

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022824\
 Data File : VU057960.D
 Acq On : 28 Feb 2024 13:51
 Operator : MD/SY
 Sample : P1601-06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-MED-SOIL-QT1-2024-02

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Feb 29 00:19:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 29 00:08:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	258721	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	249550	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	118153	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	86481	46.171	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.340%
7) Chloroethane-d5	1.904	69	69161	49.956	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.920%
11) 1,1-Dichloroethene-d2	2.557	63	116848	33.474	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.940%
21) 2-Butanone-d5	4.612	46	85275	119.822	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.820%
24) Chloroform-d	5.052	84	151087	47.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.140%
26) 1,2-Dichloroethane-d4	5.692	65	100303	50.378	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.760%
32) Benzene-d6	5.718	84	304669	48.717	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.440%
36) 1,2-Dichloropropane-d6	6.682	67	100862	49.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.900%
41) Toluene-d8	7.891	98	269508	47.607	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.220%
43) trans-1,3-Dichloroprop...	8.174	79	44576	46.354	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.700%
47) 2-Hexanone-d5	8.628	63	55750	71.813	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.810%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	122003	43.783	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.560%
66) 1,2-Dichlorobenzene-d4	12.187	152	91592	47.875	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.740%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	4436	1.564	ug/L	98
3) Chloromethane	1.515	50	4623	1.603	ug/L	98
5) Vinyl chloride	1.599	62	5124	1.799	ug/L	83
6) Bromomethane	1.850	94	2783	2.503	ug/L	99
8) Chloroethane	1.927	64	2873	1.725	ug/L #	79
9) Trichlorofluoromethane	2.133	101	6337	1.819	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	4394	2.170	ug/L #	83
12) 1,1-Dichloroethene	2.570	96	4272	2.281	ug/L #	1
13) Acetone	2.618	43	4462	3.386	ug/L	95
14) Carbon disulfide	2.785	76	11030	1.799	ug/L	99
15) Methyl Acetate	2.949	43	3174	1.480	ug/L	98
16) Methylene chloride	3.036	84	5156	2.112	ug/L	90
17) trans-1,2-Dichloroethene	3.348	96	3409	1.754	ug/L	92
18) Methyl tert-butyl Ether	3.348	73	11647	1.721	ug/L	96
19) 1,1-Dichloroethane	3.859	63	7486	1.858	ug/L	97
20) cis-1,2-Dichloroethene	4.657	96	4391	1.970	ug/L	79
22) 2-Butanone	4.718	43	5513m	3.453	ug/L	
23) Bromochloromethane	4.962	128	1775m	1.639	ug/L	
27) 1,2-Dichloroethane	5.789	62	5877	1.775	ug/L	98

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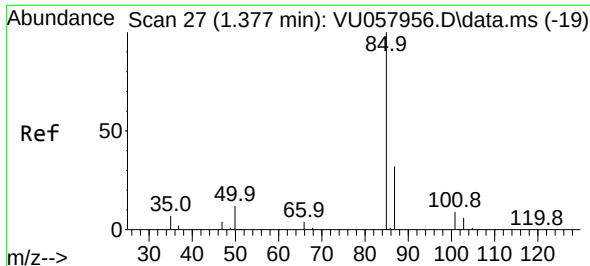
Manual Integrations
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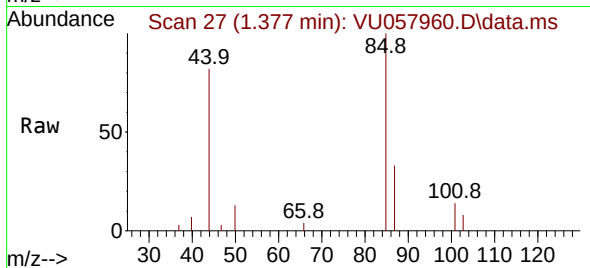
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.380	56	6229	1.696	ug/L	95
30) 1,1,1-Trichloroethane	5.309	97	5889	1.751	ug/L	96
31) Carbon tetrachloride	5.525	117	4684	1.622	ug/L	90
34) Trichloroethene	6.538	95	4070	1.819	ug/L	85
35) Methylcyclohexane	6.753	83	6515	1.792	ug/L	96
37) 1,2-Dichloropropane	6.782	63	4474	1.822	ug/L #	92
38) Bromodichloromethane	7.100	83	5374	1.822	ug/L #	95
39) cis-1,3-Dichloropropene	7.605	75	6472	1.724	ug/L	98
42) Toluene	7.965	91	15614	1.733	ug/L	95
44) trans-1,3-Dichloropropene	8.206	75	6427	1.845	ug/L	94
45) 1,1,2-Trichloroethane	8.399	97	3725	1.707	ug/L	96
46) Tetrachloroethene	8.550	164	2601	1.689	ug/L	95
49) Dibromochloromethane	8.804	129	3538	1.628	ug/L	97
50) 1,2-Dibromoethane	8.923	107	4183	1.821	ug/L #	95
51) Chlorobenzene	9.444	112	10621	1.854	ug/L	96
52) Ethylbenzene	9.566	91	17315	1.714	ug/L	95
53) m,p-Xylene	9.692	106	5885	1.602	ug/L	81
54) o-Xylene	10.097	106	5417	1.493	ug/L	93
55) Styrene	10.113	104	9394	1.509	ug/L	87
57) 1,1,2,2-Tetrachloroethane	10.775	83	6534	1.758	ug/L	95
60) 1,2,3-Trichloropropane	10.817	75	4460	1.629	ug/L	97
61) Isopropylbenzene	10.480	105	15743	1.705	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	11855	1.490	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	12014	1.503	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	7597	1.861	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	8338	2.005	ug/L	94
67) 1,2-Dichlorobenzene	12.206	146	7029	1.750	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.997	75	944m	1.452	ug/L	
69) 1,3,5-Trichlorobenzene	13.219	180	4290	1.562	ug/L	92
70) 1,2,4-trichlorobenzene	13.843	180	3832	1.733	ug/L	89
71) Naphthalene	14.094	128	9340m	1.591	ug/L	
72) 1,2,3-Trichlorobenzene	14.332	180	3476	1.712	ug/L	92

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



#2
Dichlorodifluoromethane
Concen: 1.564 ug/L
RT: 1.377 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

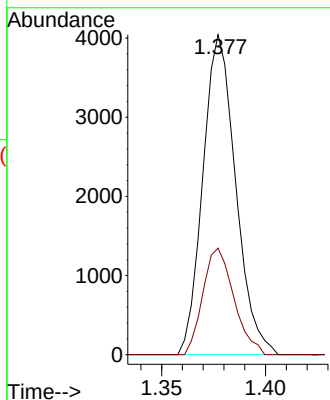
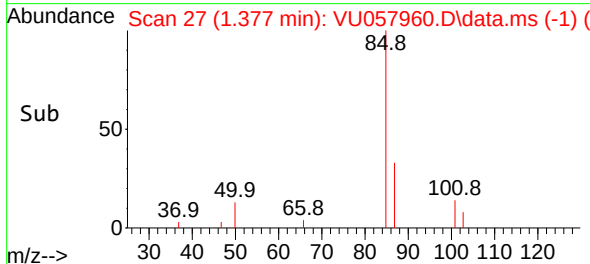
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



Tgt Ion: 85 Resp: 4430
Ion Ratio Lower Upper
85 100
87 31.5 26.2 39.2

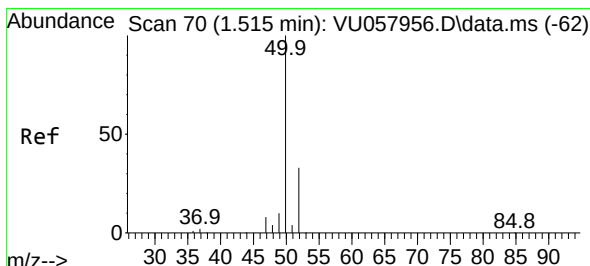
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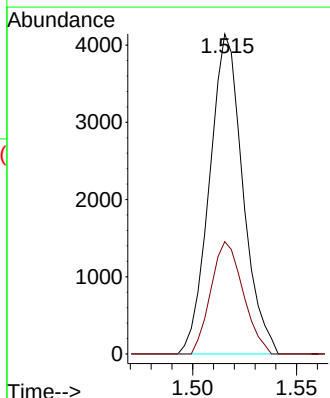
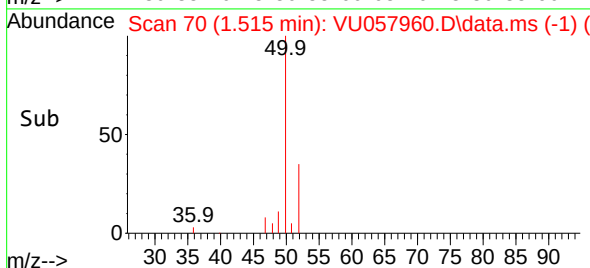
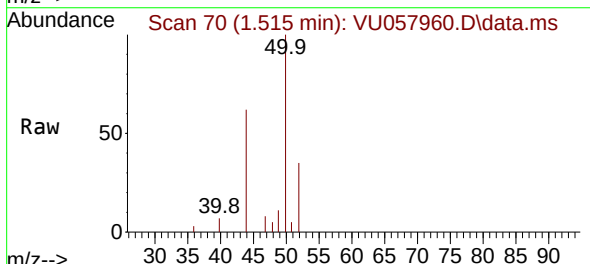
02/29/2024
Supervised By :Semsettin
Yesilyurt

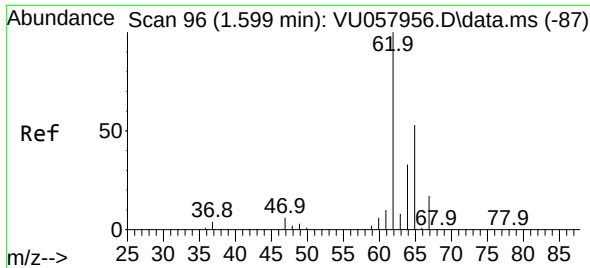
02/29/2024



#3
Chloromethane
Concen: 1.603 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Tgt Ion: 50 Resp: 4623
Ion Ratio Lower Upper
50 100
52 35.1 23.8 44.2





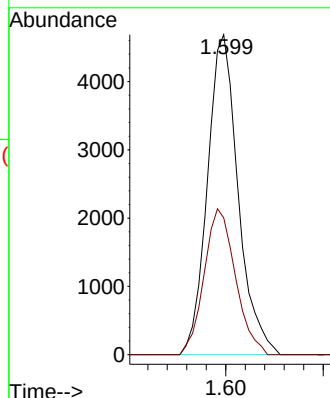
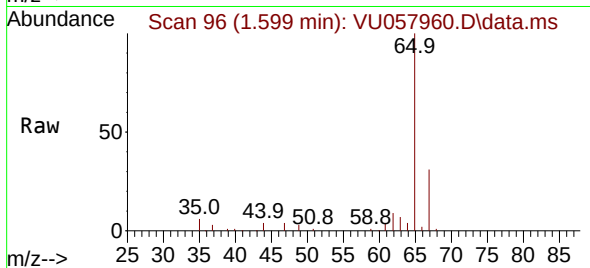
#5
 Vinyl chloride
 Concen: 1.799 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU057960.D
 Acq: 28 Feb 2024 13:51

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 62 Resp: 5124
 Ion Ratio Lower Upper
 62 100
 64 42.7 23.1 42.9

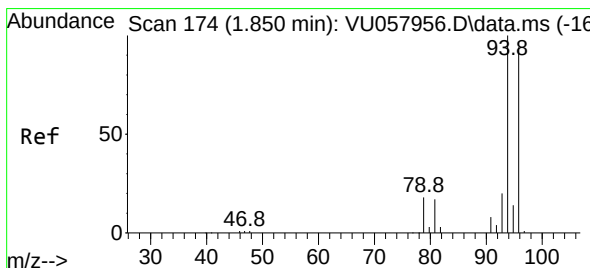
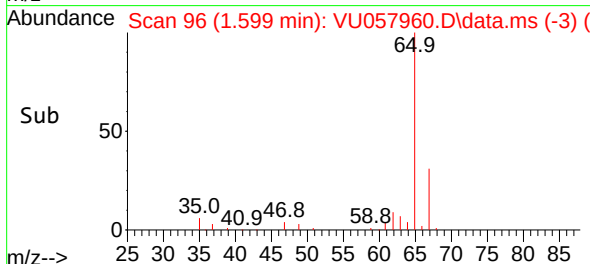
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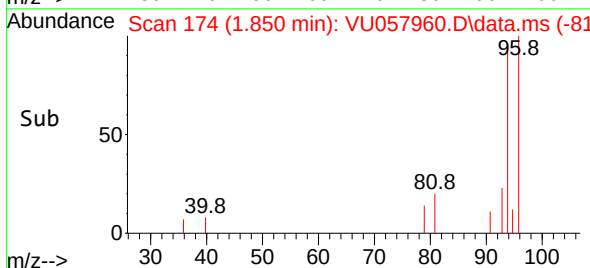
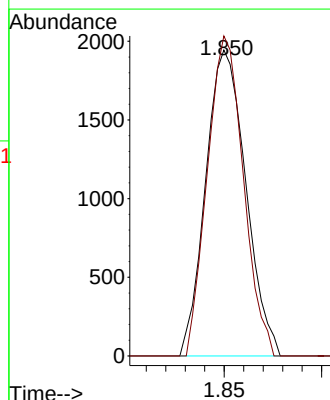
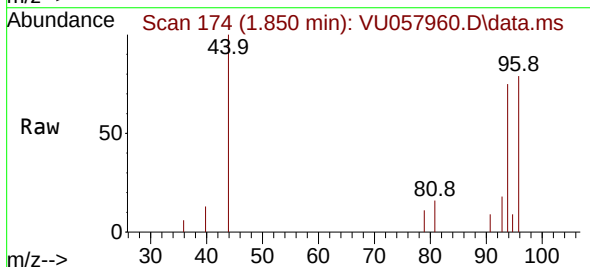
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 Yesilyurt

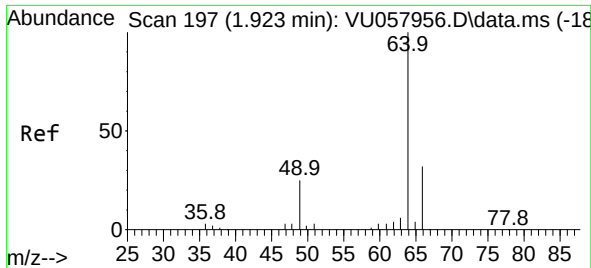
02/29/2024



#6
 Bromomethane
 Concen: 2.503 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VU057960.D
 Acq: 28 Feb 2024 13:51

