

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081822\
 Data File : VW027424.D
 Acq On : 17 Aug 2022 17:47
 Operator : SY/MD
 Sample : N4015-05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT3-2022-05

Quant Time: Aug 18 02:36:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 02:23:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/19/2022
 Supervised By :Semsettin Yesilyurt 08/30/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	276466	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	277539	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	130201	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	88896	47.163	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.320%		
7) Chloroethane-d5	1.564	69	61535	44.657	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.320%		
11) 1,1-Dichloroethene-d2	2.105	63	147300	42.724	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.440%		
21) 2-Butanone-d5	3.879	46	141342	84.243	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.240%		
24) Chloroform-d	4.346	84	178930	46.343	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.680%		
26) 1,2-Dichloroethane-d4	5.027	65	117116	48.856	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.720%		
32) Benzene-d6	5.047	84	349924	52.576	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.160%		
36) 1,2-Dichloropropane-d6	6.066	67	118518	50.060	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.120%		
41) Toluene-d8	7.313	98	286702	50.538	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.080%		
43) trans-1,3-Dichloroprop...	7.622	79	47479	46.009	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.020%		
47) 2-Hexanone-d5	8.088	63	87467	76.707	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	76.710%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	156597	40.588	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.180%		
66) 1,2-Dichlorobenzene-d4	11.622	152	105565	46.950	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.900%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	5428	2.207	ug/L	90
3) Chloromethane	1.240	50	5554	1.977	ug/L	94
5) Vinyl chloride	1.310	62	5467	1.953	ug/L	# 30
6) Bromomethane	1.519	94	2660	2.016	ug/L	95
8) Chloroethane	1.580	64	3071	1.969	ug/L	93
9) Trichlorofluoromethane	1.751	101	8769	2.442	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	6458	3.243	ug/L	90
12) 1,1-Dichloroethene	2.117	96	5677	2.964	ug/L	# 1
13) Acetone	2.172	43	8125	6.280	ug/L	75
14) Carbon disulfide	2.294	76	11253	1.726	ug/L	99
15) Methyl Acetate	2.436	43	7186	2.442	ug/L	# 80
16) Methylene chloride	2.503	84	9099	3.556	ug/L	94
17) trans-1,2-Dichloroethene	2.764	96	4794	2.261	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	15094m	2.394	ug/L	
19) 1,1-Dichloroethane	3.188	63	10113	2.376	ug/L	92
20) cis-1,2-Dichloroethene	3.915	96	5458m	2.478	ug/L	
22) 2-Butanone	3.989	43	9975m	5.624	ug/L	
23) Bromochloromethane	4.256	128	2888	2.348	ug/L	# 86
25) Chloroform	4.375	83	18277	4.250	ug/L	96

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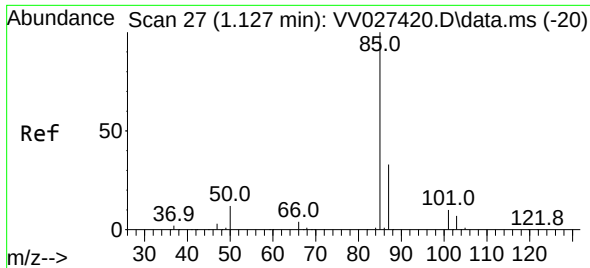
Quant Time: Aug 18 02:36:07 2022
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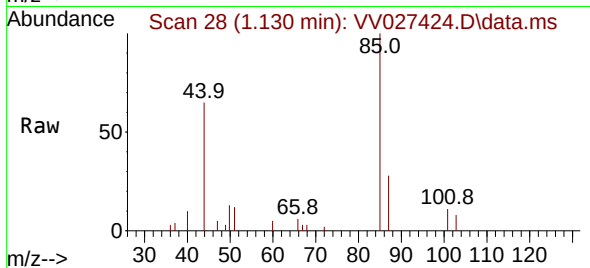
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	9230	2.756	ug/L #	92
29) Cyclohexane	4.674	56	6232	1.950	ug/L #	83
30) 1,1,1-Trichloroethane	4.606	97	9007	2.448	ug/L #	94
31) Carbon tetrachloride	4.831	117	7796m	2.441	ug/L	
33) Benzene	5.101	78	20514m	2.300	ug/L	
35) Methylcyclohexane	6.124	83	7384m	2.199	ug/L	
37) 1,2-Dichloropropane	6.178	63	5656m	2.264	ug/L	
38) Bromodichloromethane	6.513	83	8150m	2.489	ug/L	
39) cis-1,3-Dichloropropene	7.034	75	7172	2.167	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	15252	4.279	ug/L #	83
42) Toluene	7.394	91	19753	2.178	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	7772	2.390	ug/L	96
45) 1,1,2-Trichloroethane	7.847	97	6088	2.528	ug/L	97
46) Tetrachloroethene	7.979	164	3892	2.329	ug/L	93
48) 2-Hexanone	8.146	43	19803	6.976	ug/L #	79
49) Dibromochloromethane	8.246	129	6354	2.496	ug/L	96
50) 1,2-Dibromoethane	8.355	107	5640	2.276	ug/L	93
51) Chlorobenzene	8.882	112	14259	2.344	ug/L	96
52) Ethylbenzene	9.014	91	18188	1.944	ug/L	97
53) m,p-Xylene	9.143	106	5908	1.671	ug/L	94
54) o-Xylene	9.545	106	6653	1.931	ug/L	94
55) Styrene	9.564	104	10356	1.706	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	10594	2.626	ug/L #	99
59) Bromoform	9.731	173	4138	2.675	ug/L #	95
60) Isopropylbenzene	9.931	105	16328	1.990	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	7862	2.630	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	12669	1.870	ug/L	94
63) 1,2,4-Trimethylbenzene	10.915	105	13376	2.015	ug/L	92
64) 1,3-Dichlorobenzene	11.181	146	9363	2.354	ug/L	90
65) 1,4-Dichlorobenzene	11.271	146	10220	2.442	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	11055	2.653	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	2243	2.675	ug/L	85
69) 1,3,5-Trichlorobenzene	12.644	180	6668	2.496	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	5205	2.346	ug/L	97
71) Naphthalene	13.506	128	16046	2.112	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	5675	2.308	ug/L	97

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



#2
Dichlorodifluoromethane
Concen: 2.207 ug/L
RT: 1.130 min Scan# 27
Delta R.T. 0.003 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

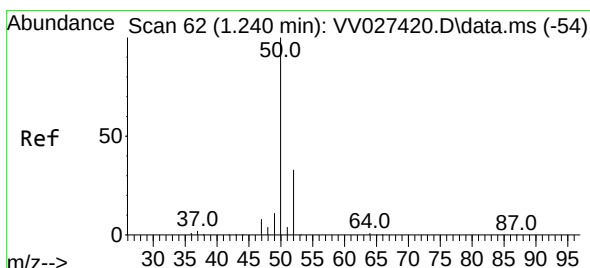
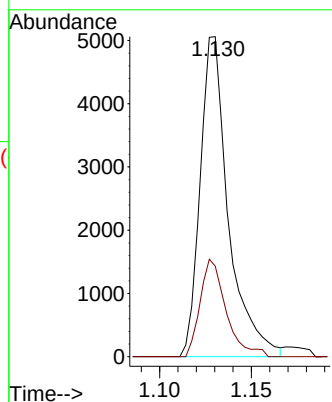
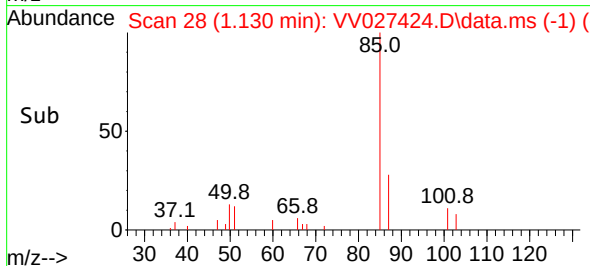
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



Tgt Ion: 85 Resp: 5428
Ion Ratio Lower Upper
85 100
87 27.1 26.1 39.1

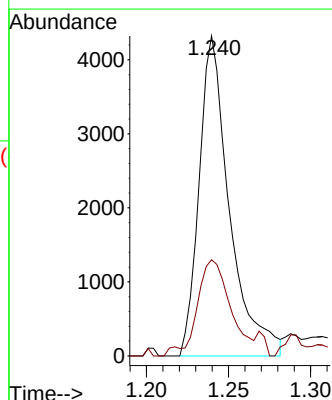
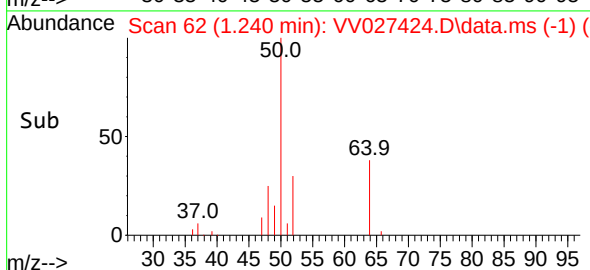
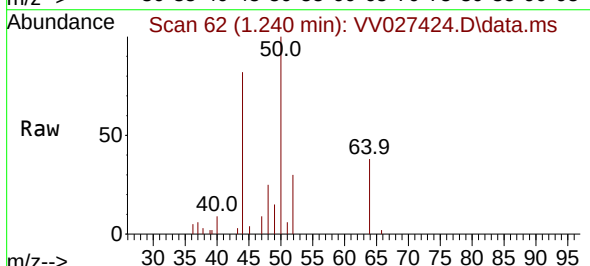
Manual Integrations
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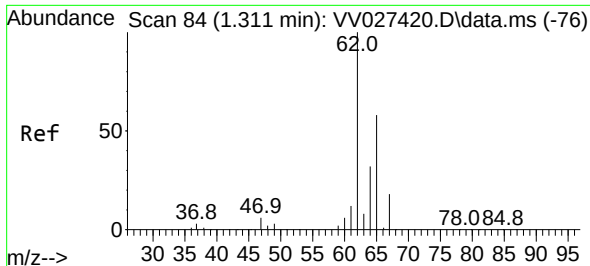
Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022



#3
Chloromethane
Concen: 1.977 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

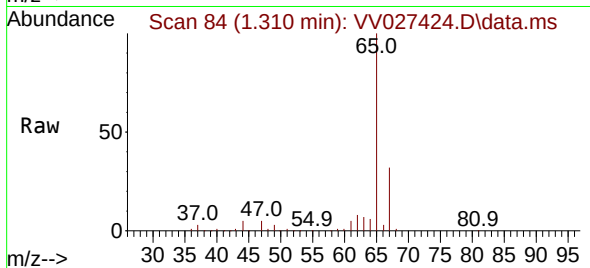
Tgt Ion: 50 Resp: 5554
Ion Ratio Lower Upper
50 100
52 30.0 23.5 43.7





#5
 Vinyl chloride
 Concen: 1.953 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV027424.D
 Acq: 17 Aug 2022 17:47

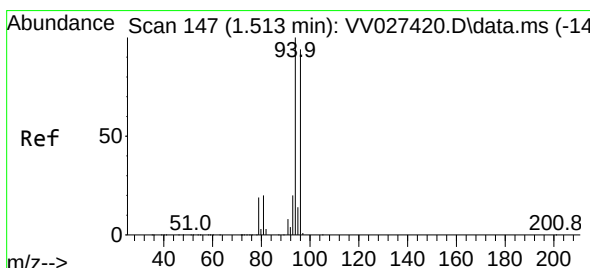
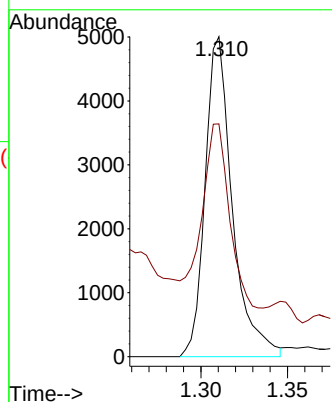
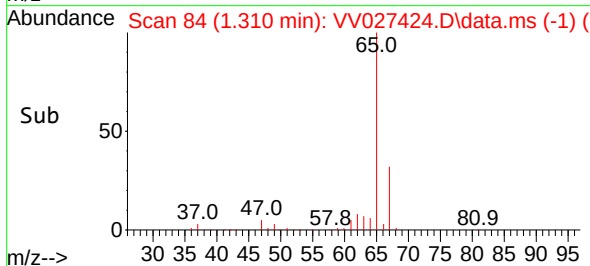
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT3-2022-05



Tgt Ion: 62 Resp: 546
 Ion Ratio Lower Upper
 62 100
 64 72.7 23.2 43.2

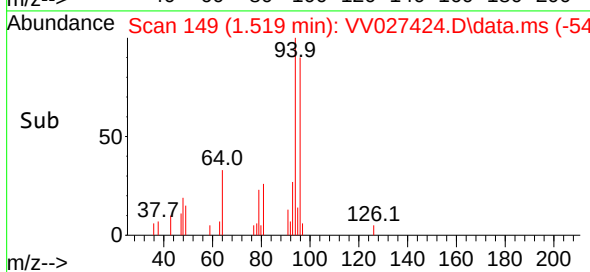
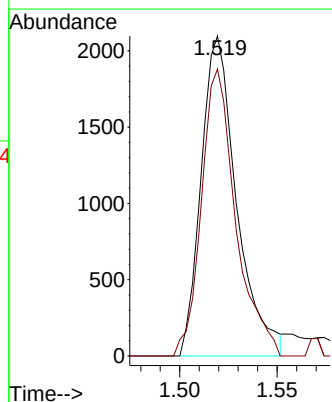
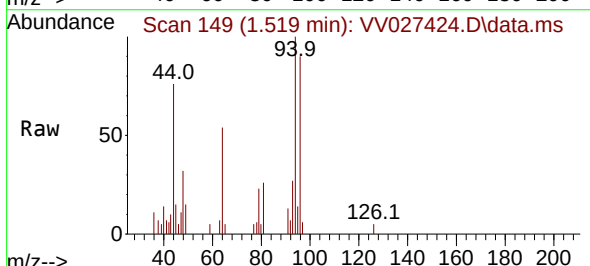
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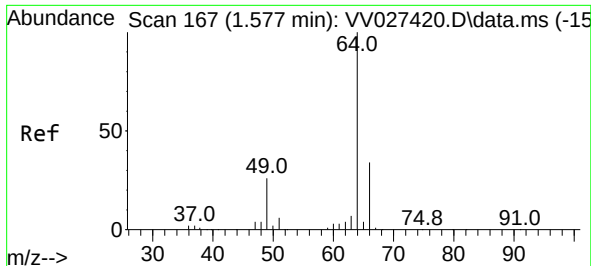
Reviewed By :Mahesh Dadoda 08/19/2022
 Supervised By :Semsettin Yesilyurt 08/30/2022



#6
 Bromomethane
 Concen: 2.016 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VV027424.D
 Acq: 17 Aug 2022 17:47

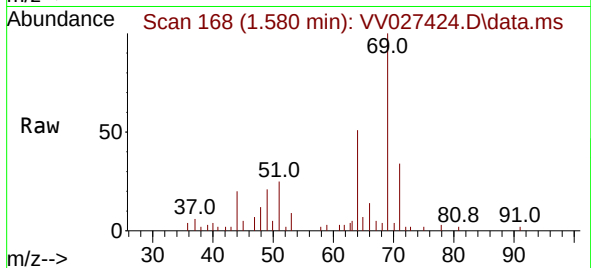
Tgt Ion: 94 Resp: 2660
 Ion Ratio Lower Upper
 94 100
 96 89.7 66.1 122.8





#8
Chloroethane
Concen: 1.969 ug/L
RT: 1.580 min Scan# 167
Delta R.T. 0.003 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

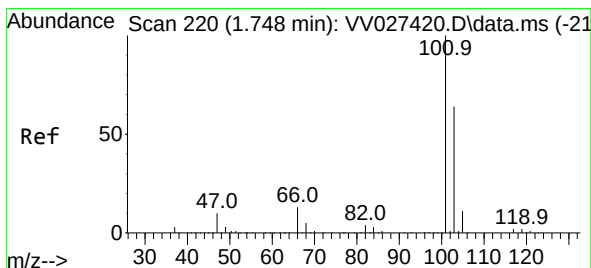
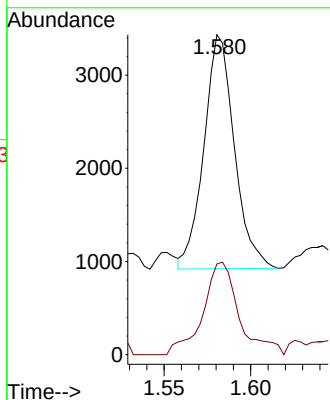
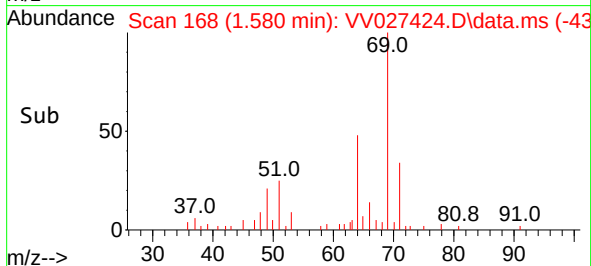
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



