

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050824\
 Data File : VW028594.D
 Acq On : 08 May 2024 10:13
 Operator : SY/MD
 Sample : P2409-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT2-2024-04

Quant Time: May 09 01:01:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 09 00:53:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	294655	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	269010	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124117	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.369	65	127393	22.768	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.080%
7) Chloroethane-d5	2.905	69	98649	23.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.120%
11) 1,1-Dichloroethene-d2	4.027	65	53933	23.071	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.280%
21) 2-Butanone-d5	7.081	46	55866	38.270	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.540%
24) Chloroform-d	7.654	84	224525	24.386	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.560%
26) 1,2-Dichloroethane-d4	8.307	65	126790	24.054	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	8.276	84	443642	24.718	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.880%
36) 1,2-Dichloropropane-d6	9.276	67	135185	25.031	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.120%
41) Toluene-d8	10.325	98	396281	24.932	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.720%
43) trans-1,3-Dichloroprop...	10.575	79	50593	23.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.160%
47) 2-Hexanone-d5	10.922	63	37424	40.176	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99908	22.061	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.240%
66) 1,2-Dichlorobenzene-d4	13.849	152	117740	24.889	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.560%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.015	85	4647m	1.085	ug/L
3) Chloromethane	2.223	50	6311m	1.190	ug/L
5) Vinyl chloride	2.375	62	7439m	1.246	ug/L
6) Bromomethane	2.789	94	4318	1.250	ug/L
8) Chloroethane	2.936	64	4001m	1.175	ug/L
9) Trichlorofluoromethane	3.271	101	5153m	1.051	ug/L
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	7155m	1.583	ug/L
12) 1,1-Dichloroethene	4.045	96	5867	1.447	ug/L #
14) Carbon disulfide	4.393	76	15688	1.145	ug/L #
15) Methyl Acetate	4.673	43	2717m	1.176	ug/L
17) trans-1,2-Dichloroethene	5.429	96	4976	1.179	ug/L
18) Methyl tert-butyl Ether	5.435	73	7277m	1.168	ug/L
19) 1,1-Dichloroethane	6.222	63	9754	1.165	ug/L
20) cis-1,2-Dichloroethene	7.173	96	5362	1.214	ug/L
23) Bromochloromethane	7.520	128	2524	1.310	ug/L #
25) Chloroform	7.679	83	10774	1.331	ug/L
27) 1,2-Dichloroethane	8.410	62	7549	1.282	ug/L
29) Cyclohexane	7.959	56	7247	0.945	ug/L
30) 1,1,1-Trichloroethane	7.880	97	7844	1.164	ug/L

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 Supervised By :Mahesh Dadoda 05/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	8.075	117	7107	1.156	ug/L	98
33) Benzene	8.325	78	21805	1.250	ug/L	100
34) Trichloroethene	9.093	95	5503	1.177	ug/L	91
35) Methylcyclohexane	9.337	83	9023	1.104	ug/L	98
37) 1,2-Dichloropropane	9.368	63	5668	1.247	ug/L #	90
38) Bromodichloromethane	9.648	83	6893	1.244	ug/L	92
39) cis-1,3-Dichloropropene	10.069	75	7725	1.186	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	6173	1.995	ug/L	99
42) Toluene	10.386	91	21502	1.193	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	6055	1.102	ug/L	94
45) 1,1,2-Trichloroethane	10.788	97	3893	1.182	ug/L	94
46) Tetrachloroethene	10.861	164	3711	1.101	ug/L	87
48) 2-Hexanone	10.965	43	4897	2.242	ug/L	97
49) Dibromochloromethane	11.129	129	3980	1.205	ug/L	86
50) 1,2-Dibromoethane	11.239	107	3525	1.143	ug/L #	96
51) Chlorobenzene	11.654	112	13442	1.206	ug/L	97
52) Ethylbenzene	11.727	91	22749	1.116	ug/L	96
53) m,p-Xylene	11.837	106	7985	1.068	ug/L	86
54) o-Xylene	12.166	106	7467	1.080	ug/L	81
55) Styrene	12.178	104	12017	1.026	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	5204	1.260	ug/L #	88
59) Bromoform	12.349	173	2208	1.219	ug/L #	95
60) Isopropylbenzene	12.459	105	19978	1.061	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	3254	1.085	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.940	105	13709	1.029	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	13956	0.972	ug/L	96
64) 1,3-Dichlorobenzene	13.501	146	9253	1.181	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	10368	1.295	ug/L	87
67) 1,2-Dichlorobenzene	13.867	146	9494	1.354	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	814m	1.161	ug/L	
69) 1,3,5-Trichlorobenzene	14.623	180	6467	1.230	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	5322	1.253	ug/L	95
71) Naphthalene	15.354	128	8935	0.987	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.549	180	4760	1.242	ug/L	98

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

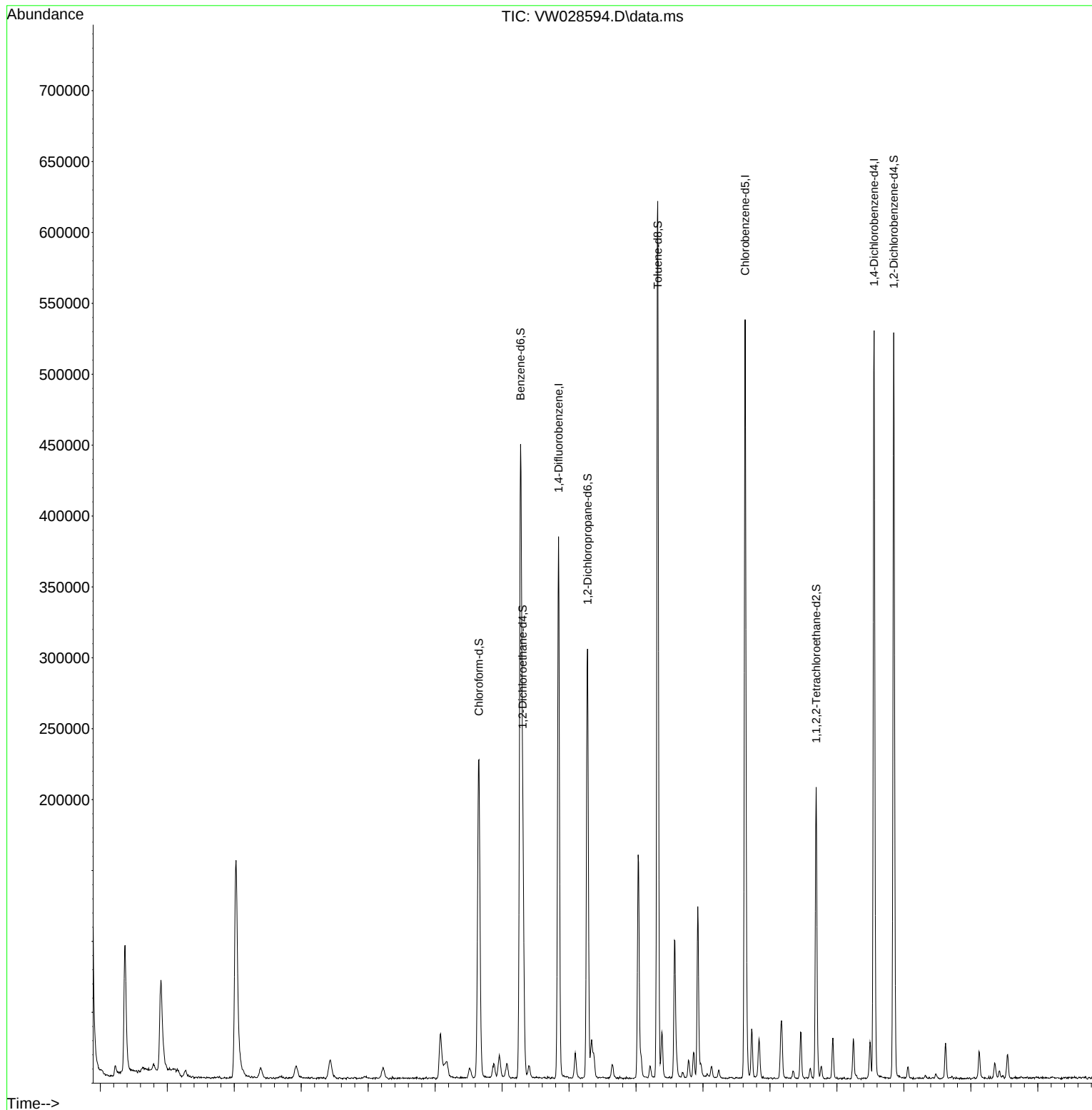
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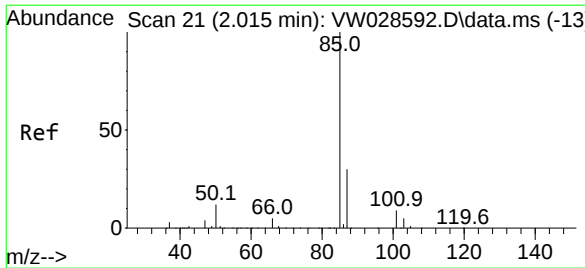
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2024-04

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Supervised By :Mahesh Dadoda 05/09/2024





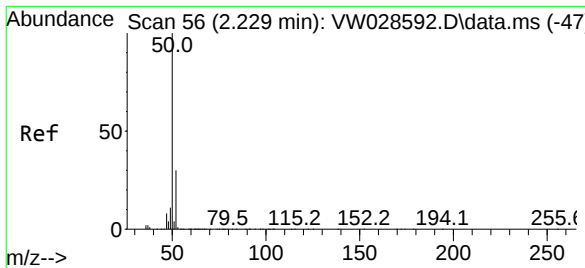
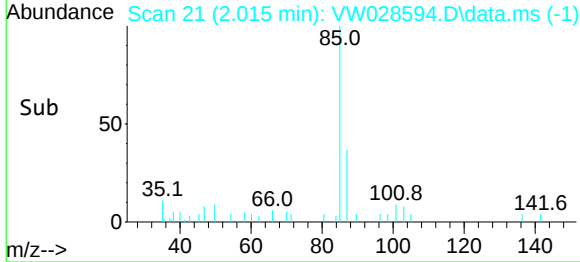
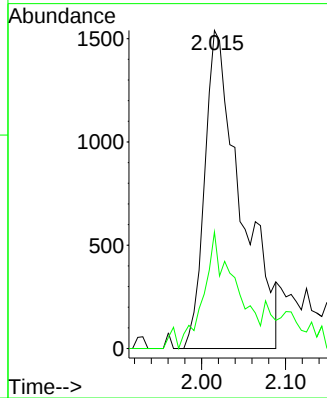
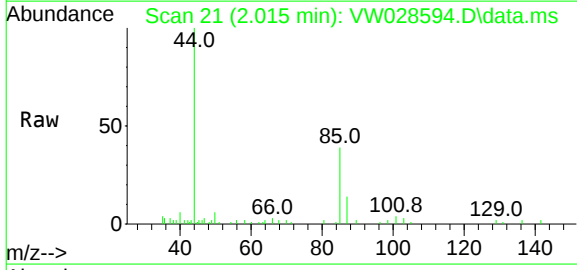
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Dichlorodifluoromethane
Concen: 1.085 ug/L m
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2024-04

Tgt Ion: 85 Resp: 4647
Ion Ratio Lower Upper
85 100
87 1.6 21.9 32.9#

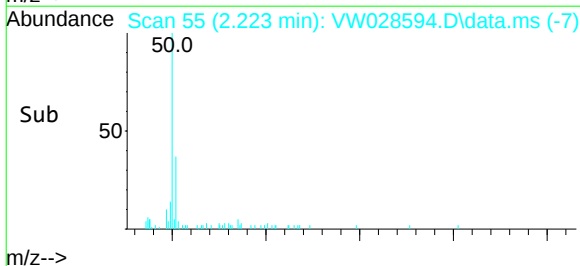
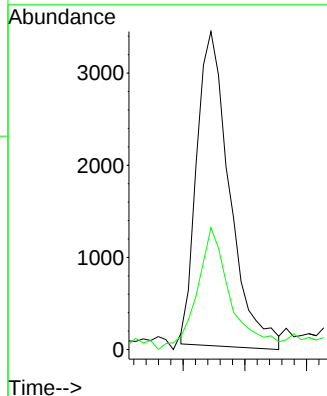
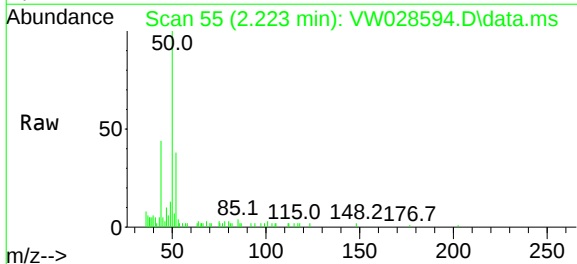
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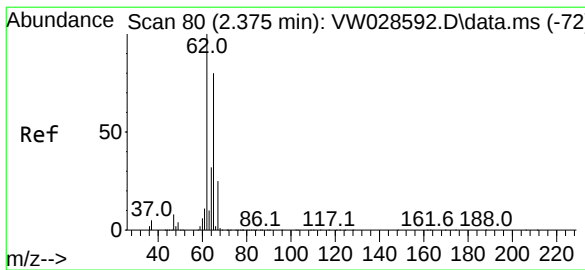
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#3
Chloromethane
Concen: 1.190 ug/L m
RT: 2.223 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

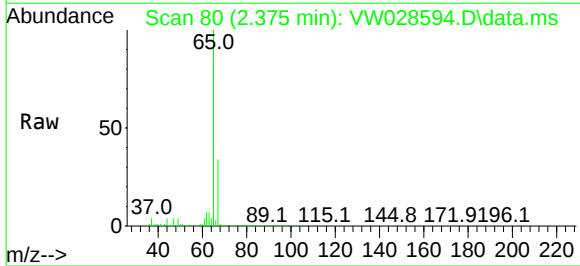
Tgt Ion: 50 Resp: 6311
Ion Ratio Lower Upper
50 100
52 38.3 22.0 41.0





#5
Vinyl chloride
Concen: 1.246 ug/L m
RT: 2.375 min Scan# 80
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

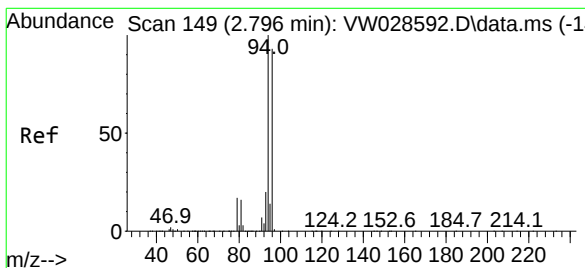
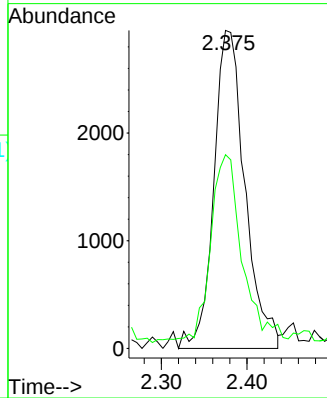
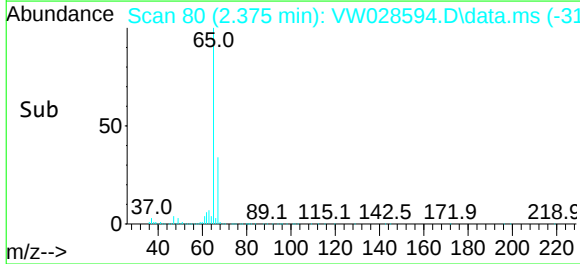
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2024-04