Tgt Ion: 94 Resp: 2783
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.5 121.7





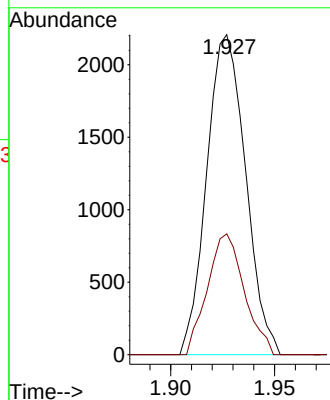
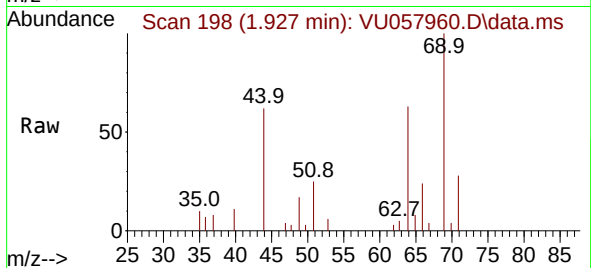
#8
Chloroethane
Concen: 1.725 ug/L
RT: 1.927 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

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ClientSampleId : MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 64 Resp: 287
Ion Ratio Lower Upper
64 100
66 44.2 22.5 41.9

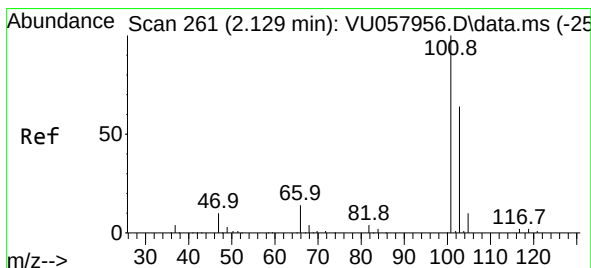
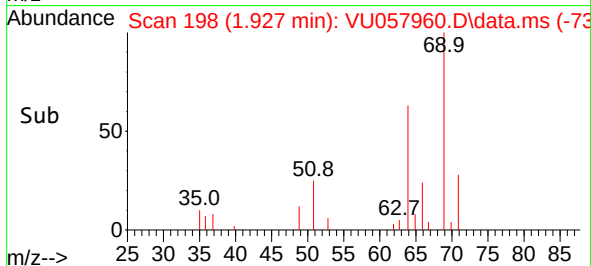
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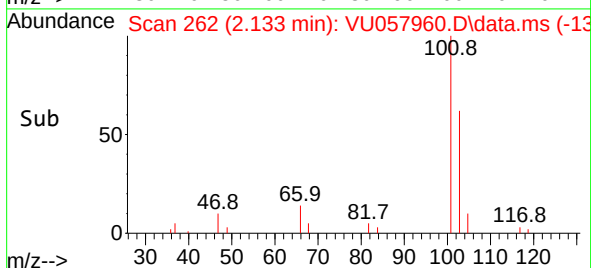
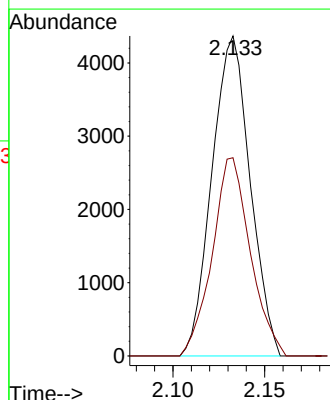
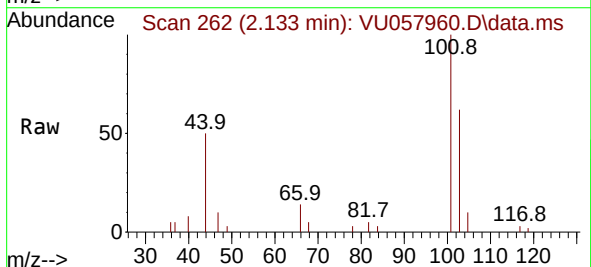
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Supervised By :Semsettin
Yesilyurt

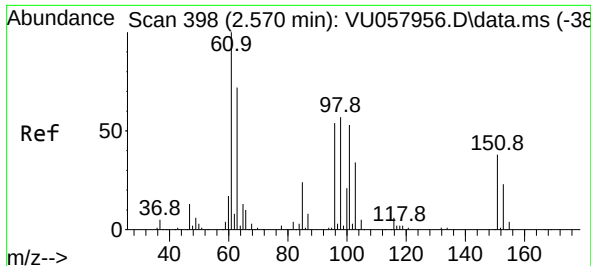
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#9
Trichlorofluoromethane
Concen: 1.819 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Tgt Ion:101 Resp: 6337
Ion Ratio Lower Upper
101 100
103 61.6 51.7 77.5





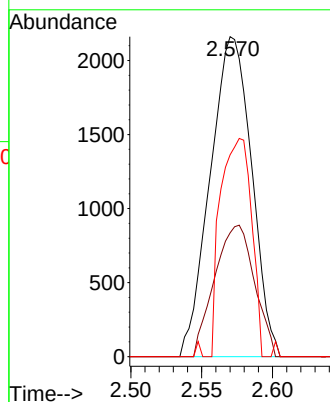
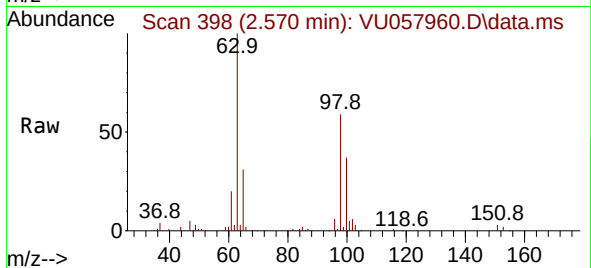
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.170 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 4394
Ion Ratio Lower Upper
101 100
85 39.6 35.7 53.5
151 51.1 55.8 83.6

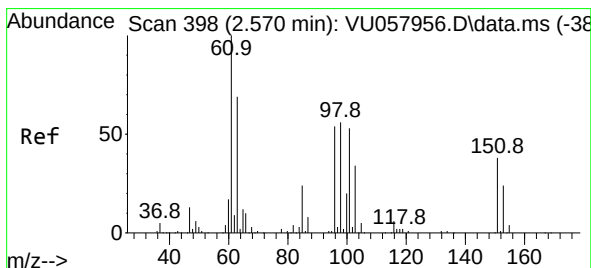
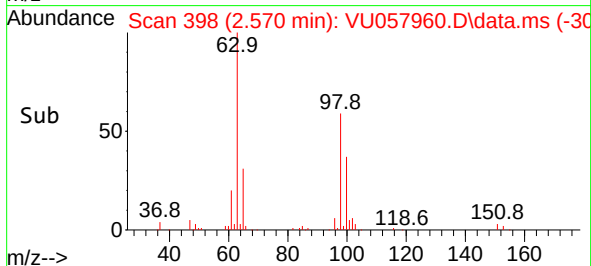
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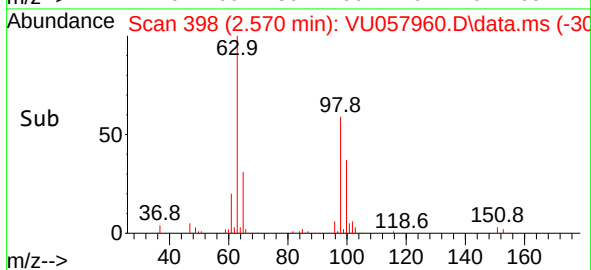
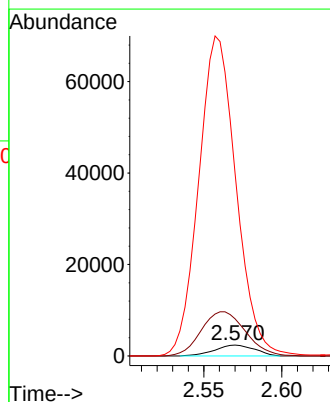
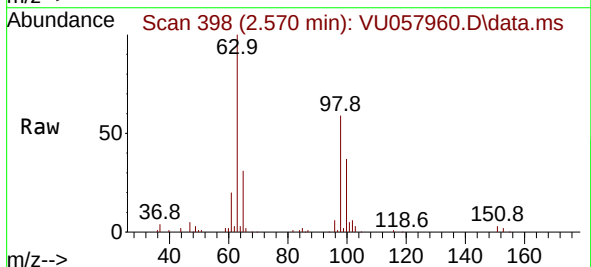
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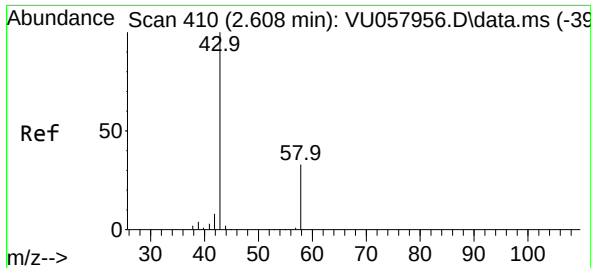
02/29/2024



#12
1,1-Dichloroethene
Concen: 2.281 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Tgt Ion: 96 Resp: 4272
Ion Ratio Lower Upper
96 100
61 340.4 126.8 235.6#
63 1677.6 86.5 160.7#





#13

Acetone

Concen: 3.386 ug/L

RT: 2.618 min Scan# 410

Delta R.T. 0.010 min

Lab File: VU057960.D

Acq: 28 Feb 2024 13:51

Instrument :

MSVOA_U

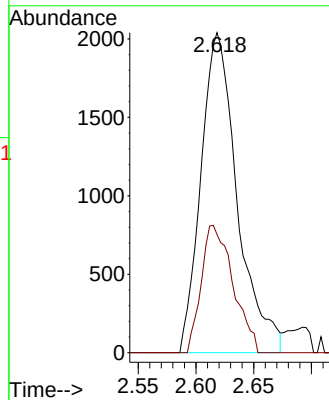
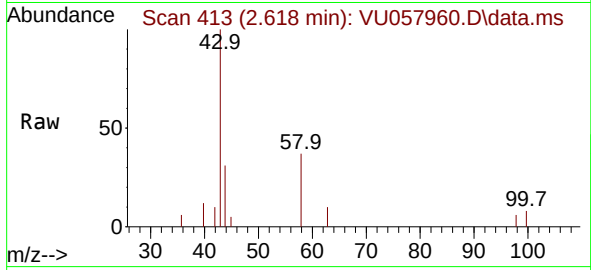
ClientSampleId :

MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 43 Resp: 4462
 Ion Ratio Lower Upper
 43 100
 58 34.8 0.0 64.2

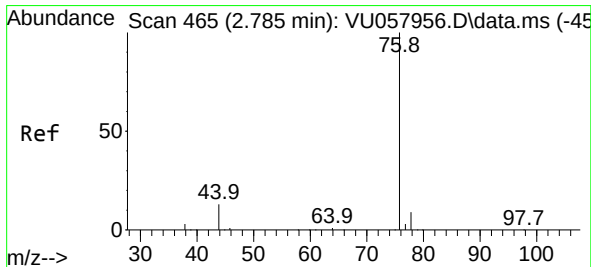
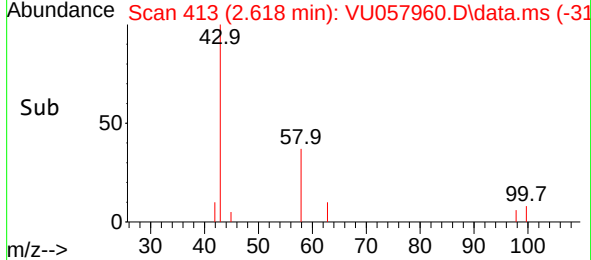
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 Dadoda



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 Supervised By :Semsettin
 Yesilyurt

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#14

Carbon disulfide

Concen: 1.799 ug/L

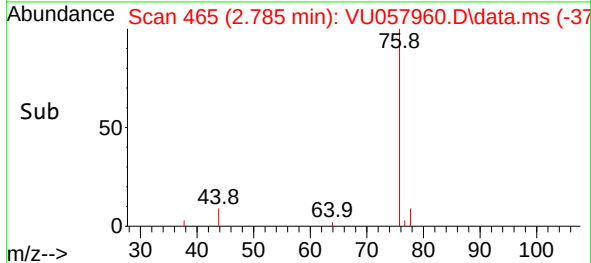
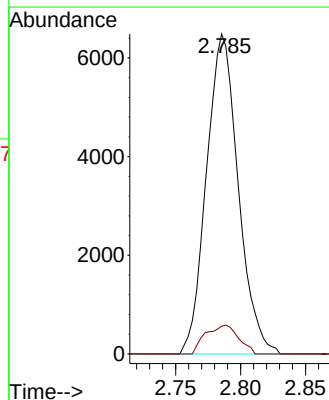
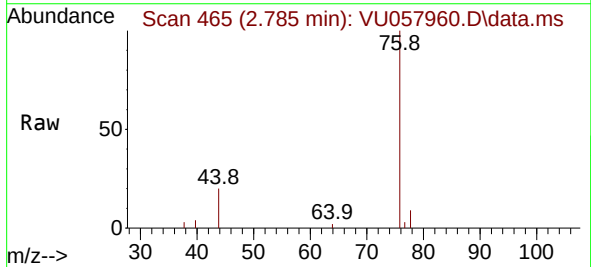
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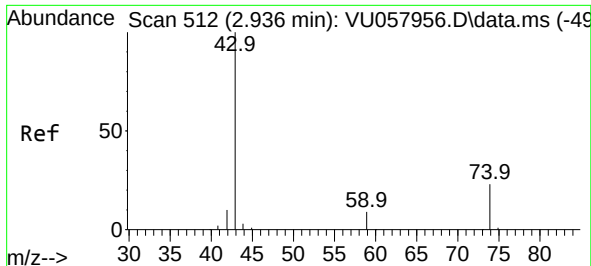
Delta R.T. 0.000 min