Tgt Ion: 64 Resp: 3072
Ion Ratio Lower Upper
64 100
66 28.4 22.4 41.6

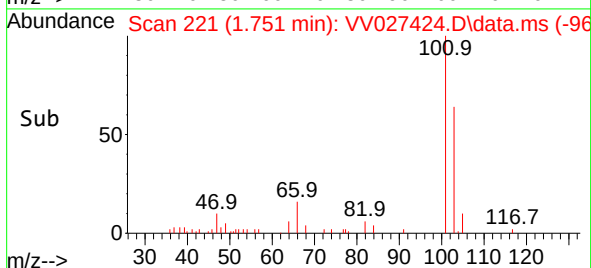
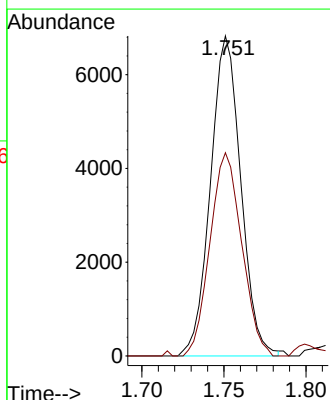
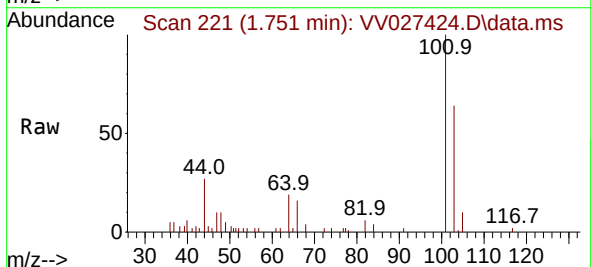
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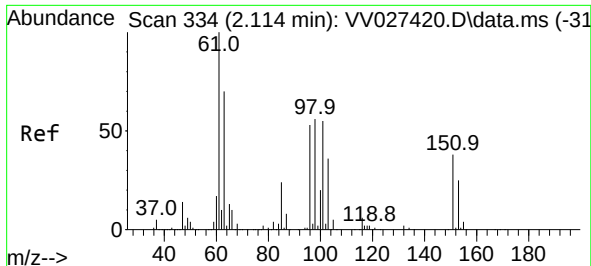
Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022



#9
Trichlorofluoromethane
Concen: 2.442 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

Tgt Ion:101 Resp: 8769
Ion Ratio Lower Upper
101 100
103 66.4 52.4 78.6





#10

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

Concen: 3.243 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV027424.D

Acq: 17 Aug 2022 17:47

Instrument :

MSVOA_V

ClientSampleId :

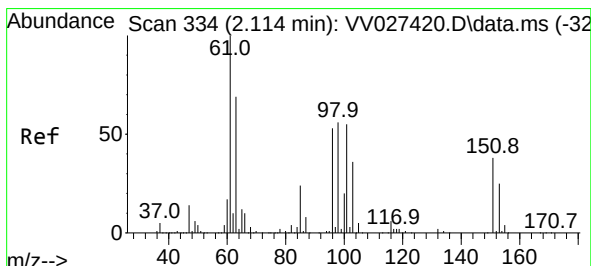
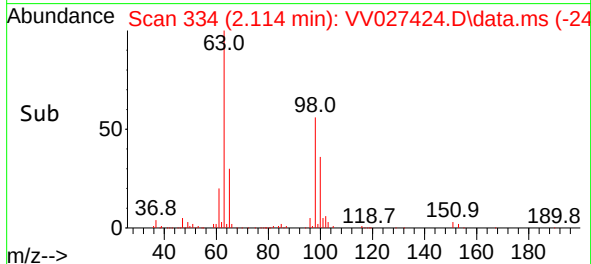
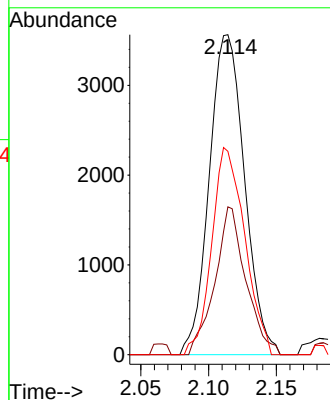
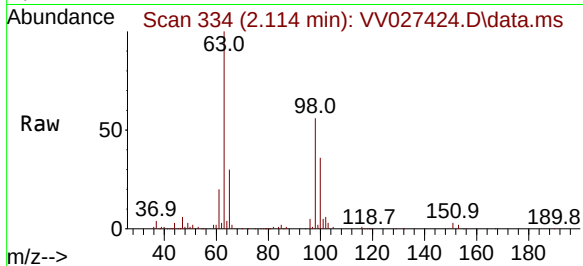
MDL-MED-SOIL-QT3-2022-05

Tgt Ion:	101	Resp:	6458
Ion Ratio	Lower	Upper	
101	100		
85	40.5	34.1	51.1
151	60.5	57.8	86.8

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#12

1,1-Dichloroethene

Concen: 2.964 ug/L

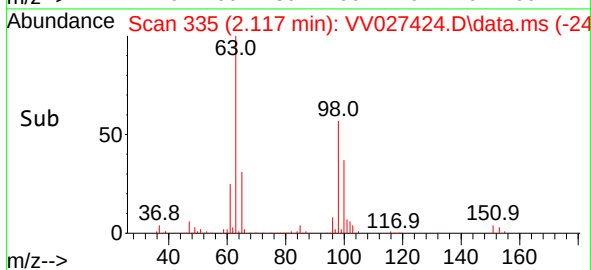
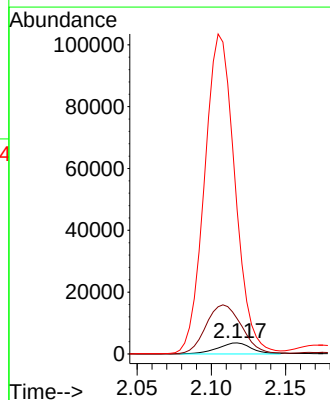
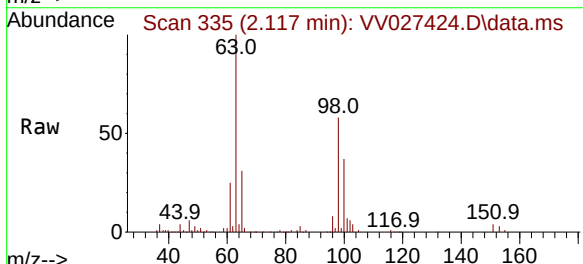
RT: 2.117 min Scan# 335

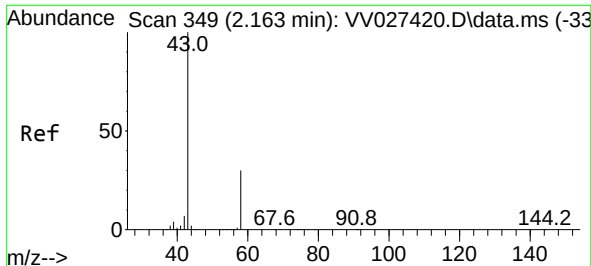
Delta R.T. 0.003 min

Lab File: VV027424.D

Acq: 17 Aug 2022 17:47

Tgt Ion:	96	Resp:	5677
Ion Ratio	Lower	Upper	
96	100		
61	318.3	114.3	212.3#
63	1296.8	93.4	173.4#





#13

Acetone

Concen: 6.280 ug/L

RT: 2.172 min Scan# 3

Delta R.T. 0.009 min

Lab File: VV027424.D

Acq: 17 Aug 2022 17:47

Instrument :

MSVOA_V

ClientSampleId :

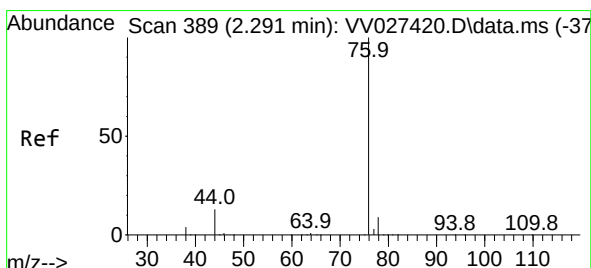
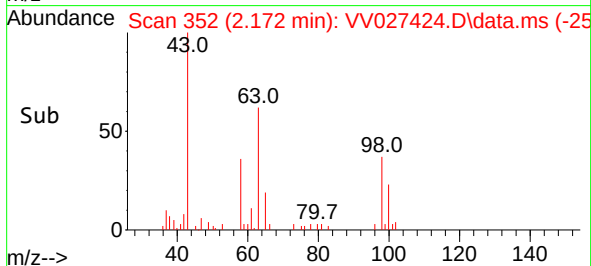
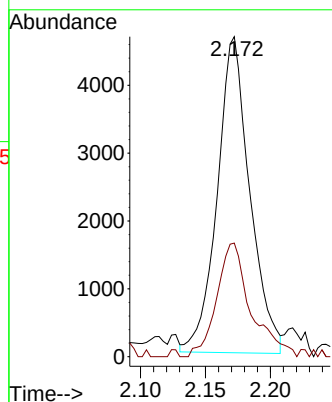
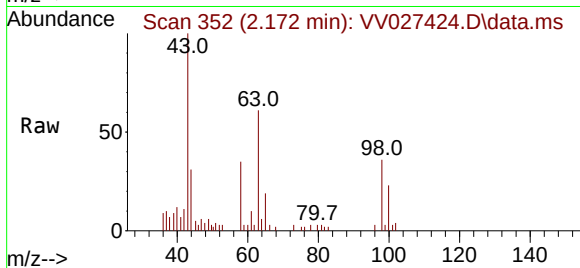
MDL-MED-SOIL-QT3-2022-05

Tgt Ion: 43 Resp: 8125
 Ion Ratio Lower Upper
 43 100
 58 37.5 0.0 49.6

Manual Integrations

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#14

Carbon disulfide

Concen: 1.726 ug/L

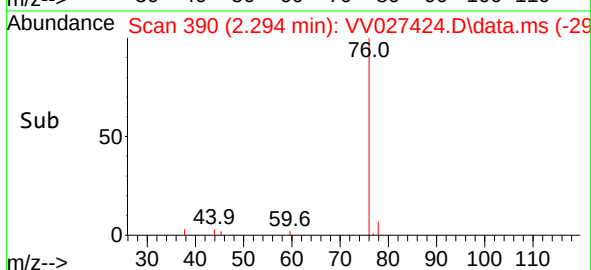
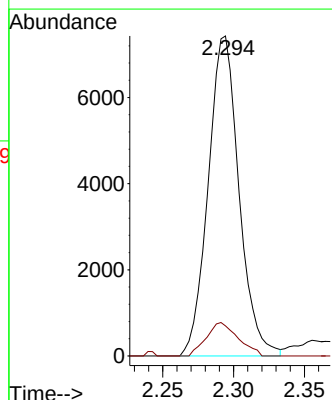
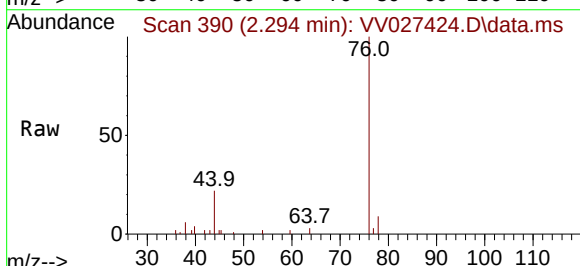
RT: 2.294 min Scan# 390

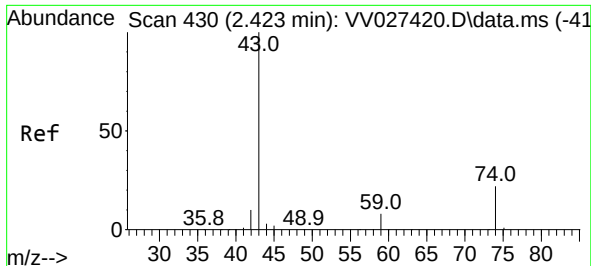
Delta R.T. 0.003 min

Lab File: VV027424.D

Acq: 17 Aug 2022 17:47

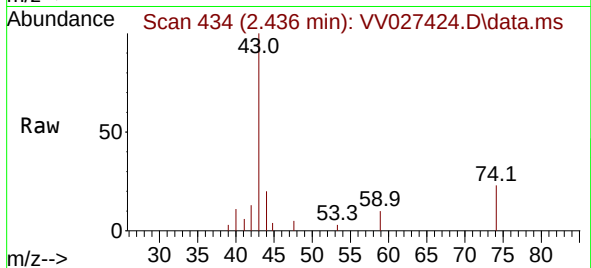
Tgt Ion: 76 Resp: 11253
 Ion Ratio Lower Upper
 76 100
 78 9.4 7.3 10.9





#15
Methyl Acetate
Concen: 2.442 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.013 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

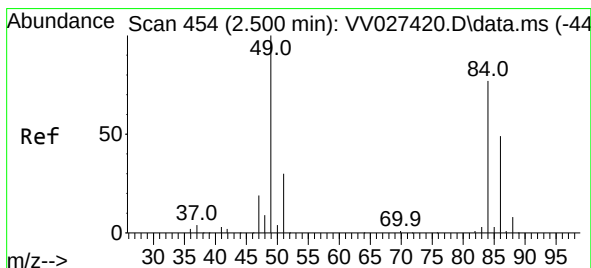
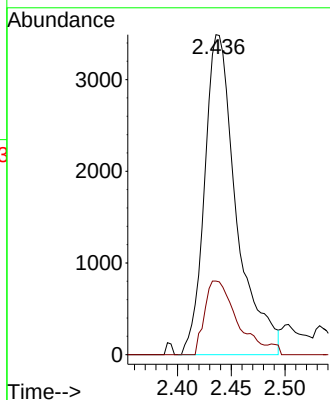
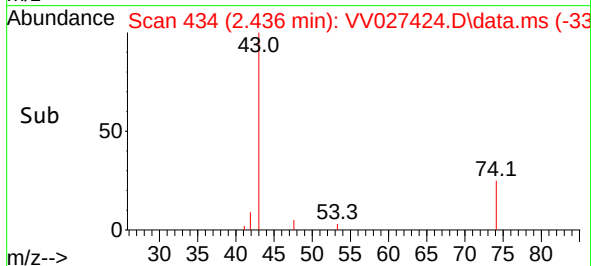
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



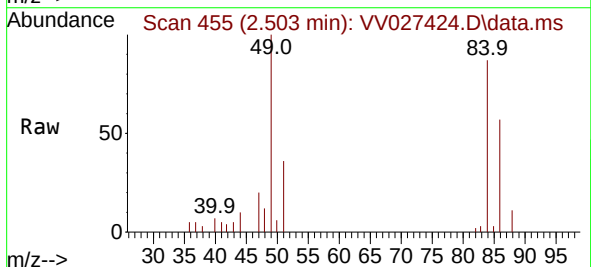
Tgt Ion: 43 Resp: 7180
Ion Ratio Lower Upper
43 100
74 20.7 25.5 38.3

Manual Integrations
APPROVED

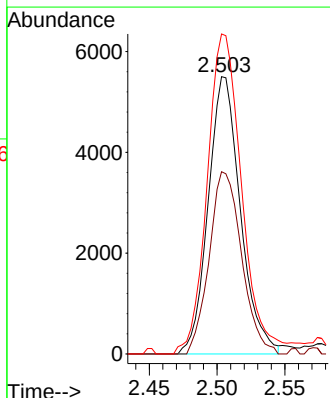
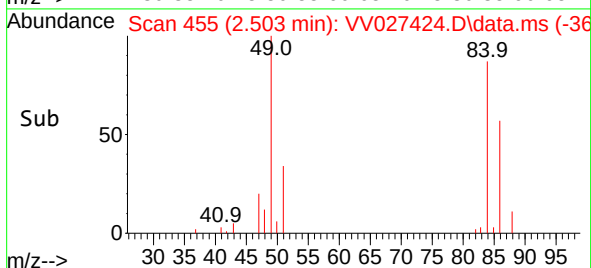
Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022

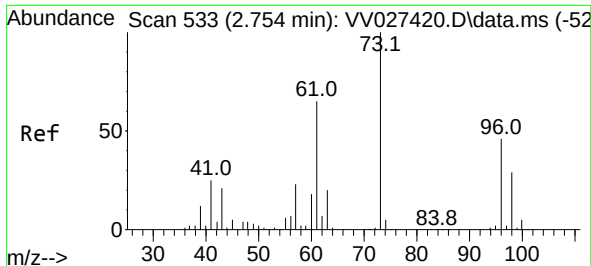


#16
Methylene chloride
Concen: 3.556 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47