Tgt Ion: 62 Resp: 7439
Ion Ratio Lower Upper
62 100
64 60.9 23.3 43.3#

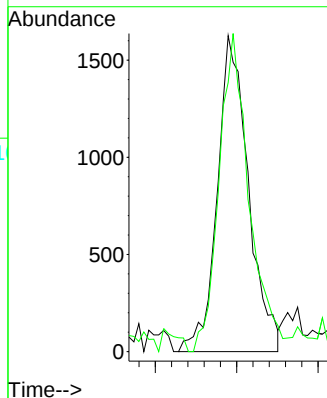
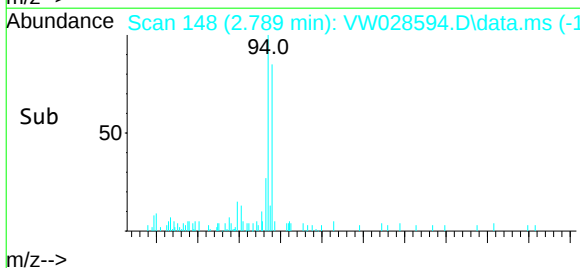
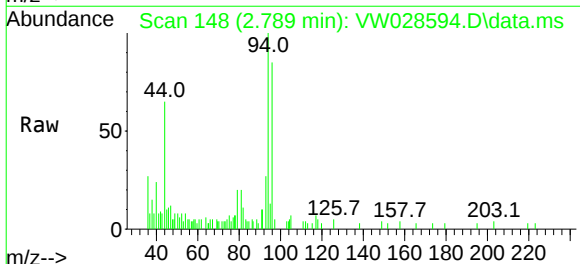
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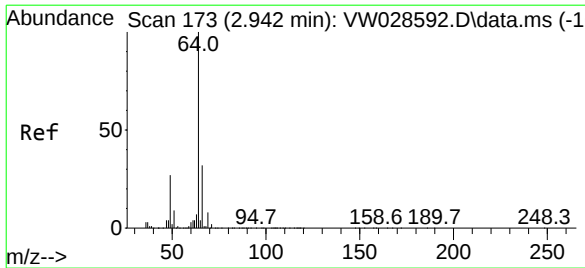
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#6
Bromomethane
Concen: 1.250 ug/L
RT: 2.789 min Scan# 148
Delta R.T. -0.006 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Tgt Ion: 94 Resp: 4318
Ion Ratio Lower Upper
94 100
96 85.2 66.3 123.1





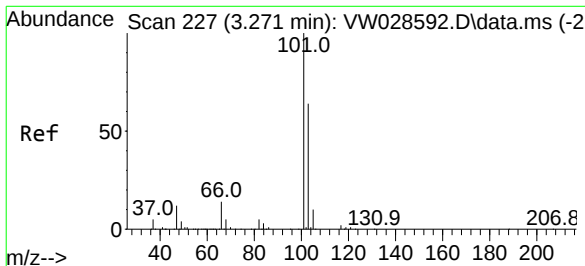
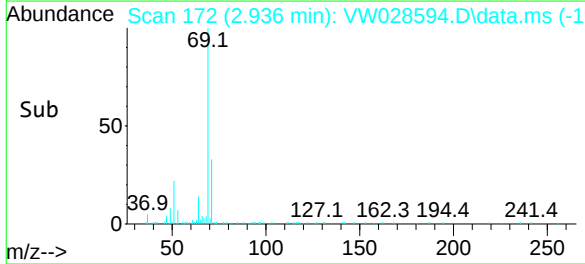
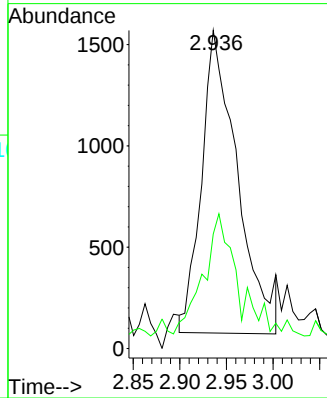
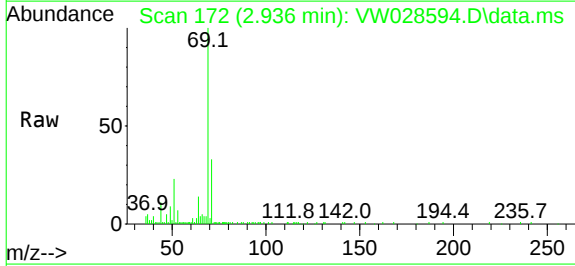
#8
Chloroethane
Concen: 1.175 ug/L m
RT: 2.936 min Scan# 173
Delta R.T. -0.006 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2024-04

Tgt Ion	Ratio	Lower	Upper
64	100		
66	36.0	21.7	40.3

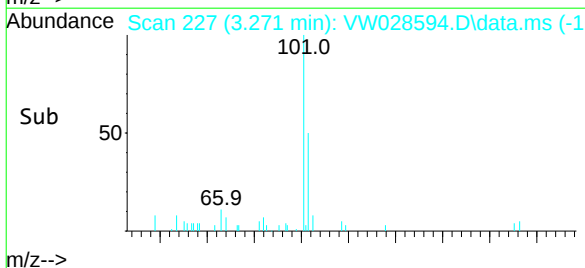
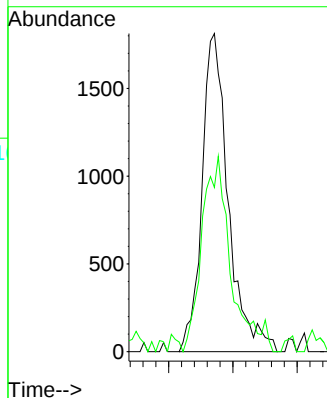
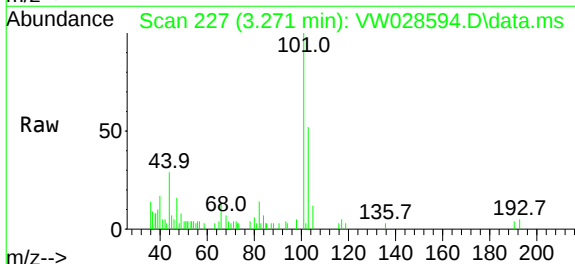
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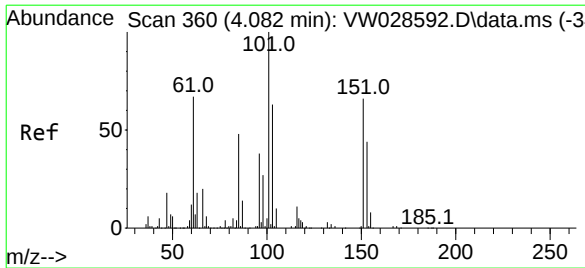
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#9
Trichlorofluoromethane
Concen: 1.051 ug/L m
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Tgt Ion	Ratio	Lower	Upper
101	100		
103	1.7	50.4	75.6





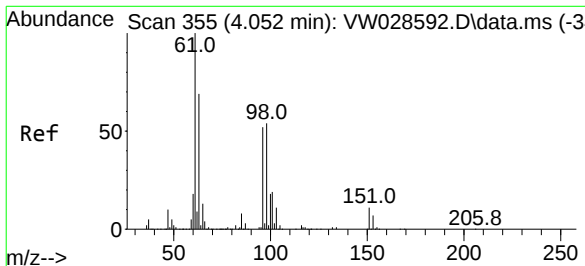
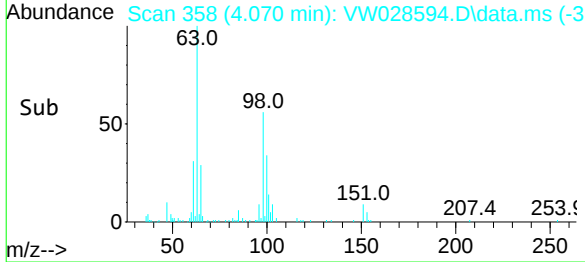
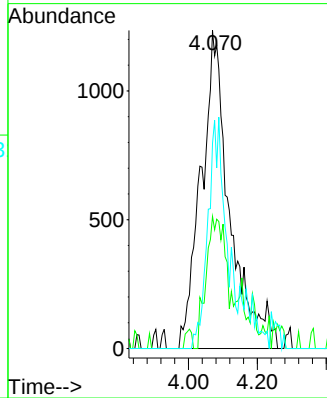
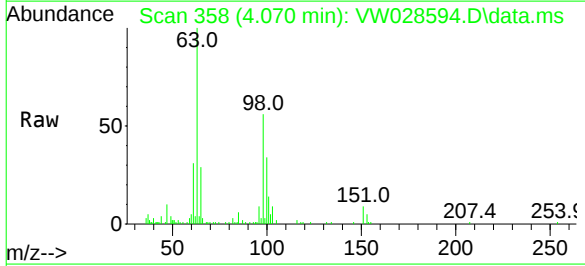
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.583 ug/L m
RT: 4.070 min Scan# 35
Delta R.T. -0.012 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2024-04

Tgt Ion: 101 Resp: 7155
Ion Ratio Lower Upper
101 100
85 6.1 35.8 53.8#
151 23.6 49.6 74.4#

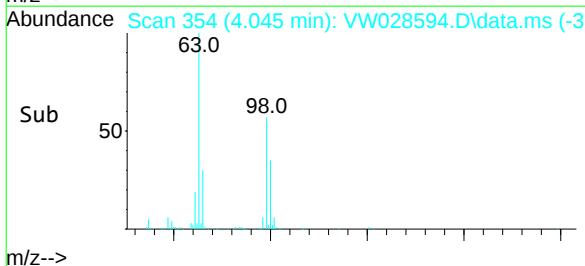
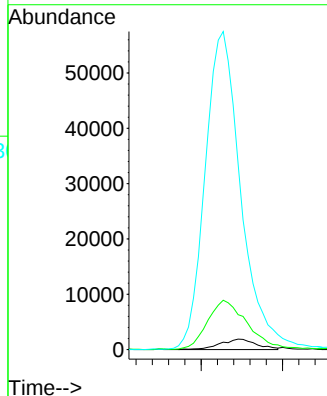
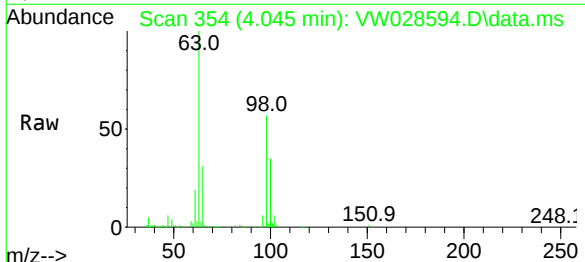
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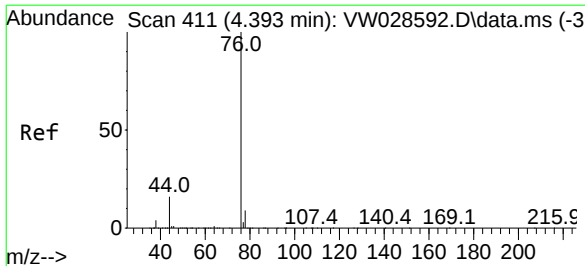
Reviewed By : Semsettin Yesilyurt 05/09/2024
Supervised By : Mahesh Dadoda 05/09/2024



#12
1,1-Dichloroethene
Concen: 1.447 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Tgt Ion: 96 Resp: 5867
Ion Ratio Lower Upper
96 100
61 333.0 131.6 244.4#
63 1770.9 111.4 206.8#





#14

Carbon disulfide

Concen: 1.145 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2024-04

Tgt Ion: 76 Resp: 15688

Ion Ratio Lower Upper

76 100

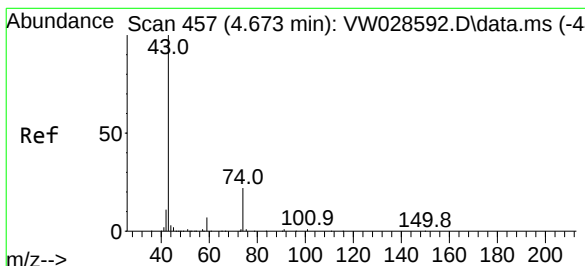
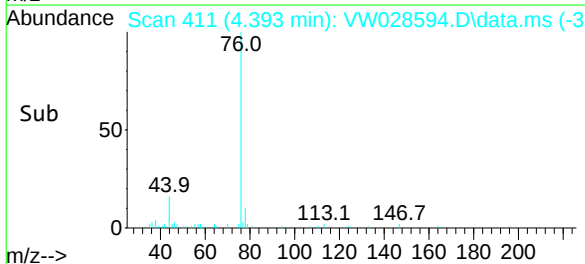
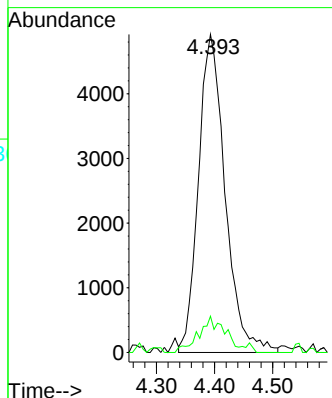
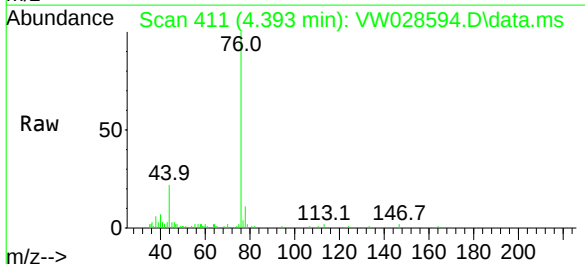
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Manual Integrations

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Supervised By :Mahesh Dadoda 05/09/2024



#15

Methyl Acetate

Concen: 1.176 ug/L m

RT: 4.673 min Scan# 457

Delta R.T. -0.000 min

Lab File: VW028594.D

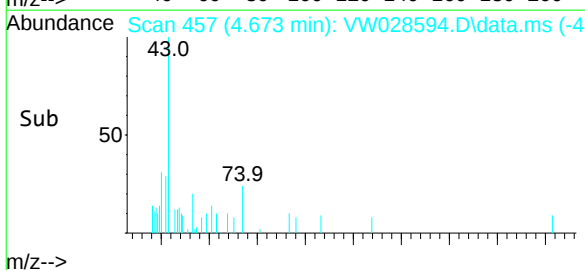
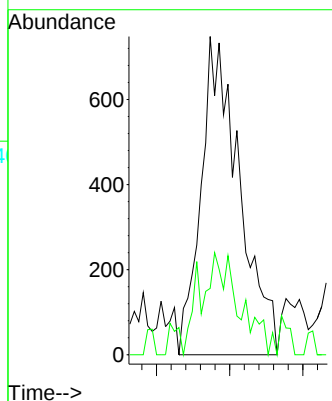
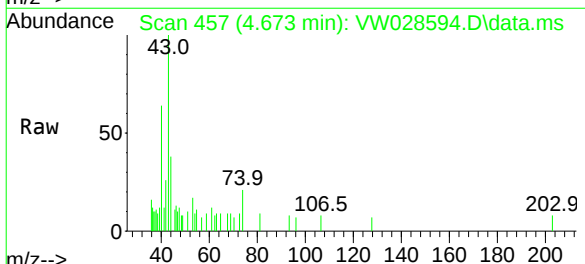
Acq: 08 May 2024 10:13

