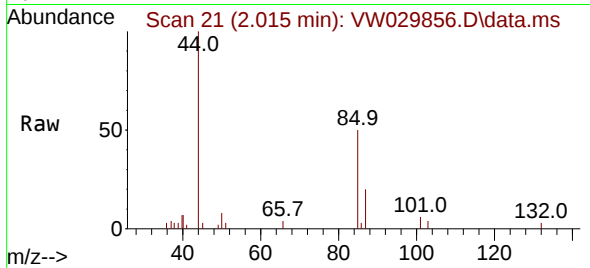
Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024





#2
Dichlorodifluoromethane
Concen: 1.193 ug/L m
RT: 2.015 min Scan# 20
Delta R.T. 0.006 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

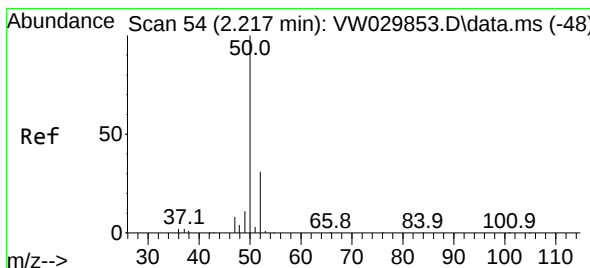
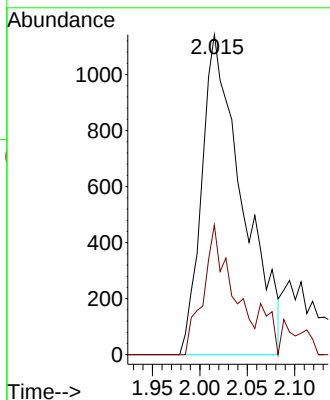
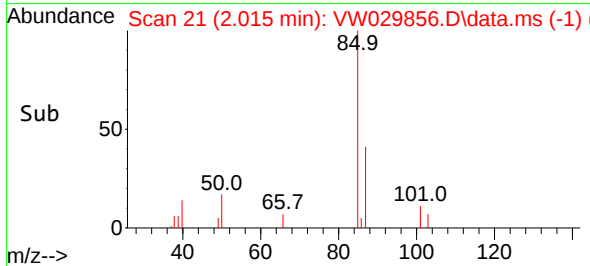
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 85 Resp: 341
Ion Ratio Lower Upper
85 100
87 11.1 25.5 38.3

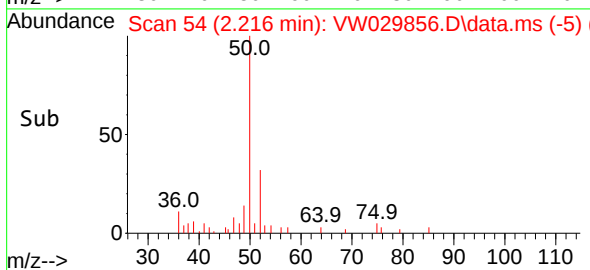
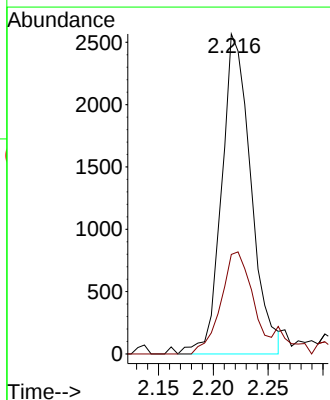
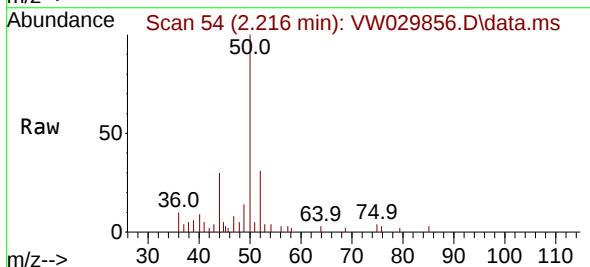
Manual Integrations
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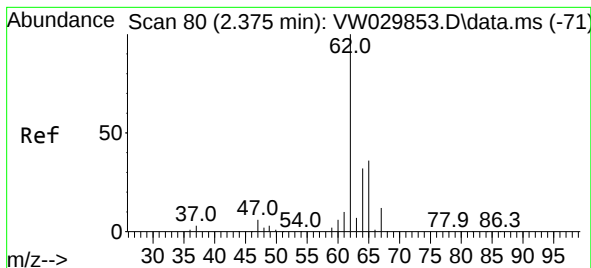
Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024



#3
Chloromethane
Concen: 1.349 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.000 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

Tgt Ion: 50 Resp: 4777
Ion Ratio Lower Upper
50 100
52 31.1 22.5 41.9





#5

Vinyl chloride

Concen: 1.407 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW029856.D

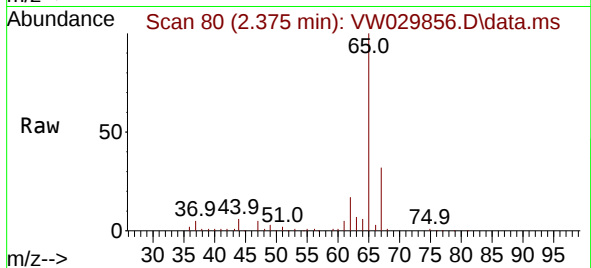
Acq: 08 Aug 2024 11:02

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT3-2024-06



Tgt Ion: 62 Resp: 558

Ion Ratio Lower Upper

62 100

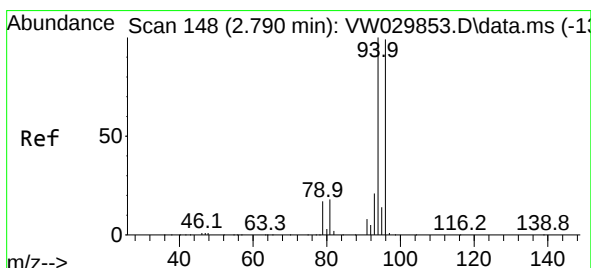
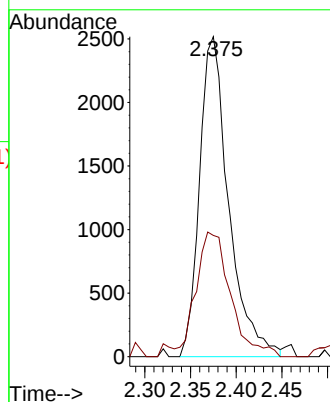
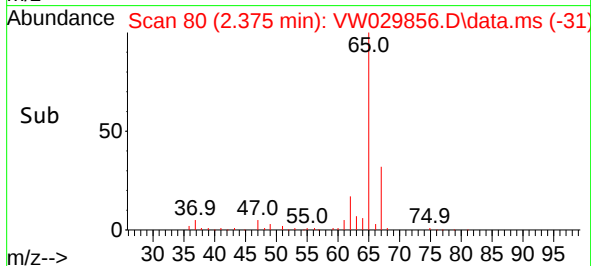
64 37.9 23.2 43.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/09/2024

Supervised By :Mahesh Dadoda 08/13/2024



#6

Bromomethane

Concen: 1.498 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW029856.D

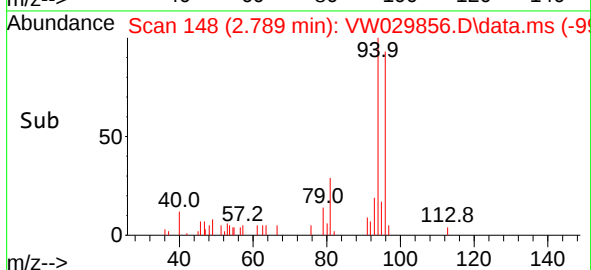
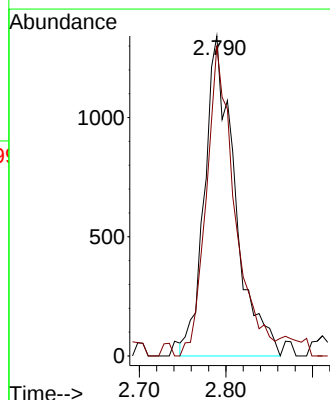
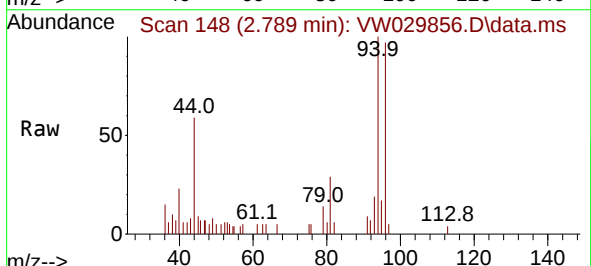
Acq: 08 Aug 2024 11:02

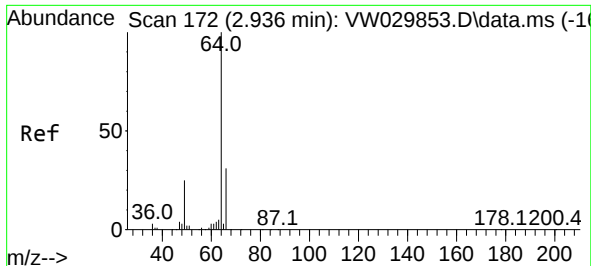
Tgt Ion: 94 Resp: 3264

Ion Ratio Lower Upper

94 100

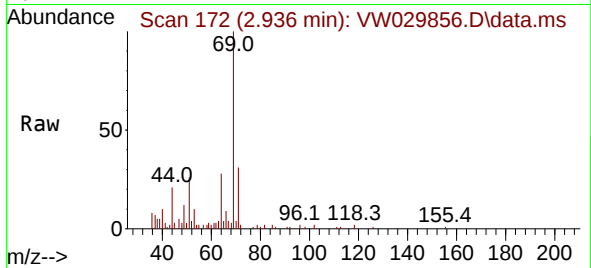
96 97.0 66.2 123.0





#8
Chloroethane
Concen: 1.455 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

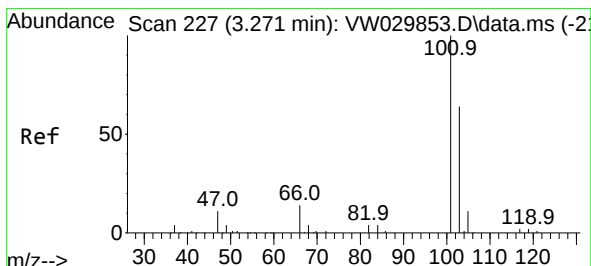
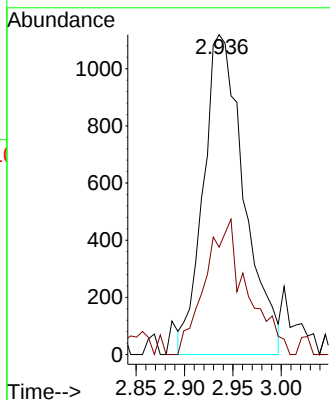
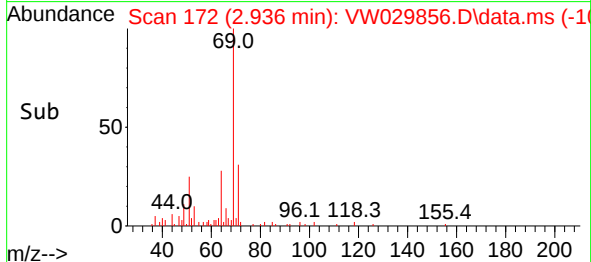
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 64 Resp: 328
Ion Ratio Lower Upper
64 100
66 33.6 21.2 39.4

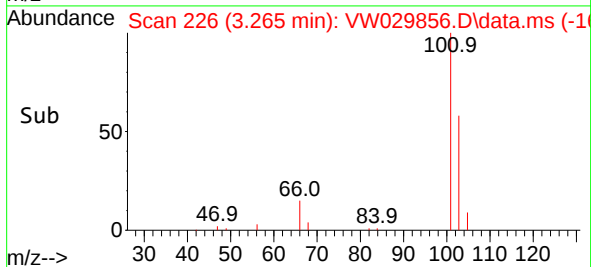
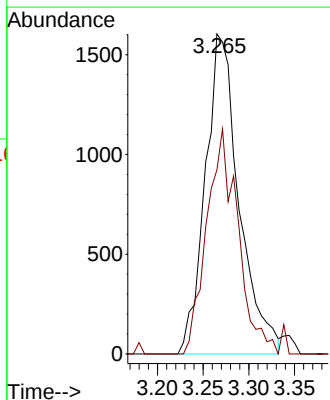
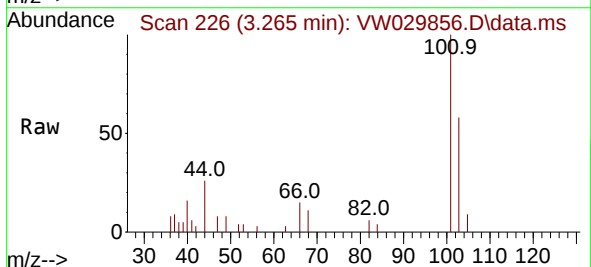
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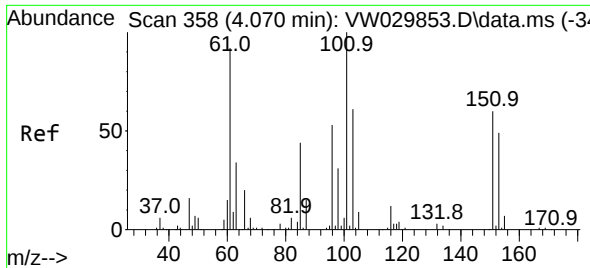
Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024



#9
Trichlorofluoromethane
Concen: 1.300 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

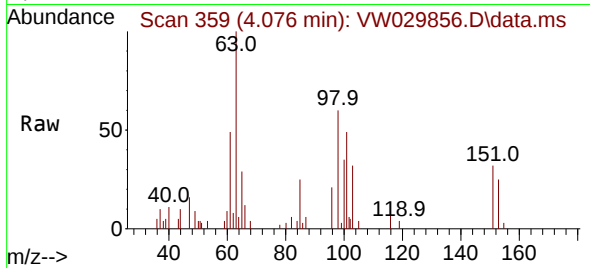
Tgt Ion:101 Resp: 4122
Ion Ratio Lower Upper
101 100
103 65.0 51.0 76.4





#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.638 ug/L m
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW029856.D
 Acq: 08 Aug 2024 11:02

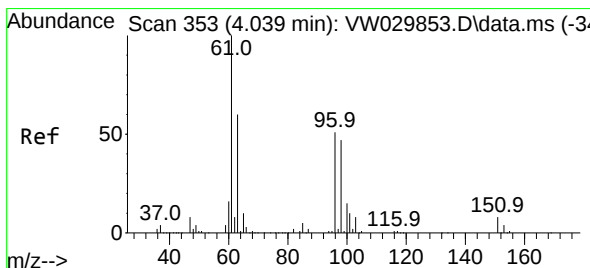
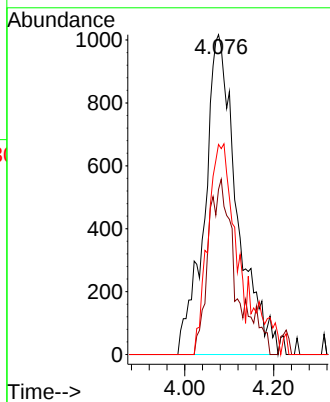
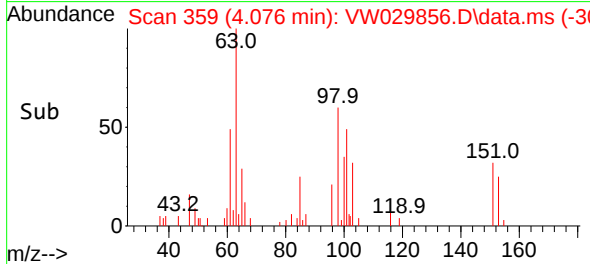
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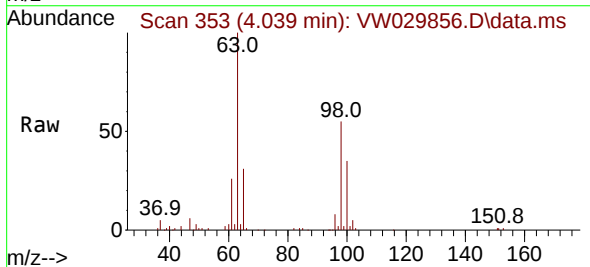
Tgt Ion: 101 Resp: 517
 Ion Ratio Lower Upper
 101 100
 85 21.2 34.2 51.4
 151 48.5 54.2 81.2

