

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081822\
 Data File : VW024275.D
 Acq On : 18 Aug 2022 15:22
 Operator : SY/VA
 Sample : N3670-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT2-2022-03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/22/2022
 Supervised By :Mahesh Dadoda 08/22/2022

Quant Time: Aug 18 21:05:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 18 01:04:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	252268	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	246922	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	126739	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	113145	21.457	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.840%
7) Chloroethane-d5	2.873	69	75488	22.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.920%
11) 1,1-Dichloroethene-d2	4.001	63	92976	15.472	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.880%
21) 2-Butanone-d5	7.074	46	50029	50.997	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.000%
24) Chloroform-d	7.647	84	177592	23.266	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.080%
26) 1,2-Dichloroethane-d4	8.299	65	104087	24.562	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.240%
32) Benzene-d6	8.269	84	329926	22.656	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.640%
36) 1,2-Dichloropropane-d6	9.275	67	100547	23.385	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.560%
41) Toluene-d8	10.323	98	289784	21.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.160%
43) trans-1,3-Dichloroprop...	10.573	79	41738	22.163	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.640%
47) 2-Hexanone-d5	10.927	63	39309	49.497	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.000%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	100649	24.127	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	114056	24.592	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	1911	0.861	ug/L #	82
5) Vinyl chloride	2.349	62	7640m	1.319	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	4921m	1.328	ug/L	
13) Acetone	4.123	43	4379	6.063	ug/L	95
14) Carbon disulfide	4.379	76	9843	1.014	ug/L #	91
15) Methyl Acetate	4.672	43	2480m	1.524	ug/L	
16) Methylene chloride	4.916	84	24227	5.446	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	3614m	1.032	ug/L	
18) Methyl tert-butyl Ether	5.422	73	5340m	1.069	ug/L	
19) 1,1-Dichloroethane	6.214	63	6322	1.025	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	4077	1.060	ug/L #	65
22) 2-Butanone	7.147	43	7494m	6.157	ug/L	
23) Bromochloromethane	7.519	128	2154m	1.124	ug/L	
25) Chloroform	7.677	83	7578	1.115	ug/L	97
27) 1,2-Dichloroethane	8.403	62	5042	1.102	ug/L	96
29) Cyclohexane	7.946	56	4516	0.892	ug/L #	95
30) 1,1,1-Trichloroethane	7.866	97	5692	1.022	ug/L	92
31) Carbon tetrachloride	8.061	117	5065	0.964	ug/L	99
33) Benzene	8.317	78	18804	1.289	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	9.092	95	4033	1.046	ug/L	89
35) Methylcyclohexane	9.329	83	5212	0.862	ug/L #	88
37) 1,2-Dichloropropane	9.366	63	4019	1.115	ug/L #	86
38) Bromodichloromethane	9.640	83	5183	1.025	ug/L	85
39) cis-1,3-Dichloropropene	10.073	75	5512	1.039	ug/L	91
40) 4-Methyl-2-pentanone	10.207	43	5147	2.151	ug/L	92
42) Toluene	10.384	91	15910	1.027	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	7425m	1.532	ug/L	
45) 1,1,2-Trichloroethane	10.786	97	3299	1.086	ug/L	97
46) Tetrachloroethene	10.860	164	3256	1.043	ug/L	92
49) Dibromochloromethane	11.128	129	3322	0.908	ug/L	91
50) 1,2-Dibromoethane	11.232	107	3108	1.068	ug/L	91
51) Chlorobenzene	11.652	112	11050	1.044	ug/L	95
52) Ethylbenzene	11.731	91	15078	0.888	ug/L	94
53) m,p-Xylene	11.835	106	5376	0.813	ug/L	80
54) o-Xylene	12.164	106	4890	0.783	ug/L	86
55) Styrene	12.176	104	7897	0.727	ug/L	85
57) 1,1,2,2-Tetrachloroethane	12.713	83	3586	0.944	ug/L #	91
59) Bromoform	12.347	173	1885	0.975	ug/L #	98
60) Isopropylbenzene	12.457	105	12242	0.798	ug/L #	95
61) 1,2,3-Trichloropropane	12.768	75	2821	1.118	ug/L #	85
62) 1,3,5-Trimethylbenzene	12.939	105	9478	0.748	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	9376	0.751	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	7003	0.932	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	8168	1.027	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	8001	1.121	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	827m	1.403	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	5324	1.081	ug/L	90
70) 1,2,4-trichlorobenzene	15.127	180	3353	0.850	ug/L	95
71) Naphthalene	15.365	128	5763	0.750	ug/L #	95
72) 1,2,3-Trichlorobenzene	15.548	180	3080	0.857	ug/L	98

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

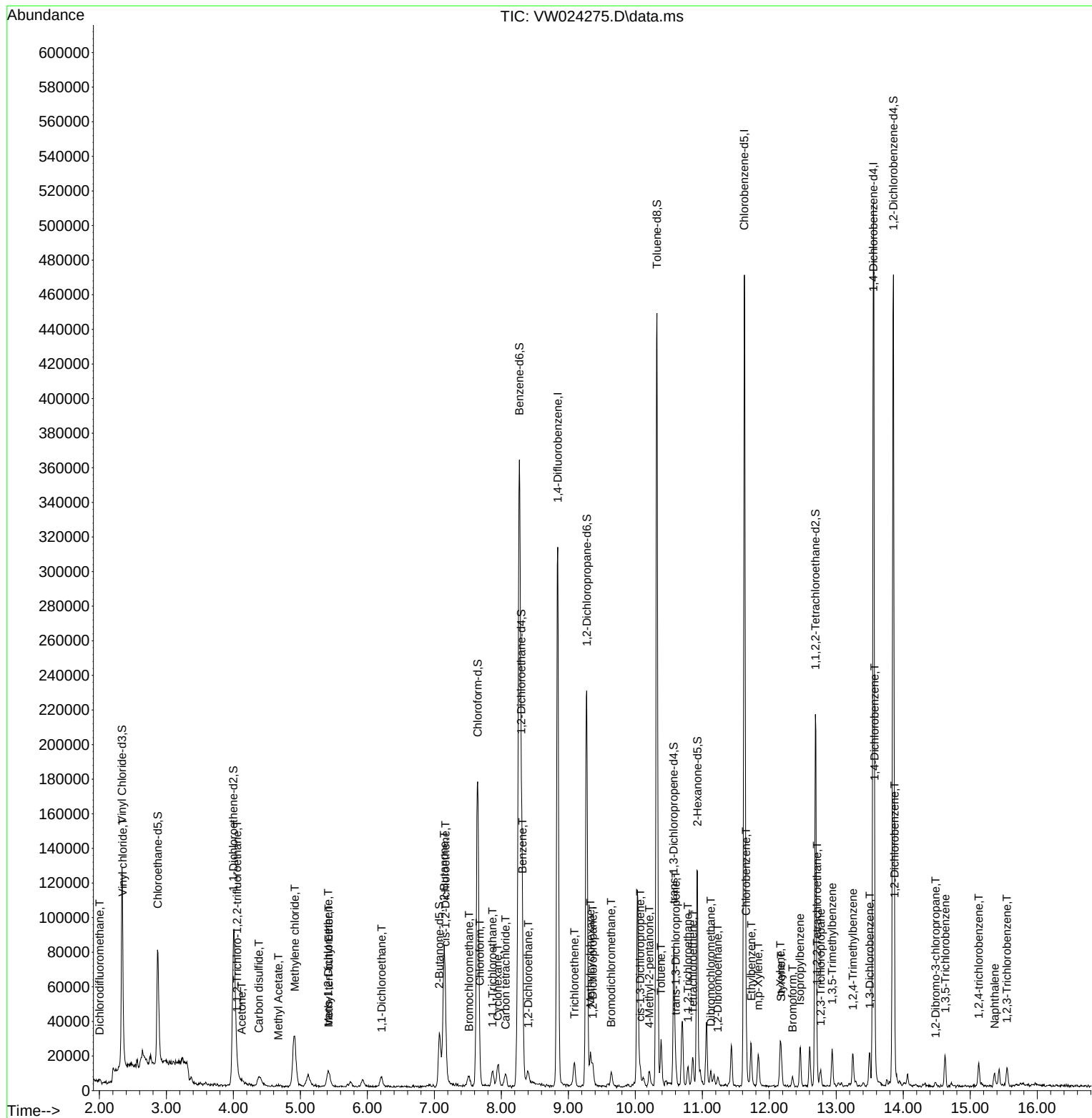
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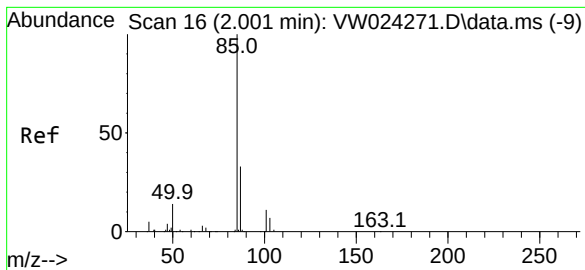
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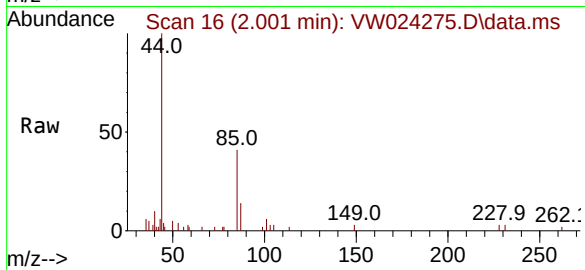
Reviewed By : Semsettin Yesilyurt 08/22/2022
 Supervised By : Mahesh Dadoda 08/22/2022





#2
Dichlorodifluoromethane
Concen: 0.861 ug/L
RT: 2.001 min Scan# 16
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

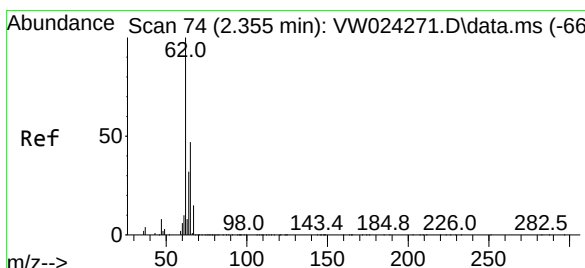
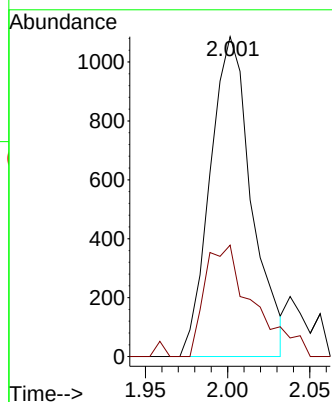
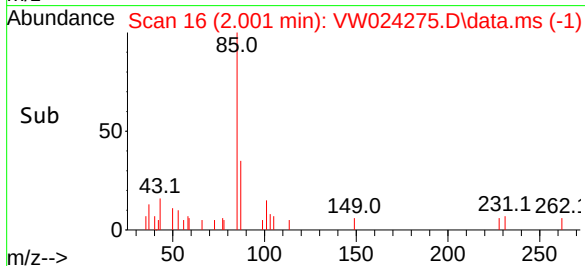
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03



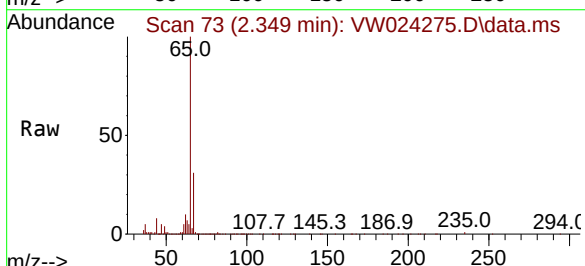
Tgt Ion: 85 Resp: 191
Ion Ratio Lower Upper
85 100
87 40.6 24.5 36.7

Manual Integrations
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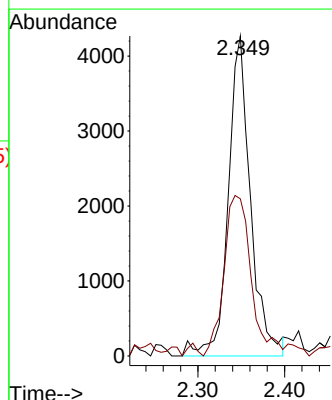
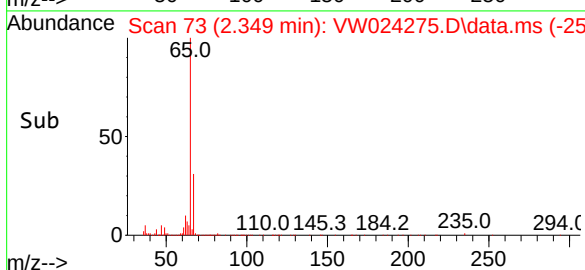
Reviewed By :Semsettin Yesilyurt 08/22/2022
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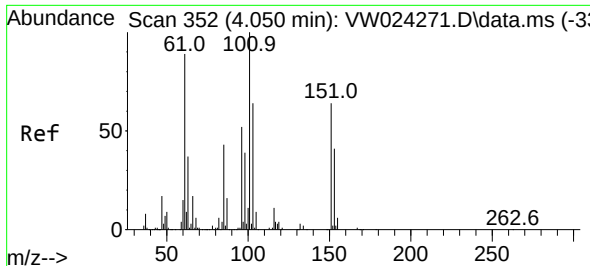


#5
Vinyl chloride
Concen: 1.319 ug/L m
RT: 2.349 min Scan# 73
Delta R.T. -0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22



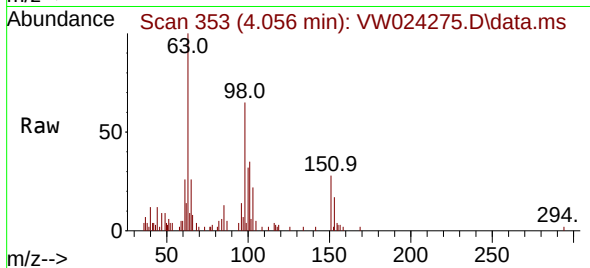
Tgt Ion: 62 Resp: 7640
Ion Ratio Lower Upper
62 100
64 49.1 22.7 42.3





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.328 ug/L m
RT: 4.056 min Scan# 352
Delta R.T. 0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

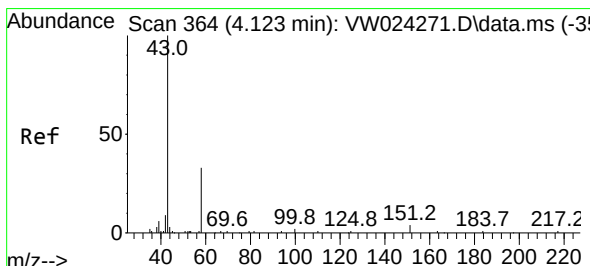
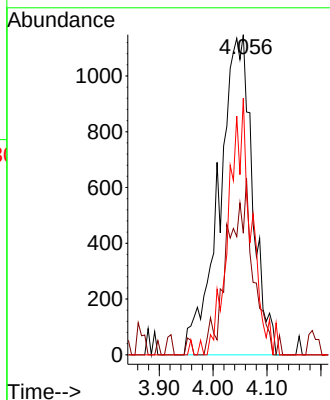
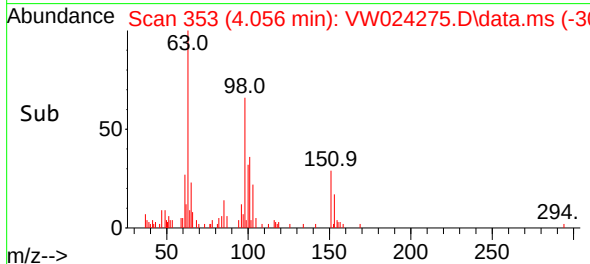
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03