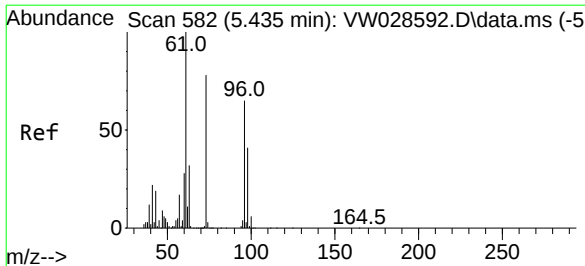
Tgt Ion: 43 Resp: 2717

Ion Ratio Lower Upper

43 100

74 1.4 17.6 26.4#





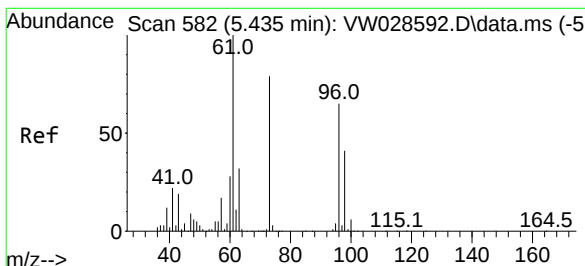
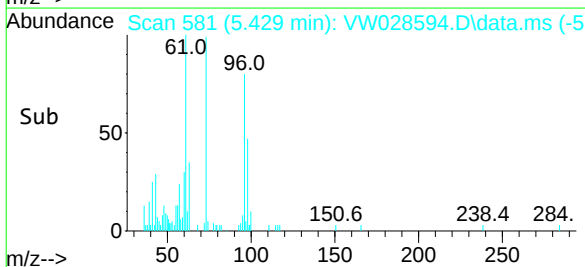
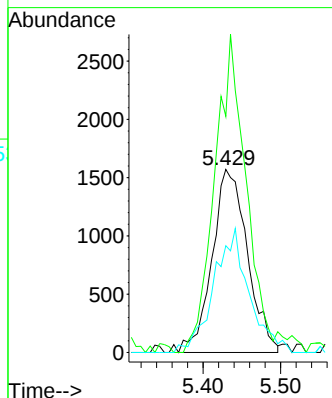
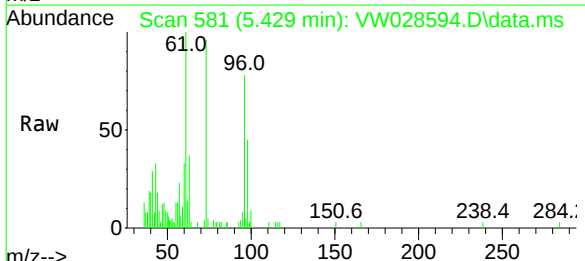
#17
trans-1,2-Dichloroethene
Concen: 1.179 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2024-04

Tgt Ion: 96 Resp: 4976
Ion Ratio Lower Upper
96 100
61 129.0 109.0 202.4
98 58.3 44.2 82.0

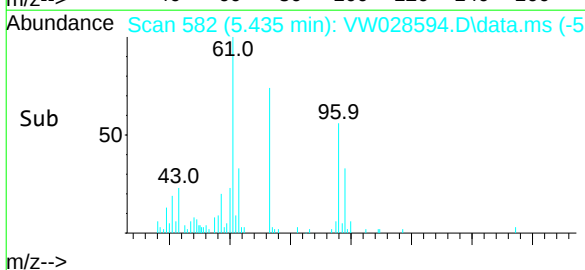
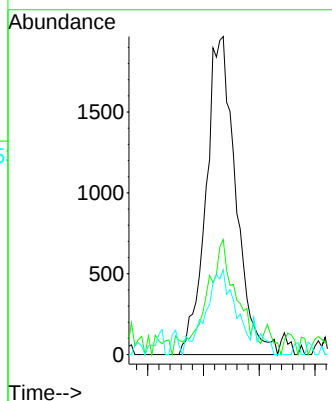
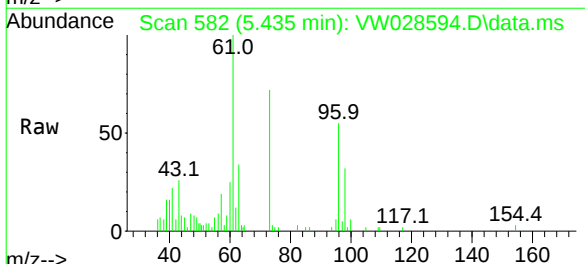
Manual Integrations
APPROVED

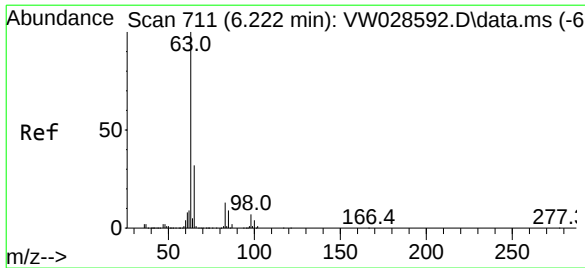
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#18
Methyl tert-butyl Ether
Concen: 1.168 ug/L m
RT: 5.435 min Scan# 582
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Tgt Ion: 73 Resp: 7277
Ion Ratio Lower Upper
73 100
43 7.8 19.2 28.8#
57 9.4 18.5 27.7#





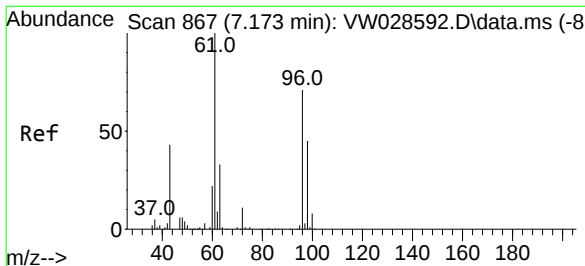
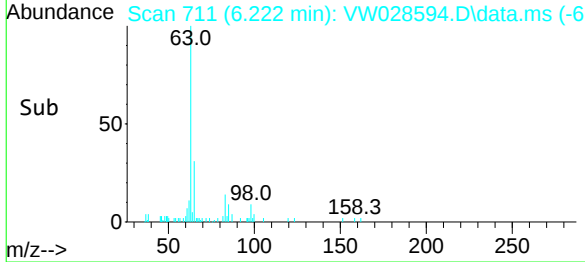
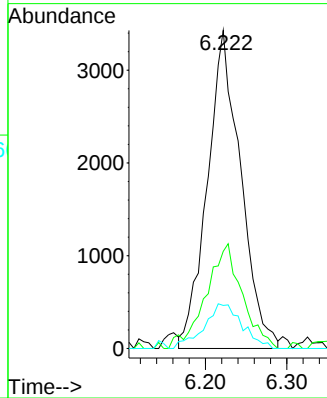
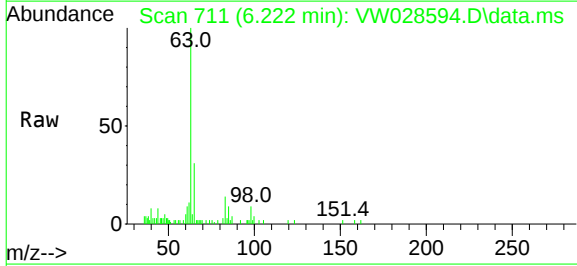
#19
1,1-Dichloroethane
Concen: 1.165 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2024-04

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.9	42.5
83	13.5	9.0	16.8

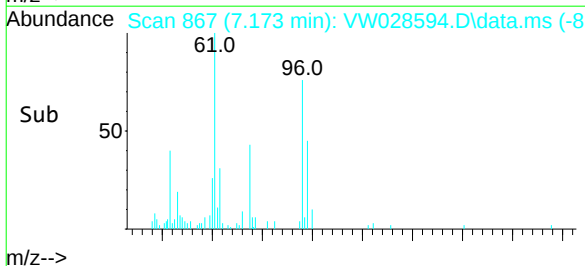
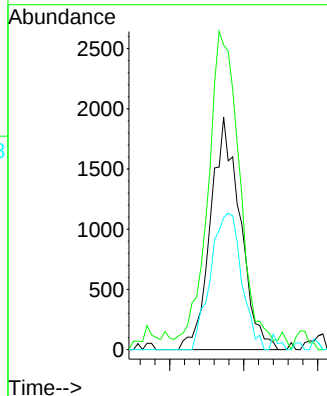
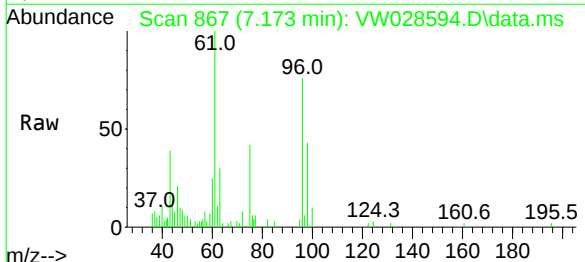
Manual Integrations
APPROVED

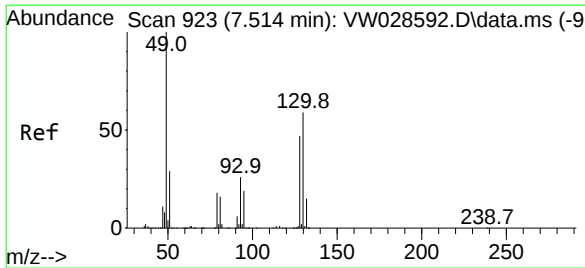
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#20
cis-1,2-Dichloroethene
Concen: 1.214 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

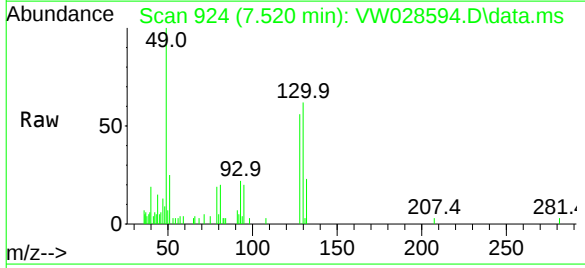
Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.1	102.8	191.0
98	56.8	44.3	82.3





#23
Bromochloromethane
Concen: 1.310 ug/L
RT: 7.520 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

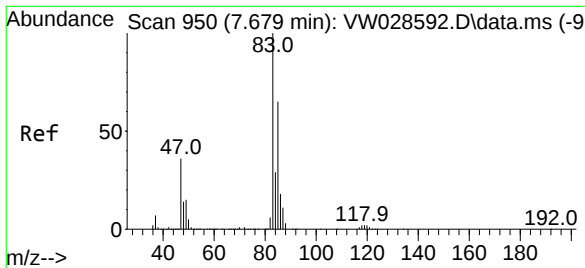
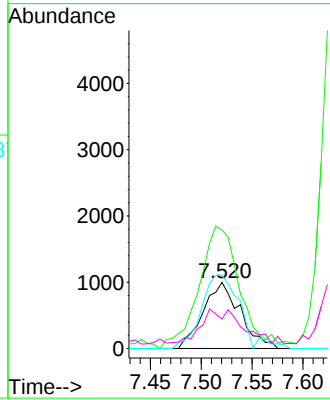
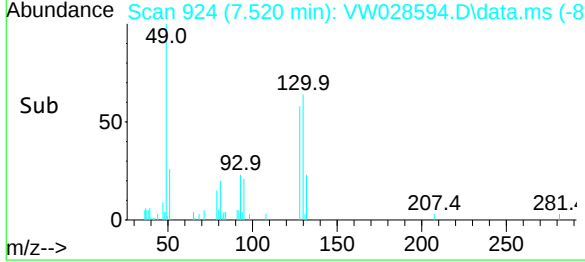
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2024-04



Tgt Ion: 128 Resp: 2524
Ion Ratio Lower Upper
128 100
49 179.2 139.6 259.2
130 111.3 91.2 169.4
51 44.7 48.7 73.1#

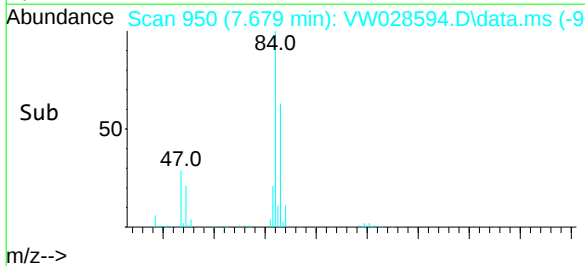
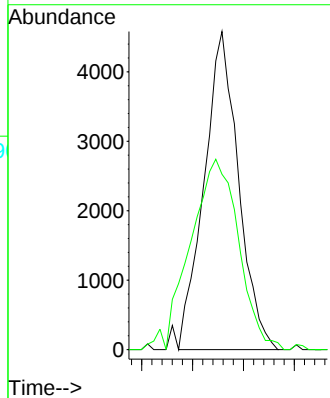
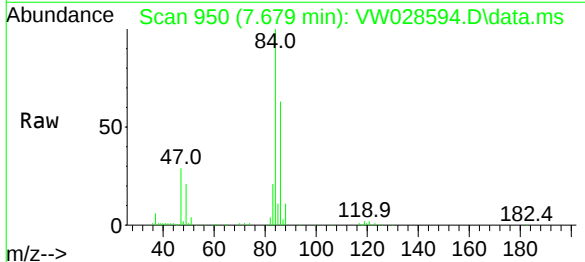
Manual Integrations
APPROVED

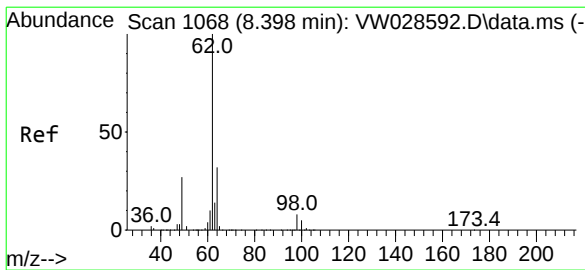
Reviewed By : Semsettin Yesilyurt 05/09/2024
Supervised By : Mahesh Dadoda 05/09/2024



#25
Chloroform
Concen: 1.331 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Tgt Ion: 83 Resp: 10774
Ion Ratio Lower Upper
83 100
85 55.1 43.4 80.6





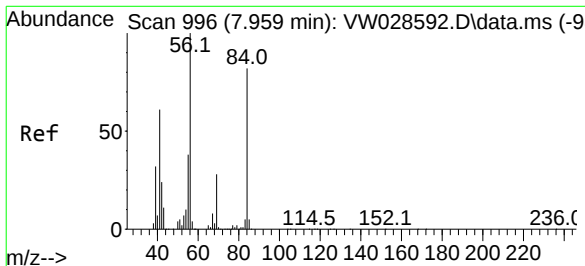
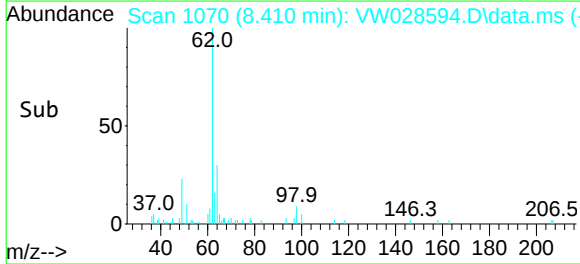
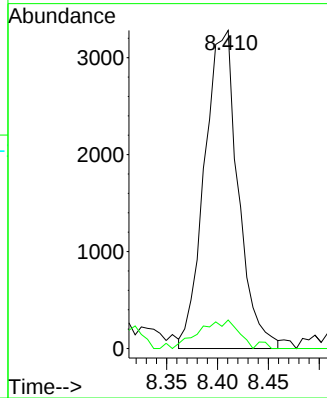
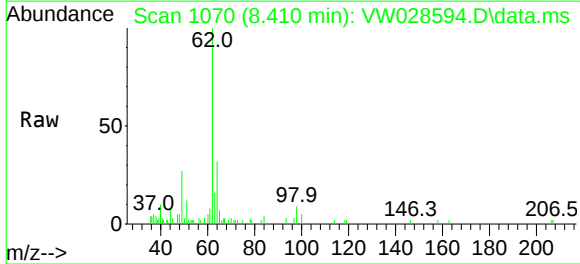
#27
1,2-Dichloroethane
Concen: 1.282 ug/L
RT: 8.410 min Scan# 1068
Delta R.T. 0.012 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2024-04

