

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071423\
 Data File : VW026613.D
 Acq On : 14 Jul 2023 11:01
 Operator : SY/MD
 Sample : 03573-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2023-05

Quant Time: Jul 15 05:11:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 15 05:08:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	602946	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	546161	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	260146	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	172254	16.937	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.760%
7) Chloroethane-d5	2.893	69	131236	18.389	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.560%
11) 1,1-Dichloroethene-d2	4.021	65	85963	17.998	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.000%
21) 2-Butanone-d5	7.075	46	148494	45.177	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.360%
24) Chloroform-d	7.648	84	350890	20.214	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.840%
26) 1,2-Dichloroethane-d4	8.307	65	207412	21.399	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	8.276	84	725490	19.350	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	9.270	67	235253	20.406	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.640%
41) Toluene-d8	10.325	98	613205	19.069	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.280%
43) trans-1,3-Dichloroprop...	10.575	79	90532	19.596	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.400%
47) 2-Hexanone-d5	10.922	63	99173	44.086	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	209972	21.508	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.040%
66) 1,2-Dichlorobenzene-d4	13.849	152	207401	21.714	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	5835m	0.858	ug/L	
3) Chloromethane	2.216	50	9539	0.982	ug/L	94
5) Vinyl chloride	2.381	62	10862m	1.061	ug/L	
6) Bromomethane	2.790	94	5779m	1.061	ug/L	
8) Chloroethane	2.930	64	6219	1.086	ug/L	94
9) Trichlorofluoromethane	3.259	101	6704m	0.884	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	10720m	1.273	ug/L	
12) 1,1-Dichloroethene	4.045	96	8526	1.056	ug/L	# 1
13) Acetone	4.131	43	7986m	3.378	ug/L	
14) Carbon disulfide	4.387	76	26369	0.931	ug/L	100
15) Methyl Acetate	4.673	43	6988m	1.230	ug/L	
17) trans-1,2-Dichloroethene	5.429	96	8010	0.927	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	12608m	0.933	ug/L	
19) 1,1-Dichloroethane	6.216	63	16579	0.960	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	8347	0.933	ug/L	75
22) 2-Butanone	7.167	43	13097m	3.638	ug/L	
23) Bromochloromethane	7.514	128	3657	0.955	ug/L	89
25) Chloroform	7.679	83	15637	0.988	ug/L	90
27) 1,2-Dichloroethane	8.404	62	11353	1.019	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071423\
 Data File : VW026613.D
 Acq On : 14 Jul 2023 11:01
 Operator : SY/MD
 Sample : 03573-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2023-05

Quant Time: Jul 15 05:11:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 15 05:08:34 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	13245	0.779	ug/L #	71
30) 1,1,1-Trichloroethane	7.880	97	11931	0.891	ug/L #	82
31) Carbon tetrachloride	8.069	117	11238	0.925	ug/L	97
33) Benzene	8.325	78	35316	0.938	ug/L	100
34) Trichloroethene	9.093	95	9163	0.948	ug/L	94
35) Methylcyclohexane	9.331	83	14009	0.807	ug/L	94
37) 1,2-Dichloropropane	9.368	63	9418	0.942	ug/L #	97
38) Bromodichloromethane	9.648	83	11333	0.998	ug/L #	97
39) cis-1,3-Dichloropropene	10.075	75	12339m	0.858	ug/L	
40) 4-Methyl-2-pentanone	10.209	43	13129	1.741	ug/L	98
42) Toluene	10.386	91	35781	0.942	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	11837m	0.975	ug/L	
45) 1,1,2-Trichloroethane	10.788	97	6967	0.999	ug/L	95
48) 2-Hexanone	10.971	43	11103	2.109	ug/L	97
49) Dibromochloromethane	11.123	129	6801	0.985	ug/L	88
50) 1,2-Dibromoethane	11.233	107	6177	0.939	ug/L #	92
51) Chlorobenzene	11.654	112	22109	0.949	ug/L	96
52) Ethylbenzene	11.727	91	36053	0.852	ug/L	97
53) m,p-Xylene	11.837	106	12359	0.803	ug/L	88
54) o-Xylene	12.166	106	10671	0.739	ug/L	97
55) Styrene	12.178	104	17984	0.738	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	9580	1.047	ug/L	99
59) Bromoform	12.343	173	3787	0.920	ug/L #	98
60) Isopropylbenzene	12.465	105	28786	0.715	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	6859	0.976	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.940	105	22289	0.722	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	20769	0.679	ug/L	99
64) 1,3-Dichlorobenzene	13.501	146	15207	0.900	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	16670	0.990	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	14548	0.973	ug/L #	83
68) 1,2-Dibromo-3-chloropr...	14.483	75	2108	1.260	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	10669	0.955	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	8294	0.904	ug/L	92
71) Naphthalene	15.360	128	15744	0.758	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	7979	0.924	ug/L	96

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

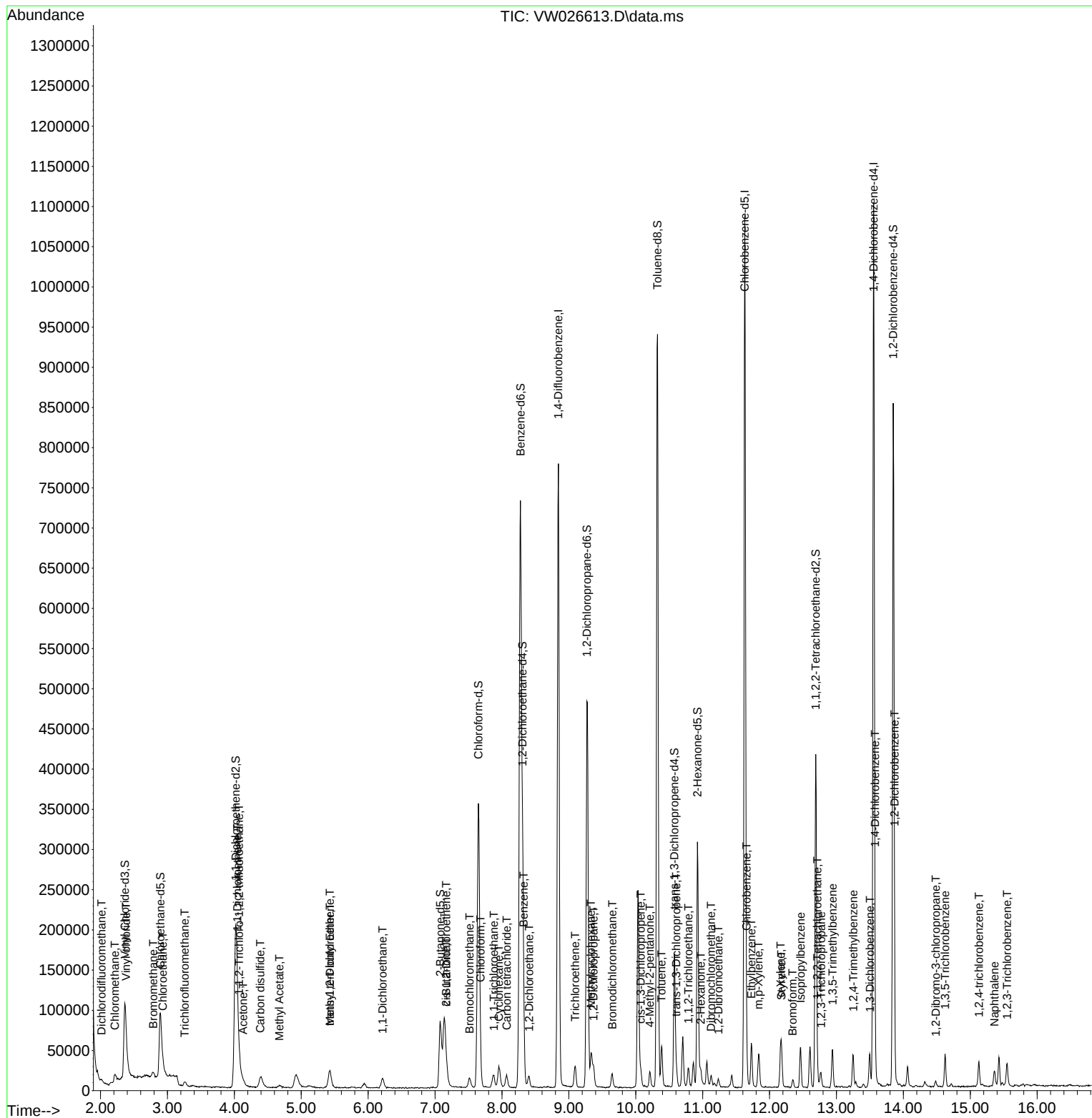
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071423\
 Data File : VW026613.D
 Acq On : 14 Jul 2023 11:01
 Operator : SY/MD
 Sample : 03573-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

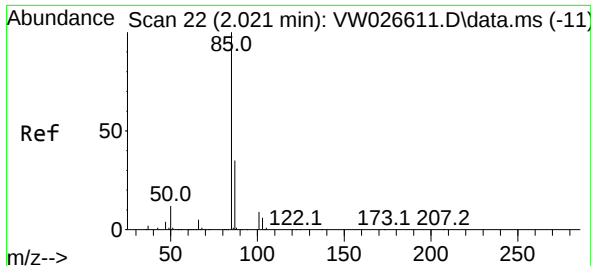
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2023-05

Quant Time: Jul 15 05:11:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 15 05:08:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

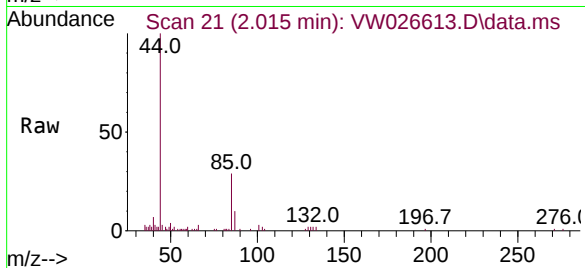
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023





#2
Dichlorodifluoromethane
Concen: 0.858 ug/L m
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

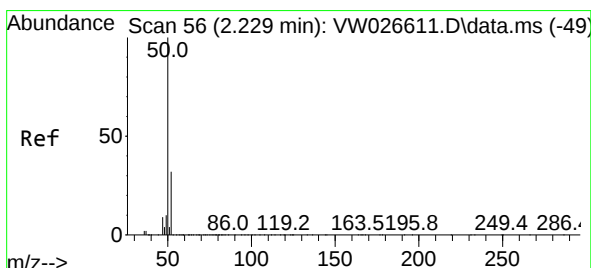
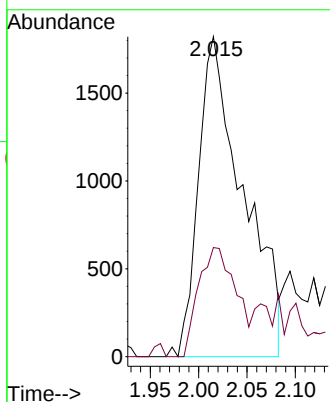
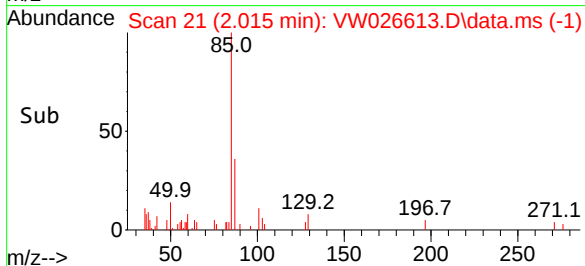
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05



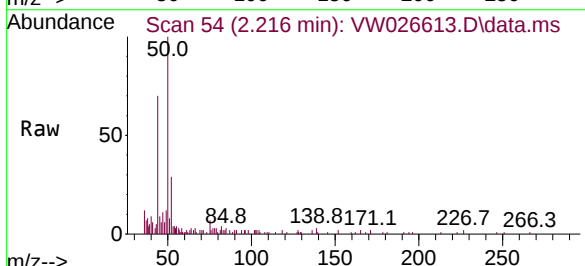
Tgt Ion: 85 Resp: 583
Ion Ratio Lower Upper
85 100
87 28.6 21.4 32.0

Manual Integrations
APPROVED

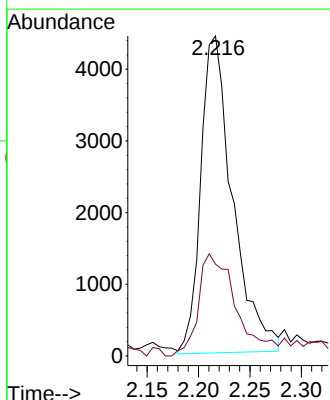
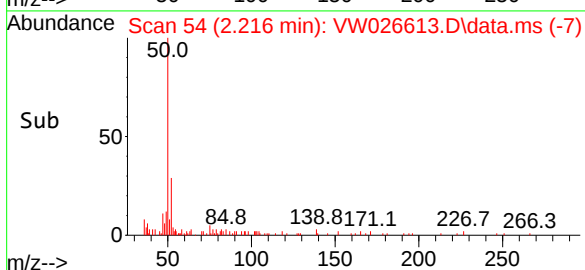
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

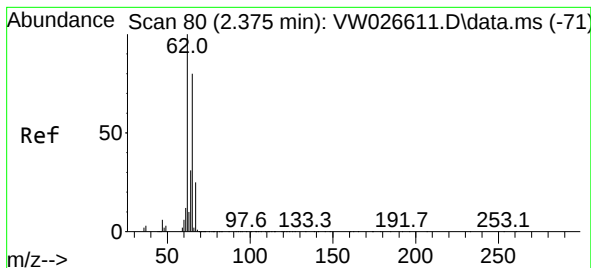


#3
Chloromethane
Concen: 0.982 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.012 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01



Tgt Ion: 50 Resp: 9539
Ion Ratio Lower Upper
50 100
52 28.7 22.5 41.7





#5

Vinyl chloride

Concen: 1.061 ug/L m

RT: 2.381 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW026613.D

Acq: 14 Jul 2023 11:01

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT3-2023-05

Tgt Ion: 62 Resp: 1086

Ion Ratio Lower Upper

62 100

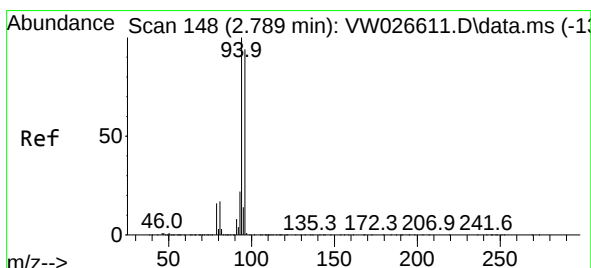
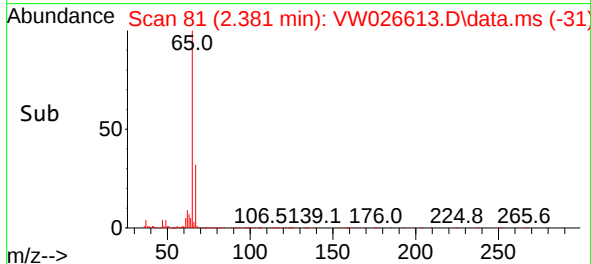
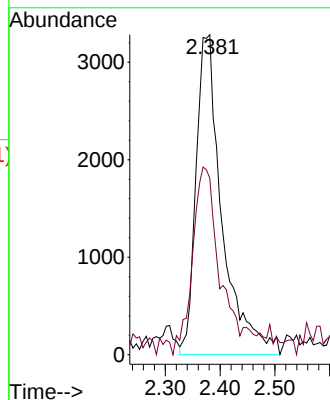
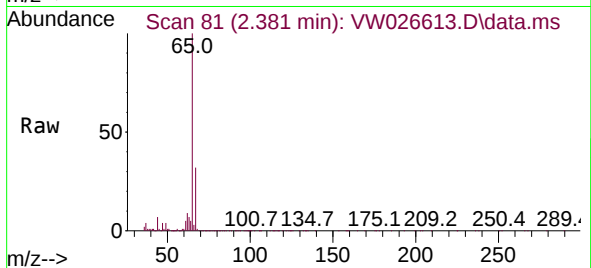
64 55.2 24.2 45.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#6