Manual Integrations
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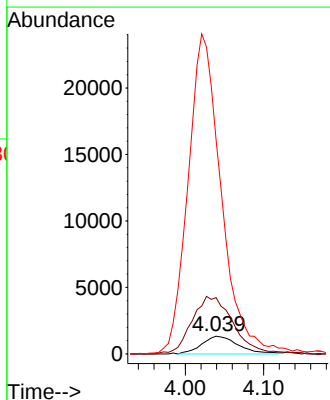
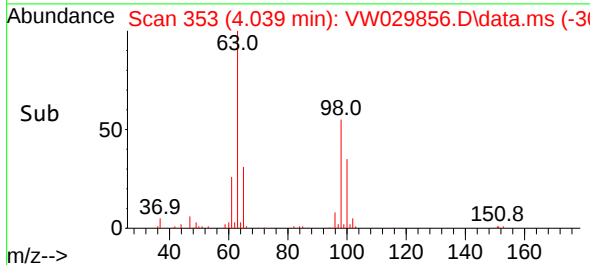
Reviewed By :Romaben Patel 08/09/2024
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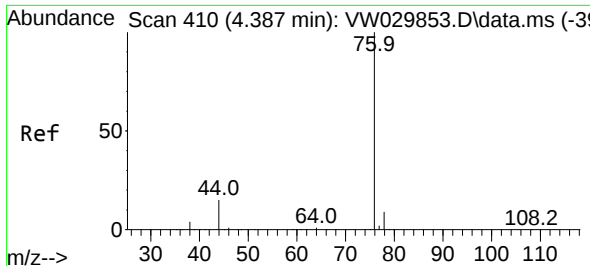


#12
 1,1-Dichloroethene
 Concen: 1.489 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VW029856.D
 Acq: 08 Aug 2024 11:02



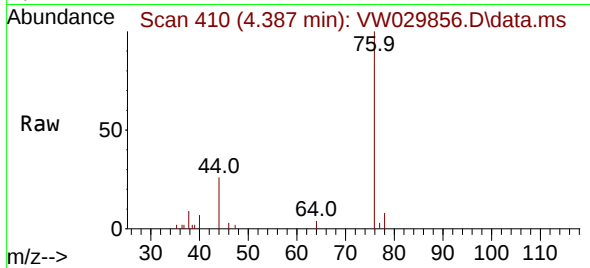
Tgt Ion: 96 Resp: 4319
 Ion Ratio Lower Upper
 96 100
 61 318.0 138.3 256.9#
 63 1208.6 89.0 165.4#





#14
Carbon disulfide
Concen: 1.184 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
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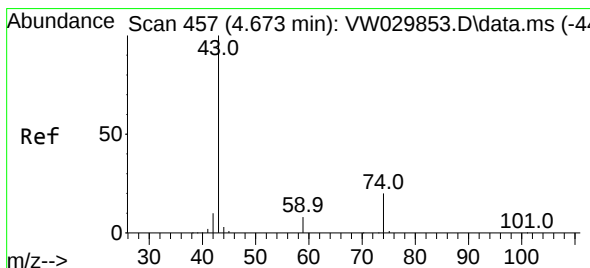
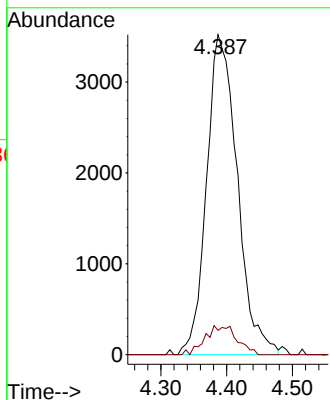
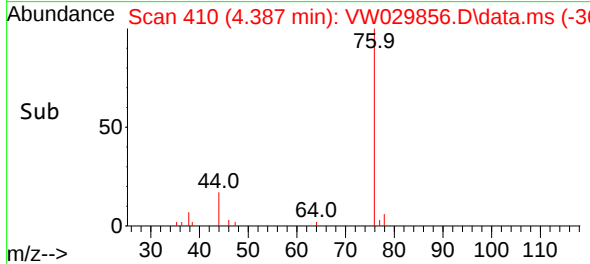
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Tgt Ion: 76 Resp: 11429
Ion Ratio Lower Upper
76 100
78 7.6 7.6 11.4

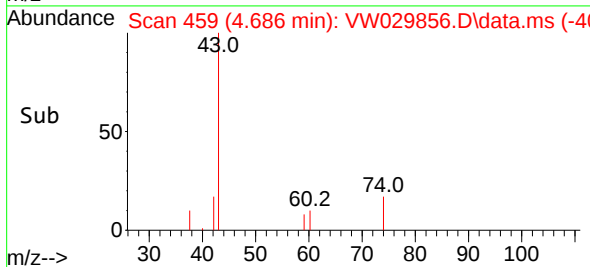
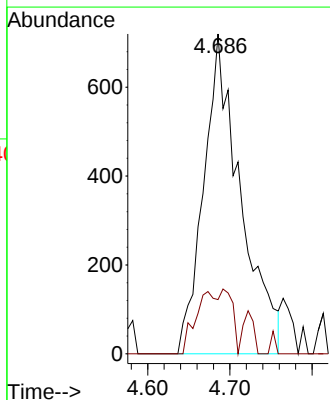
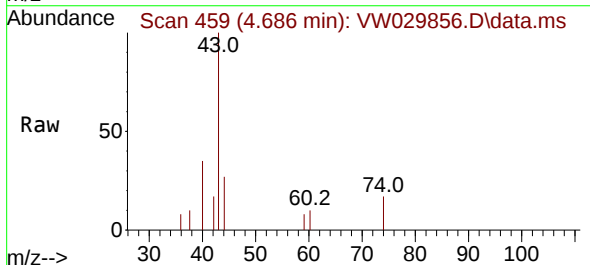
Manual Integrations
APPROVED

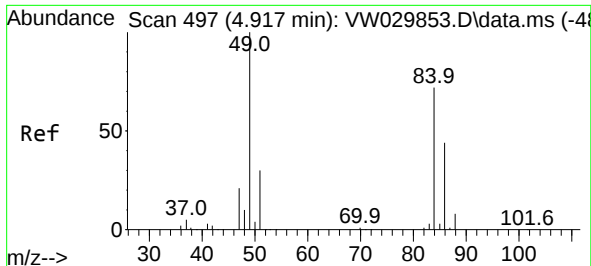
Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024



#15
Methyl Acetate
Concen: 1.311 ug/L
RT: 4.686 min Scan# 459
Delta R.T. 0.012 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

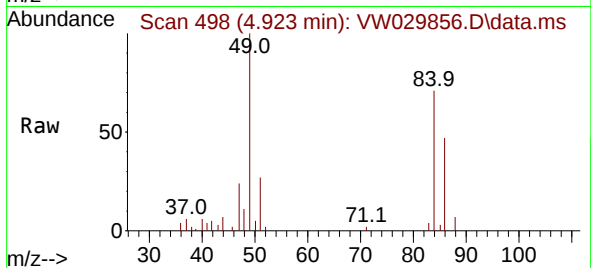
Tgt Ion: 43 Resp: 2242
Ion Ratio Lower Upper
43 100
74 6.5 16.5 24.7#





#16
Methylene chloride
Concen: 2.178 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

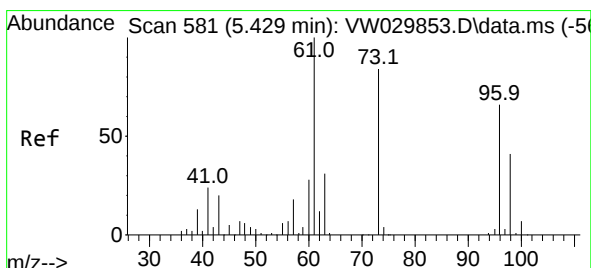
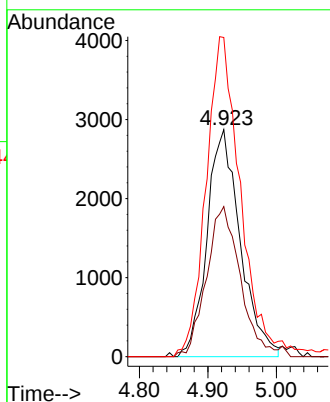
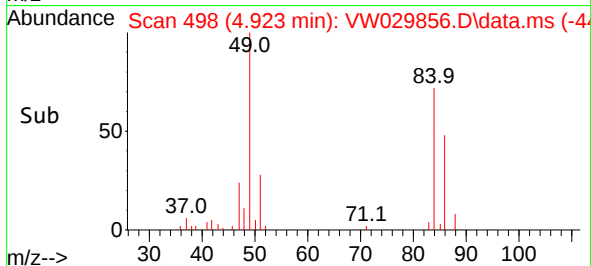
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 84 Resp: 966
Ion Ratio Lower Upper
84 100
86 66.1 44.7 82.9
49 140.6 99.0 184.0

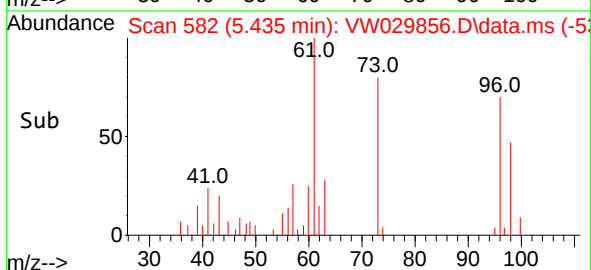
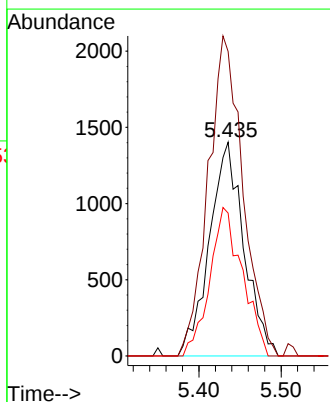
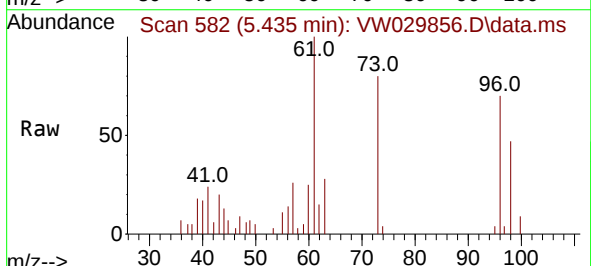
Manual Integrations
APPROVED

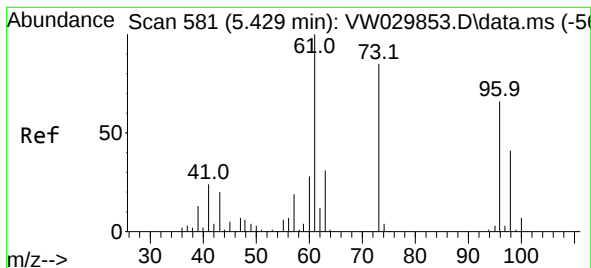
Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024



#17
trans-1,2-Dichloroethene
Concen: 1.308 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

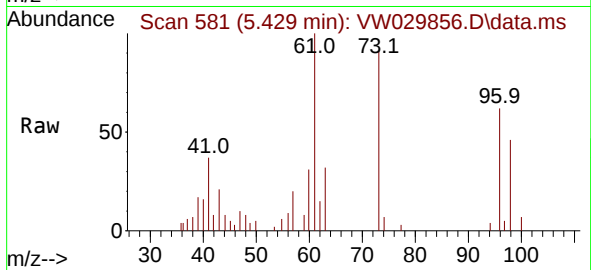
Tgt Ion: 96 Resp: 4090
Ion Ratio Lower Upper
96 100
61 142.4 111.2 206.6
98 66.9 45.0 83.6





#18
Methyl tert-butyl Ether
Concen: 1.181 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

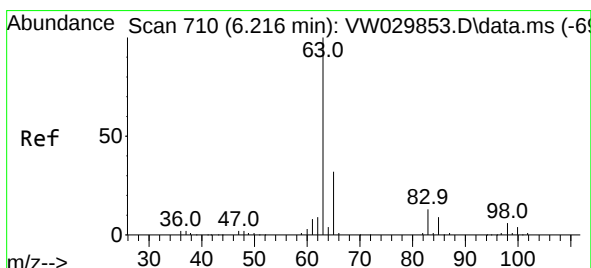
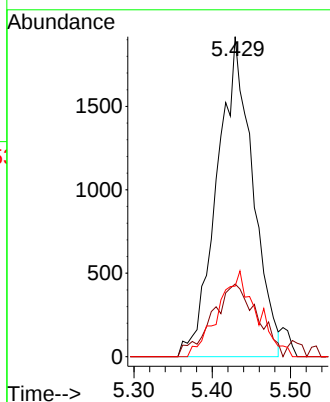
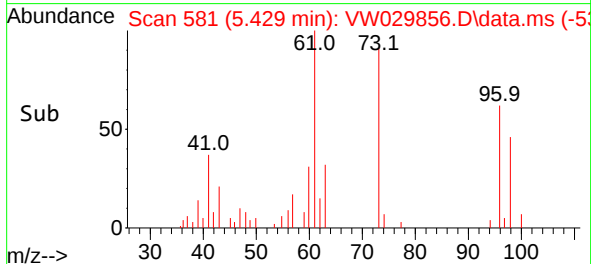
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT3-2024-06



Tgt Ion: 73 Resp: 608
Ion Ratio Lower Upper
73 100
43 17.6 18.3 27.5
57 12.1 17.9 26.9

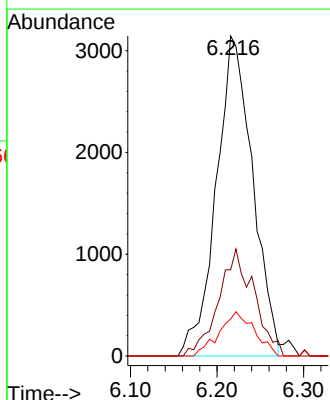
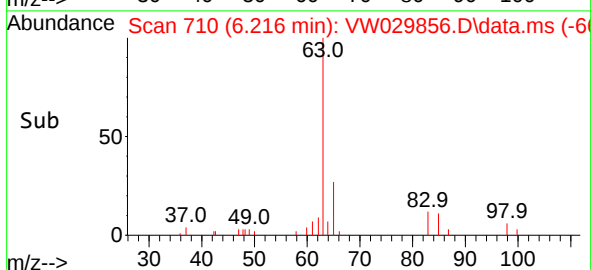
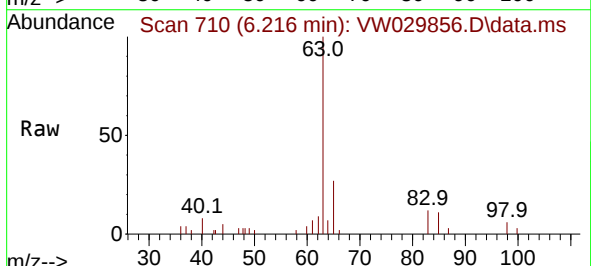
Manual Integrations
APPROVED