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	7.0	10.6

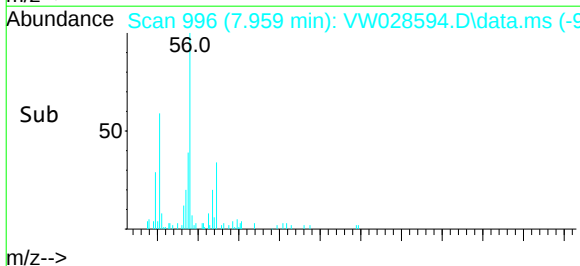
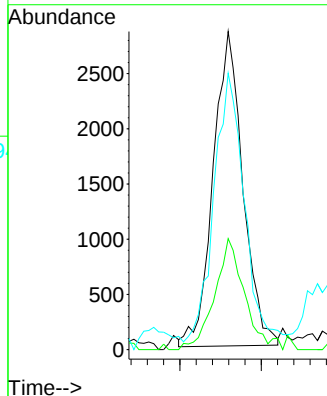
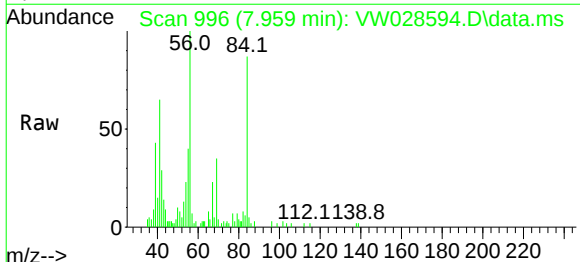
Manual Integrations
APPROVED

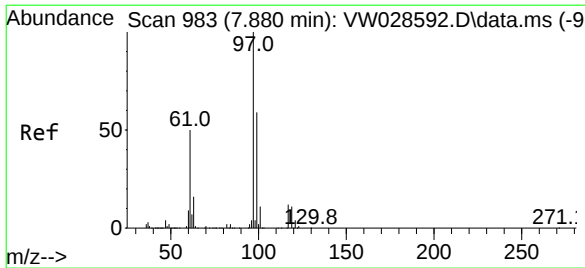
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#29
Cyclohexane
Concen: 0.945 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.7	23.4	35.0
84	87.7	65.8	98.8





#30

1,1,1-Trichloroethane

Concen: 1.164 ug/L

RT: 7.880 min Scan# 98

Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

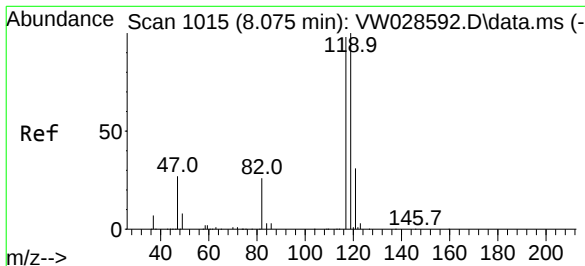
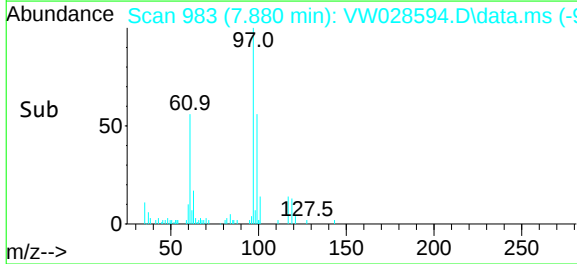
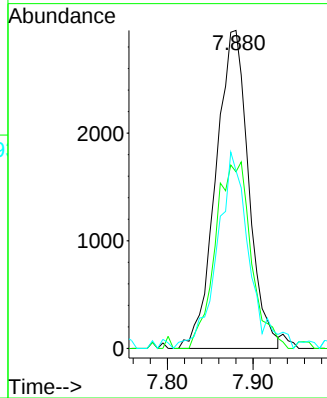
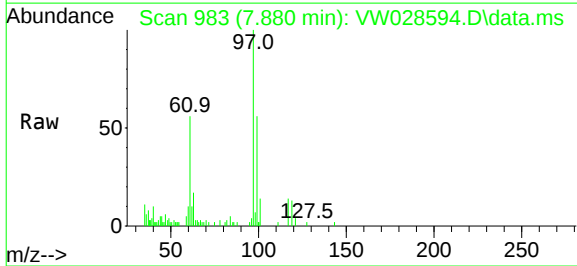
MDL-SOIL-QT2-2024-04

Tgt Ion:	97	Resp:	7844
Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.9	76.3
61	55.7	41.0	61.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#31

Carbon tetrachloride

Concen: 1.156 ug/L

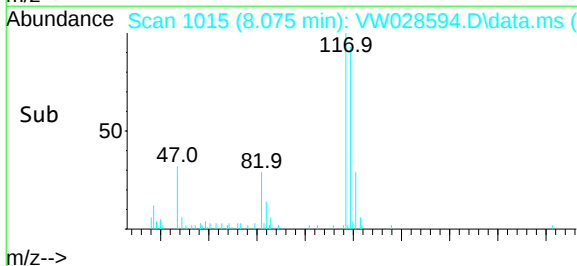
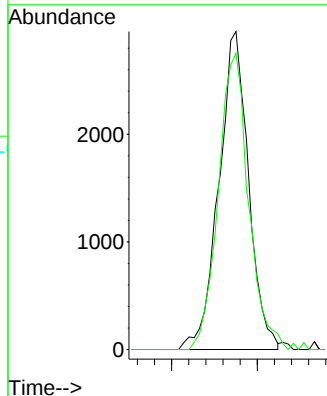
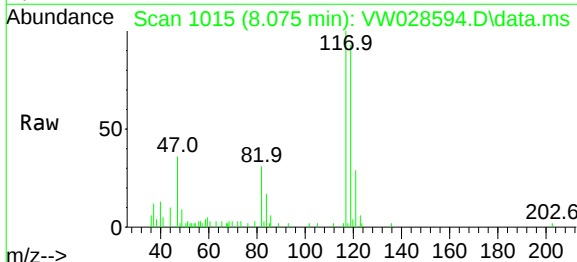
RT: 8.075 min Scan# 1015

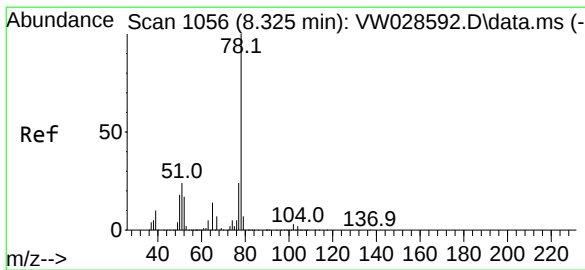
Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Tgt Ion:	117	Resp:	7107
Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.2	115.8





#33

Benzene

Concen: 1.250 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Tgt Ion: 78 Resp: 21805

Instrument :

MSVOA_W

ClientSampleId :

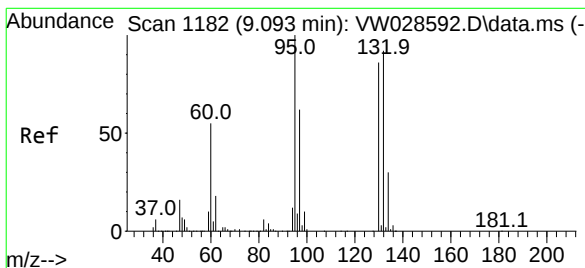
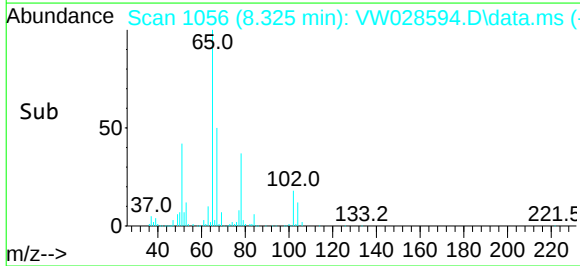
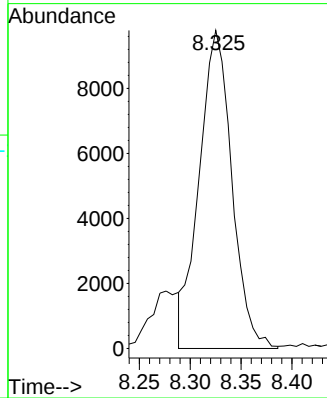
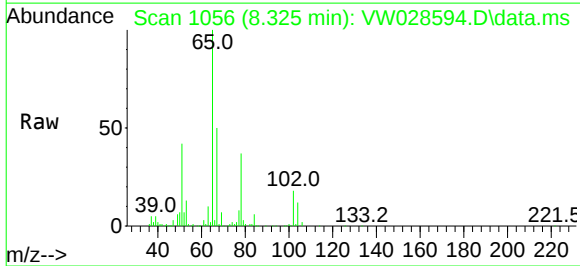
MDL-SOIL-QT2-2024-04

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#34

Trichloroethene

Concen: 1.177 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Tgt Ion: 95 Resp: 5503

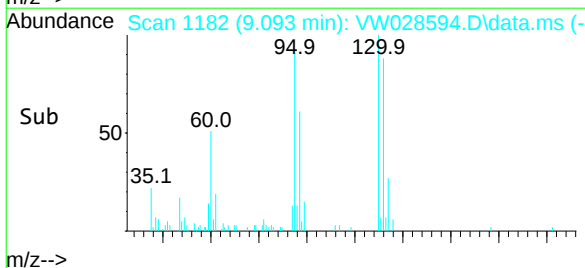
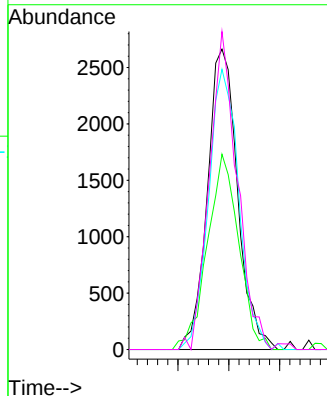
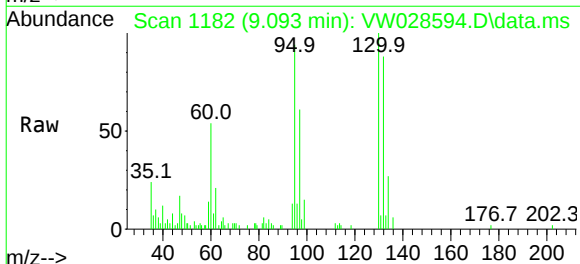
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

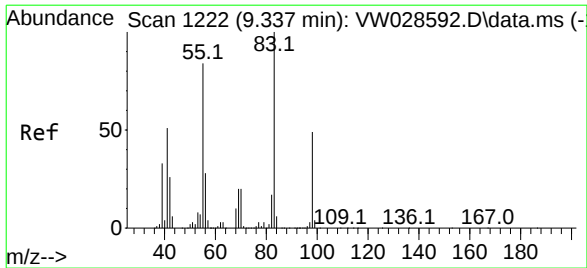
95	100		
----	-----	--	--

97	65.0	44.9	83.3
----	------	------	------

132	93.3	59.7	110.9
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130	105.9	64.0	119.0
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#35

Methylcyclohexane

Concen: 1.104 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

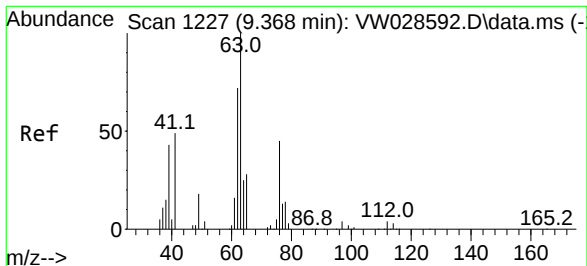
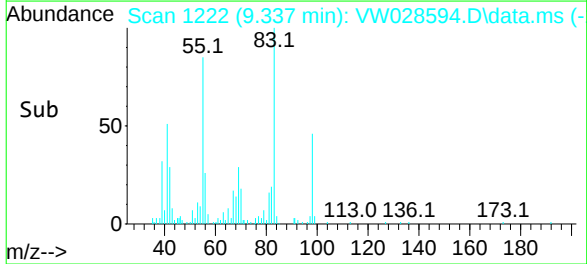
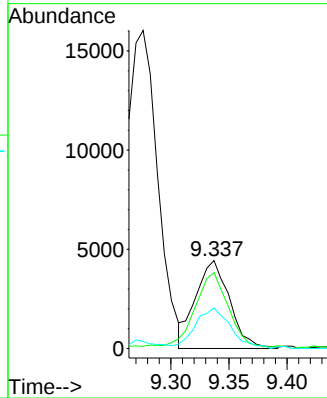
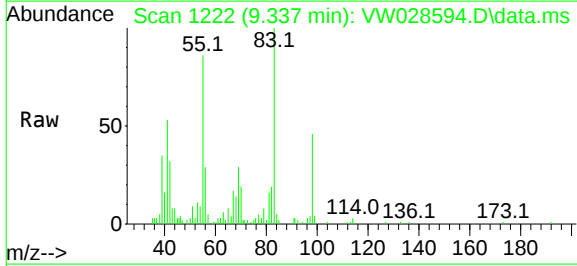
MDL-SOIL-QT2-2024-04

Tgt Ion:	83	Resp:	9023
Ion	Ratio	Lower	Upper
83	100		
55	85.8	66.9	100.3
98	47.6	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#37

1,2-Dichloropropane

Concen: 1.247 ug/L

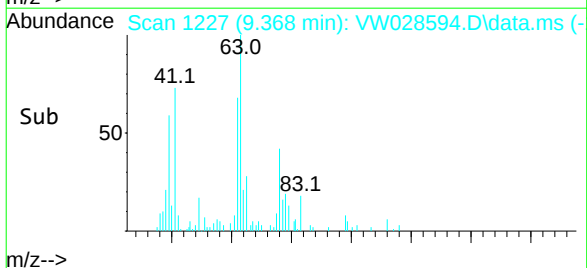
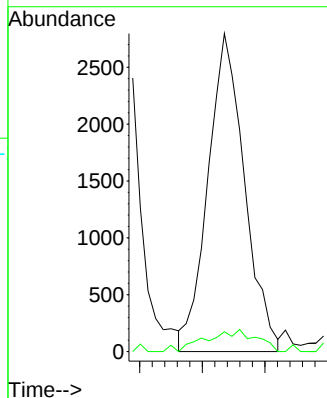
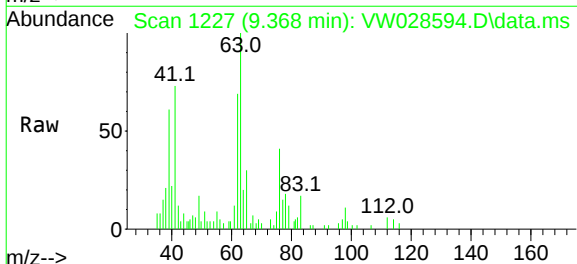
RT: 9.368 min Scan# 1227

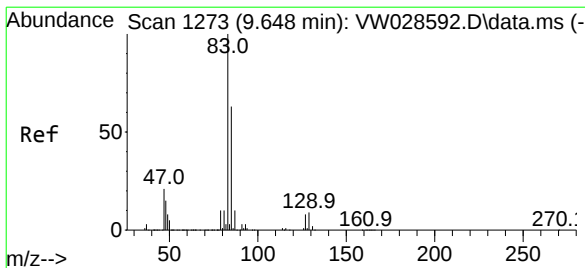
Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Tgt Ion:	63	Resp:	5668
Ion	Ratio	Lower	Upper
63	100		
112	1.0	3.5	5.3#





#38

Bromodichloromethane

Concen: 1.244 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Instrument :