Bromomethane

Concen: 1.061 ug/L m

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW026613.D

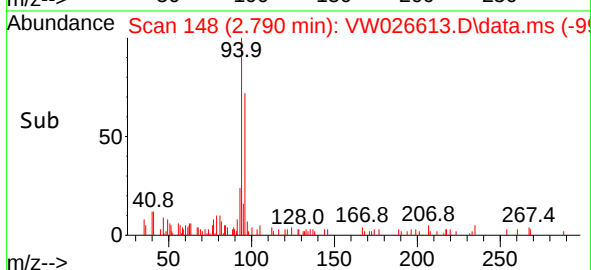
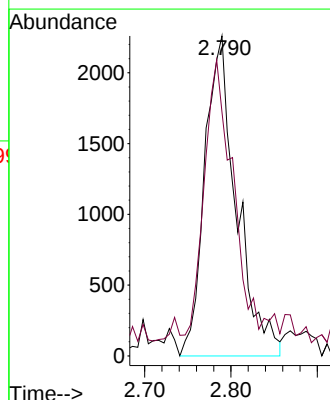
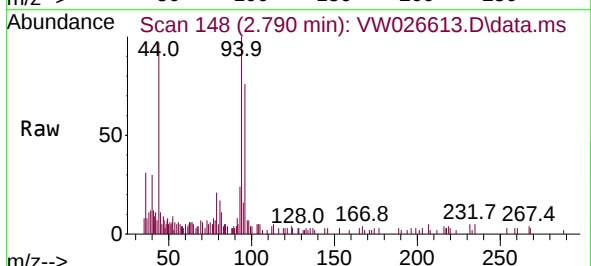
Acq: 14 Jul 2023 11:01

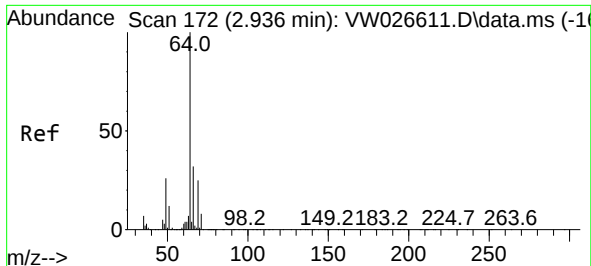
Tgt Ion: 94 Resp: 5779

Ion Ratio Lower Upper

94 100

96 76.2 64.5 119.9





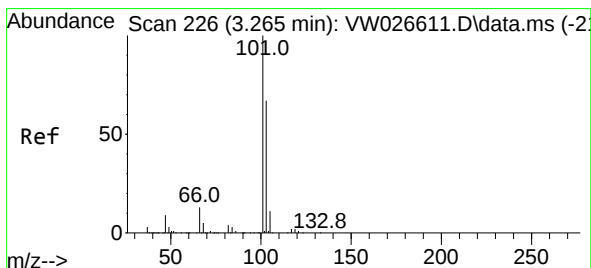
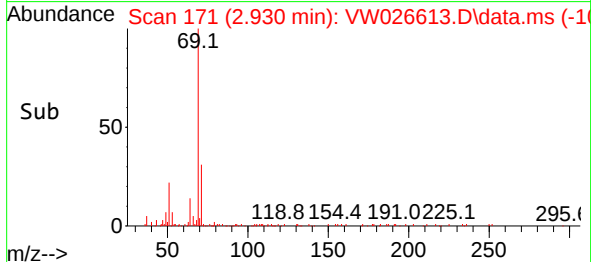
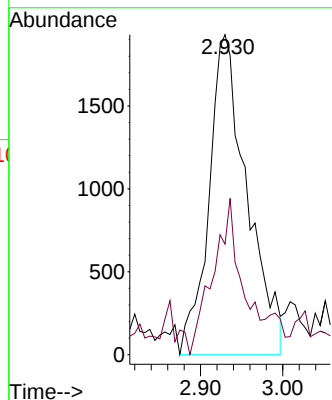
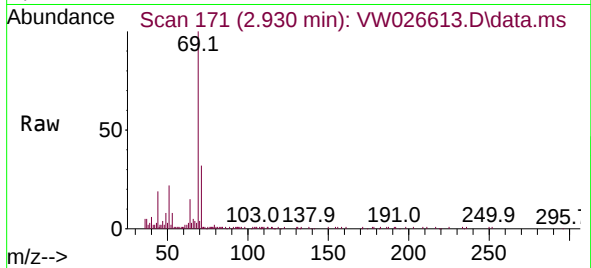
#8
Chloroethane
Concen: 1.086 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05

Tgt Ion: 64 Resp: 6219
Ion Ratio Lower Upper
64 100
66 34.6 21.7 40.3

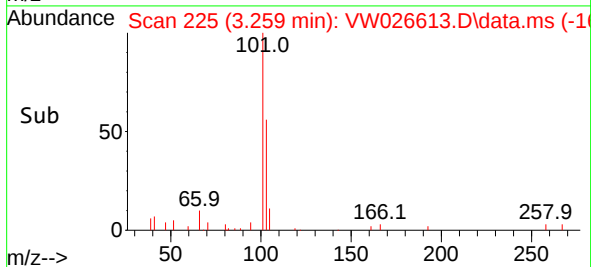
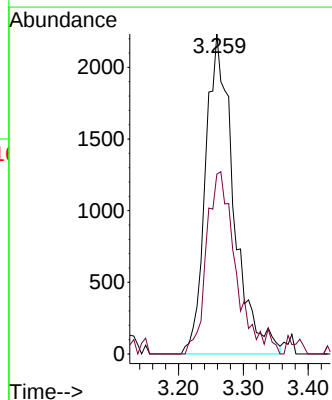
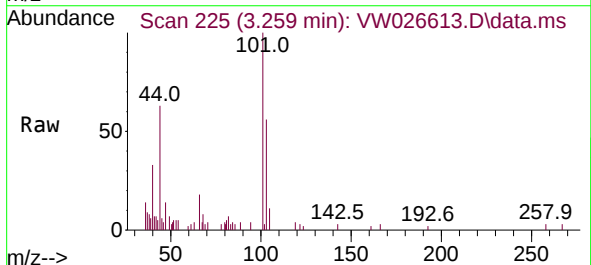
Manual Integrations
APPROVED

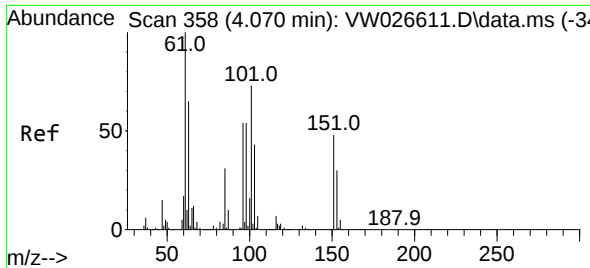
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#9
Trichlorofluoromethane
Concen: 0.884 ug/L m
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Tgt Ion:101 Resp: 6704
Ion Ratio Lower Upper
101 100
103 1.1 50.3 75.5#





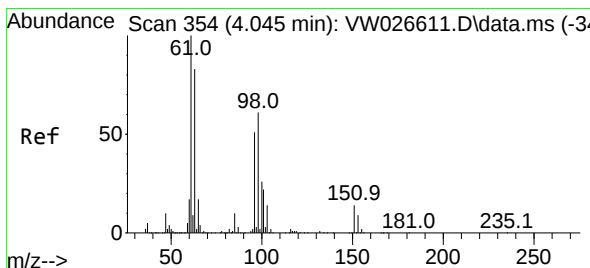
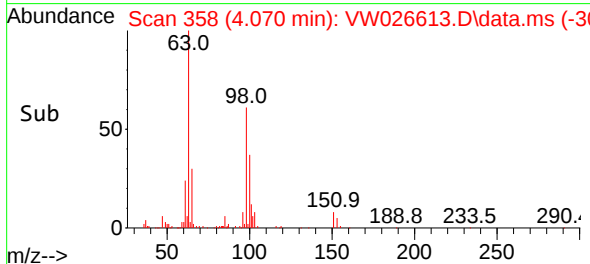
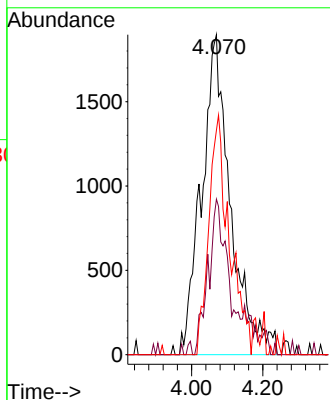
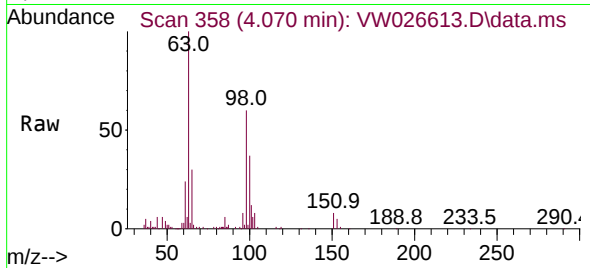
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.273 ug/L m
RT: 4.070 min Scan# 358
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05

Tgt Ion: 101 Resp: 10720
Ion Ratio Lower Upper
101 100
85 15.6 36.1 54.1
151 36.6 55.9 83.9

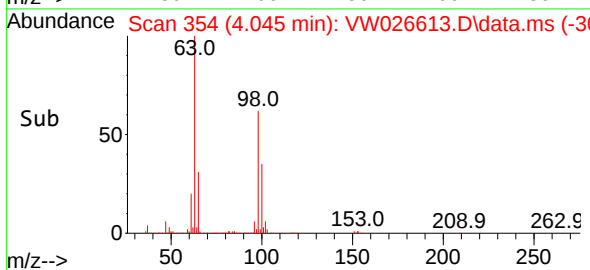
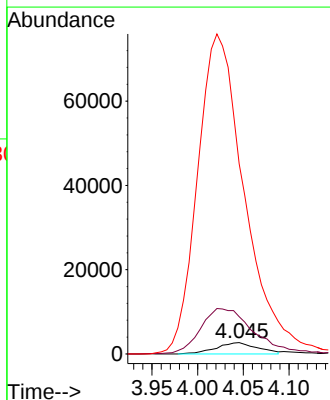
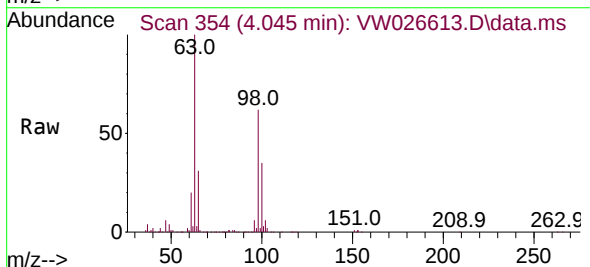
Manual Integrations
APPROVED

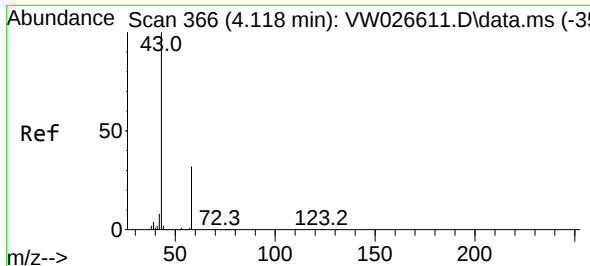
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#12
1,1-Dichloroethene
Concen: 1.056 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

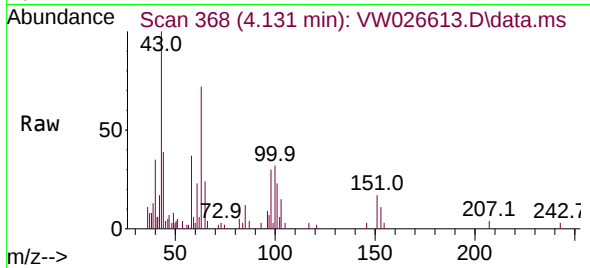
Tgt Ion: 96 Resp: 8526
Ion Ratio Lower Upper
96 100
61 329.7 140.8 261.4#
63 1683.2 127.7 237.3#





#13
Acetone
Concen: 3.378 ug/L m
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

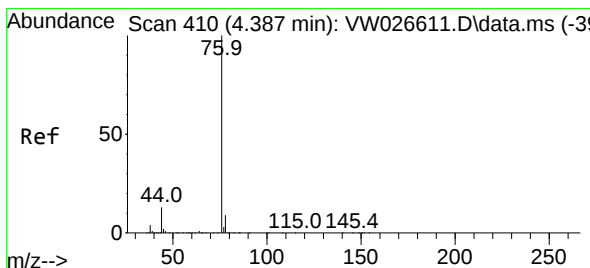
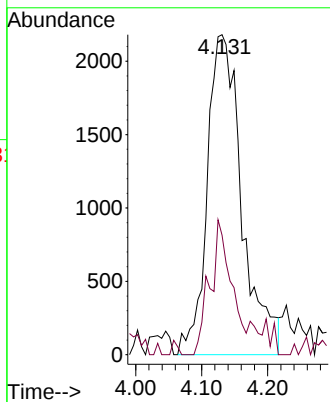
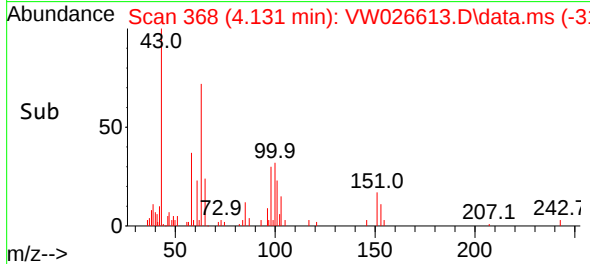
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion: 43 Resp: 7980
Ion Ratio Lower Upper
43 100
58 16.5 0.0 63.2

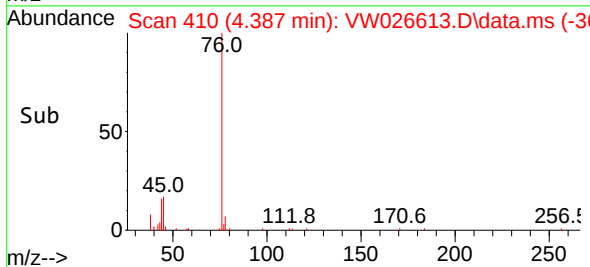
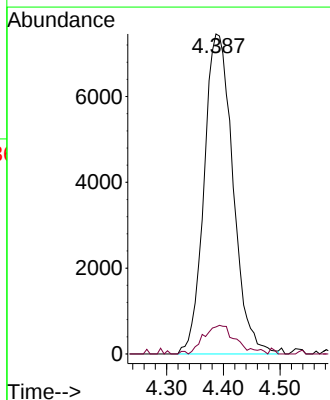
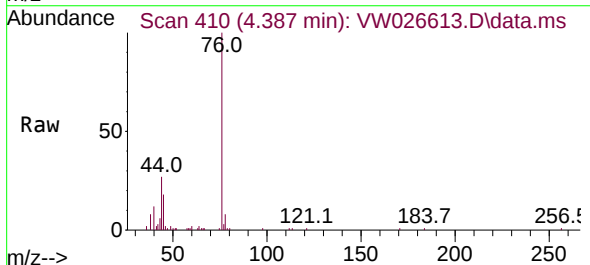
Manual Integrations
APPROVED

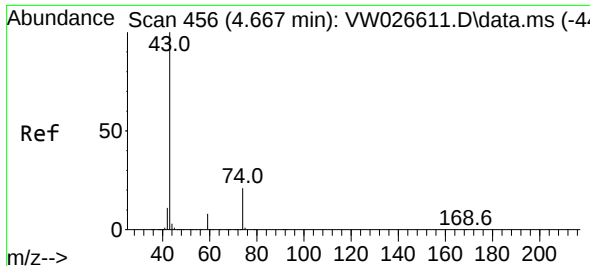
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#14
Carbon disulfide
Concen: 0.931 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

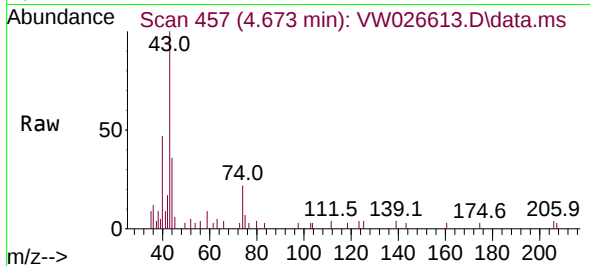
Tgt Ion: 76 Resp: 26369
Ion Ratio Lower Upper
76 100
78 8.4 6.9 10.3





#15
Methyl Acetate
Concen: 1.230 ug/L m
RT: 4.673 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