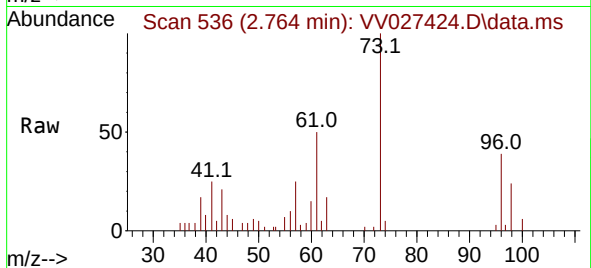
Tgt Ion: 84 Resp: 9099
Ion Ratio Lower Upper
84 100
86 65.8 45.0 83.6
49 115.4 74.1 137.7





#17
trans-1,2-Dichloroethene
Concen: 2.261 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.009 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

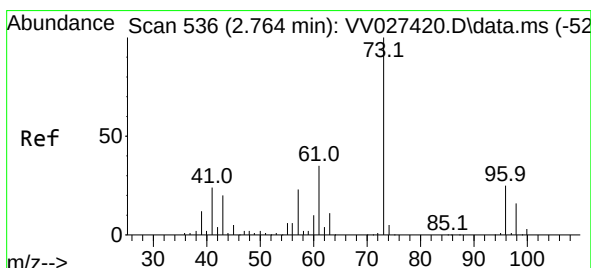
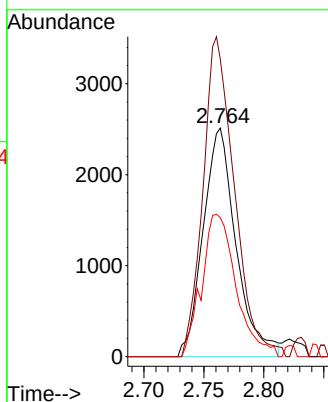
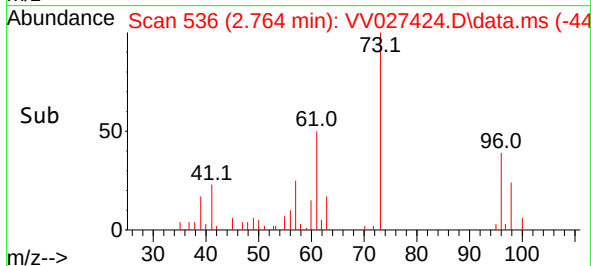
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



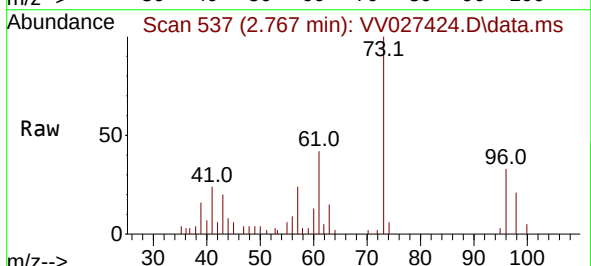
Tgt Ion: 96 Resp: 4794
Ion Ratio Lower Upper
96 100
61 130.2 89.2 165.6
98 60.8 44.6 82.8

Manual Integrations
APPROVED

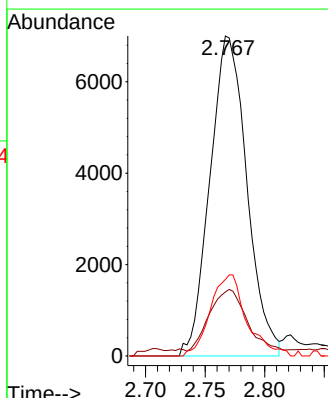
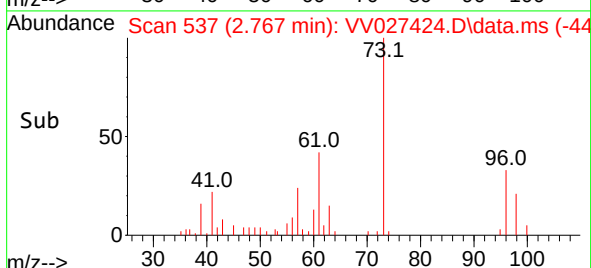
Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022

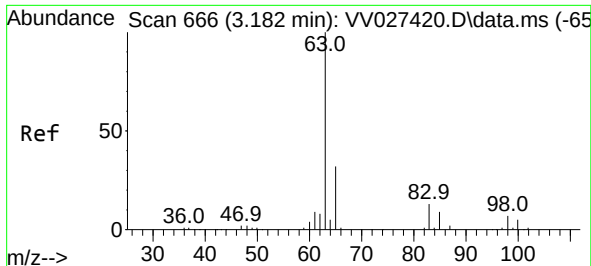


#18
Methyl tert-butyl Ether
Concen: 2.394 ug/L m
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47



Tgt Ion: 73 Resp: 15094
Ion Ratio Lower Upper
73 100
43 0.2 12.6 18.8#
57 0.3 17.3 25.9#





#19

1,1-Dichloroethane

Concen: 2.376 ug/L

RT: 3.188 min Scan# 666

Delta R.T. 0.006 min

Lab File: VV027424.D

Acq: 17 Aug 2022 17:47

Instrument :

MSVOA_V

ClientSampleId :

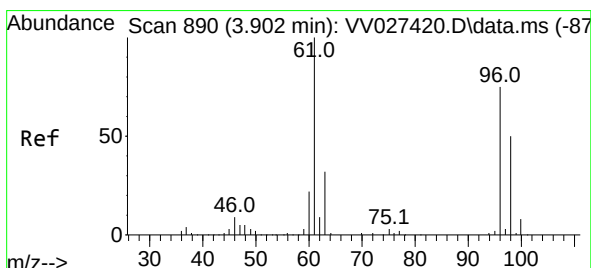
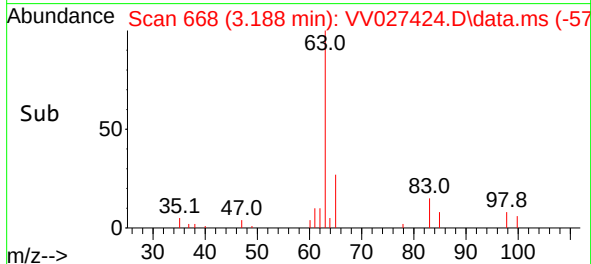
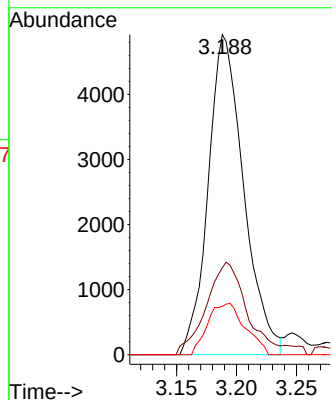
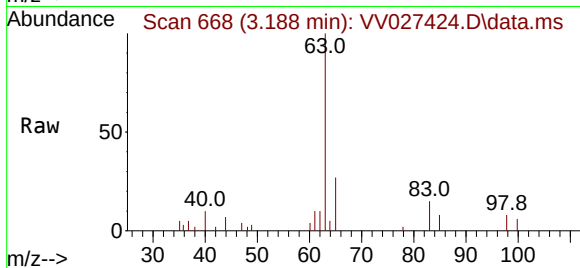
MDL-MED-SOIL-QT3-2022-05

Tgt Ion: 63	Resp: 1011
Ion Ratio	Lower Upper
63 100	
65 27.1	22.7 42.3
83 15.1	9.5 17.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022



#20

cis-1,2-Dichloroethene

Concen: 2.478 ug/L m

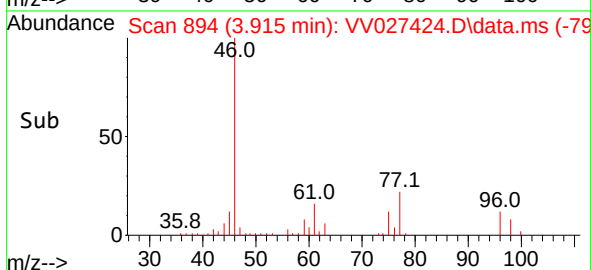
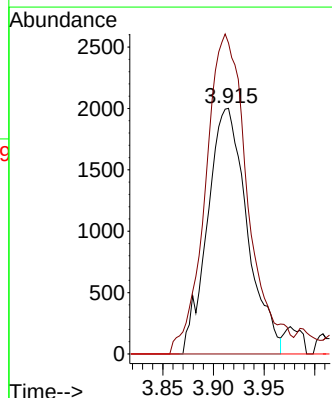
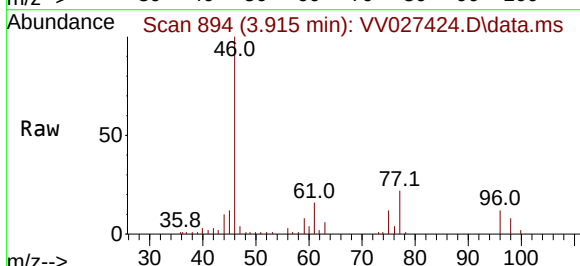
RT: 3.915 min Scan# 894

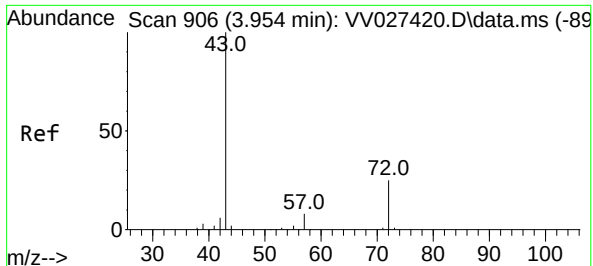
Delta R.T. 0.013 min

Lab File: VV027424.D

Acq: 17 Aug 2022 17:47

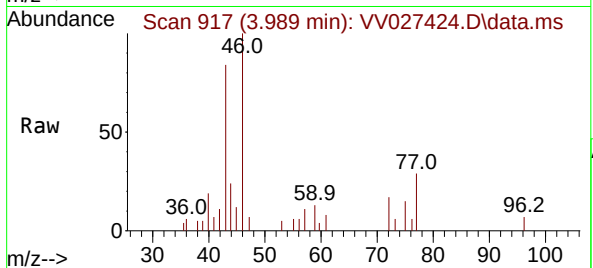
Tgt Ion: 96	Resp: 5458
Ion Ratio	Lower Upper
96 100	
61 126.6	81.8 151.8
68 0.0	0.0 0.0





#22
2-Butanone
Concen: 5.624 ug/L m
RT: 3.989 min Scan# 917
Delta R.T. 0.035 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

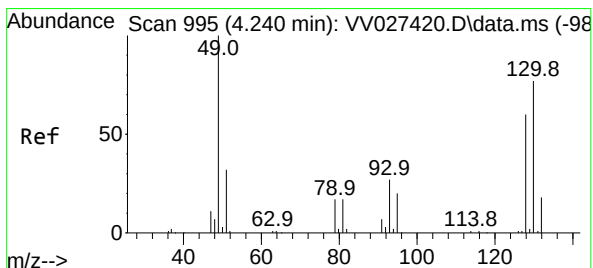
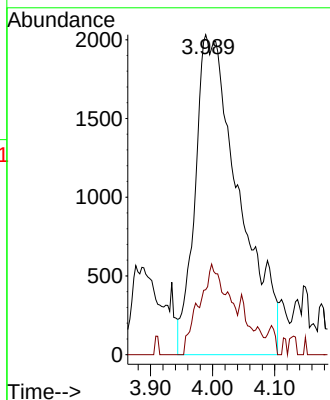
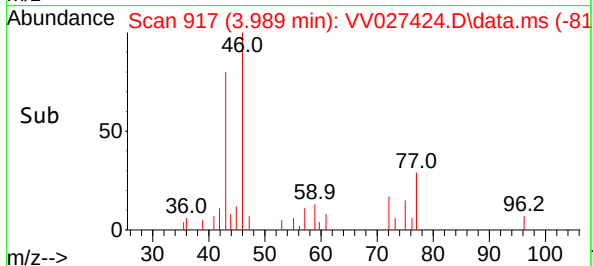
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



Tgt Ion: 43 Resp: 997
Ion Ratio Lower Upper
43 100
72 5.8 11.9 35.7

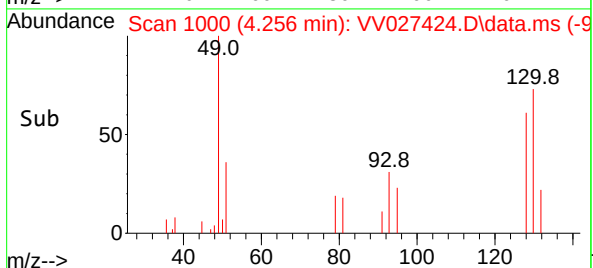
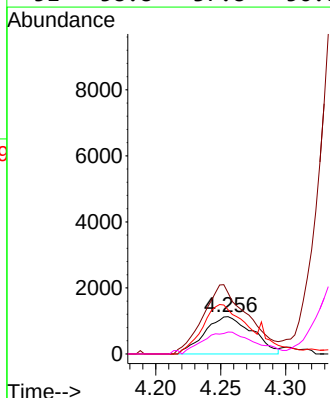
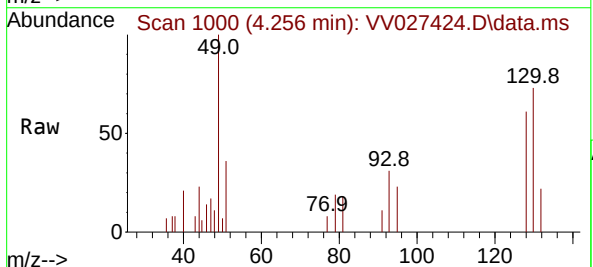
Manual Integrations
APPROVED

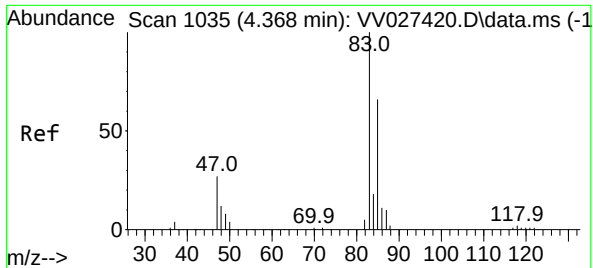
Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022



#23
Bromochloromethane
Concen: 2.348 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.016 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

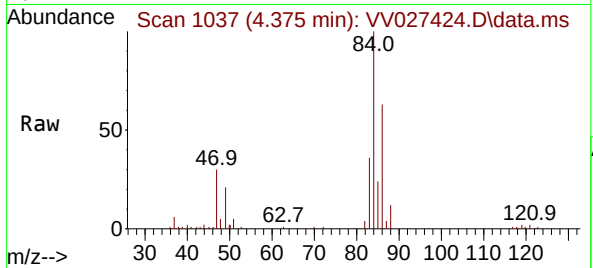
Tgt Ion:128 Resp: 2888
Ion Ratio Lower Upper
128 100
49 163.2 98.7 183.3
130 118.5 89.5 166.1
51 58.8 37.8 56.8





#25
Chloroform
Concen: 4.250 ug/L
RT: 4.375 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

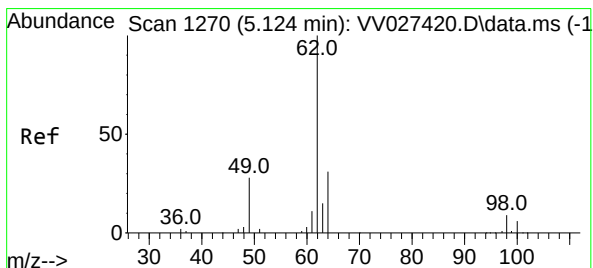
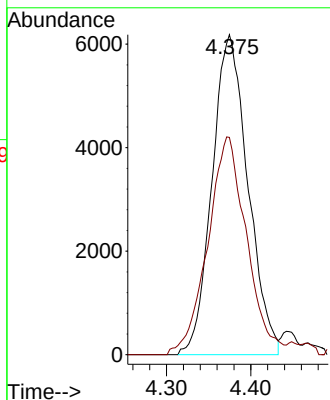
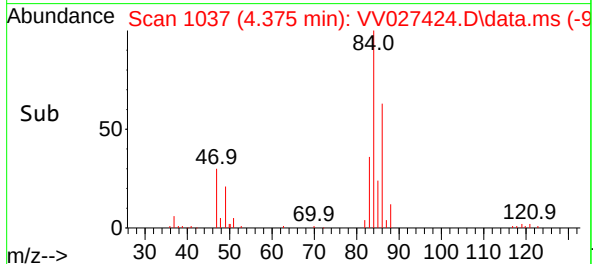
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