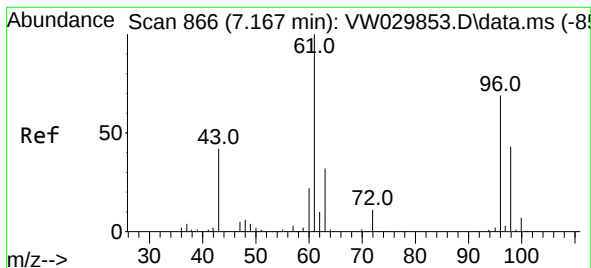
Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024



#19
1,1-Dichloroethane
Concen: 1.390 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

Tgt Ion: 63 Resp: 9166
Ion Ratio Lower Upper
63 100
65 27.0 22.3 41.3
83 11.5 8.5 15.7





#20

cis-1,2-Dichloroethene

Concen: 1.266 ug/L

RT: 7.173 min Scan# 80

Delta R.T. 0.006 min

Lab File: VW029856.D

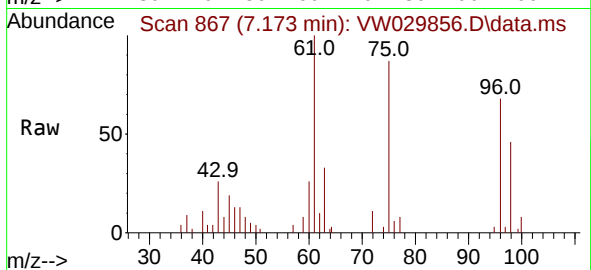
Acq: 08 Aug 2024 11:02

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT3-2024-06



Tgt Ion: 96 Resp: 429

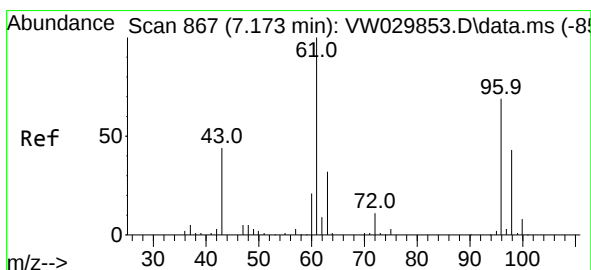
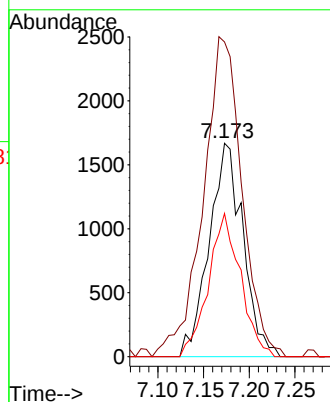
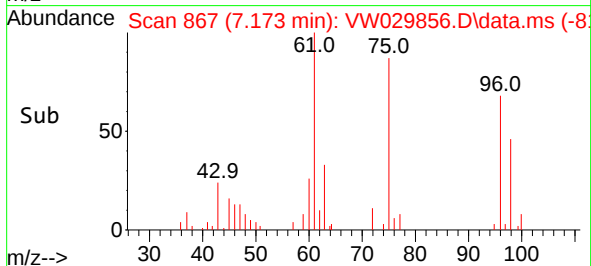
Ion	Ratio	Lower	Upper
96	100		
61	147.5	98.2	182.4
98	67.1	41.9	77.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/09/2024

Supervised By :Mahesh Dadoda 08/13/2024



#22

2-Butanone

Concen: 2.866 ug/L m

RT: 7.197 min Scan# 871

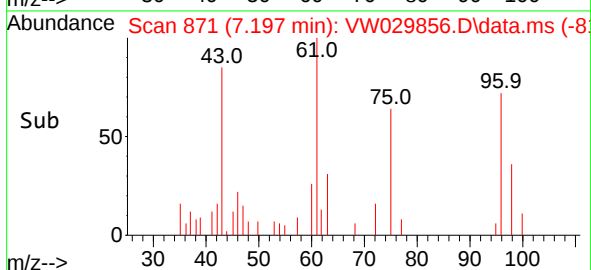
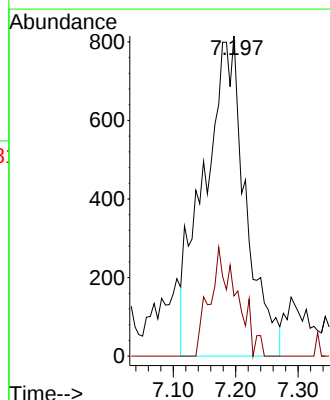
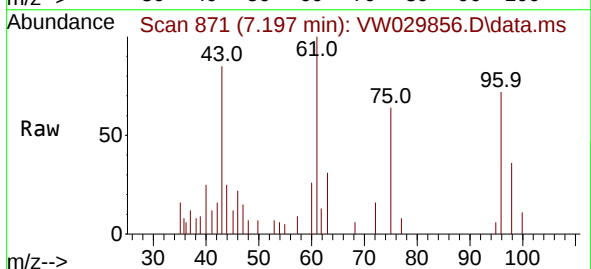
Delta R.T. 0.024 min

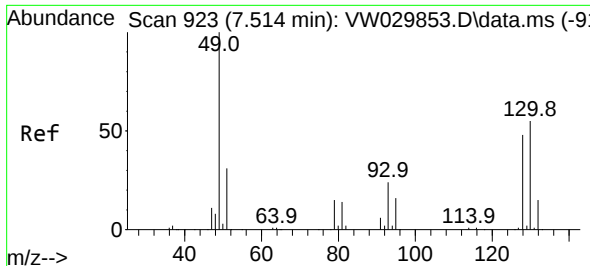
Lab File: VW029856.D

Acq: 08 Aug 2024 11:02

Tgt Ion: 43 Resp: 3770

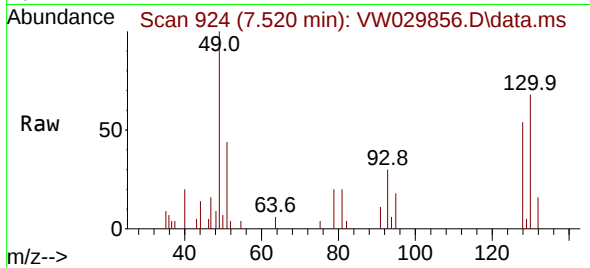
Ion	Ratio	Lower	Upper
43	100		
72	9.3	11.7	35.1





#23
Bromochloromethane
Concen: 1.357 ug/L
RT: 7.520 min Scan# 912
Delta R.T. 0.006 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

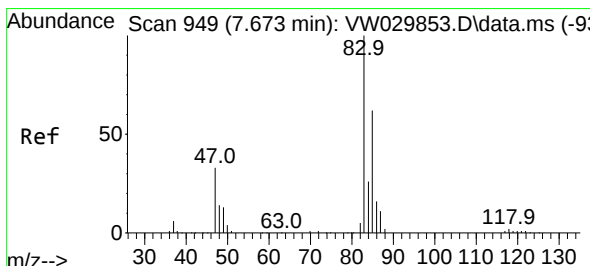
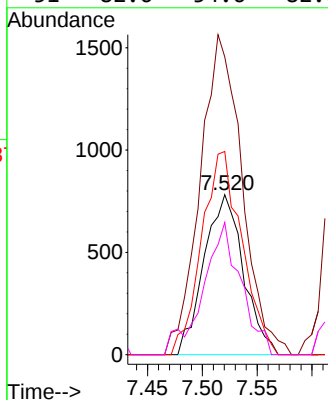
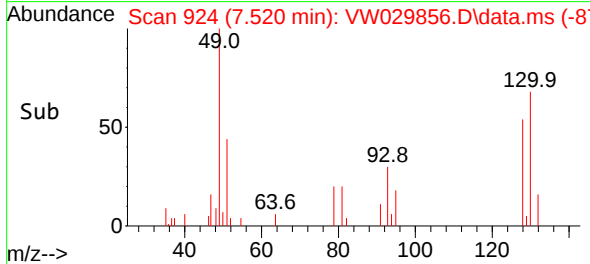
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:128 Resp: 1954
Ion Ratio Lower Upper
128 100
49 186.1 151.1 280.7
130 127.0 96.8 179.8
51 82.6 54.6 82.0#

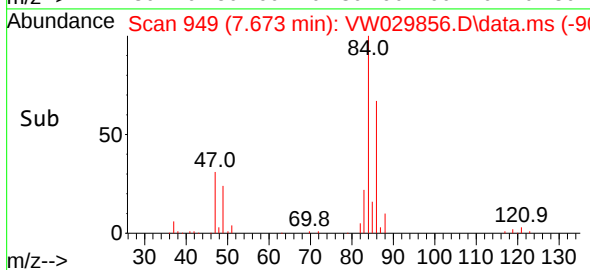
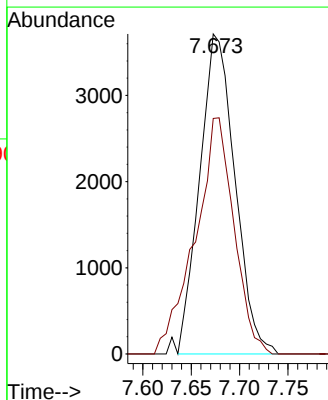
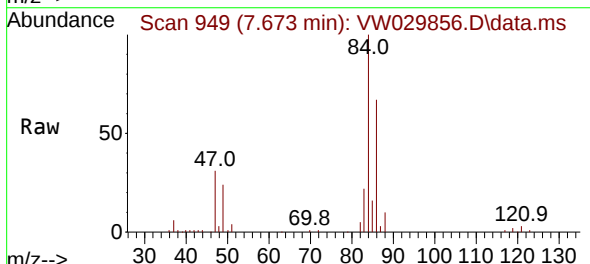
Manual Integrations
APPROVED

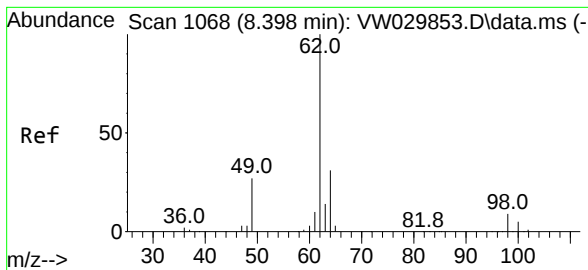
Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024



#25
Chloroform
Concen: 1.517 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

Tgt Ion: 83 Resp: 9424
Ion Ratio Lower Upper
83 100
85 73.6 44.4 82.4





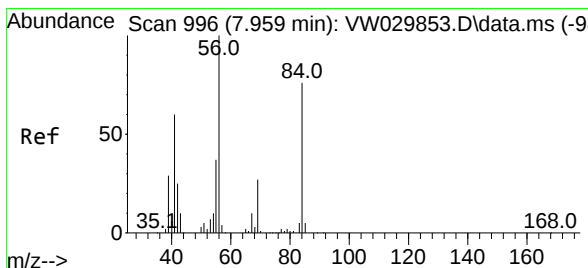
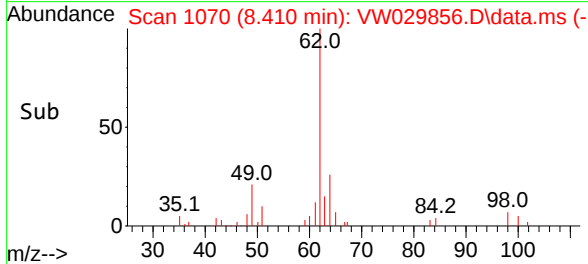
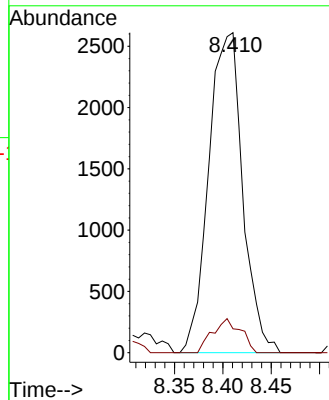
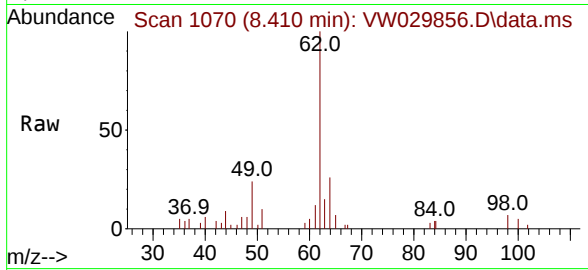
#27
1,2-Dichloroethane
Concen: 1.410 ug/L
RT: 8.410 min Scan# 1068
Delta R.T. 0.012 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT3-2024-06

Tgt Ion: 62 Resp: 638
Ion Ratio Lower Upper
62 100
98 7.5 6.6 10.0

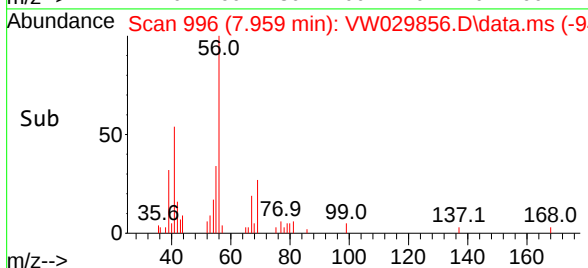
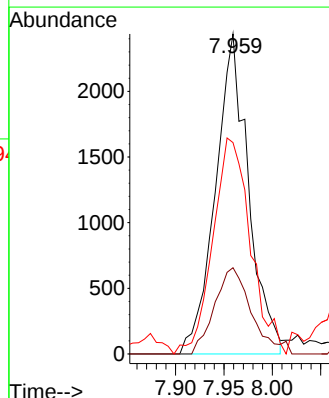
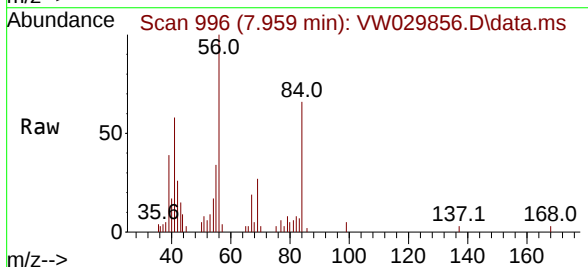
Manual Integrations
APPROVED

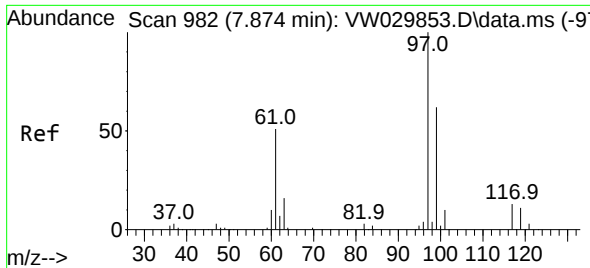
Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024



#29
Cyclohexane
Concen: 1.010 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

Tgt Ion: 56 Resp: 5781
Ion Ratio Lower Upper
56 100
69 29.5 23.0 34.4
84 73.6 63.5 95.3





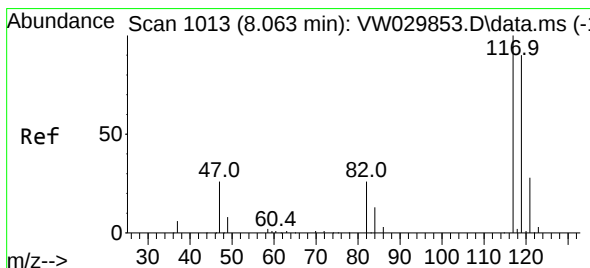
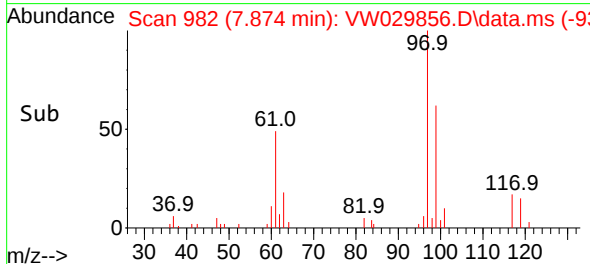
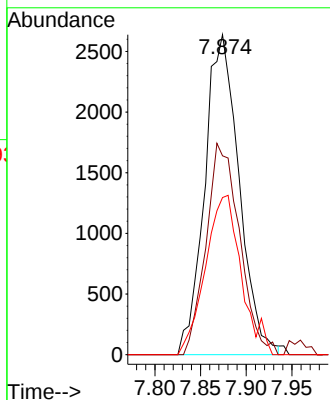
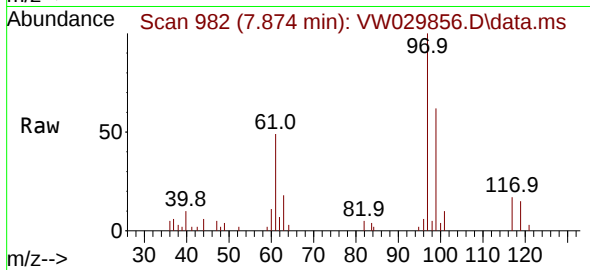
#30
1,1,1-Trichloroethane
Concen: 1.355 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT3-2024-06