Lab File: VU057960.D

Acq: 28 Feb 2024 13:51

Tgt Ion: 76 Resp: 11030
 Ion Ratio Lower Upper
 76 100
 78 8.4 7.1 10.7





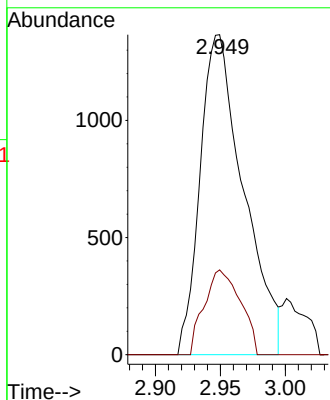
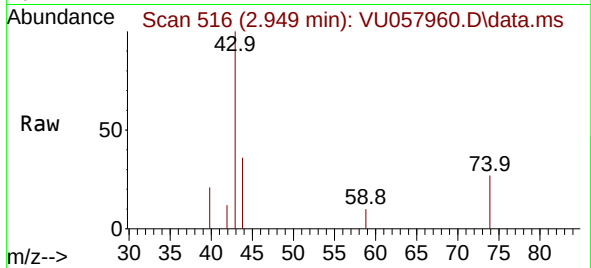
#15
Methyl Acetate
Concen: 1.480 ug/L
RT: 2.949 min Scan# 516
Delta R.T. 0.013 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 43 Resp: 3174
Ion Ratio Lower Upper
43 100
74 22.1 18.6 27.8

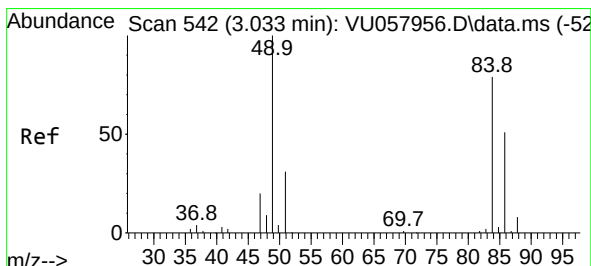
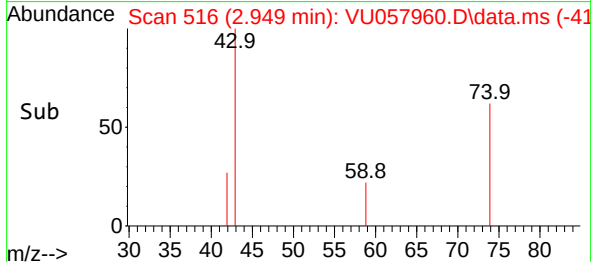
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



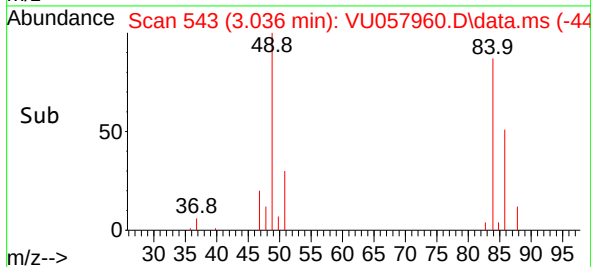
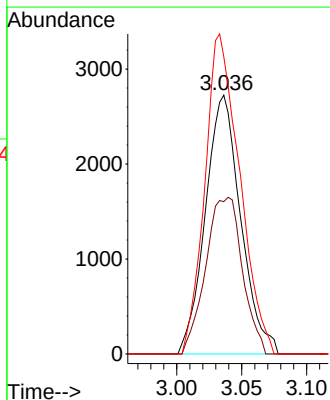
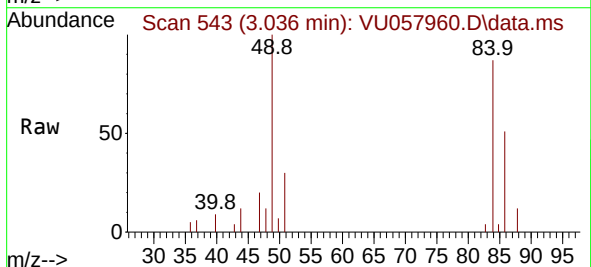
02/29/2024
Supervised By :Semsettin
Yesilyurt

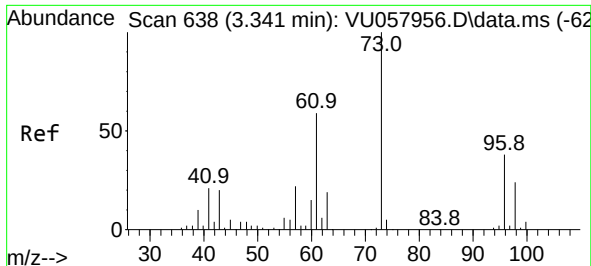
02/29/2024



#16
Methylene chloride
Concen: 2.112 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Tgt Ion: 84 Resp: 5156
Ion Ratio Lower Upper
84 100
86 58.8 45.1 83.7
49 114.8 89.7 166.5





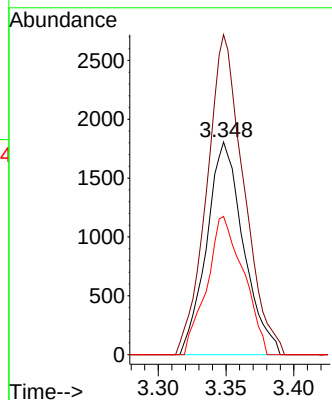
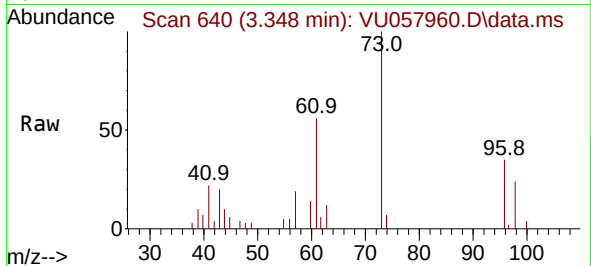
#17
trans-1,2-Dichloroethene
Concen: 1.754 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.007 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 96 Resp: 3409
Ion Ratio Lower Upper
96 100
61 166.0 106.3 197.3
98 65.1 44.4 82.5

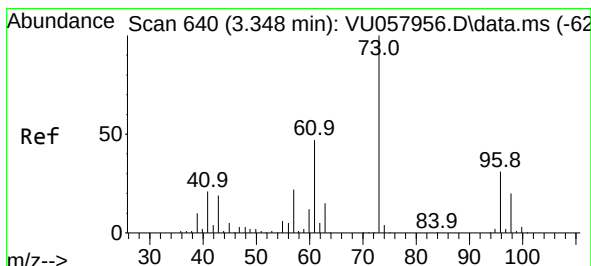
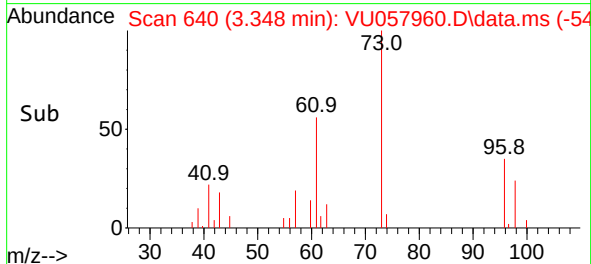
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



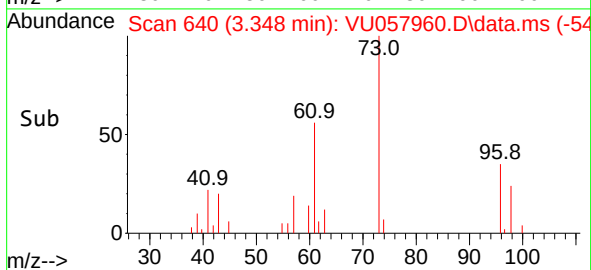
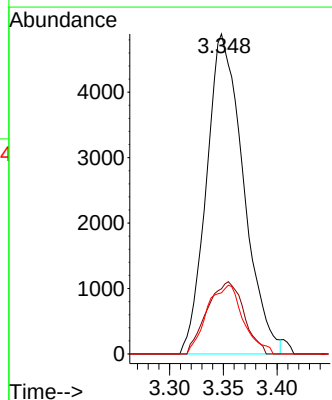
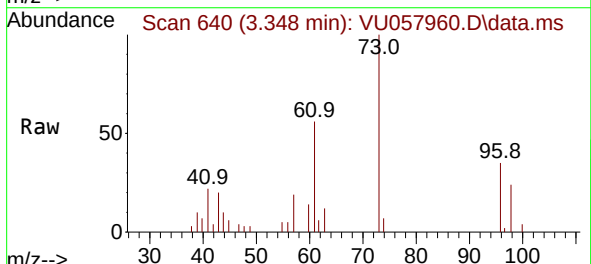
02/29/2024
Supervised By :Semsettin
Yesilyurt

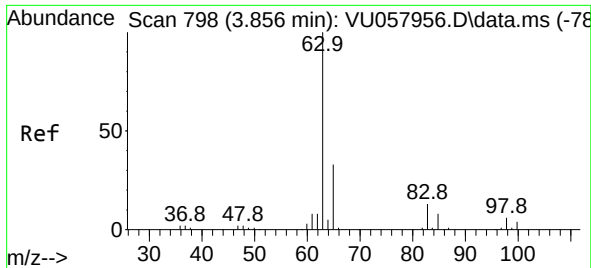
02/29/2024



#18
Methyl tert-butyl Ether
Concen: 1.721 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Tgt Ion: 73 Resp: 11647
Ion Ratio Lower Upper
73 100
43 22.5 16.0 24.0
57 21.1 17.8 26.6





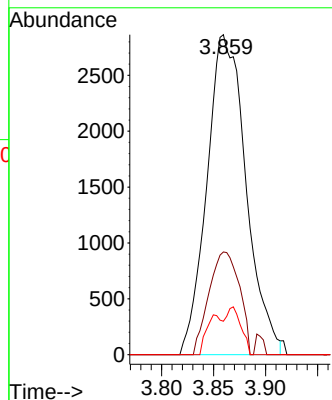
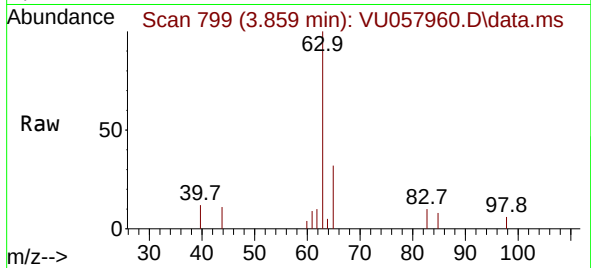
#19
1,1-Dichloroethane
Concen: 1.858 ug/L
RT: 3.859 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 63 Resp: 7480
Ion Ratio Lower Upper
63 100
65 30.6 21.7 40.3
83 9.9 9.4 17.4

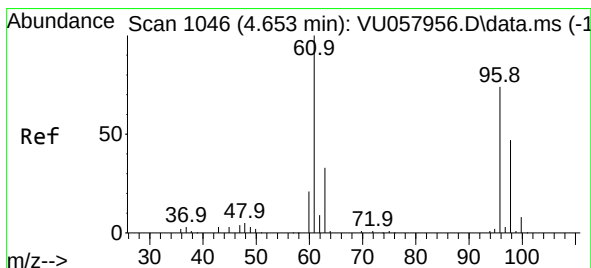
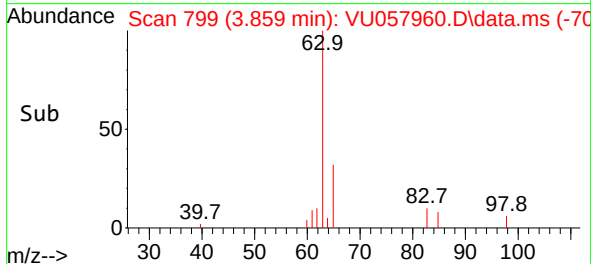
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



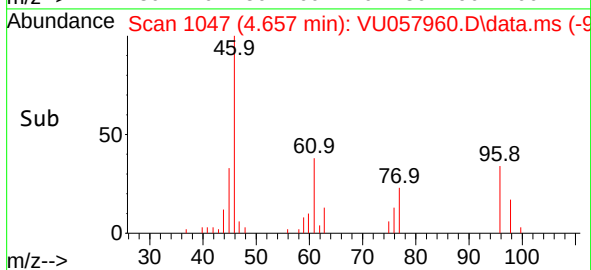
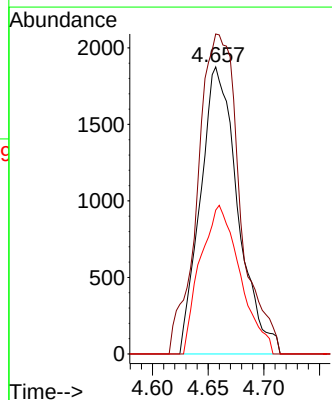
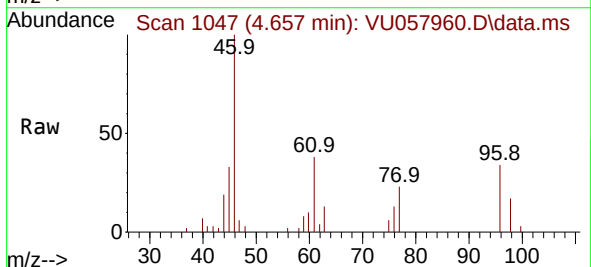
02/29/2024
Supervised By :Semsettin
Yesilyurt

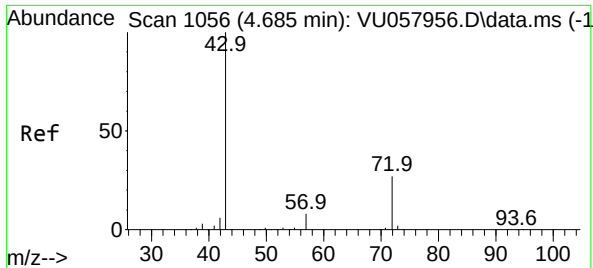
02/29/2024



#20
cis-1,2-Dichloroethene
Concen: 1.970 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Tgt Ion: 96 Resp: 4391
Ion Ratio Lower Upper
96 100
61 111.5 96.7 179.7
98 50.1 44.3 82.3