MSVOA_W

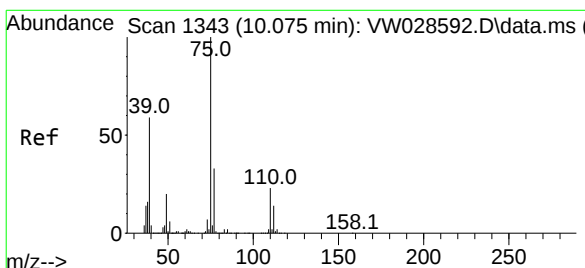
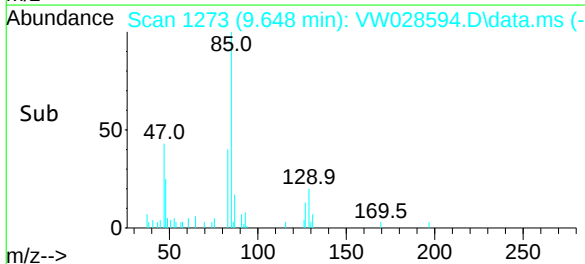
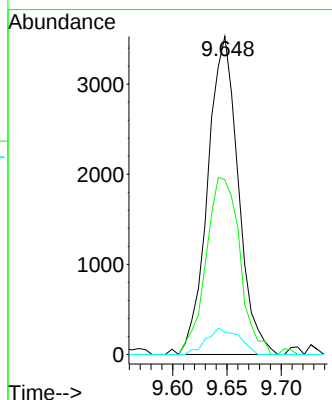
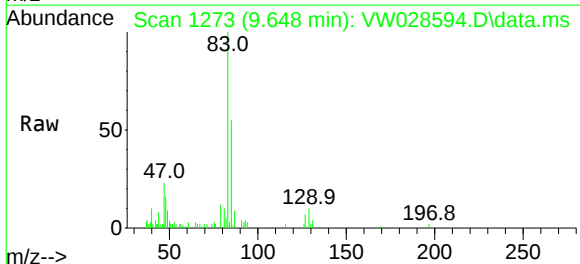
ClientSampleId :

MDL-SOIL-QT2-2024-04

Tgt Ion:	83	Resp:	6893
Ion	Ratio	Lower	Upper
83	100		
85	55.0	43.0	80.0
127	7.1	5.9	8.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#39

cis-1,3-Dichloropropene

Concen: 1.186 ug/L

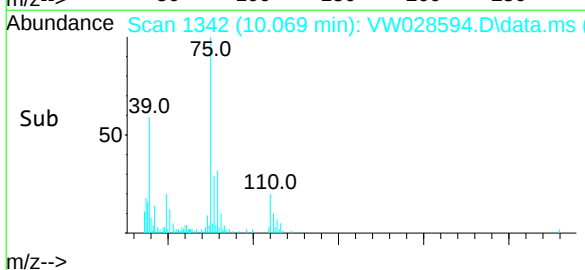
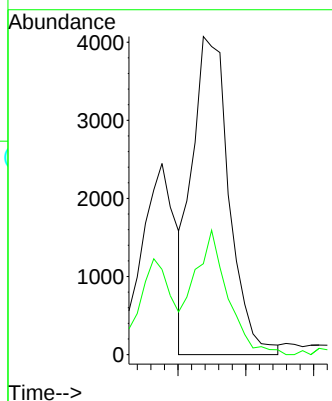
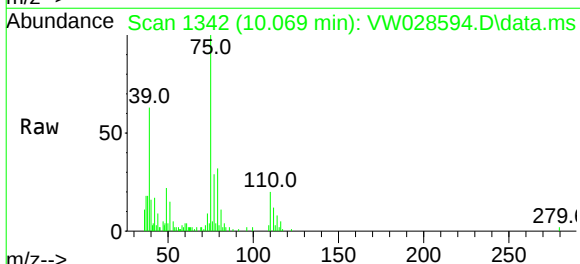
RT: 10.069 min Scan# 1342

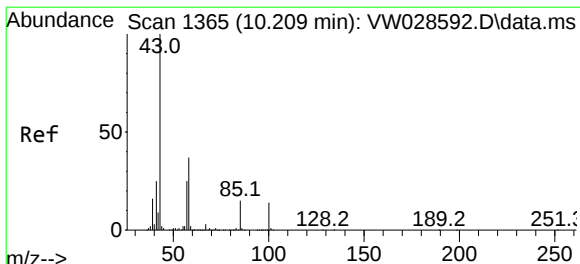
Delta R.T. -0.006 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Tgt Ion:	75	Resp:	7725
Ion	Ratio	Lower	Upper
75	100		
77	28.6	21.8	40.6





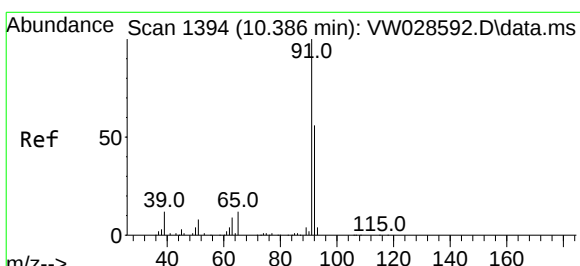
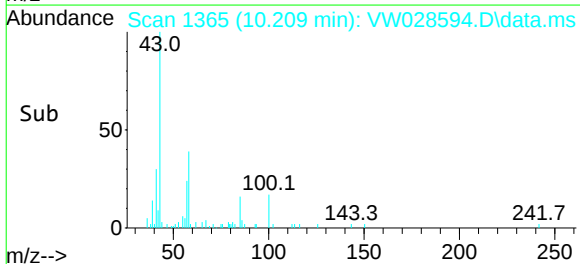
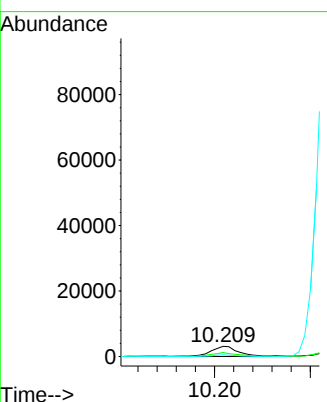
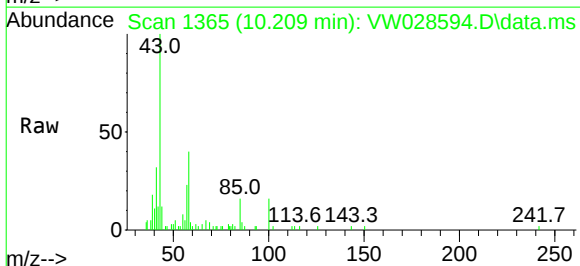
#40
4-Methyl-2-pentanone
Concen: 1.995 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2024-04

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.3	29.2	43.8
100	14.2	11.0	16.4

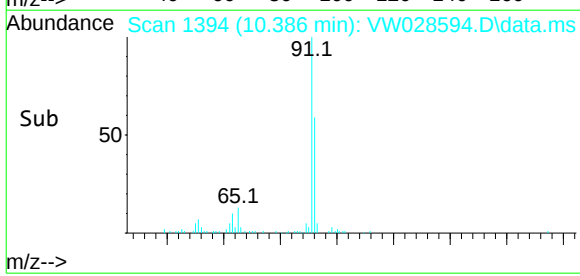
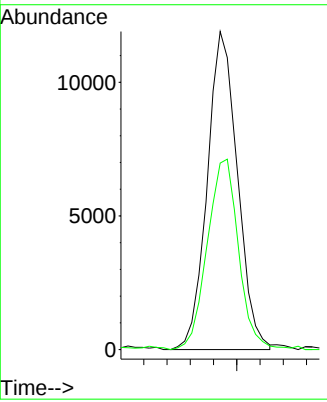
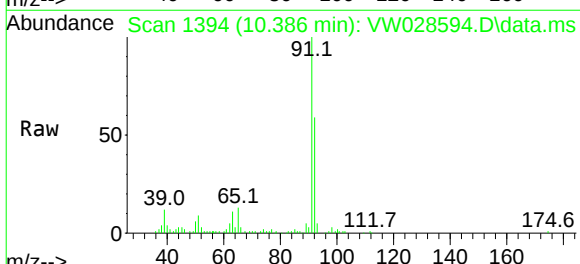
Manual Integrations
APPROVED

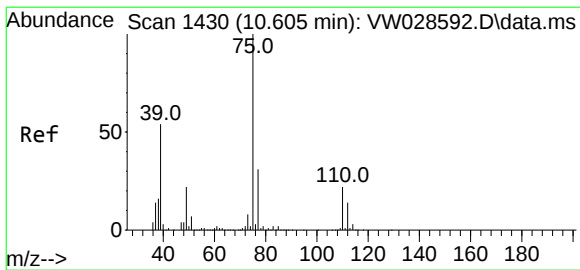
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#42
Toluene
Concen: 1.193 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

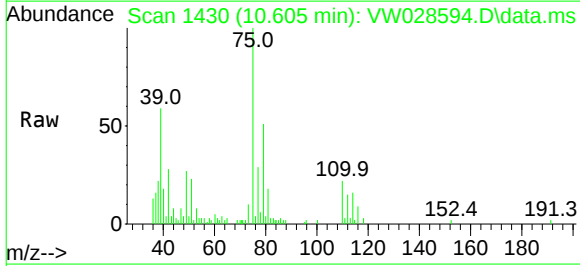
Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.6	42.5	78.9





#44
trans-1,3-Dichloropropene
Concen: 1.102 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

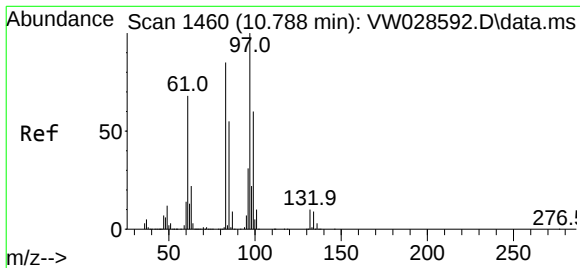
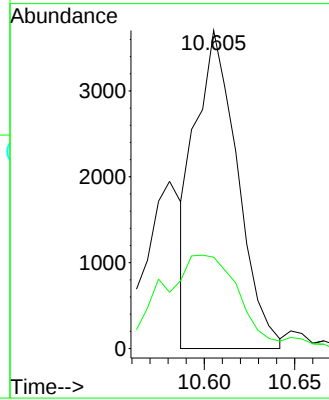
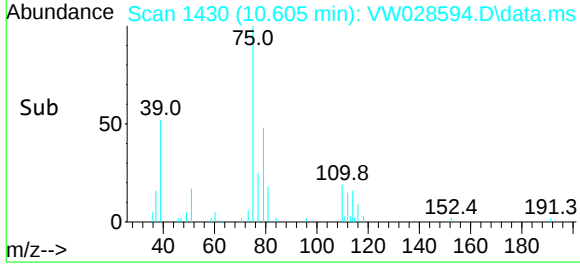
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2024-04



Tgt Ion: 75 Resp: 6055
Ion Ratio Lower Upper
75 100
77 28.7 22.5 41.9

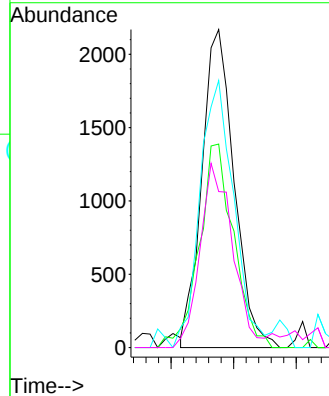
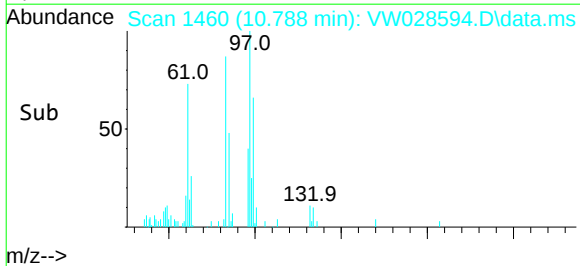
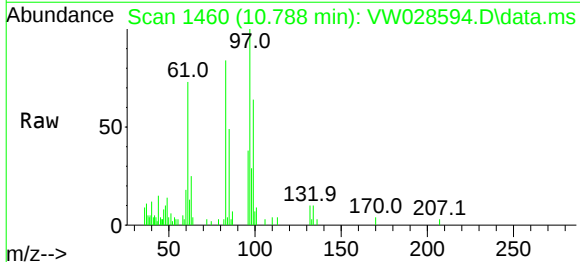
Manual Integrations
APPROVED

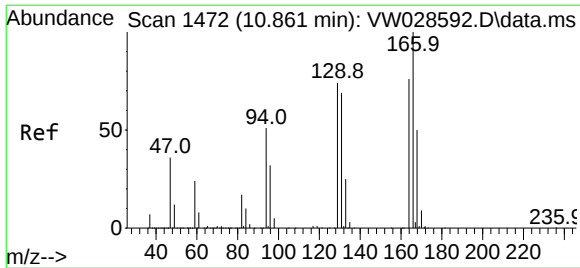
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#45
1,1,2-Trichloroethane
Concen: 1.182 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Tgt Ion: 97 Resp: 3893
Ion Ratio Lower Upper
97 100
99 64.0 41.9 77.9
83 84.0 62.1 115.3
85 49.1 38.4 71.4





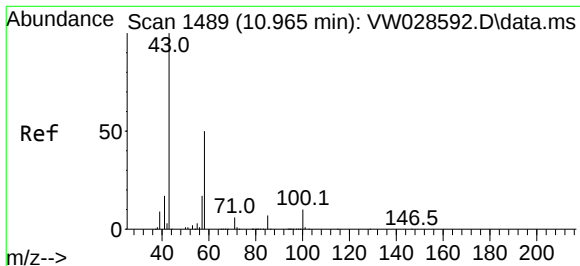
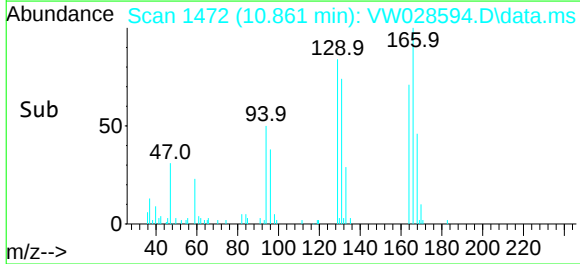
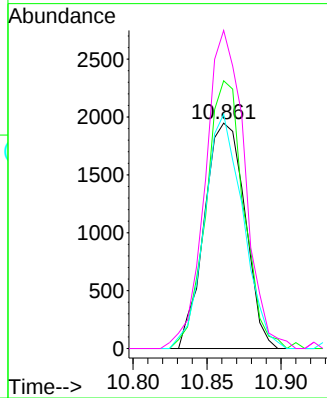
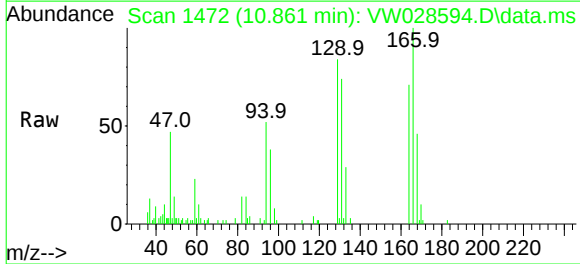
#46
Tetrachloroethene
Concen: 1.101 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2024-04

Tgt Ion	Ratio	Lower	Upper
164	100		
129	118.8	69.2	128.6
131	104.0	67.7	125.7
166	141.1	89.7	166.7

