

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090922\
 Data File : VW024593.D
 Acq On : 09 Sep 2022 10:40
 Operator : SY/VA
 Sample : N4519-03 MDL
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2022-07

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/12/2022
 Supervised By : Mahesh Dadoda 09/12/2022

Quant Time: Sep 10 01:02:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 10 00:38:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	263735	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	267326	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	115244	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	154546	28.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.520%
7) Chloroethane-d5	2.873	69	119897	29.613	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.440%
11) 1,1-Dichloroethene-d2	4.007	63	101864	17.731	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.920%
21) 2-Butanone-d5	7.073	46	42746	48.664	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.320%
24) Chloroform-d	7.646	84	160023	23.823	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.280%
26) 1,2-Dichloroethane-d4	8.305	65	98932	26.123	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.480%
32) Benzene-d6	8.274	84	327589	24.912	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.640%
36) 1,2-Dichloropropane-d6	9.274	67	93386	24.087	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.360%
41) Toluene-d8	10.323	98	305606	23.840	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.360%
43) trans-1,3-Dichloroprop...	10.579	79	39695	22.847	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.400%
47) 2-Hexanone-d5	10.926	63	33506	47.017	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	80190	21.580	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.320%
66) 1,2-Dichlorobenzene-d4	13.846	152	96680	26.487	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	1116m	0.884	ug/L	
5) Vinyl chloride	2.355	62	9981m	1.507	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	4894m	1.387	ug/L	
12) 1,1-Dichloroethene	4.025	96	4191	1.390	ug/L #	1
13) Acetone	4.129	43	3798m	5.082	ug/L	
14) Carbon disulfide	4.366	76	11281m	1.414	ug/L	
15) Methyl Acetate	4.683	43	1766m	1.118	ug/L	
17) trans-1,2-Dichloroethene	5.415	96	3819m	1.106	ug/L	
18) Methyl tert-butyl Ether	5.421	73	6311m	1.026	ug/L	
19) 1,1-Dichloroethane	6.201	63	6979	1.111	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	4335m	1.119	ug/L	
22) 2-Butanone	7.171	43	4376m	3.620	ug/L	
23) Bromochloromethane	7.512	128	2155	1.215	ug/L #	56
25) Chloroform	7.671	83	8584	1.230	ug/L	96
27) 1,2-Dichloroethane	8.402	62	5578	1.189	ug/L #	93
29) Cyclohexane	7.951	56	5268	1.018	ug/L #	58
30) 1,1,1-Trichloroethane	7.878	97	6259	1.068	ug/L	91
31) Carbon tetrachloride	8.061	117	5683m	1.061	ug/L	
33) Benzene	8.317	78	17632	1.162	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090922\
 Data File : VW024593.D
 Acq On : 09 Sep 2022 10:40
 Operator : SY/VA
 Sample : N4519-03 MDL
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2022-07

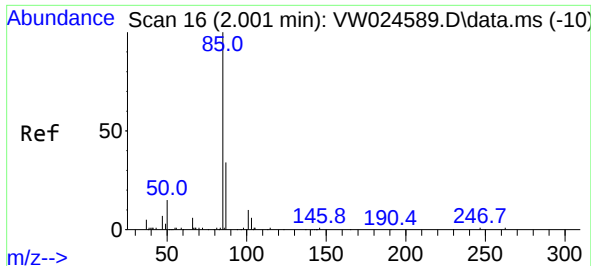
Quant Time: Sep 10 01:02:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 10 00:38:15 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022

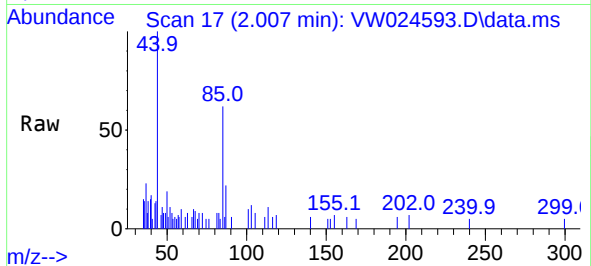
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	9.091	95	4134	1.043	ug/L	82
35) Methylcyclohexane	9.329	83	6221	0.981	ug/L	92
37) 1,2-Dichloropropane	9.366	63	4394	1.160	ug/L #	92
38) Bromodichloromethane	9.640	83	5744	1.073	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	6310	1.139	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	5329	2.132	ug/L #	52
42) Toluene	10.390	91	19599	1.172	ug/L	89
45) 1,1,2-Trichloroethane	10.780	97	3340	1.055	ug/L	95
46) Tetrachloroethene	10.859	164	3022	1.035	ug/L	96
48) 2-Hexanone	10.969	43	4431m	2.585	ug/L	
49) Dibromochloromethane	11.127	129	3712	1.003	ug/L	95
50) 1,2-Dibromoethane	11.231	107	3058	0.995	ug/L #	94
51) Chlorobenzene	11.652	112	12333	1.067	ug/L	91
52) Ethylbenzene	11.731	91	18912	0.996	ug/L	93
53) m,p-Xylene	11.841	106	6917	0.932	ug/L	98
54) o-Xylene	12.164	106	6190	0.876	ug/L	86
55) Styrene	12.176	104	9172	0.738	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	4972	1.240	ug/L	90
59) Bromoform	12.353	173	1750m	1.045	ug/L	
60) Isopropylbenzene	12.463	105	14690	0.941	ug/L #	94
61) 1,2,3-Trichloropropane	12.767	75	3137m	1.316	ug/L	
62) 1,3,5-Trimethylbenzene	12.938	105	10714	0.827	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	10927	0.847	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	7039	1.001	ug/L #	78
65) 1,4-Dichlorobenzene	13.578	146	8624	1.164	ug/L	95
67) 1,2-Dichlorobenzene	13.859	146	7811	1.191	ug/L #	83
68) 1,2-Dibromo-3-chloropr...	14.468	75	624m	1.106	ug/L	
69) 1,3,5-Trichlorobenzene	14.621	180	4537m	0.994	ug/L	
70) 1,2,4-trichlorobenzene	15.133	180	3378	0.932	ug/L	98
72) 1,2,3-Trichlorobenzene	15.553	180	2888	0.857	ug/L	91

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



#2
Dichlorodifluoromethane
Concen: 0.884 ug/L m
RT: 2.007 min Scan# 111
Delta R.T. 0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

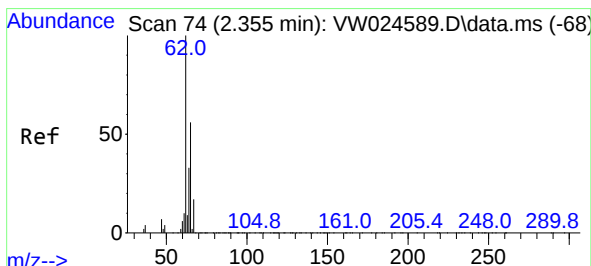
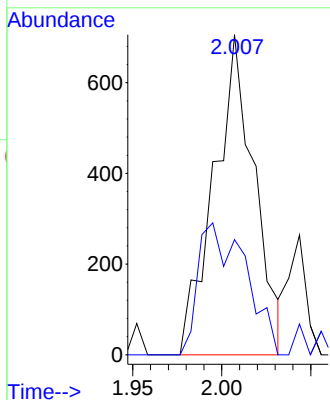
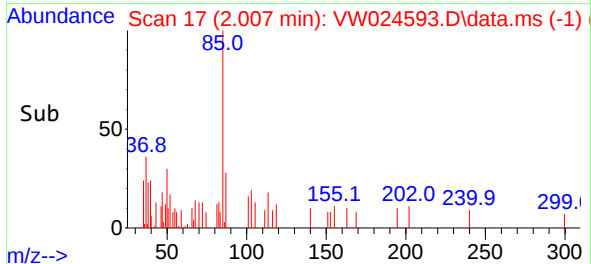
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion: 85 Resp: 1110
Ion Ratio Lower Upper
85 100
87 1.7 24.2 36.2

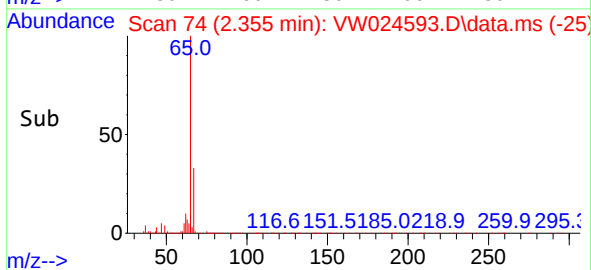
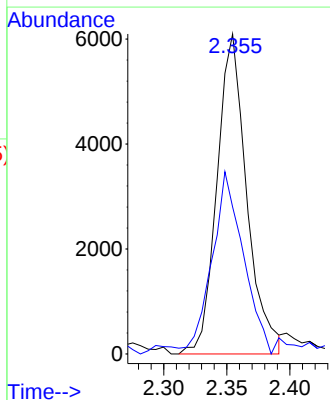
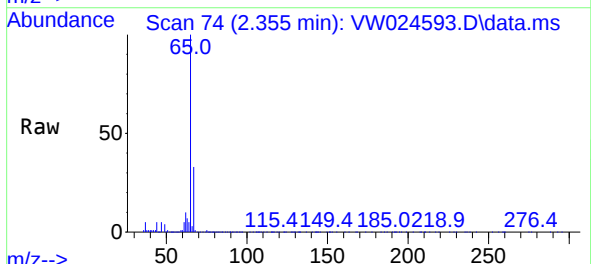
Manual Integrations
APPROVED

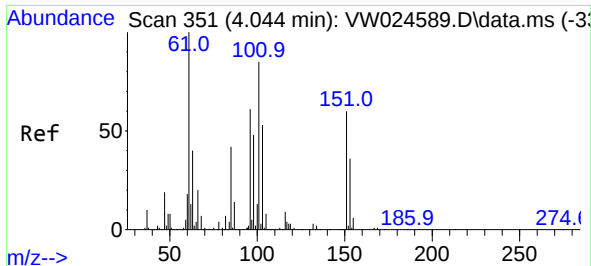
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#5
Vinyl chloride
Concen: 1.507 ug/L m
RT: 2.355 min Scan# 74
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

Tgt Ion: 62 Resp: 9981
Ion Ratio Lower Upper
62 100
64 45.9 23.3 43.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.387 ug/L m

RT: 4.062 min Scan# 351

Delta R.T. 0.018 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2022-07

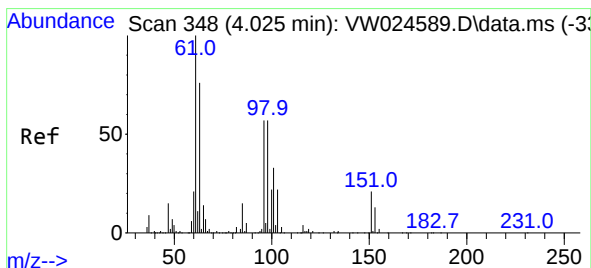
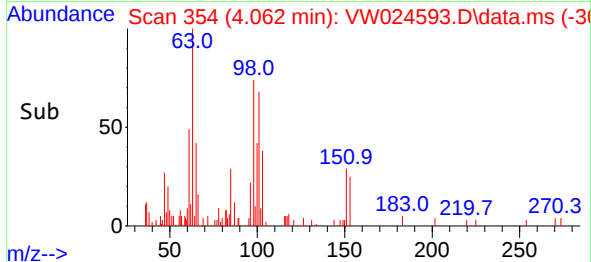
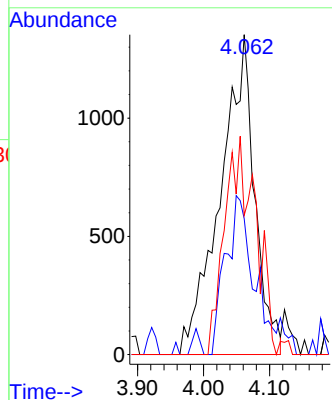
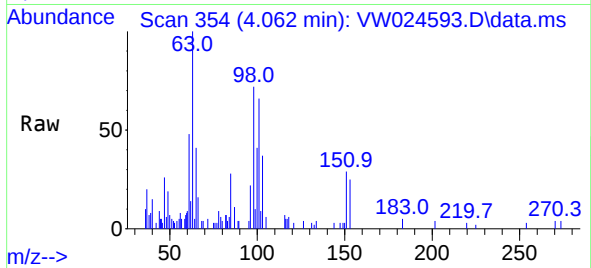
Tgt Ion:	101	Resp:	4894
Ion Ratio	Lower	Upper	
101	100		
85	21.3	21.8	32.8
151	26.6	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#12

1,1-Dichloroethene

Concen: 1.390 ug/L

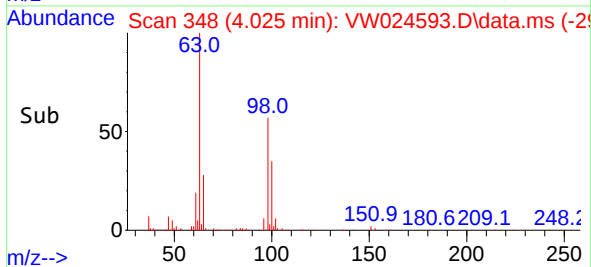
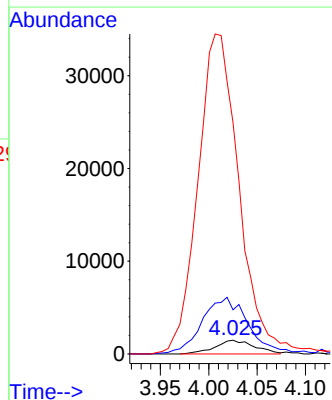
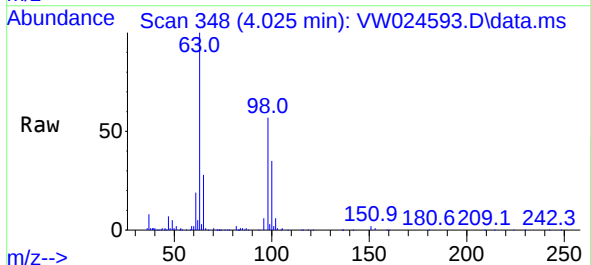
RT: 4.025 min Scan# 348

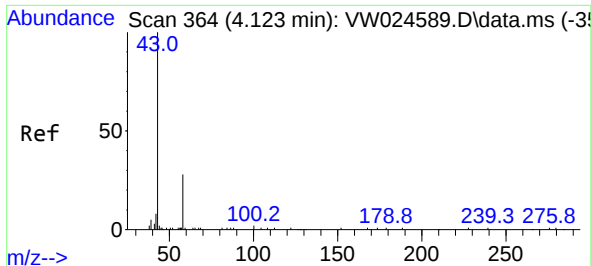
Delta R.T. -0.000 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