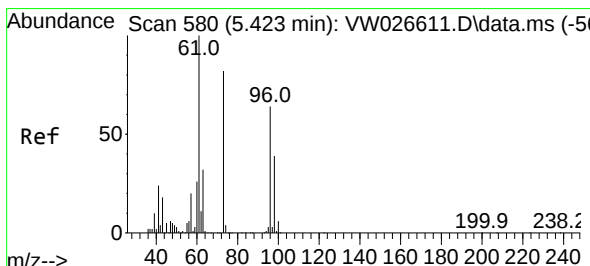
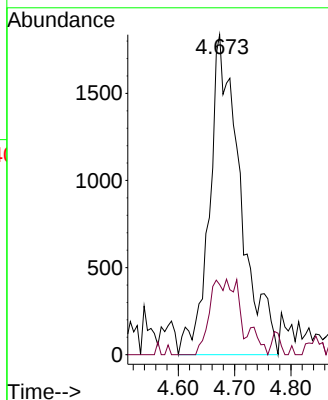
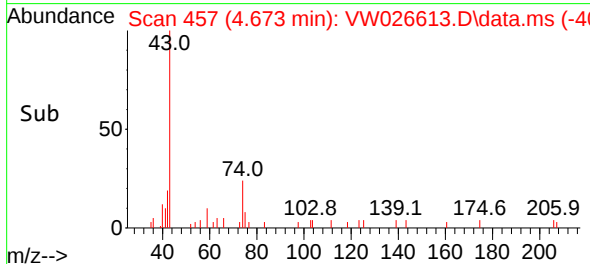
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion: 43 Resp: 698
Ion Ratio Lower Upper
43 100
74 11.0 16.3 24.5

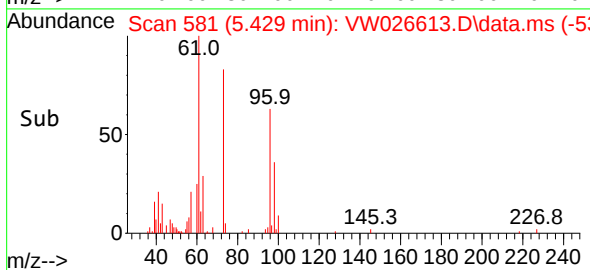
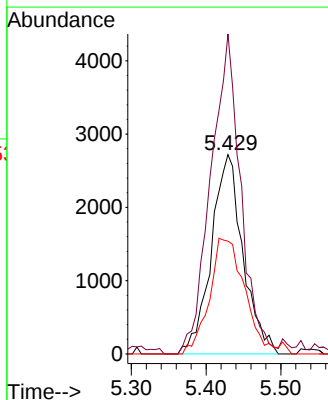
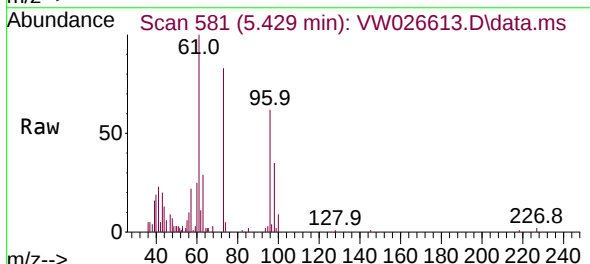
Manual Integrations
APPROVED

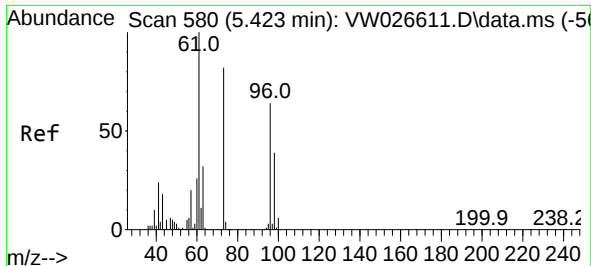
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#17
trans-1,2-Dichloroethene
Concen: 0.927 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

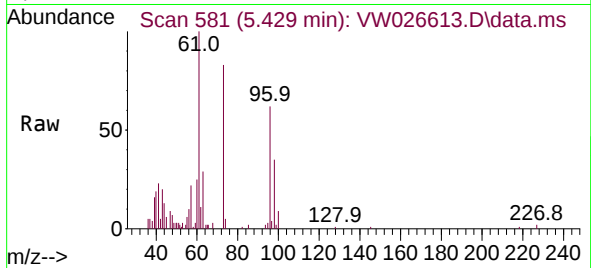
Tgt Ion: 96 Resp: 8010
Ion Ratio Lower Upper
96 100
61 151.3 108.1 200.9
98 53.3 43.4 80.6





#18
Methyl tert-butyl Ether
Concen: 0.933 ug/L m
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

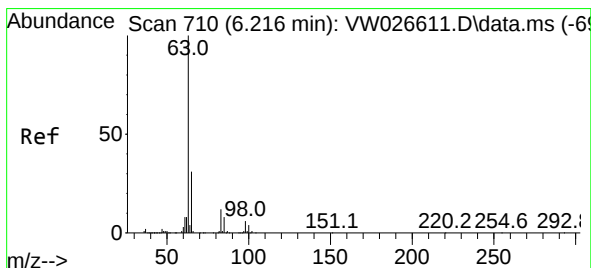
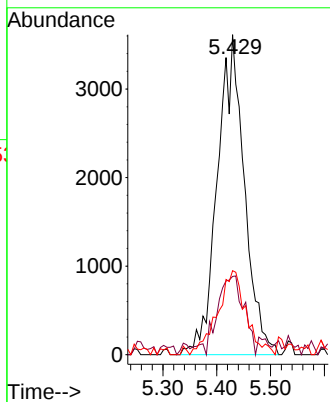
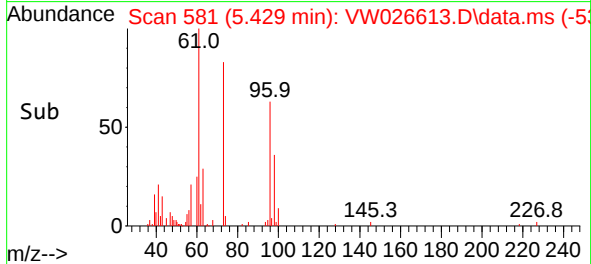
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion: 73 Resp: 12608
Ion Ratio Lower Upper
73 100
43 17.1 17.4 26.2
57 26.7 19.3 28.9

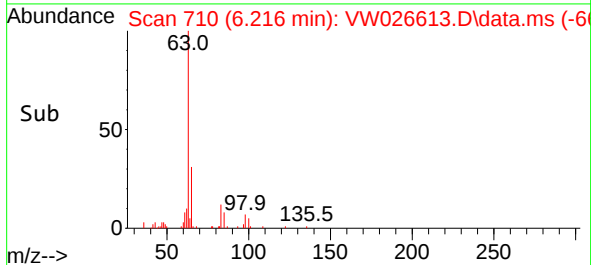
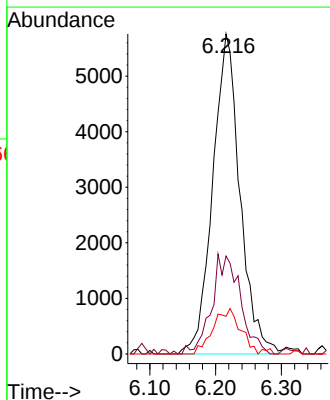
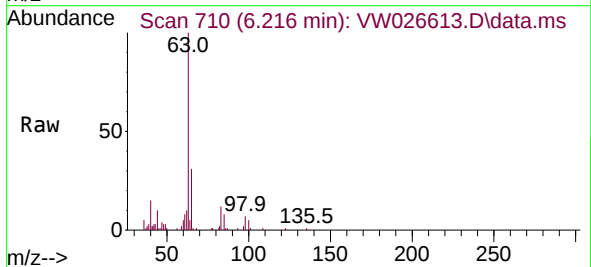
Manual Integrations
APPROVED

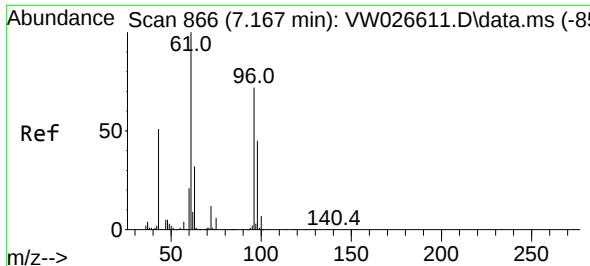
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#19
1,1-Dichloroethane
Concen: 0.960 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

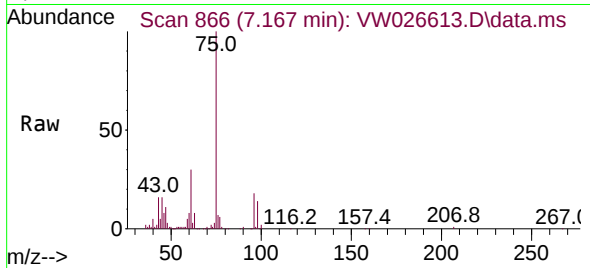
Tgt Ion: 63 Resp: 16579
Ion Ratio Lower Upper
63 100
65 30.6 22.3 41.5
83 11.8 8.8 16.4





#20
 cis-1,2-Dichloroethene
 Concen: 0.933 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VW026613.D
 Acq: 14 Jul 2023 11:01

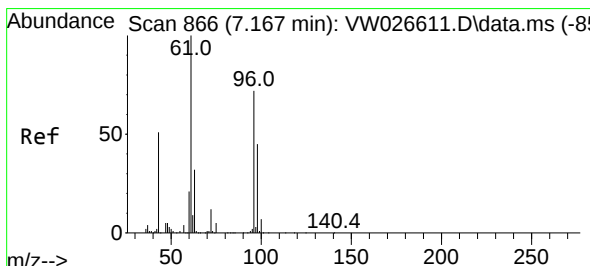
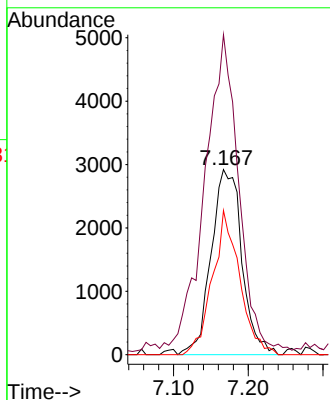
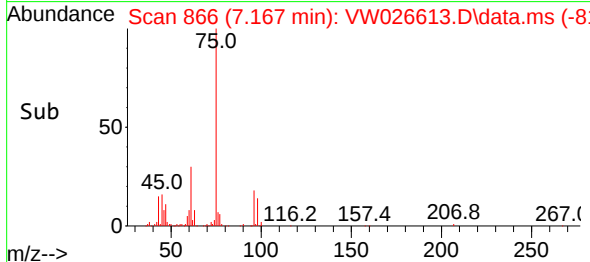
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2023-05



Tgt Ion: 96 Resp: 834
 Ion Ratio Lower Upper
 96 100
 61 172.8 98.8 183.6
 98 77.8 42.4 78.6

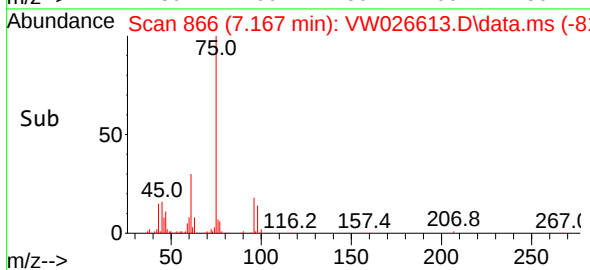
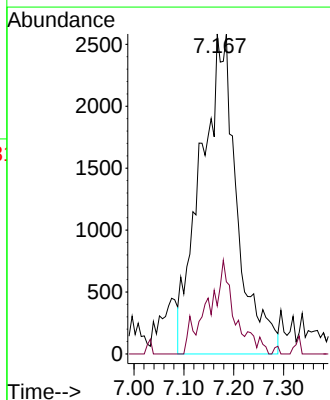
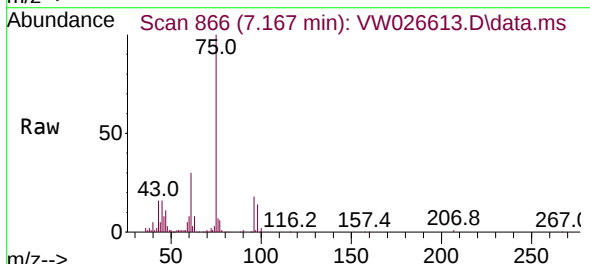
Manual Integrations
 APPROVED

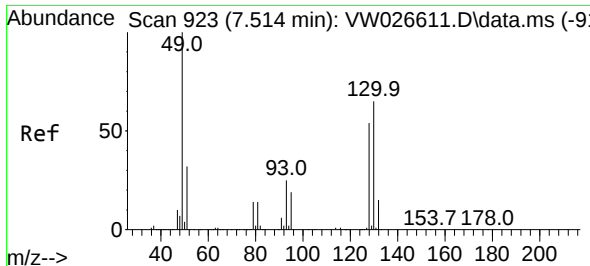
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#22
 2-Butanone
 Concen: 3.638 ug/L m
 RT: 7.167 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VW026613.D
 Acq: 14 Jul 2023 11:01

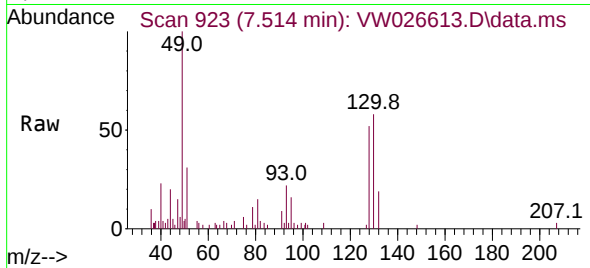
Tgt Ion: 43 Resp: 13097
 Ion Ratio Lower Upper
 43 100
 72 2.2 11.9 35.5#





#23
Bromochloromethane
Concen: 0.955 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

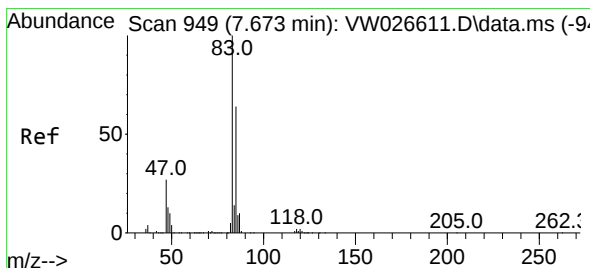
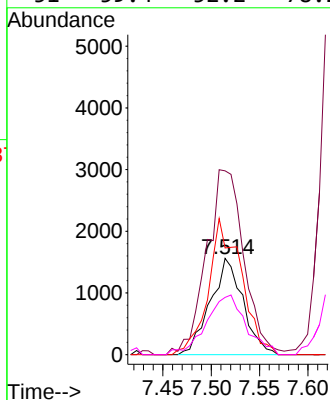
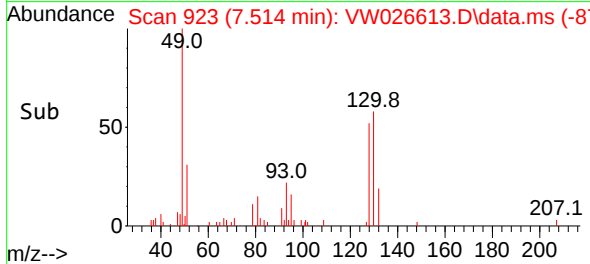
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion: 128 Resp: 365
Ion Ratio Lower Upper
128 100
49 191.0 142.1 263.9
130 110.8 92.9 172.5
51 59.4 52.2 78.2