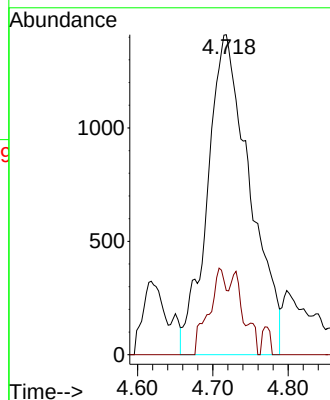
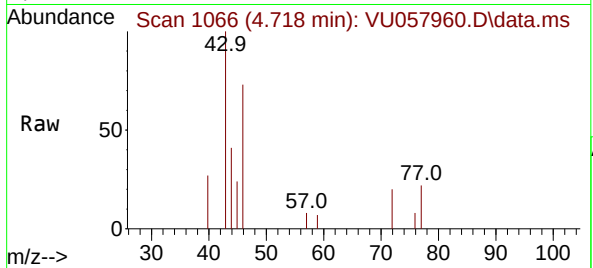
#22
2-Butanone
Concen: 3.453 ug/L m
RT: 4.718 min Scan# 1066
Delta R.T. 0.032 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 43 Resp: 551
Ion Ratio Lower Upper
43 100
72 8.3 13.8 41.3

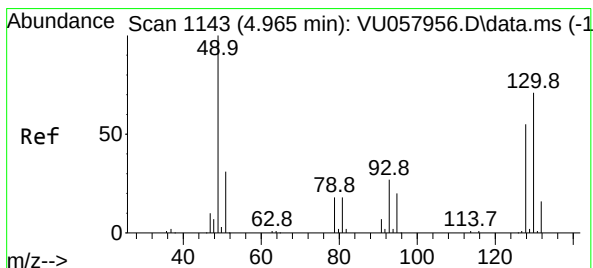
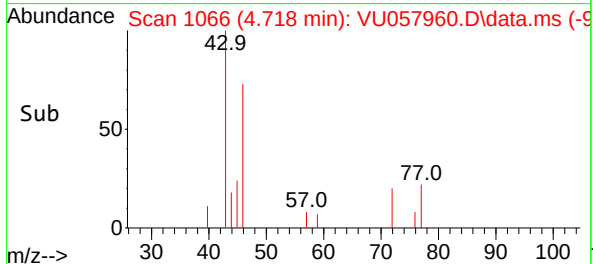
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



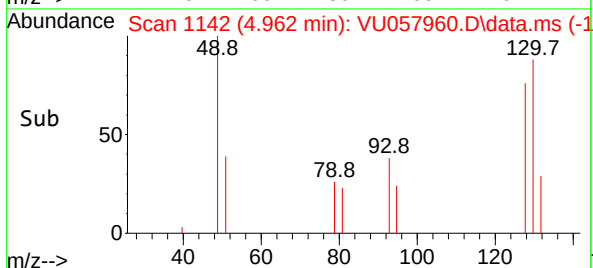
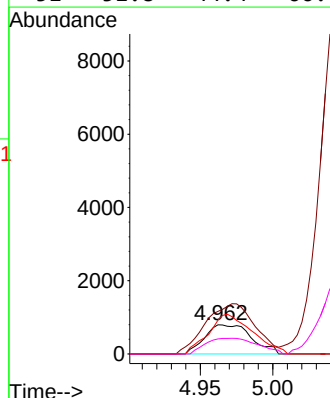
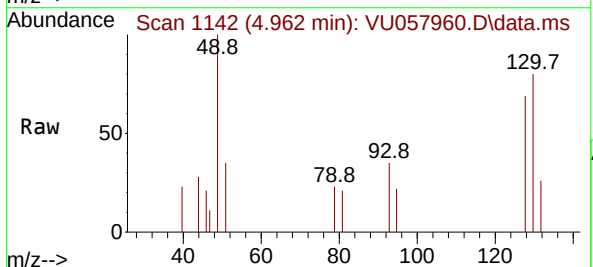
02/29/2024
Supervised By :Semsettin
Yesilyurt

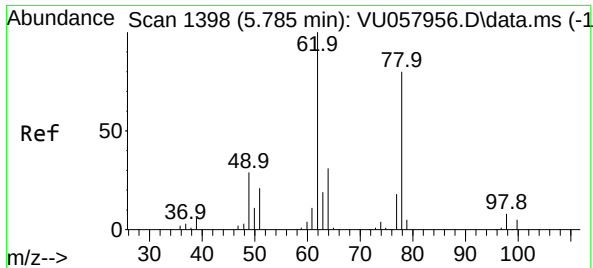
02/29/2024



#23
Bromochloromethane
Concen: 1.639 ug/L m
RT: 4.962 min Scan# 1142
Delta R.T. -0.003 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Tgt Ion:128 Resp: 1775
Ion Ratio Lower Upper
128 100
49 146.0 124.0 230.4
130 116.1 87.8 163.0
51 51.8 44.4 66.6





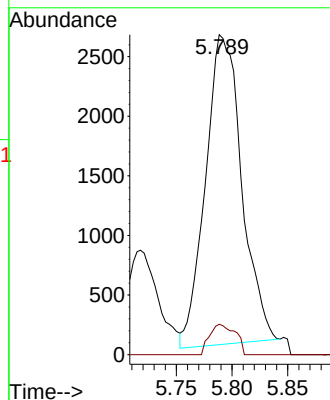
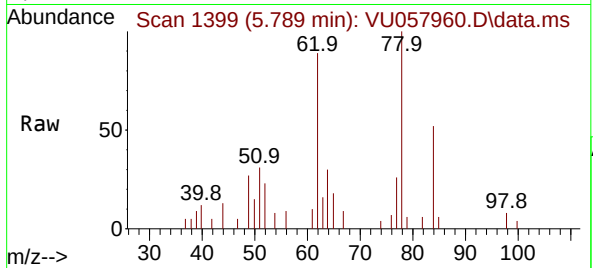
#27
1,2-Dichloroethane
Concen: 1.775 ug/L
RT: 5.789 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 62 Resp: 587
Ion Ratio Lower Upper
62 100
98 9.5 7.1 10.7

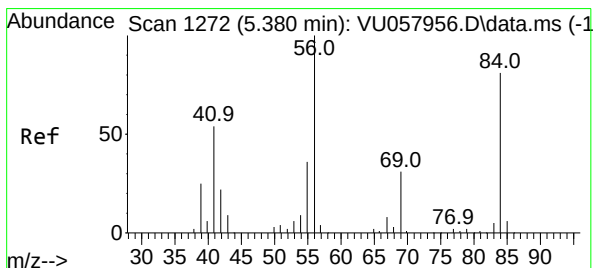
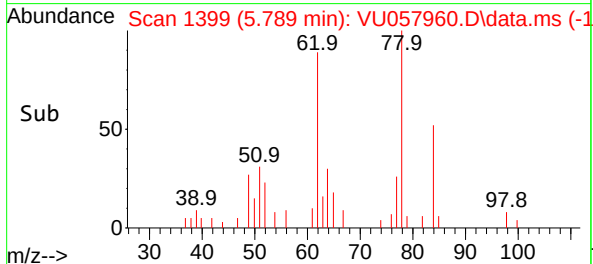
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



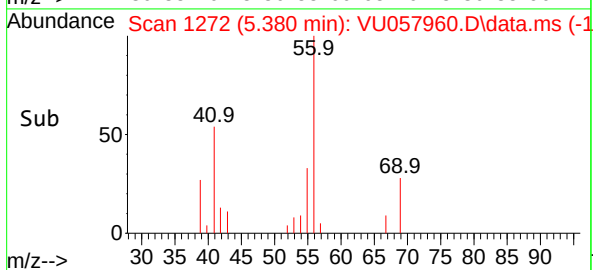
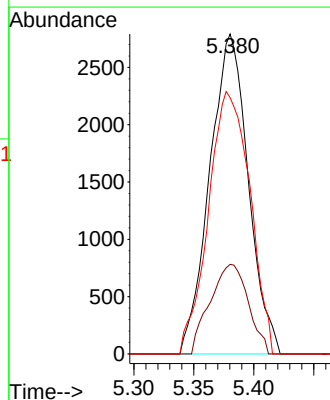
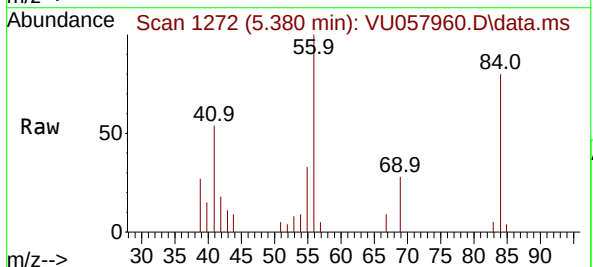
02/29/2024
Supervised By :Semsettin
Yesilyurt

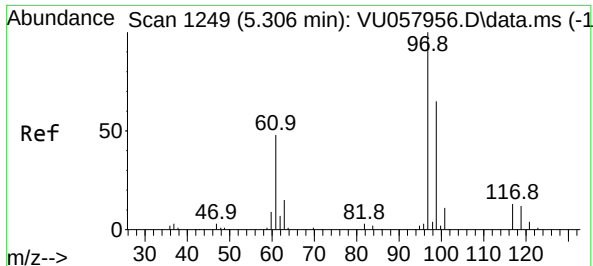
02/29/2024



#29
Cyclohexane
Concen: 1.696 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Tgt Ion: 56 Resp: 6229
Ion Ratio Lower Upper
56 100
69 27.8 24.6 36.8
84 88.3 66.9 100.3





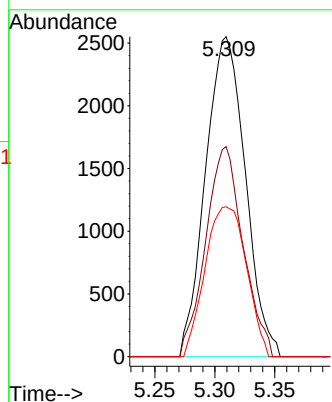
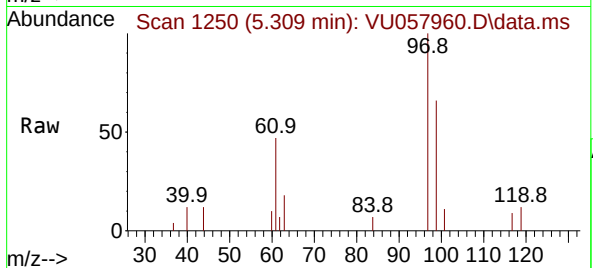
#30
1,1,1-Trichloroethane
Concen: 1.751 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 97	Resp: 588
Ion Ratio	Lower Upper
97 100	
99 61.6	51.6 77.4
61 48.7	36.8 55.2

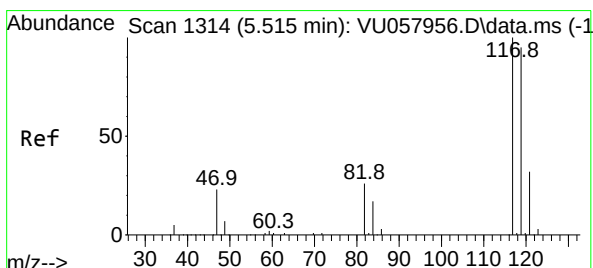
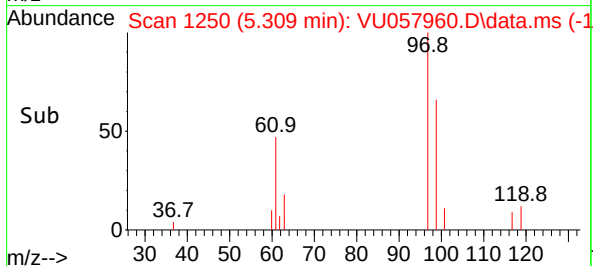
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



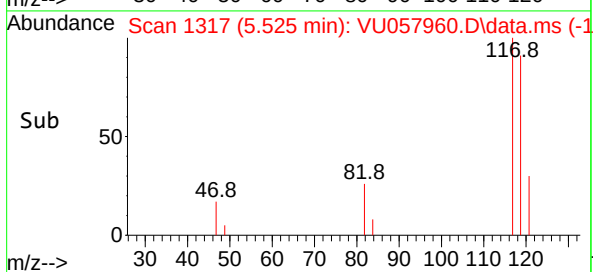
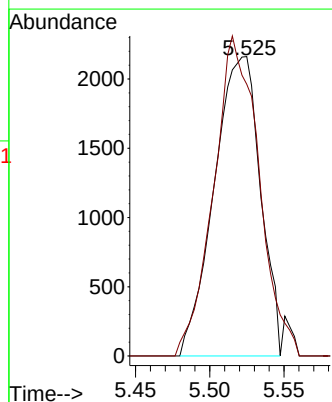
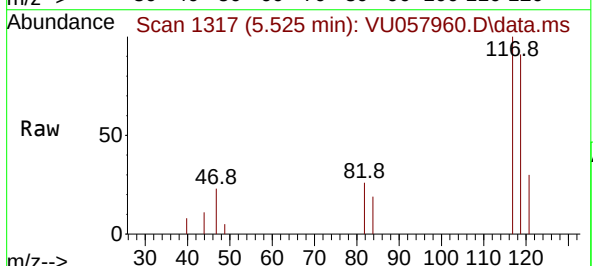
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Supervised By :Semsettin
Yesilyurt

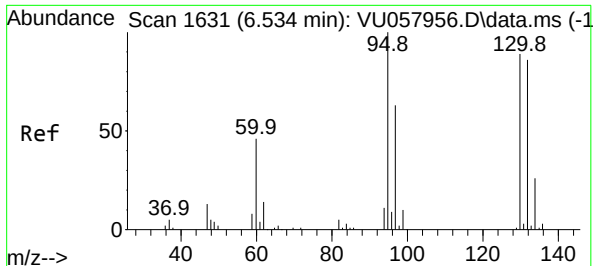
02/29/2024



#31
Carbon tetrachloride
Concen: 1.622 ug/L
RT: 5.525 min Scan# 1317
Delta R.T. 0.010 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Tgt Ion: 117	Resp: 4684
Ion Ratio	Lower Upper
117 100	
119 104.5	75.9 113.9





#34

Trichloroethene

Concen: 1.819 ug/L

RT: 6.538 min Scan# 1631

Delta R.T. 0.003 min

Lab File: VU057960.D

Acq: 28 Feb 2024 13:51

Instrument :

MSVOA_U

ClientSampleId :

MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 95 Resp: 4070

Ion Ratio Lower Upper

95 100

97 77.1 44.2 82.2

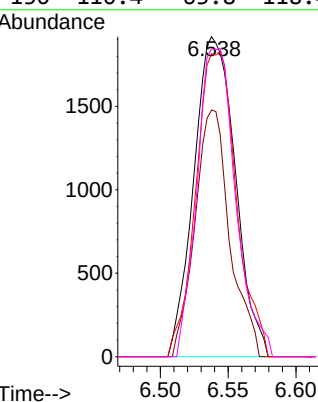
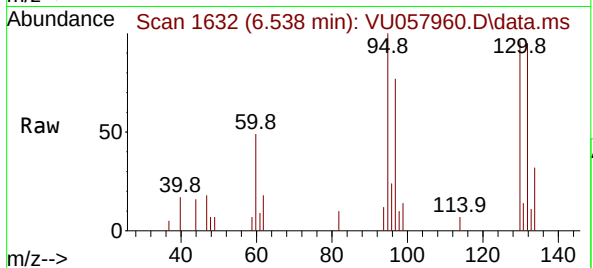
132 94.6 61.4 114.0