Tgt Ion: 83 Resp: 1827
Ion Ratio Lower Upper
83 100
85 67.9 45.4 84.4

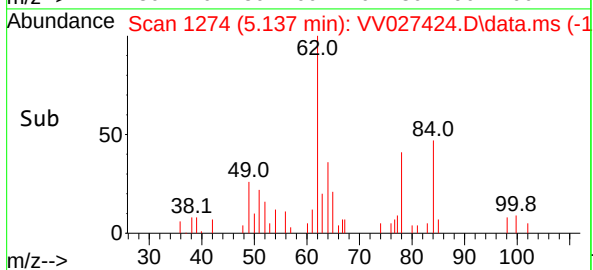
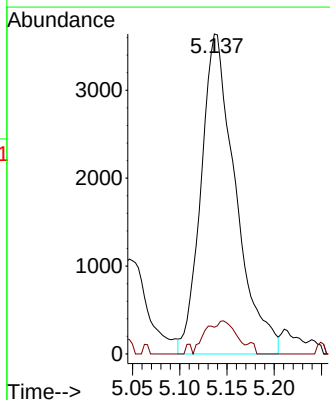
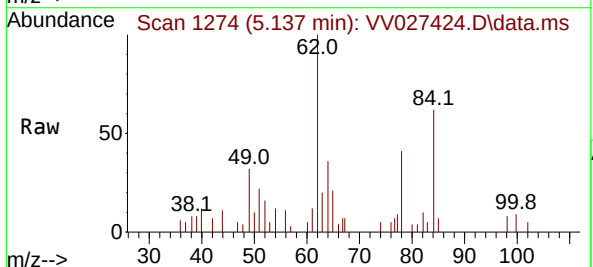
Manual Integrations
APPROVED

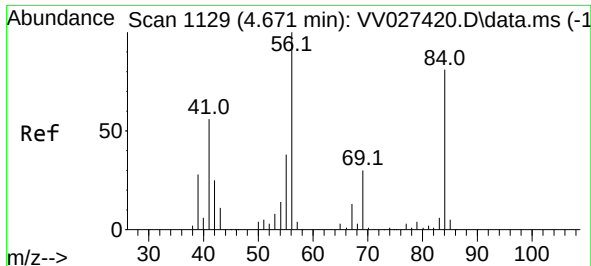
Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022



#27
1,2-Dichloroethane
Concen: 2.756 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.013 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

Tgt Ion: 62 Resp: 9230
Ion Ratio Lower Upper
62 100
98 8.4 9.0 13.6





#29

Cyclohexane

Concen: 1.950 ug/L

RT: 4.674 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV027424.D

Acq: 17 Aug 2022 17:47

Instrument :

MSVOA_V

ClientSampleId :

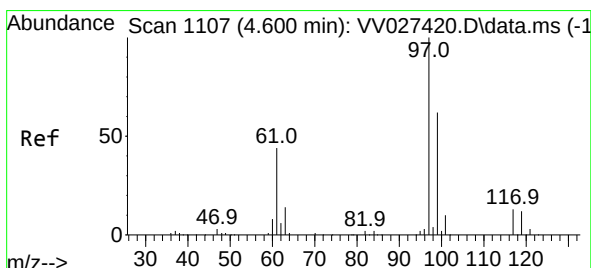
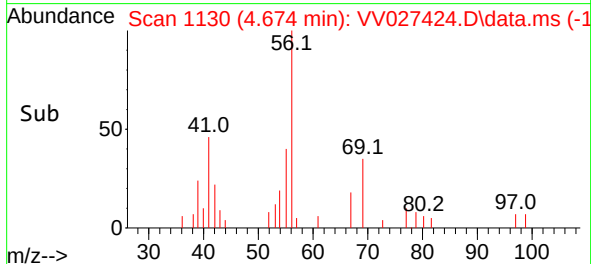
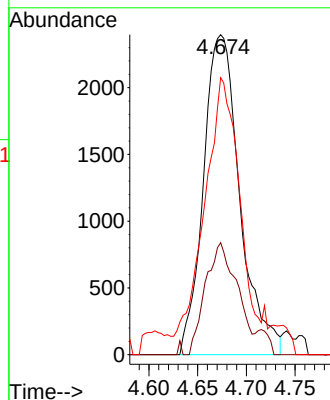
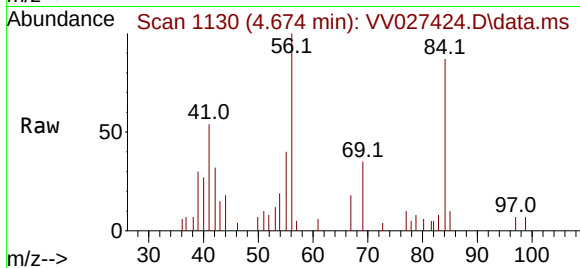
MDL-MED-SOIL-QT3-2022-05

Tgt Ion:	56	Resp:	623
Ion Ratio	Lower	Upper	
56	100		
69	30.4	25.9	38.9
84	72.8	75.3	112.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022



#30

1,1,1-Trichloroethane

Concen: 2.448 ug/L

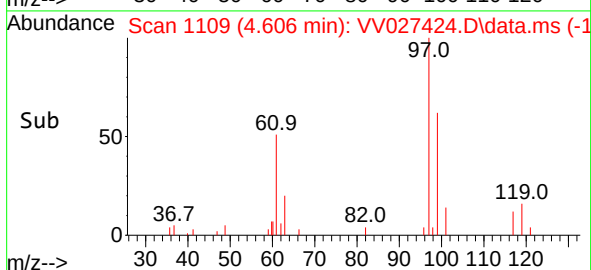
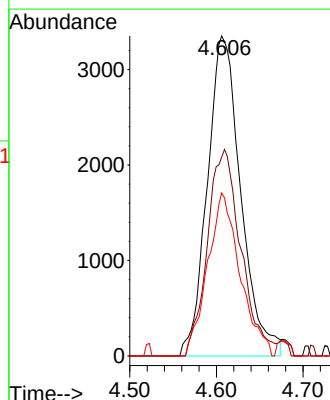
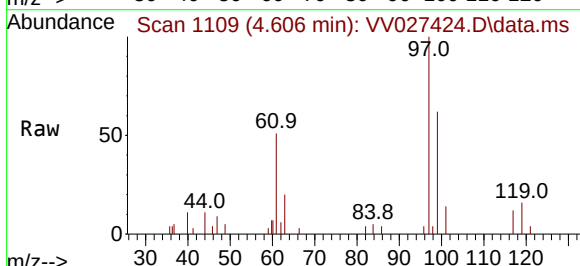
RT: 4.606 min Scan# 1109

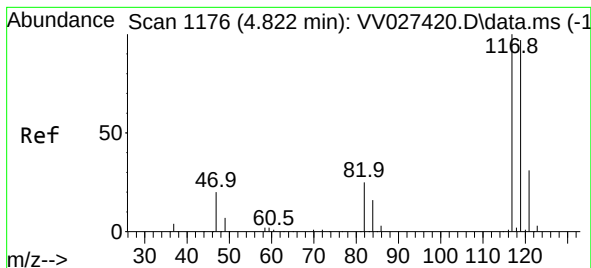
Delta R.T. 0.006 min

Lab File: VV027424.D

Acq: 17 Aug 2022 17:47

Tgt Ion:	97	Resp:	9007
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.4	77.2
61	49.4	32.1	48.1





#31

Carbon tetrachloride

Concen: 2.441 ug/L m

RT: 4.831 min Scan# 1176

Delta R.T. 0.009 min

Lab File: VV027424.D

Acq: 17 Aug 2022 17:47

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT3-2022-05

Tgt Ion:117 Resp: 7790

Ion Ratio Lower Upper

117 100

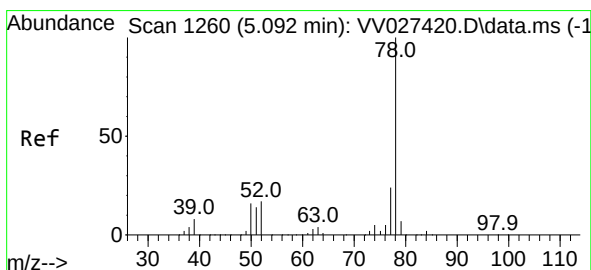
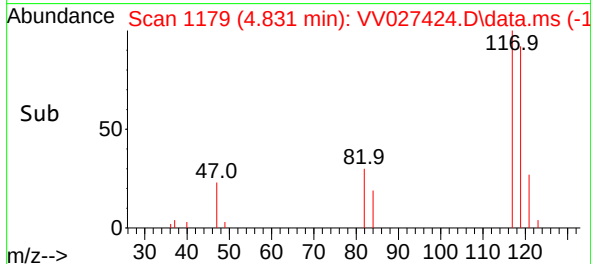
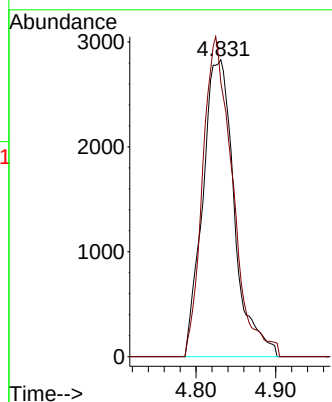
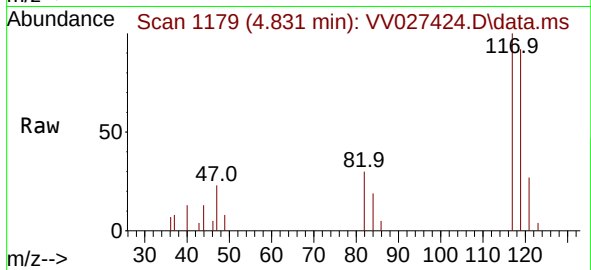
119 102.0 77.0 115.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/19/2022

Supervised By :Semsettin Yesilyurt 08/30/2022



#33

Benzene

Concen: 2.300 ug/L m

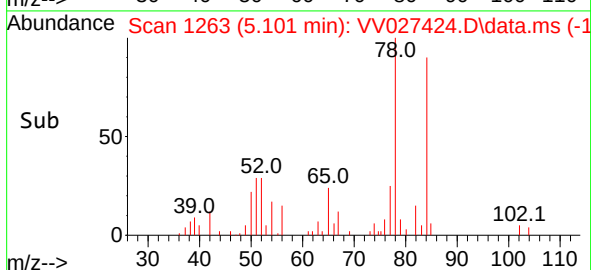
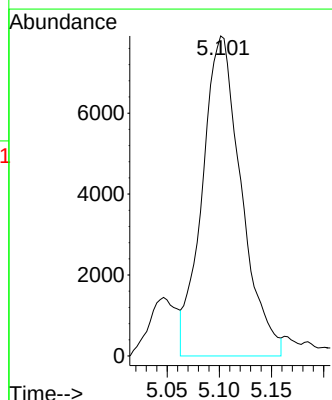
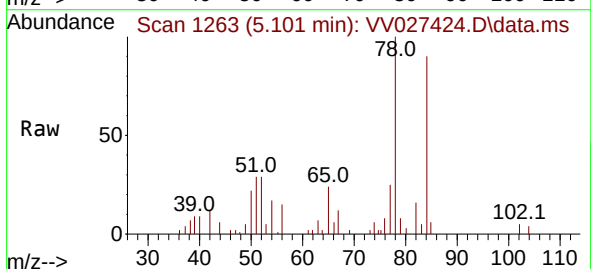
RT: 5.101 min Scan# 1263

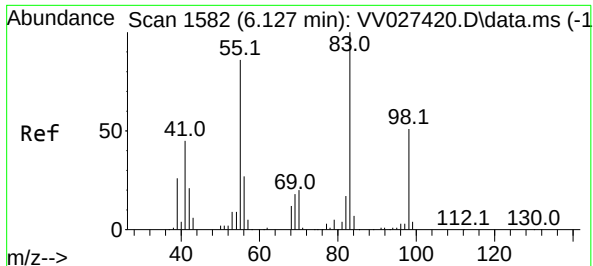
Delta R.T. 0.009 min

Lab File: VV027424.D

Acq: 17 Aug 2022 17:47

Tgt Ion: 78 Resp: 20514





#35

Methylcyclohexane

Concen: 2.199 ug/L m

RT: 6.124 min Scan# 1582

Delta R.T. -0.003 min

Lab File: VV027424.D

Acq: 17 Aug 2022 17:47

Instrument :

MSVOA_V

ClientSampleId :

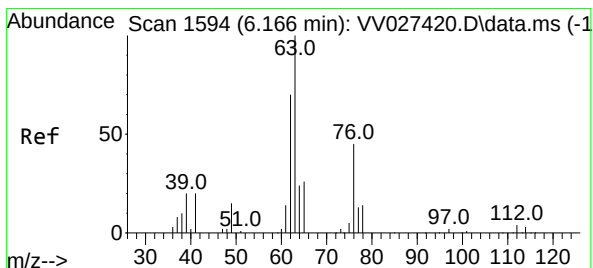
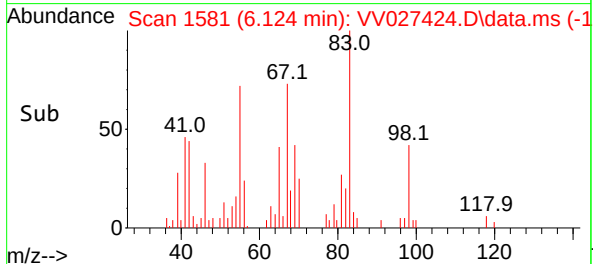
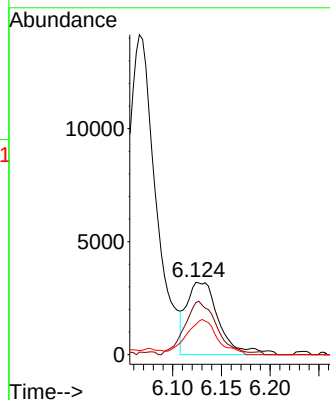
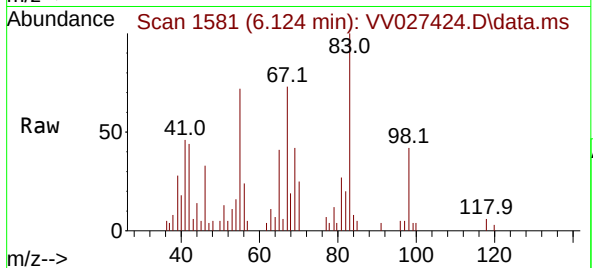
MDL-MED-SOIL-QT3-2022-05

Tgt Ion: 83	Resp: 7384
Ion Ratio	Lower Upper
83 100	
55 73.0	55.5 83.3
98 46.2	39.0 58.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022



#37

1,2-Dichloropropane

Concen: 2.264 ug/L m

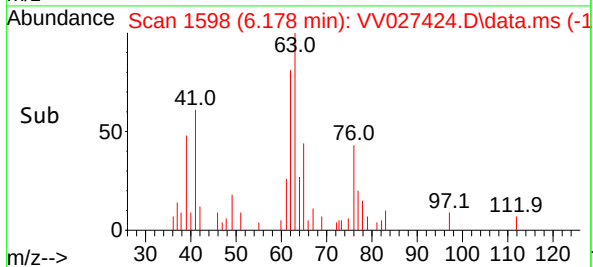
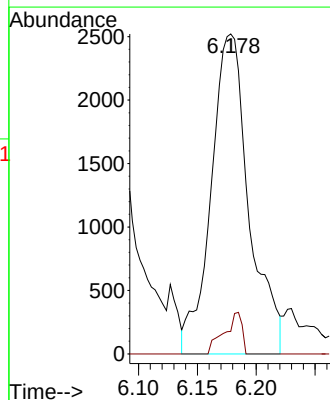
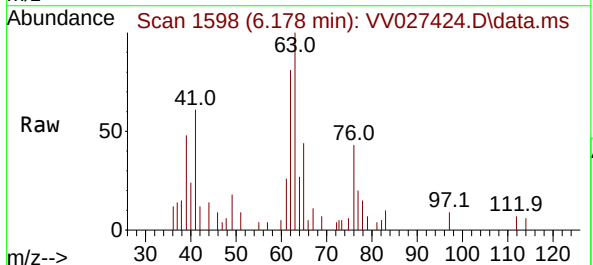
RT: 6.178 min Scan# 1598