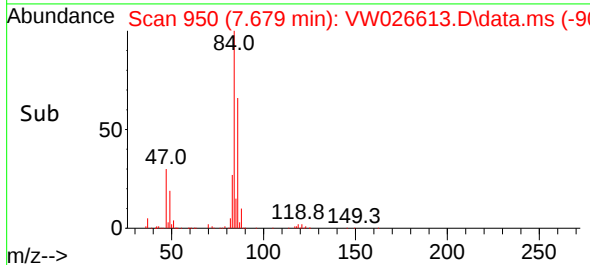
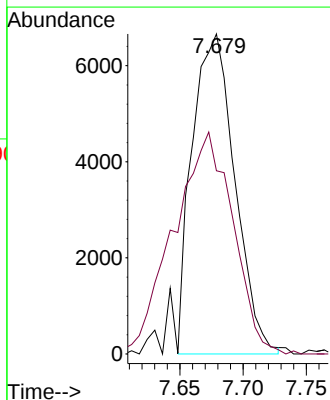
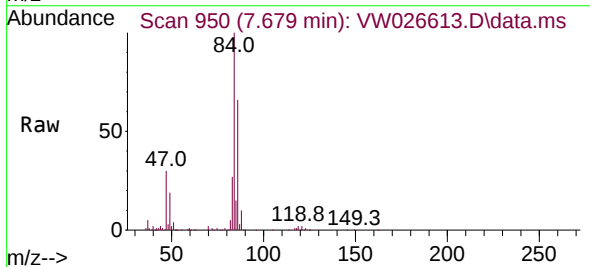
Manual Integrations
APPROVED

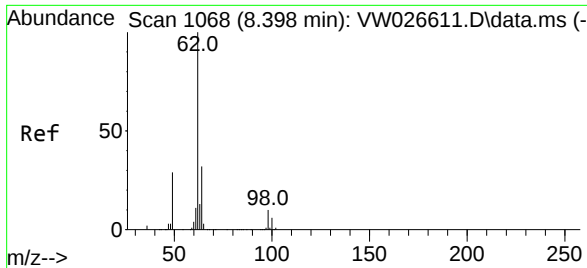
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#25
Chloroform
Concen: 0.988 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Tgt Ion: 83 Resp: 15637
Ion Ratio Lower Upper
83 100
85 57.3 45.7 84.9





#27

1,2-Dichloroethane

Concen: 1.019 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW026613.D

Acq: 14 Jul 2023 11:01

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT3-2023-05

Tgt Ion: 62 Resp: 1135

Ion Ratio Lower Upper

62 100

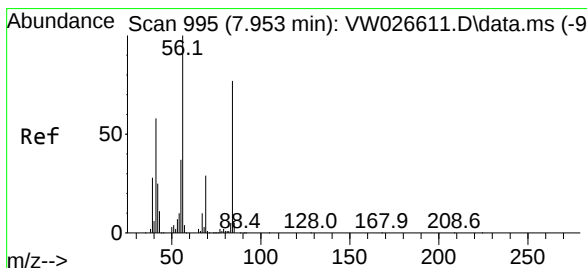
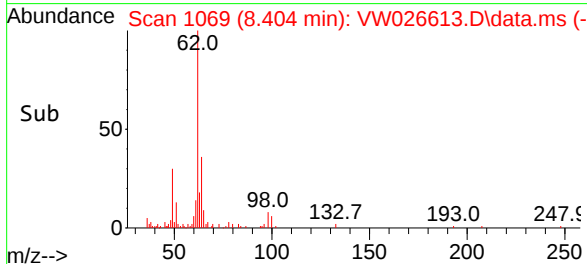
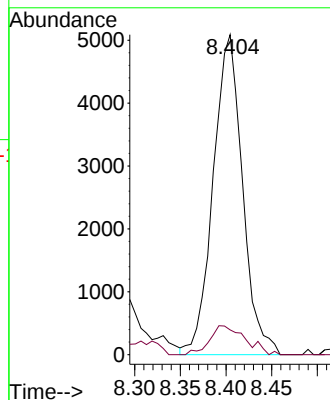
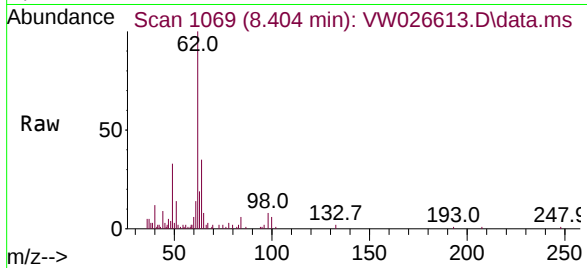
98 7.7 6.7 10.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#29

Cyclohexane

Concen: 0.779 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW026613.D

Acq: 14 Jul 2023 11:01

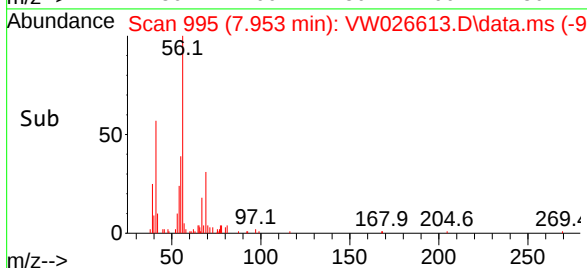
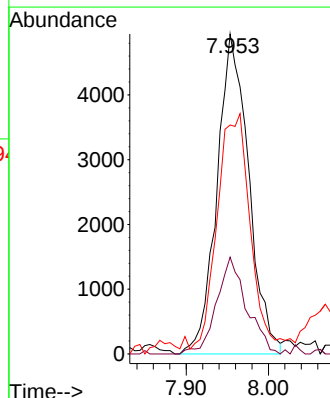
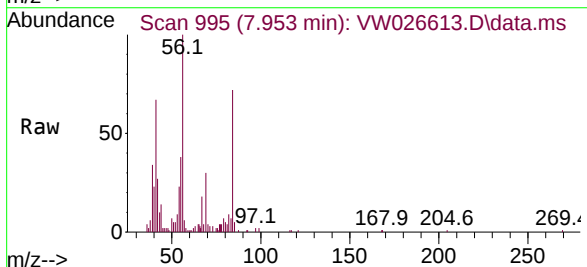
Tgt Ion: 56 Resp: 13245

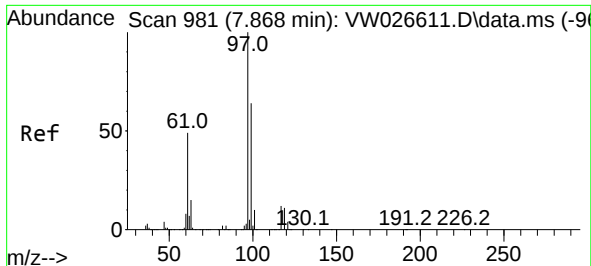
Ion Ratio Lower Upper

56 100

69 28.1 23.4 35.0

84 44.8 62.6 94.0#





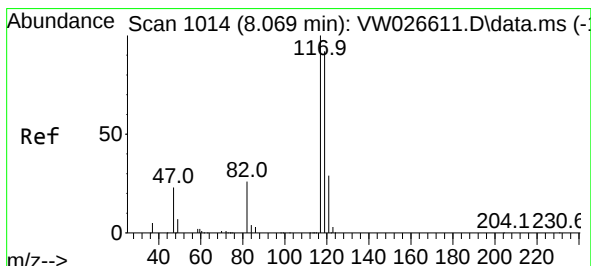
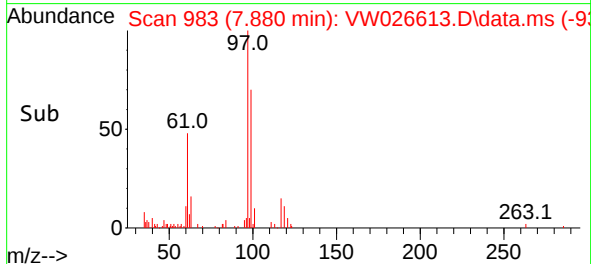
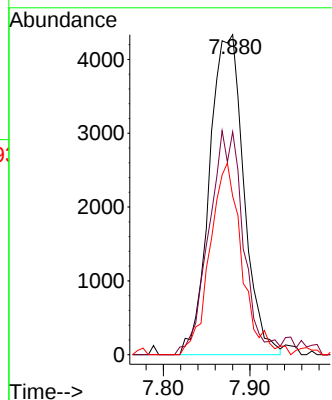
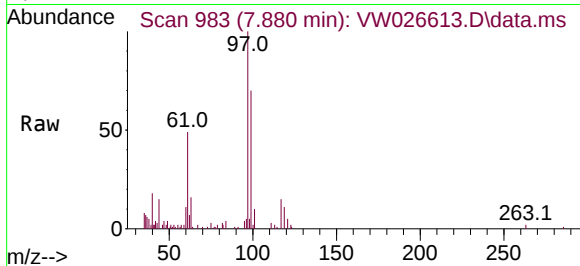
#30
1,1,1-Trichloroethane
Concen: 0.891 ug/L
RT: 7.880 min Scan# 981
Delta R.T. 0.012 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05

Tgt Ion: 97 Resp: 1193
Ion Ratio Lower Upper
97 100
99 40.9 49.9 74.9
61 53.3 39.8 59.8

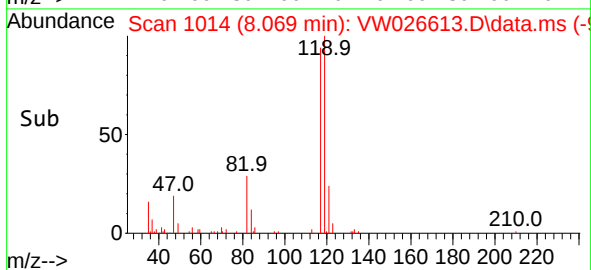
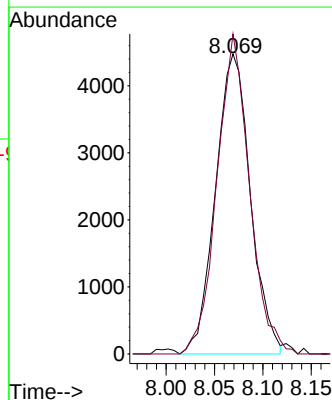
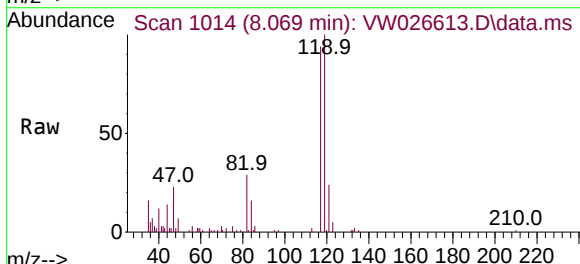
Manual Integrations
APPROVED

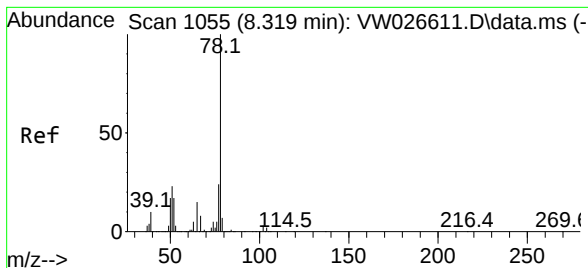
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#31
Carbon tetrachloride
Concen: 0.925 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Tgt Ion:117 Resp: 11238
Ion Ratio Lower Upper
117 100
119 99.2 77.1 115.7





#33

Benzene

Concen: 0.938 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VW026613.D

Acq: 14 Jul 2023 11:01

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT3-2023-05

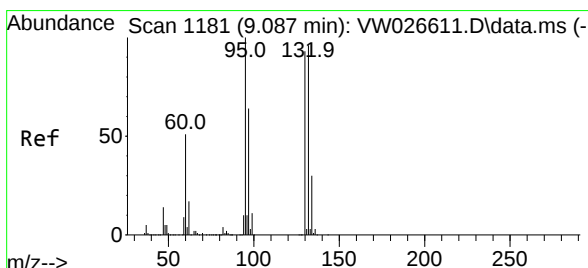
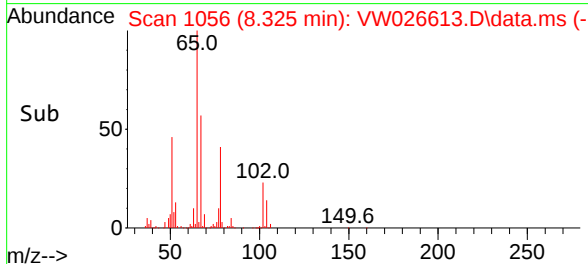
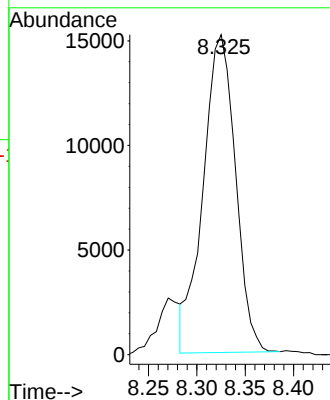
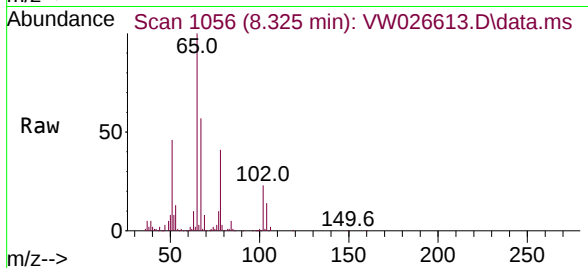
Tgt Ion: 78 Resp: 35310

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#34

Trichloroethene

Concen: 0.948 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW026613.D

Acq: 14 Jul 2023 11:01

Tgt Ion: 95 Resp: 9163

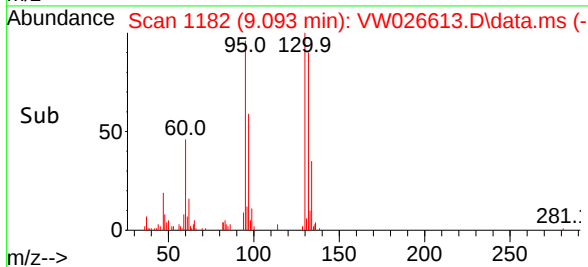
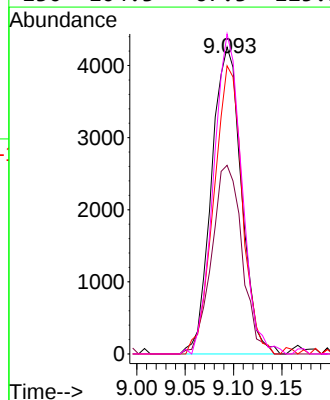
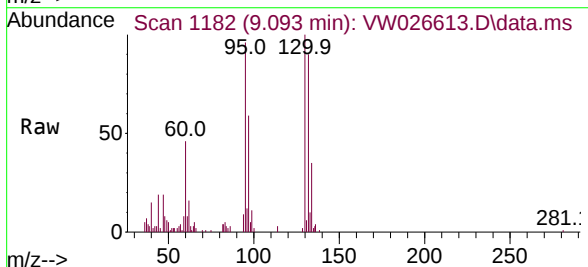
Ion Ratio Lower Upper

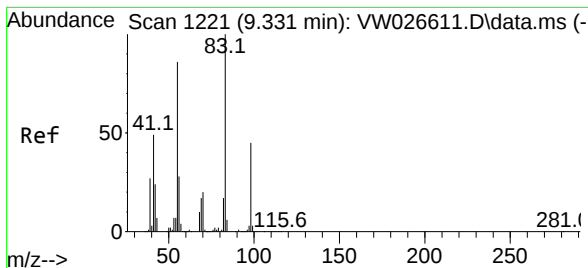
95 100

97 61.5 47.9 88.9

132 93.9 65.0 120.8

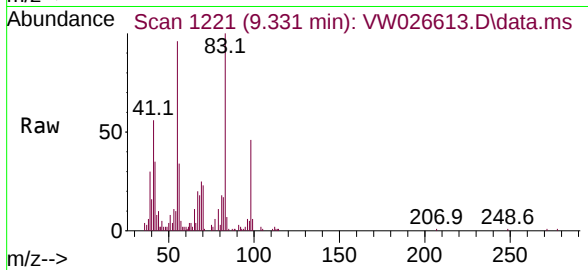
130 104.3 67.3 125.1





#35
Methylcyclohexane
Concen: 0.807 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