Tgt Ion: 97 Resp: 6910
Ion Ratio Lower Upper
97 100
99 63.8 52.1 78.1
61 49.6 42.6 63.8

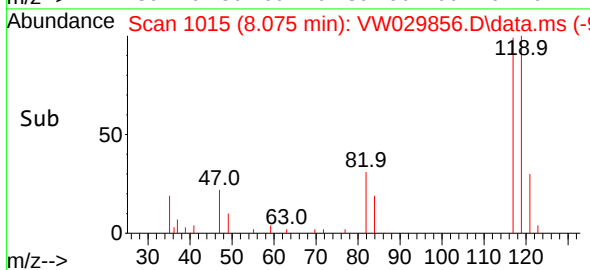
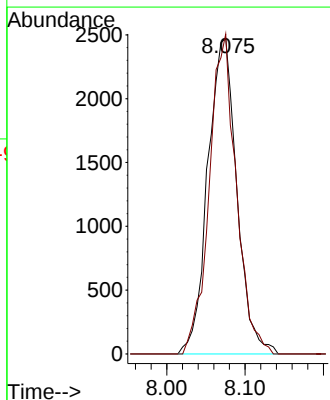
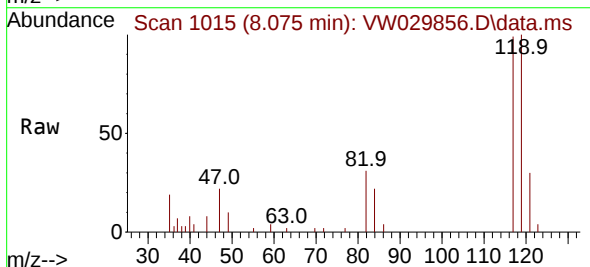
Manual Integrations
APPROVED

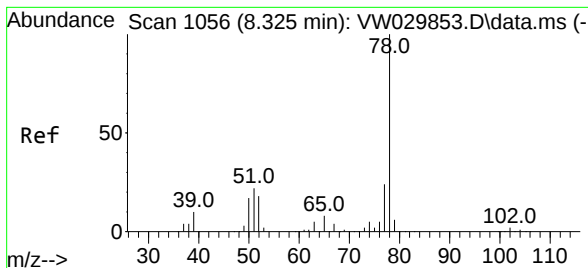
Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024



#31
Carbon tetrachloride
Concen: 1.389 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.012 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

Tgt Ion:117 Resp: 6379
Ion Ratio Lower Upper
117 100
119 94.2 74.8 112.2





#33

Benzene

Concen: 1.460 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VW029856.D

Acq: 08 Aug 2024 11:02

Instrument :

MSVOA_W

ClientSampleId :

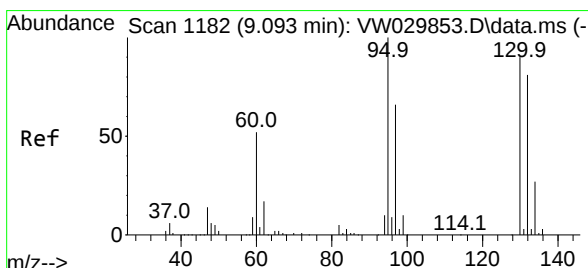
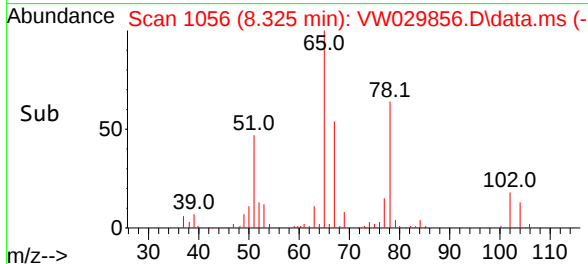
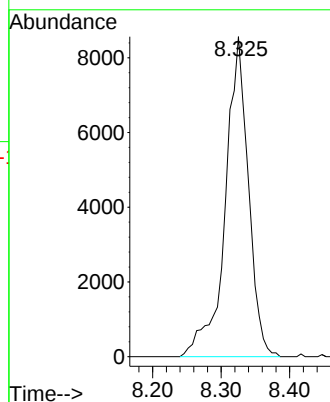
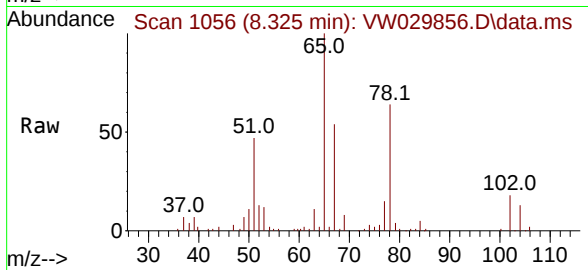
MDL-SOIL-QT3-2024-06

Tgt Ion: 78 Resp: 2013

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/09/2024

Supervised By :Mahesh Dadoda 08/13/2024



#34

Trichloroethene

Concen: 1.354 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW029856.D

Acq: 08 Aug 2024 11:02

Tgt Ion: 95 Resp: 4897

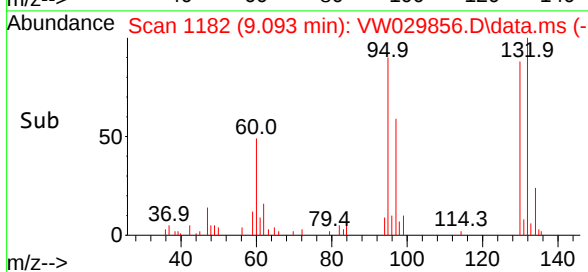
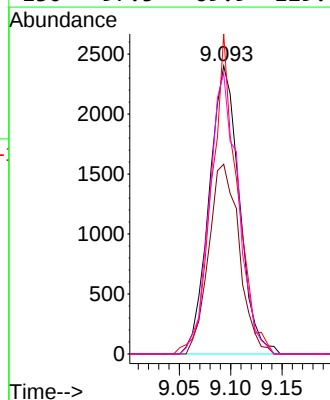
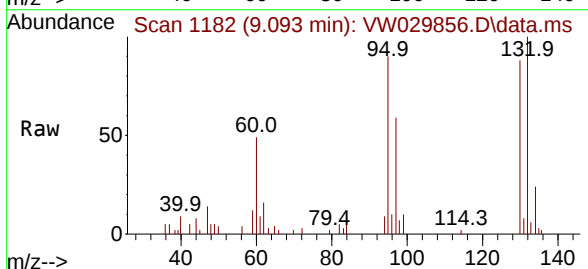
Ion Ratio Lower Upper

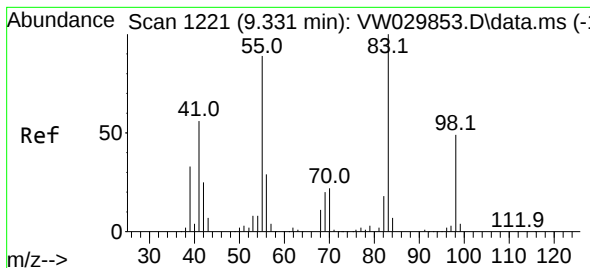
95 100

97 65.9 45.6 84.8

132 111.1 65.2 121.0

130 97.5 69.9 129.7





#35

Methylcyclohexane

Concen: 1.081 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW029856.D

Acq: 08 Aug 2024 11:02

Instrument :

MSVOA_W

ClientSampleId :

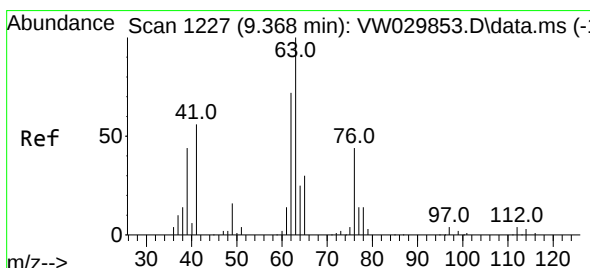
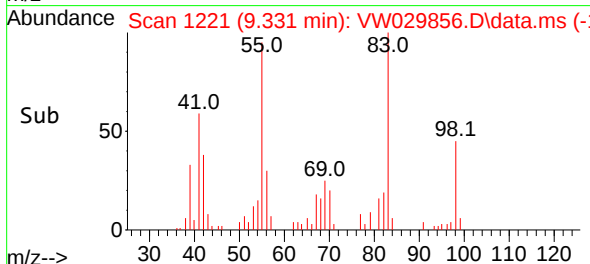
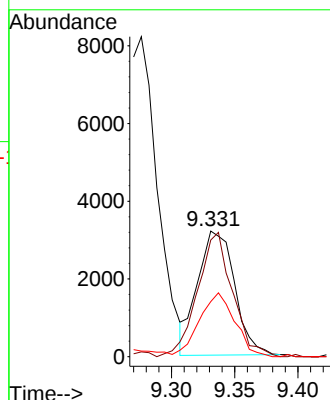
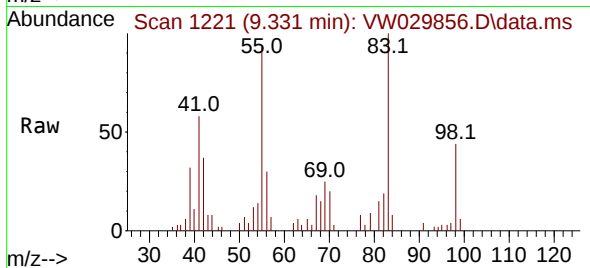
MDL-SOIL-QT3-2024-06

Tgt Ion: 83	Resp: 6510
Ion Ratio	Lower Upper
83	100
55	94.0 67.4 101.2
98	49.0 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024



#37

1,2-Dichloropropane

Concen: 1.318 ug/L

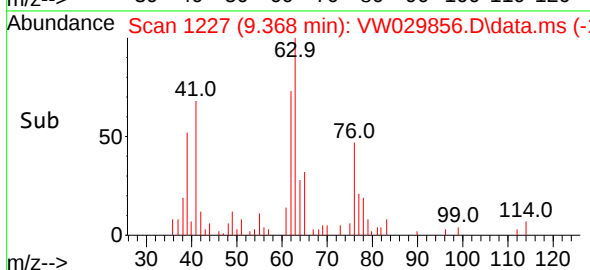
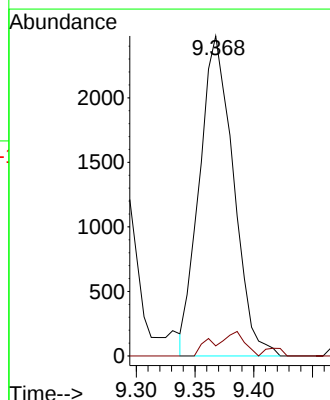
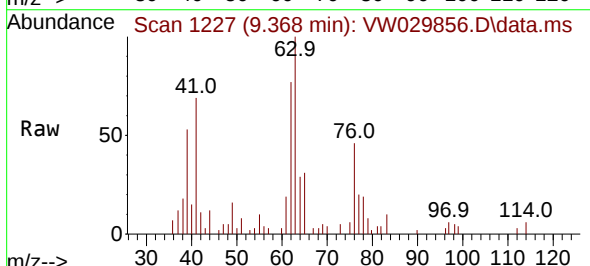
RT: 9.368 min Scan# 1227

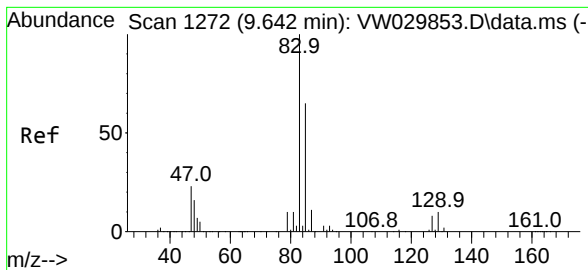
Delta R.T. -0.000 min

Lab File: VW029856.D

Acq: 08 Aug 2024 11:02

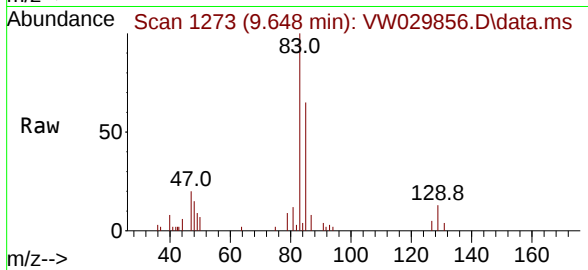
Tgt Ion: 63	Resp: 4981
Ion Ratio	Lower Upper
63	100
112	2.2 3.3 4.9





#38
Bromodichloromethane
Concen: 1.331 ug/L
RT: 9.648 min Scan# 1272
Delta R.T. 0.006 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

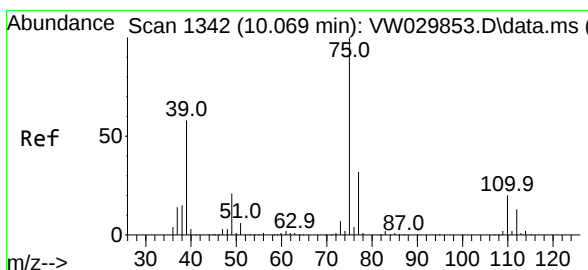
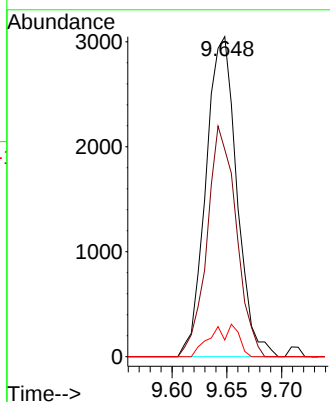
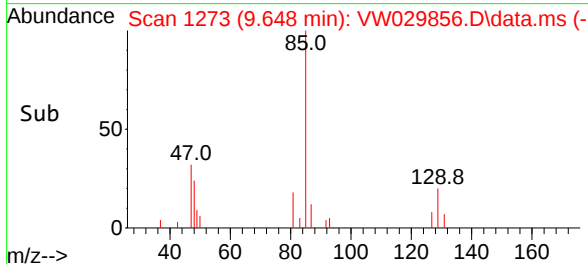
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT3-2024-06



Tgt Ion: 83 Resp: 599
Ion Ratio Lower Upper
83 100
85 64.7 46.6 86.6
127 5.2 5.9 8.9

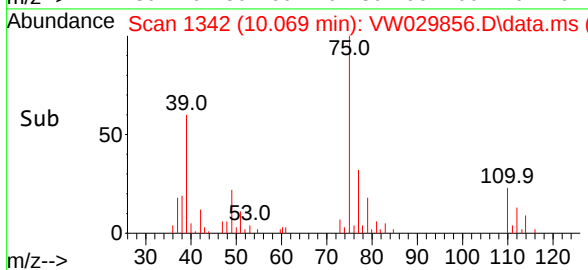
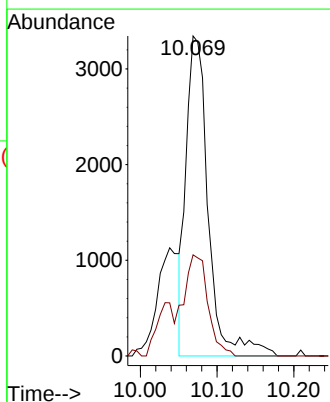
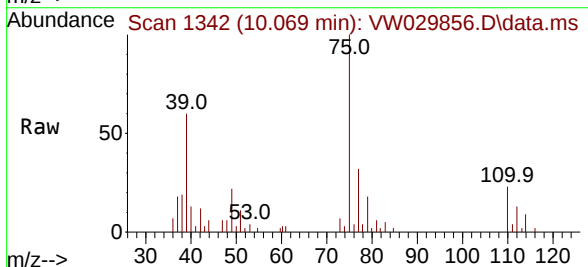
Manual Integrations
APPROVED