130 110.4 63.8 118.4

Manual Integrations

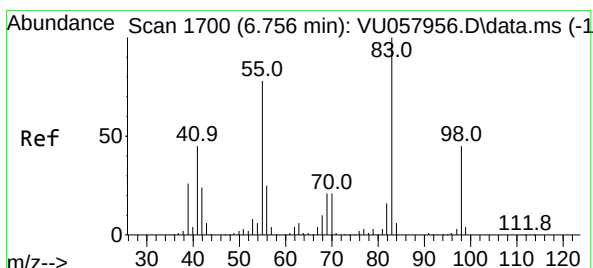
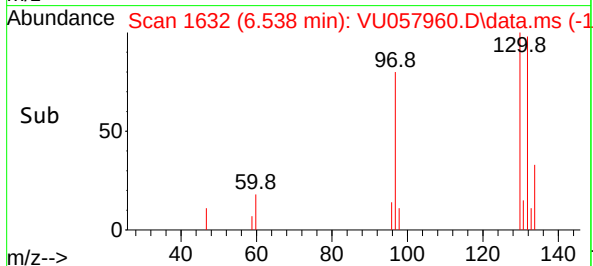
APPROVED

Reviewed By :Mahesh
Dadoda



02/29/2024
Supervised By :Semsettin
Yesilyurt

02/29/2024



#35

Methylcyclohexane

Concen: 1.792 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU057960.D

Acq: 28 Feb 2024 13:51

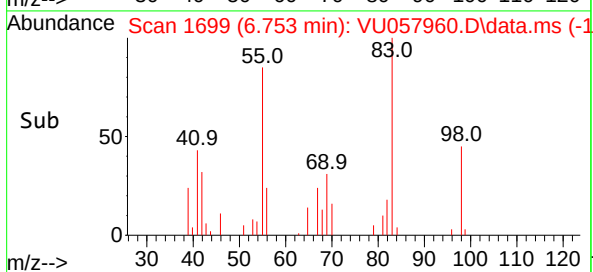
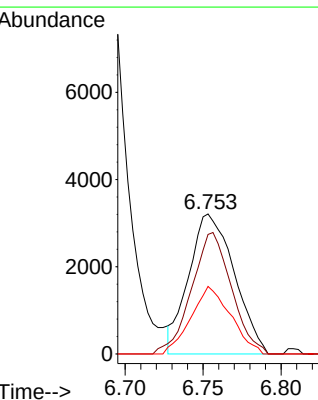
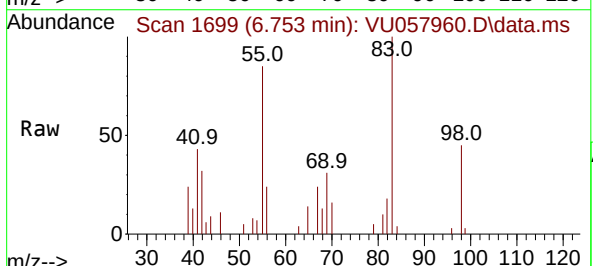
Tgt Ion: 83 Resp: 6515

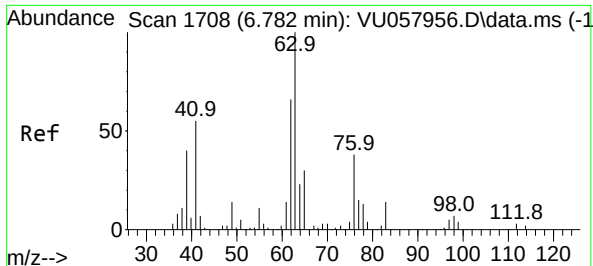
Ion Ratio Lower Upper

83 100

55 76.0 62.7 94.1

98 42.1 36.3 54.5





#37

1,2-Dichloropropane

Concen: 1.822 ug/L

RT: 6.782 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU057960.D

Acq: 28 Feb 2024 13:51

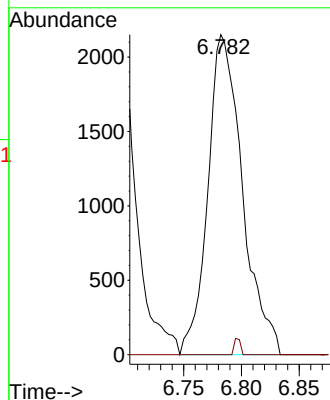
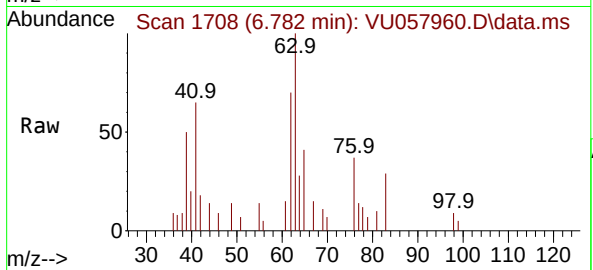
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 63 Resp: 4474

Ion	Ratio	Lower	Upper
63	100		
112	0.9	2.9	4.3

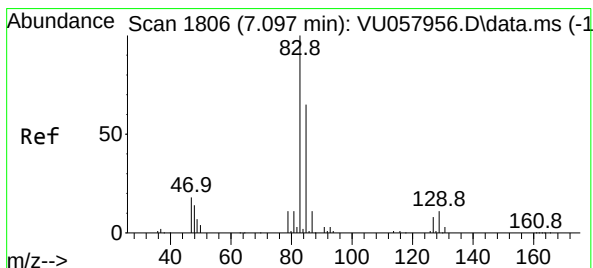
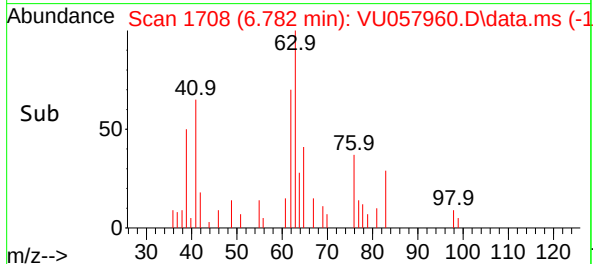
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



02/29/2024
Supervised By :Semsettin
Yesilyurt

02/29/2024



#38

Bromodichloromethane

Concen: 1.822 ug/L

RT: 7.100 min Scan# 1807

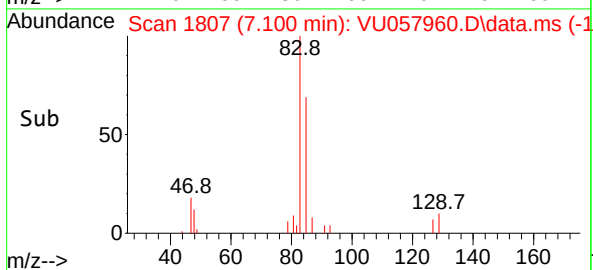
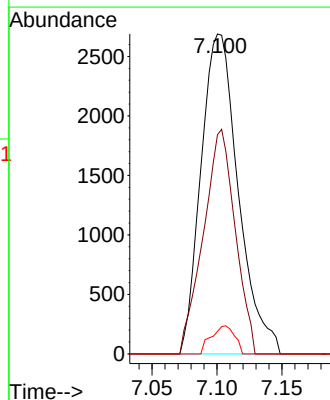
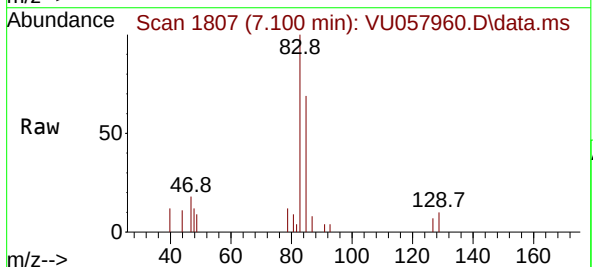
Delta R.T. 0.003 min

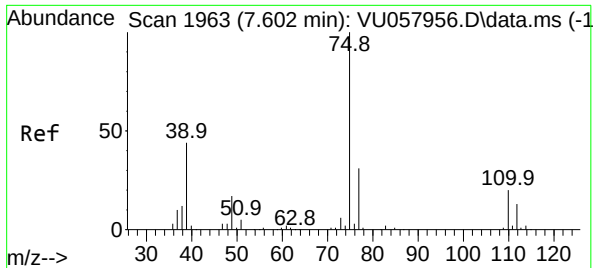
Lab File: VU057960.D

Acq: 28 Feb 2024 13:51

Tgt Ion: 83 Resp: 5374

Ion	Ratio	Lower	Upper
83	100		
85	68.5	45.4	84.4
127	7.0	7.5	11.3





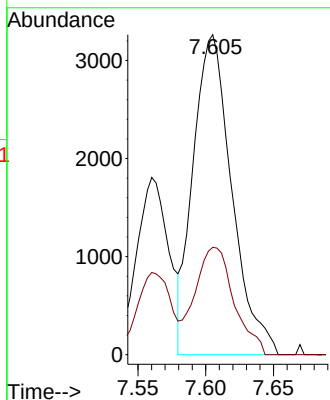
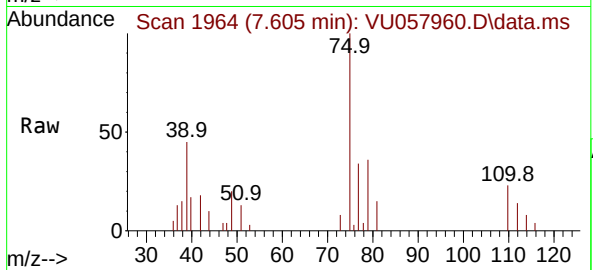
#39
cis-1,3-Dichloropropene
Concen: 1.724 ug/L
RT: 7.605 min Scan# 1963
Delta R.T. 0.003 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 75 Resp: 6472
Ion Ratio Lower Upper
75 100
77 32.5 22.0 41.0

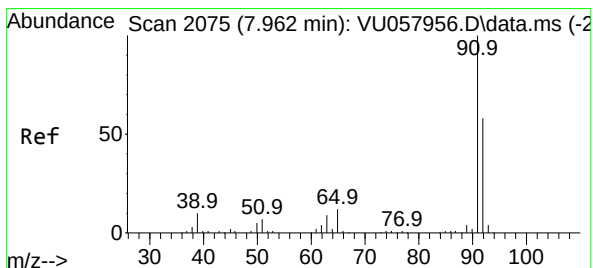
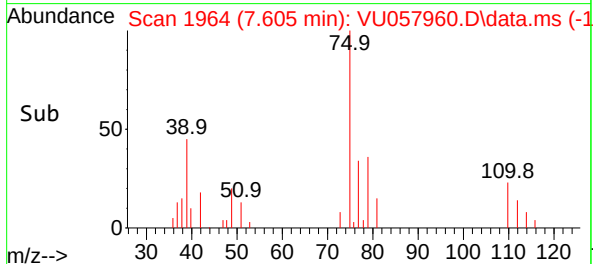
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



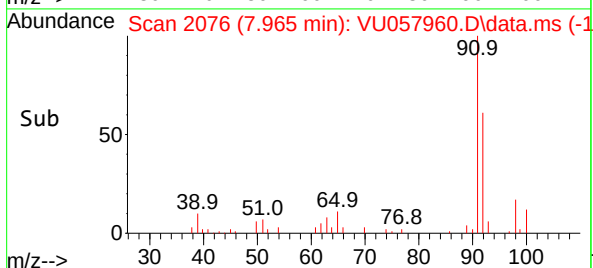
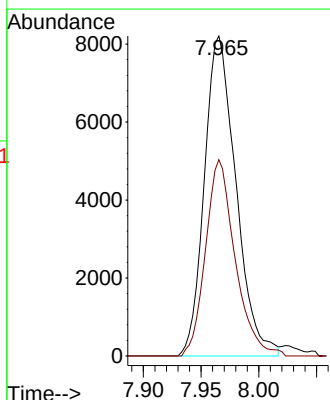
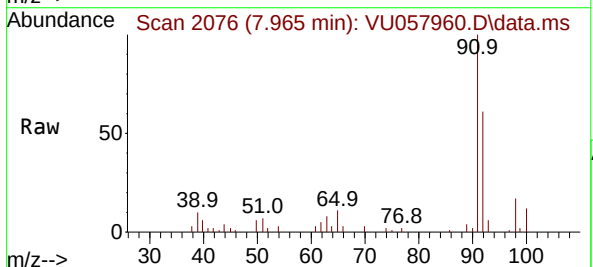
02/29/2024
Supervised By :Semsettin
Yesilyurt

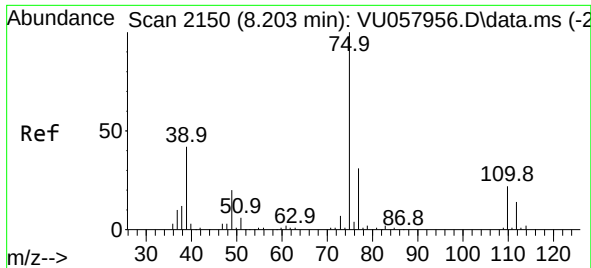
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#42
Toluene
Concen: 1.733 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Tgt Ion: 91 Resp: 15614
Ion Ratio Lower Upper
91 100
92 61.4 40.3 74.9





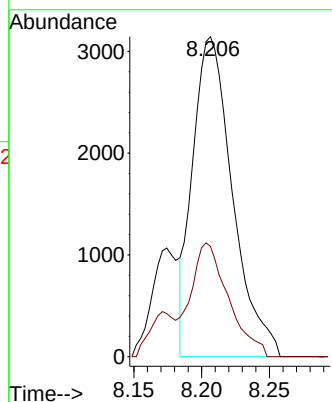
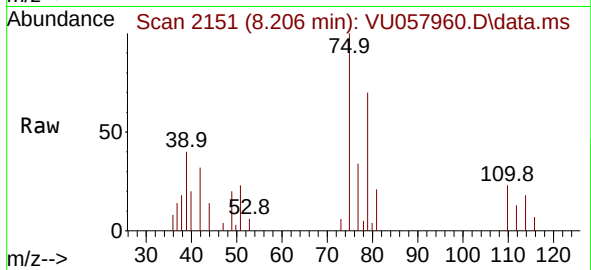
#44
trans-1,3-Dichloropropene
Concen: 1.845 ug/L
RT: 8.206 min Scan# 2150
Delta R.T. 0.003 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 75 Resp: 642
Ion Ratio Lower Upper
75 100
77 34.4 21.8 40.4