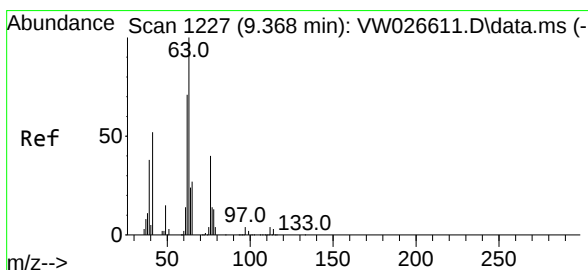
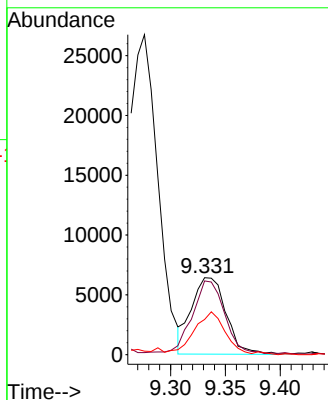
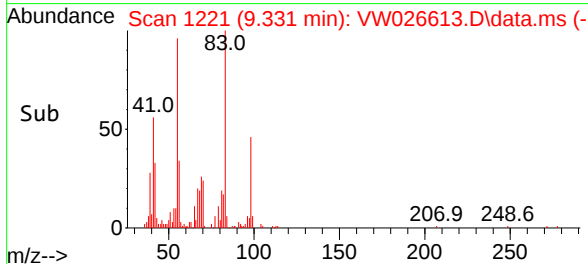
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion: 83 Resp: 14009
Ion Ratio Lower Upper
83 100
55 91.8 68.7 103.1
98 50.4 37.3 55.9

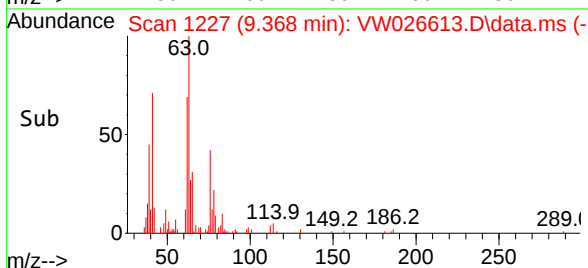
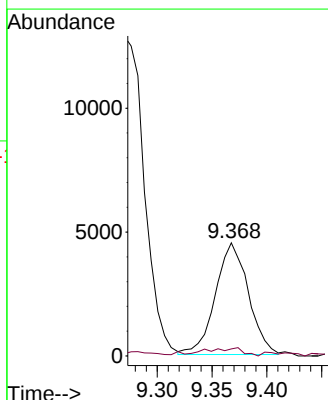
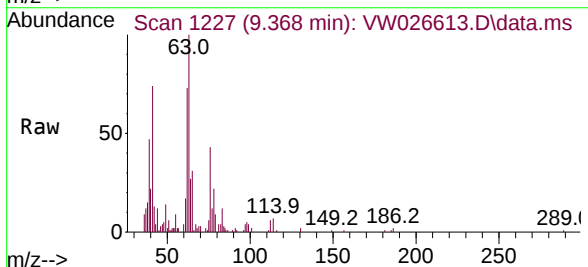
Manual Integrations
APPROVED

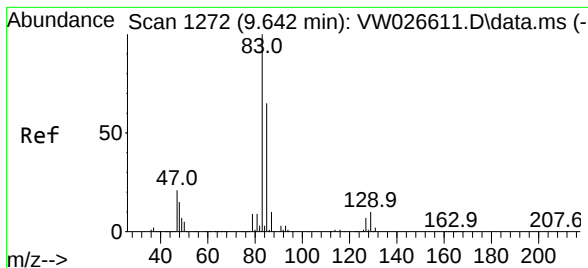
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#37
1,2-Dichloropropane
Concen: 0.942 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Tgt Ion: 63 Resp: 9418
Ion Ratio Lower Upper
63 100
112 3.2 3.4 5.2#





#38

Bromodichloromethane

Concen: 0.998 ug/L

RT: 9.648 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VW026613.D

Acq: 14 Jul 2023 11:01

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT3-2023-05

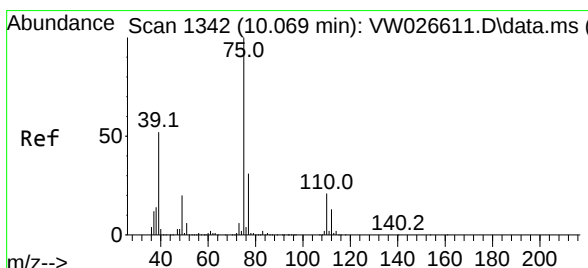
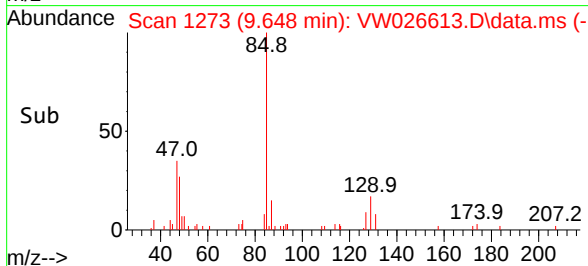
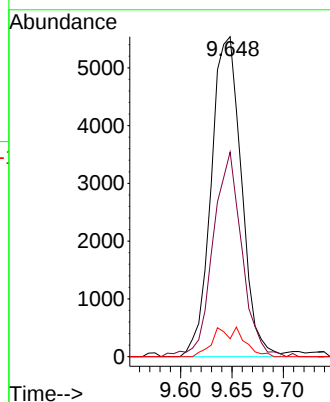
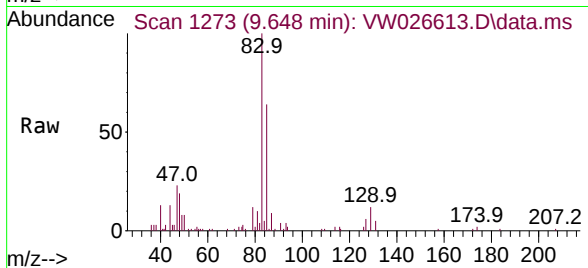
Tgt Ion:	83	Resp:	1133
Ion Ratio	Lower	Upper	
83	100		
85	64.0	43.3	80.3
127	5.6	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#39

cis-1,3-Dichloropropene

Concen: 0.858 ug/L m

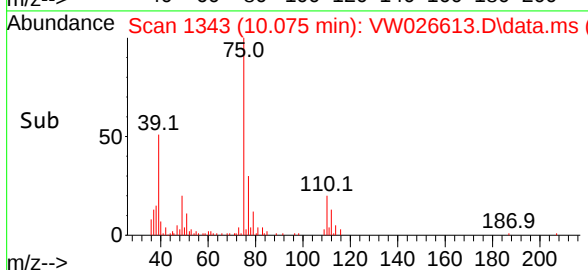
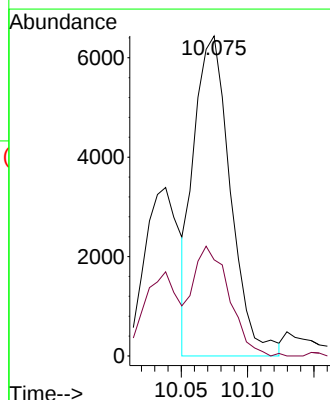
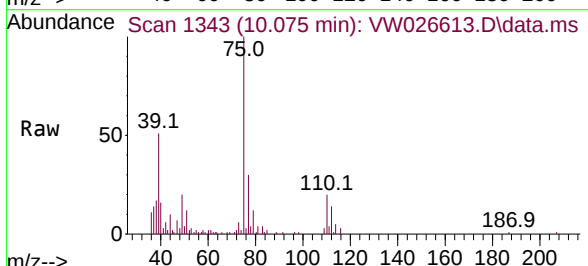
RT: 10.075 min Scan# 1343

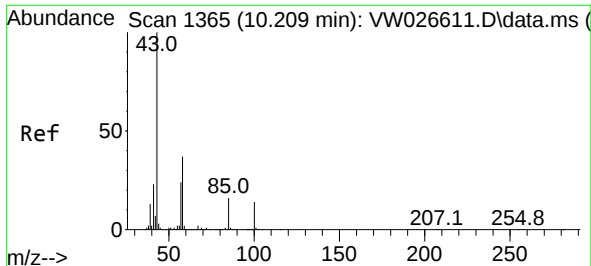
Delta R.T. 0.006 min

Lab File: VW026613.D

Acq: 14 Jul 2023 11:01

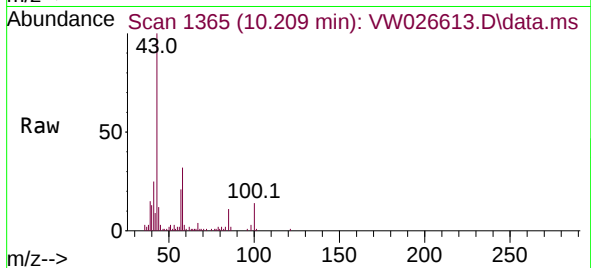
Tgt Ion:	75	Resp:	12339
Ion Ratio	Lower	Upper	
75	100		
77	30.1	21.4	39.8





#40
4-Methyl-2-pentanone
Concen: 1.741 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

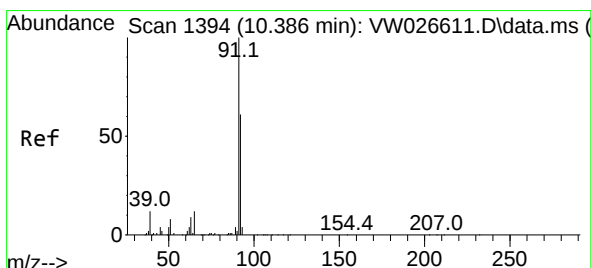
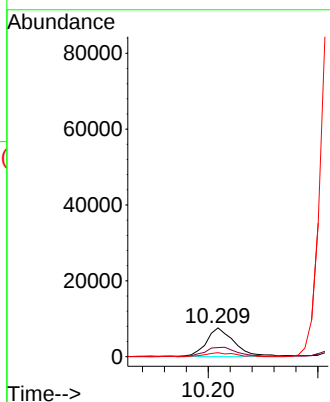
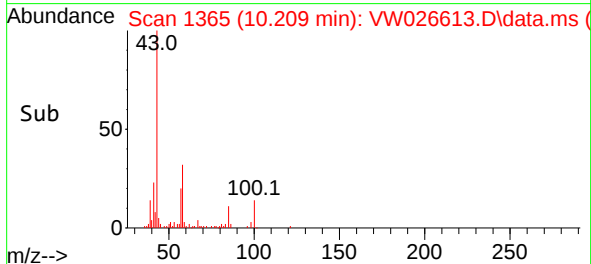
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05



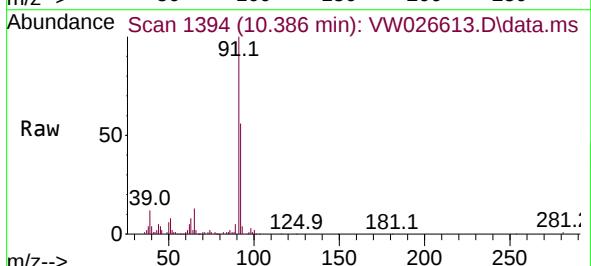
Tgt Ion: 43 Resp: 13129
Ion Ratio Lower Upper
43 100
58 38.6 29.8 44.8
100 13.9 10.7 16.1

Manual Integrations
APPROVED

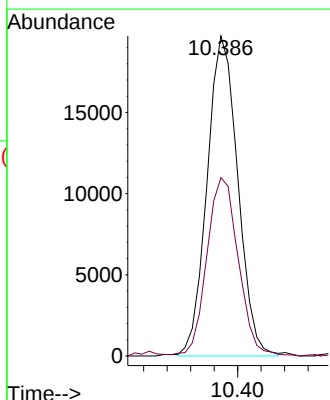
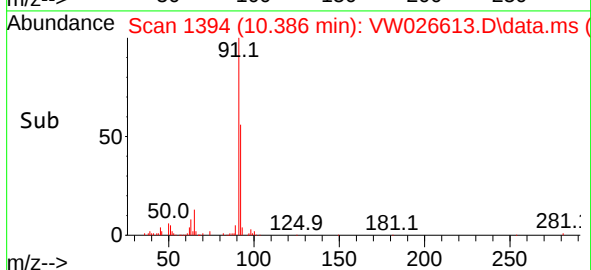
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

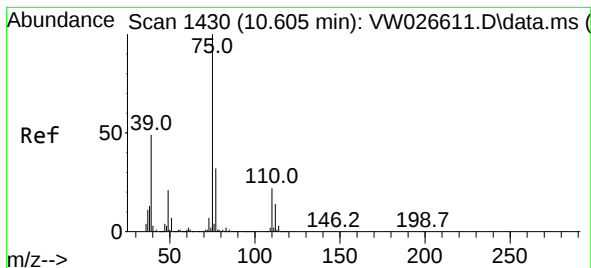


#42
Toluene
Concen: 0.942 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01



Tgt Ion: 91 Resp: 35781
Ion Ratio Lower Upper
91 100
92 55.7 39.5 73.3





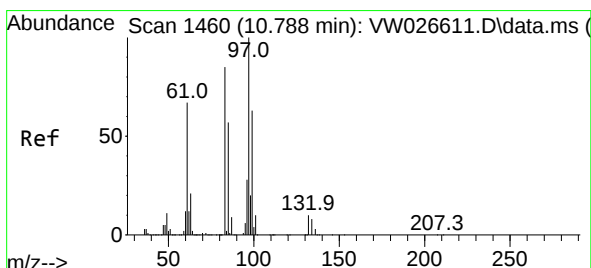
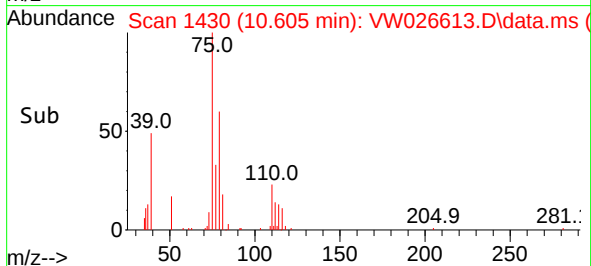
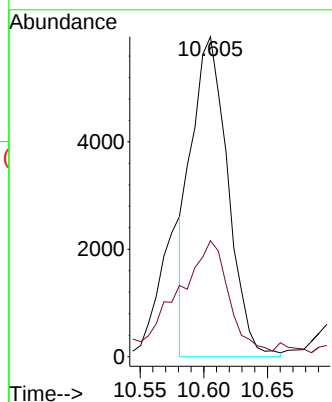
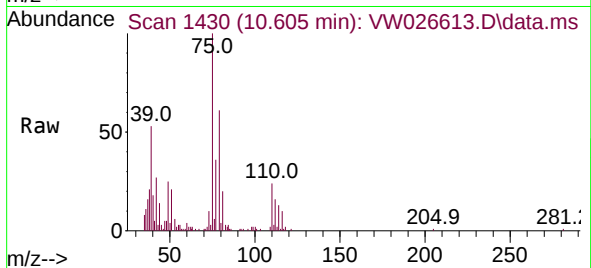
#44
trans-1,3-Dichloropropene
Concen: 0.975 ug/L m
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05

Tgt Ion: 75 Resp: 1183
Ion Ratio Lower Upper
75 100
77 36.2 23.0 42.6

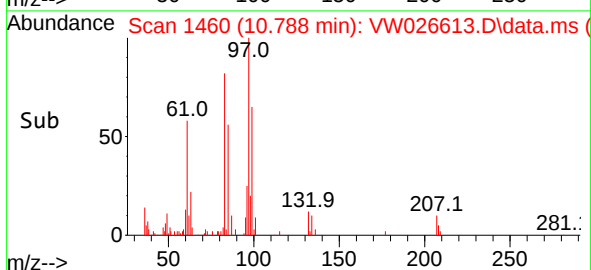
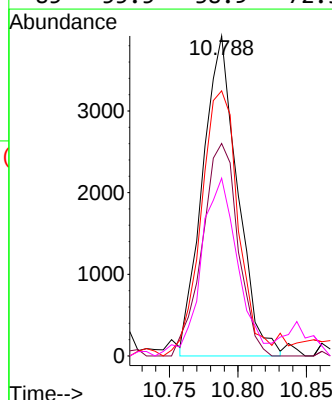
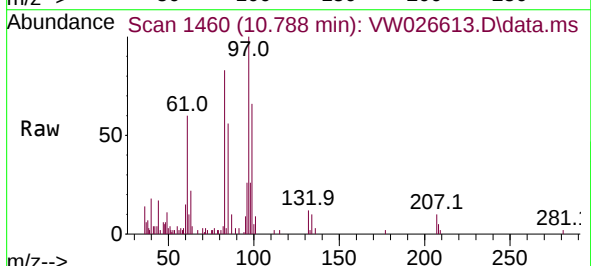
Manual Integrations
APPROVED