Tgt Ion: 101 Resp: 492
Ion Ratio Lower Upper
101 100
85 7.3 34.9 52.3
151 18.4 57.0 85.6

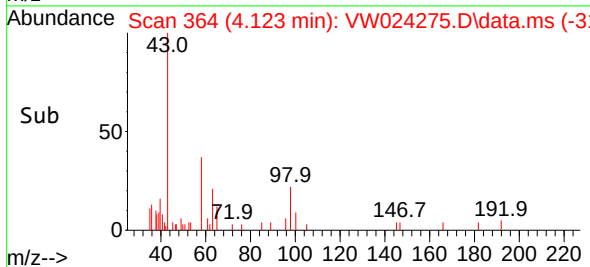
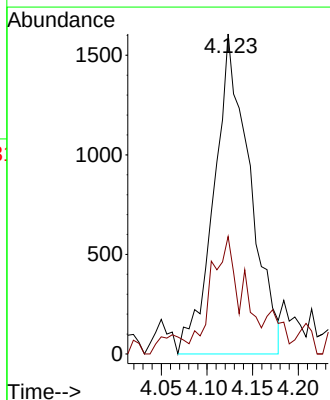
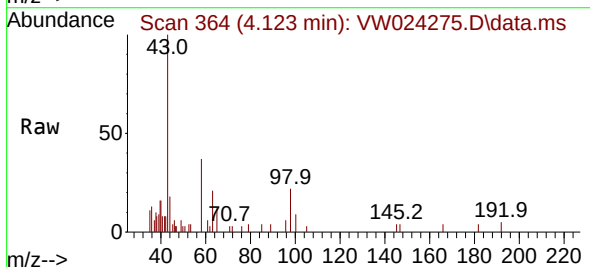
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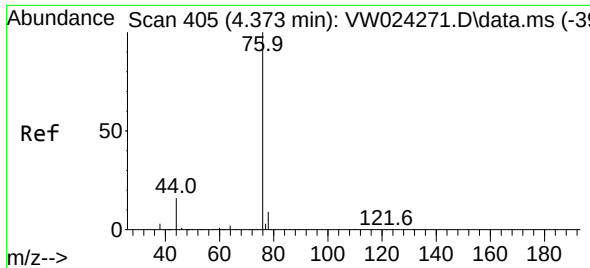
Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#13
Acetone
Concen: 6.063 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

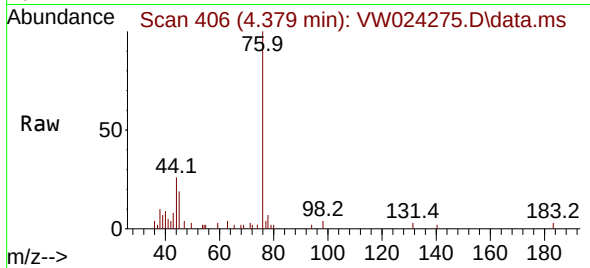
Tgt Ion: 43 Resp: 4379
Ion Ratio Lower Upper
43 100
58 13.9 0.0 31.8





#14
Carbon disulfide
Concen: 1.014 ug/L
RT: 4.379 min Scan# 405
Delta R.T. 0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

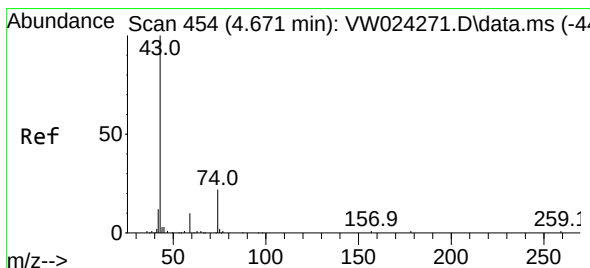
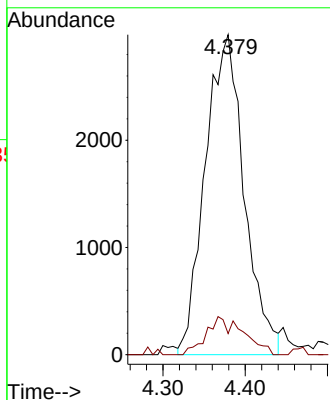
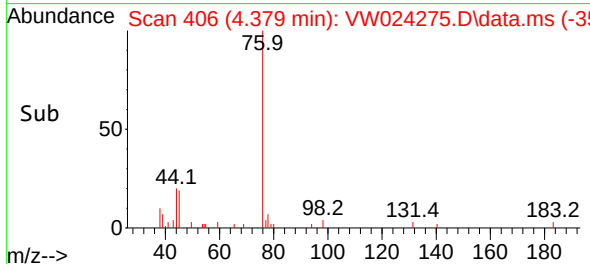
Instrument :
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MDL-SOIL-QT2-2022-03



Tgt Ion: 76 Resp: 984
Ion Ratio Lower Upper
76 100
78 6.6 7.9 11.9

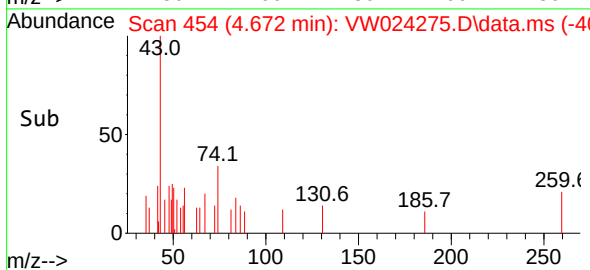
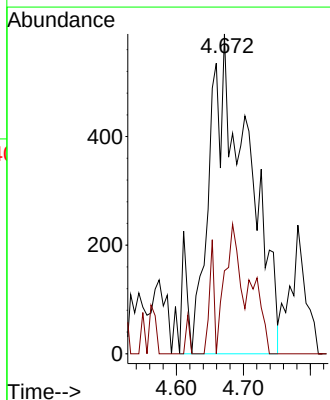
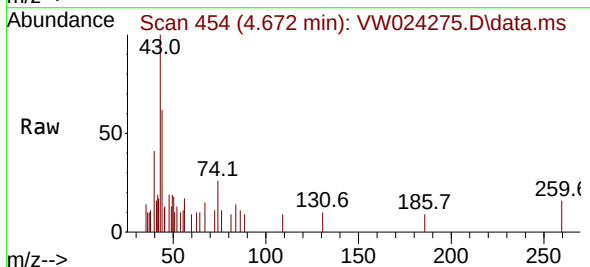
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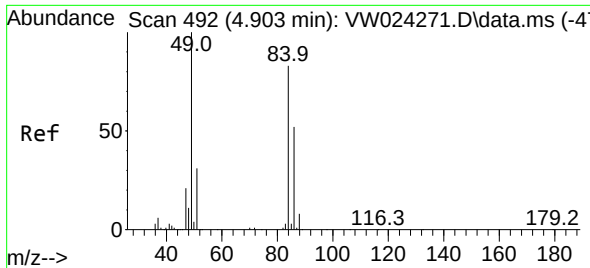
Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#15
Methyl Acetate
Concen: 1.524 ug/L m
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

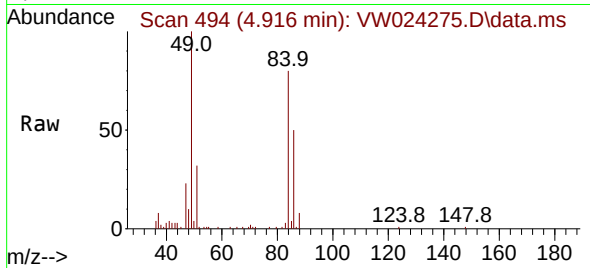
Tgt Ion: 43 Resp: 2480
Ion Ratio Lower Upper
43 100
74 2.4 21.5 32.3





#16
Methylene chloride
Concen: 5.446 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.012 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

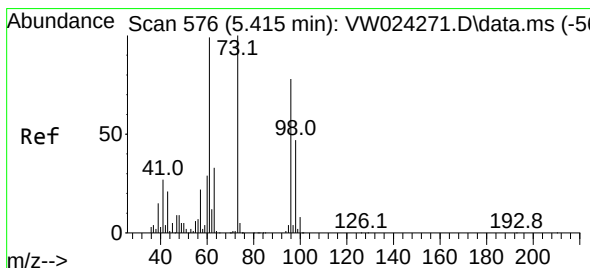
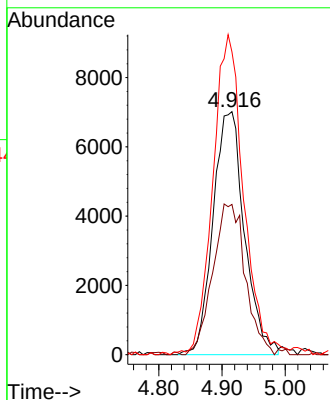
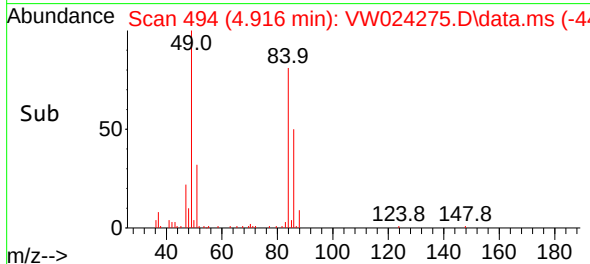
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Tgt Ion: 84 Resp: 2422
Ion Ratio Lower Upper
84 100
86 61.8 42.8 79.6
49 124.5 85.3 158.3

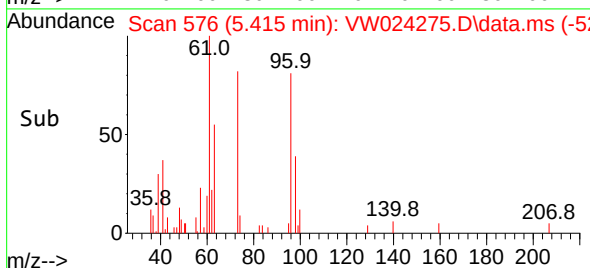
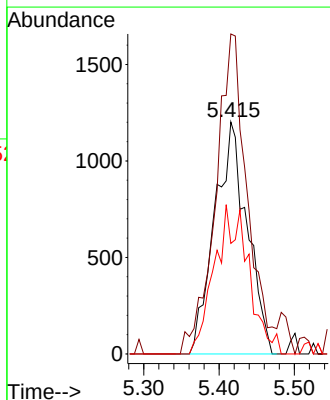
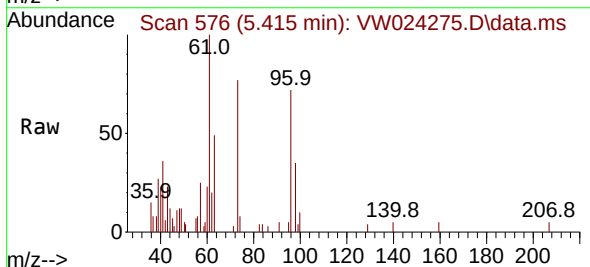
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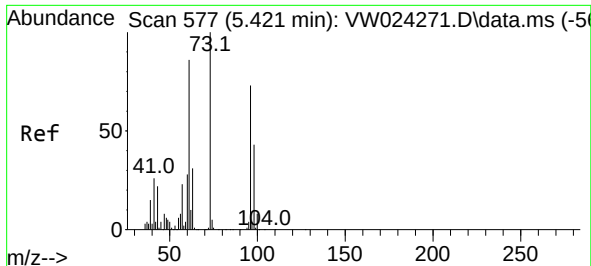
Reviewed By :Semsettin Yesilyurt 08/22/2022
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#17
trans-1,2-Dichloroethene
Concen: 1.032 ug/L m
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

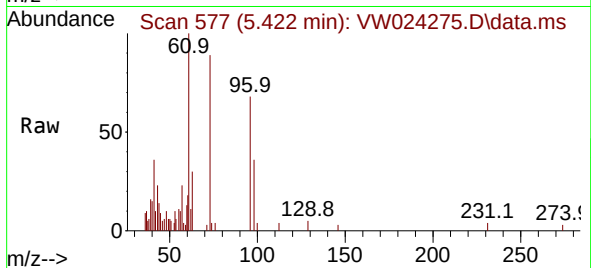
Tgt Ion: 96 Resp: 3614
Ion Ratio Lower Upper
96 100
61 137.9 93.0 172.8
98 47.7 48.5 90.1#





#18
Methyl tert-butyl Ether
Concen: 1.069 ug/L m
RT: 5.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

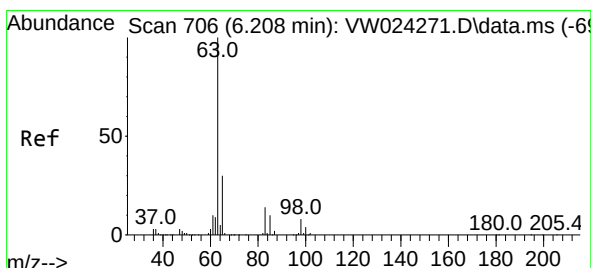
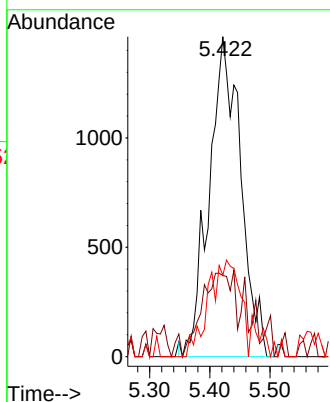
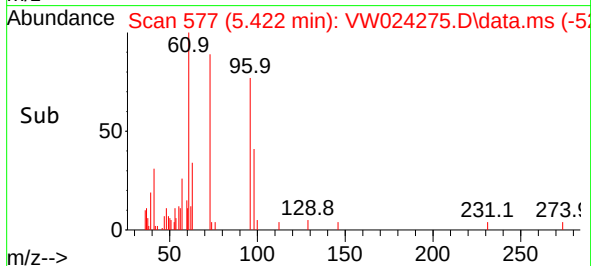
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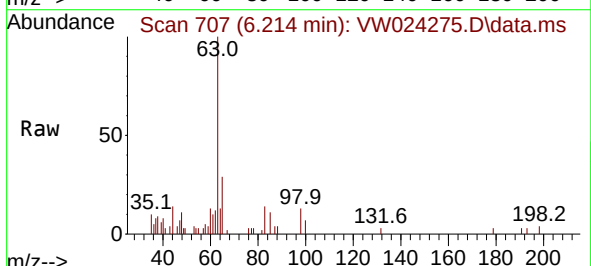
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Ion Ratio Lower Upper
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43 10.1 16.6 24.8
57 19.9 17.6 26.4