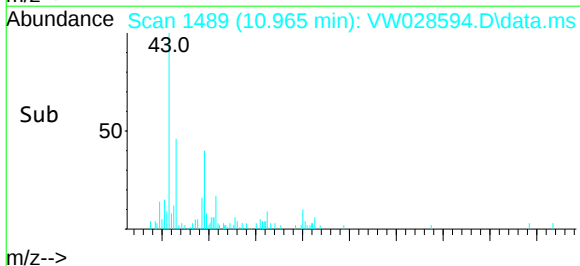
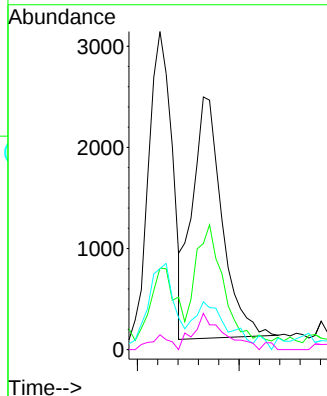
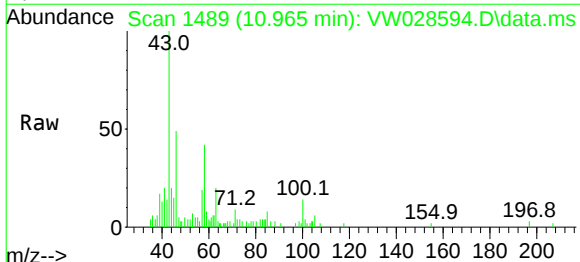
Manual Integrations
APPROVED

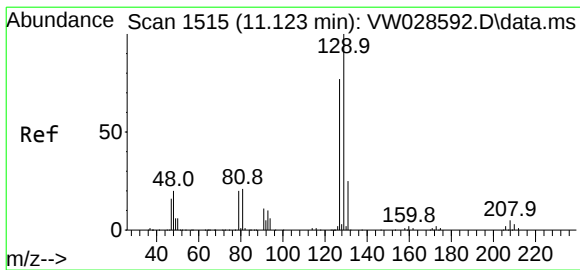
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#48
2-Hexanone
Concen: 2.242 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

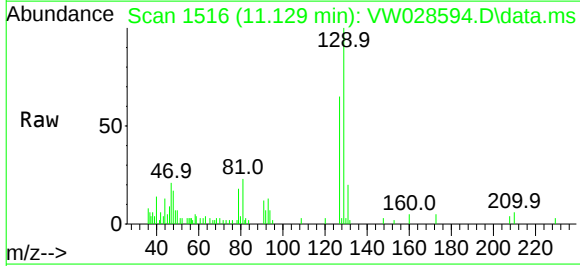
Tgt Ion	Ratio	Lower	Upper
43	100		
58	49.5	41.0	61.4
57	16.4	14.8	22.2
100	12.6	8.6	12.8





#49
 Dibromochloromethane
 Concen: 1.205 ug/L
 RT: 11.129 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: VW028594.D
 Acq: 08 May 2024 10:13

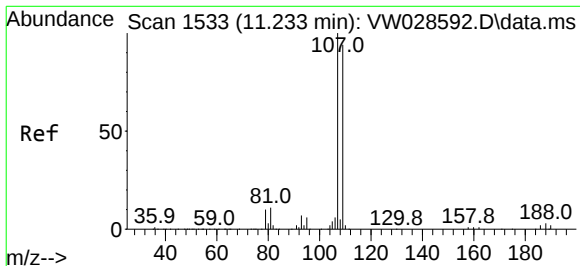
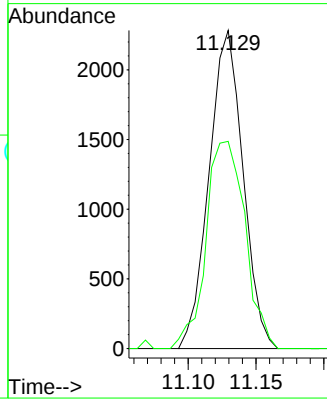
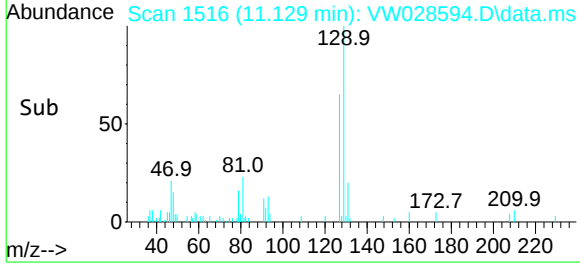
Instrument : MSVOA_W
 ClientSampleId : MDL-SOIL-QT2-2024-04



Tgt Ion:129 Resp: 3980
 Ion Ratio Lower Upper
 129 100
 127 65.1 54.3 100.8

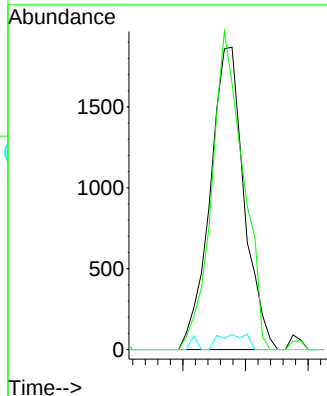
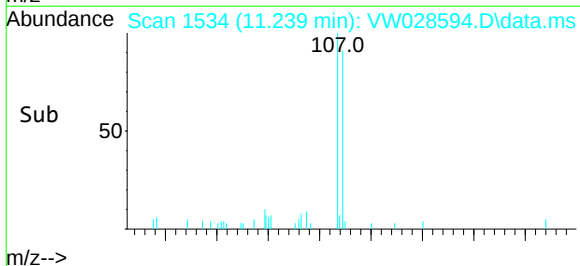
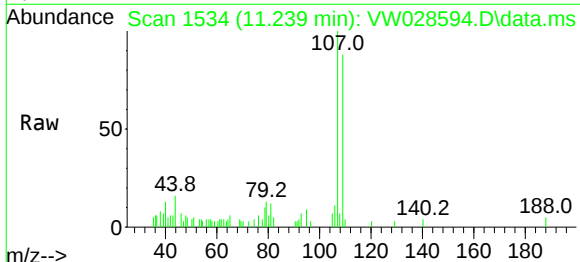
Manual Integrations APPROVED

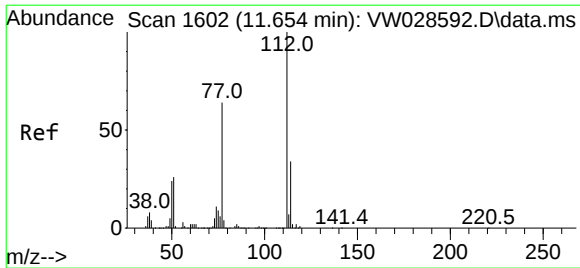
Reviewed By :Semsettin Yesilyurt 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024



#50
 1,2-Dibromoethane
 Concen: 1.143 ug/L
 RT: 11.239 min Scan# 1534
 Delta R.T. 0.006 min
 Lab File: VW028594.D
 Acq: 08 May 2024 10:13

Tgt Ion:107 Resp: 3525
 Ion Ratio Lower Upper
 107 100
 109 88.1 64.2 119.2
 188 5.0 3.1 4.7#





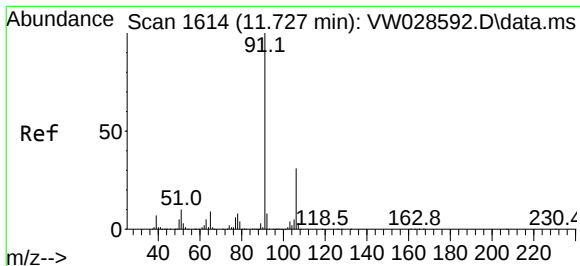
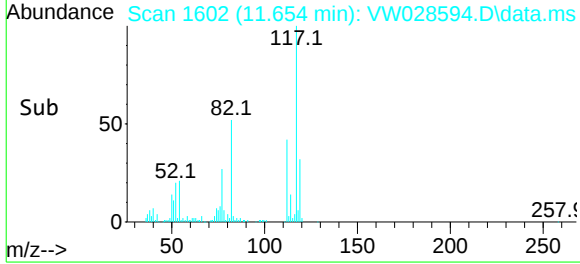
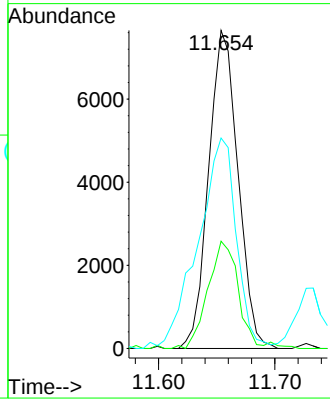
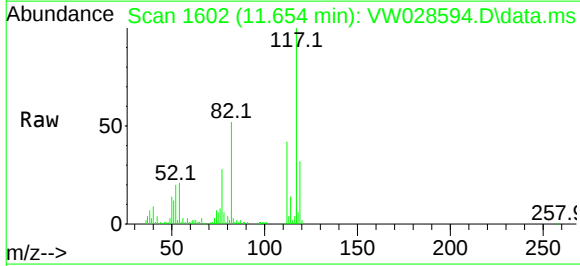
#51
Chlorobenzene
Concen: 1.206 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2024-04

Tgt Ion:	112	Resp:	13442
Ion Ratio	Lower	Upper	
112	100		
114	33.7	22.2	41.2
77	66.2	50.8	76.2

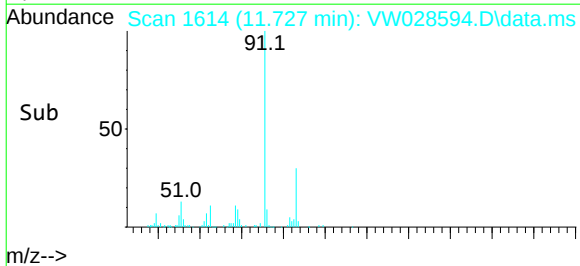
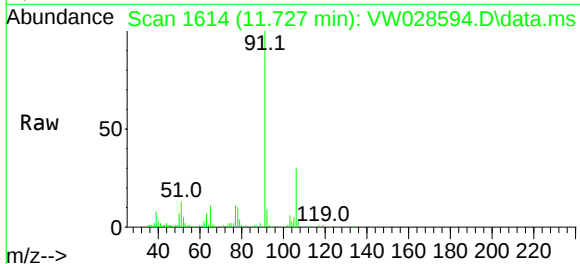
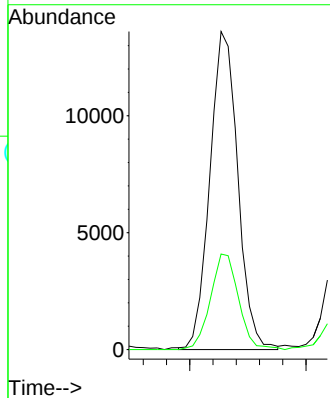
Manual Integrations
APPROVED

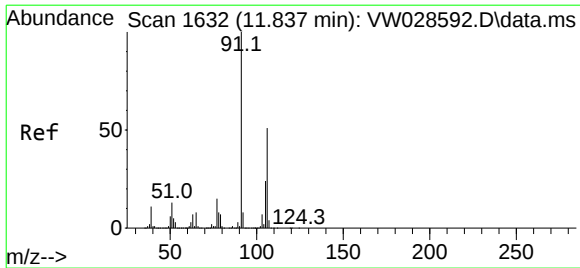
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#52
Ethylbenzene
Concen: 1.116 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Tgt Ion:	91	Resp:	22749
Ion Ratio	Lower	Upper	
91	100		
106	30.1	22.7	42.1





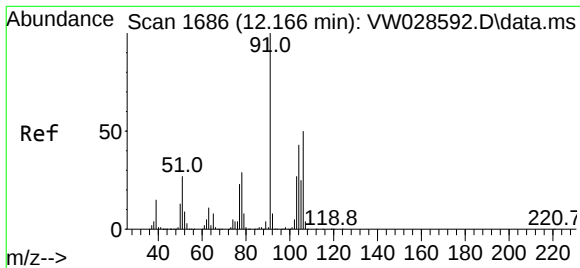
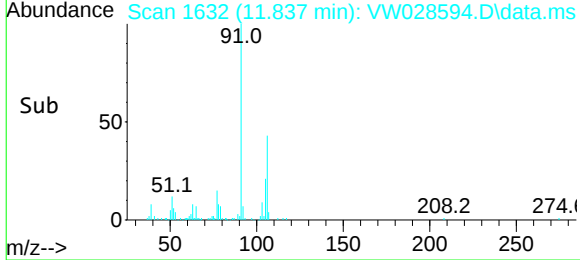
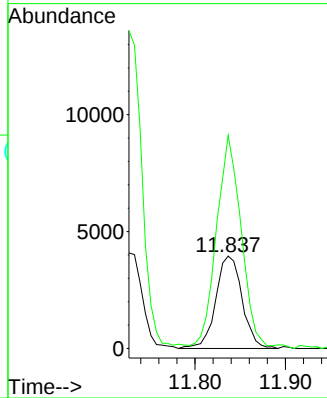
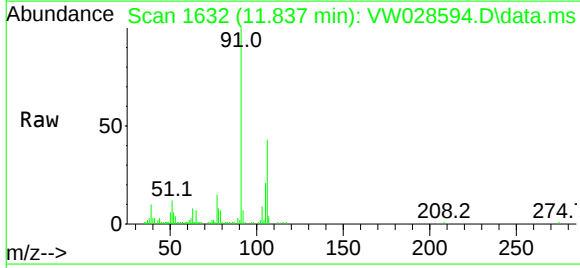
#53
m,p-Xylene
Concen: 1.068 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2024-04

Tgt Ion:106 Resp: 7985
Ion Ratio Lower Upper
106 100
91 230.6 146.6 272.2

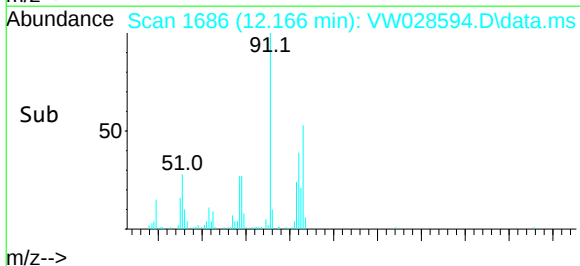
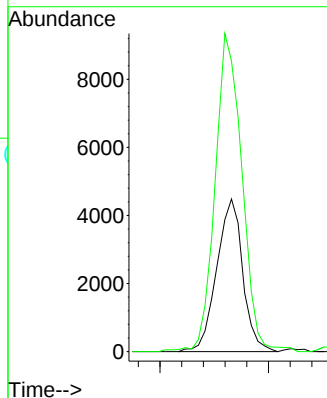
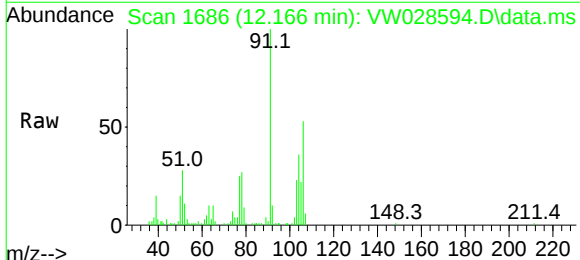
Manual Integrations
APPROVED

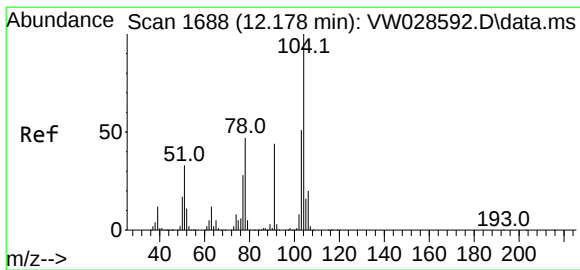
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#54
o-Xylene
Concen: 1.080 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Tgt Ion:106 Resp: 7467
Ion Ratio Lower Upper
106 100
91 190.3 154.3 286.5