Tgt Ion:	96	Resp:	4191
Ion Ratio	Lower	Upper	
96	100		
61	322.3	119.8	222.6
63	1688.8	89.6	166.4





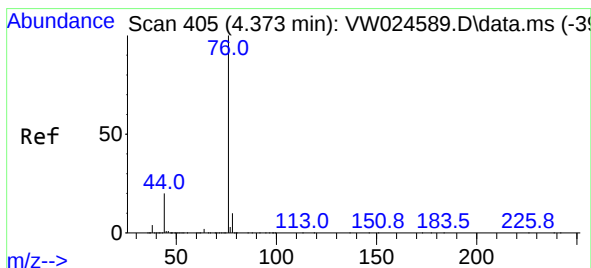
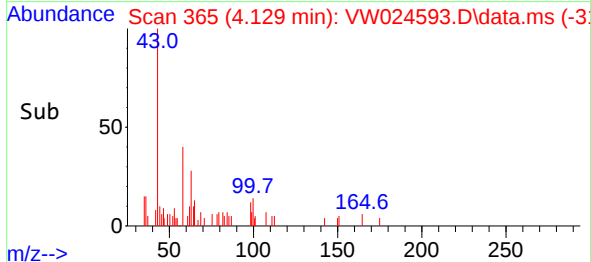
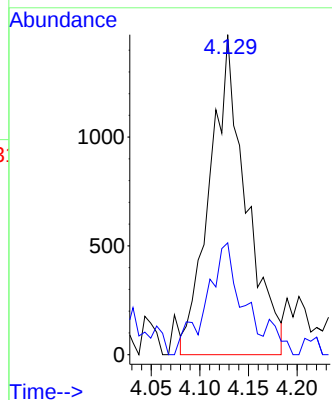
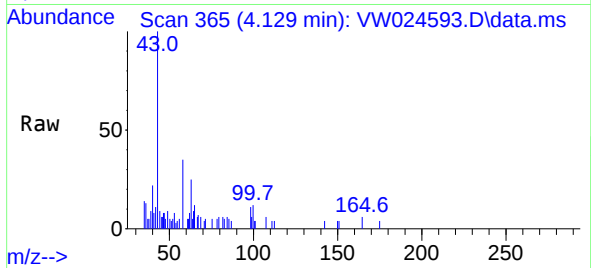
#13
Acetone
Concen: 5.082 ug/L m
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-07

Tgt Ion: 43 Resp: 3798
Ion Ratio Lower Upper
43 100
58 23.3 0.0 57.8

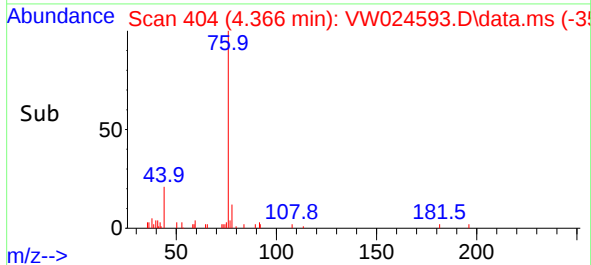
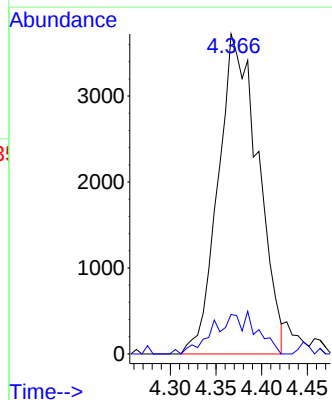
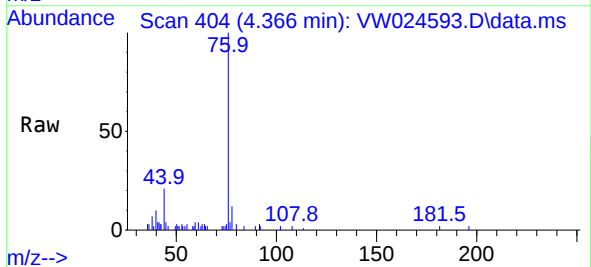
Manual Integrations
APPROVED

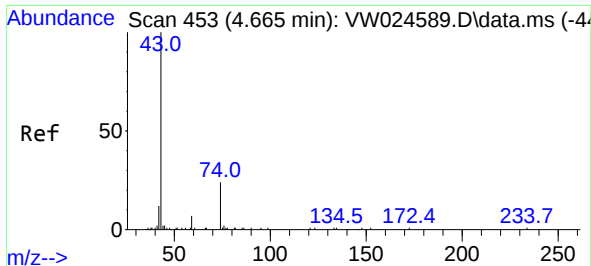
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#14
Carbon disulfide
Concen: 1.414 ug/L m
RT: 4.366 min Scan# 404
Delta R.T. -0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

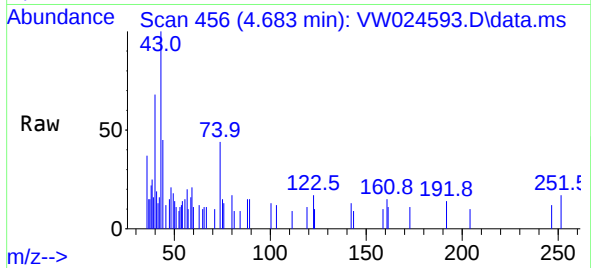
Tgt Ion: 76 Resp: 11281
Ion Ratio Lower Upper
76 100
78 12.4 7.5 11.3#





#15
Methyl Acetate
Concen: 1.118 ug/L m
RT: 4.683 min Scan# 4
Delta R.T. 0.018 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

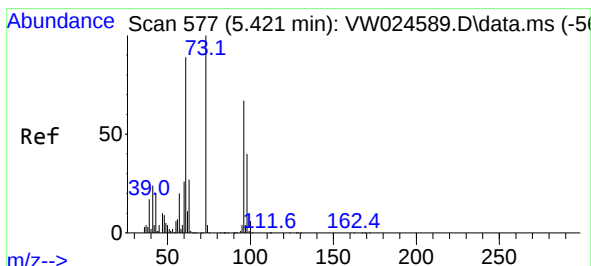
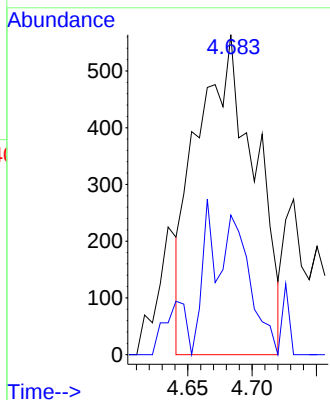
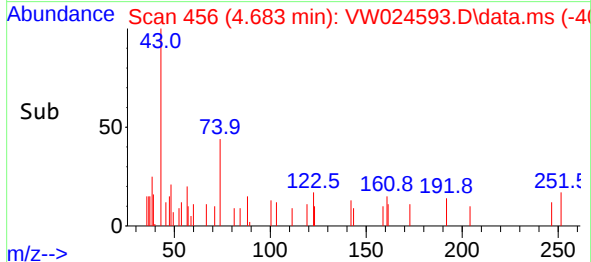
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion: 43 Resp: 1760
Ion Ratio Lower Upper
43 100
74 3.1 19.9 29.9

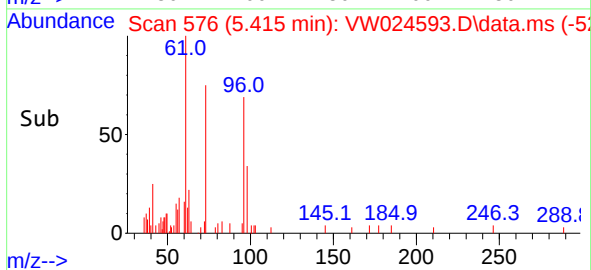
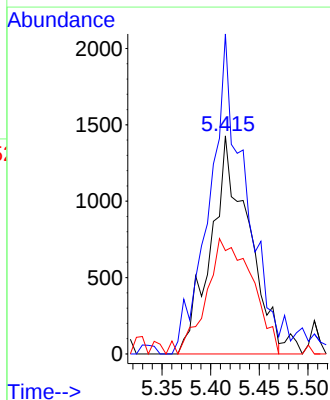
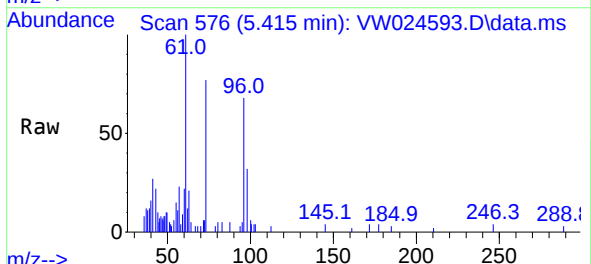
Manual Integrations
APPROVED

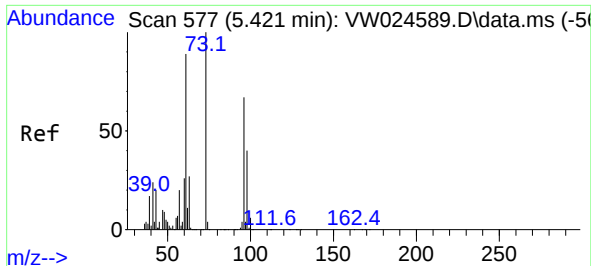
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#17
trans-1,2-Dichloroethene
Concen: 1.106 ug/L m
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

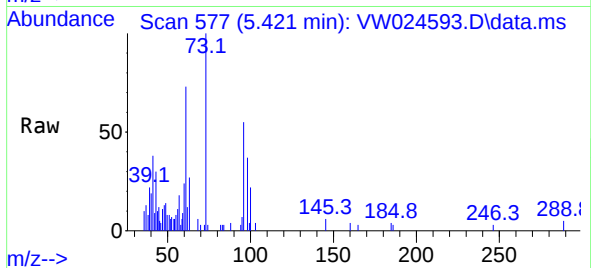
Tgt Ion: 96 Resp: 3819
Ion Ratio Lower Upper
96 100
61 146.7 91.7 170.3
98 47.4 43.6 81.0





#18
Methyl tert-butyl Ether
Concen: 1.026 ug/L m
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

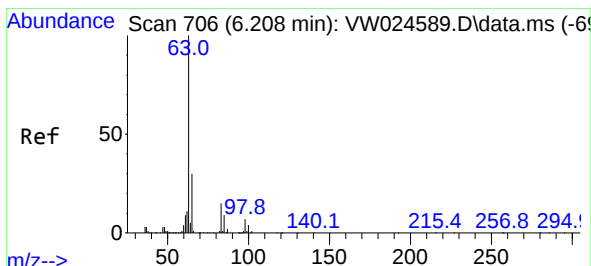
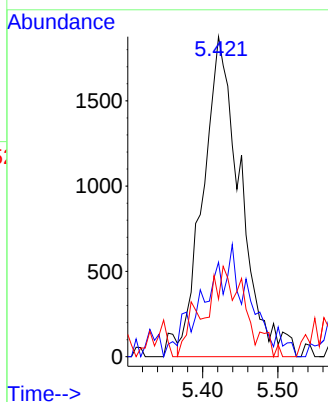
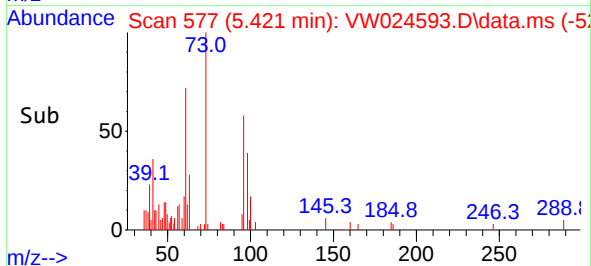
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2022-07



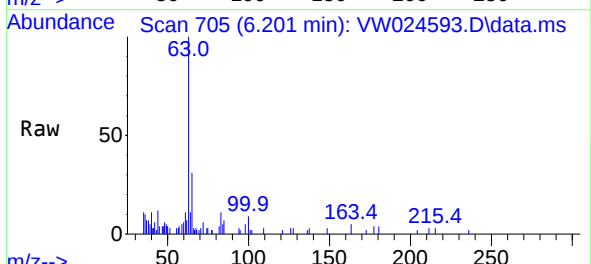
Tgt Ion: 73 Resp: 631
Ion Ratio Lower Upper
73 100
43 9.3 16.7 25.1
57 13.7 16.8 25.2

Manual Integrations
APPROVED

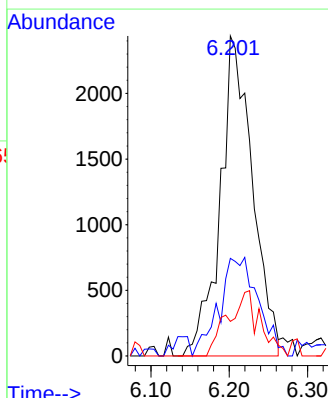
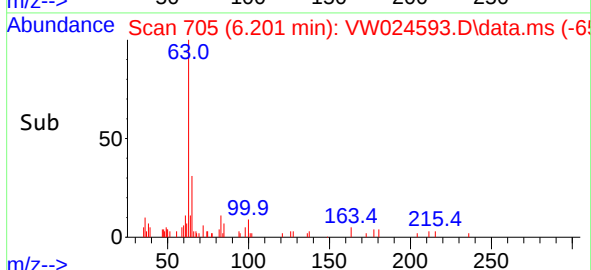
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

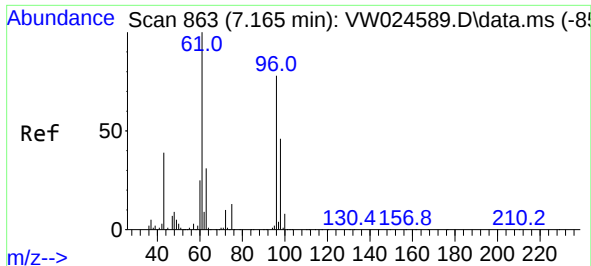


#19
1,1-Dichloroethane
Concen: 1.111 ug/L
RT: 6.201 min Scan# 705
Delta R.T. -0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40



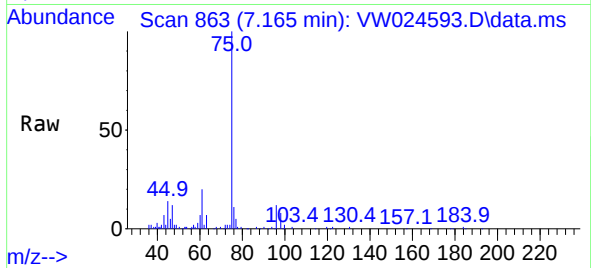
Tgt Ion: 63 Resp: 6979
Ion Ratio Lower Upper
63 100
65 30.5 22.0 41.0
83 10.8 9.5 17.7





#20
cis-1,2-Dichloroethene
Concen: 1.119 ug/L m
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