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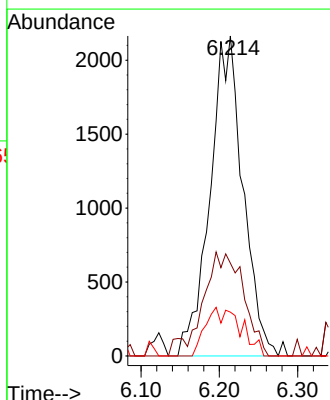
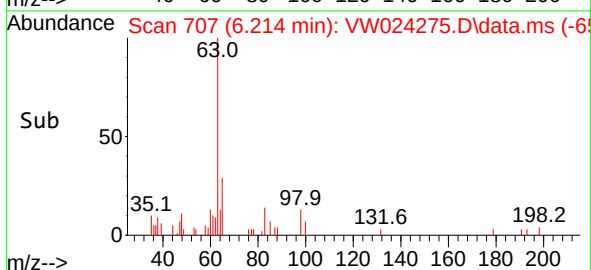
Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022

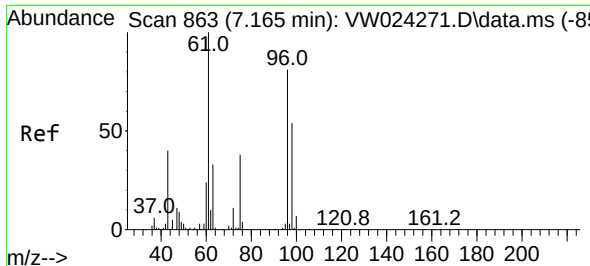


#19
1,1-Dichloroethane
Concen: 1.025 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22



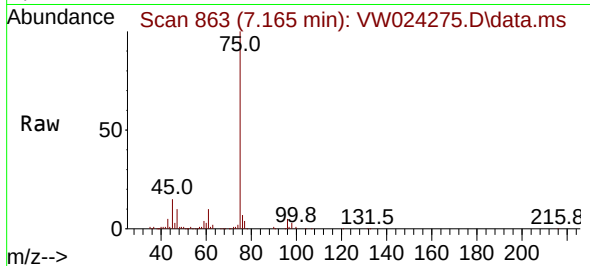
Tgt Ion: 63 Resp: 6322
Ion Ratio Lower Upper
63 100
65 29.0 22.0 41.0
83 13.7 9.2 17.0





#20
cis-1,2-Dichloroethene
Concen: 1.060 ug/L
RT: 7.165 min Scan# 80
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

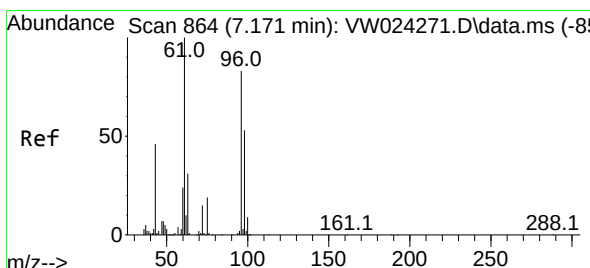
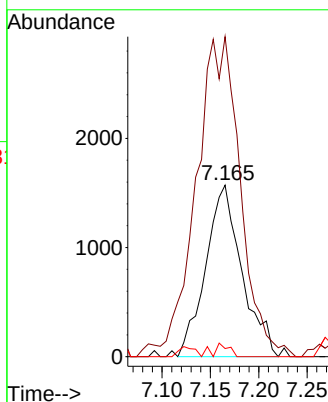
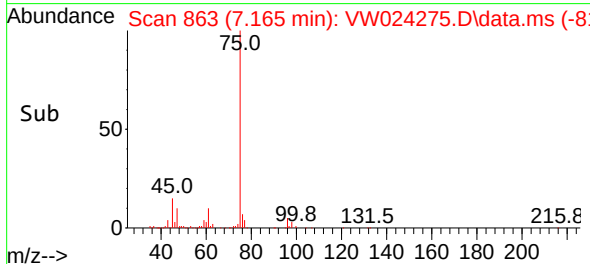
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03



Tgt Ion: 96 Resp: 407
Ion Ratio Lower Upper
96 100
61 168.5 89.5 166.3
68 4.3 0.1 0.1

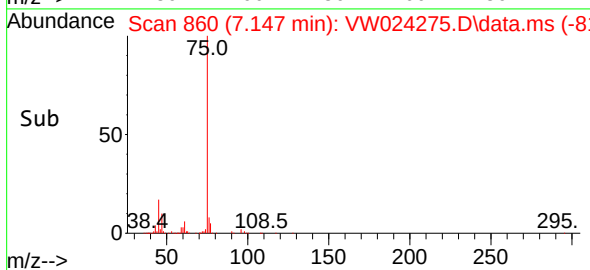
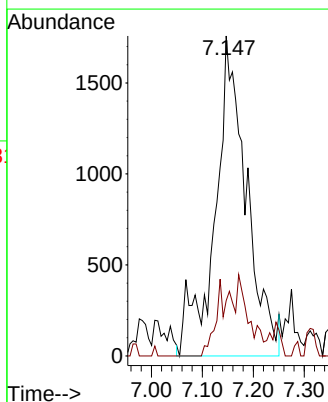
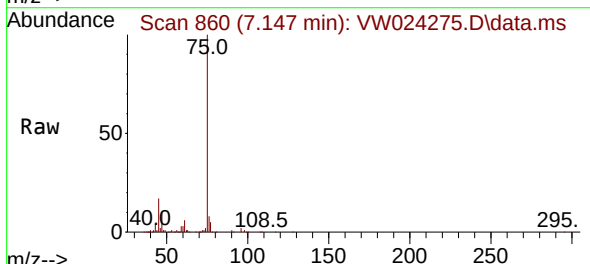
Manual Integrations
APPROVED

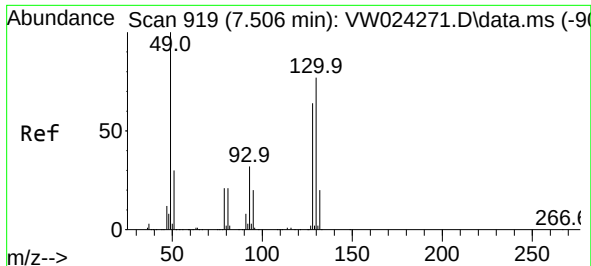
Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#22
2-Butanone
Concen: 6.157 ug/L m
RT: 7.147 min Scan# 860
Delta R.T. -0.024 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

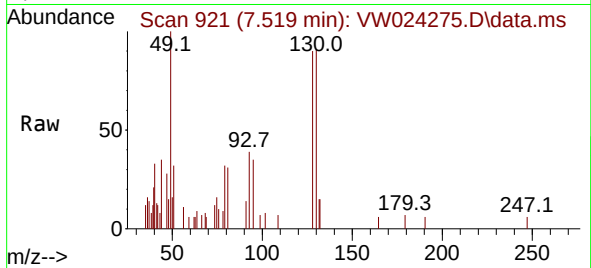
Tgt Ion: 43 Resp: 7494
Ion Ratio Lower Upper
43 100
72 1.5 14.3 42.9





#23
Bromochloromethane
Concen: 1.124 ug/L m
RT: 7.519 min Scan# 919
Delta R.T. 0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

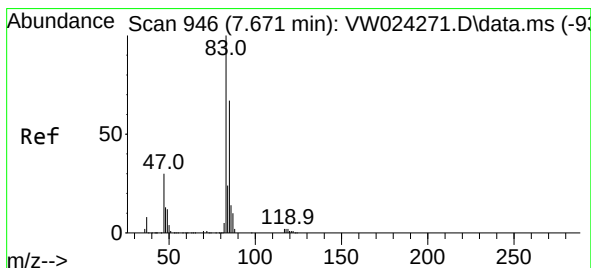
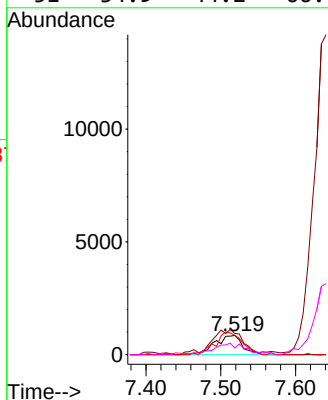
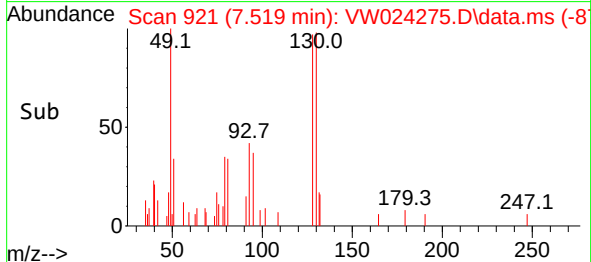
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03



Tgt Ion:128 Resp: 2154
Ion Ratio Lower Upper
128 100
49 110.9 106.6 198.0
130 100.8 88.1 163.5
51 34.9 44.2 66.4#

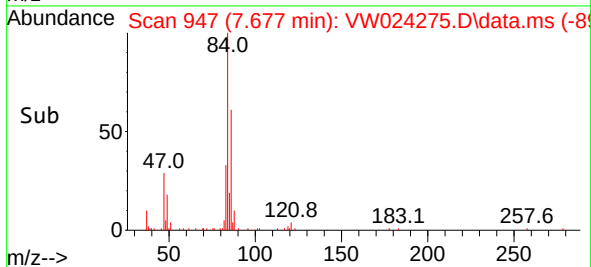
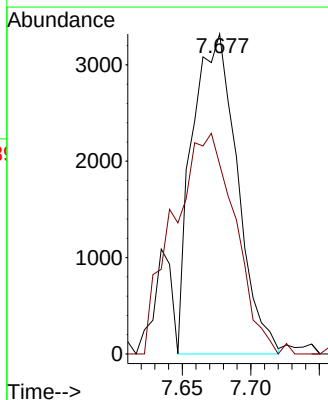
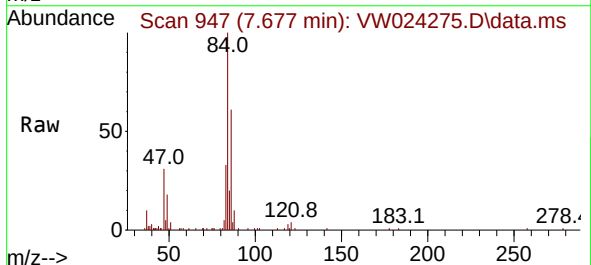
Manual Integrations
APPROVED

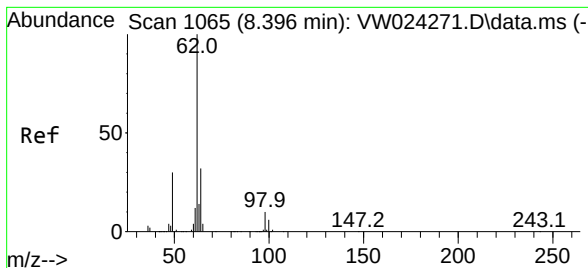
Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#25
Chloroform
Concen: 1.115 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

Tgt Ion: 83 Resp: 7578
Ion Ratio Lower Upper
83 100
85 59.3 42.9 79.7





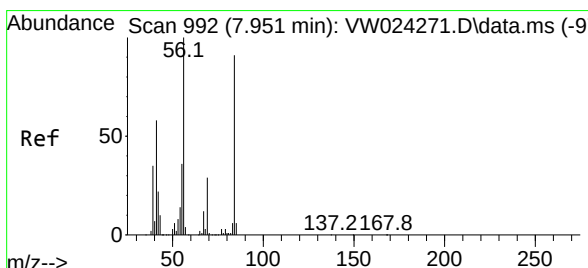
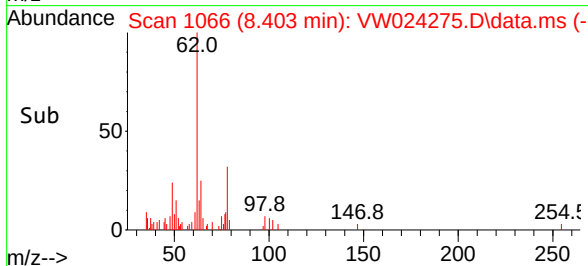
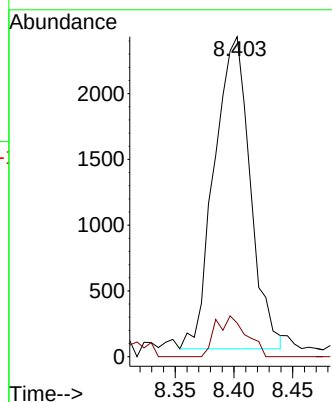
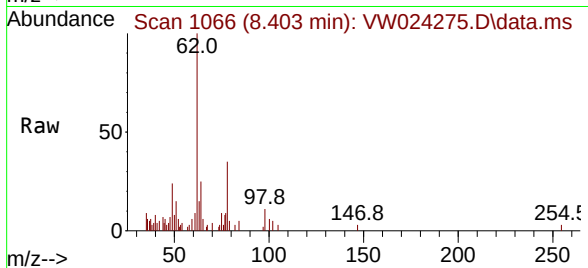
#27
1,2-Dichloroethane
Concen: 1.102 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.012 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03

Tgt Ion: 62 Resp: 504
Ion Ratio Lower Upper
62 100
98 10.5 7.4 11.0

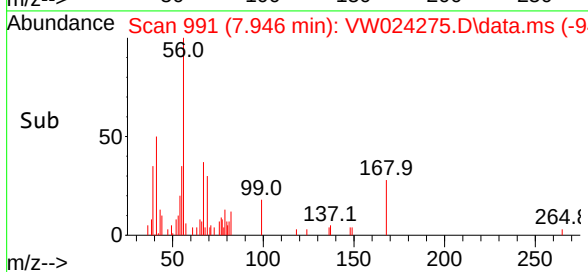
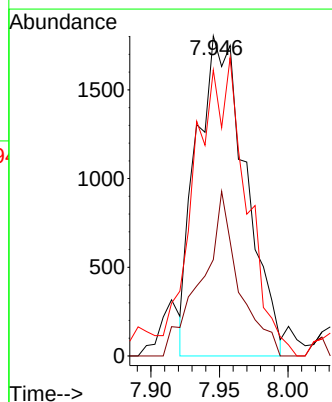
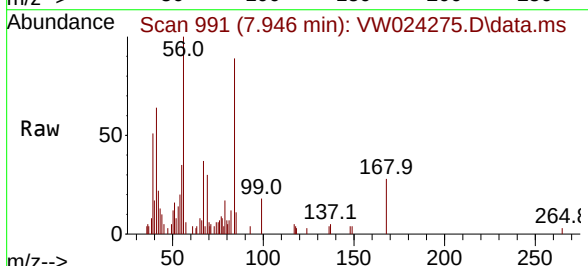
Manual Integrations
APPROVED

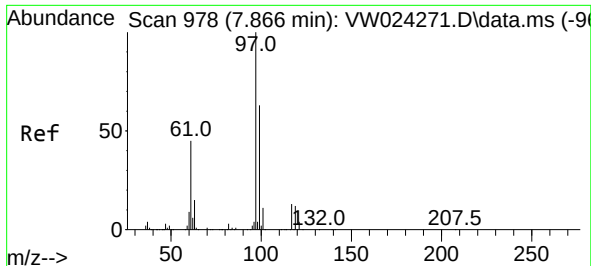
Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#29
Cyclohexane
Concen: 0.892 ug/L
RT: 7.946 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

Tgt Ion: 56 Resp: 4516
Ion Ratio Lower Upper
56 100
69 38.6 24.5 36.7#
84 96.6 75.5 113.3