#55

Styrene

Concen: 1.026 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028594.D

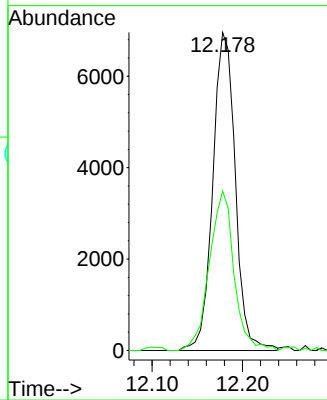
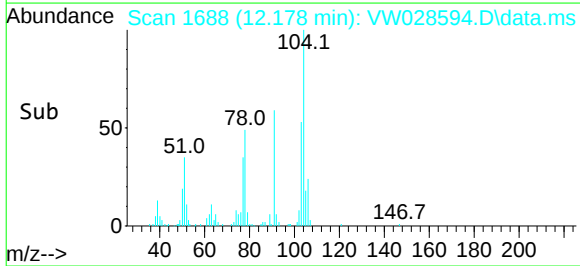
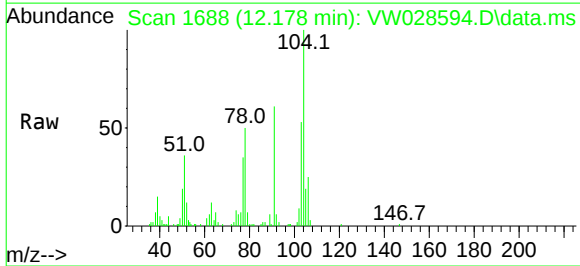
Acq: 08 May 2024 10:13

Tgt Ion: 104 Resp: 12017

Ion Ratio Lower Upper

104 100

78 50.2 34.1 63.3



Instrument :

MSVOA_W

ClientSampleId :

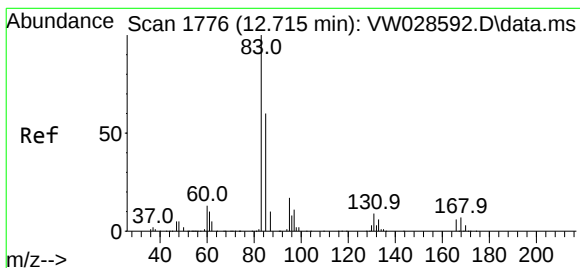
MDL-SOIL-QT2-2024-04

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#57

1,1,2,2-Tetrachloroethane

Concen: 1.260 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

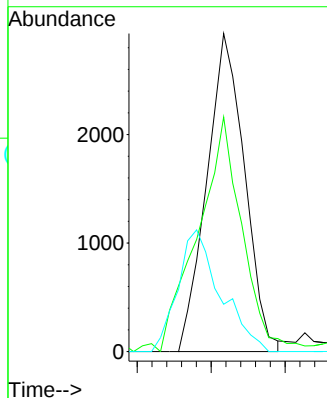
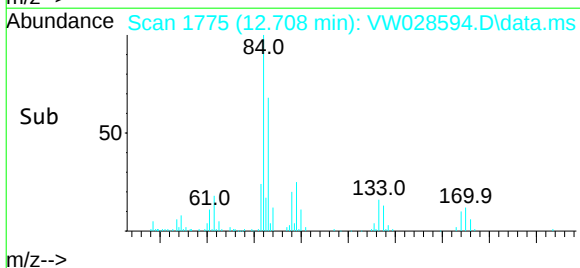
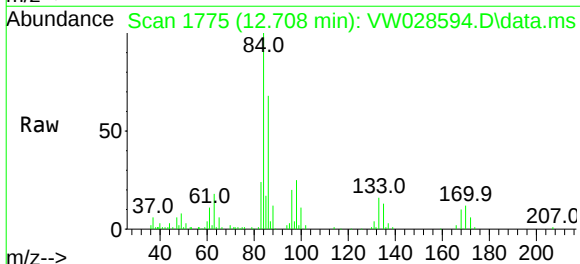
Tgt Ion: 83 Resp: 5204

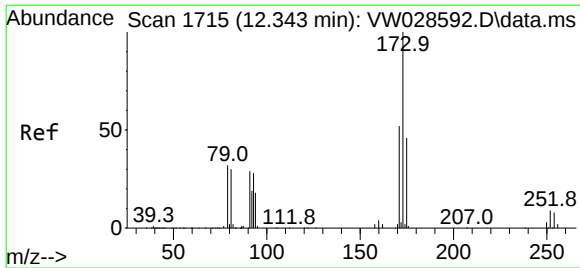
Ion Ratio Lower Upper

83 100

85 73.8 45.6 84.6

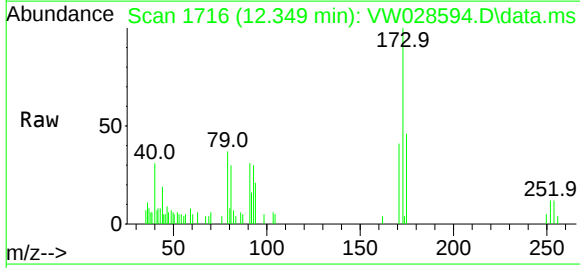
131 14.9 7.3 10.9#





#59
Bromoform
Concen: 1.219 ug/L
RT: 12.349 min Scan# 1715
Delta R.T. 0.006 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

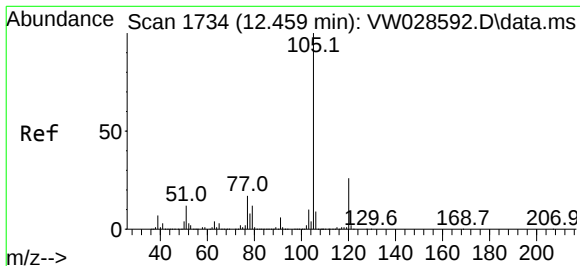
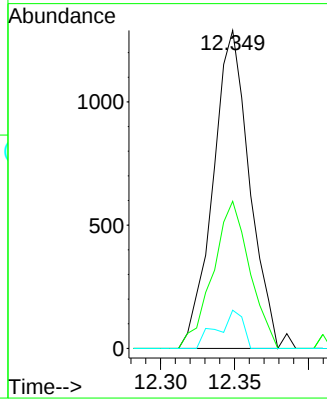
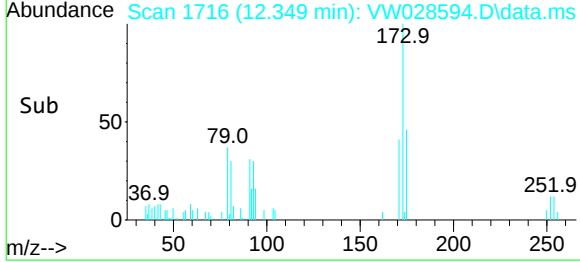
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2024-04



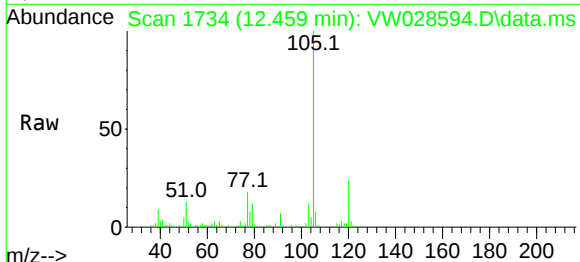
Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.9	39.8	59.8
254	4.7	7.1	10.7

Manual Integrations
APPROVED

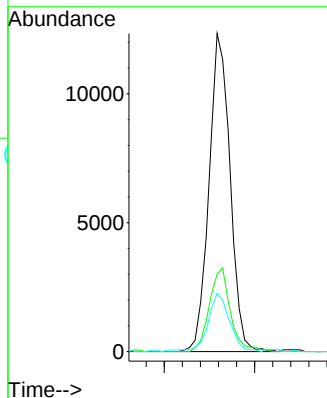
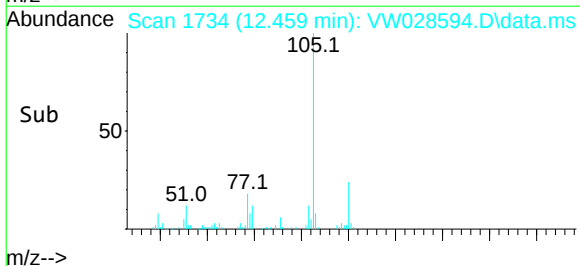
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

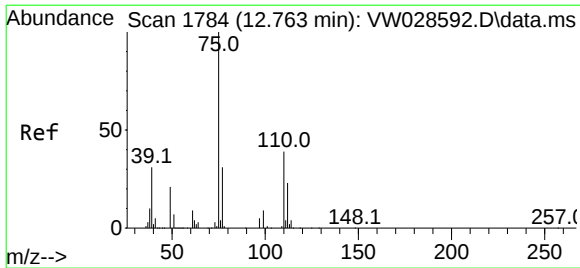


#60
Isopropylbenzene
Concen: 1.061 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13



Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.5	30.7
77	18.2	13.4	20.2





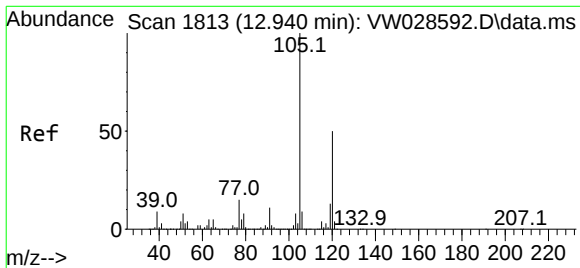
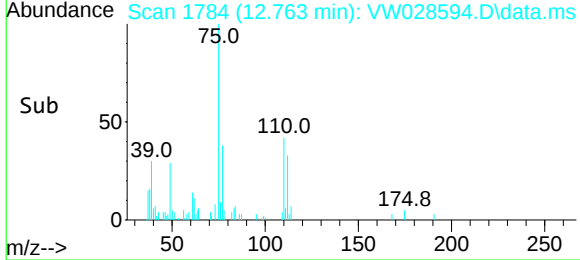
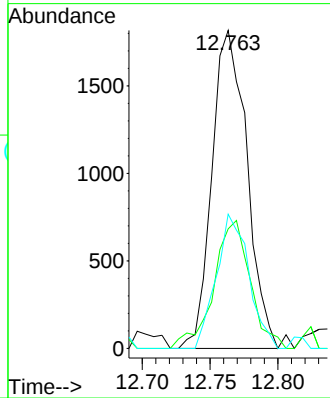
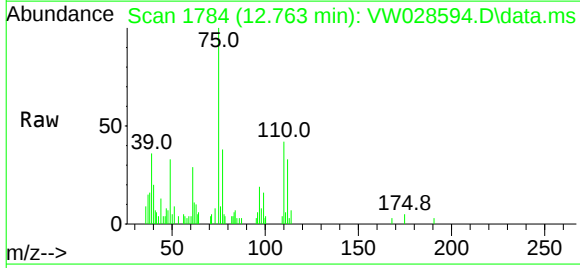
#61
1,2,3-Trichloropropane
Concen: 1.085 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2024-04

Tgt Ion:	75	Resp:	3254
Ion Ratio	Lower	Upper	
75	100		
77	42.1	25.9	38.9
110	39.2	30.6	45.8

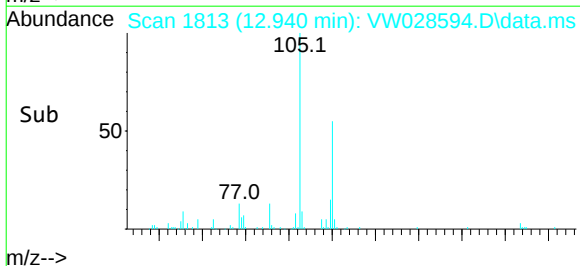
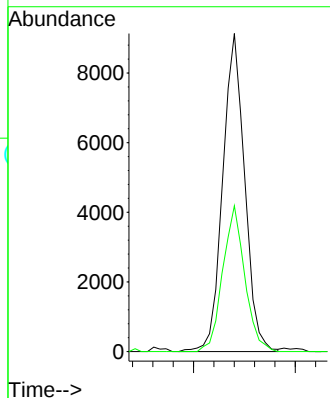
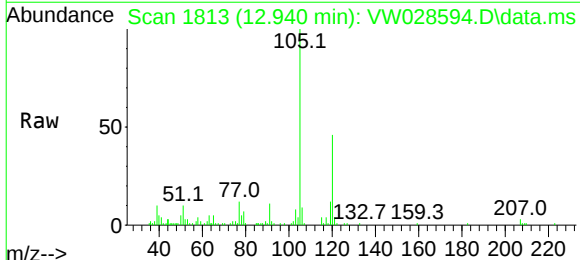
Manual Integrations
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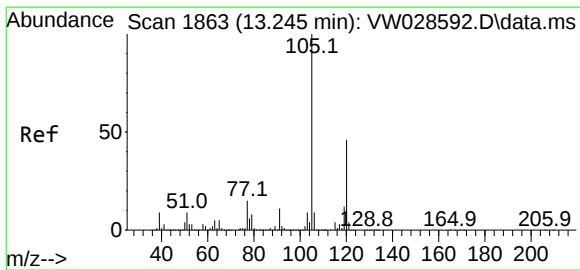
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#62
1,3,5-Trimethylbenzene
Concen: 1.029 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

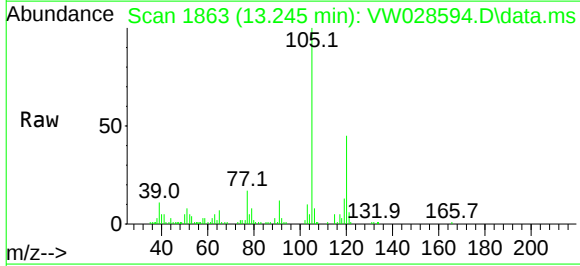
Tgt Ion:	105	Resp:	13709
Ion Ratio	Lower	Upper	
105	100		
120	46.0	37.4	56.2





#63
1,2,4-Trimethylbenzene
Concen: 0.972 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

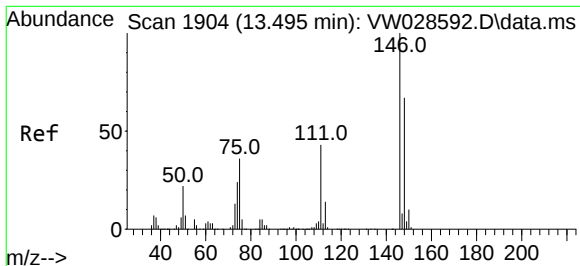
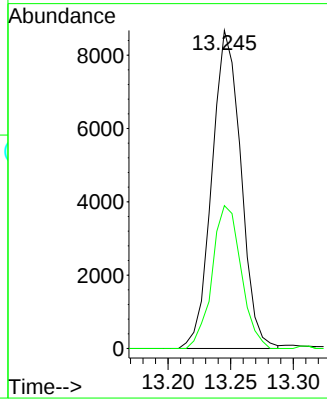
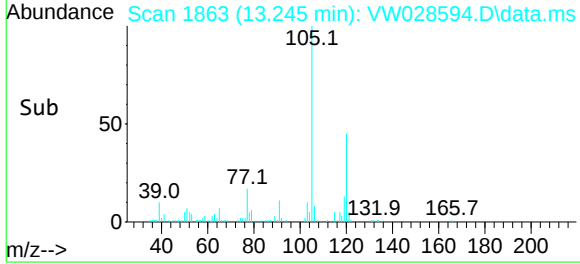
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2024-04