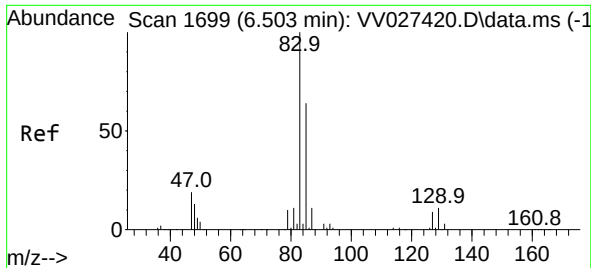
Delta R.T. 0.013 min

Lab File: VV027424.D

Acq: 17 Aug 2022 17:47

Tgt Ion: 63	Resp: 5656
Ion Ratio	Lower Upper
63 100	
112 3.6	3.7 5.5#





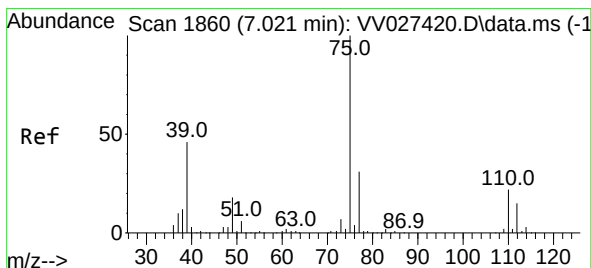
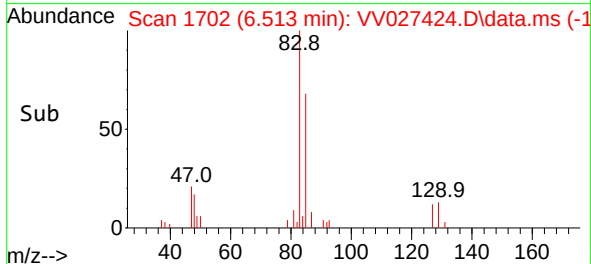
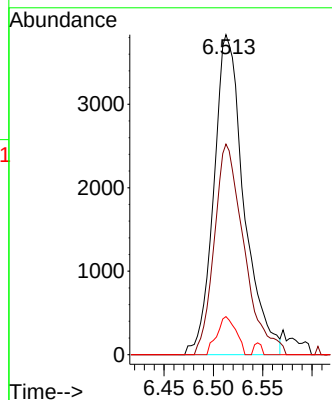
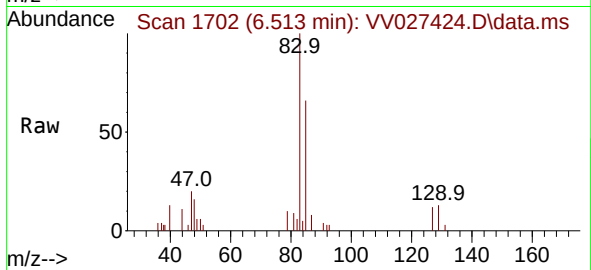
#38
Bromodichloromethane
Concen: 2.489 ug/L m
RT: 6.513 min Scan# 1
Delta R.T. 0.009 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05

Tgt Ion: 83 Resp: 8150
Ion Ratio Lower Upper
83 100
85 65.8 45.5 84.5
127 11.9 7.0 10.6

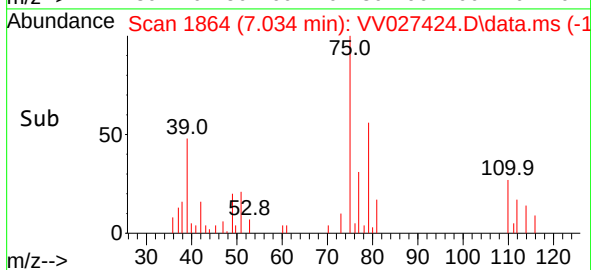
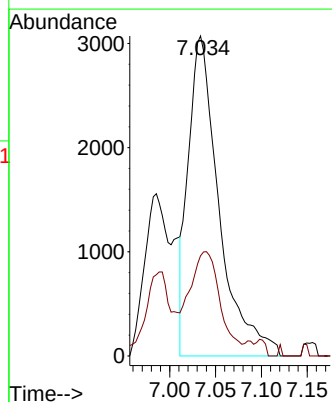
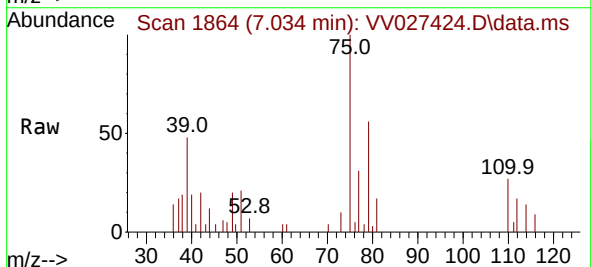
Manual Integrations
APPROVED

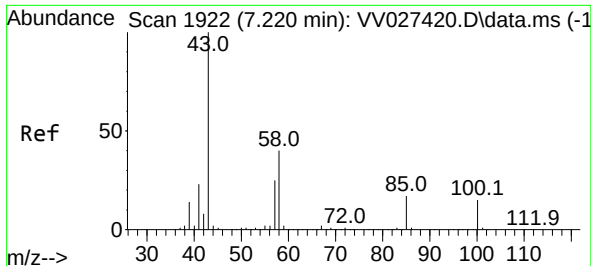
Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022



#39
cis-1,3-Dichloropropene
Concen: 2.167 ug/L
RT: 7.034 min Scan# 1864
Delta R.T. 0.013 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

Tgt Ion: 75 Resp: 7172
Ion Ratio Lower Upper
75 100
77 31.3 22.5 41.7





#40

4-Methyl-2-pentanone

Concen: 4.279 ug/L

RT: 7.233 min Scan# 1922

Delta R.T. 0.013 min

Lab File: VV027424.D

Acq: 17 Aug 2022 17:47

Instrument :

MSVOA_V

ClientSampleId :

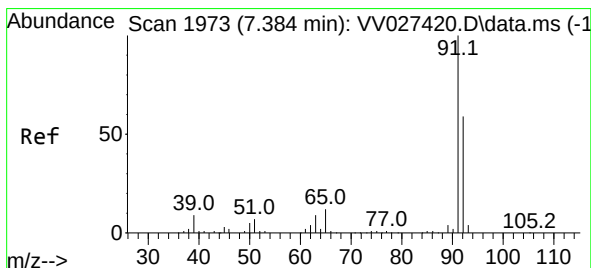
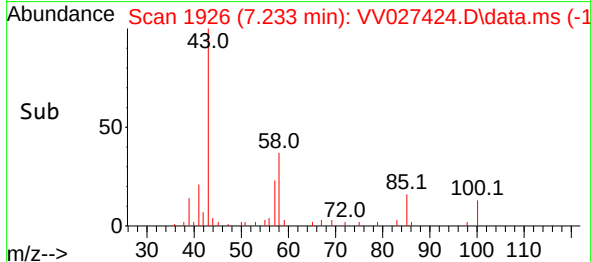
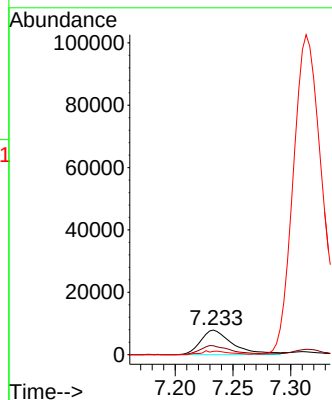
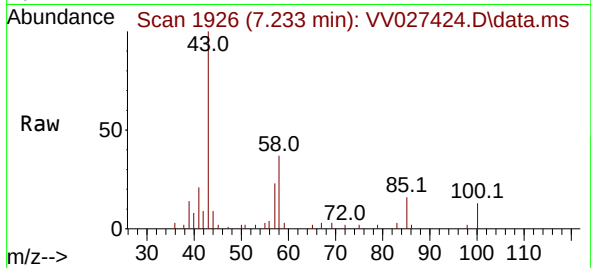
MDL-MED-SOIL-QT3-2022-05

Tgt Ion: 43	Resp: 1525
Ion Ratio	Lower Upper
43	100
58	36.4 35.3 52.9
100	6.8 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022



#42

Toluene

Concen: 2.178 ug/L

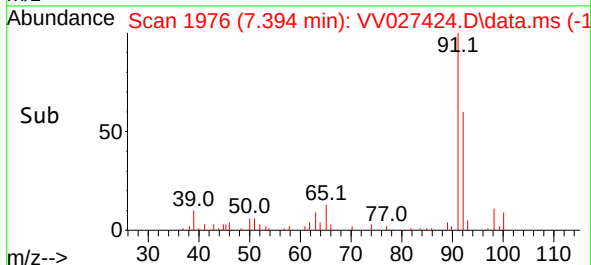
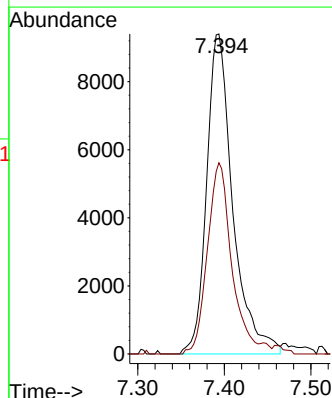
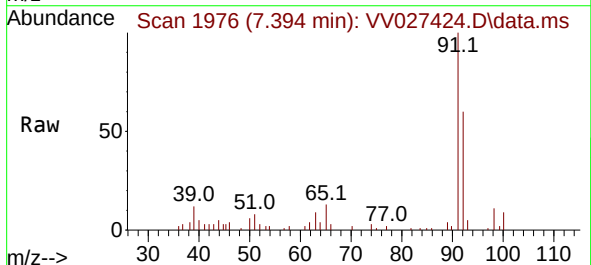
RT: 7.394 min Scan# 1976

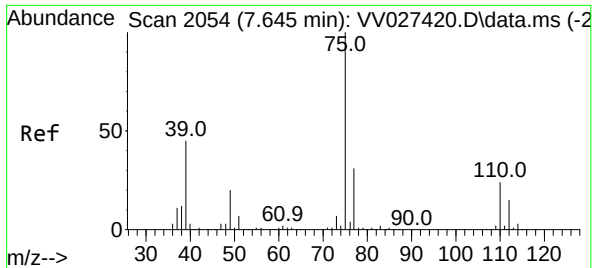
Delta R.T. 0.009 min

Lab File: VV027424.D

Acq: 17 Aug 2022 17:47

Tgt Ion: 91	Resp: 19753
Ion Ratio	Lower Upper
91	100
92	59.8 40.9 76.0





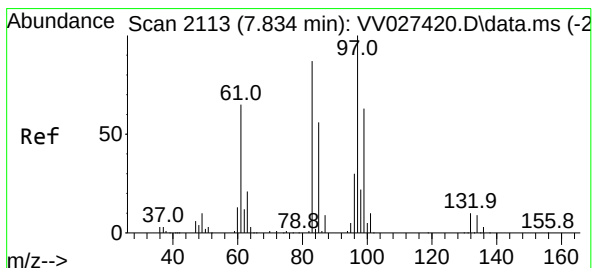
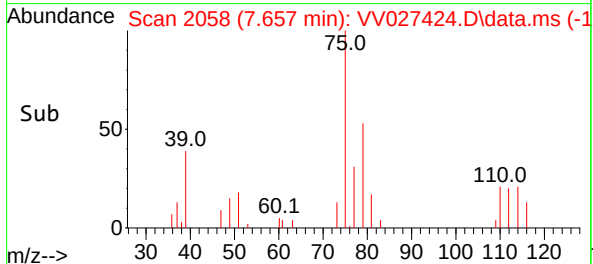
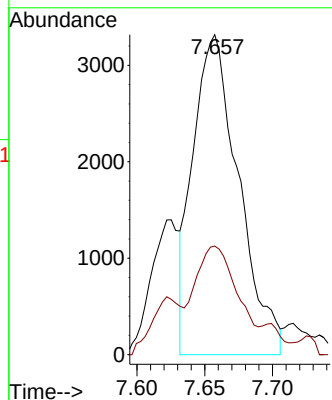
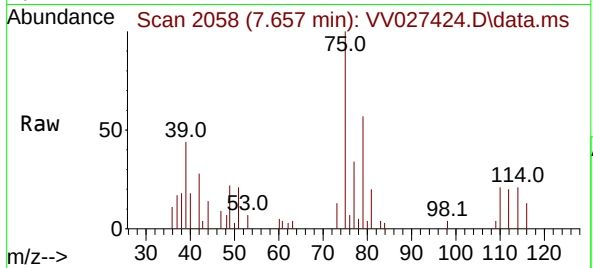
#44
trans-1,3-Dichloropropene
Concen: 2.390 ug/L
RT: 7.657 min Scan# 2054
Delta R.T. 0.013 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT3-2022-05

Tgt Ion: 75 Resp: 7772
Ion Ratio Lower Upper
75 100
77 33.9 22.0 41.0

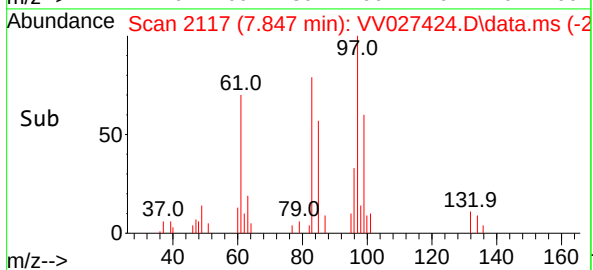
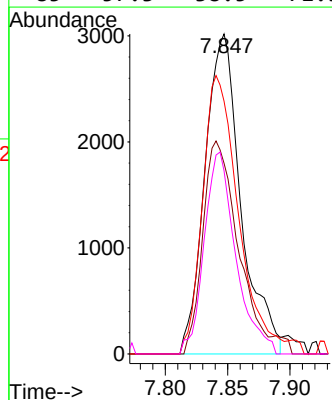
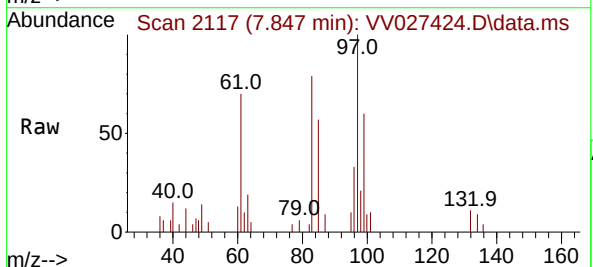
Manual Integrations
APPROVED

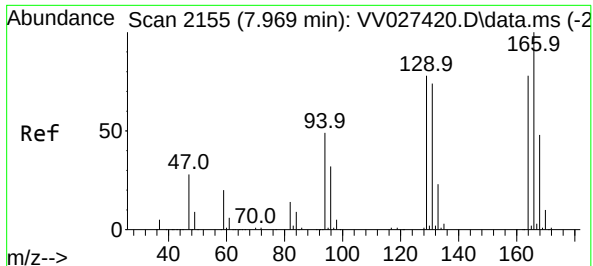
Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022



#45
1,1,2-Trichloroethane
Concen: 2.528 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.013 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

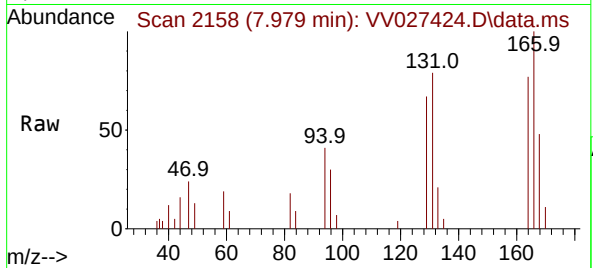
Tgt Ion: 97 Resp: 6088
Ion Ratio Lower Upper
97 100
99 59.6 43.2 80.2
83 79.0 58.0 107.6
85 57.3 38.5 71.5





#46
Tetrachloroethene
Concen: 2.329 ug/L
RT: 7.979 min Scan# 2155
Delta R.T. 0.009 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

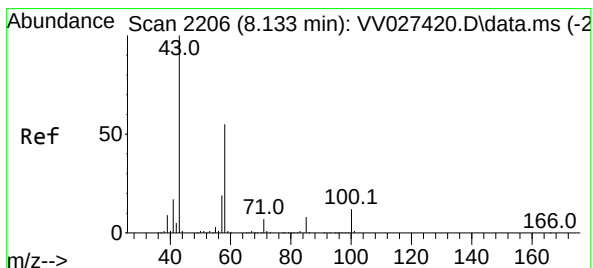
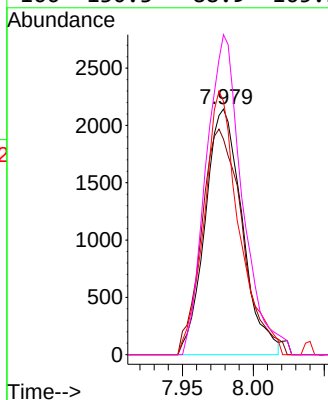
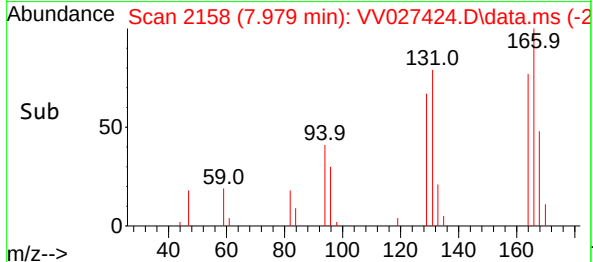
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