#30

1,1,1-Trichloroethane

Concen: 1.022 ug/L

RT: 7.866 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2022-03

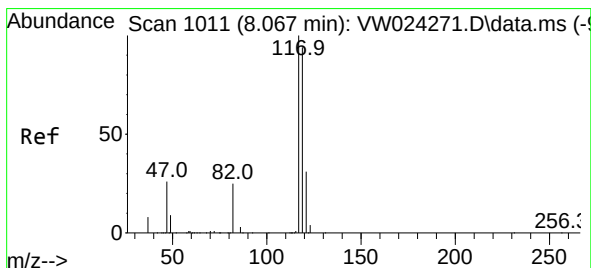
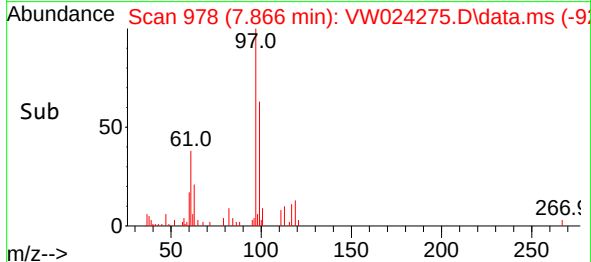
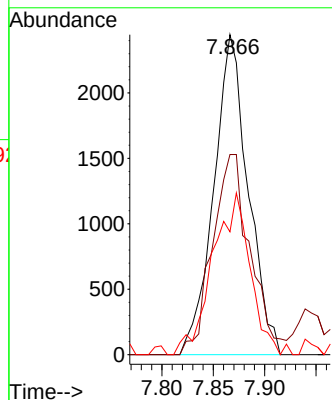
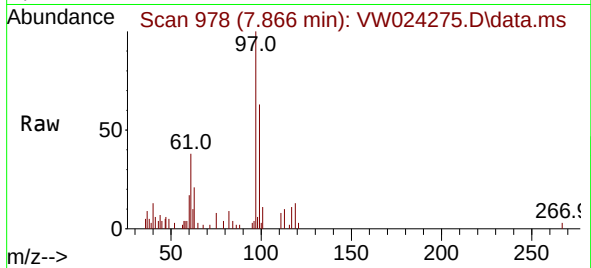
Tgt Ion: 97	Resp: 569
Ion Ratio	Lower Upper
97 100	
99 59.9	51.0 76.6
61 52.5	36.2 54.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/22/2022

Supervised By :Mahesh Dadoda 08/22/2022



#31

Carbon tetrachloride

Concen: 0.964 ug/L

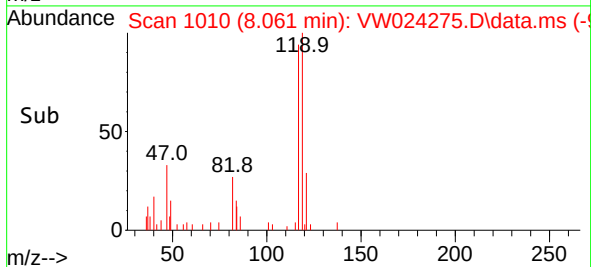
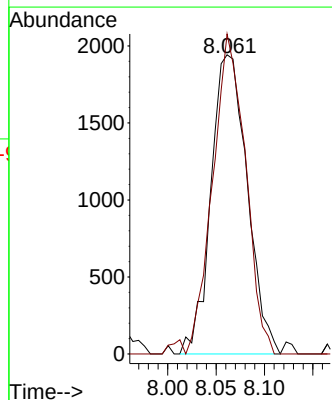
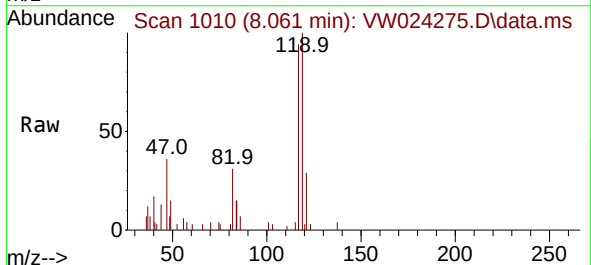
RT: 8.061 min Scan# 1010

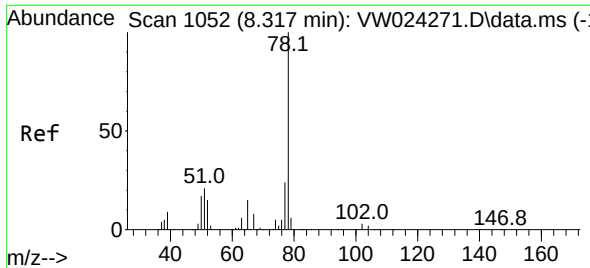
Delta R.T. -0.006 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

Tgt Ion: 117	Resp: 5065
Ion Ratio	Lower Upper
117 100	
119 96.6	77.8 116.8





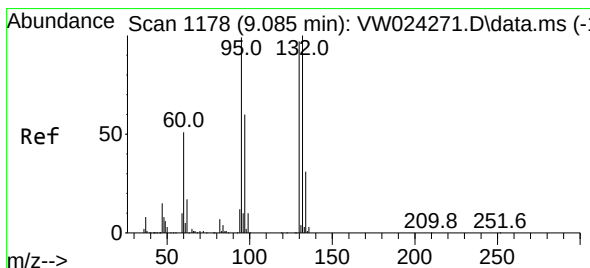
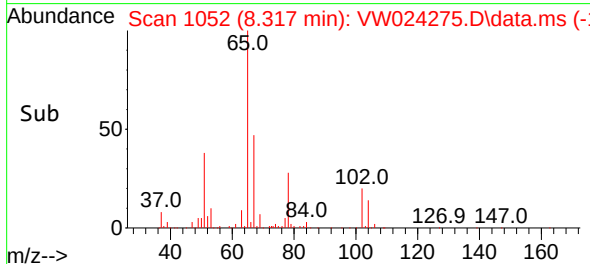
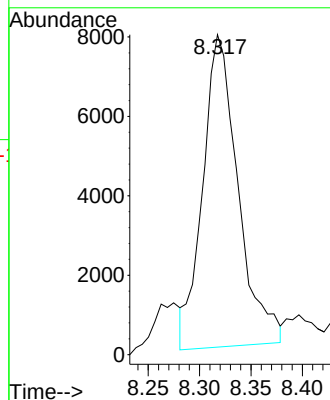
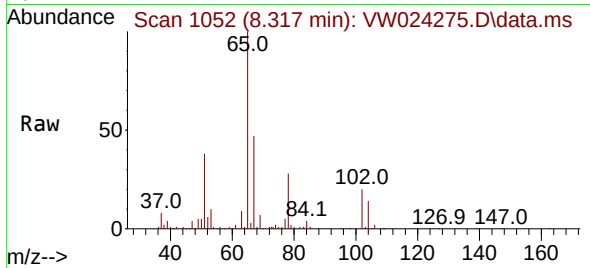
#33
Benzene
Concen: 1.289 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03

Tgt Ion: 78 Resp: 18804

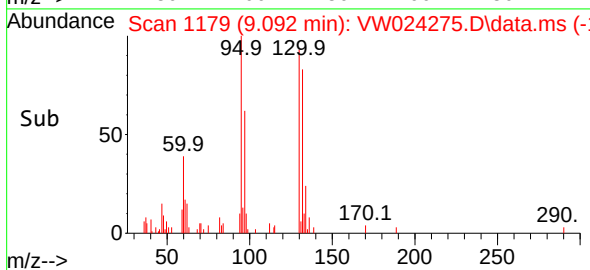
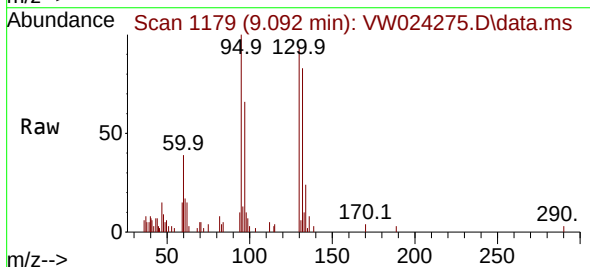
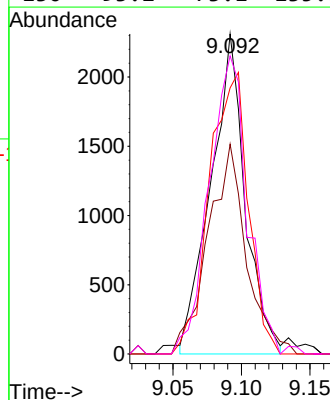
Manual Integrations
APPROVED

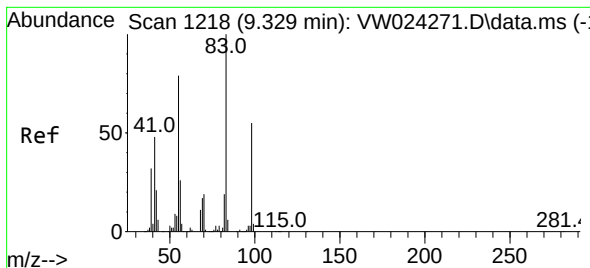
Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#34
Trichloroethene
Concen: 1.046 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

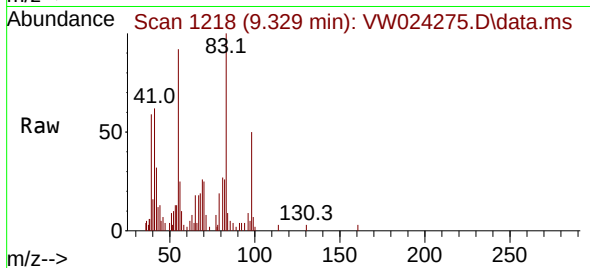
Tgt Ion: 95 Resp: 4033
Ion Ratio Lower Upper
95 100
97 65.6 41.6 77.2
132 83.2 67.0 124.4
130 93.2 73.1 135.8





#35
Methylcyclohexane
Concen: 0.862 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

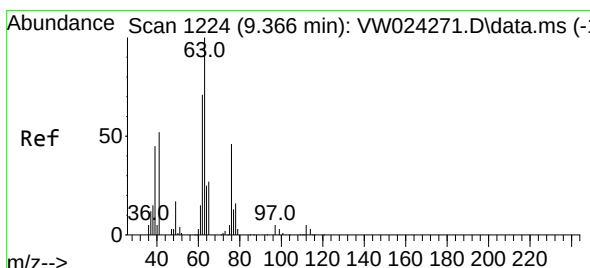
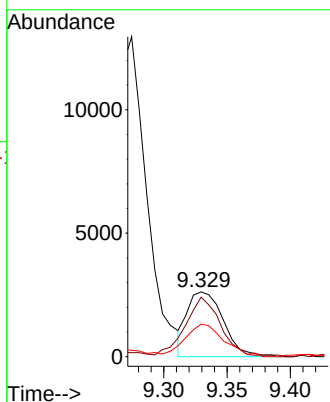
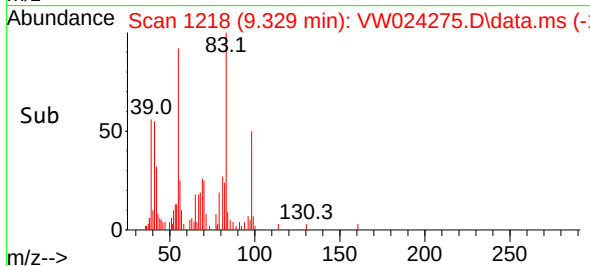
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03



Tgt Ion: 83 Resp: 521
Ion Ratio Lower Upper
83 100
55 89.3 59.1 88.7
98 53.7 40.8 61.2

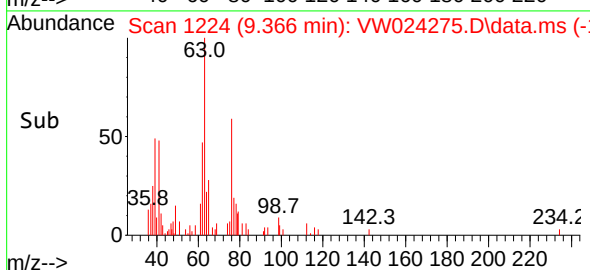
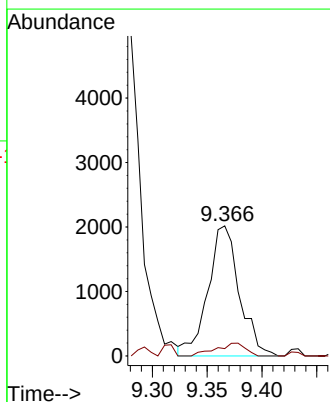
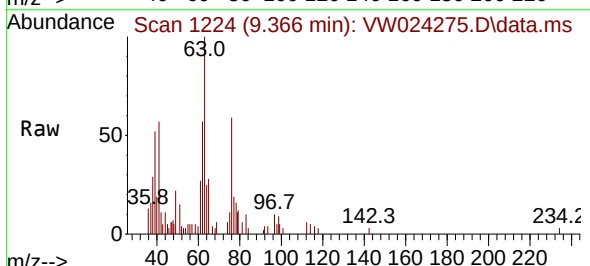
Manual Integrations
APPROVED

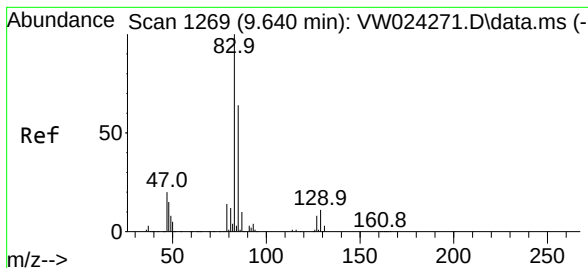
Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#37
1,2-Dichloropropane
Concen: 1.115 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

Tgt Ion: 63 Resp: 4019
Ion Ratio Lower Upper
63 100
112 9.3 3.8 5.6





#38

Bromodichloromethane

Concen: 1.025 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

Instrument :

MSVOA_W

ClientSampleId :

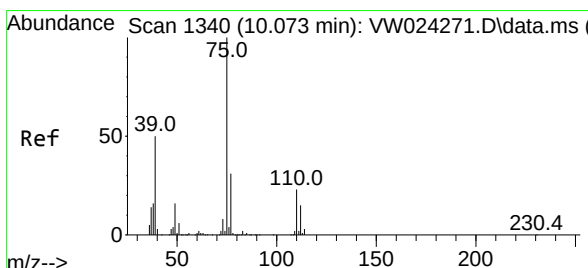
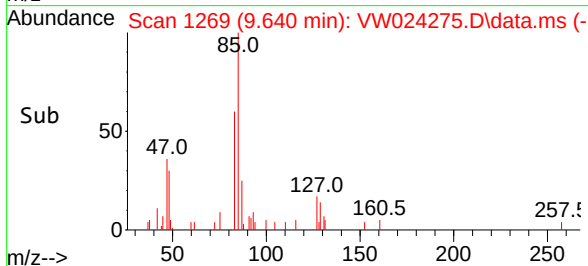
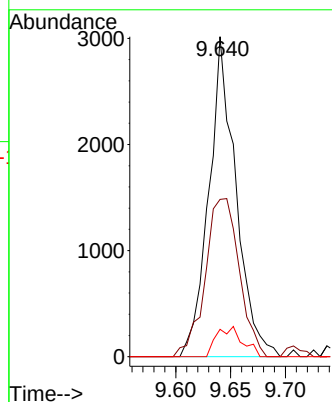
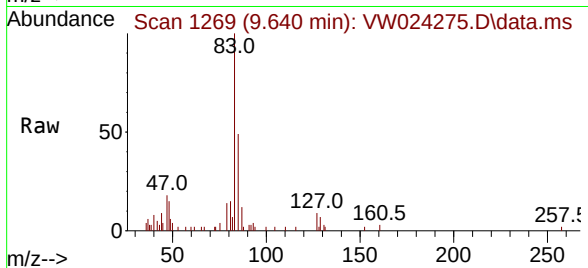
MDL-SOIL-QT2-2022-03