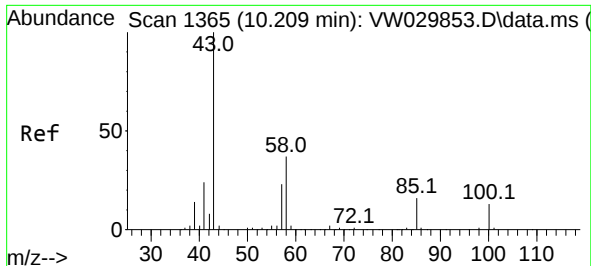
Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024



#39
cis-1,3-Dichloropropene
Concen: 1.213 ug/L m
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

Tgt Ion: 75 Resp: 6679
Ion Ratio Lower Upper
75 100
77 31.6 20.8 38.6





#40

4-Methyl-2-pentanone

Concen: 2.055 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029856.D

Acq: 08 Aug 2024 11:02

Instrument :

MSVOA_W

ClientSampleId :

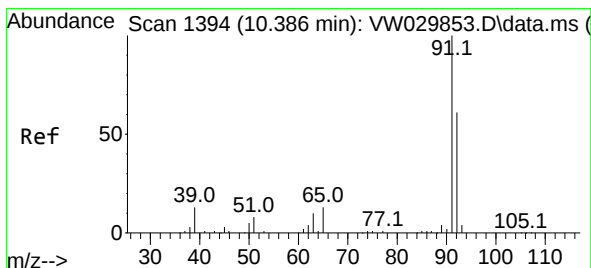
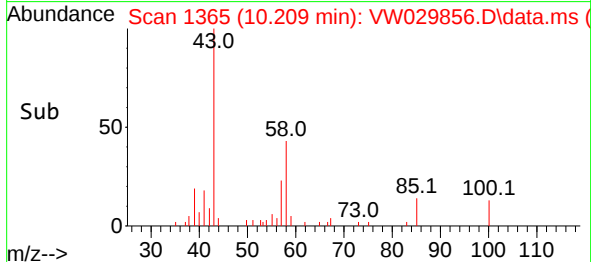
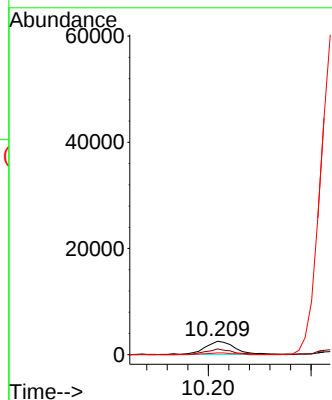
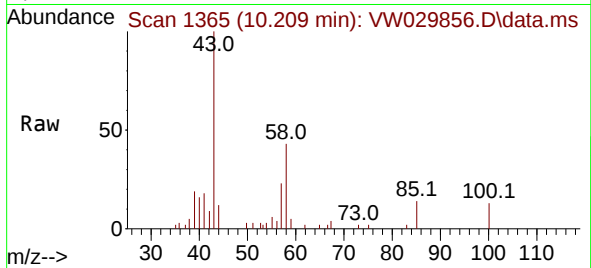
MDL-SOIL-QT3-2024-06

Tgt Ion:	43	Resp:	493
Ion Ratio	Lower	Upper	
43	100		
58	41.1	28.7	43.1
100	11.8	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024



#42

Toluene

Concen: 1.324 ug/L

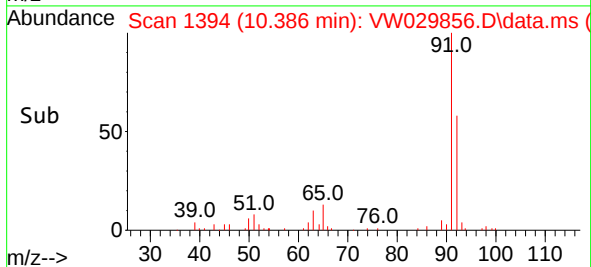
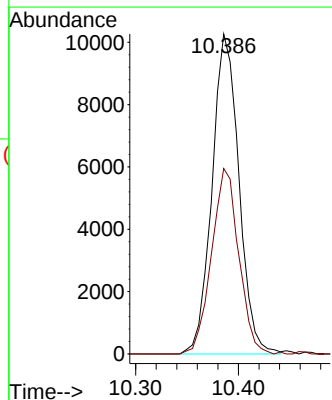
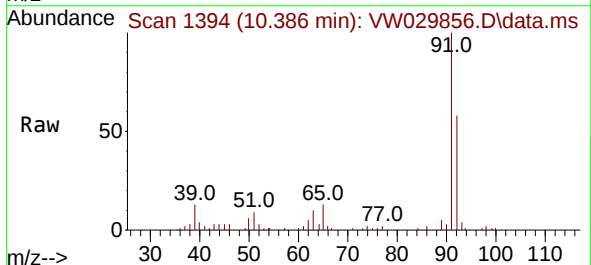
RT: 10.386 min Scan# 1394

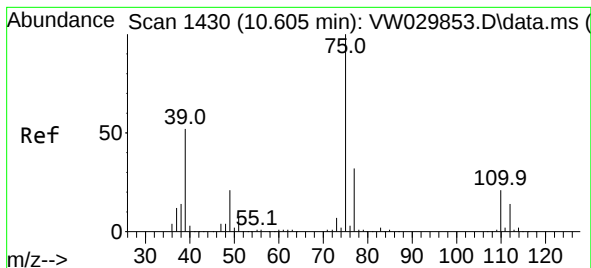
Delta R.T. -0.000 min

Lab File: VW029856.D

Acq: 08 Aug 2024 11:02

Tgt Ion:	91	Resp:	18635
Ion Ratio	Lower	Upper	
91	100		
92	58.0	39.5	73.4





#44

trans-1,3-Dichloropropene

Concen: 1.279 ug/L m

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029856.D

Acq: 08 Aug 2024 11:02

Instrument :

MSVOA_W

ClientSampleId :

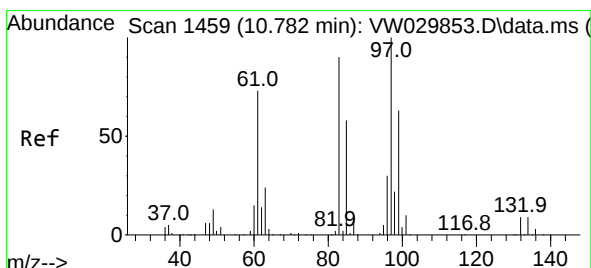
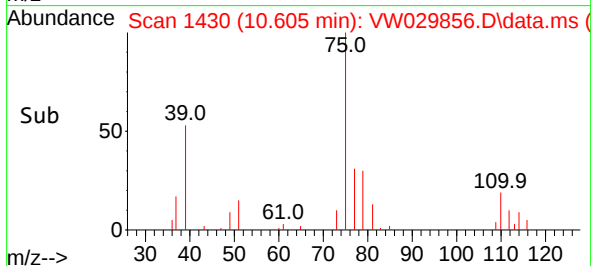
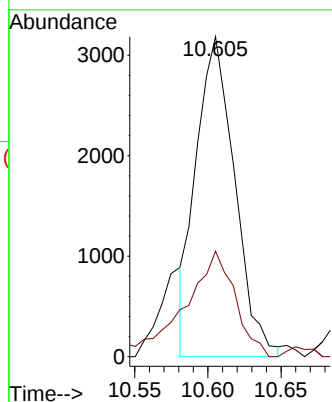
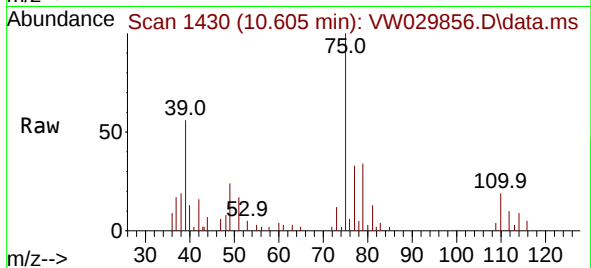
MDL-SOIL-QT3-2024-06

Tgt Ion: 75 Resp: 5844
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.0 41.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/09/2024
 Supervised By :Mahesh Dadoda 08/13/2024



#45

1,1,2-Trichloroethane

Concen: 1.365 ug/L

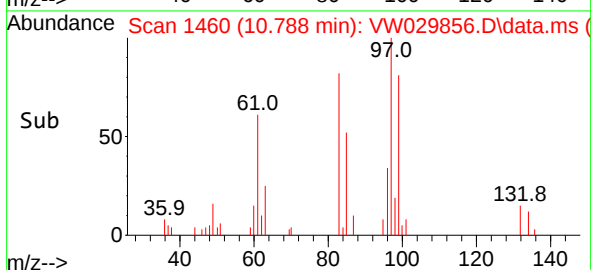
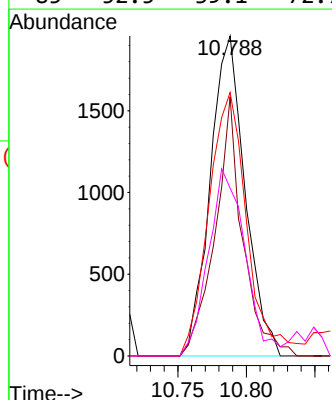
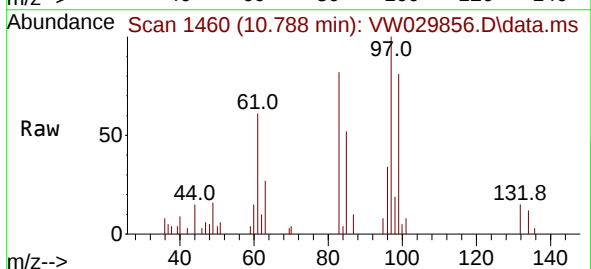
RT: 10.788 min Scan# 1460

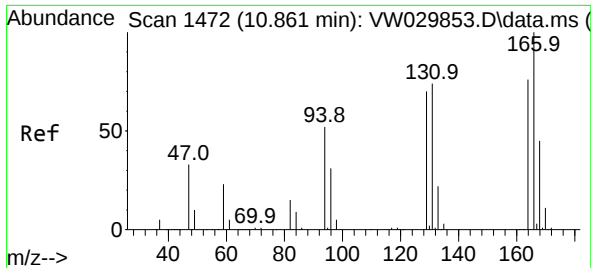
Delta R.T. 0.006 min

Lab File: VW029856.D

Acq: 08 Aug 2024 11:02

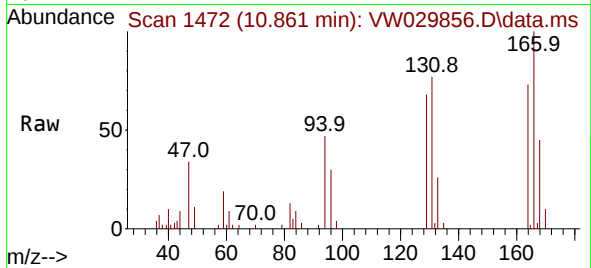
Tgt Ion: 97 Resp: 3466
 Ion Ratio Lower Upper
 97 100
 99 81.1 40.1 74.5#
 83 82.3 58.5 108.7
 85 52.5 39.1 72.7





#46
Tetrachloroethene
Concen: 1.320 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

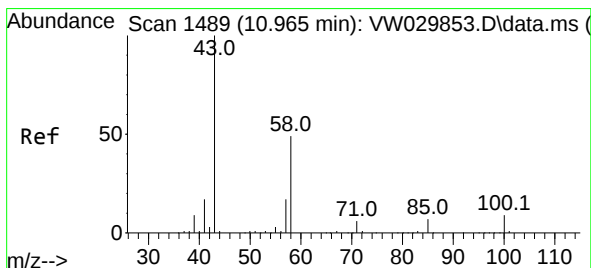
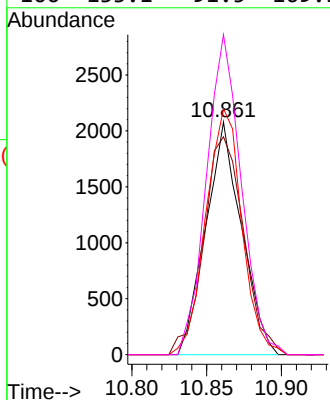
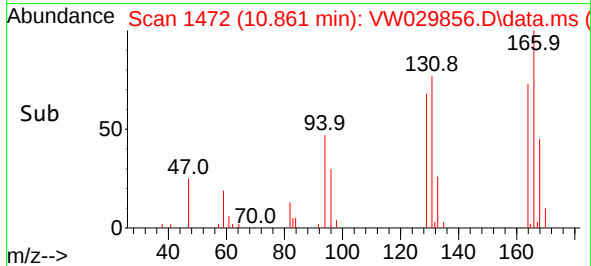
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT3-2024-06



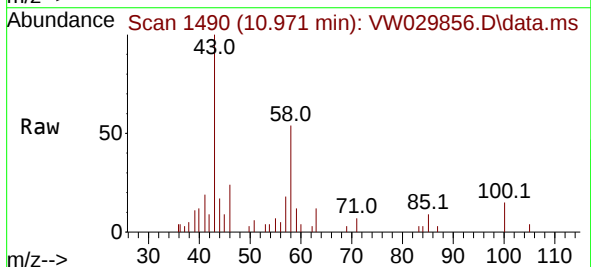
Tgt Ion:164 Resp: 3469
Ion Ratio Lower Upper
164 100
129 90.6 77.8 144.6
131 102.3 70.9 131.7
166 133.1 91.5 169.9

Manual Integrations
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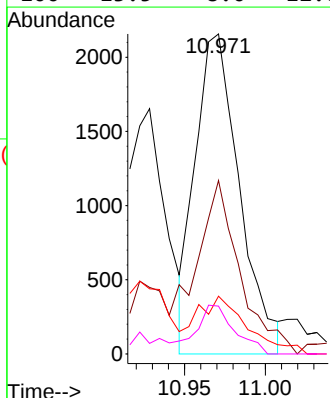
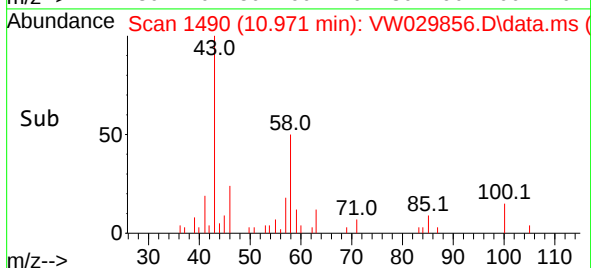
Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024

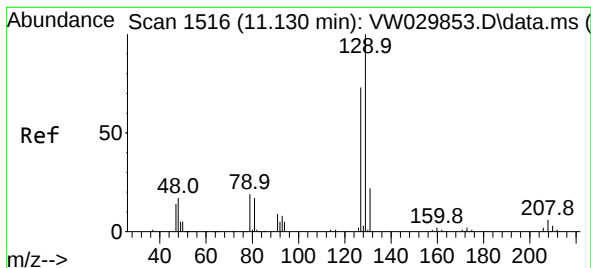


#48
2-Hexanone
Concen: 2.283 ug/L m
RT: 10.971 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02



Tgt Ion: 43 Resp: 4105
Ion Ratio Lower Upper
43 100
58 53.8 41.0 61.4
57 18.3 14.1 21.1
100 13.5 8.0 12.0#





#49

Dibromochloromethane

Concen: 1.287 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW029856.D

Acq: 08 Aug 2024 11:02

Instrument :