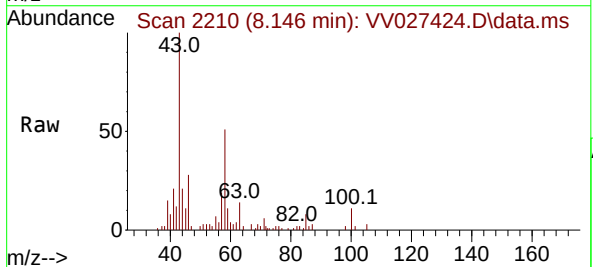
Tgt Ion:164 Resp: 3892
Ion Ratio Lower Upper
164 100
129 87.7 67.5 125.4
131 103.1 64.3 119.3
166 130.3 88.9 165.1

Manual Integrations
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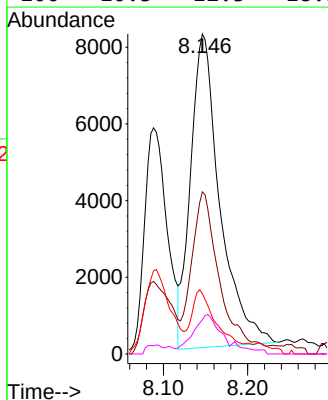
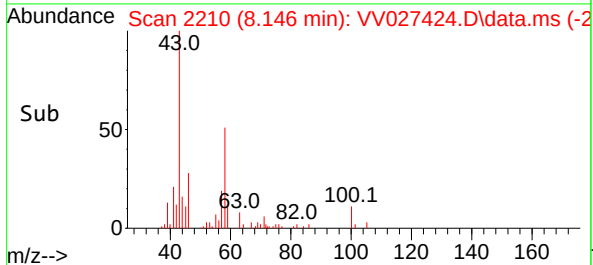
Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022

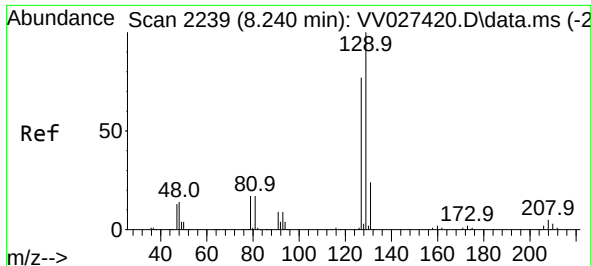


#48
2-Hexanone
Concen: 6.976 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.013 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47



Tgt Ion: 43 Resp: 19803
Ion Ratio Lower Upper
43 100
58 42.6 50.8 76.2#
57 15.8 17.1 25.7#
100 10.3 12.3 18.5#





#49

Dibromochloromethane

Concen: 2.496 ug/L

RT: 8.246 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV027424.D

Acq: 17 Aug 2022 17:47

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT3-2022-05

Tgt Ion:129 Resp: 6354

Ion Ratio Lower Upper

129 100

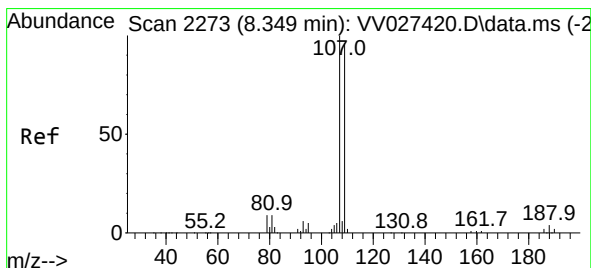
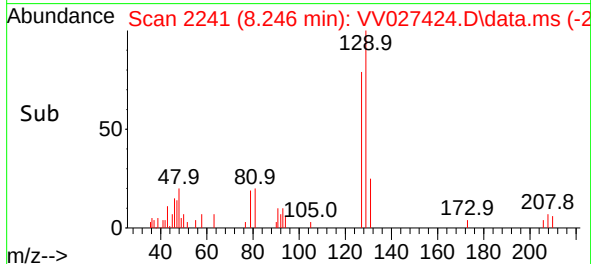
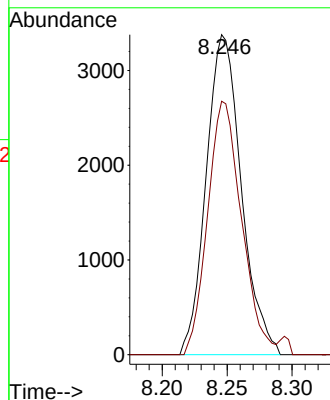
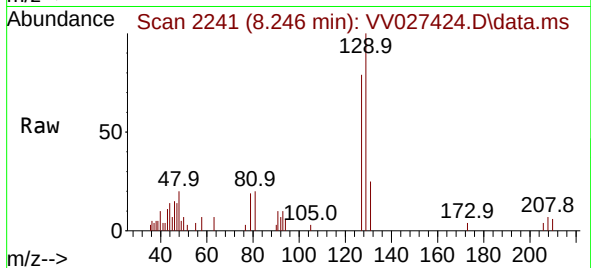
127 79.2 53.3 98.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/19/2022

Supervised By :Semsettin Yesilyurt 08/30/2022



#50

1,2-Dibromoethane

Concen: 2.276 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.006 min

Lab File: VV027424.D

Acq: 17 Aug 2022 17:47

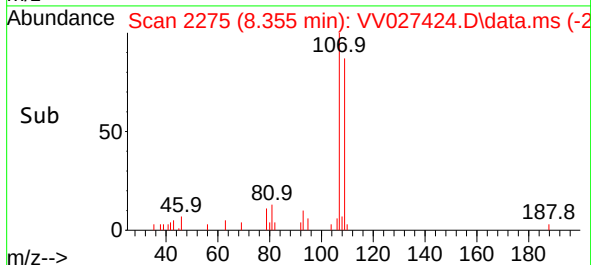
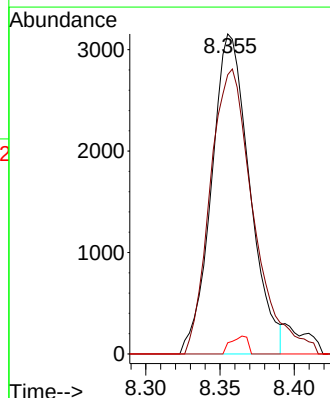
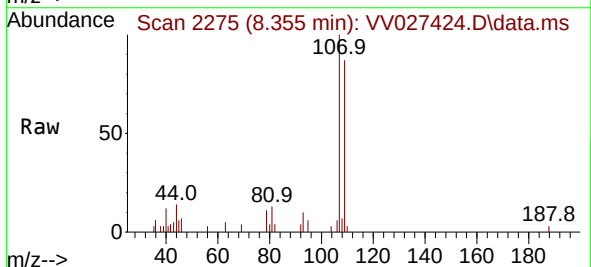
Tgt Ion:107 Resp: 5640

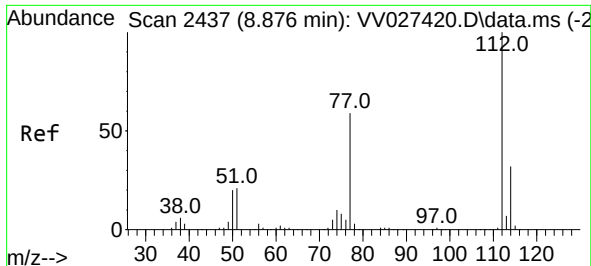
Ion Ratio Lower Upper

107 100

109 87.2 65.7 121.9

188 3.5 2.7 4.1





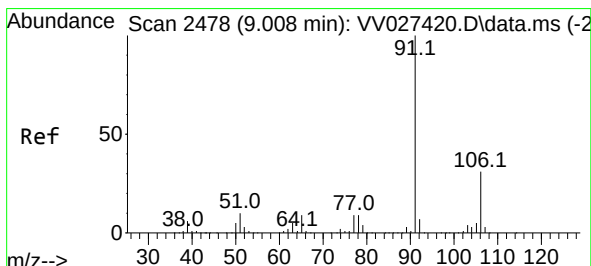
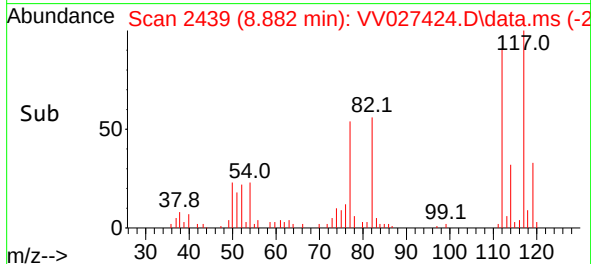
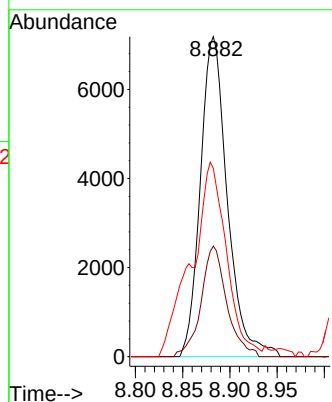
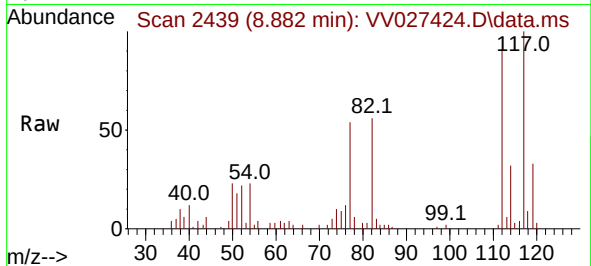
#51
Chlorobenzene
Concen: 2.344 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.006 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05

Tgt Ion: 112 Resp: 14259
Ion Ratio Lower Upper
112 100
114 34.5 22.8 42.4
77 58.9 44.2 66.2

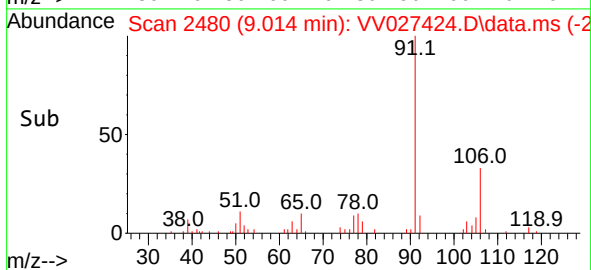
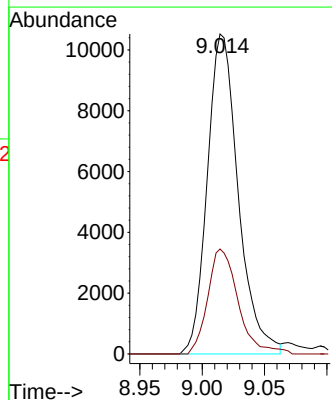
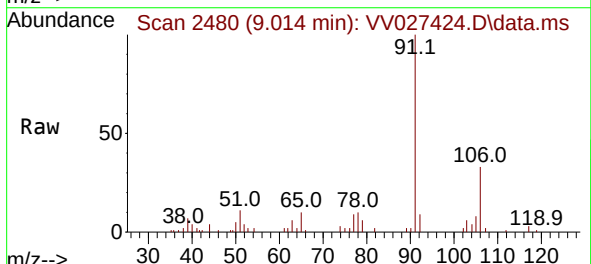
Manual Integrations
APPROVED

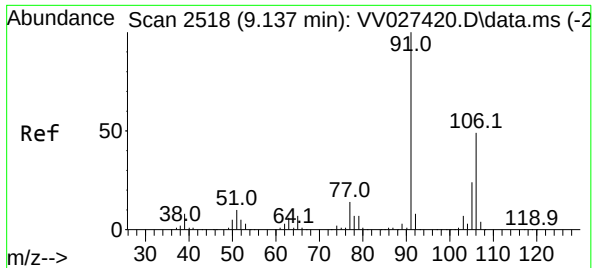
Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022



#52
Ethylbenzene
Concen: 1.944 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.006 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

Tgt Ion: 91 Resp: 18188
Ion Ratio Lower Upper
91 100
106 32.8 21.8 40.6





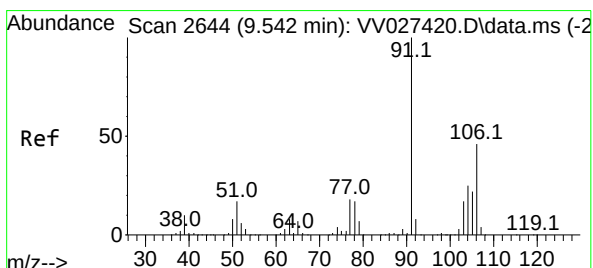
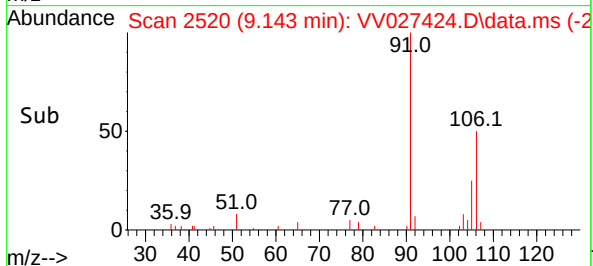
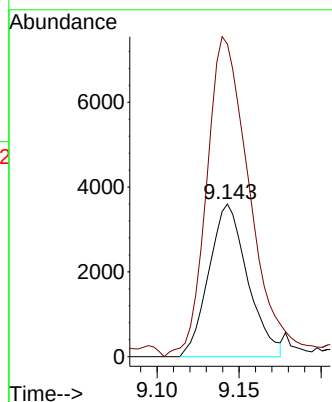
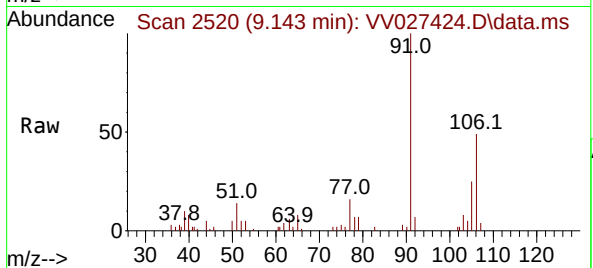
#53
m,p-Xylene
Concen: 1.671 ug/L
RT: 9.143 min Scan# 2518
Delta R.T. 0.006 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT3-2022-05

Tgt Ion:106 Resp: 5908
Ion Ratio Lower Upper
106 100
91 204.8 137.5 255.3

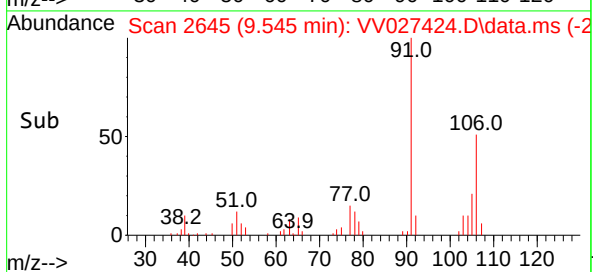
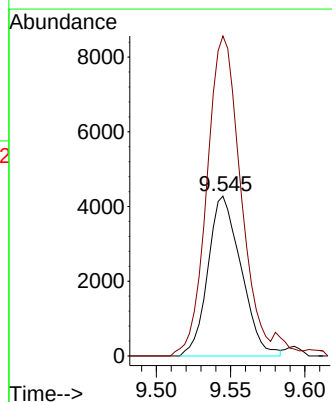
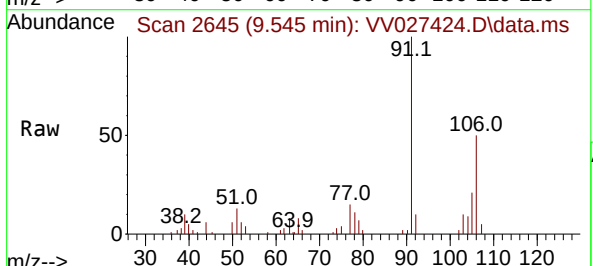
Manual Integrations
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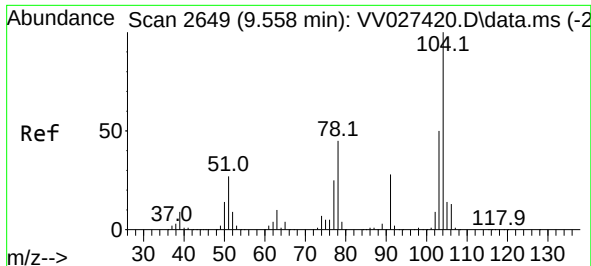
Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022