Tgt Ion:	83	Resp:	518
Ion Ratio	Lower	Upper	
83	100		
85	49.2	43.7	81.1
127	8.6	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#39

cis-1,3-Dichloropropene

Concen: 1.039 ug/L

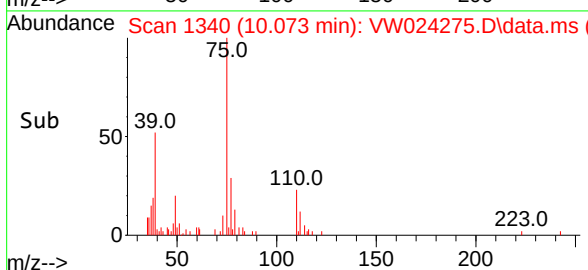
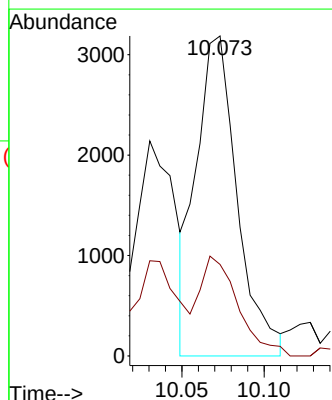
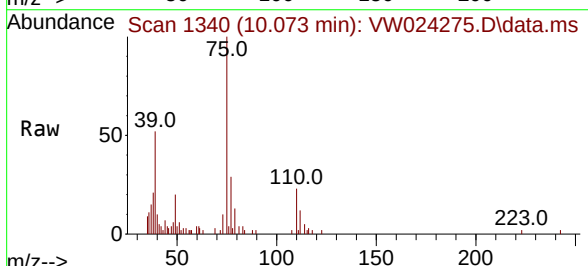
RT: 10.073 min Scan# 1340

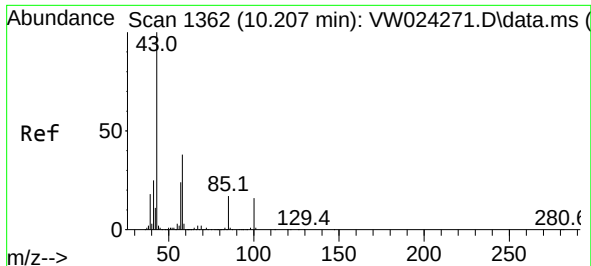
Delta R.T. 0.006 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

Tgt Ion:	75	Resp:	5512
Ion Ratio	Lower	Upper	
75	100		
77	28.6	23.4	43.6





#40

4-Methyl-2-pentanone

Concen: 2.151 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024275.D

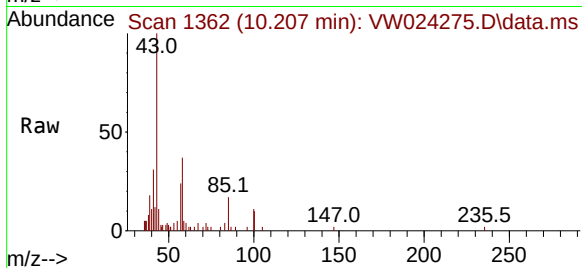
Acq: 18 Aug 2022 15:22

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2022-03

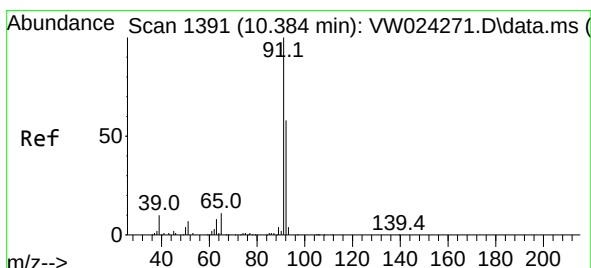
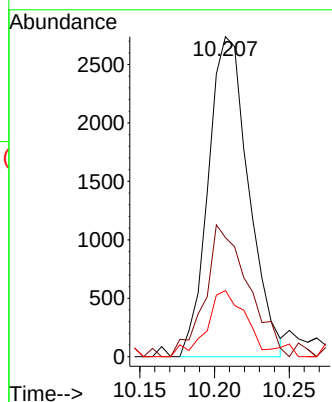
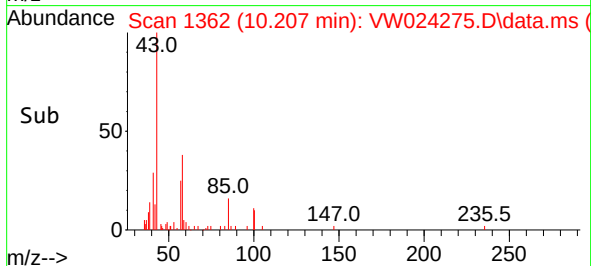


Tgt Ion:	43	Resp:	514
Ion Ratio	100	Lower	Upper
43	100		
58	43.7	30.5	45.7
100	19.6	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#42

Toluene

Concen: 1.027 ug/L

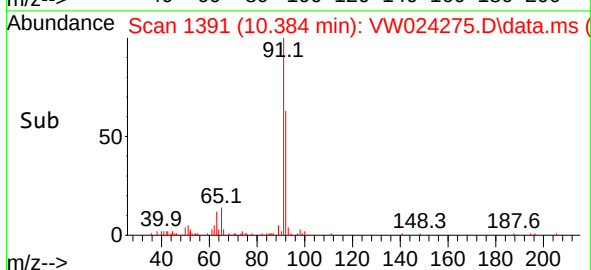
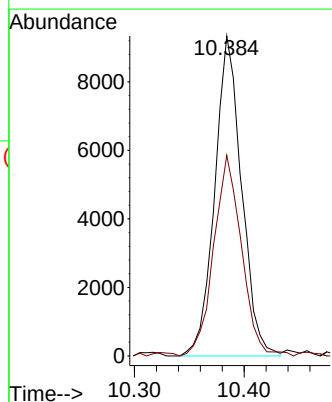
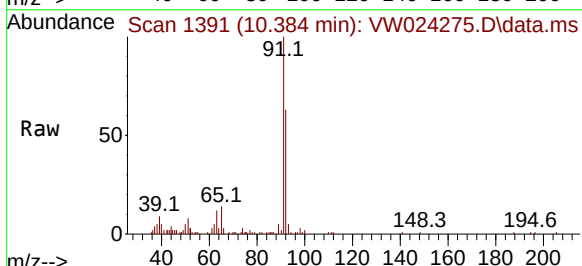
RT: 10.384 min Scan# 1391

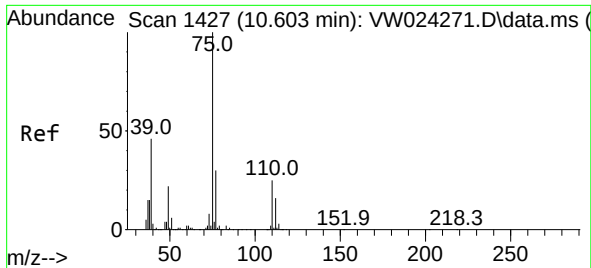
Delta R.T. 0.000 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

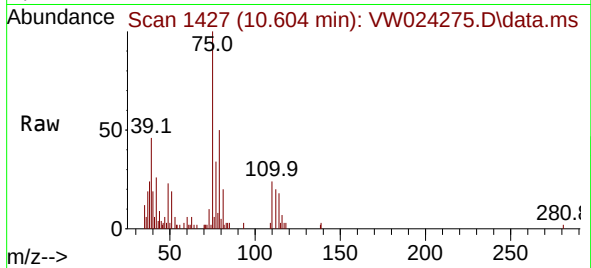
Tgt Ion:	91	Resp:	15910
Ion Ratio	100	Lower	Upper
91	100		
92	62.7	41.4	77.0





#44
trans-1,3-Dichloropropene
Concen: 1.532 ug/L m
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

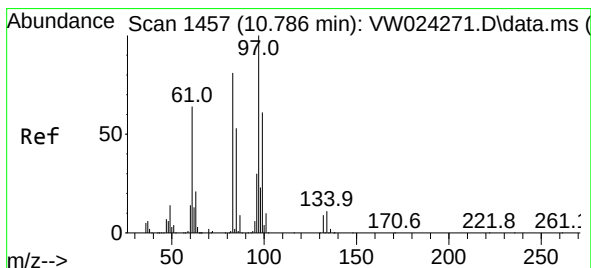
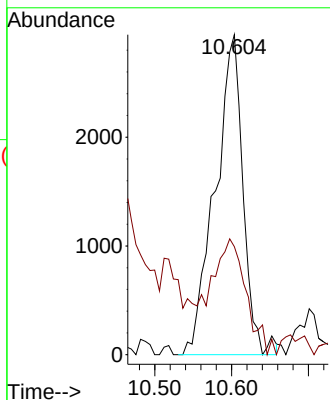
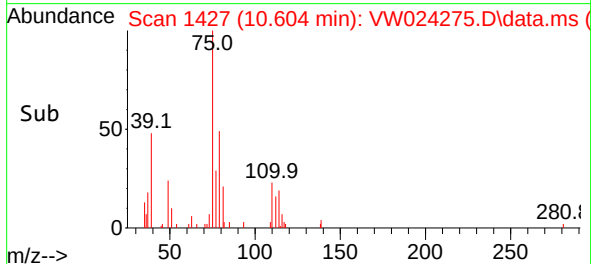
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03



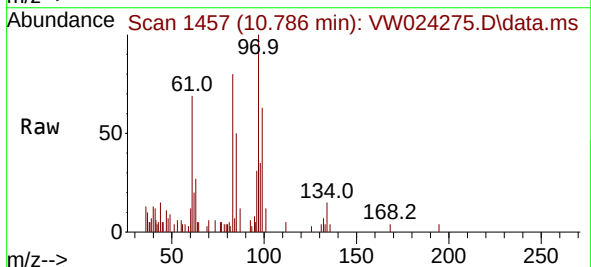
Tgt Ion: 75 Resp: 7425
Ion Ratio Lower Upper
75 100
77 33.7 22.4 41.6

Manual Integrations
APPROVED

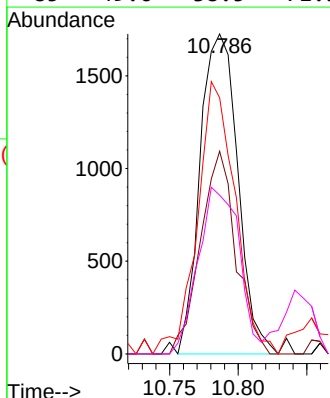
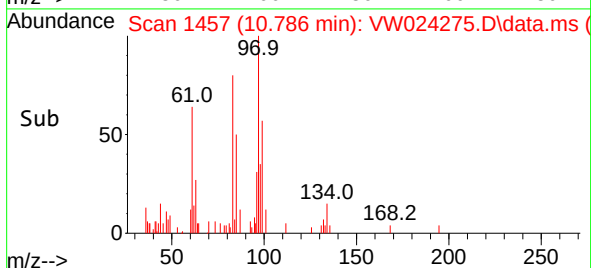
Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022

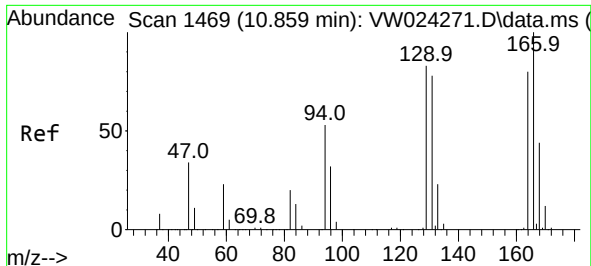


#45
1,1,2-Trichloroethane
Concen: 1.086 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22



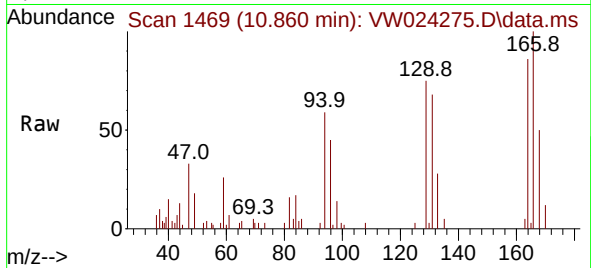
Tgt Ion: 97 Resp: 3299
Ion Ratio Lower Upper
97 100
99 63.3 43.8 81.3
83 80.1 56.4 104.7
85 49.6 38.5 71.5





#46
Tetrachloroethene
Concen: 1.043 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

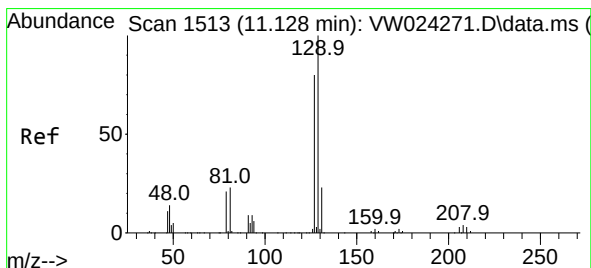
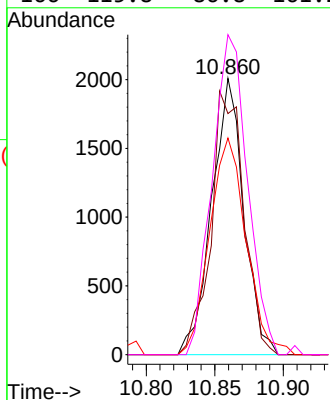
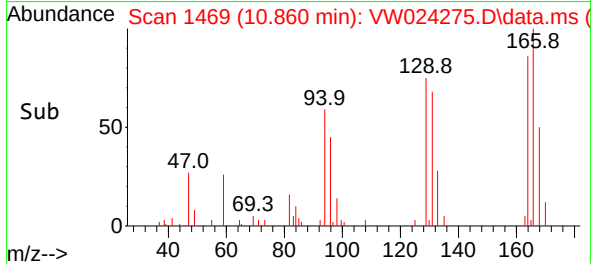
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03



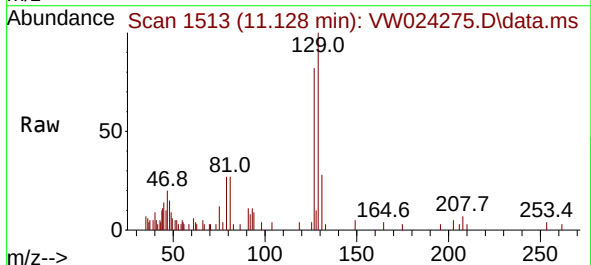
Tgt Ion:164 Resp: 3250
Ion Ratio Lower Upper
164 100
129 87.3 63.1 117.3
131 78.4 63.9 118.7
166 115.8 86.8 161.2