MSVOA_W

ClientSampleId :

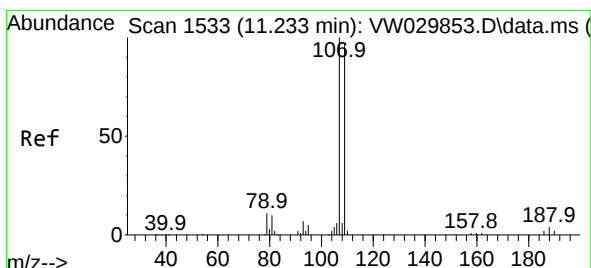
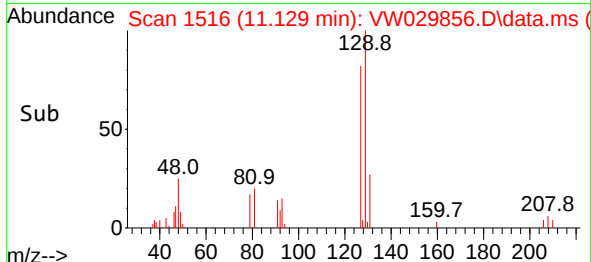
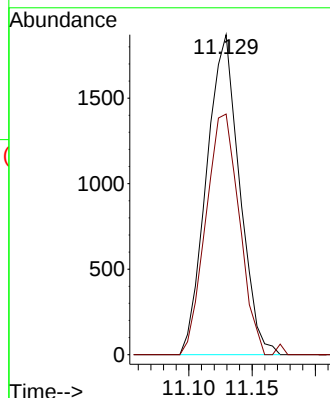
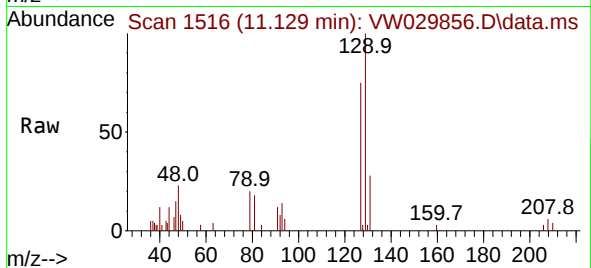
MDL-SOIL-QT3-2024-06

Tgt Ion:129 Resp: 3394
 Ion Ratio Lower Upper
 129 100
 127 78.6 52.4 97.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/09/2024
 Supervised By :Mahesh Dadoda 08/13/2024



#50

1,2-Dibromoethane

Concen: 1.330 ug/L

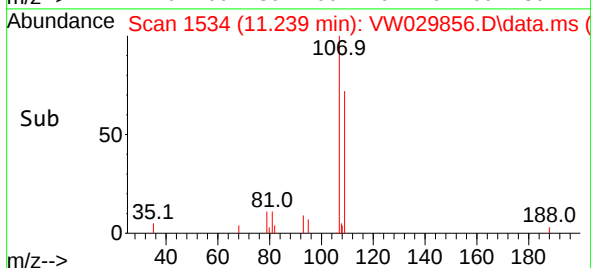
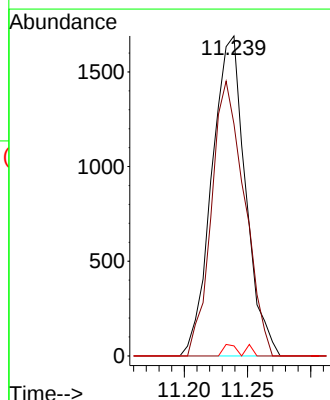
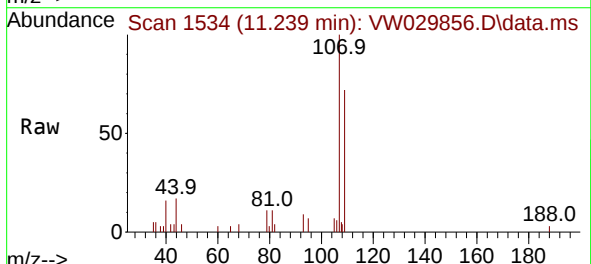
RT: 11.239 min Scan# 1534

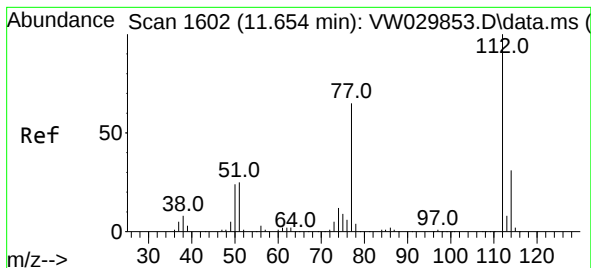
Delta R.T. 0.006 min

Lab File: VW029856.D

Acq: 08 Aug 2024 11:02

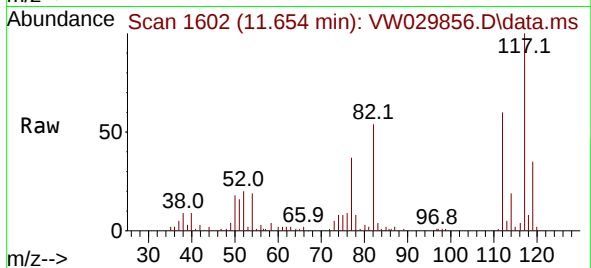
Tgt Ion:107 Resp: 3126
 Ion Ratio Lower Upper
 107 100
 109 69.3 64.8 120.3
 188 3.0 2.7 4.1





#51
Chlorobenzene
Concen: 1.369 ug/L
RT: 11.654 min Scan# 1198
Delta R.T. -0.000 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

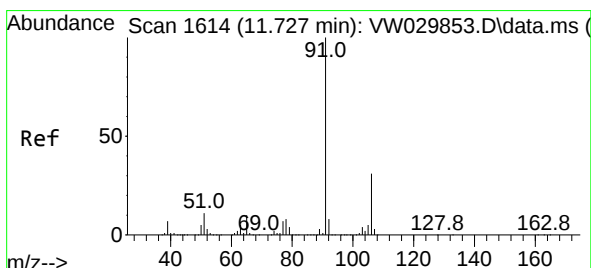
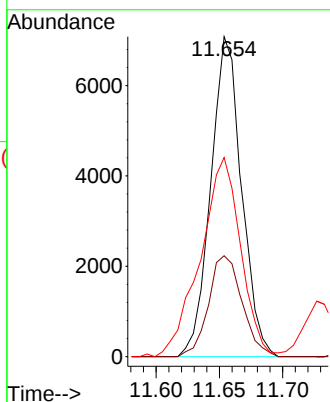
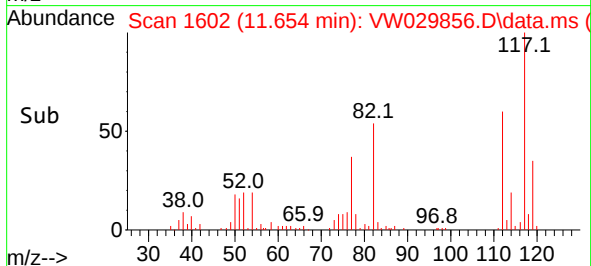
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 112 Resp: 1198
Ion Ratio Lower Upper
112 100
114 31.6 22.0 40.8
77 62.2 53.8 80.8

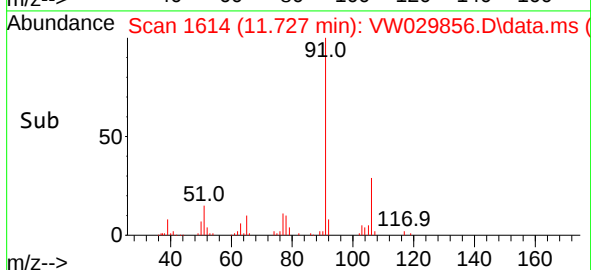
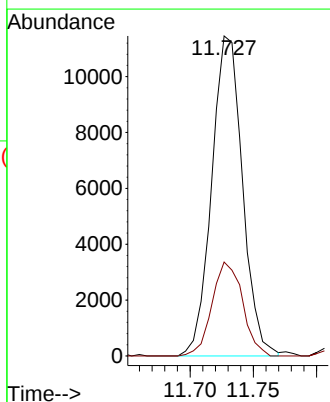
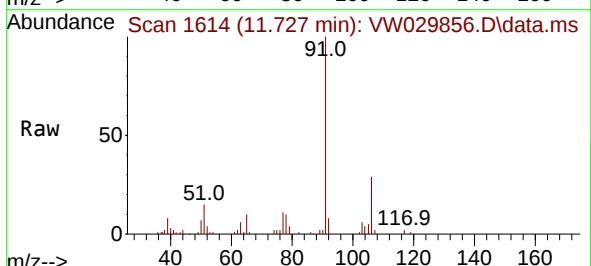
Manual Integrations
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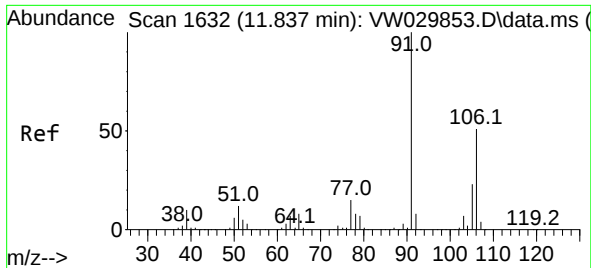
Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024



#52
Ethylbenzene
Concen: 1.222 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

Tgt Ion: 91 Resp: 19405
Ion Ratio Lower Upper
91 100
106 29.4 20.4 38.0





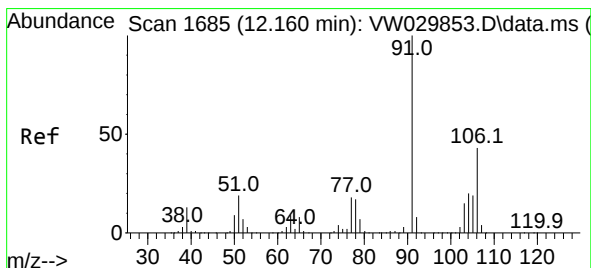
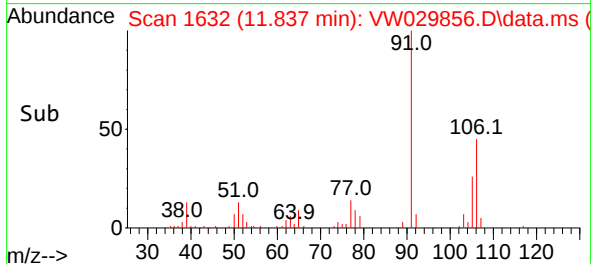
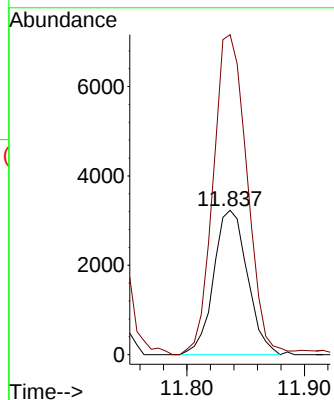
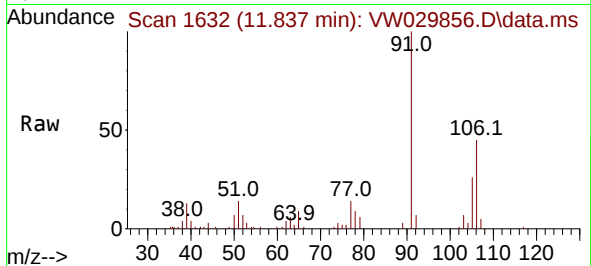
#53
m,p-Xylene
Concen: 1.103 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06

Tgt Ion:106 Resp: 644
Ion Ratio Lower Upper
106 100
91 221.8 151.4 281.2

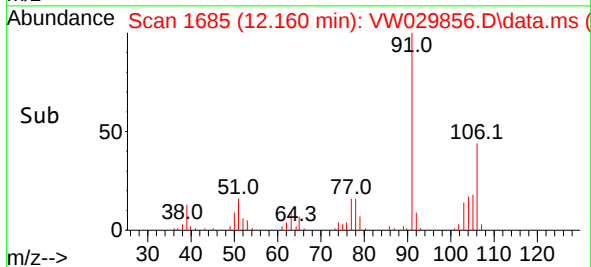
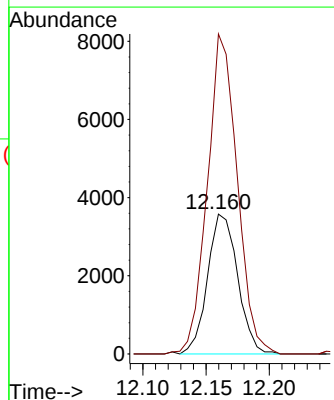
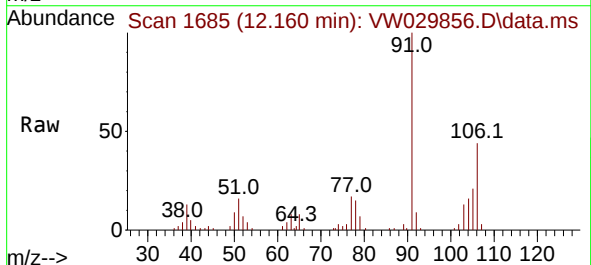
Manual Integrations
APPROVED

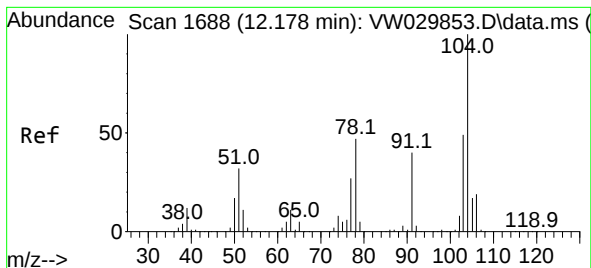
Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024



#54
o-Xylene
Concen: 1.101 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

Tgt Ion:106 Resp: 5921
Ion Ratio Lower Upper
106 100
91 228.8 155.8 289.4





#55

Styrene

Concen: 1.103 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029856.D

Acq: 08 Aug 2024 11:02

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT3-2024-06

Tgt Ion:104 Resp: 1028

Ion Ratio Lower Upper

104 100

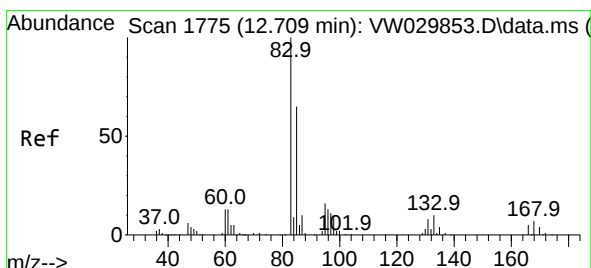
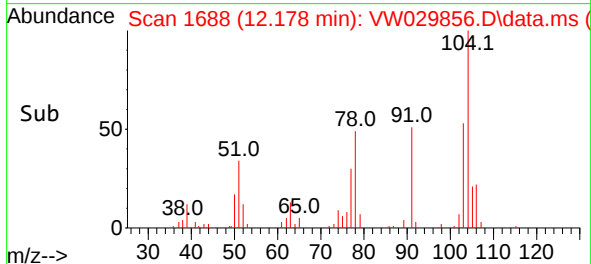
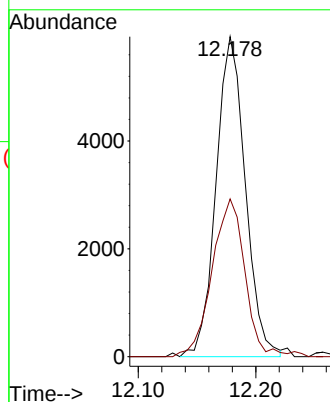
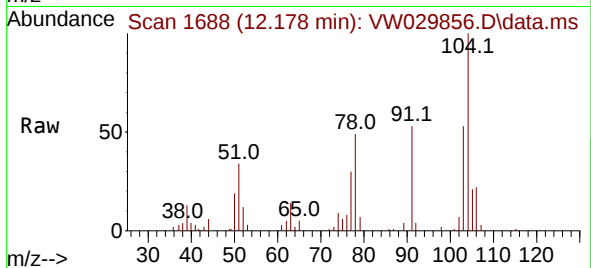
78 49.3 33.3 61.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/09/2024