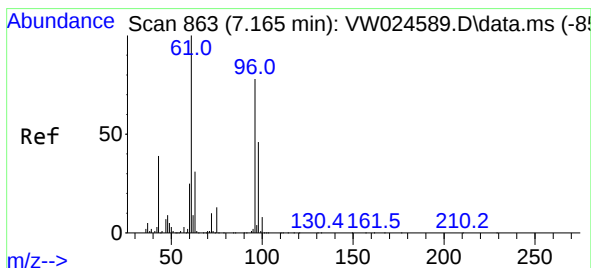
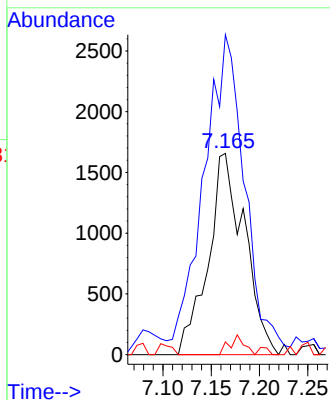
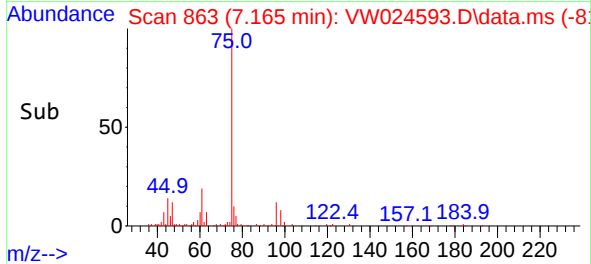
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2022-07



Tgt Ion: 96 Resp: 433
Ion Ratio Lower Upper
96 100
61 159.0 91.2 169.4
68 6.4 0.0 0.0

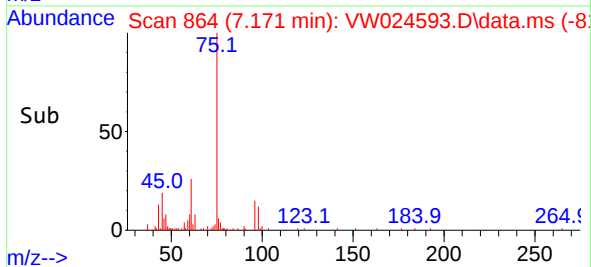
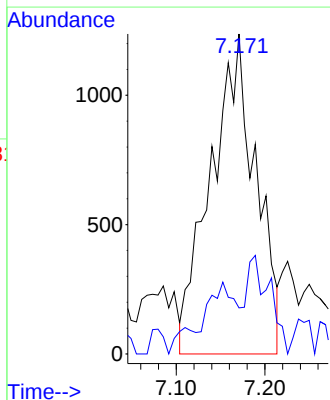
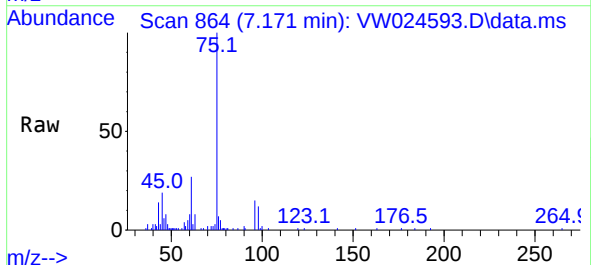
Manual Integrations
APPROVED

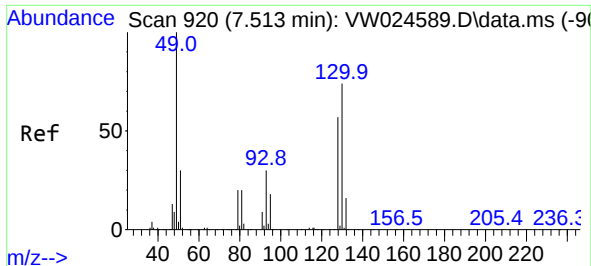
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#22
2-Butanone
Concen: 3.620 ug/L m
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

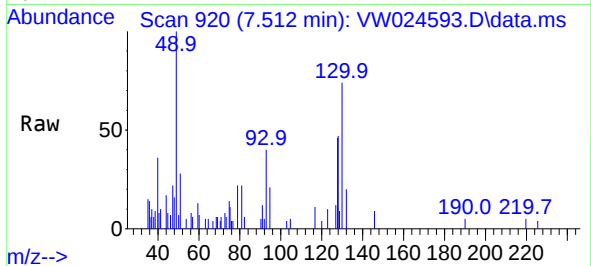
Tgt Ion: 43 Resp: 4376
Ion Ratio Lower Upper
43 100
72 7.4 15.4 46.4#





#23
Bromochloromethane
Concen: 1.215 ug/L
RT: 7.512 min Scan# 912
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

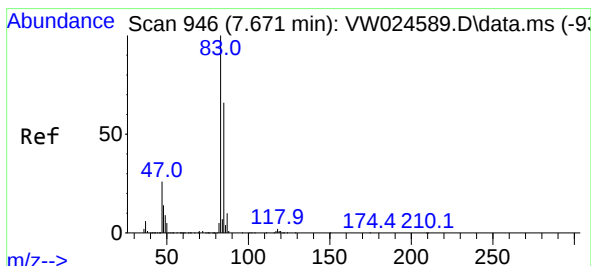
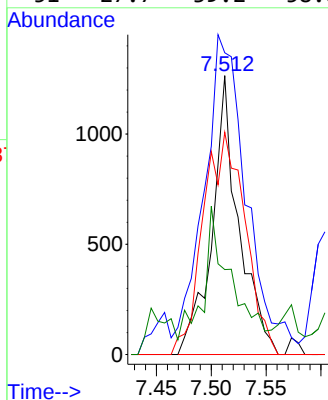
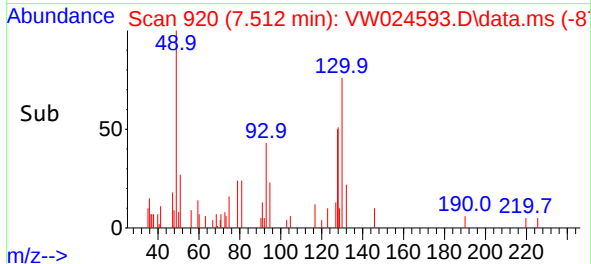
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2022-07



Tgt Ion:	128	Resp:	215
Ion	Ratio	Lower	Upper
128	100		
49	98.1	110.0	204.2
130	72.3	88.3	163.9
51	27.7	39.2	58.8

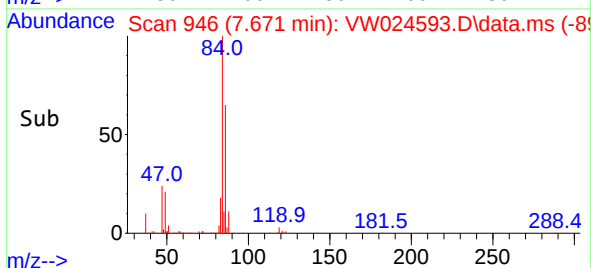
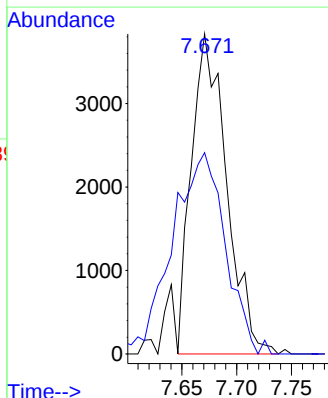
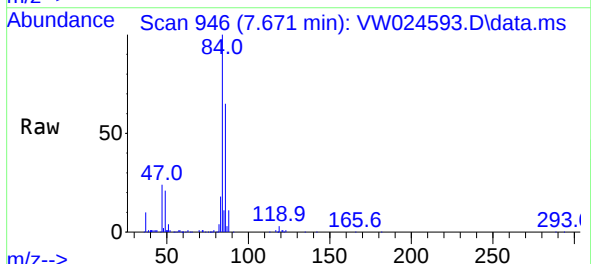
Manual Integrations
APPROVED

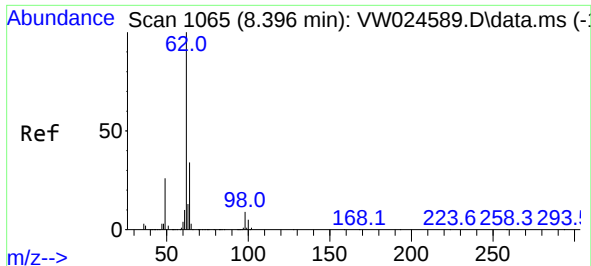
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#25
Chloroform
Concen: 1.230 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

Tgt Ion:	83	Resp:	8584
Ion	Ratio	Lower	Upper
83	100		
85	62.9	46.4	86.2





#27

1,2-Dichloroethane

Concen: 1.189 ug/L

RT: 8.402 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

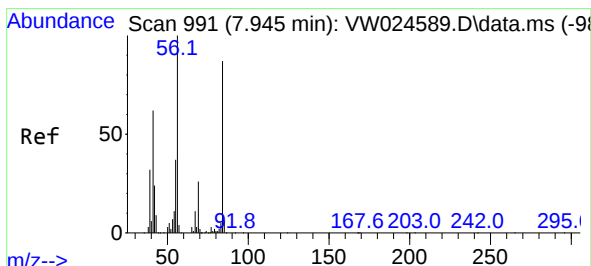
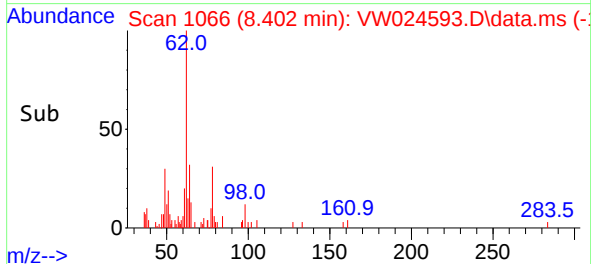
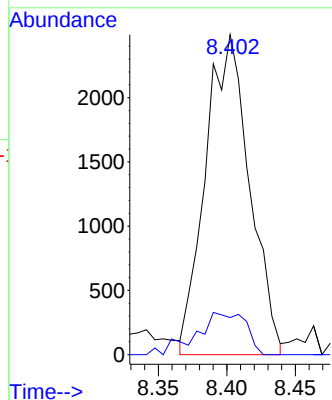
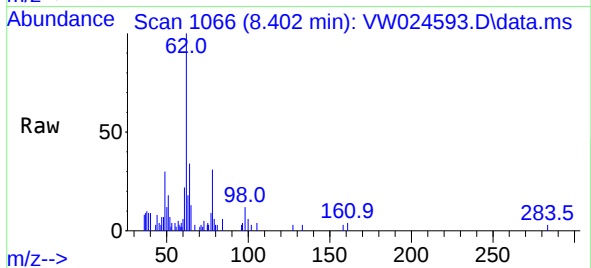
MDL-SOIL-QT4-2022-07

Tgt Ion: 62 Resp: 5578
 Ion Ratio Lower Upper
 62 100
 98 11.6 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022



#29

Cyclohexane

Concen: 1.018 ug/L

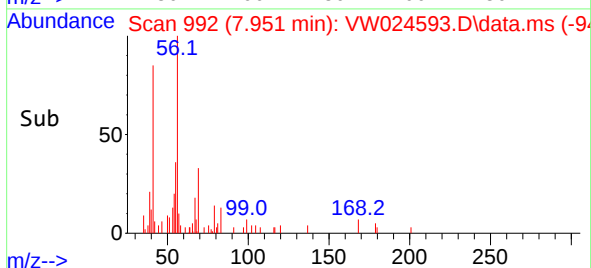
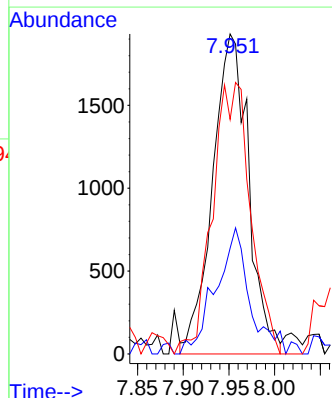
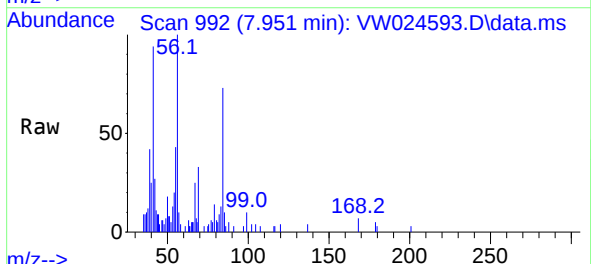
RT: 7.951 min Scan# 992

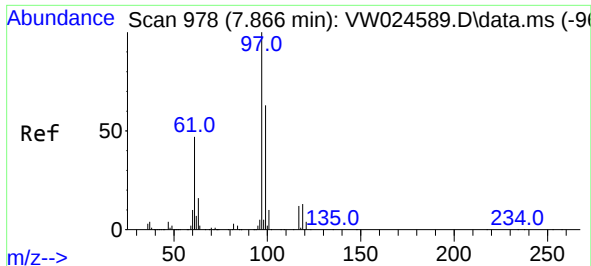
Delta R.T. 0.006 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

Tgt Ion: 56 Resp: 5268
 Ion Ratio Lower Upper
 56 100
 69 25.7 24.5 36.7
 84 43.4 75.7 113.5





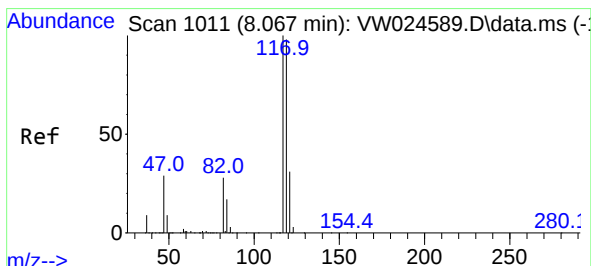
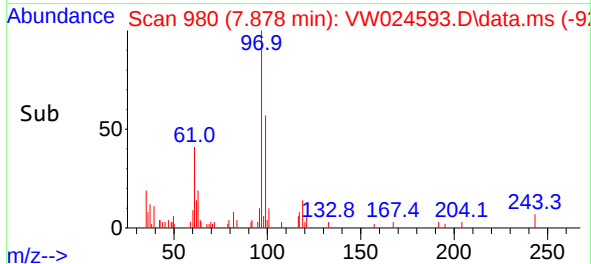
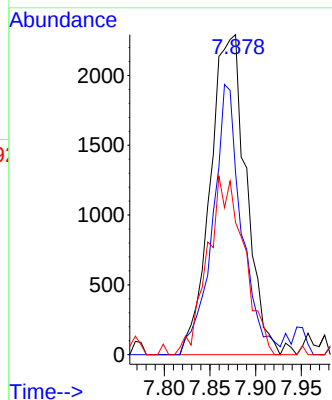
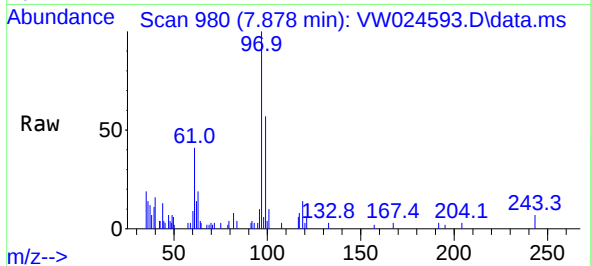
#30
1,1,1-Trichloroethane
Concen: 1.068 ug/L
RT: 7.878 min Scan# 978
Delta R.T. 0.012 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2022-07