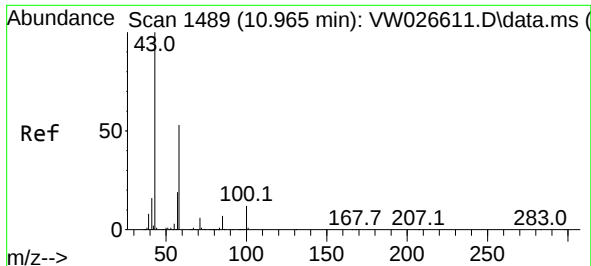
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#45
1,1,2-Trichloroethane
Concen: 0.999 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

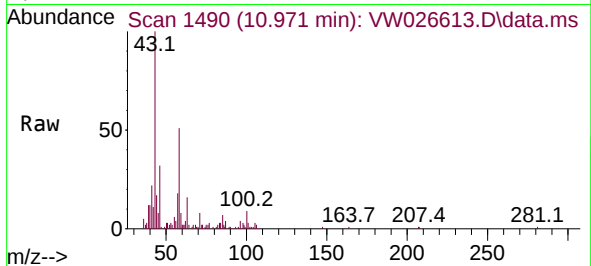
Tgt Ion: 97 Resp: 6967
Ion Ratio Lower Upper
97 100
99 66.4 40.5 75.3
83 82.9 61.0 113.2
85 55.5 38.9 72.3





#48
2-Hexanone
Concen: 2.109 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

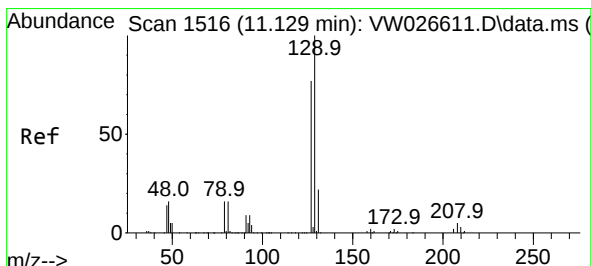
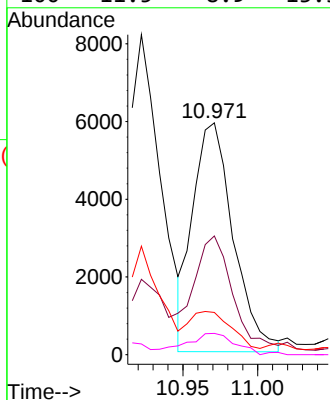
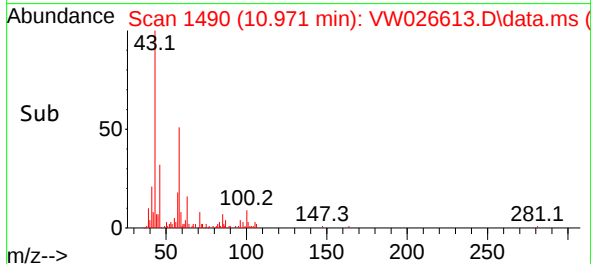
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
58 54.5 42.1 63.1
57 20.4 14.8 22.2
100 11.5 8.9 13.3

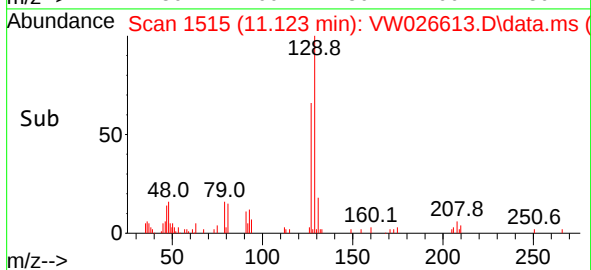
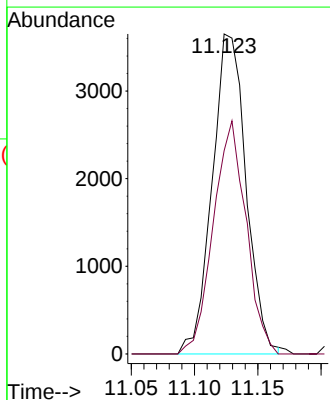
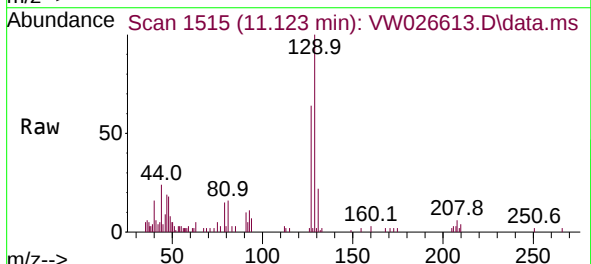
Manual Integrations
APPROVED

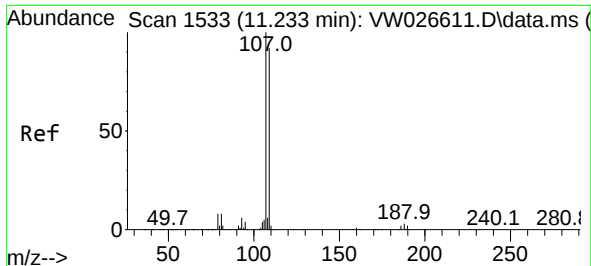
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#49
Dibromochloromethane
Concen: 0.985 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Tgt Ion:129 Resp: 6801
Ion Ratio Lower Upper
129 100
127 63.5 51.2 95.2





#50

1,2-Dibromoethane

Concen: 0.939 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026613.D

Acq: 14 Jul 2023 11:01

Instrument :

MSVOA_W

ClientSampleId :

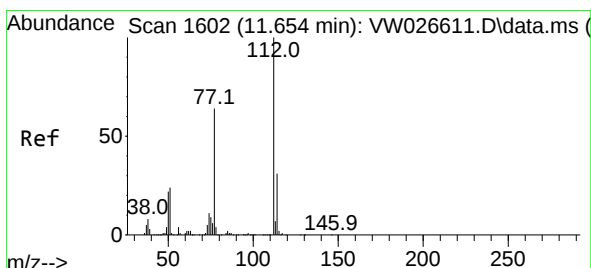
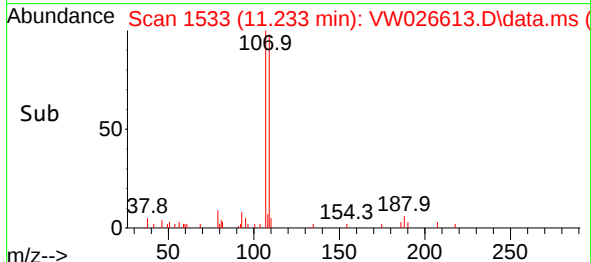
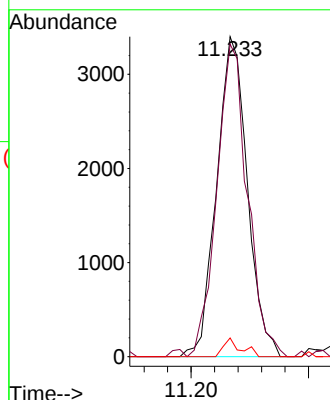
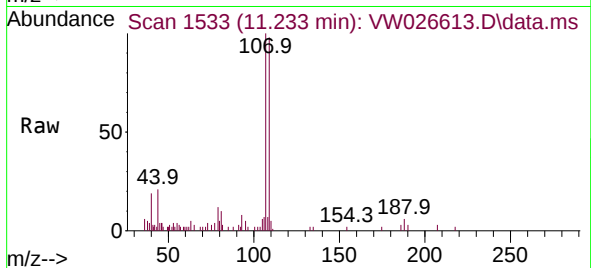
MDL-SOIL-QT3-2023-05

Tgt Ion:	107	Resp:	617
Ion Ratio	Lower	Upper	
107	100		
109	97.6	62.9	116.7
188	5.9	2.8	4.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#51

Chlorobenzene

Concen: 0.949 ug/L

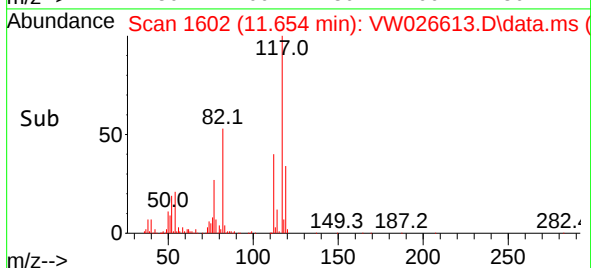
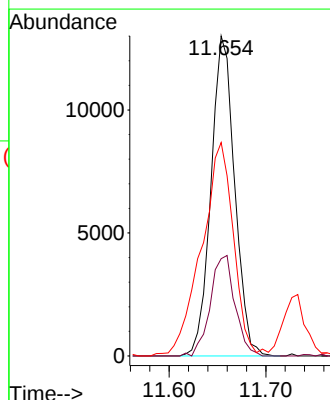
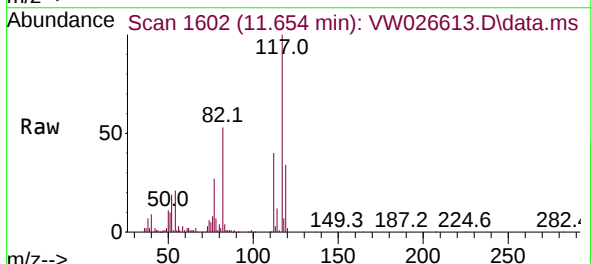
RT: 11.654 min Scan# 1602

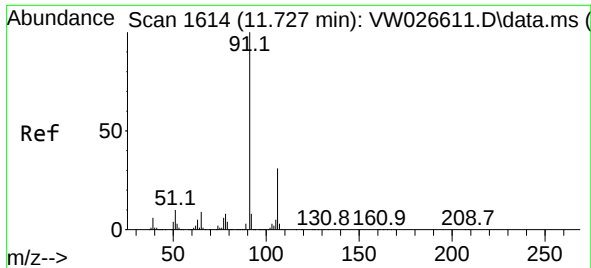
Delta R.T. 0.000 min

Lab File: VW026613.D

Acq: 14 Jul 2023 11:01

Tgt Ion:	112	Resp:	22109
Ion Ratio	Lower	Upper	
112	100		
114	30.4	21.6	40.2
77	66.7	50.3	75.5





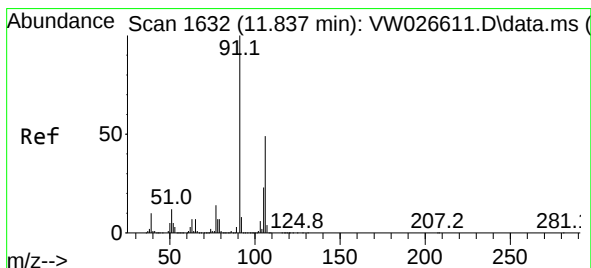
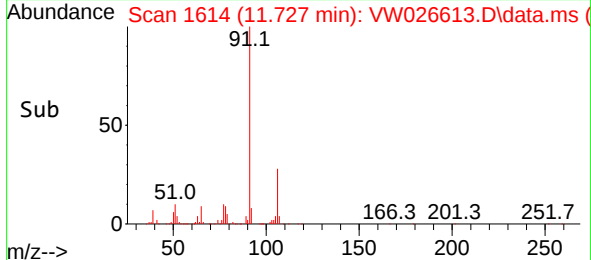
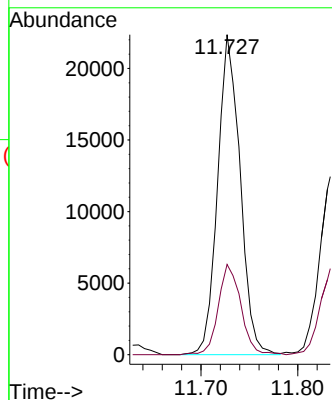
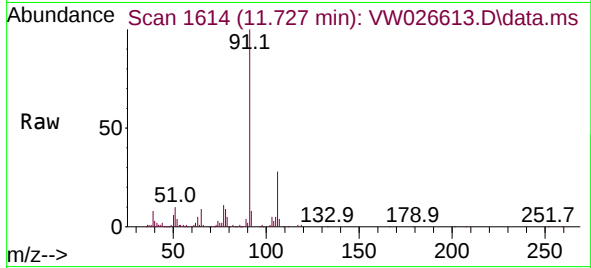
#52
Ethylbenzene
Concen: 0.852 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05

Tgt Ion: 91 Resp: 3605
Ion Ratio Lower Upper
91 100
106 28.2 20.8 38.6

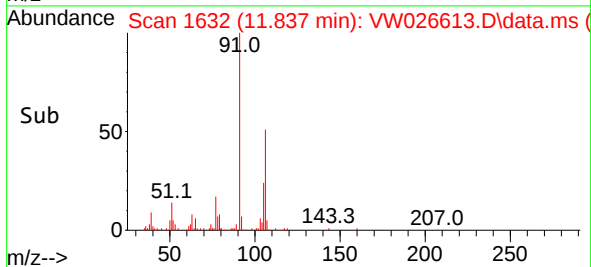
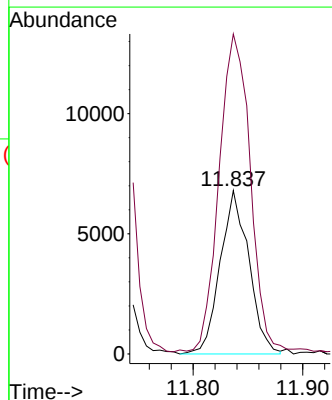
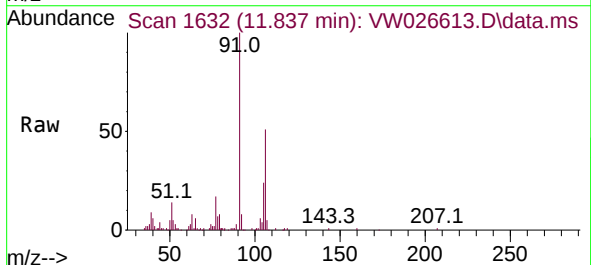
Manual Integrations
APPROVED

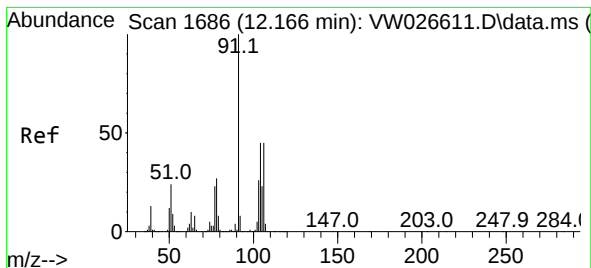
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#53
m,p-Xylene
Concen: 0.803 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Tgt Ion:106 Resp: 12359
Ion Ratio Lower Upper
106 100
91 196.0 150.3 279.1





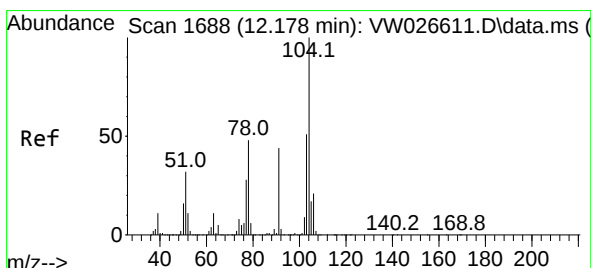
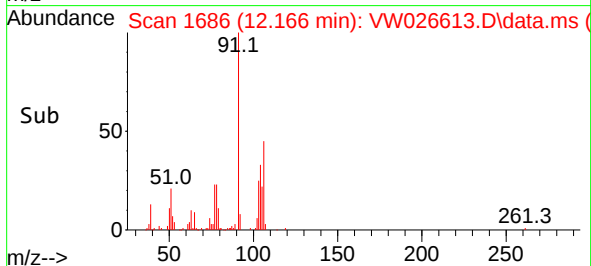
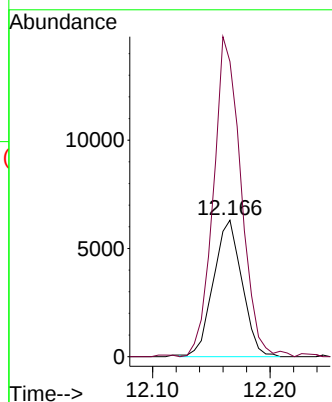
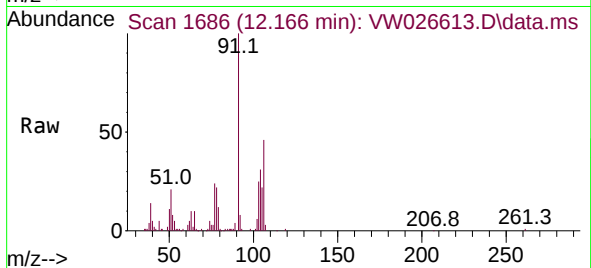
#54
o-Xylene
Concen: 0.739 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05