Supervised By :Mahesh Dadoda 08/13/2024



#57

1,1,2,2-Tetrachloroethane

Concen: 1.414 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW029856.D

Acq: 08 Aug 2024 11:02

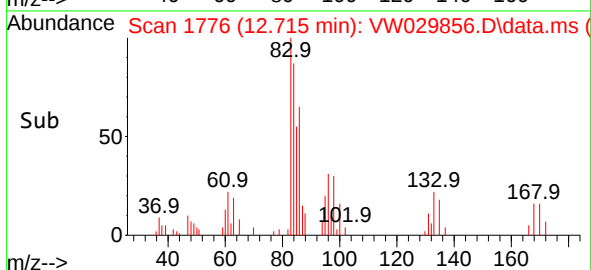
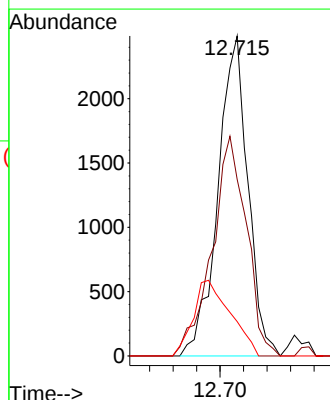
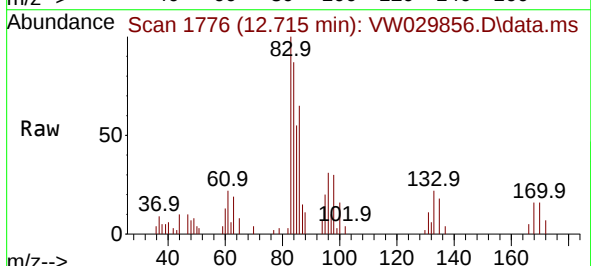
Tgt Ion: 83 Resp: 4406

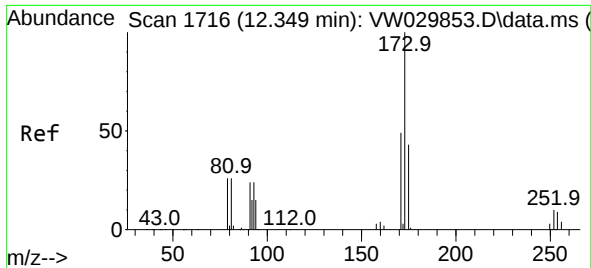
Ion Ratio Lower Upper

83 100

85 55.2 44.2 82.0

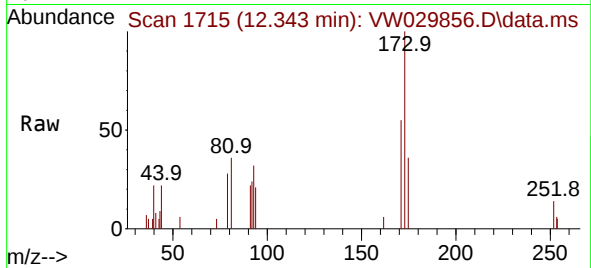
131 10.7 6.2 9.2#





#59
Bromoform
Concen: 1.283 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

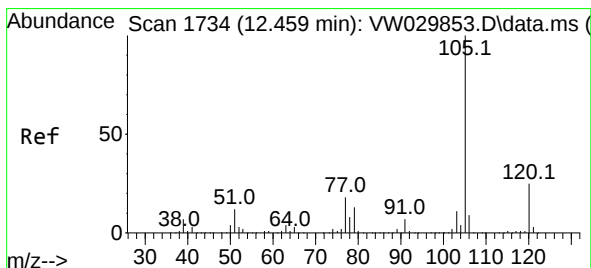
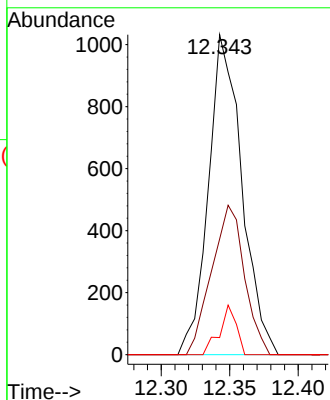
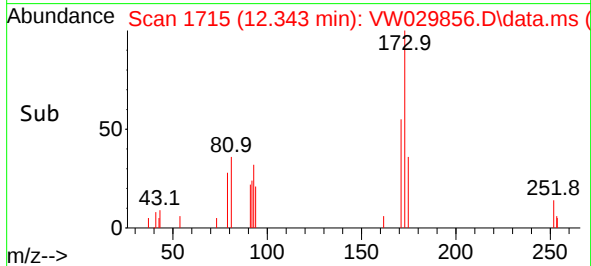
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06



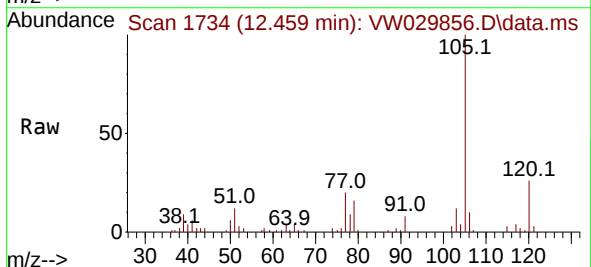
Tgt Ion:173 Resp: 1750
Ion Ratio Lower Upper
173 100
175 45.9 38.1 57.1
254 7.7 7.8 11.6

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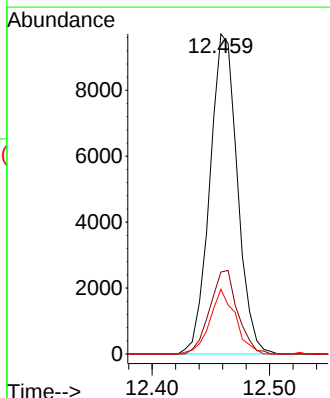
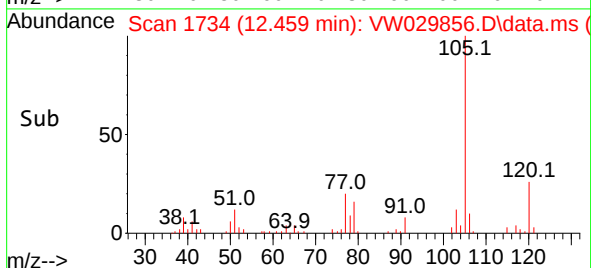
Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024

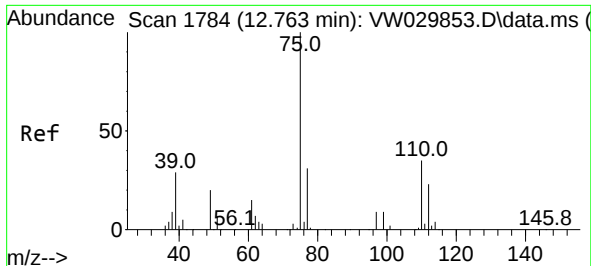


#60
Isopropylbenzene
Concen: 1.129 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02



Tgt Ion:105 Resp: 15845
Ion Ratio Lower Upper
105 100
120 26.3 20.3 30.5
77 18.7 14.0 21.0





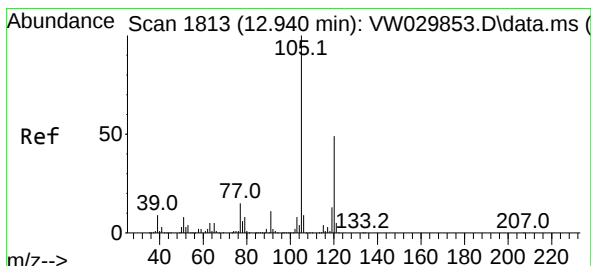
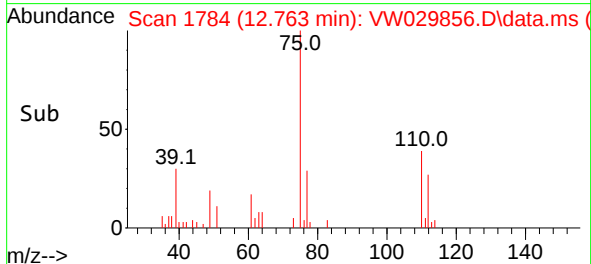
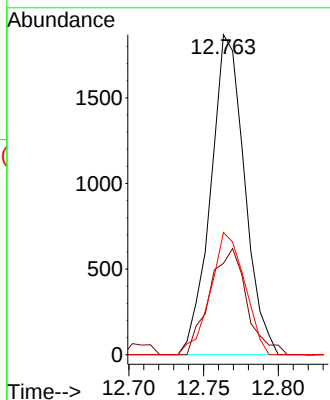
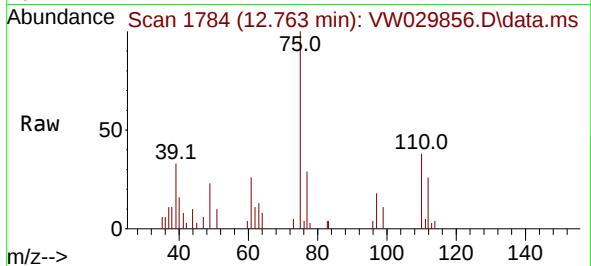
#61
1,2,3-Trichloropropane
Concen: 1.334 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT3-2024-06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	36.4	25.4	38.0
110	38.6	28.6	43.0

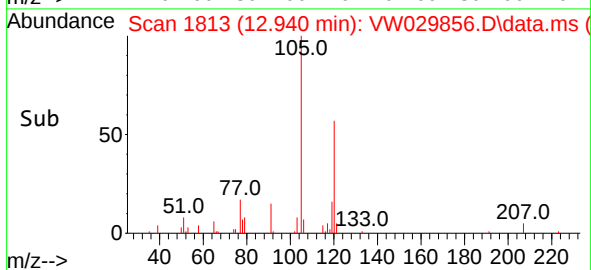
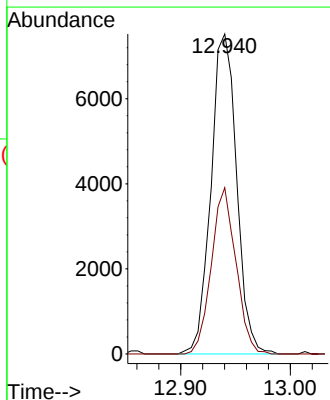
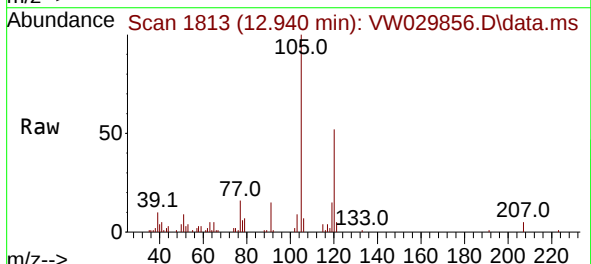
Manual Integrations
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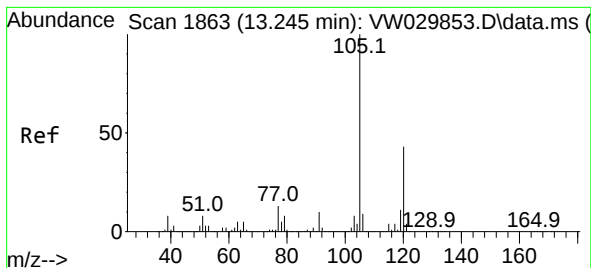
Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024



#62
1,3,5-Trimethylbenzene
Concen: 1.176 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.6	38.2	57.2





#63

1,2,4-Trimethylbenzene

Concen: 1.036 ug/L

RT: 13.245 min Scan# 1155

Delta R.T. -0.000 min

Lab File: VW029856.D

Acq: 08 Aug 2024 11:02

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT3-2024-06

Tgt Ion:105 Resp: 1155

Ion Ratio Lower Upper

105 100

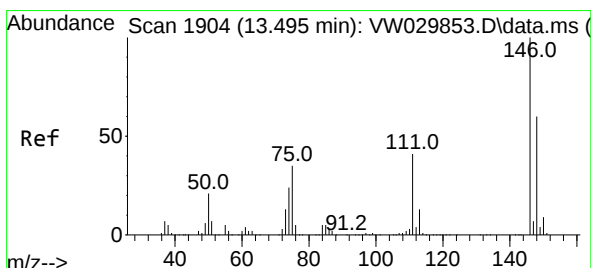
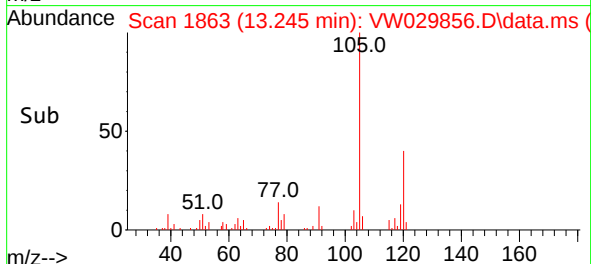
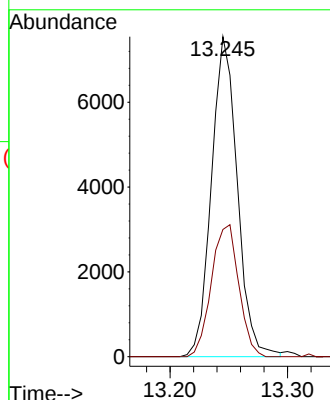
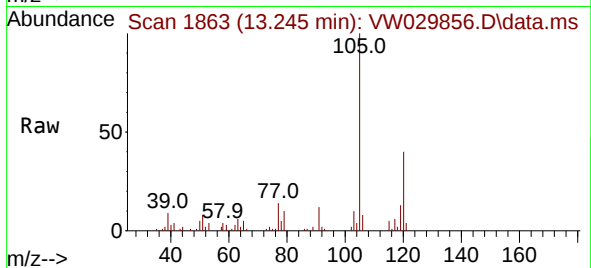
120 43.6 35.4 53.0

Manual Integrations

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Reviewed By :Romaben Patel 08/09/2024

Supervised By :Mahesh Dadoda 08/13/2024



#64

1,3-Dichlorobenzene

Concen: 1.349 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029856.D

Acq: 08 Aug 2024 11:02

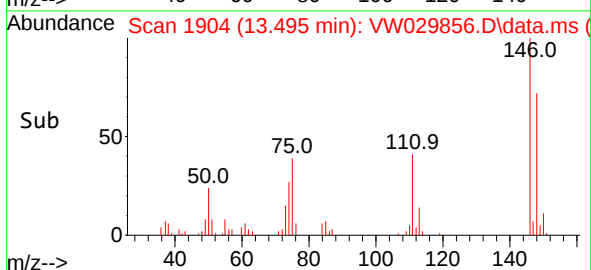
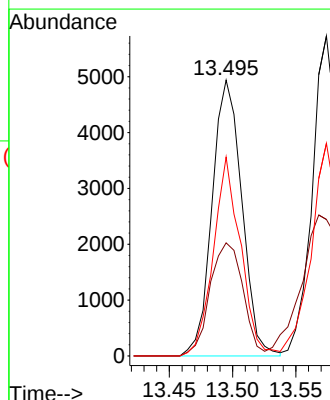
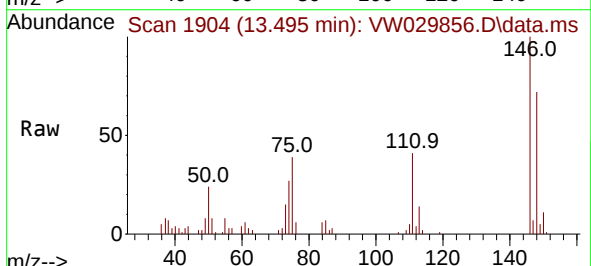
Tgt Ion:146 Resp: 8077