Tgt Ion: 97 Resp: 625
Ion Ratio Lower Upper
97 100
99 68.7 51.5 77.3
61 55.1 37.2 55.8

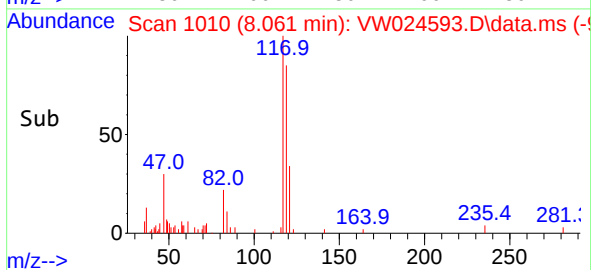
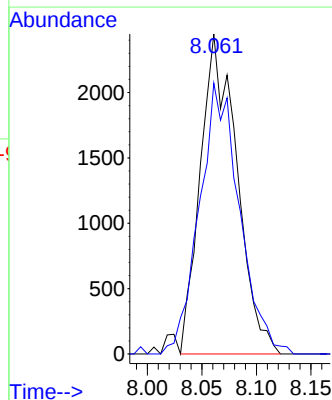
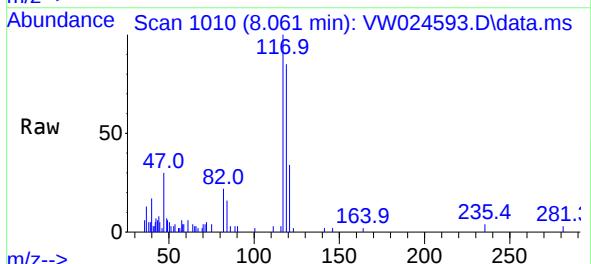
Manual Integrations
APPROVED

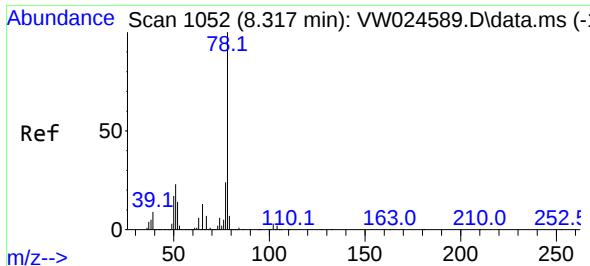
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#31
Carbon tetrachloride
Concen: 1.061 ug/L m
RT: 8.061 min Scan# 1010
Delta R.T. -0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

Tgt Ion:117 Resp: 5683
Ion Ratio Lower Upper
117 100
119 0.9 74.4 111.6#





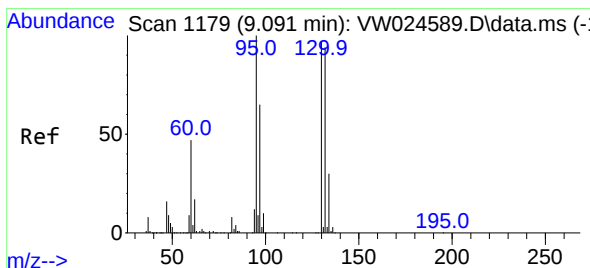
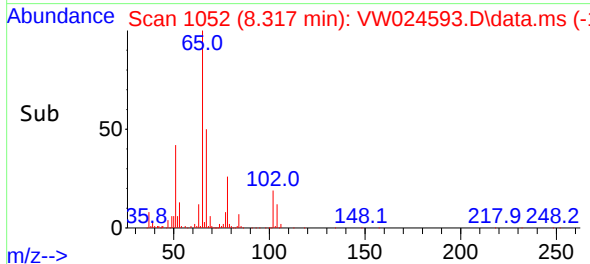
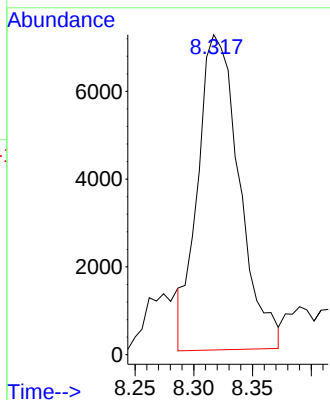
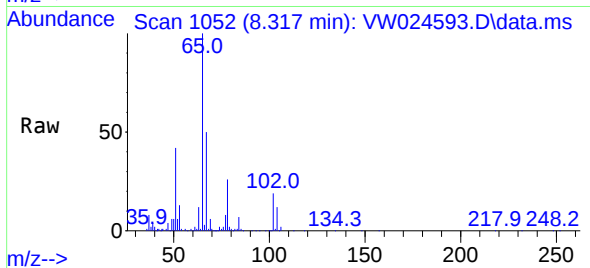
#33
Benzene
Concen: 1.162 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2022-07

Tgt Ion: 78 Resp: 1763

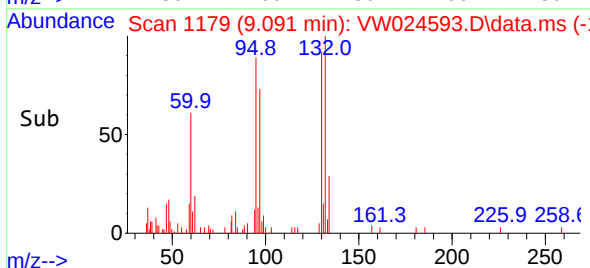
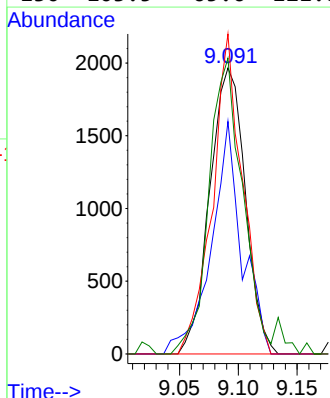
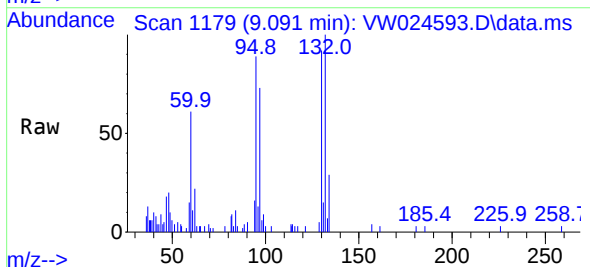
Manual Integrations
APPROVED

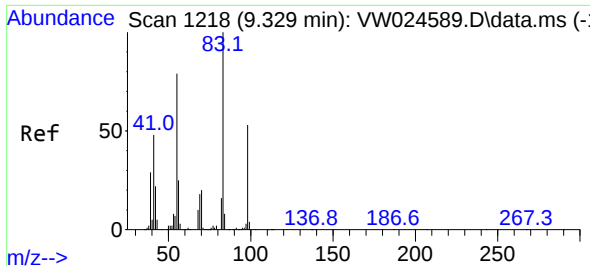
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#34
Trichloroethene
Concen: 1.043 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

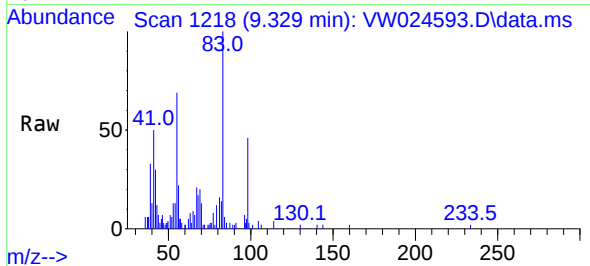
Tgt Ion: 95 Resp: 4134
Ion Ratio Lower Upper
95 100
97 81.3 45.9 85.3
132 111.9 62.6 116.2
130 103.5 65.6 121.8





#35
Methylcyclohexane
Concen: 0.981 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

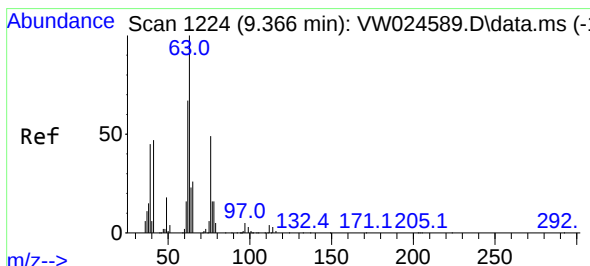
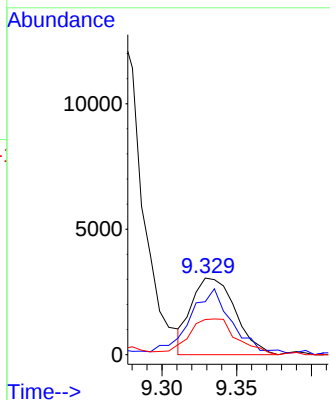
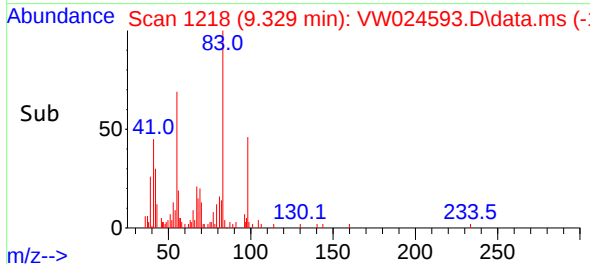
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2022-07



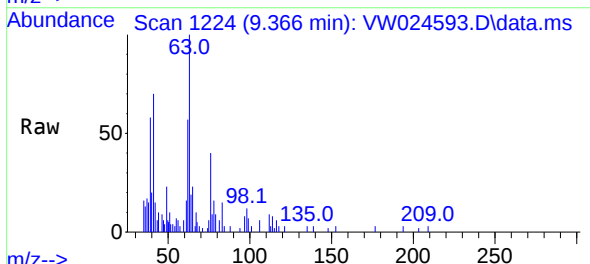
Tgt Ion: 83 Resp: 622
Ion Ratio Lower Upper
83 100
55 82.6 57.3 85.9
98 50.5 40.4 60.6

Manual Integrations
APPROVED

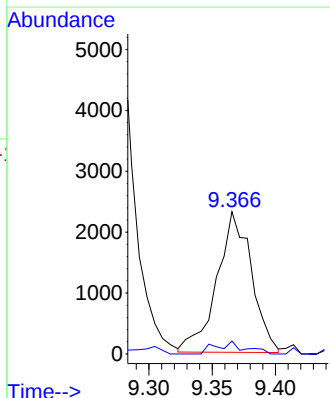
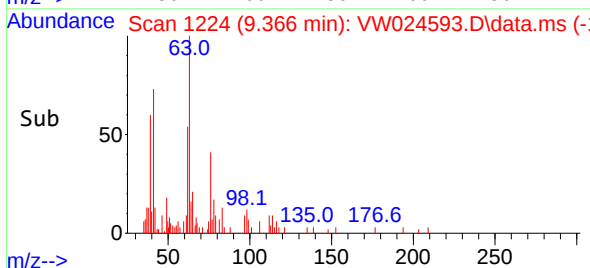
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

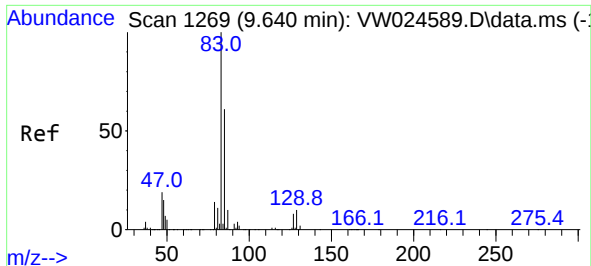


#37
1,2-Dichloropropane
Concen: 1.160 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40



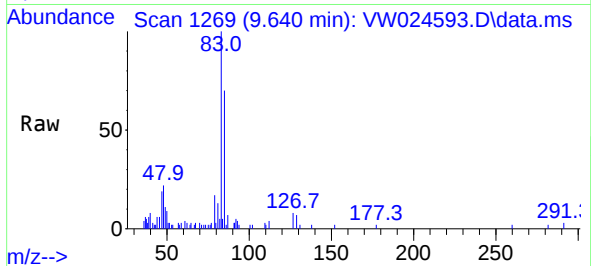
Tgt Ion: 63 Resp: 4394
Ion Ratio Lower Upper
63 100
112 2.3 3.9 5.9#





#38
Bromodichloromethane
Concen: 1.073 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

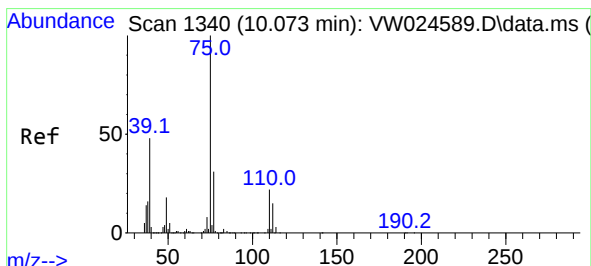
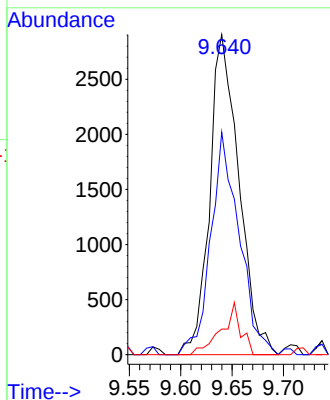
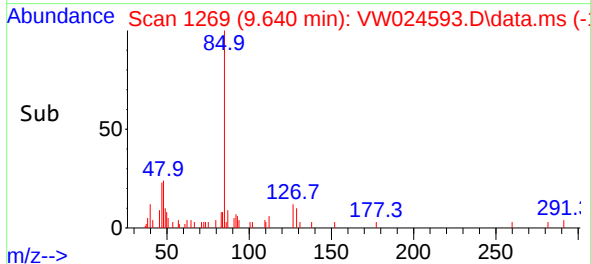
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2022-07