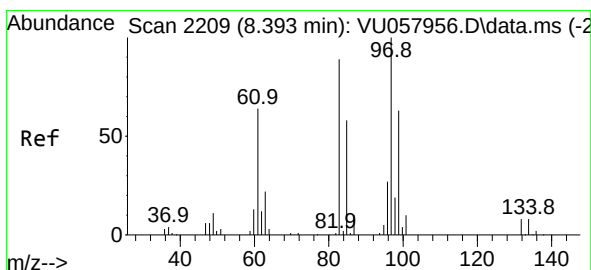
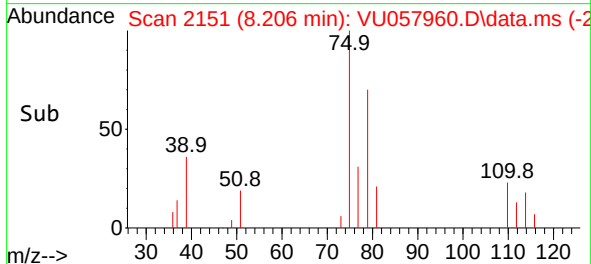
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



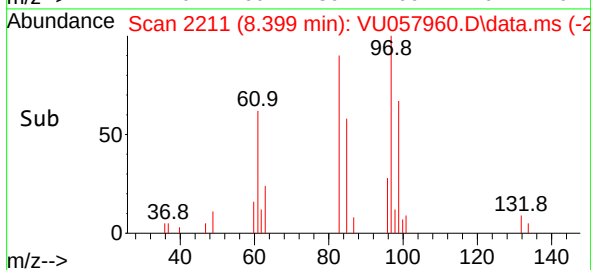
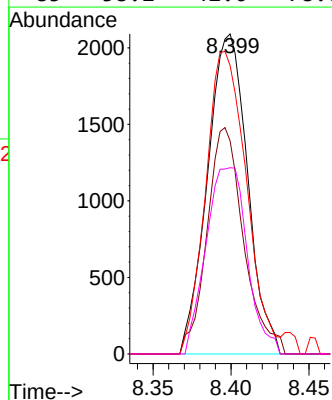
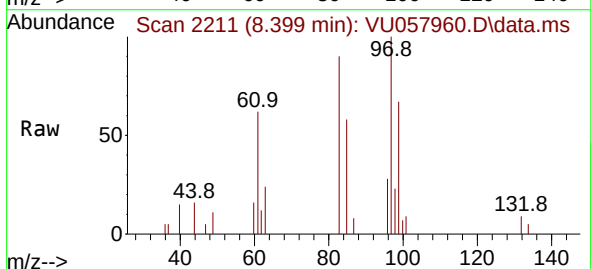
02/29/2024
Supervised By :Semsettin
Yesilyurt

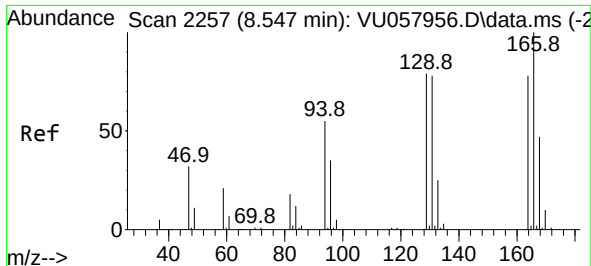
02/29/2024



#45
1,1,2-Trichloroethane
Concen: 1.707 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. 0.007 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

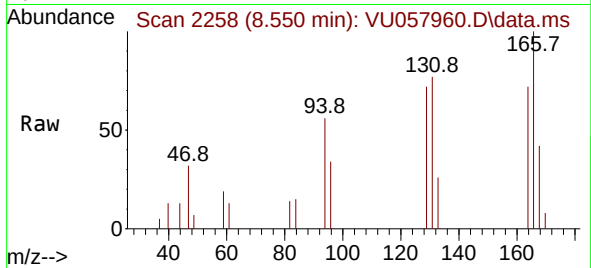
Tgt Ion: 97 Resp: 3725
Ion Ratio Lower Upper
97 100
99 66.6 43.0 80.0
83 90.1 65.0 120.6
85 58.2 42.0 78.0





#46
Tetrachloroethene
Concen: 1.689 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

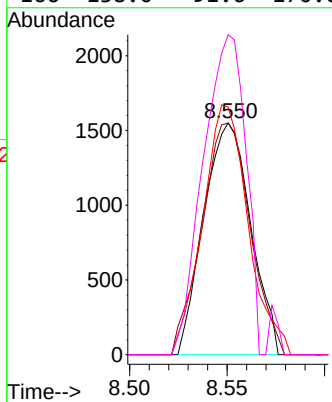
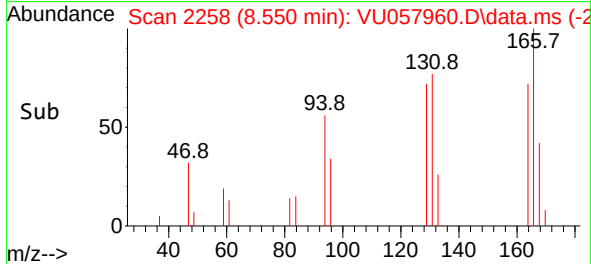
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



Tgt Ion:164 Resp: 260
Ion Ratio Lower Upper
164 100
129 99.9 74.1 137.7
131 106.8 72.0 133.6
166 138.0 91.6 170.0

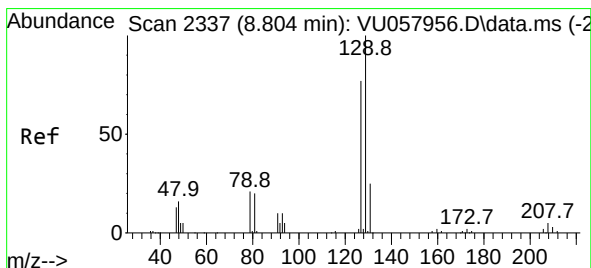
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



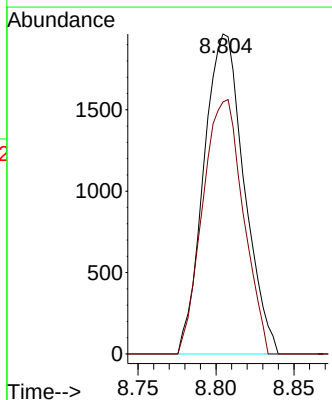
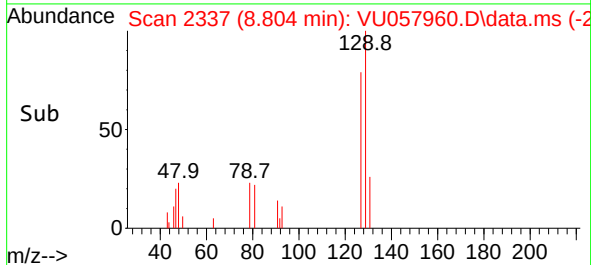
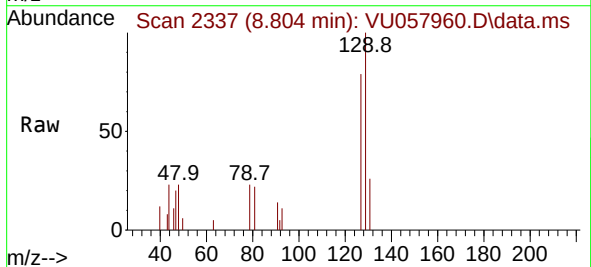
02/29/2024
Supervised By :Semsettin
Yesilyurt

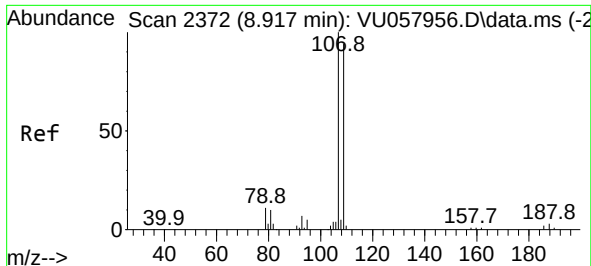
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#49
Dibromochloromethane
Concen: 1.628 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

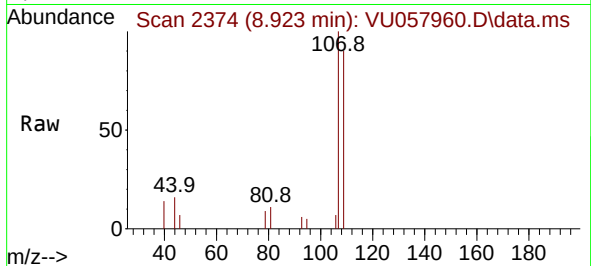
Tgt Ion:129 Resp: 3538
Ion Ratio Lower Upper
129 100
127 78.7 53.3 99.1





#50
1,2-Dibromoethane
Concen: 1.821 ug/L
RT: 8.923 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

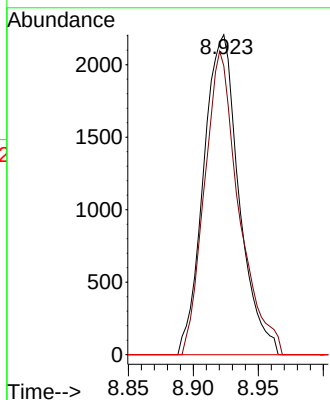
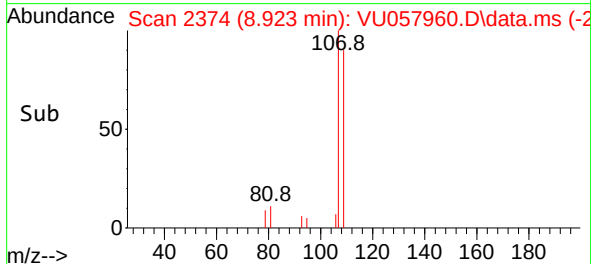
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



Tgt Ion:107 Resp: 418
Ion Ratio Lower Upper
107 100
109 90.3 66.1 122.8
188 0.0 2.6 3.8

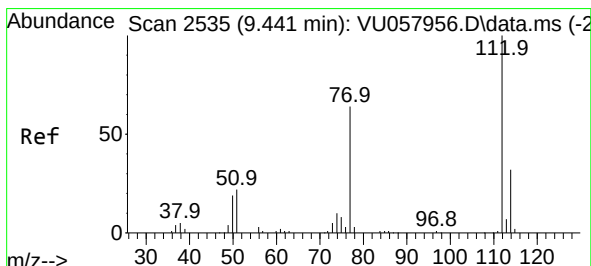
Manual Integrations
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Reviewed By :Mahesh
Dadoda



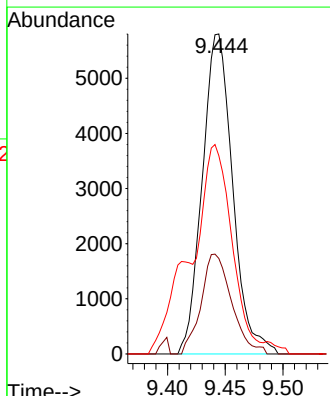
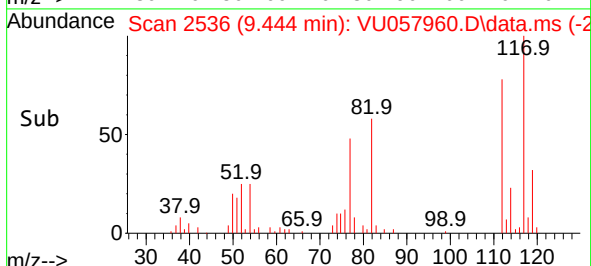
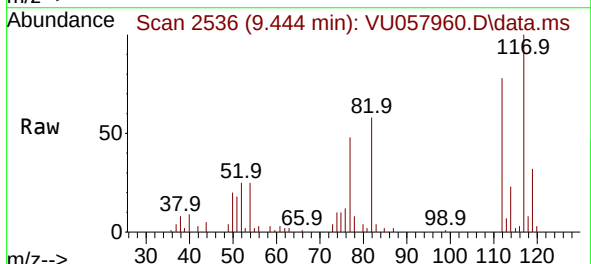
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Supervised By :Semsettin
Yesilyurt

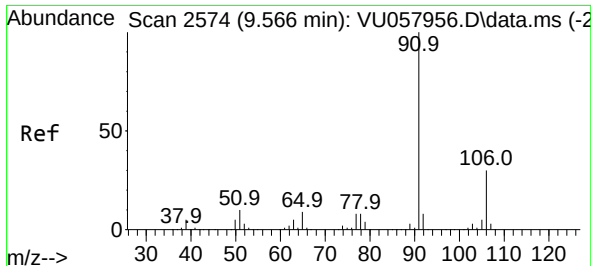
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#51
Chlorobenzene
Concen: 1.854 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Tgt Ion:112 Resp: 10621
Ion Ratio Lower Upper
112 100
114 29.8 22.7 42.1
77 62.0 51.8 77.8





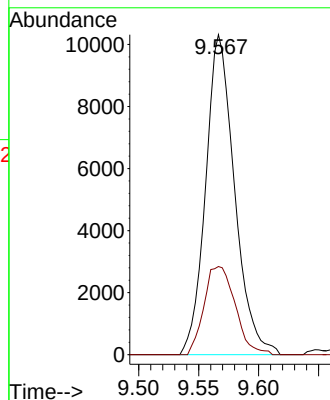
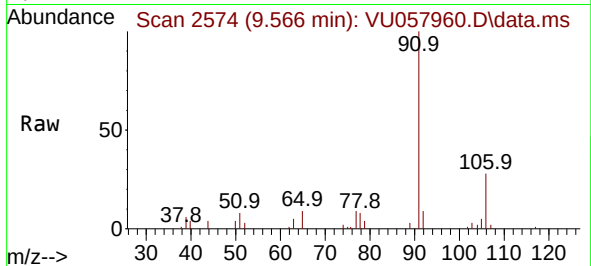
#52
Ethylbenzene
Concen: 1.714 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 91 Resp: 1731
Ion Ratio Lower Upper
91 100
106 27.6 21.1 39.1