Tgt Ion:106 Resp: 1067
Ion Ratio Lower Upper
106 100
91 216.2 154.3 286.5

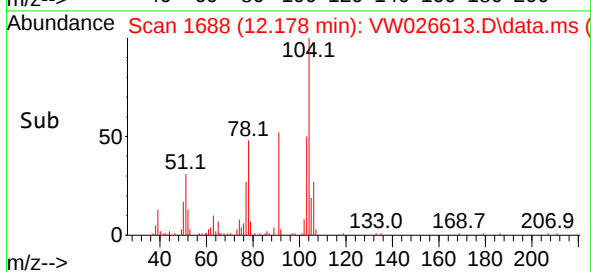
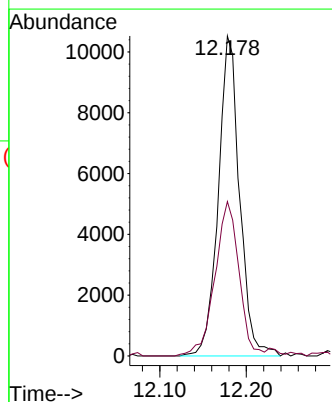
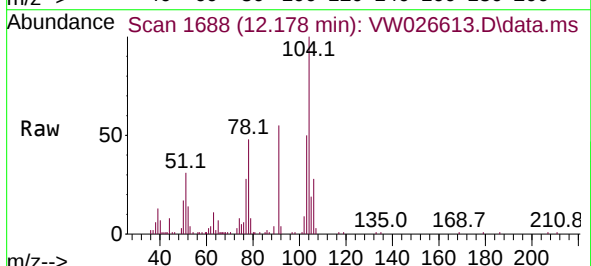
Manual Integrations
APPROVED

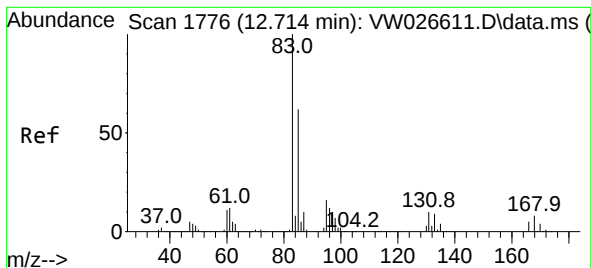
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#55
Styrene
Concen: 0.738 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Tgt Ion:104 Resp: 17984
Ion Ratio Lower Upper
104 100
78 48.3 34.6 64.2





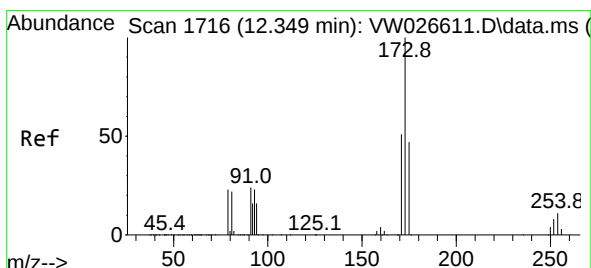
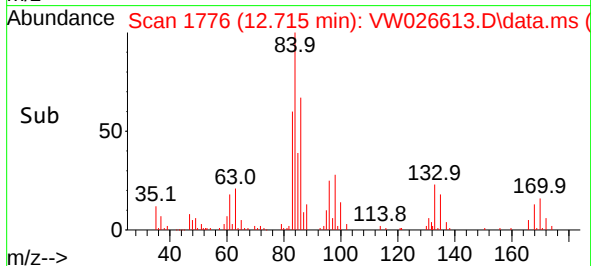
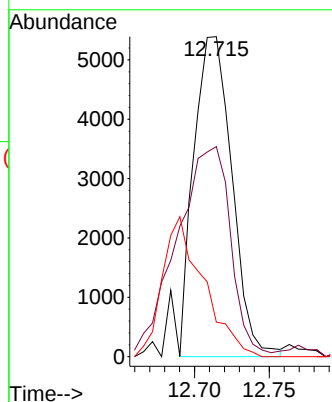
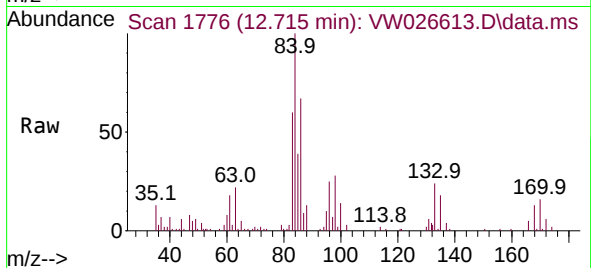
#57
1,1,2,2-Tetrachloroethane
Concen: 1.047 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05

Tgt Ion: 83 Resp: 9580
Ion Ratio Lower Upper
83 100
85 65.6 46.2 85.8
131 10.8 7.2 10.8

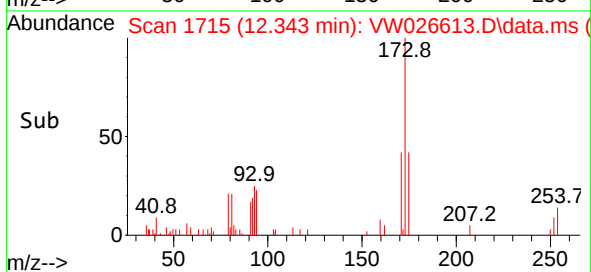
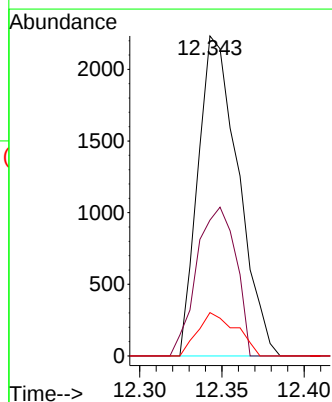
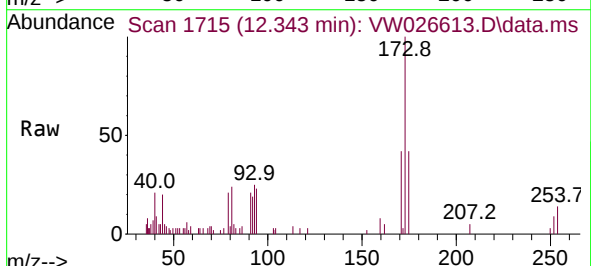
Manual Integrations
APPROVED

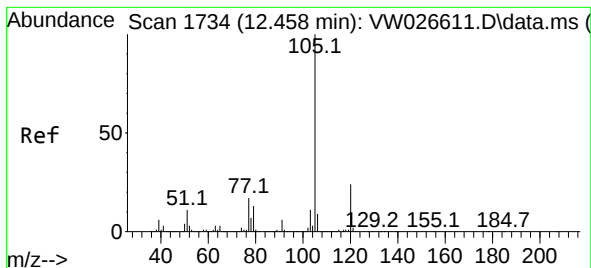
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#59
Bromoform
Concen: 0.920 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Tgt Ion:173 Resp: 3787
Ion Ratio Lower Upper
173 100
175 45.5 36.6 54.8
254 13.0 7.8 11.6#





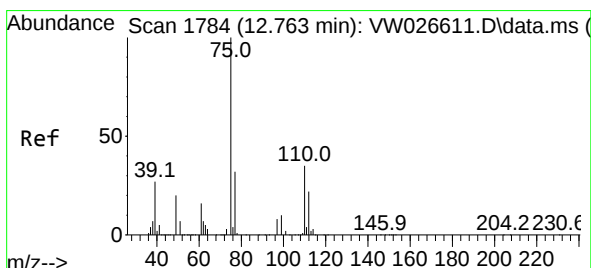
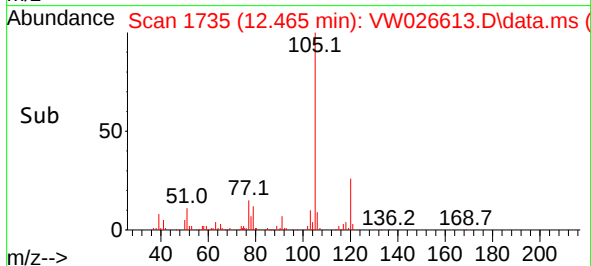
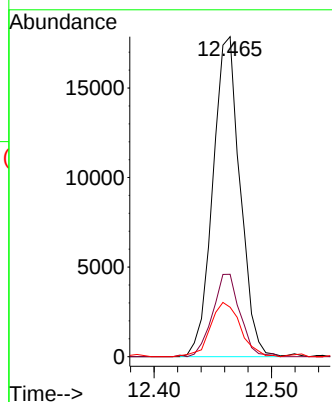
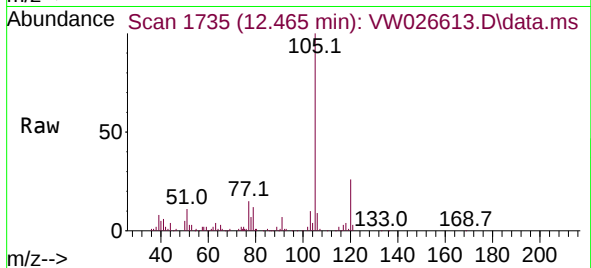
#60
Isopropylbenzene
Concen: 0.715 ug/L
RT: 12.465 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05

Tgt Ion:105 Resp: 28780
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7
77 18.7 13.4 20.2

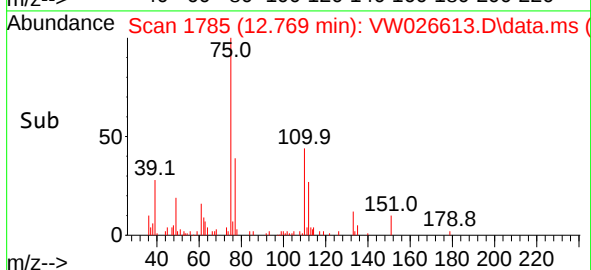
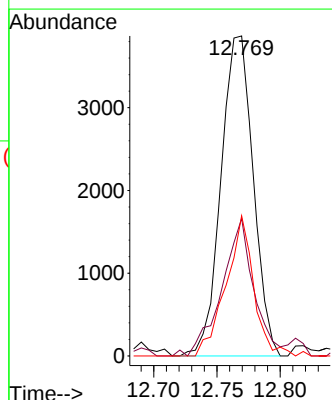
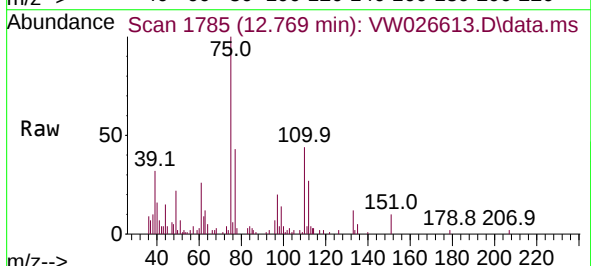
Manual Integrations
APPROVED

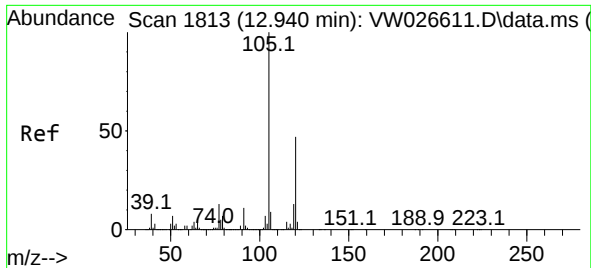
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#61
1,2,3-Trichloropropane
Concen: 0.976 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

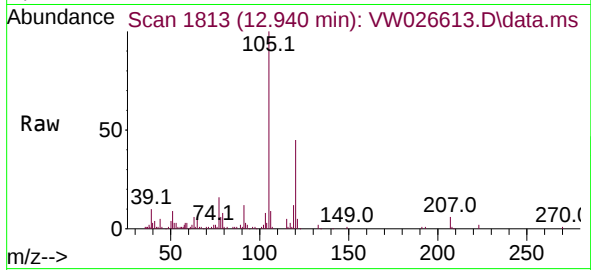
Tgt Ion: 75 Resp: 6859
Ion Ratio Lower Upper
75 100
77 42.2 25.7 38.5#
110 36.8 28.3 42.5





#62
1,3,5-Trimethylbenzene
Concen: 0.722 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

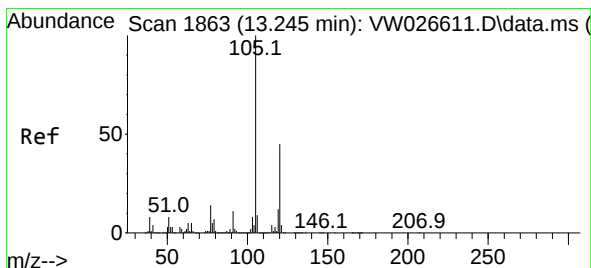
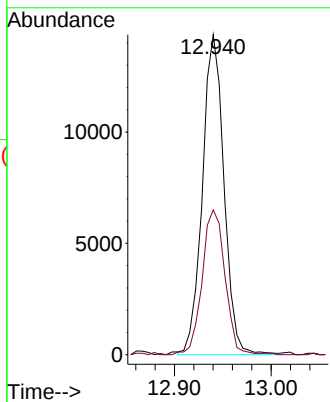
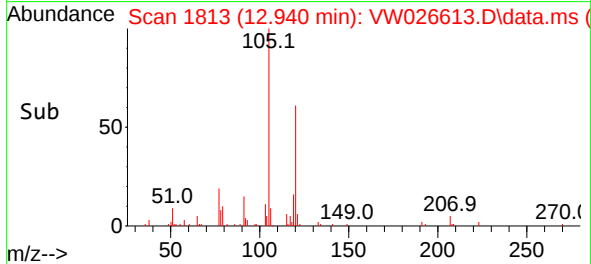
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:105 Resp: 22289
Ion Ratio Lower Upper
105 100
120 47.8 38.4 57.6

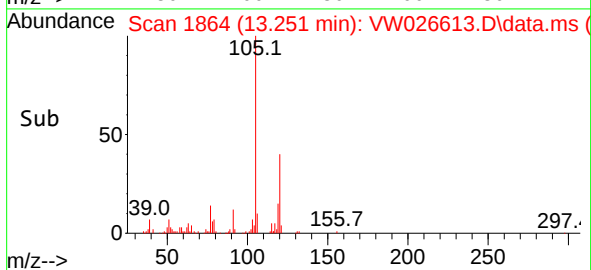
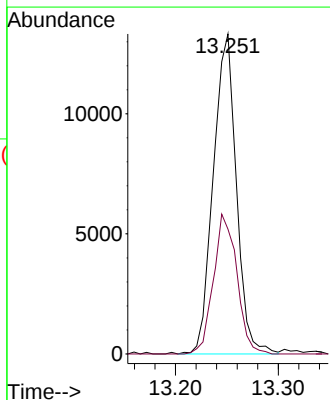
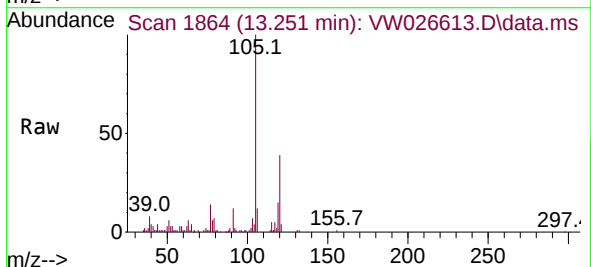
Manual Integrations
APPROVED

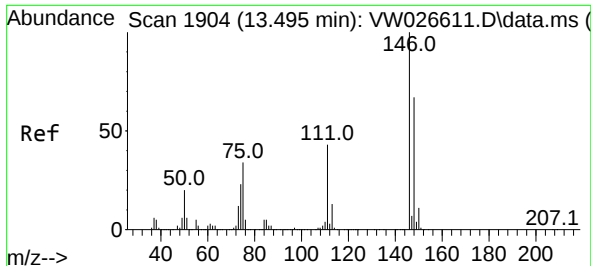
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#63
1,2,4-Trimethylbenzene
Concen: 0.679 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Tgt Ion:105 Resp: 20769
Ion Ratio Lower Upper
105 100
120 44.4 35.2 52.8