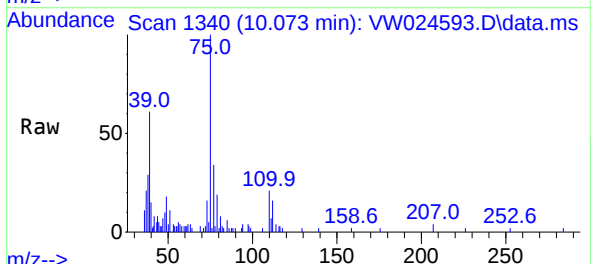
Tgt Ion: 83 Resp: 5744
Ion Ratio Lower Upper
83 100
85 69.6 45.1 83.9
127 8.0 7.3 10.9

Manual Integrations
APPROVED

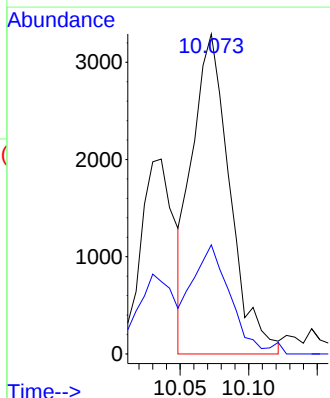
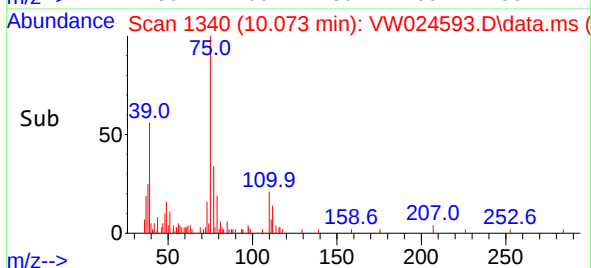
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

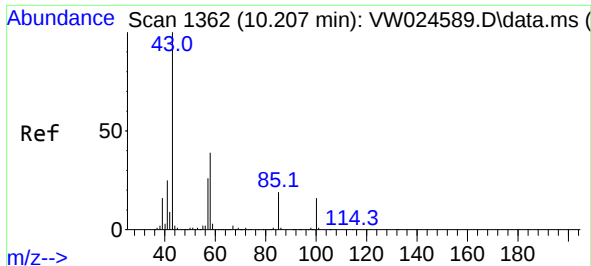


#39
cis-1,3-Dichloropropene
Concen: 1.139 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40



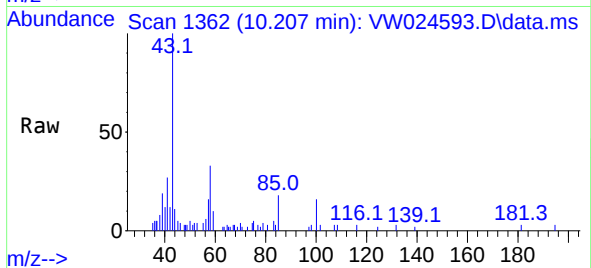
Tgt Ion: 75 Resp: 6310
Ion Ratio Lower Upper
75 100
77 34.1 21.9 40.7





#40
4-Methyl-2-pentanone
Concen: 2.132 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

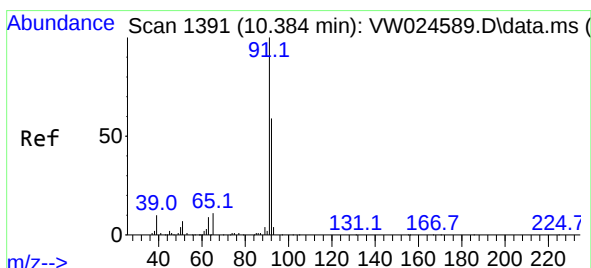
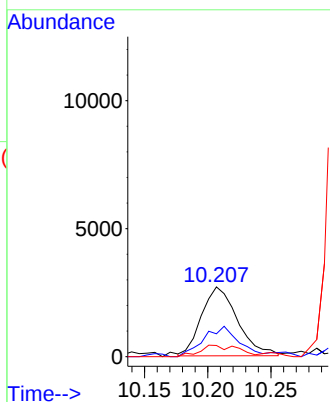
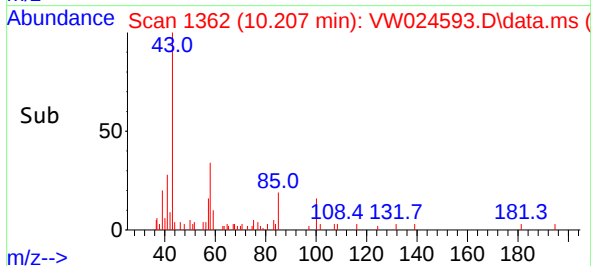
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2022-07



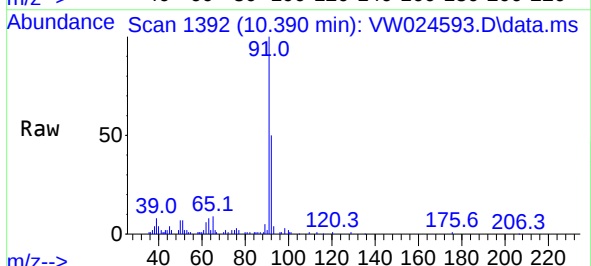
Tgt Ion: 43 Resp: 5329
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3
100 11.0 13.3 19.9

Manual Integrations
APPROVED

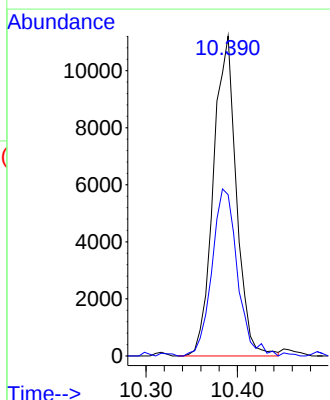
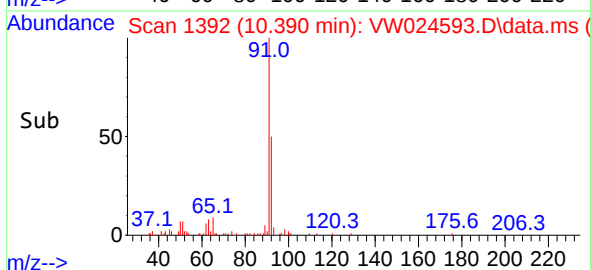
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

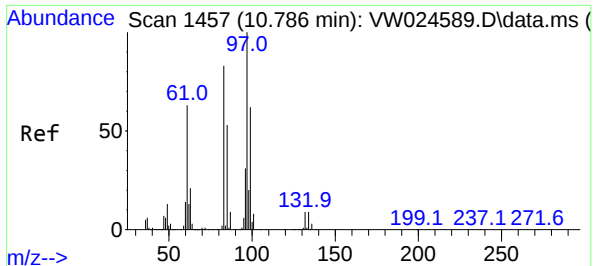


#42
Toluene
Concen: 1.172 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40



Tgt Ion: 91 Resp: 19599
Ion Ratio Lower Upper
91 100
92 50.4 40.8 75.8





#45

1,1,2-Trichloroethane

Concen: 1.055 ug/L

RT: 10.780 min Scan# 1456

Delta R.T. -0.006 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2022-07

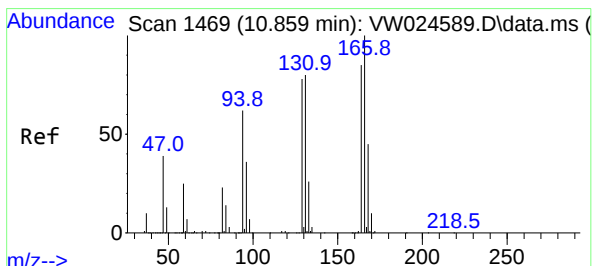
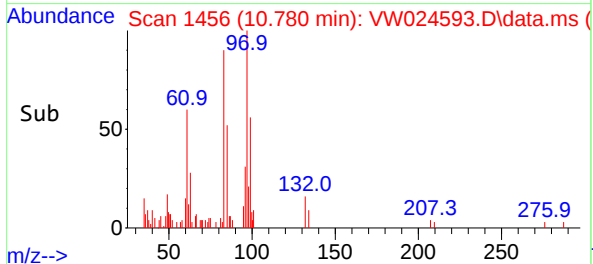
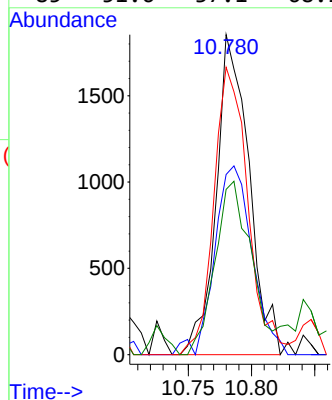
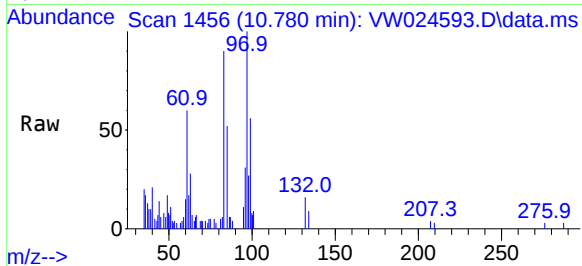
Tgt Ion: 97	Resp: 3340
Ion Ratio	Lower Upper
97 100	
99 56.3	41.9 77.9
83 89.8	58.2 108.0
85 51.6	37.1 68.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#46

Tetrachloroethene

Concen: 1.035 ug/L

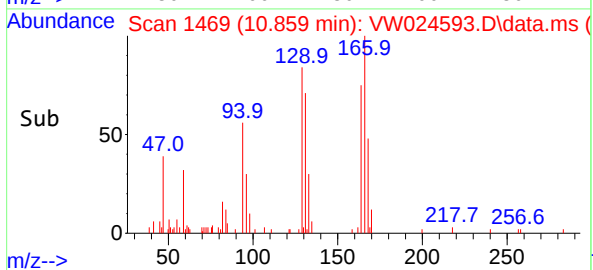
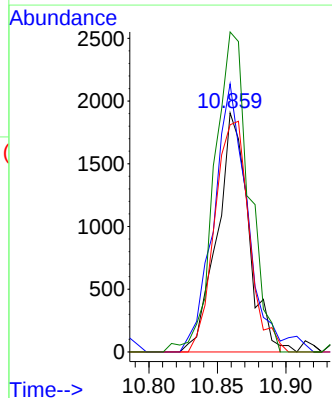
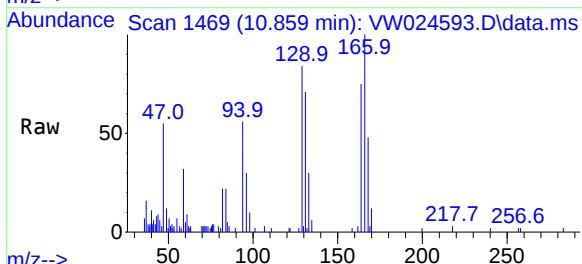
RT: 10.859 min Scan# 1469

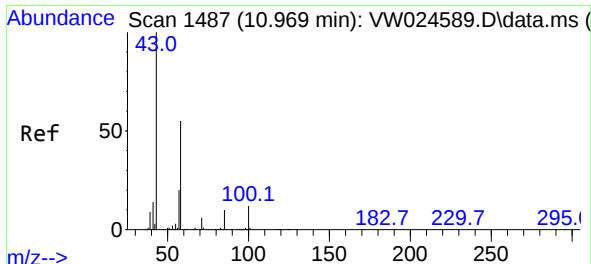
Delta R.T. -0.000 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

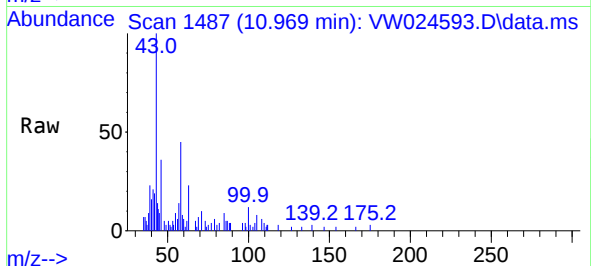
Tgt	Ion:164	Resp:	3022
Ion	Ratio	Lower	Upper
164	100		
129	112.2	75.0	139.2
131	95.0	70.1	130.1
166	133.8	95.1	176.7





#48
2-Hexanone
Concen: 2.585 ug/L m
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

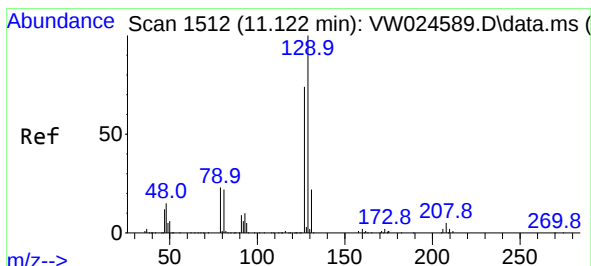
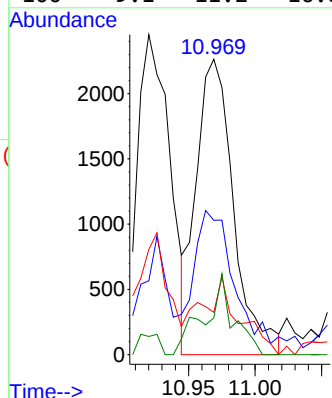
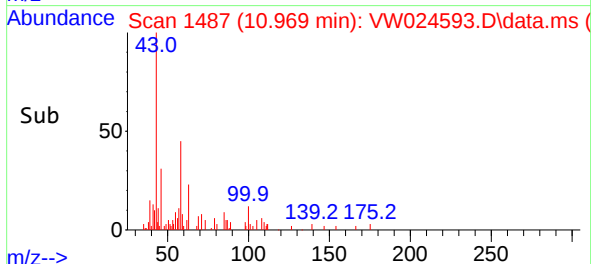
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-07



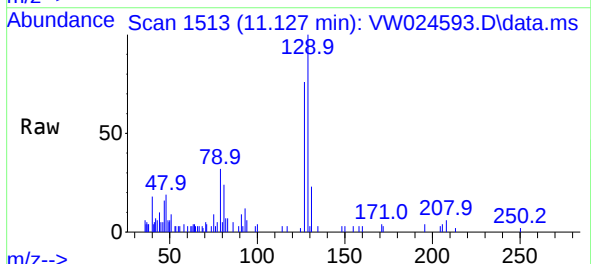
Tgt Ion: 43 Resp: 443
Ion Ratio Lower Upper
43 100
58 54.6 43.7 65.5
57 7.7 15.3 22.9
100 9.1 11.2 16.8#