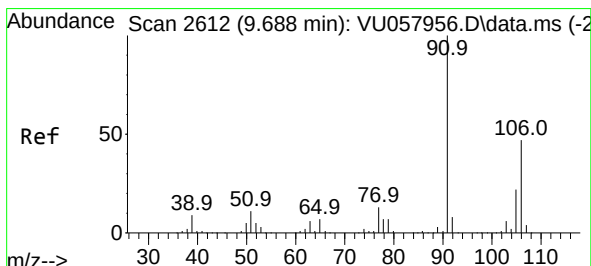
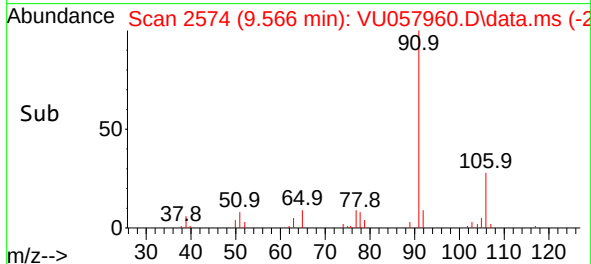
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



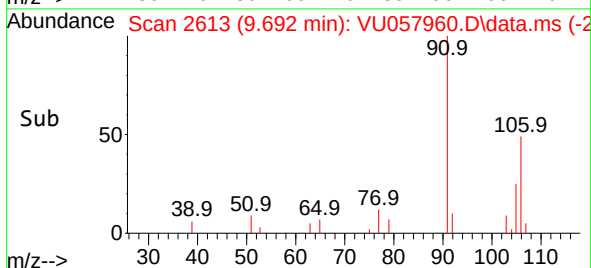
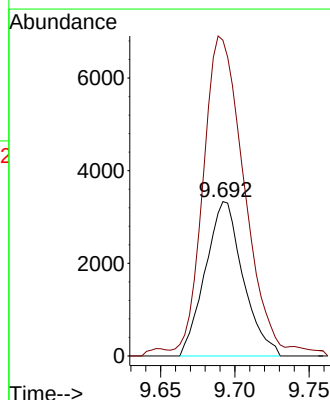
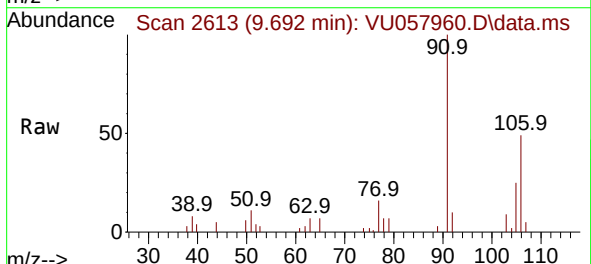
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Supervised By :Semsettin
Yesilyurt

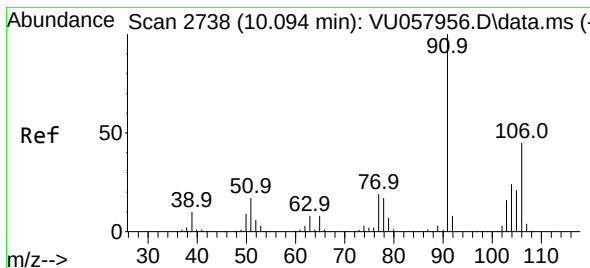
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#53
m,p-Xylene
Concen: 1.602 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Tgt Ion:106 Resp: 5885
Ion Ratio Lower Upper
106 100
91 184.4 150.2 279.0





#54

o-Xylene

Concen: 1.493 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057960.D

Acq: 28 Feb 2024 13:51

Instrument :

MSVOA_U

ClientSampleId :

MDL-MED-SOIL-QT1-2024-02

Tgt Ion:106 Resp: 541

Ion Ratio Lower Upper

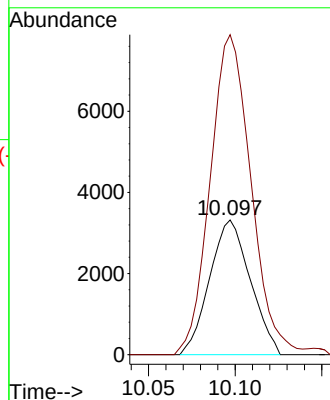
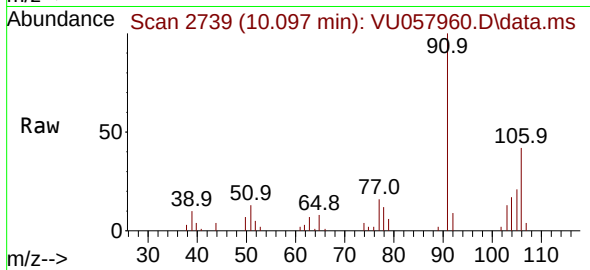
106 100

91 218.7 161.3 299.5

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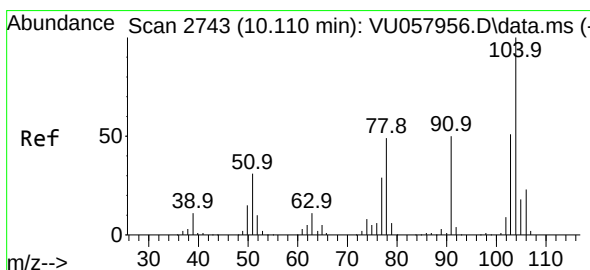
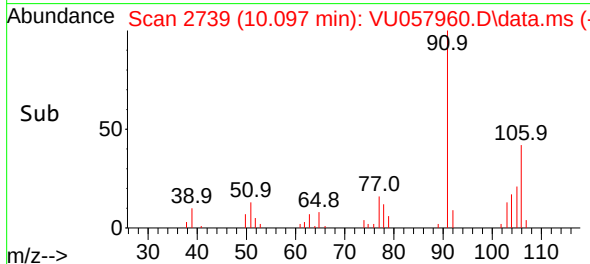
Reviewed By :Mahesh
Dadoda



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Supervised By :Semsettin
Yesilyurt

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#55

Styrene

Concen: 1.509 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU057960.D

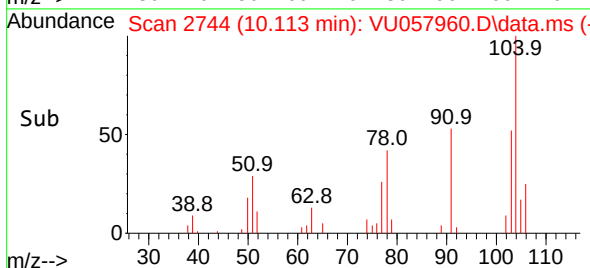
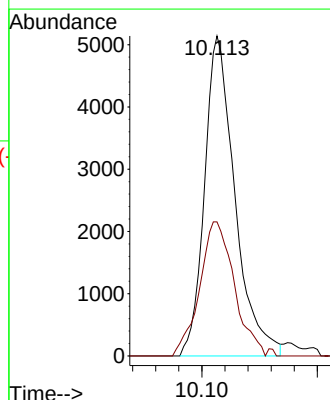
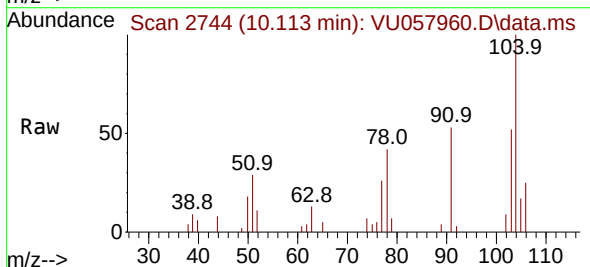
Acq: 28 Feb 2024 13:51

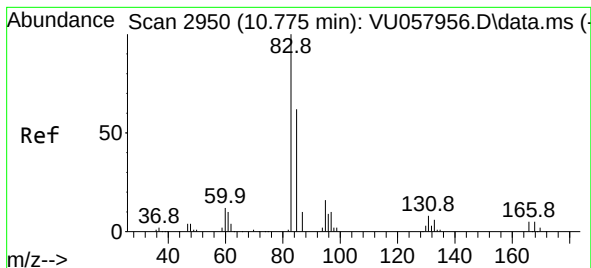
Tgt Ion:104 Resp: 9394

Ion Ratio Lower Upper

104 100

78 41.9 35.6 66.2





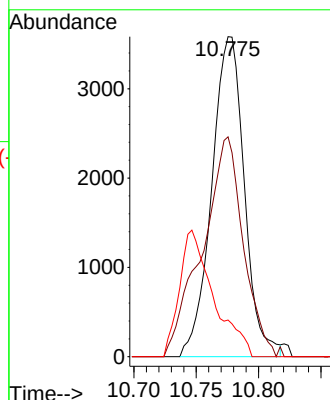
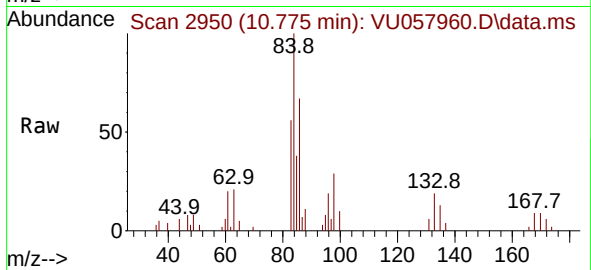
#57
1,1,2,2-Tetrachloroethane
Concen: 1.758 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 83 Resp: 6534
Ion Ratio Lower Upper
83 100
85 68.7 45.2 84.0
131 11.5 7.8 11.6

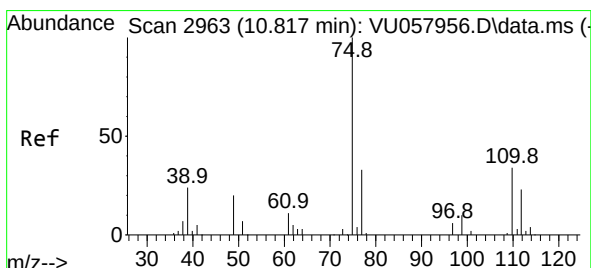
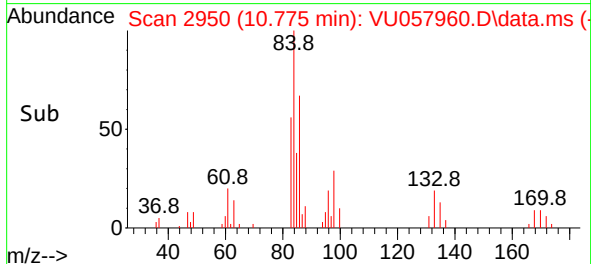
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Reviewed By :Mahesh
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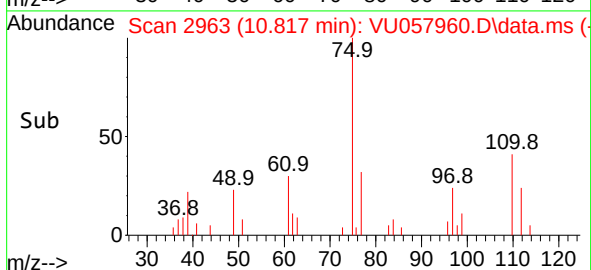
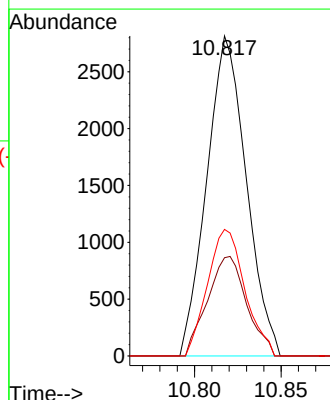
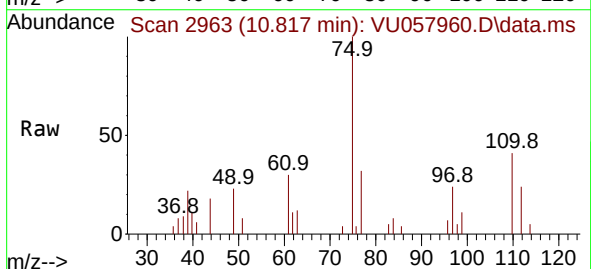
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Supervised By :Semsettin
Yesilyurt

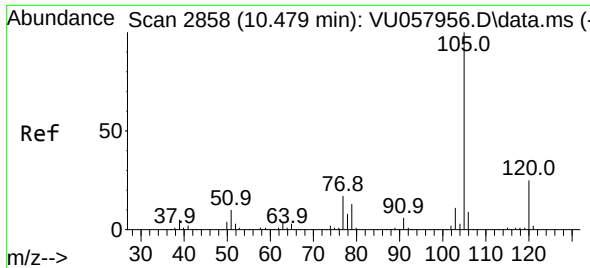
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#60
1,2,3-Trichloropropane
Concen: 1.629 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Tgt Ion: 75 Resp: 4460
Ion Ratio Lower Upper
75 100
77 31.0 25.9 38.9
110 37.5 28.3 42.5





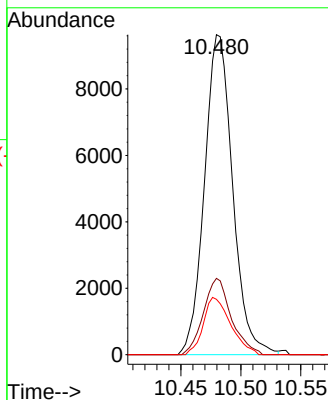
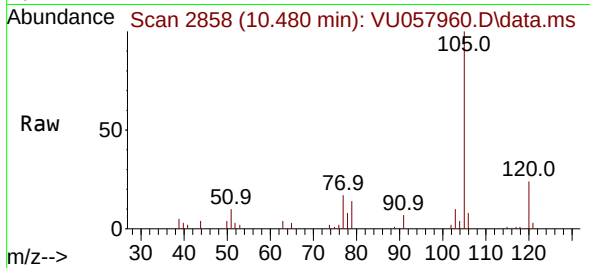
#61
Isopropylbenzene
Concen: 1.705 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Tgt Ion:105 Resp: 1574
Ion Ratio Lower Upper
105 100
120 23.6 20.5 30.7
77 17.4 13.5 20.3