#54
o-Xylene
Concen: 1.931 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

Tgt Ion:106 Resp: 6653
Ion Ratio Lower Upper
106 100
91 200.2 146.6 272.2





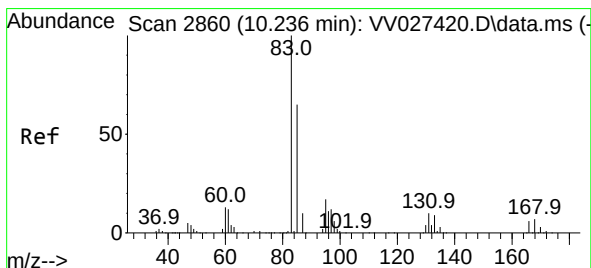
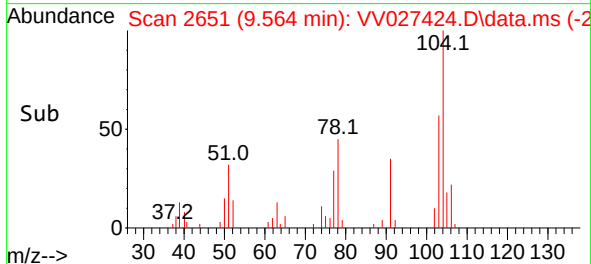
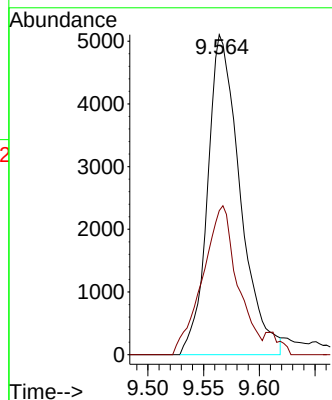
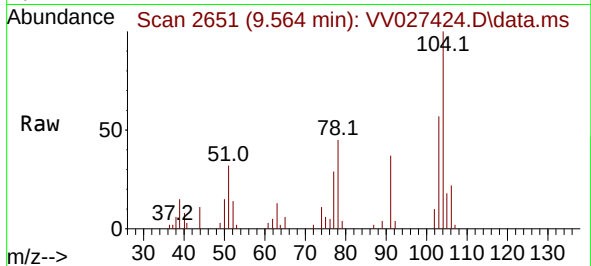
#55
Styrene
Concen: 1.706 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.006 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05

Tgt Ion:104 Resp: 10350
Ion Ratio Lower Upper
104 100
78 45.0 29.6 55.0

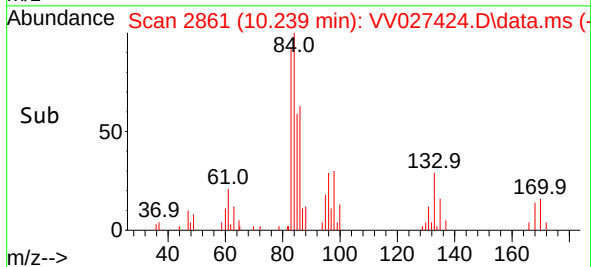
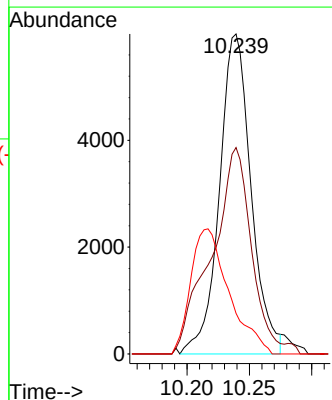
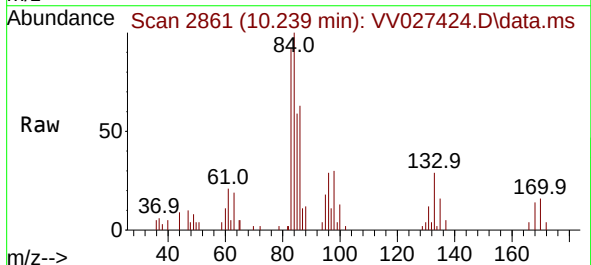
Manual Integrations
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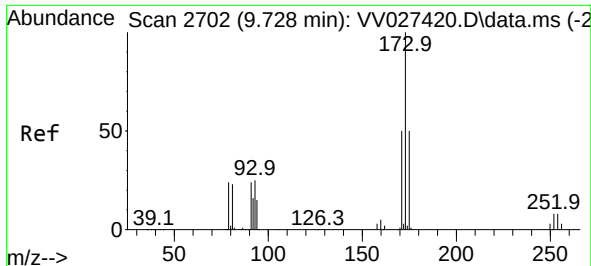
Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022



#57
1,1,2,2-Tetrachloroethane
Concen: 2.626 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

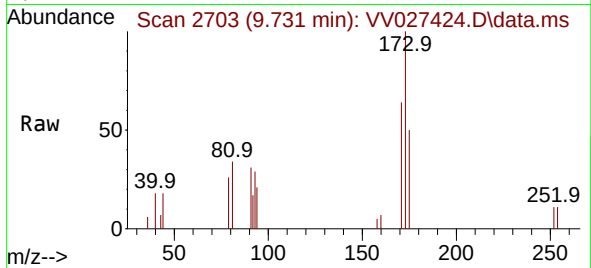
Tgt Ion: 83 Resp: 10594
Ion Ratio Lower Upper
83 100
85 64.5 45.2 84.0
131 12.7 8.1 12.1#





#59
Bromoform
Concen: 2.675 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

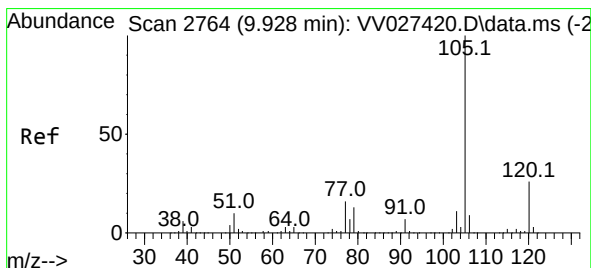
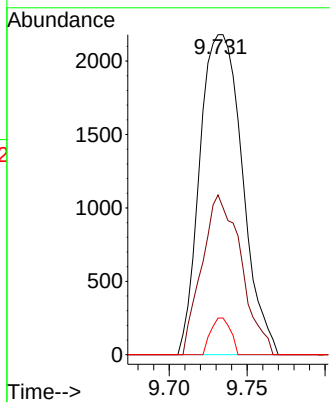
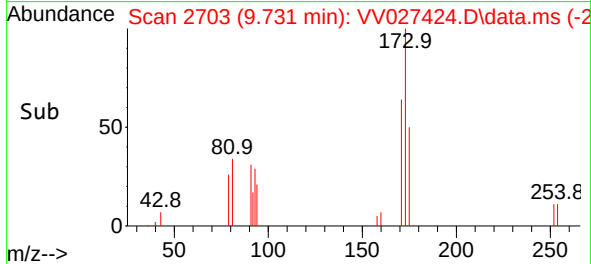
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



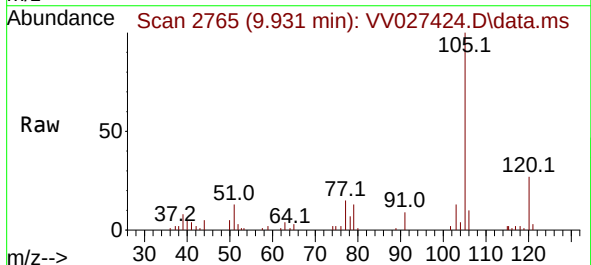
Tgt Ion:173 Resp: 4138
Ion Ratio Lower Upper
173 100
175 46.1 39.0 58.4
254 5.3 6.9 10.3

Manual Integrations
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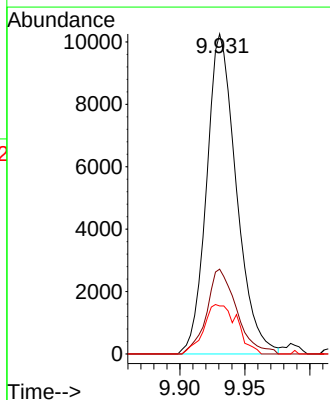
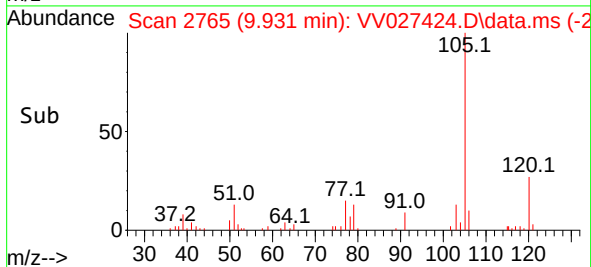
Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022

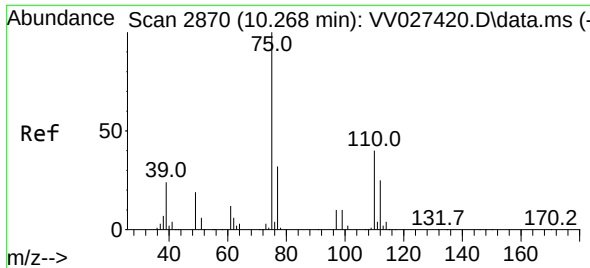


#60
Isopropylbenzene
Concen: 1.990 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47



Tgt Ion:105 Resp: 16328
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.0
77 17.3 11.8 17.6





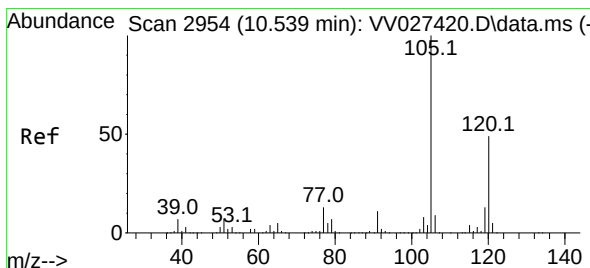
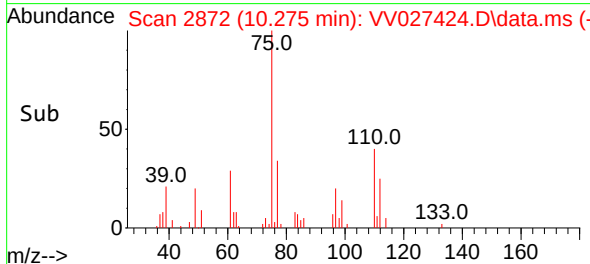
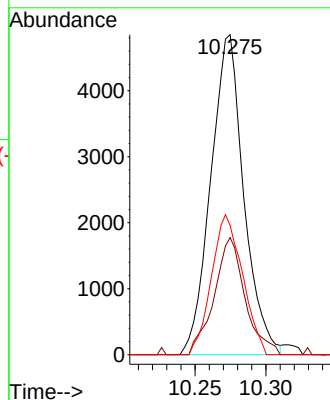
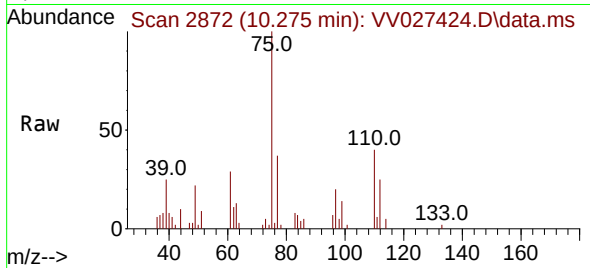
#61
1,2,3-Trichloropropane
Concen: 2.630 ug/L
RT: 10.275 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05

Tgt Ion: 75 Resp: 7862
Ion Ratio Lower Upper
75 100
77 34.2 25.8 38.8
110 41.1 32.7 49.1

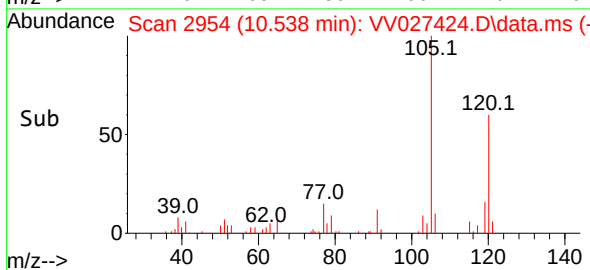
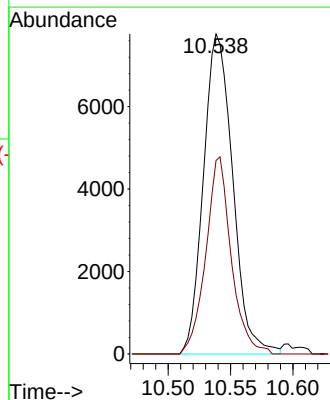
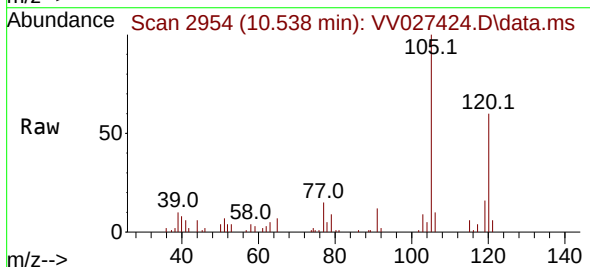
Manual Integrations
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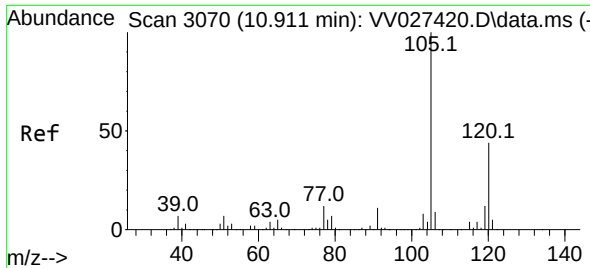
Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022



#62
1,3,5-Trimethylbenzene
Concen: 1.870 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

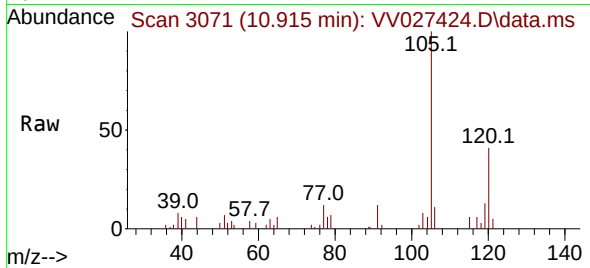
Tgt Ion:105 Resp: 12669
Ion Ratio Lower Upper
105 100
120 53.5 39.3 58.9





#63
1,2,4-Trimethylbenzene
Concen: 2.015 ug/L
RT: 10.915 min Scan# 3070
Delta R.T. 0.003 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

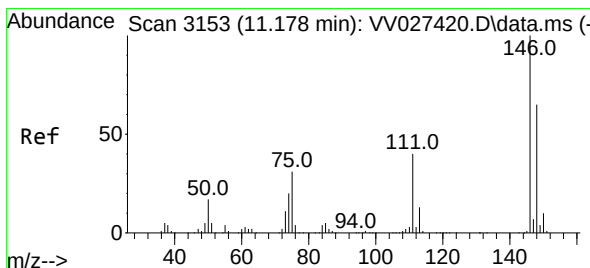
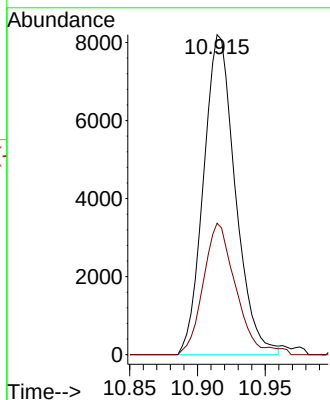
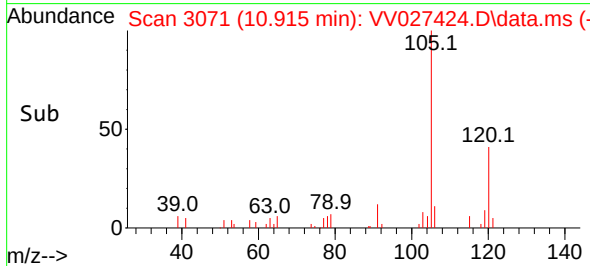
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



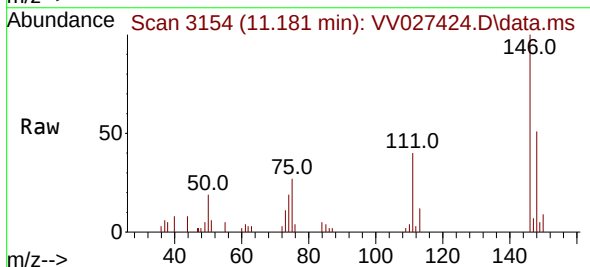
Tgt Ion:105 Resp: 13370
Ion Ratio Lower Upper
105 100
120 40.9 37.0 55.6