Manual Integrations
APPROVED

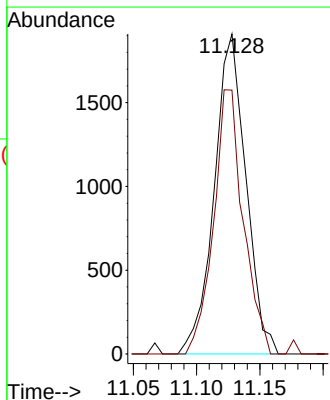
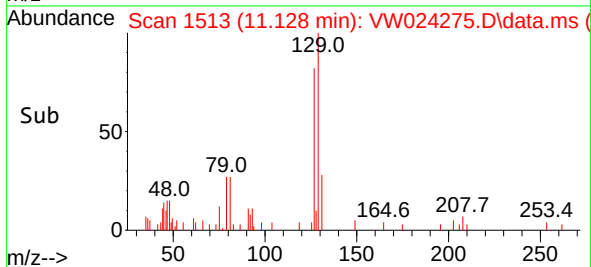
Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022

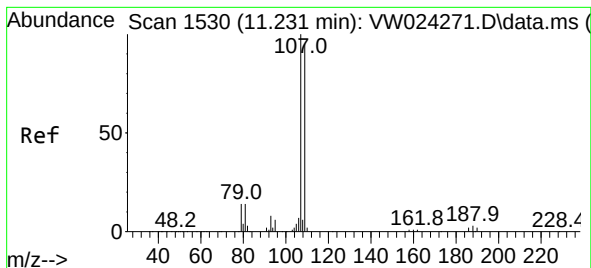


#49
Dibromochloromethane
Concen: 0.908 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22



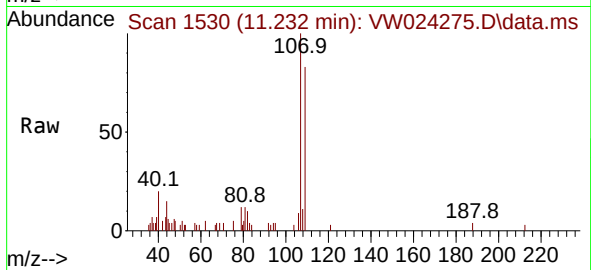
Tgt Ion:129 Resp: 3322
Ion Ratio Lower Upper
129 100
127 82.5 52.3 97.1





#50
1,2-Dibromoethane
Concen: 1.068 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

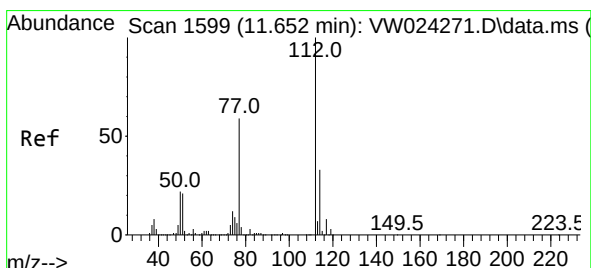
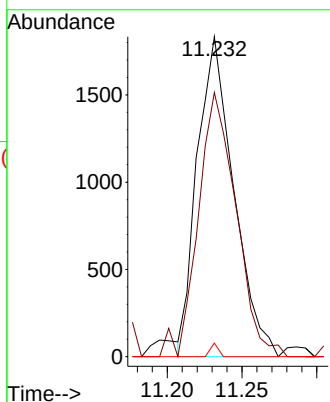
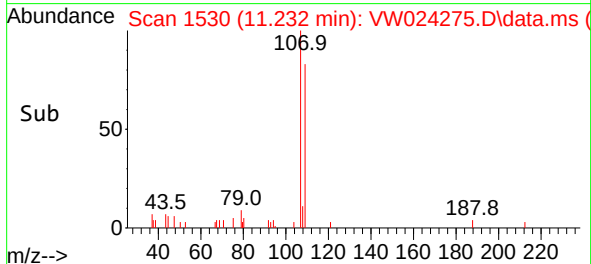
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03



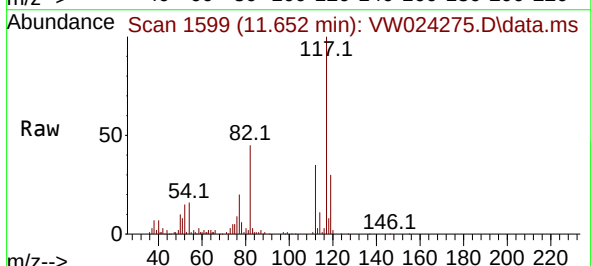
Tgt Ion:107 Resp: 3108
Ion Ratio Lower Upper
107 100
109 82.6 64.0 119.0
188 4.3 3.1 4.7

Manual Integrations
APPROVED

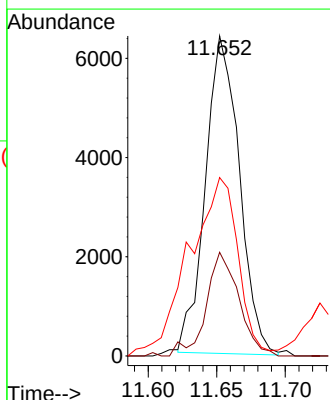
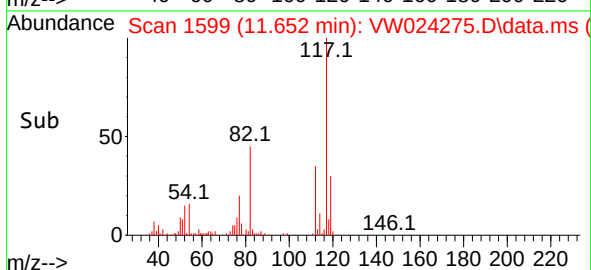
Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022

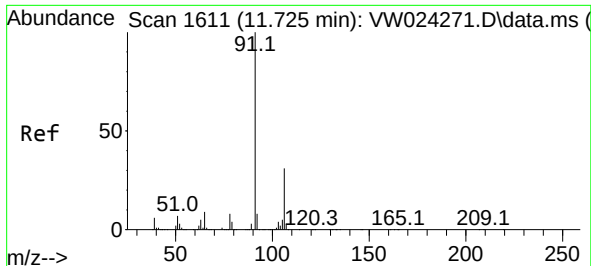


#51
Chlorobenzene
Concen: 1.044 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22



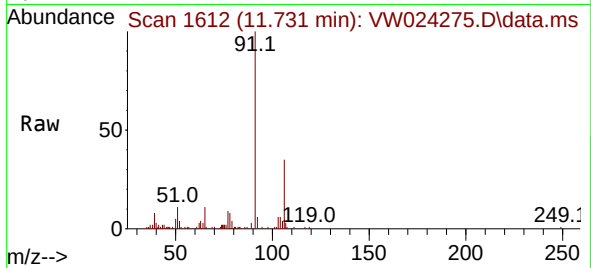
Tgt Ion:112 Resp: 11050
Ion Ratio Lower Upper
112 100
114 32.4 20.7 38.5
77 55.8 41.4 62.2





#52
Ethylbenzene
Concen: 0.888 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

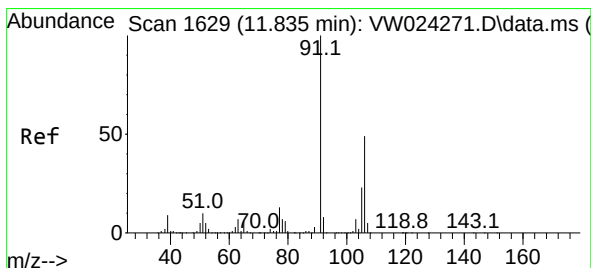
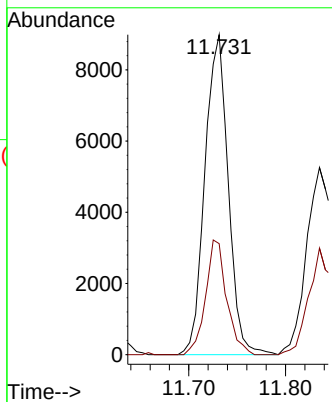
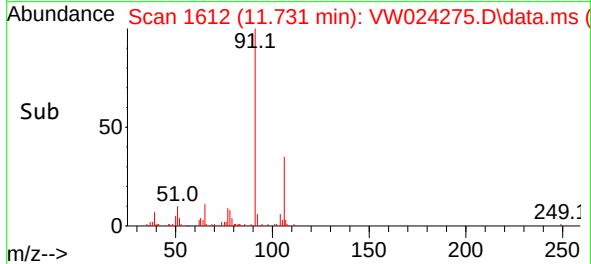
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03



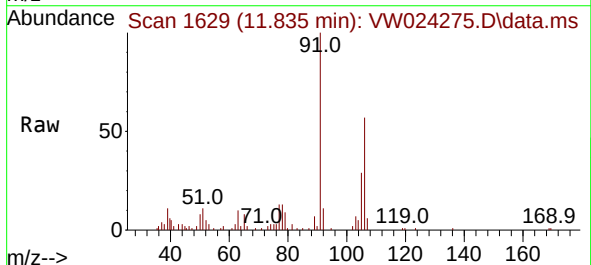
Tgt Ion: 91 Resp: 15078
Ion Ratio Lower Upper
91 100
106 34.7 21.9 40.7

Manual Integrations
APPROVED

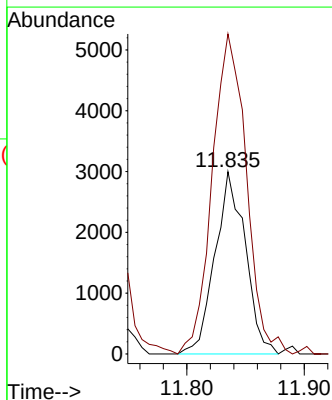
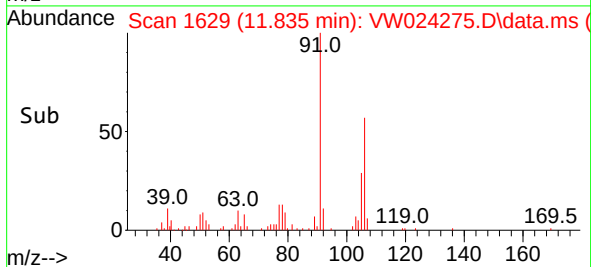
Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022

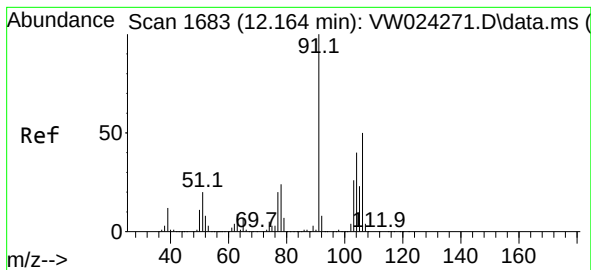


#53
m,p-Xylene
Concen: 0.813 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22



Tgt Ion:106 Resp: 5376
Ion Ratio Lower Upper
106 100
91 175.6 144.1 267.7





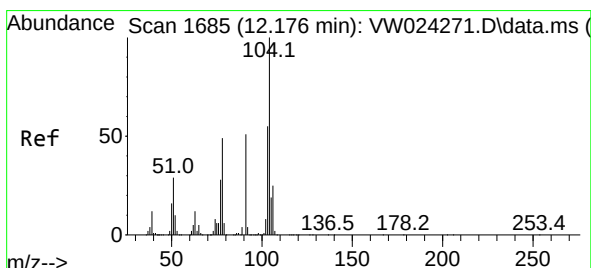
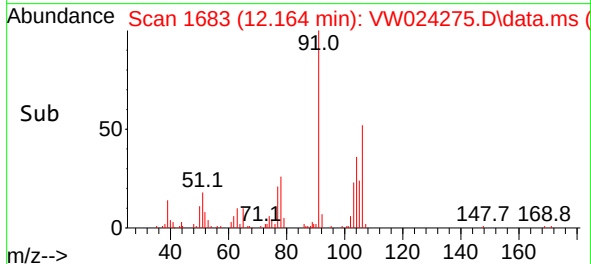
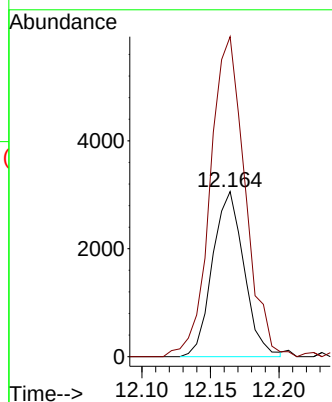
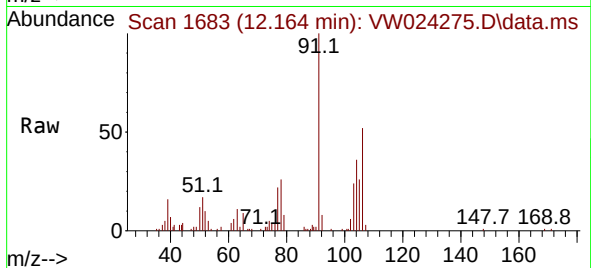
#54
o-Xylene
Concen: 0.783 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03

Tgt Ion:106 Resp: 4890
Ion Ratio Lower Upper
106 100
91 193.7 150.9 280.3

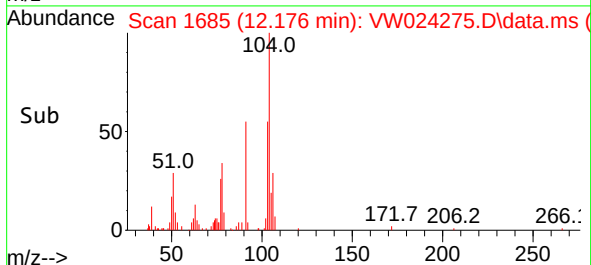
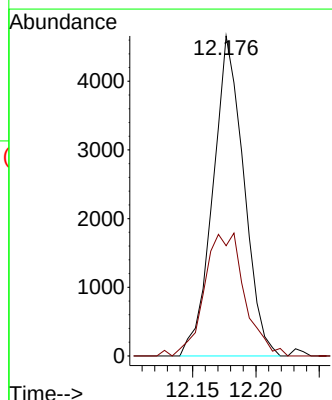
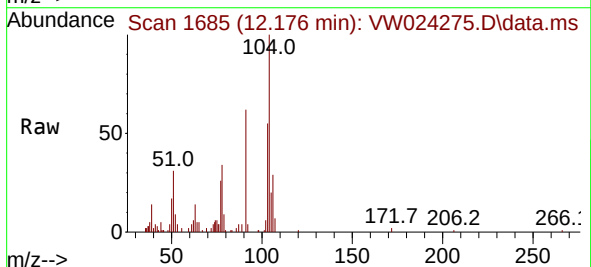
Manual Integrations
APPROVED

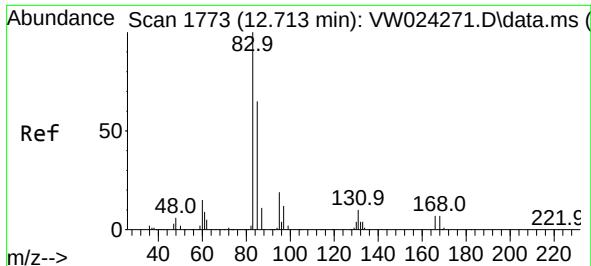
Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#55
Styrene
Concen: 0.727 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

Tgt Ion:104 Resp: 7897
Ion Ratio Lower Upper
104 100
78 34.4 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.944 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VW024275.D