Tgt Ion:105 Resp: 13956
Ion Ratio Lower Upper
105 100
120 44.9 34.1 51.1

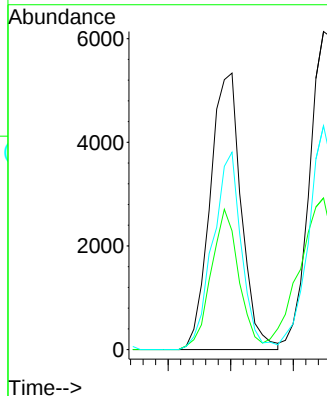
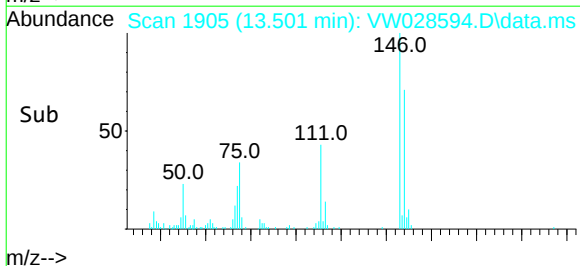
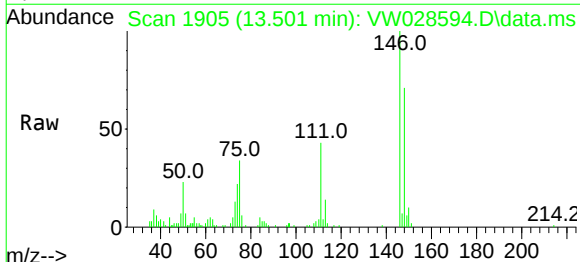
Manual Integrations
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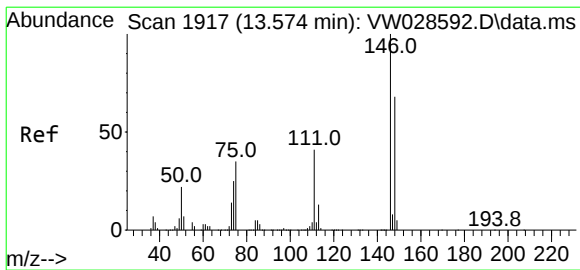
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#64
1,3-Dichlorobenzene
Concen: 1.181 ug/L
RT: 13.501 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Tgt Ion:146 Resp: 9253
Ion Ratio Lower Upper
146 100
111 42.9 30.7 57.1
148 71.4 47.0 87.2





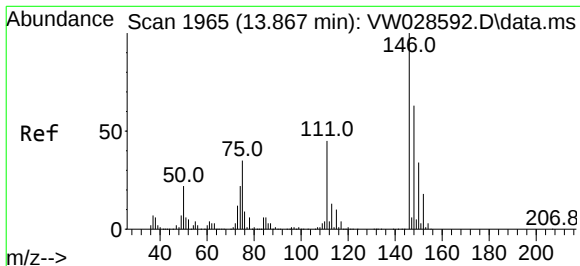
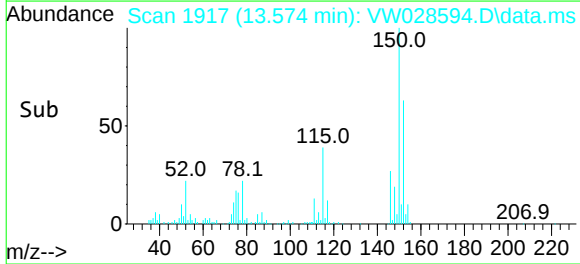
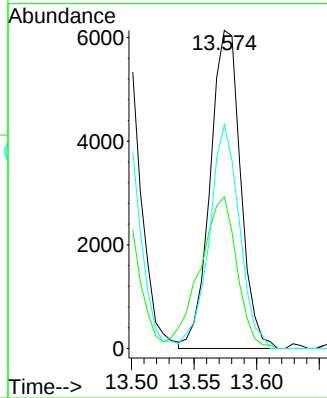
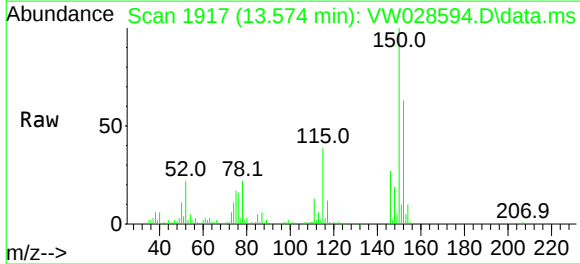
#65
1,4-Dichlorobenzene
Concen: 1.295 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2024-04

Tgt	Ion	146	Resp:	10368
Ion	Ratio	Lower	Upper	
146	100			
111	47.7	29.1	54.1	
148	70.4	41.2	76.6	

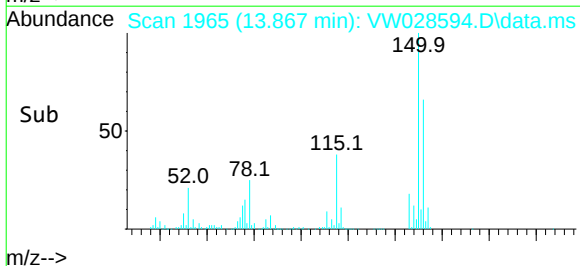
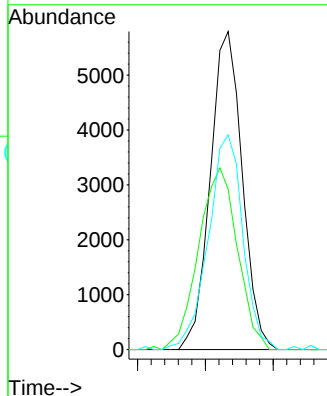
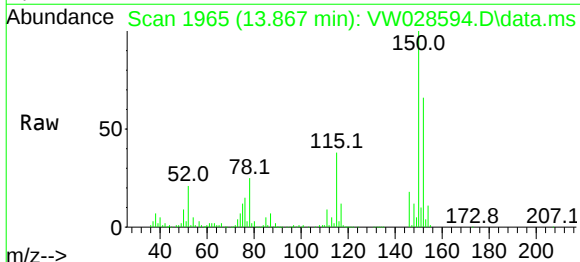
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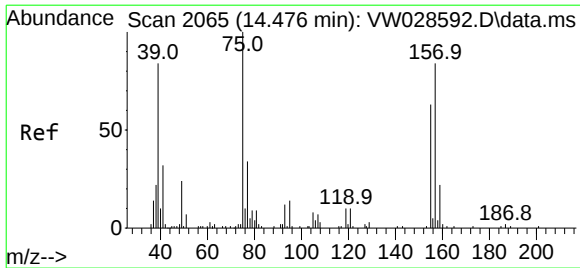
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#67
1,2-Dichlorobenzene
Concen: 1.354 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Tgt	Ion	146	Resp:	9494
Ion	Ratio	Lower	Upper	
146	100			
111	50.4	34.7	52.1	
148	67.5	51.8	77.8	





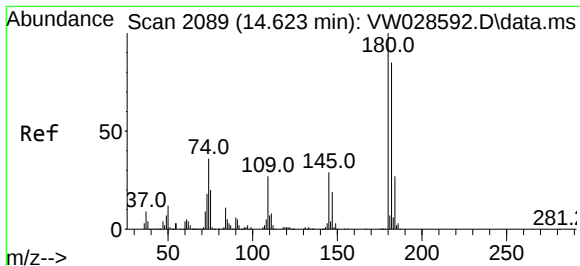
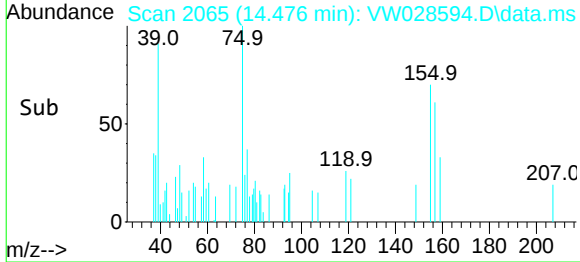
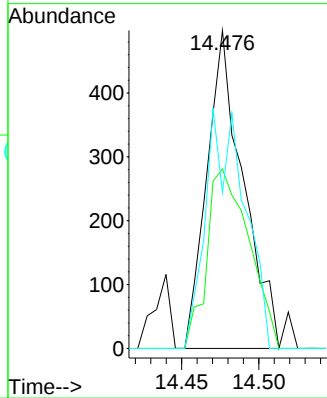
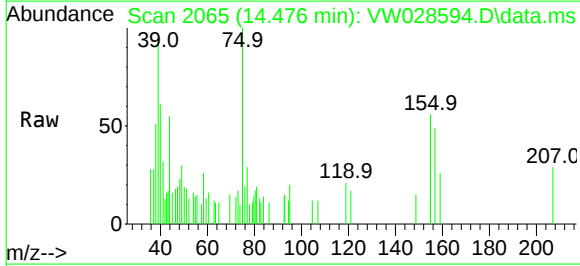
#68
1,2-Dibromo-3-chloropropane
Concen: 1.161 ug/L m
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2024-04

Tgt Ion: 75	Resp: 814
Ion Ratio	Lower Upper
75 100	
155 56.4	55.1 82.7
157 49.0	68.6 102.8

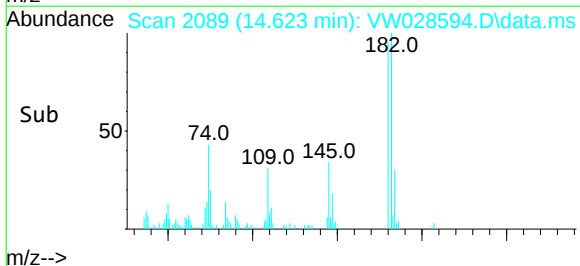
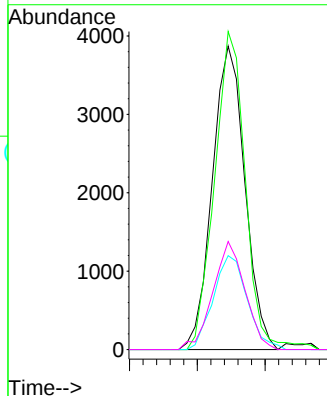
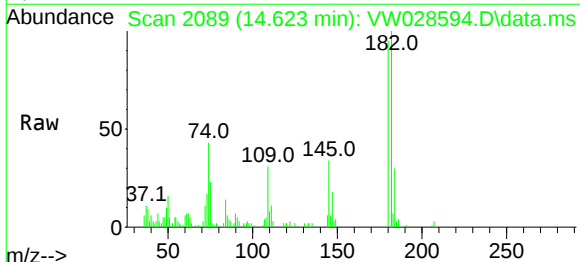
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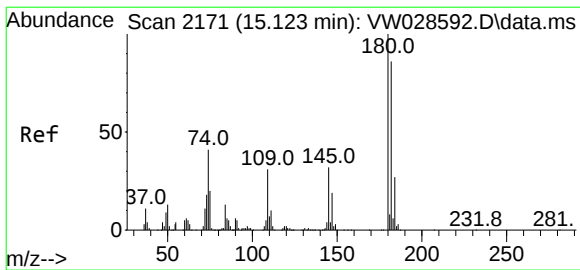
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#69
1,3,5-Trichlorobenzene
Concen: 1.230 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

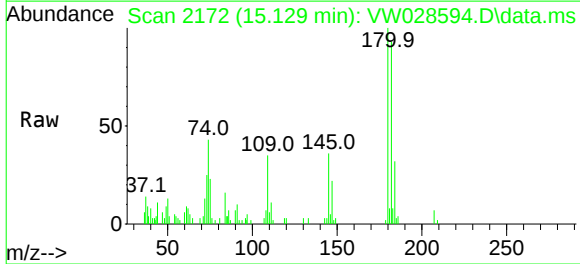
Tgt Ion: 180	Resp: 6467
Ion Ratio	Lower Upper
180 100	
182 99.0	75.4 113.2
184 32.3	24.0 36.0
145 35.0	25.4 38.0





#70
1,2,4-trichlorobenzene
Concen: 1.253 ug/L
RT: 15.129 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

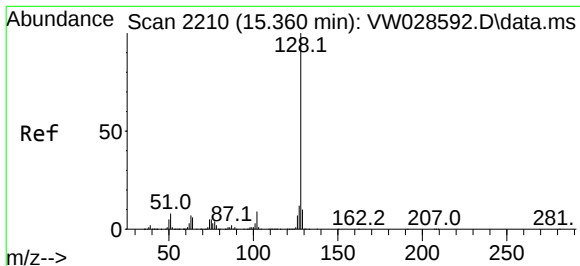
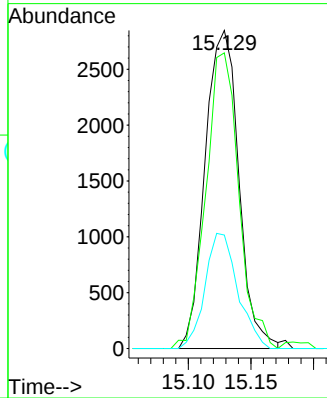
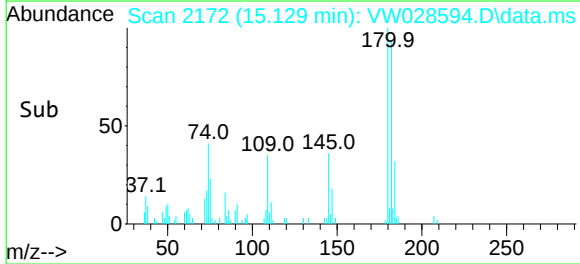
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2024-04



Tgt Ion:	180	Resp:	5322
Ion Ratio	Lower	Upper	
180	100		
182	90.8	77.2	115.8
145	35.2	26.6	39.8

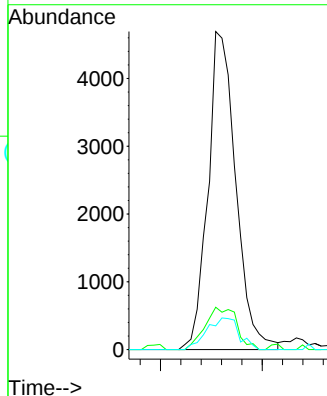
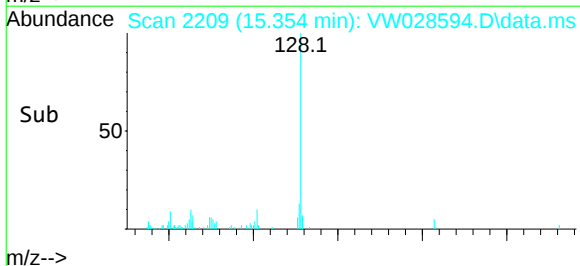
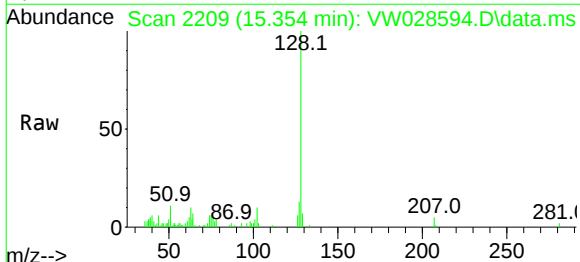
Manual Integrations
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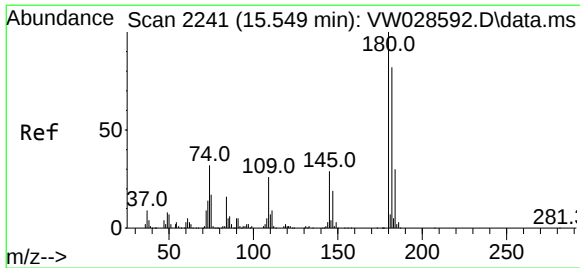
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#71
Naphthalene
Concen: 0.987 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. -0.006 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Tgt Ion:	128	Resp:	8935
Ion Ratio	Lower	Upper	
128	100		
127	9.0	10.6	15.8#
129	10.6	8.5	12.7





1,2,3-Trichlorobenzene
 Concen: 1.242 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: VW028594.D
 Acq: 08 May 2024 10:13

Instrument : MSVOA_W
 ClientSampleId : MDL-SOIL-QT2-2024-04

Tgt Ion:	180	Resp:	4760
Ion Ratio	Lower	Upper	
180	100		
182	92.7	76.1	114.1
145	34.0	28.3	42.5

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024