Manual Integrations
APPROVED

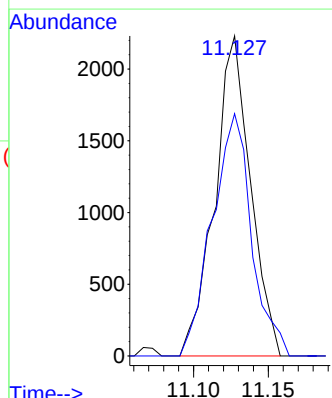
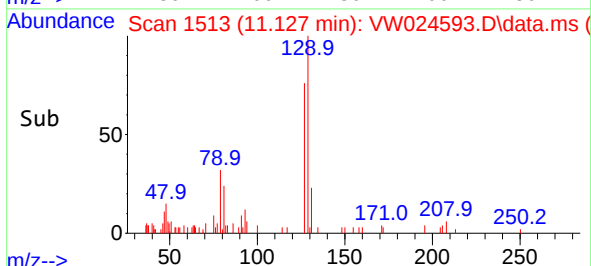
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

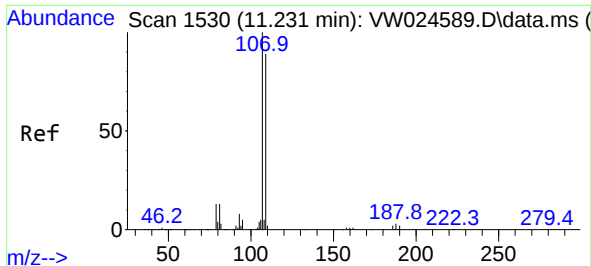


#49
Dibromochloromethane
Concen: 1.003 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40



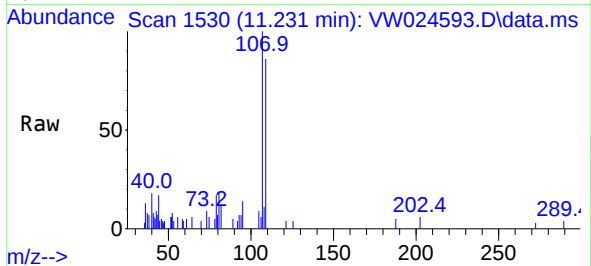
Tgt Ion:129 Resp: 3712
Ion Ratio Lower Upper
129 100
127 75.7 56.1 104.1





#50
1,2-Dibromoethane
Concen: 0.995 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

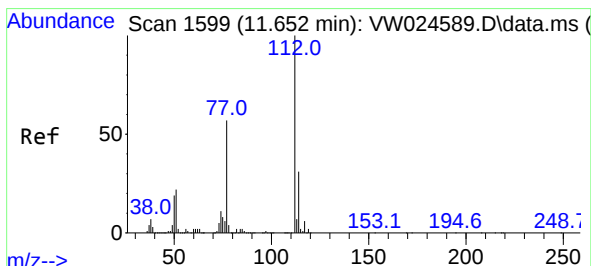
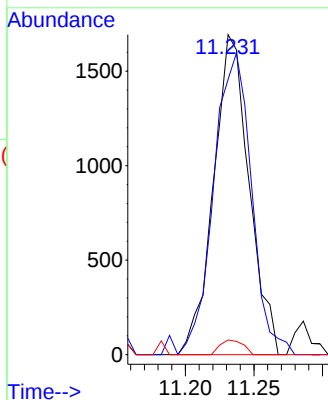
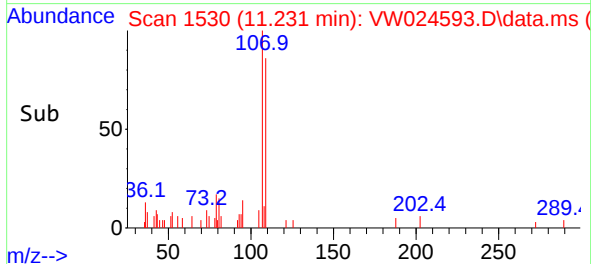
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-07



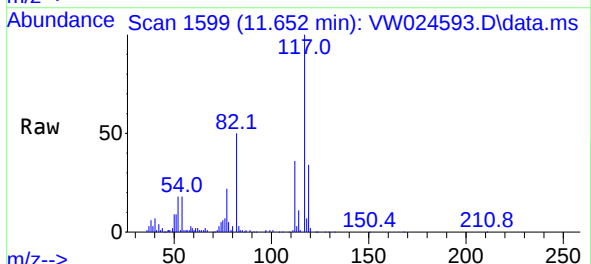
Tgt Ion:107 Resp: 3058
Ion Ratio Lower Upper
107 100
109 86.1 64.5 119.9
188 4.6 3.0 4.4

Manual Integrations
APPROVED

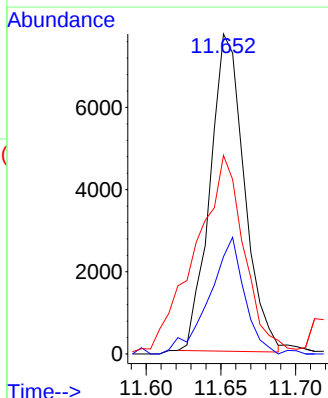
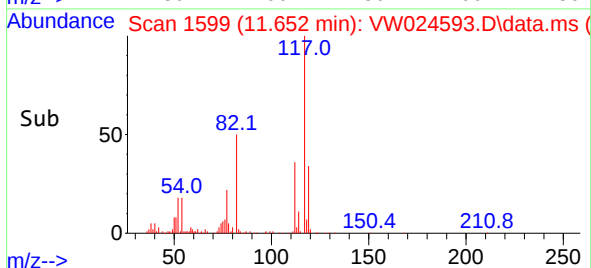
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

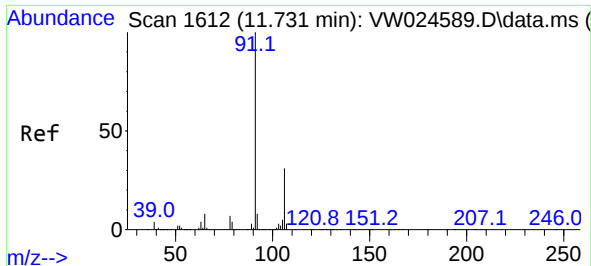


#51
Chlorobenzene
Concen: 1.067 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40



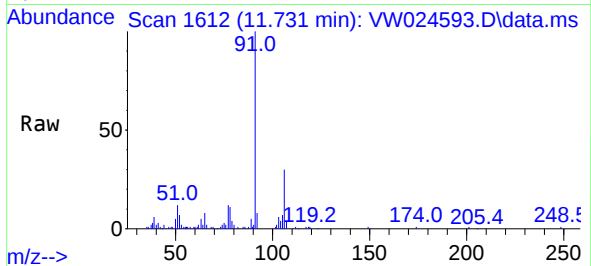
Tgt Ion:112 Resp: 12333
Ion Ratio Lower Upper
112 100
114 30.4 20.0 37.2
77 62.1 42.6 63.8





#52
Ethylbenzene
Concen: 0.996 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

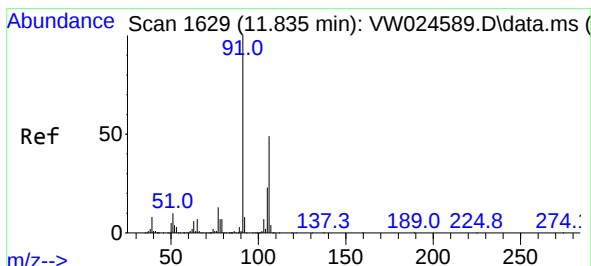
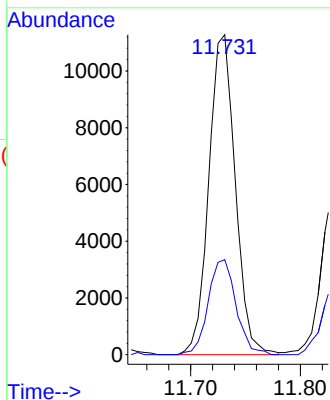
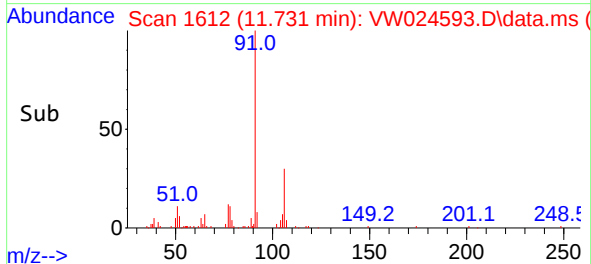
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-07



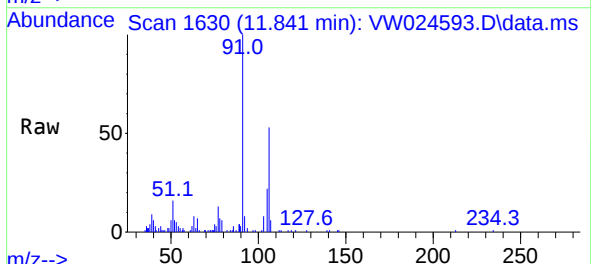
Tgt Ion: 91 Resp: 1891
Ion Ratio Lower Upper
91 100
106 29.7 23.8 44.2

Manual Integrations
APPROVED

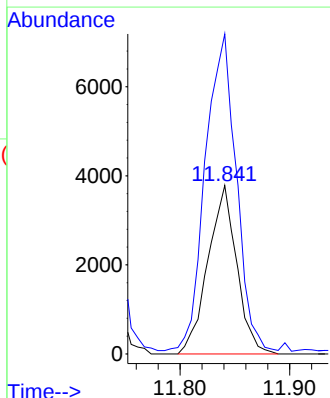
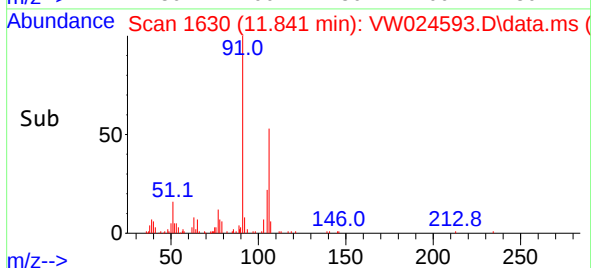
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

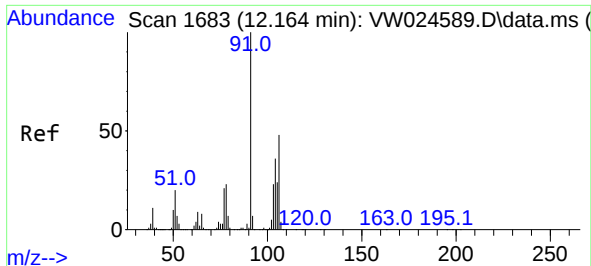


#53
m,p-Xylene
Concen: 0.932 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40



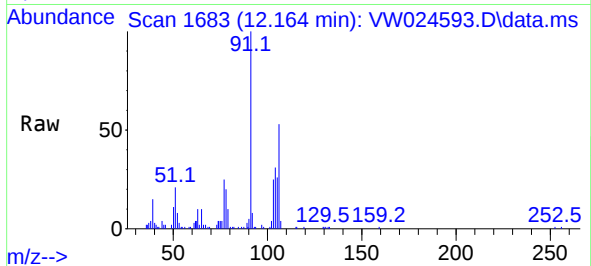
Tgt Ion:106 Resp: 6917
Ion Ratio Lower Upper
106 100
91 190.0 131.3 243.8





#54
o-Xylene
Concen: 0.876 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

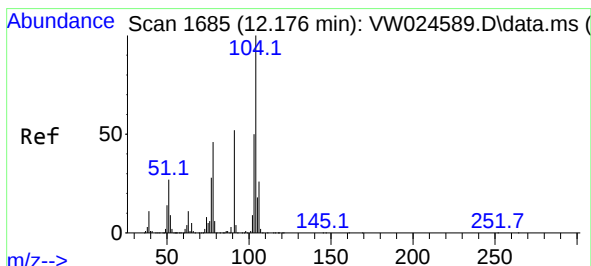
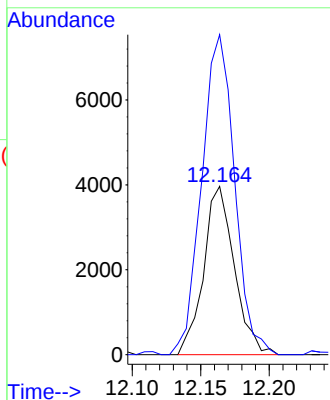
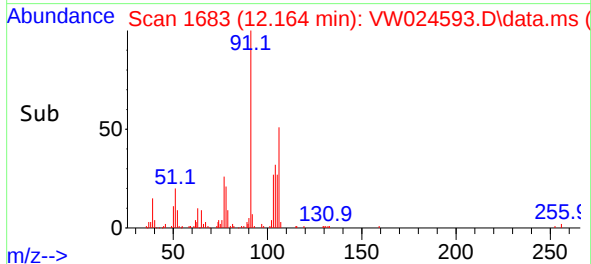
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-07



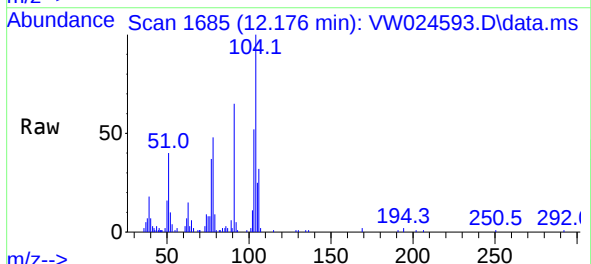
Tgt Ion:106 Resp: 6190
Ion Ratio Lower Upper
106 100
91 190.2 148.7 276.3

Manual Integrations
APPROVED

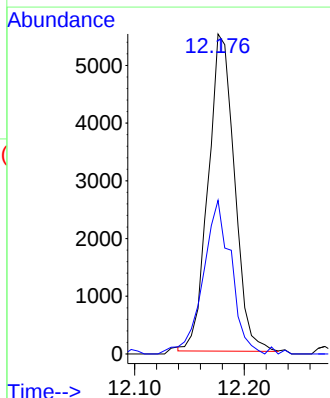
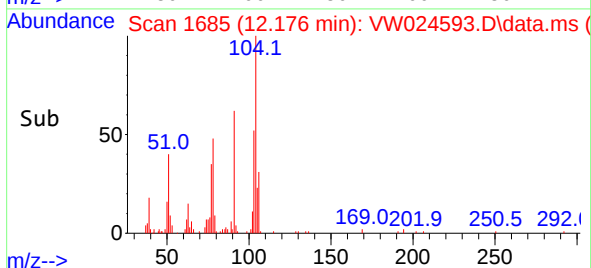
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