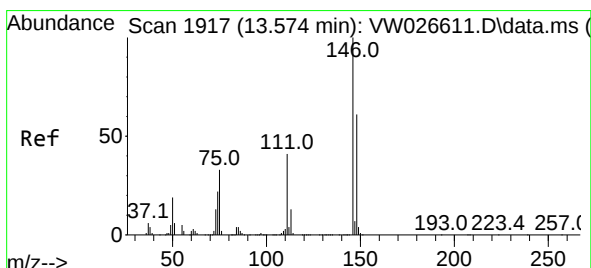
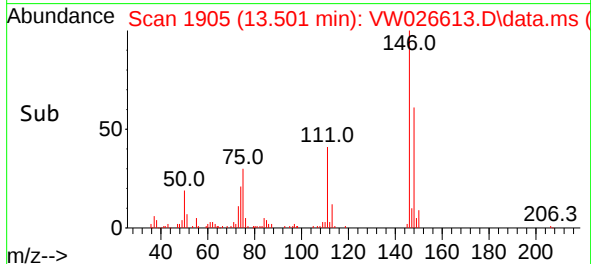
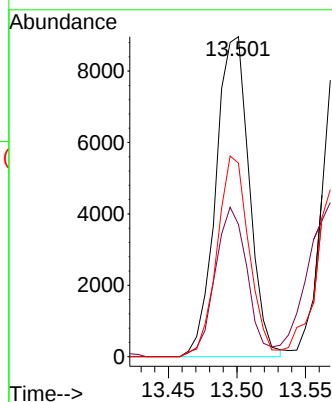
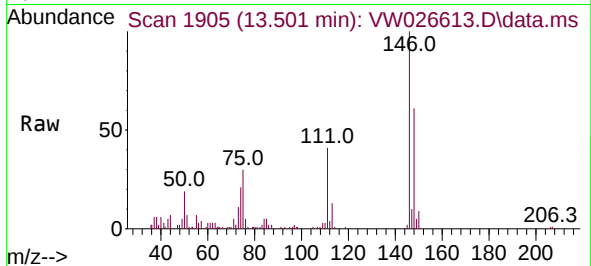
#64
1,3-Dichlorobenzene
Concen: 0.900 ug/L
RT: 13.501 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05

Tgt Ion:146 Resp: 1520
Ion Ratio Lower Upper
146 100
111 41.3 30.4 56.4
148 60.5 44.4 82.4

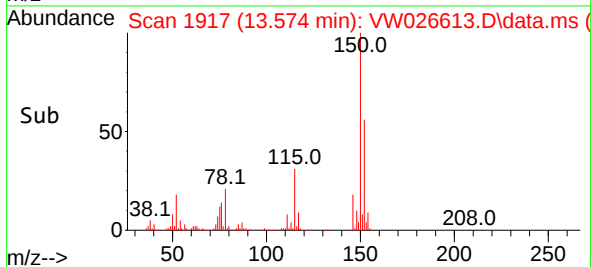
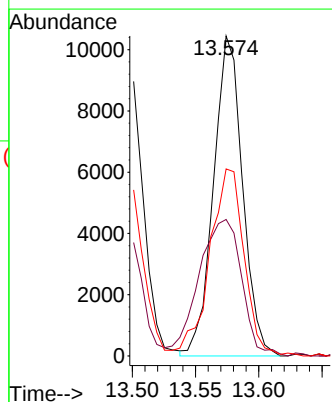
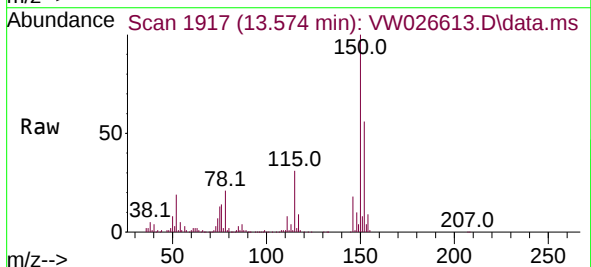
Manual Integrations
APPROVED

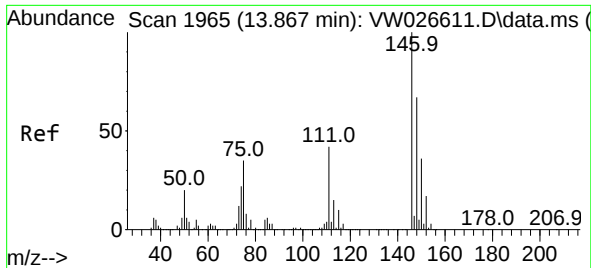
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#65
1,4-Dichlorobenzene
Concen: 0.990 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Tgt Ion:146 Resp: 16670
Ion Ratio Lower Upper
146 100
111 42.7 29.7 55.1
148 58.5 45.4 84.4





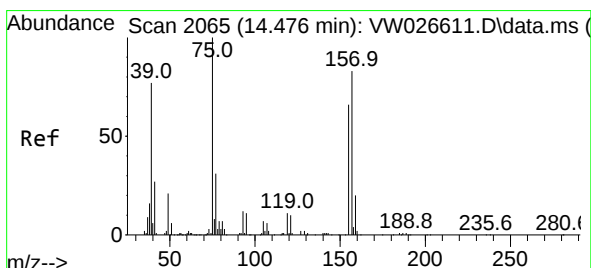
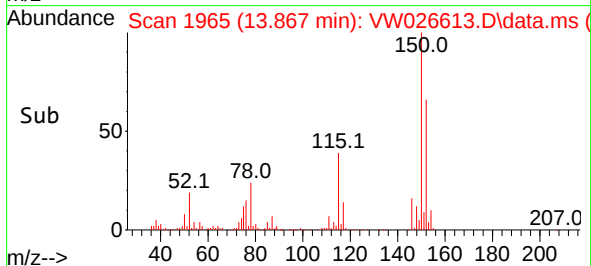
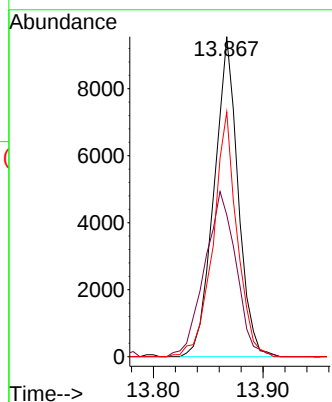
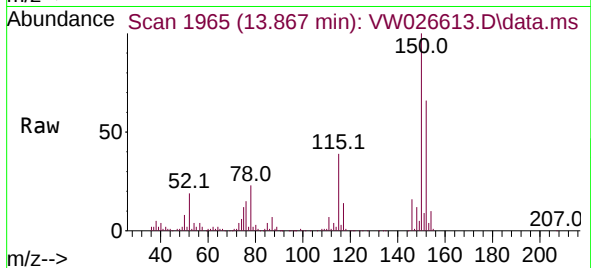
#67
1,2-Dichlorobenzene
Concen: 0.973 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05

Tgt Ion:	146	Resp:	1454
Ion Ratio	Lower	Upper	
146	100		
111	44.3	31.8	47.8
148	76.5	46.9	70.3

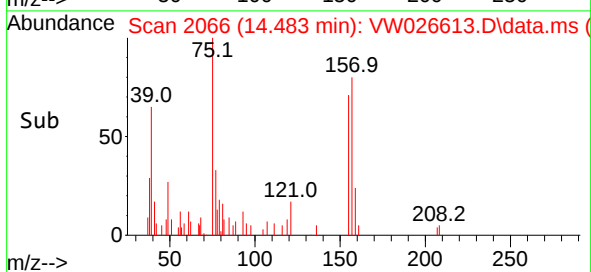
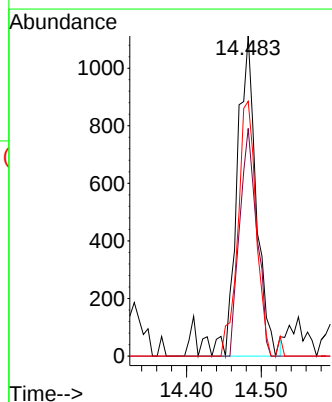
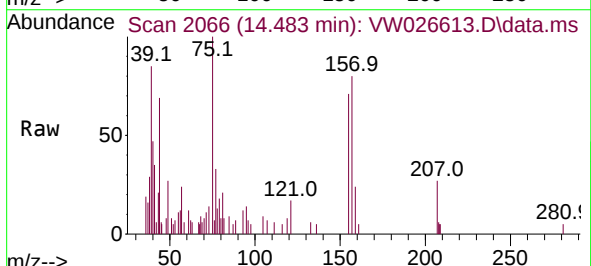
Manual Integrations
APPROVED

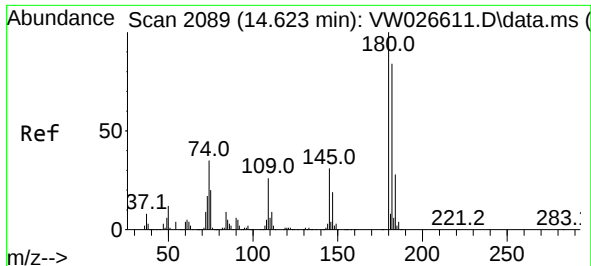
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#68
1,2-Dibromo-3-chloropropane
Concen: 1.260 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

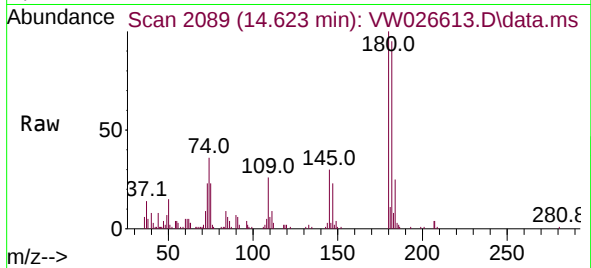
Tgt Ion:	75	Resp:	2108
Ion Ratio	Lower	Upper	
75	100		
155	71.1	49.1	73.7
157	79.6	60.6	90.8





#69
1,3,5-Trichlorobenzene
Concen: 0.955 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

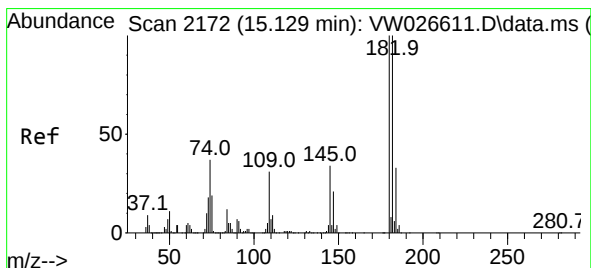
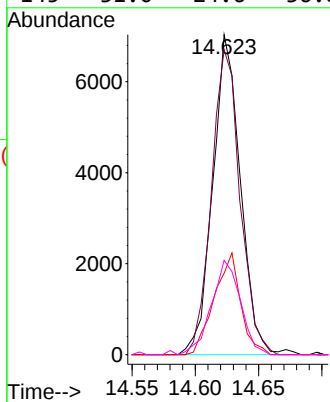
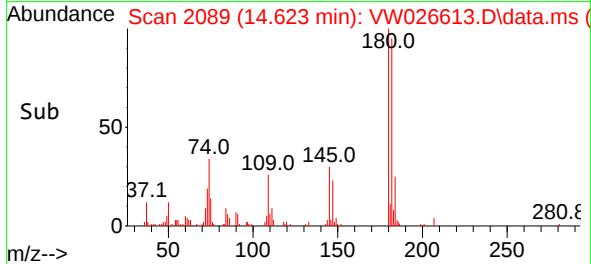
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	75.8	113.6
184	30.5	23.7	35.5
145	31.0	24.6	36.8

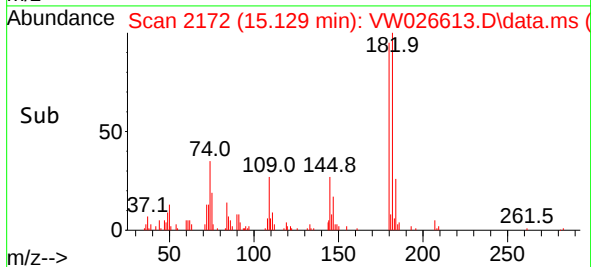
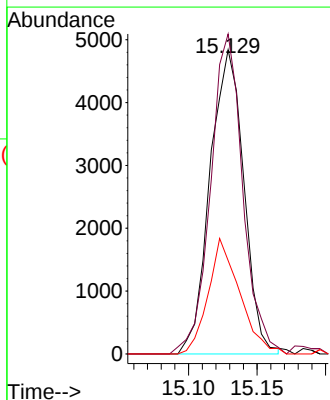
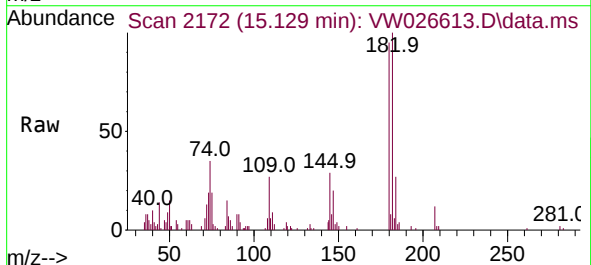
Manual Integrations
APPROVED

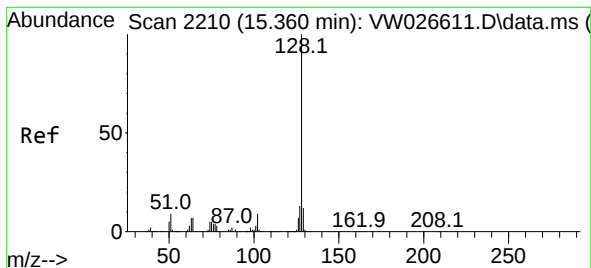
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#70
1,2,4-trichlorobenzene
Concen: 0.904 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

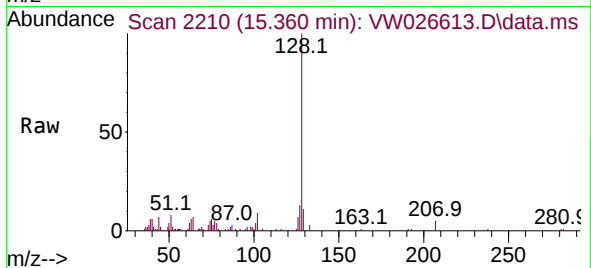
Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.2	73.5	110.3
145	35.6	25.0	37.6





#71
Naphthalene
Concen: 0.758 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

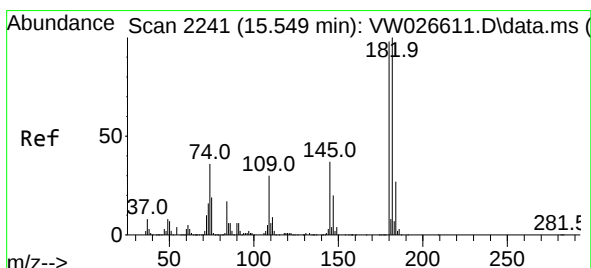
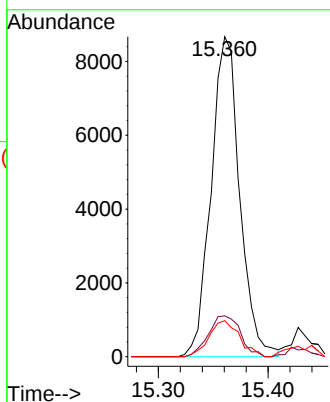
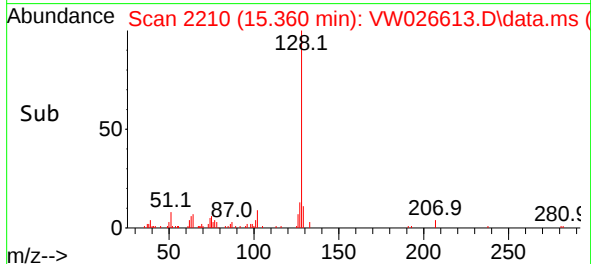
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:128 Resp: 15744
Ion Ratio Lower Upper
128 100
127 14.2 10.6 16.0
129 11.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#72
1,2,3-Trichlorobenzene
Concen: 0.924 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW026613.D
Acq: 14 Jul 2023 11:01

Tgt Ion:180 Resp: 7979
Ion Ratio Lower Upper
180 100
182 98.1 75.2 112.8
145 35.9 26.6 40.0