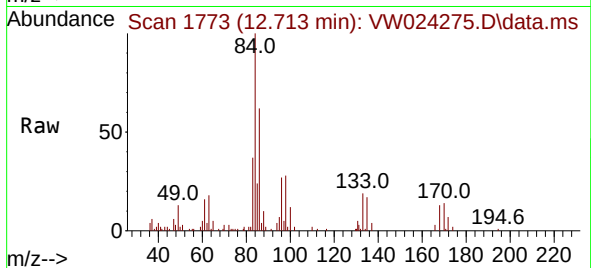
Acq: 18 Aug 2022 15:22

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2022-03

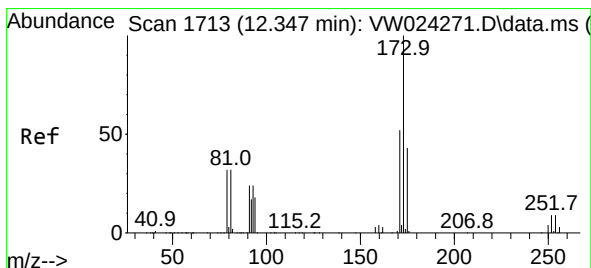
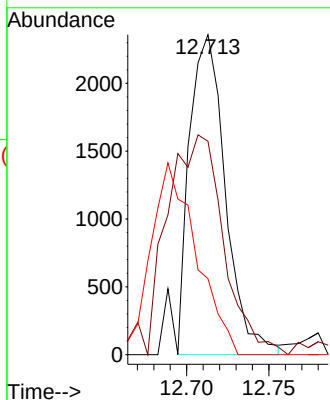
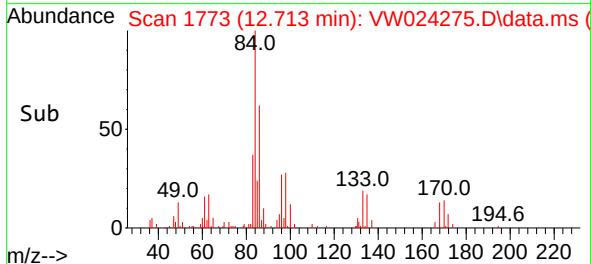


Tgt Ion:	83	Resp:	3580
Ion Ratio	Lower	Upper	
83	100		
85	66.7	44.1	81.9
131	23.7	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#59

Bromoform

Concen: 0.975 ug/L

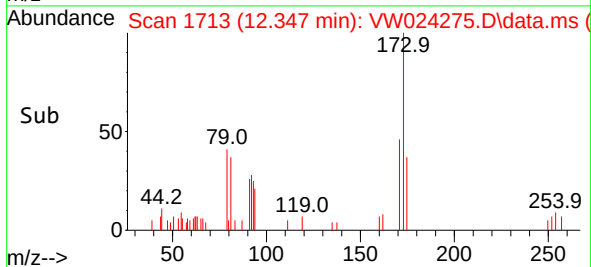
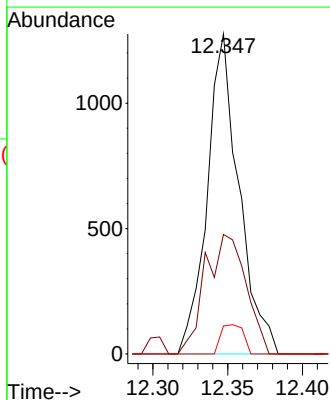
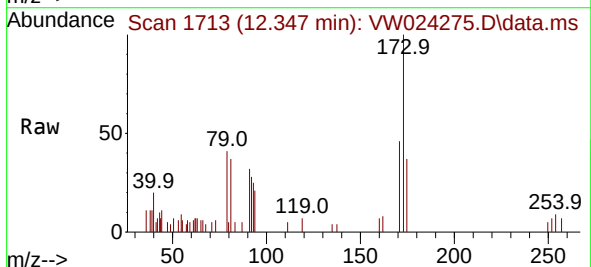
RT: 12.347 min Scan# 1713

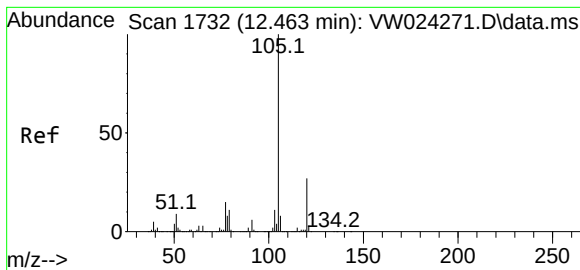
Delta R.T. 0.000 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

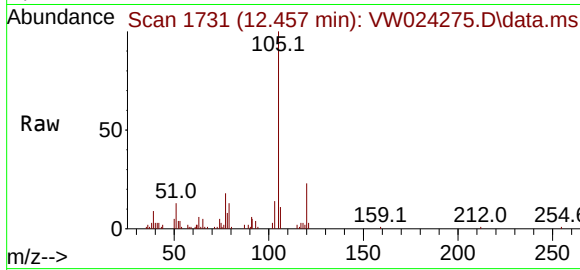
Tgt Ion:	173	Resp:	1885
Ion Ratio	Lower	Upper	
173	100		
175	47.8	39.0	58.6
254	6.5	6.8	10.2





#60
Isopropylbenzene
Concen: 0.798 ug/L
RT: 12.457 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

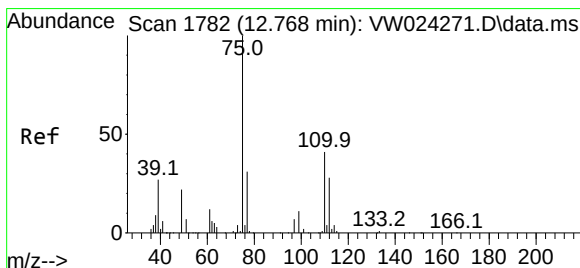
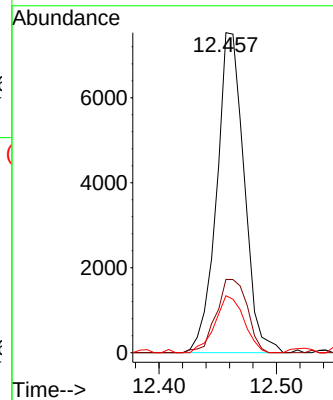
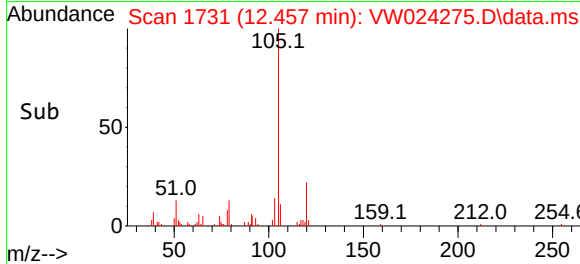
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2022-03



Tgt Ion: 105 Resp: 1224
Ion Ratio Lower Upper
105 100
120 25.3 21.4 32.2
77 18.7 12.4 18.6

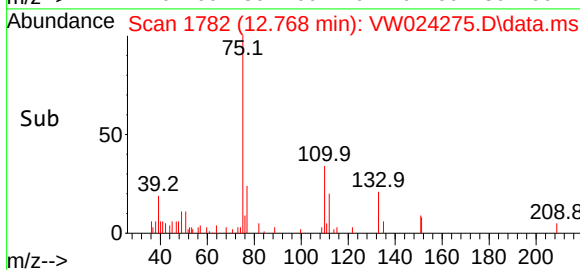
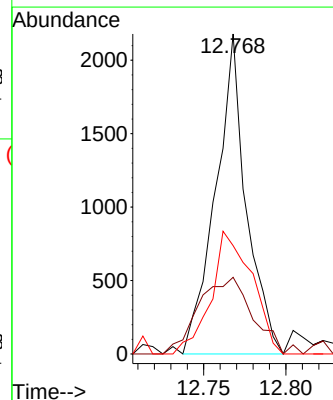
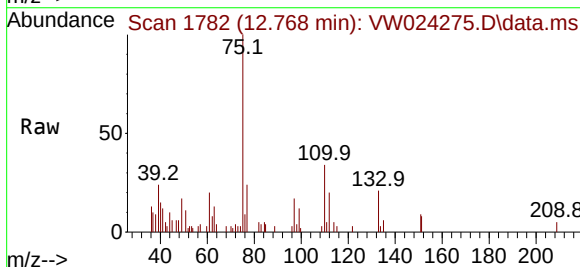
Manual Integrations
APPROVED

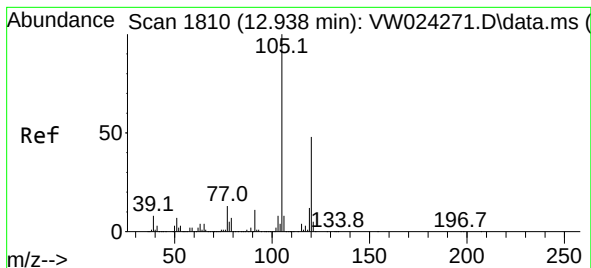
Reviewed By : Semsettin Yesilyurt 08/22/2022
Supervised By : Mahesh Dadoda 08/22/2022



#61
1,2,3-Trichloropropane
Concen: 1.118 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

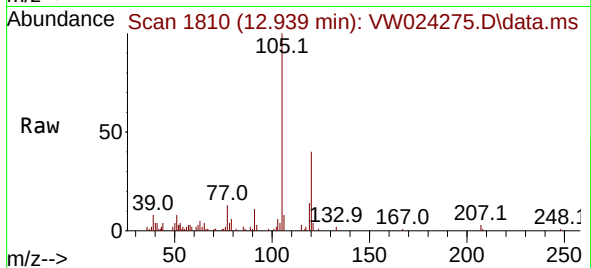
Tgt Ion: 75 Resp: 2821
Ion Ratio Lower Upper
75 100
77 41.7 26.2 39.4#
110 51.2 33.6 50.4#





#62
1,3,5-Trimethylbenzene
Concen: 0.748 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

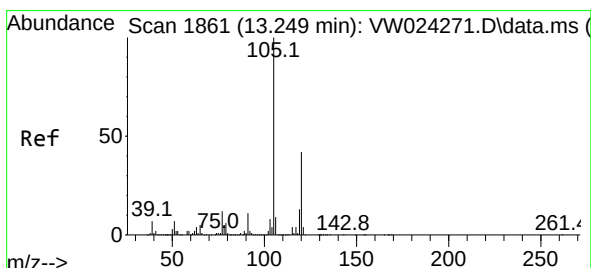
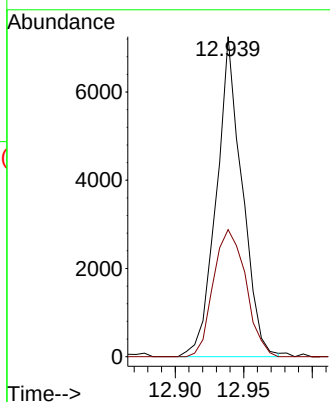
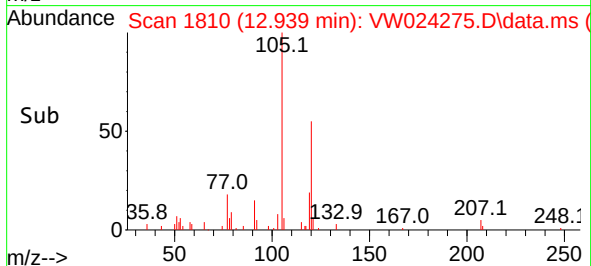
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03



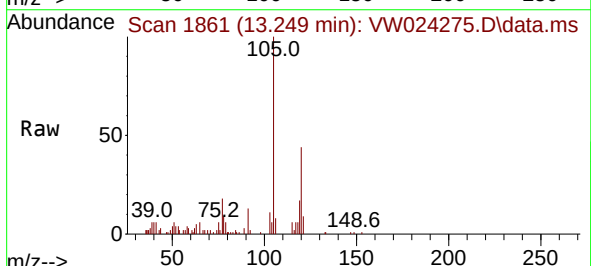
Tgt Ion:105 Resp: 9478
Ion Ratio Lower Upper
105 100
120 50.0 39.7 59.5

Manual Integrations
APPROVED

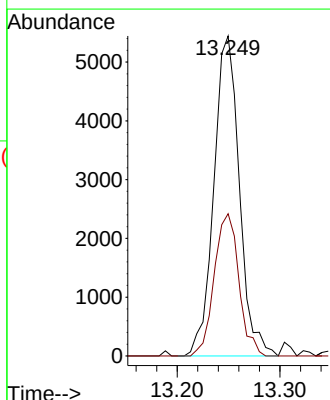
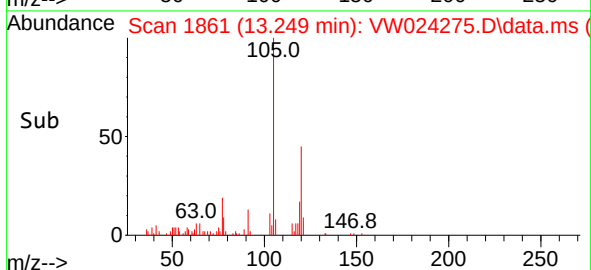
Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022

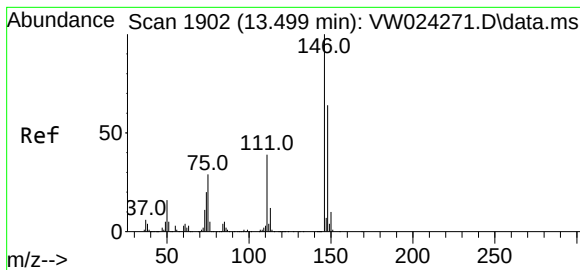


#63
1,2,4-Trimethylbenzene
Concen: 0.751 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22



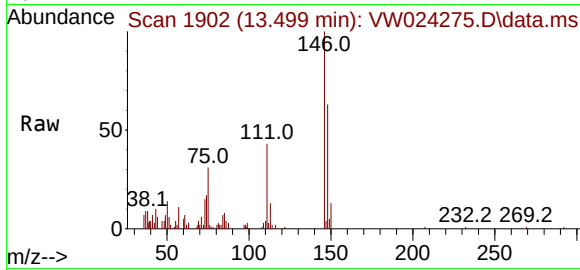
Tgt Ion:105 Resp: 9376
Ion Ratio Lower Upper
105 100
120 43.0 36.4 54.6





#64
1,3-Dichlorobenzene
Concen: 0.932 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

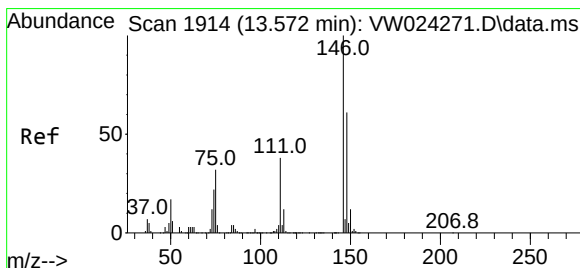
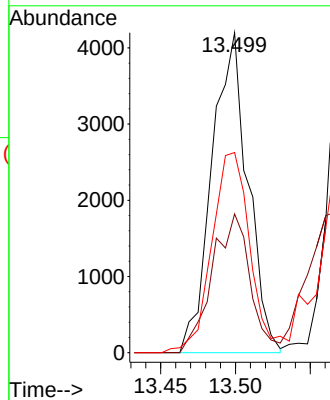
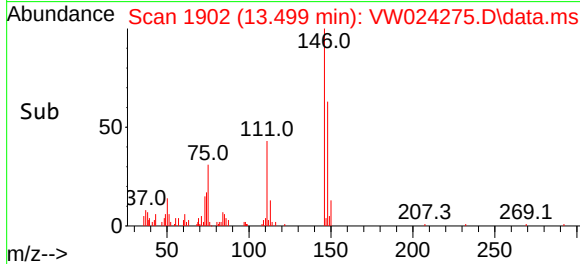
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03