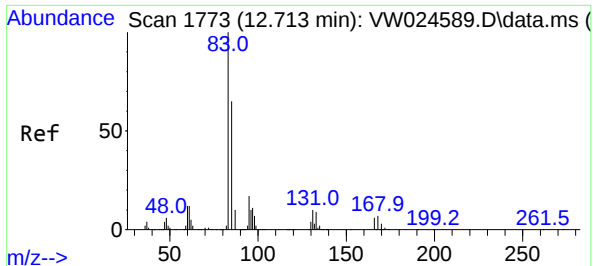


#55
Styrene
Concen: 0.738 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40



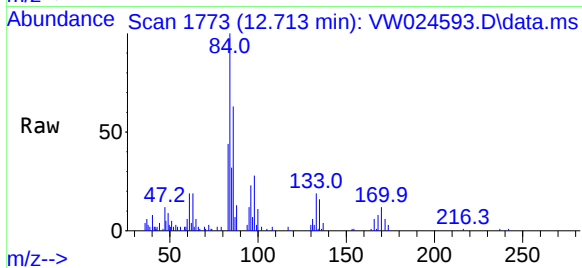
Tgt Ion:104 Resp: 9172
Ion Ratio Lower Upper
104 100
78 48.0 33.0 61.4





#57
1,1,2,2-Tetrachloroethane
Concen: 1.240 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

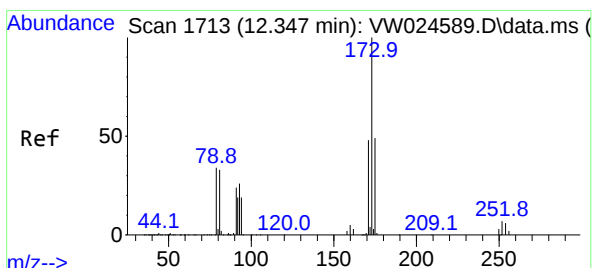
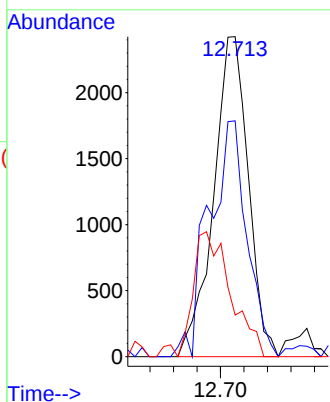
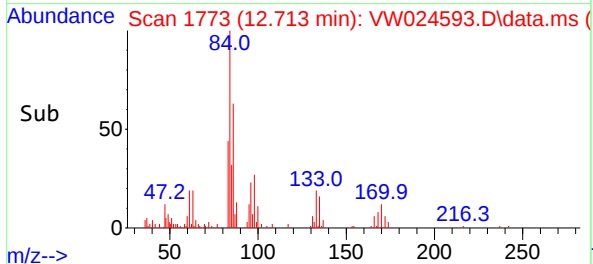
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2022-07



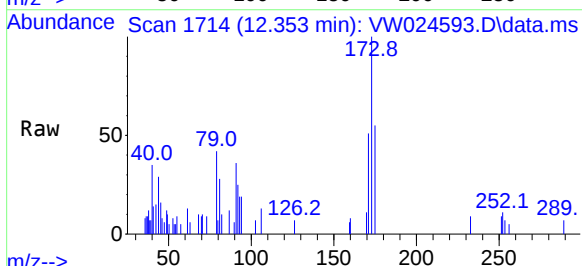
Tgt Ion: 83 Resp: 4972
Ion Ratio Lower Upper
83 100
85 73.7 45.6 84.8
131 13.0 9.0 13.4

Manual Integrations
APPROVED

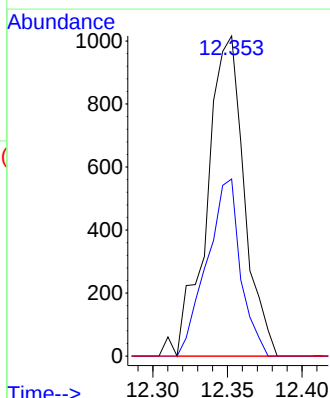
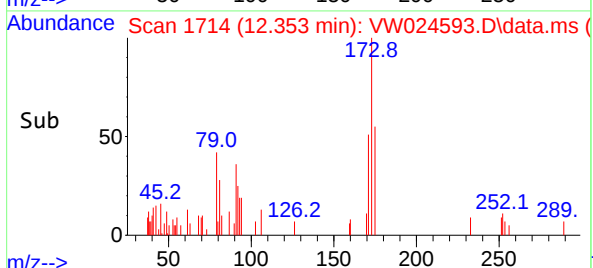
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

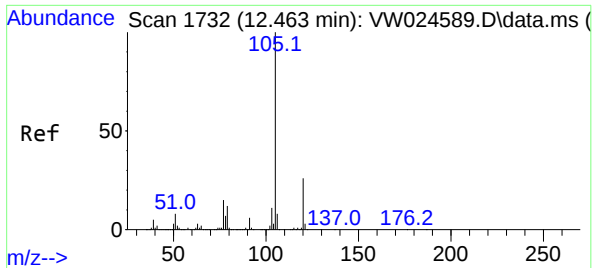


#59
Bromoform
Concen: 1.045 ug/L m
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40



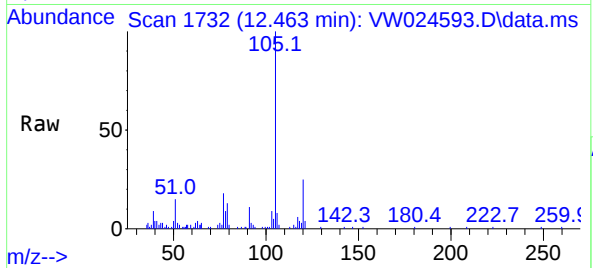
Tgt Ion:173 Resp: 1750
Ion Ratio Lower Upper
173 100
175 50.3 40.5 60.7
254 0.0 6.4 9.6#





#60
Isopropylbenzene
Concen: 0.941 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

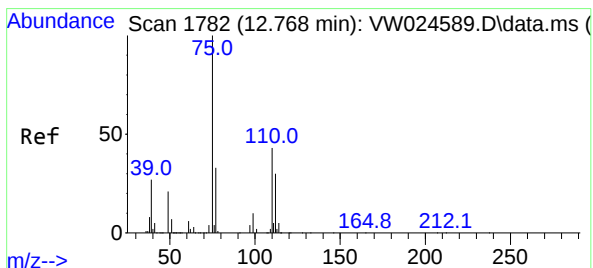
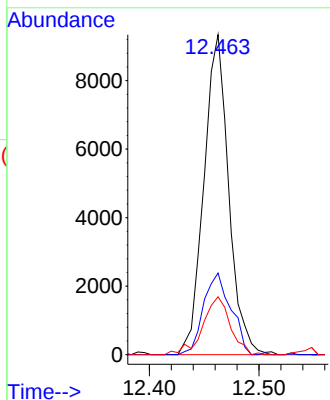
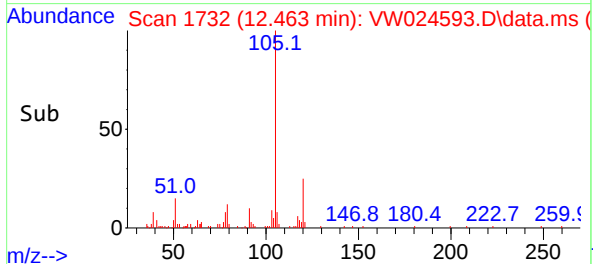
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-07



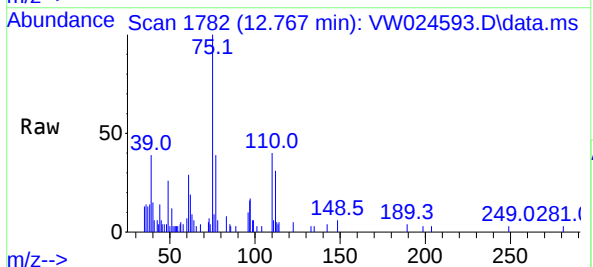
Tgt Ion:105 Resp: 14690
Ion Ratio Lower Upper
105 100
120 28.2 20.9 31.3
77 19.9 12.6 19.0

Manual Integrations
APPROVED

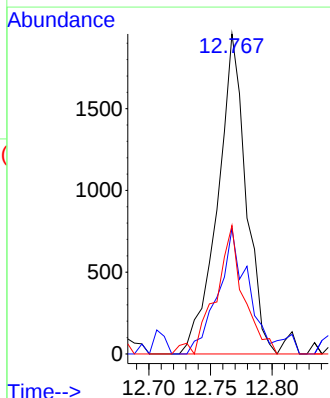
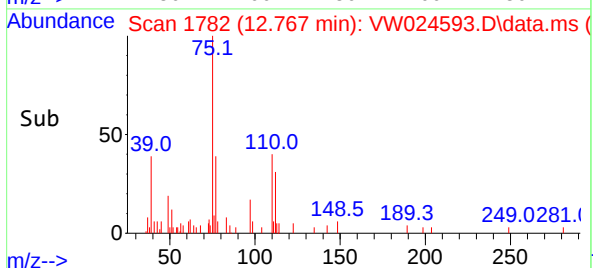
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

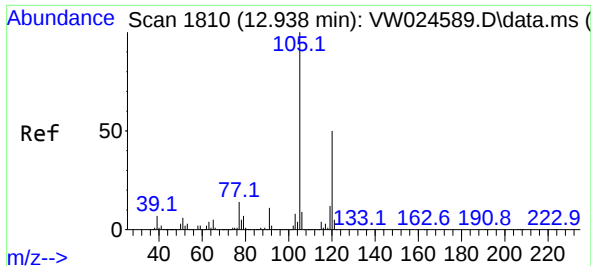


#61
1,2,3-Trichloropropane
Concen: 1.316 ug/L m
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40



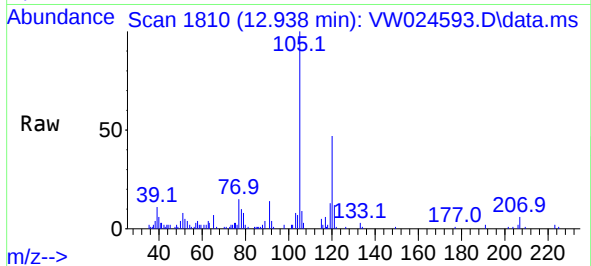
Tgt Ion: 75 Resp: 3137
Ion Ratio Lower Upper
75 100
77 1.5 26.8 40.2#
110 1.6 33.8 50.8#





#62
1,3,5-Trimethylbenzene
Concen: 0.827 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

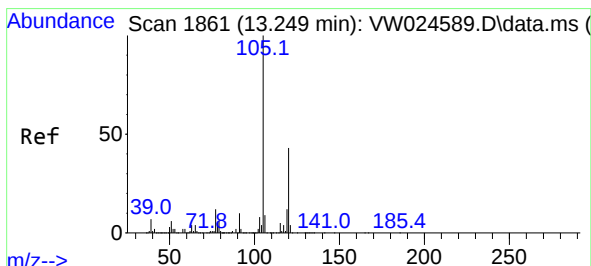
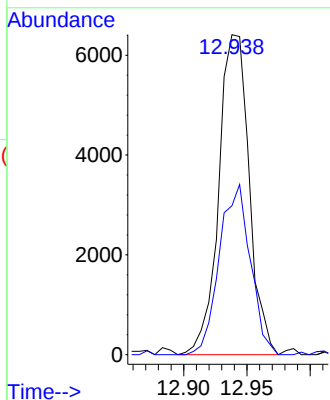
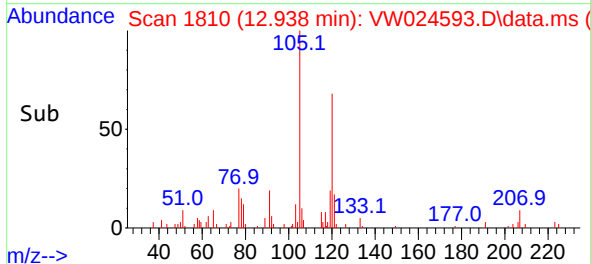
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-07



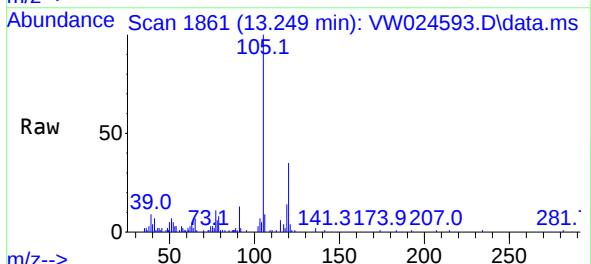
Tgt Ion:105 Resp: 10714
Ion Ratio Lower Upper
105 100
120 54.2 39.5 59.3

Manual Integrations APPROVED

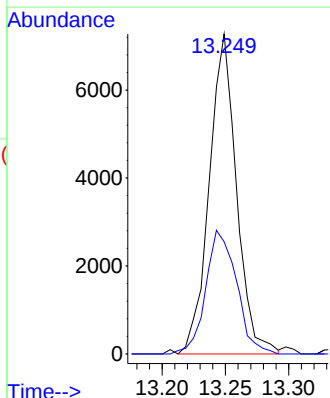
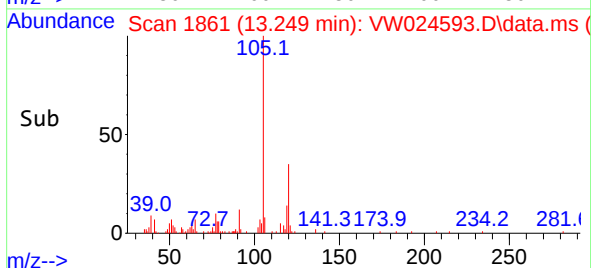
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

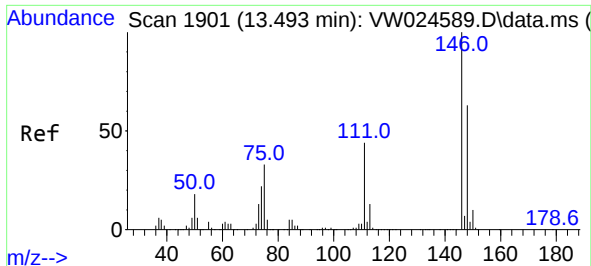


#63
1,2,4-Trimethylbenzene
Concen: 0.847 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40



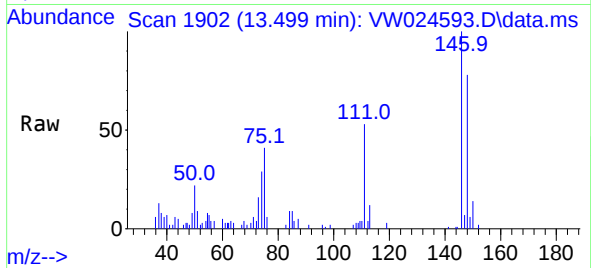
Tgt Ion:105 Resp: 10927
Ion Ratio Lower Upper
105 100
120 43.6 36.7 55.1