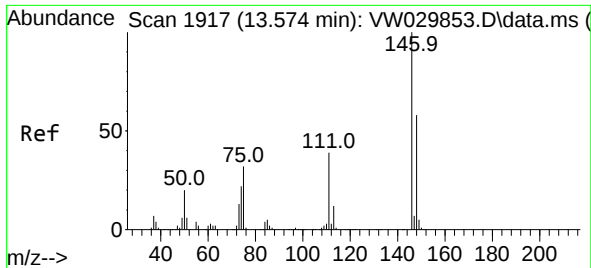
Ion Ratio Lower Upper

146 100

111 41.0 28.7 53.3

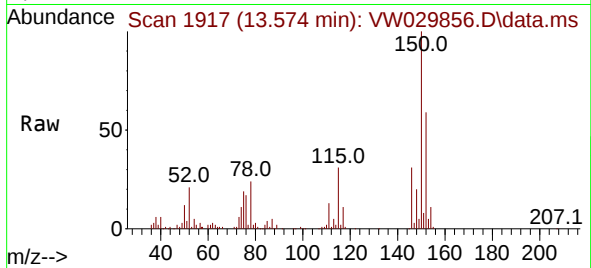
148 72.1 43.4 80.6





#65
1,4-Dichlorobenzene
Concen: 1.489 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

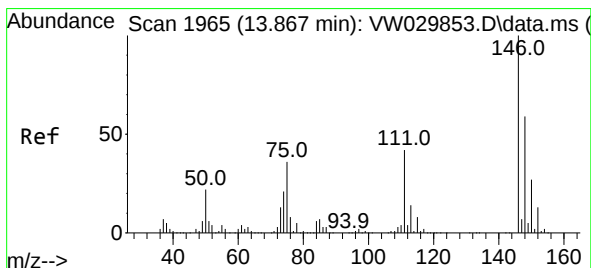
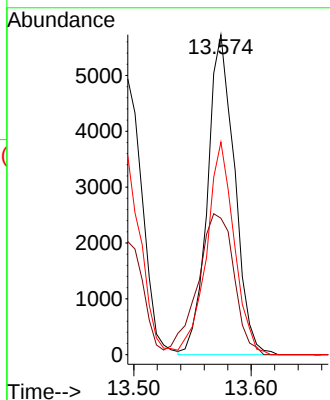
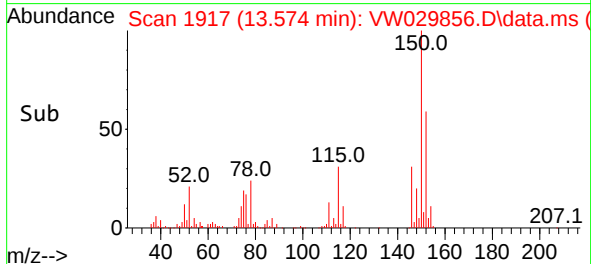
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06



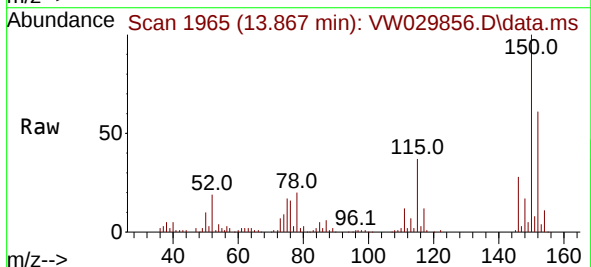
Tgt Ion:146 Resp: 915
Ion Ratio Lower Upper
146 100
111 42.7 30.1 55.9
148 66.4 45.4 84.4

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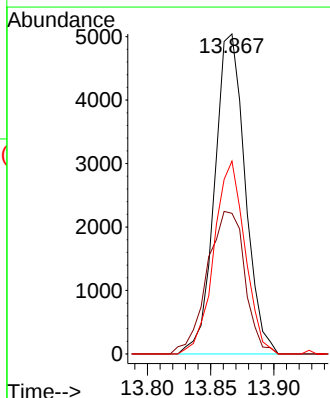
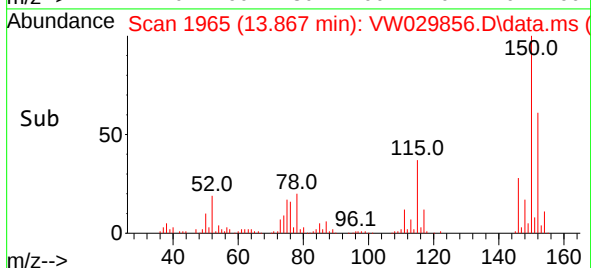
Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024

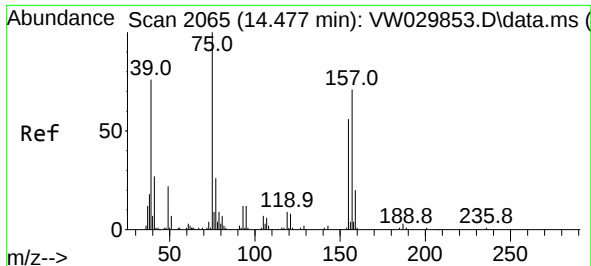


#67
1,2-Dichlorobenzene
Concen: 1.547 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02



Tgt Ion:146 Resp: 8433
Ion Ratio Lower Upper
146 100
111 43.9 35.8 53.8
148 60.3 52.6 78.8





#68

1,2-Dibromo-3-chloropropane

Concen: 1.488 ug/L m

RT: 14.489 min Scan# 2067

Delta R.T. 0.012 min

Lab File: VW029856.D

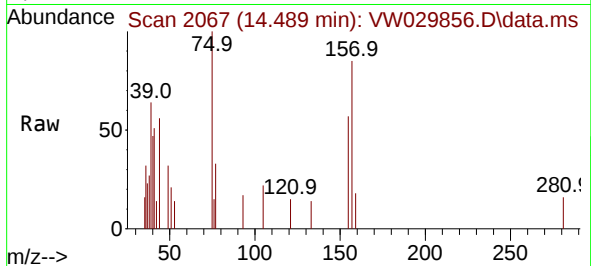
Acq: 08 Aug 2024 11:02

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT3-2024-06



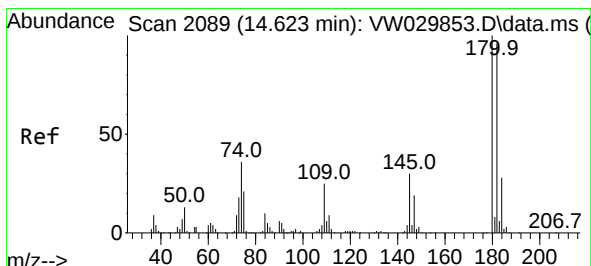
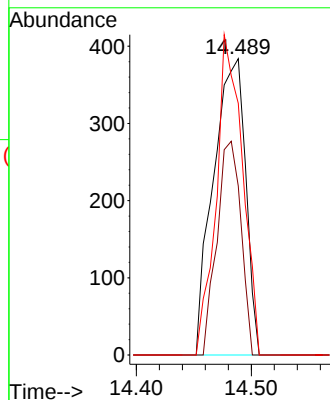
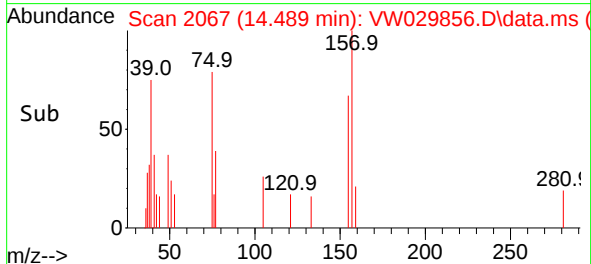
Tgt Ion:	75	Resp:	74.9
Ion Ratio	100		
Lower	47.8		
Upper	71.6		
155	57.0		
157	84.9		

Manual Integrations

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Reviewed By :Romaben Patel 08/09/2024

Supervised By :Mahesh Dadoda 08/13/2024



#69

1,3,5-Trichlorobenzene

Concen: 1.417 ug/L

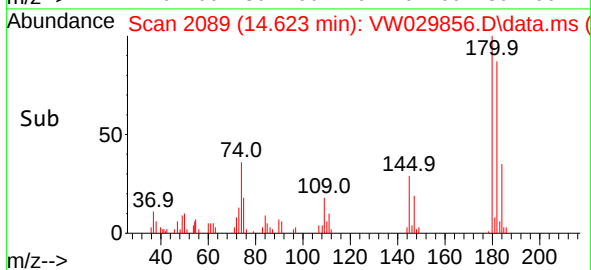
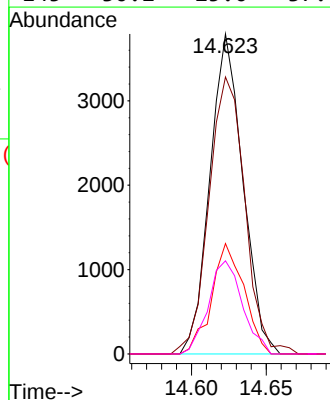
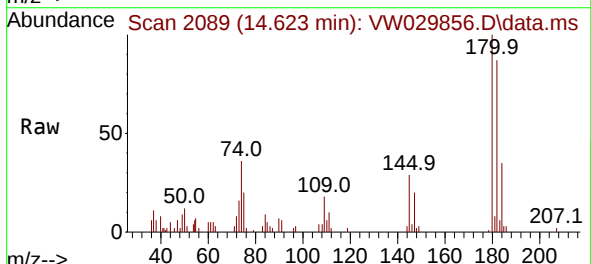
RT: 14.623 min Scan# 2089

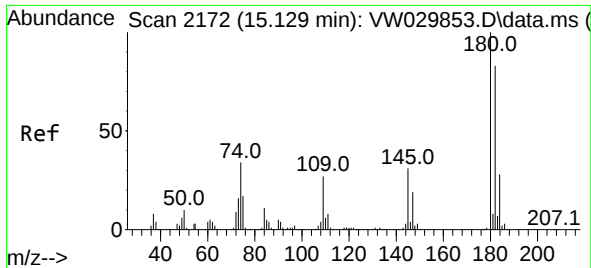
Delta R.T. -0.000 min

Lab File: VW029856.D

Acq: 08 Aug 2024 11:02

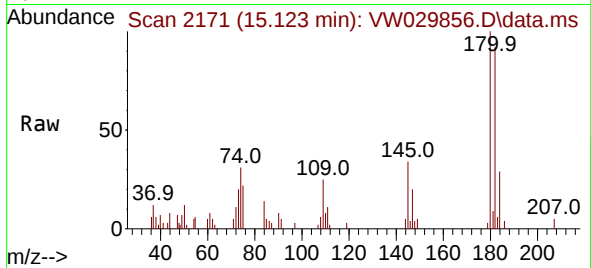
Tgt Ion:	180	Resp:	5805
Ion Ratio	100		
Lower	72.7		
Upper	109.1		
182	93.3		
184	33.9		
145	30.2		





#70
1,2,4-trichlorobenzene
Concen: 1.232 ug/L
RT: 15.123 min Scan# 2172
Delta R.T. -0.006 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

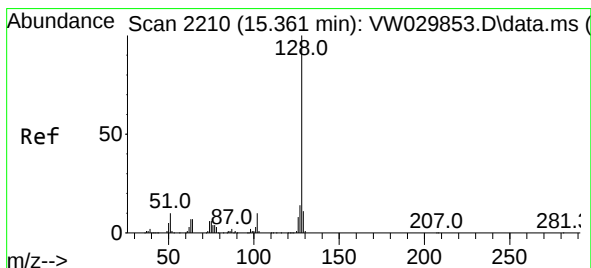
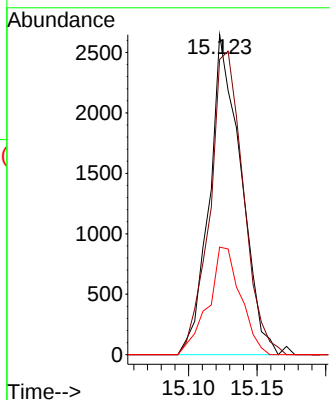
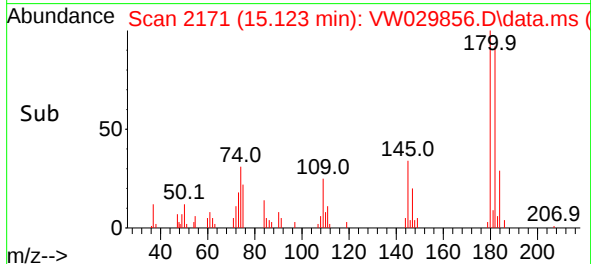
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06



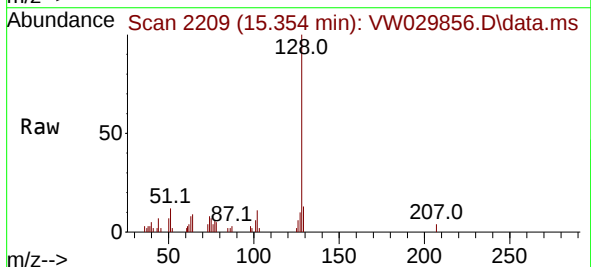
Tgt Ion:180 Resp: 4250
Ion Ratio Lower Upper
180 100
182 100.4 80.2 120.4
145 34.4 26.3 39.5

Manual Integrations
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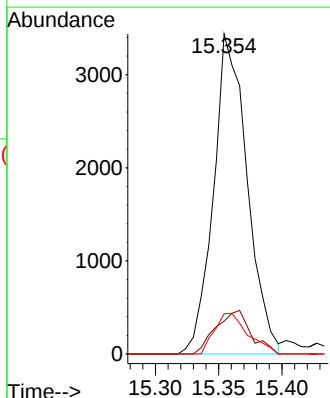
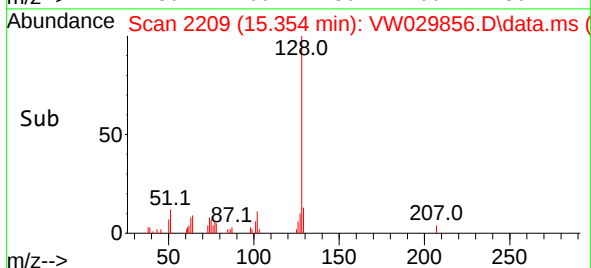
Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024

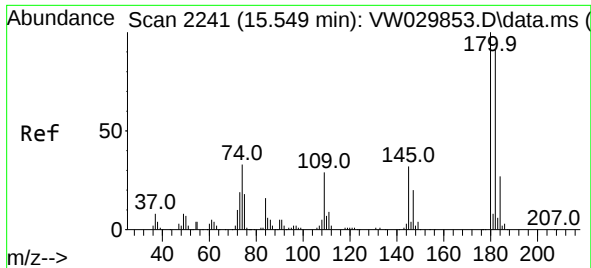


#71
Naphthalene
Concen: 0.965 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. -0.006 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02



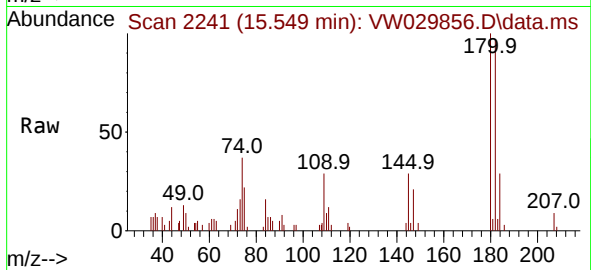
Tgt Ion:128 Resp: 6355
Ion Ratio Lower Upper
128 100
127 14.1 10.7 16.1
129 12.6 8.9 13.3





#72
1,2,3-Trichlorobenzene
Concen: 1.289 ug/L
RT: 15.549 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029856.D
Acq: 08 Aug 2024 11:02

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:180 Resp: 402
Ion Ratio Lower Upper
180 100
182 94.7 74.0 111.0
145 32.4 27.5 41.3

Manual Integrations
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Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024