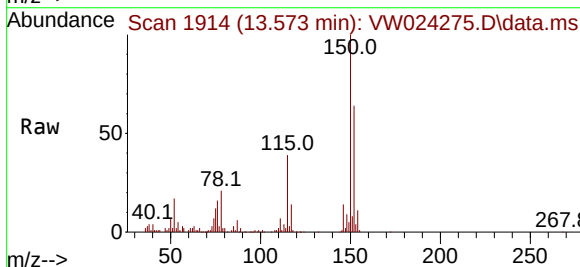
Tgt Ion:146 Resp: 700
Ion Ratio Lower Upper
146 100
111 43.3 28.0 52.0
148 62.5 46.5 86.3

Manual Integrations
APPROVED

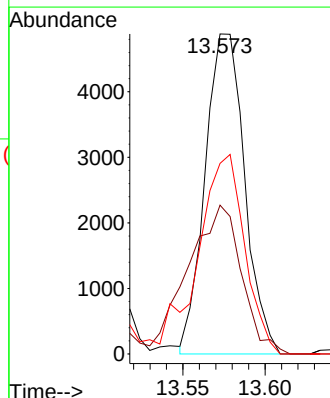
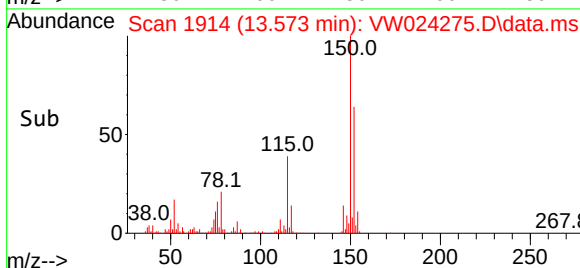
Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022

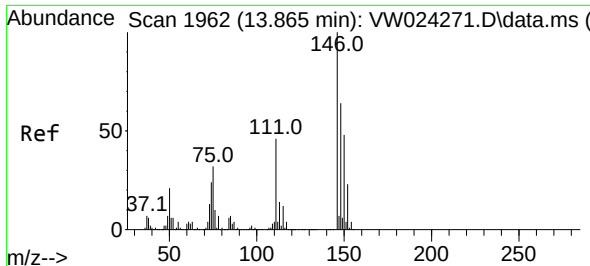


#65
1,4-Dichlorobenzene
Concen: 1.027 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22



Tgt Ion:146 Resp: 8168
Ion Ratio Lower Upper
146 100
111 46.5 27.6 51.4
148 59.5 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 1.121 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

Instrument :

MSVOA_W

ClientSampleId :

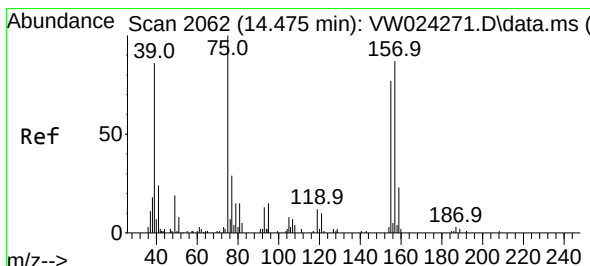
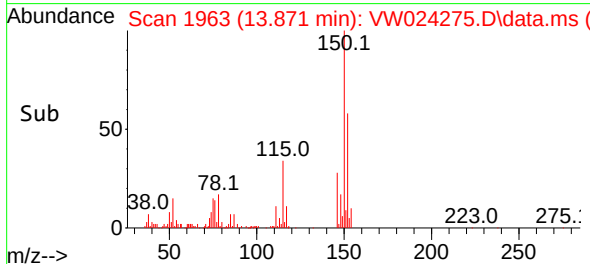
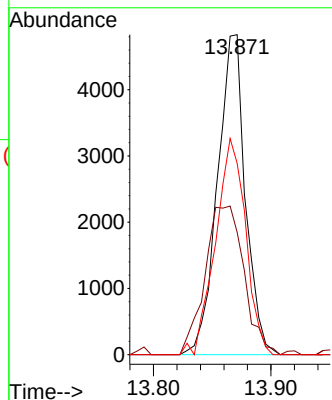
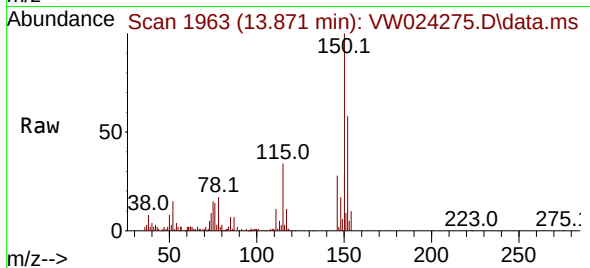
MDL-SOIL-QT2-2022-03

Tgt Ion:	146	Resp:	800
Ion Ratio	Lower	Upper	
146	100		
111	38.3	29.0	43.6
148	59.8	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#68

1,2-Dibromo-3-chloropropane

Concen: 1.403 ug/L m

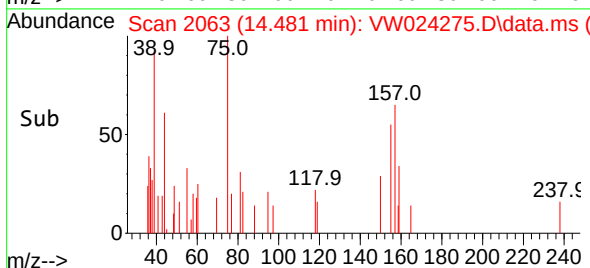
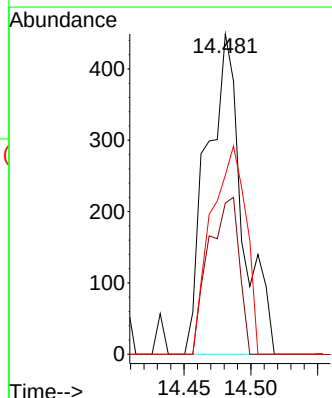
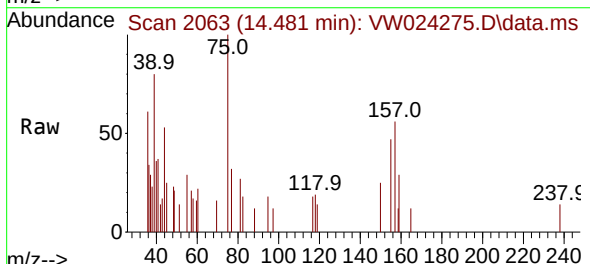
RT: 14.481 min Scan# 2063

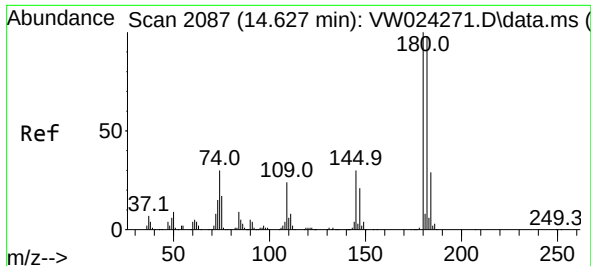
Delta R.T. 0.000 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

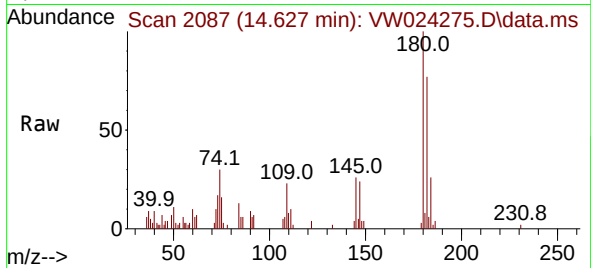
Tgt Ion:	75	Resp:	827
Ion Ratio	Lower	Upper	
75	100		
155	47.2	68.8	103.2#
157	55.9	91.5	137.3#





#69
1,3,5-Trichlorobenzene
Concen: 1.081 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

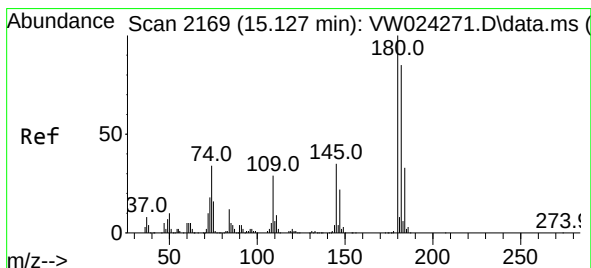
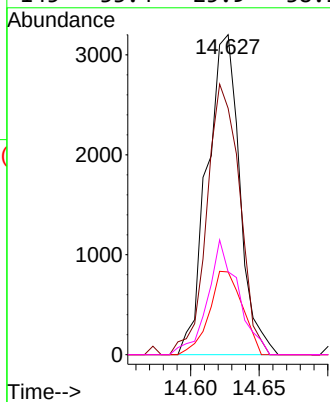
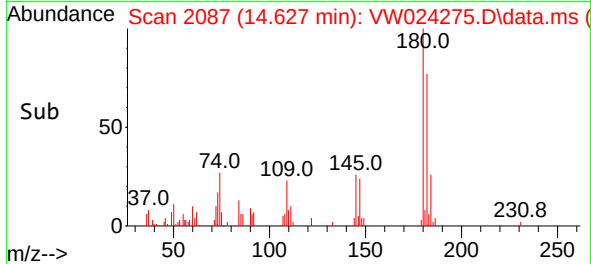
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03



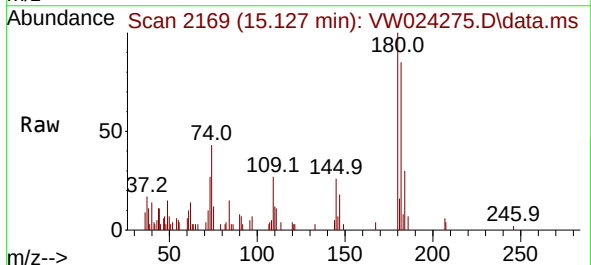
Tgt Ion:180 Resp: 5324
Ion Ratio Lower Upper
180 100
182 84.6 78.4 117.6
184 26.3 24.7 37.1
145 33.4 25.9 38.9

Manual Integrations
APPROVED

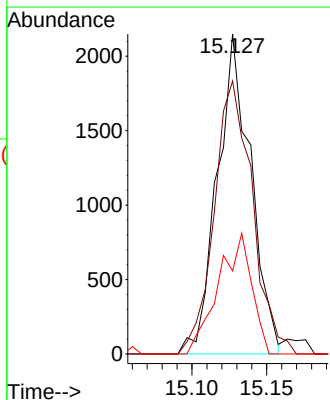
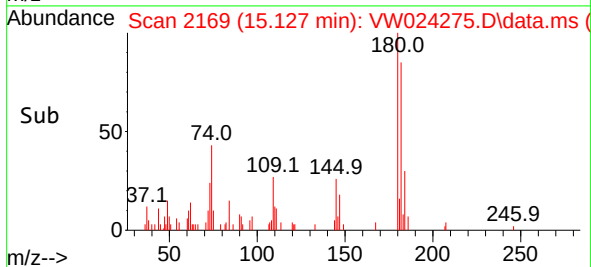
Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022

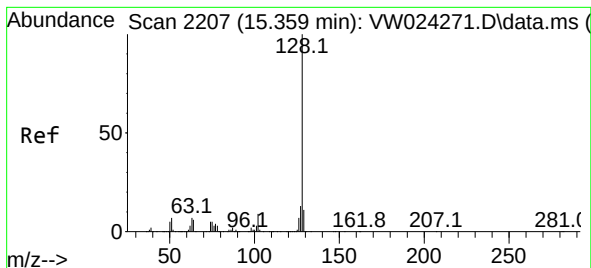


#70
1,2,4-trichlorobenzene
Concen: 0.850 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22



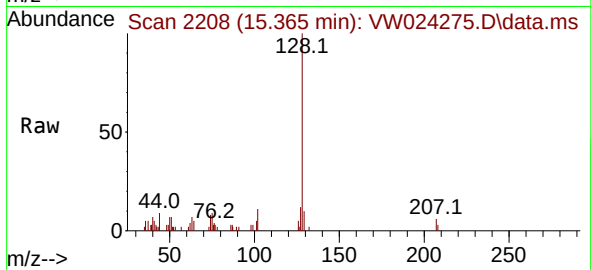
Tgt Ion:180 Resp: 3353
Ion Ratio Lower Upper
180 100
182 96.7 75.0 112.4
145 37.5 25.1 37.7





#71
Naphthalene
Concen: 0.750 ug/L
RT: 15.365 min Scan# 2207
Delta R.T. 0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

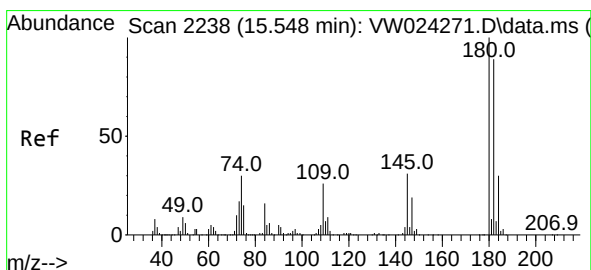
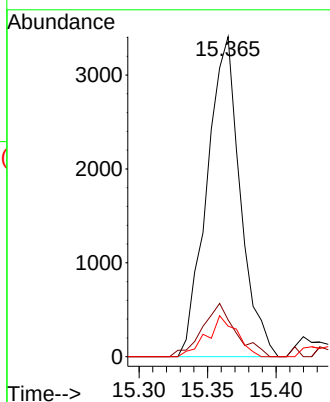
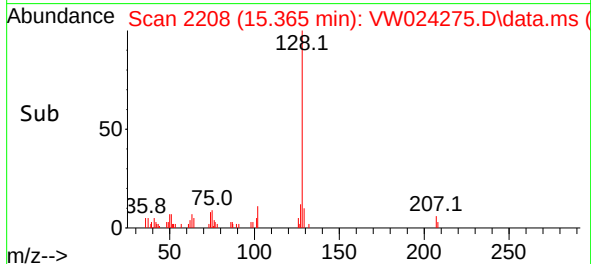
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03



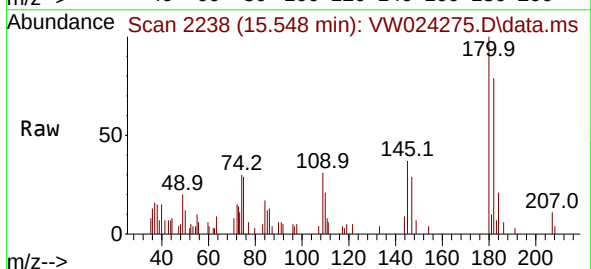
Tgt Ion:128 Resp: 576
Ion Ratio Lower Upper
128 100
127 16.7 10.7 16.1
129 11.5 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#72
1,2,3-Trichlorobenzene
Concen: 0.857 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22



Tgt Ion:180 Resp: 3080
Ion Ratio Lower Upper
180 100
182 92.4 75.4 113.2
145 35.8 26.9 40.3