#64
1,3-Dichlorobenzene
Concen: 1.001 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

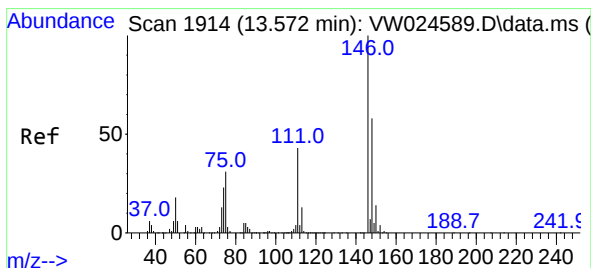
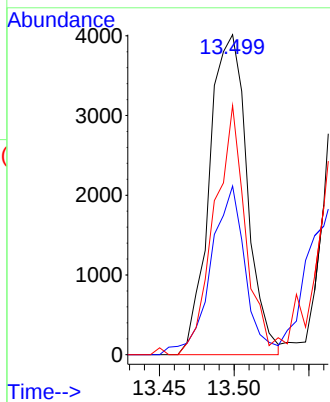
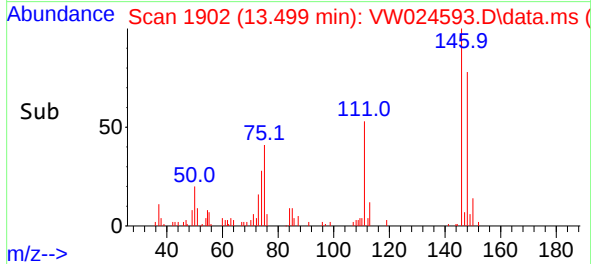
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-07



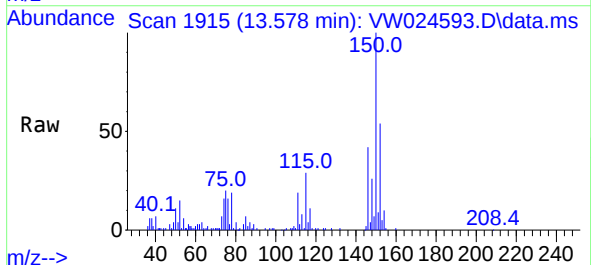
Tgt Ion:146 Resp: 7039
Ion Ratio Lower Upper
146 100
111 52.7 28.3 52.5
148 77.9 42.2 78.4

Manual Integrations
APPROVED

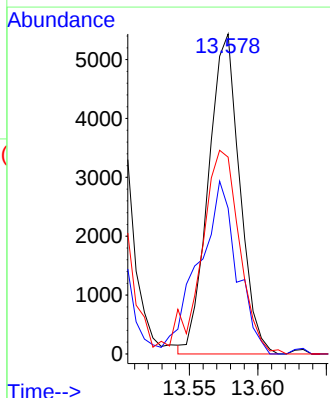
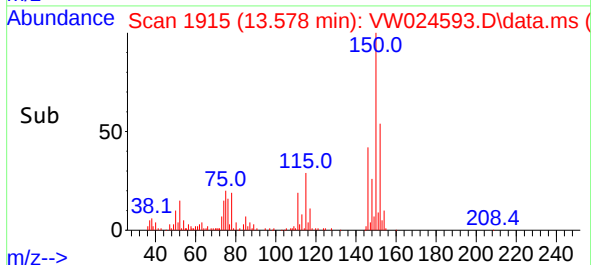
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

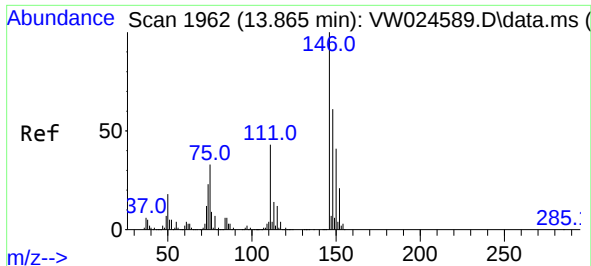


#65
1,4-Dichlorobenzene
Concen: 1.164 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40



Tgt Ion:146 Resp: 8624
Ion Ratio Lower Upper
146 100
111 45.6 29.3 54.3
148 61.5 45.9 85.3





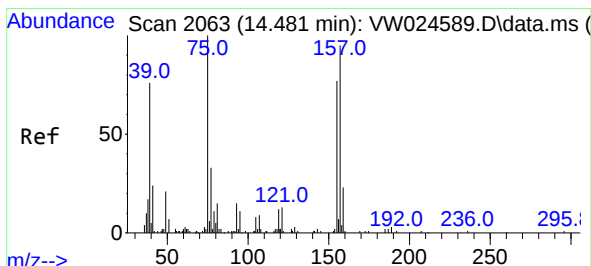
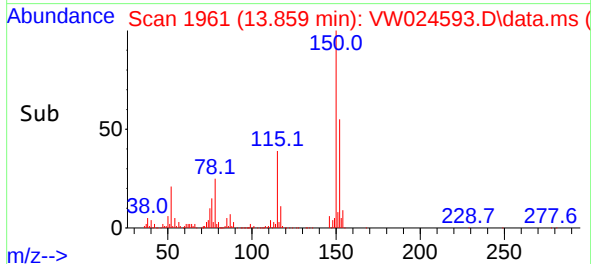
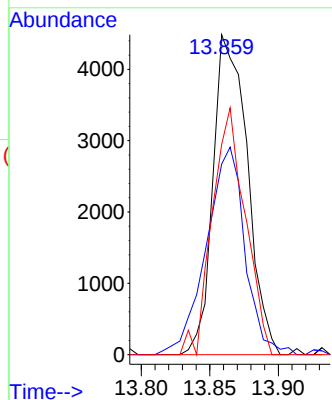
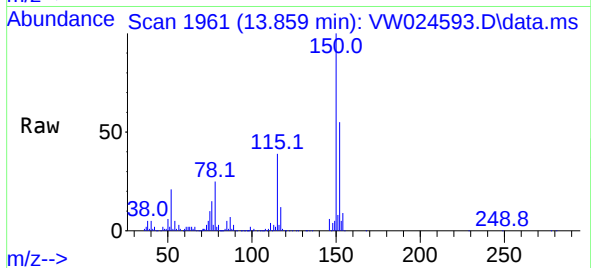
#67
1,2-Dichlorobenzene
Concen: 1.191 ug/L
RT: 13.859 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2022-07

Tgt Ion:	146	Resp:	781
Ion Ratio	Lower	Upper	
146	100		
111	59.5	32.2	48.4
148	65.6	48.3	72.5

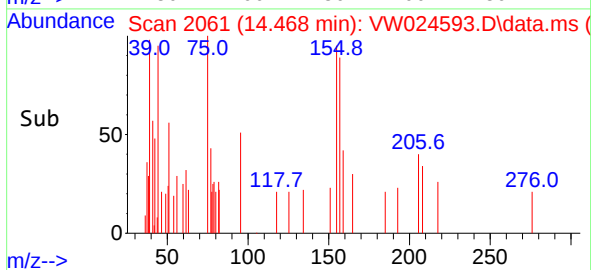
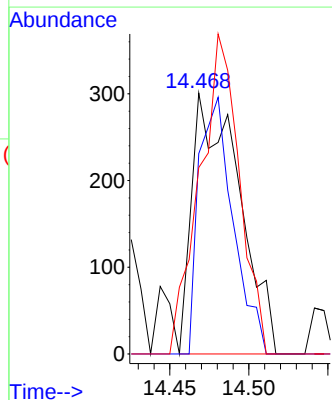
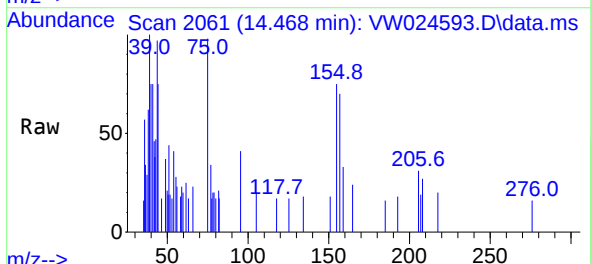
Manual Integrations
APPROVED

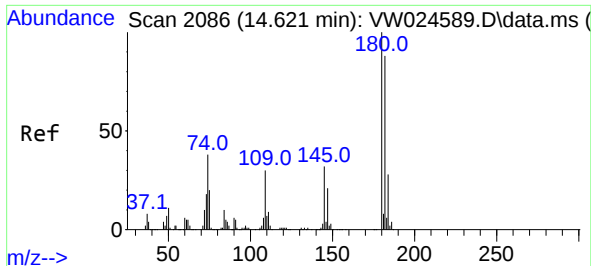
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#68
1,2-Dibromo-3-chloropropane
Concen: 1.106 ug/L m
RT: 14.468 min Scan# 2061
Delta R.T. -0.012 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

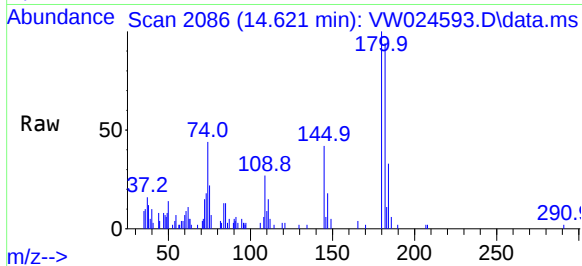
Tgt Ion:	75	Resp:	624
Ion Ratio	Lower	Upper	
75	100		
155	76.7	66.3	99.5
157	71.4	77.6	116.4





#69
1,3,5-Trichlorobenzene
Concen: 0.994 ug/L m
RT: 14.621 min Scan# 2086
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

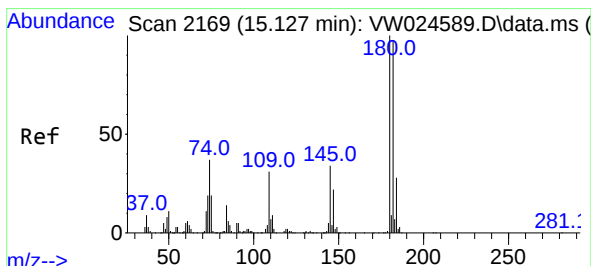
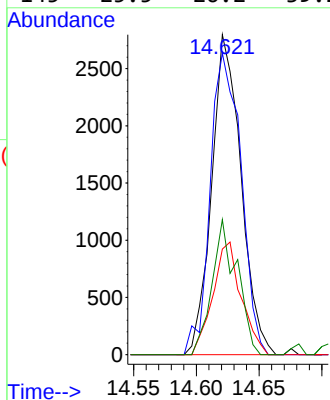
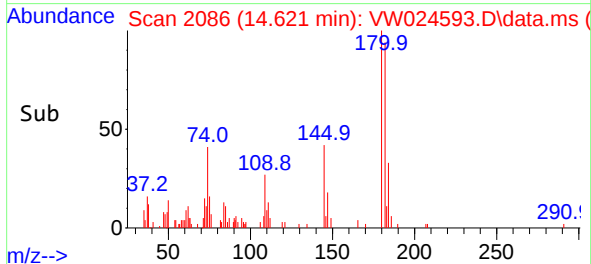
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-07



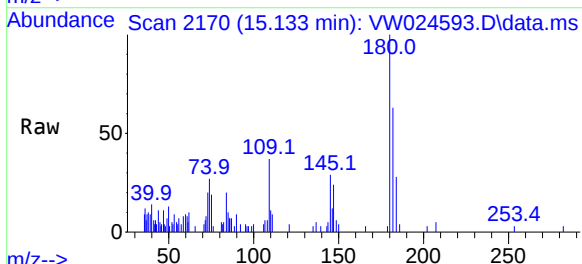
Tgt Ion:180	Resp:	453
Ion Ratio	Lower	Upper
180	100	
182	67.4	72.4 108.6
184	20.0	22.8 34.2
145	25.5	26.2 39.2

Manual Integrations
APPROVED

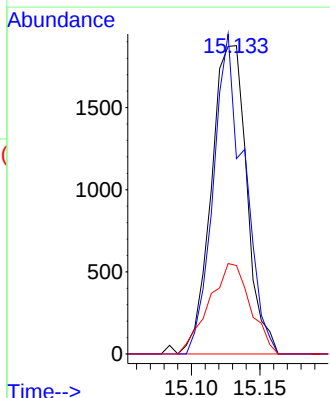
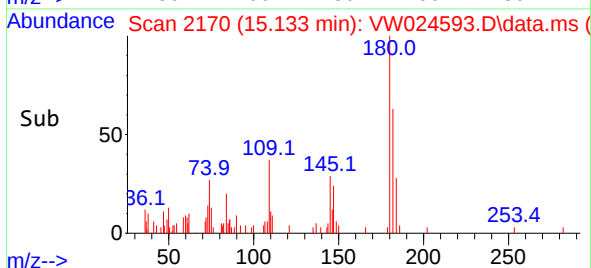
Reviewed By :Semsettin Yesilyurt 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

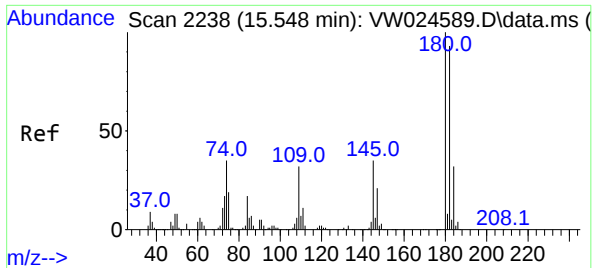


#70
1,2,4-trichlorobenzene
Concen: 0.932 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40



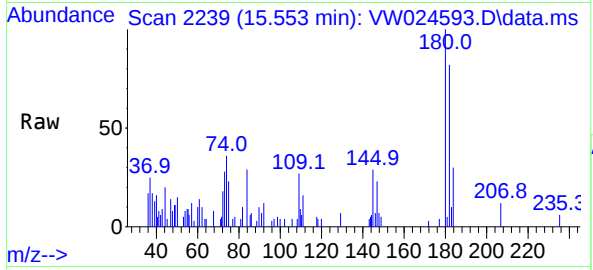
Tgt Ion:180	Resp:	3378
Ion Ratio	Lower	Upper
180	100	
182	90.5	73.8 110.6
145	34.2	26.6 39.8





1,2,3-Trichlorobenzene
 Concen: 0.857 ug/L
 RT: 15.553 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW024593.D
 Acq: 09 Sep 2022 10:40

Instrument : MSVOA_W
 ClientSampleId : MDL-SOIL-QT4-2022-07



Tgt Ion:180 Resp: 288

Ion	Ratio	Lower	Upper
180	100		
182	87.8	78.7	118.1
145	36.8	28.1	42.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022