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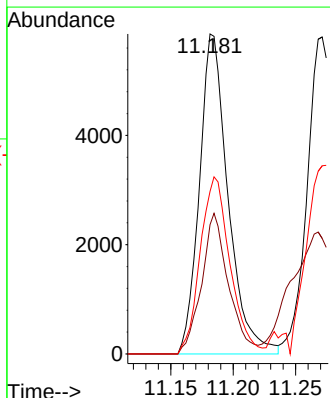
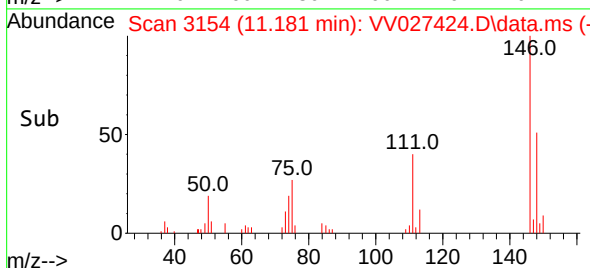
Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022

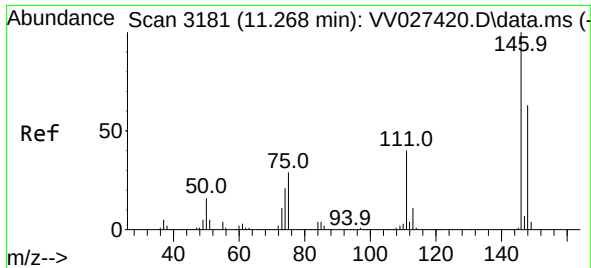


#64
1,3-Dichlorobenzene
Concen: 2.354 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47



Tgt Ion:146 Resp: 9363
Ion Ratio Lower Upper
146 100
111 40.4 28.4 52.8
148 50.8 44.7 82.9





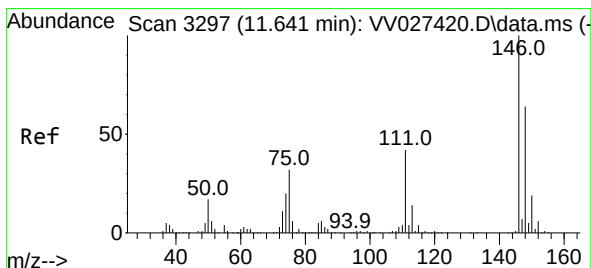
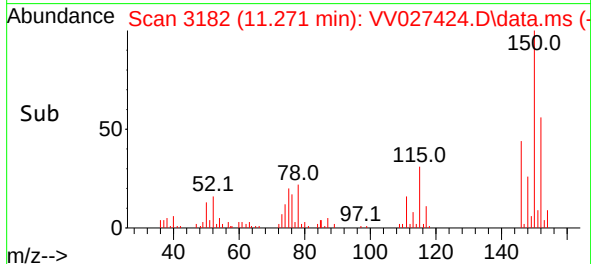
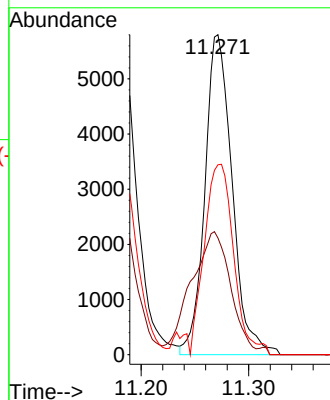
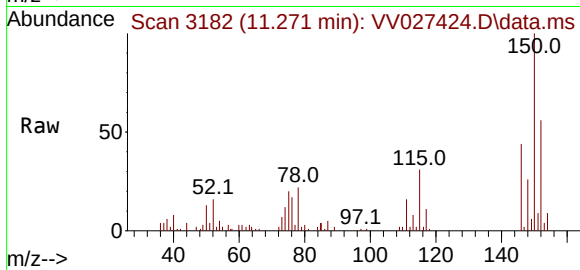
#65
1,4-Dichlorobenzene
Concen: 2.442 ug/L
RT: 11.271 min Scan# 3181
Delta R.T. 0.003 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT3-2022-05

Tgt Ion:146 Resp: 10220
Ion Ratio Lower Upper
146 100
111 36.4 27.4 51.0
148 59.3 44.6 82.8

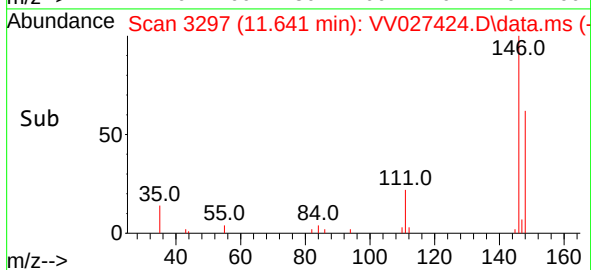
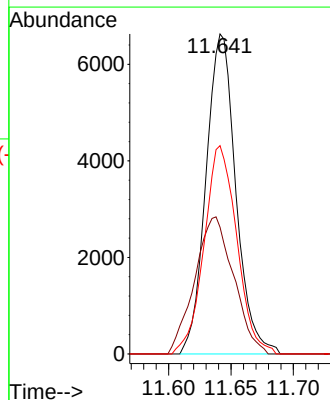
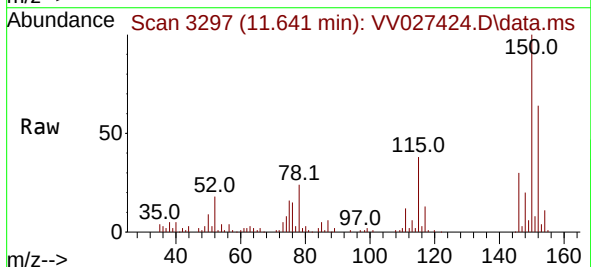
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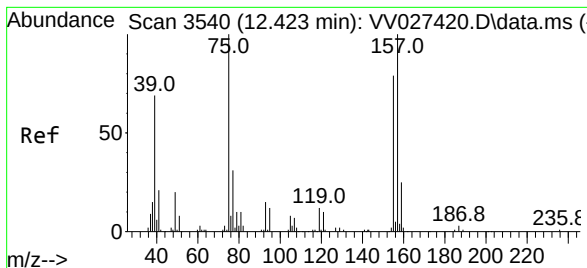
Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022



#67
1,2-Dichlorobenzene
Concen: 2.653 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

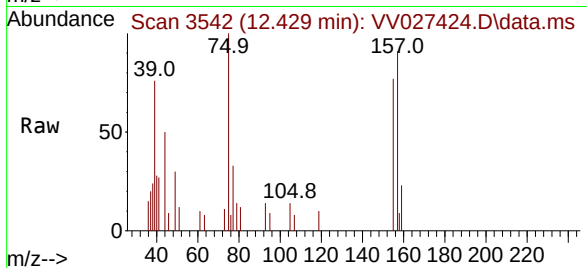
Tgt Ion:146 Resp: 11055
Ion Ratio Lower Upper
146 100
111 39.6 34.0 51.0
148 65.1 50.5 75.7





#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.675 ug/L
 RT: 12.429 min Scan# 3540
 Delta R.T. 0.006 min
 Lab File: VV027424.D
 Acq: 17 Aug 2022 17:47

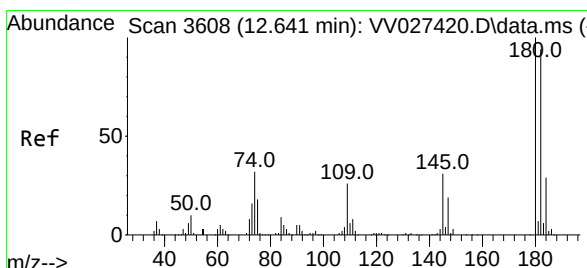
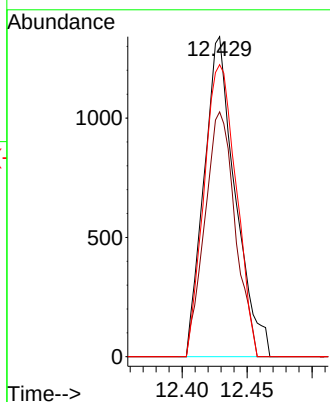
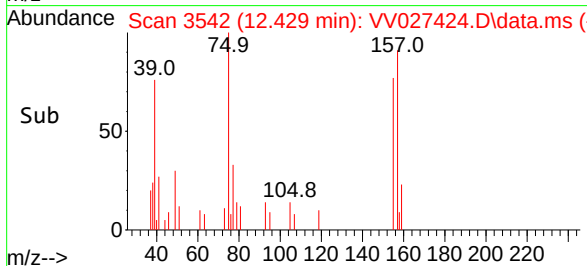
Instrument : MSVOA_V
 ClientSampleId : MDL-MED-SOIL-QT3-2022-05



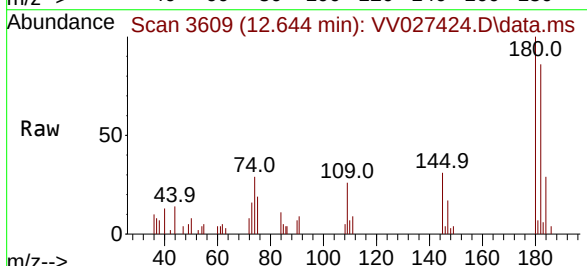
Tgt Ion: 75 Resp: 224
 Ion Ratio Lower Upper
 75 100
 155 76.5 69.1 103.7
 157 91.3 87.8 131.8

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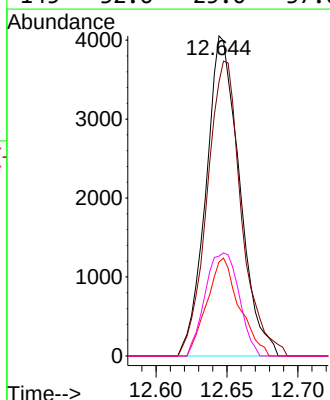
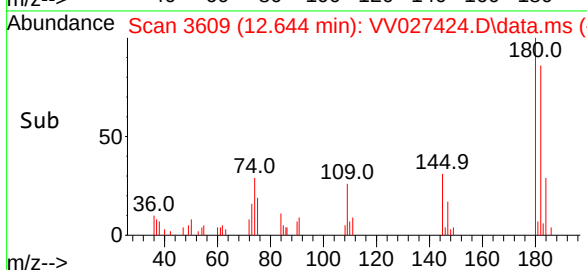
Reviewed By :Mahesh Dadoda 08/19/2022
 Supervised By :Semsettin Yesilyurt 08/30/2022

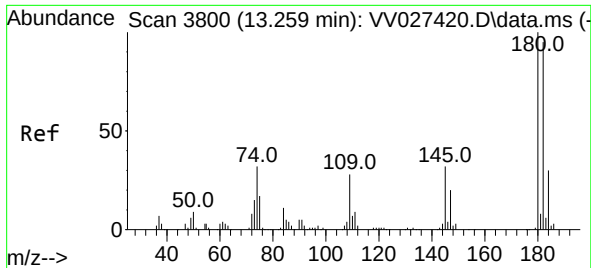


#69
 1,3,5-Trichlorobenzene
 Concen: 2.496 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV027424.D
 Acq: 17 Aug 2022 17:47



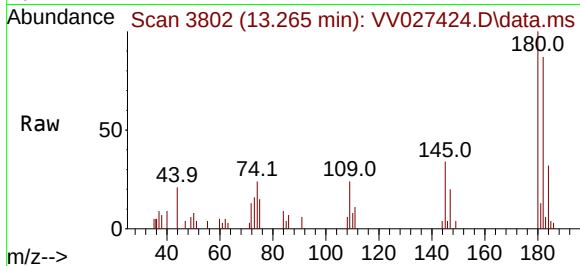
Tgt Ion:180 Resp: 6668
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.2 114.4
 184 29.4 24.8 37.2
 145 32.6 25.0 37.6





#70
1,2,4-trichlorobenzene
Concen: 2.346 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.006 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47

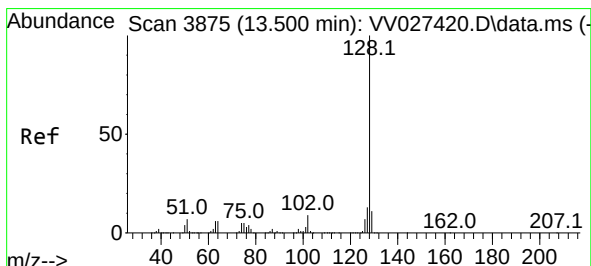
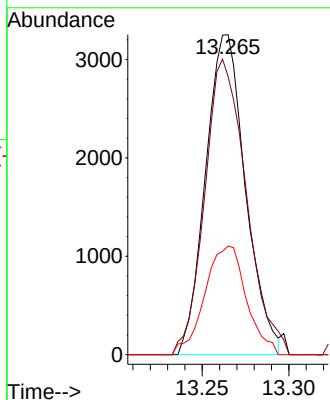
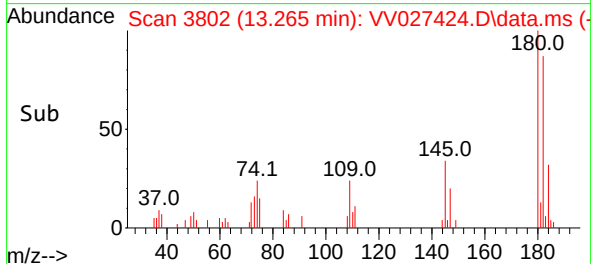
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



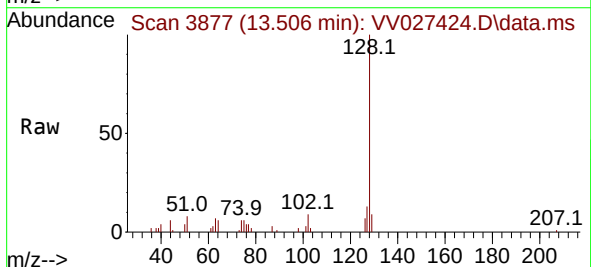
Tgt Ion:180 Resp: 520
Ion Ratio Lower Upper
180 100
182 95.9 75.9 113.9
145 35.4 24.7 37.1

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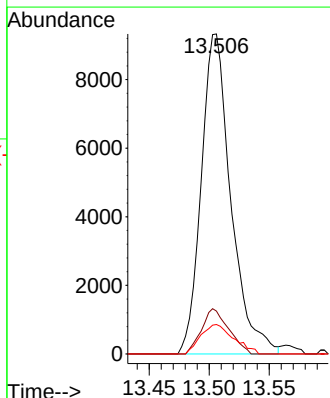
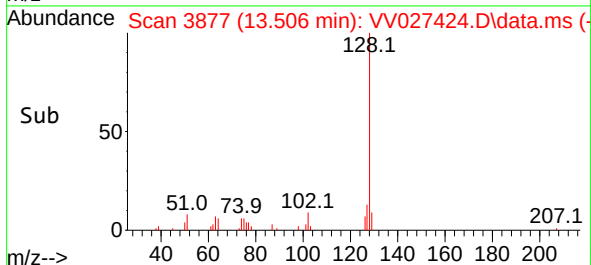
Reviewed By :Mahesh Dadoda 08/19/2022
Supervised By :Semsettin Yesilyurt 08/30/2022

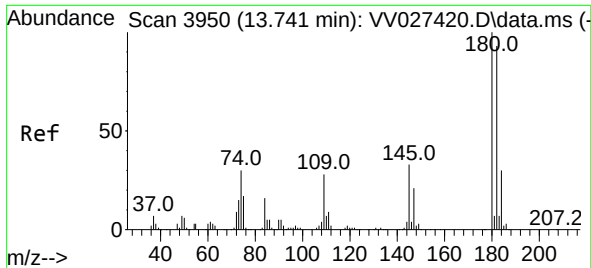


#71
Naphthalene
Concen: 2.112 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV027424.D
Acq: 17 Aug 2022 17:47



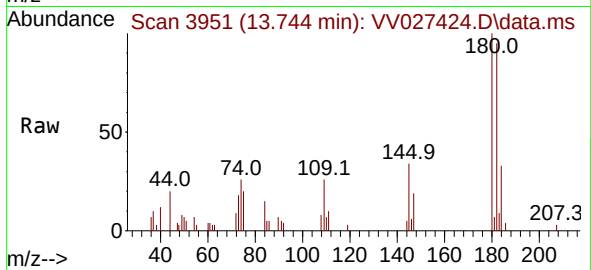
Tgt Ion:128 Resp: 16046
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.0 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 2.308 ug/L
 RT: 13.744 min Scan# 3950
 Delta R.T. 0.003 min
 Lab File: VV027424.D
 Acq: 17 Aug 2022 17:47

Instrument : MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT3-2022-05



Tgt Ion:	180	Resp:	567
Ion Ratio	Lower	Upper	
180	100		
182	92.3	76.3	114.5
145	33.0	27.4	41.0

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/19/2022
 Supervised By :Semsettin Yesilyurt 08/30/2022