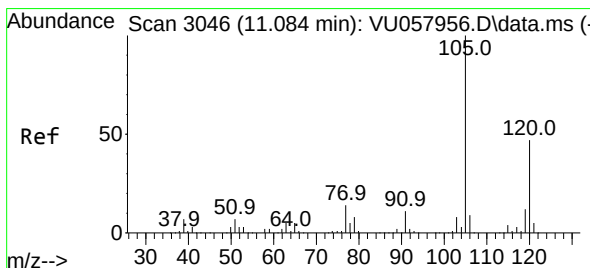
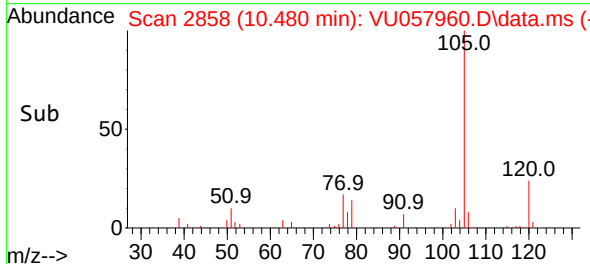
Manual Integrations
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Reviewed By :Mahesh
Dadoda



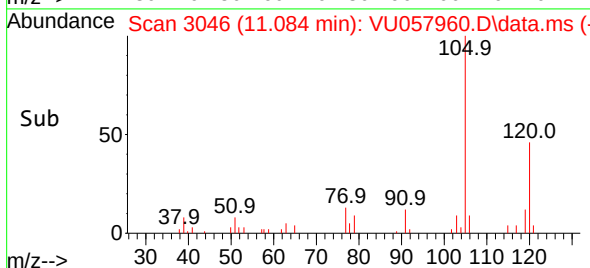
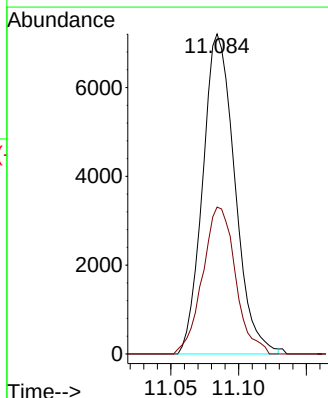
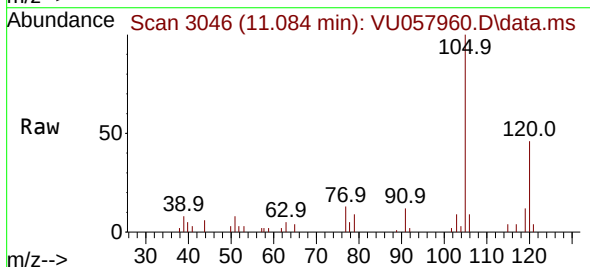
02/29/2024
Supervised By :Semsettin
Yesilyurt

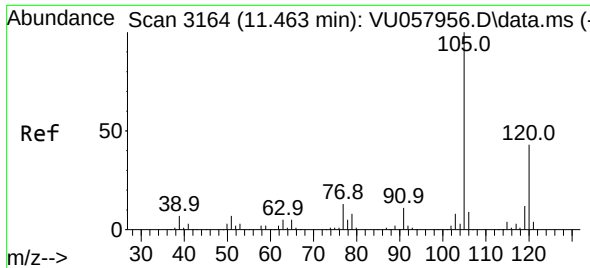
02/29/2024



#62
1,3,5-Trimethylbenzene
Concen: 1.490 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Tgt Ion:105 Resp: 11855
Ion Ratio Lower Upper
105 100
120 46.9 37.0 55.6





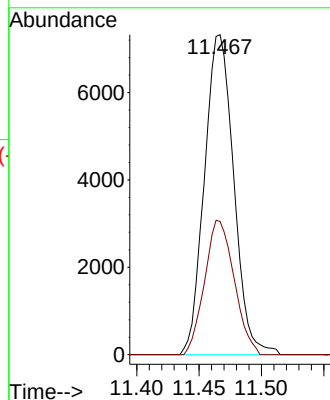
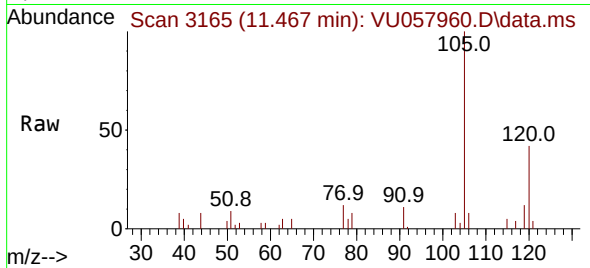
#63
1,2,4-Trimethylbenzene
Concen: 1.503 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT1-2024-02

Tgt Ion:105 Resp: 12014
Ion Ratio Lower Upper
105 100
120 42.3 34.8 52.2

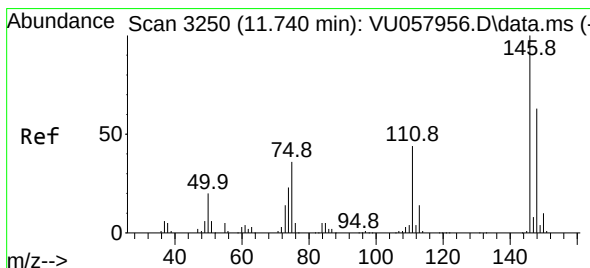
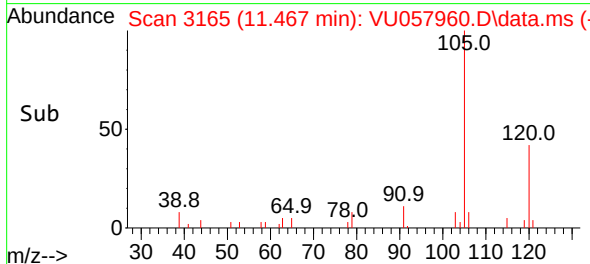
Manual Integrations
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Dadoda



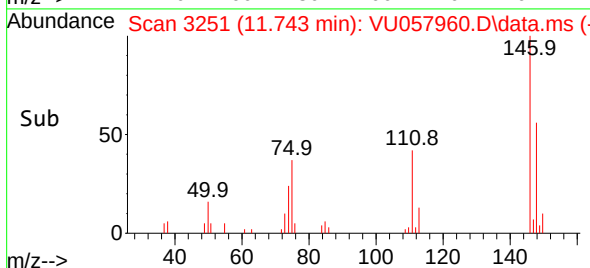
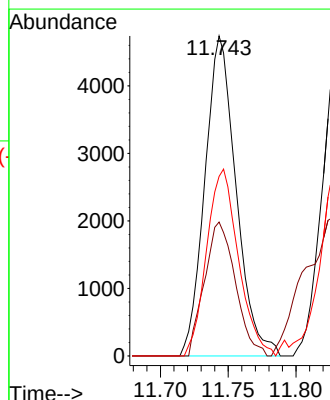
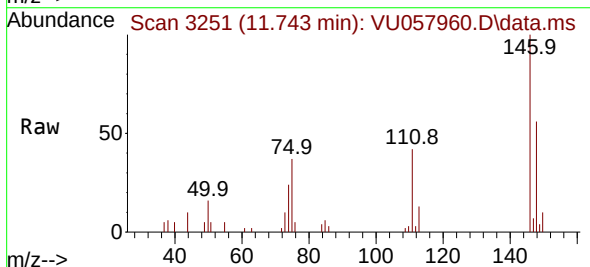
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Supervised By :Semsettin
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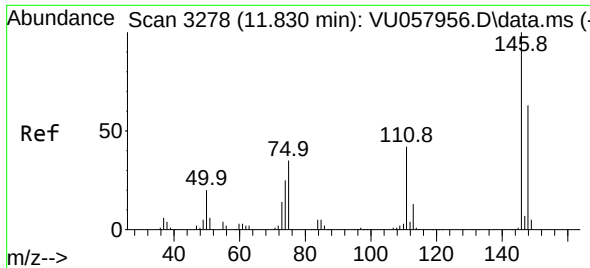
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#64
1,3-Dichlorobenzene
Concen: 1.861 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

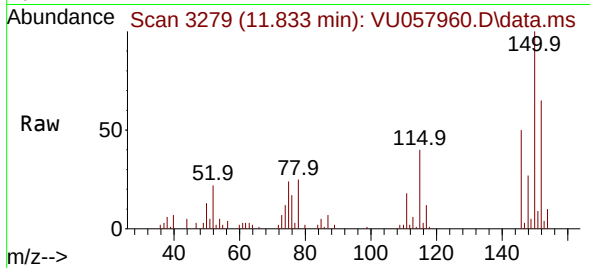
Tgt Ion:146 Resp: 7597
Ion Ratio Lower Upper
146 100
111 45.0 31.6 58.6
148 60.1 45.1 83.9





#65
1,4-Dichlorobenzene
Concen: 2.005 ug/L
RT: 11.833 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

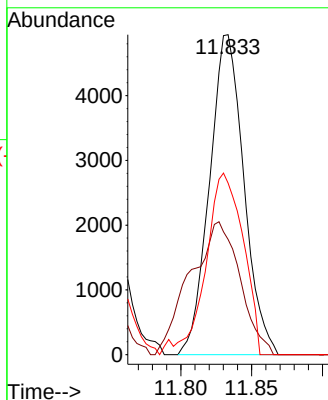
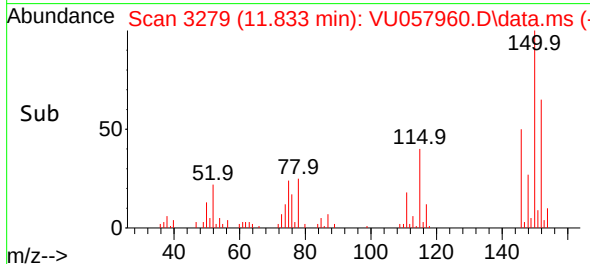
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



Tgt Ion:146 Resp: 8338
Ion Ratio Lower Upper
146 100
111 37.6 29.9 55.5
148 60.6 44.7 82.9

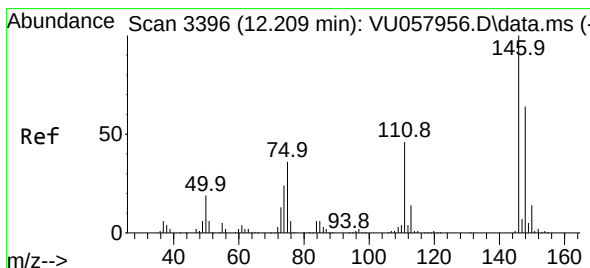
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Reviewed By :Mahesh
Dadoda

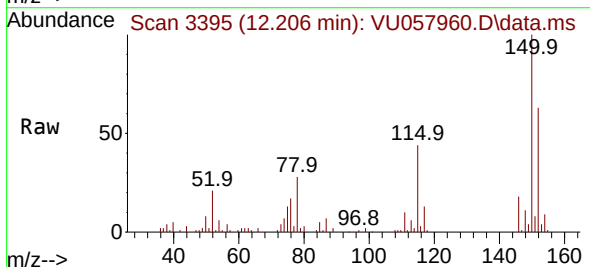


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Supervised By :Semsettin
Yesilyurt

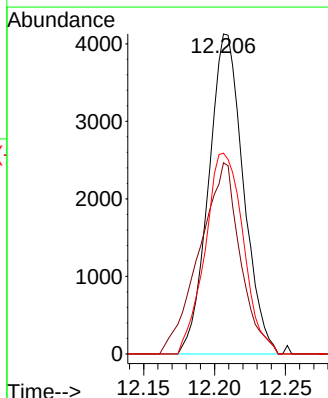
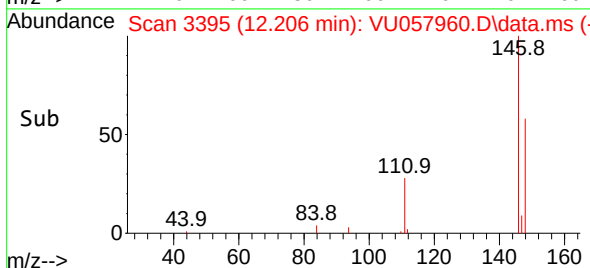
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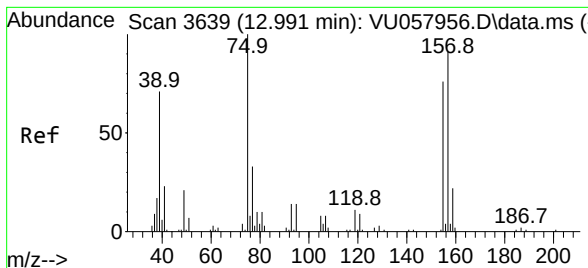


#67
1,2-Dichlorobenzene
Concen: 1.750 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.003 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51



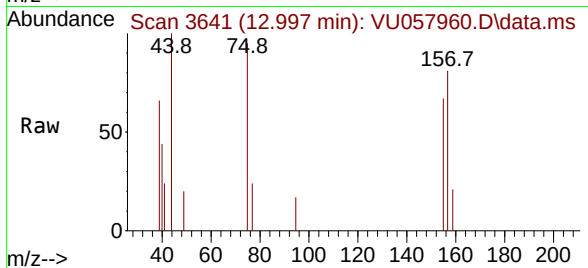
Tgt Ion:146 Resp: 7029
Ion Ratio Lower Upper
146 100
111 55.7 37.3 55.9
148 58.5 51.3 76.9





#68
1,2-Dibromo-3-chloropropane
Concen: 1.452 ug/L m
RT: 12.997 min Scan# 30
Delta R.T. 0.007 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

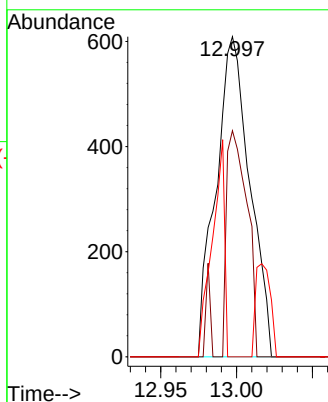
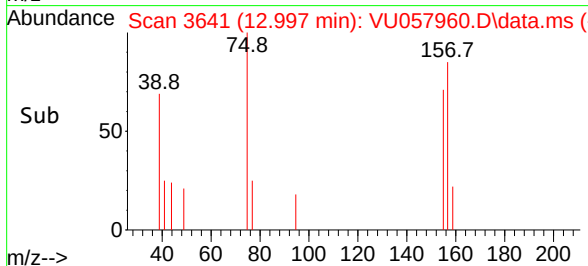
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



Tgt Ion: 75 Resp: 944
Ion Ratio Lower Upper
75 100
155 43000.0 63.2 944
157 0.0 74.6 112.0

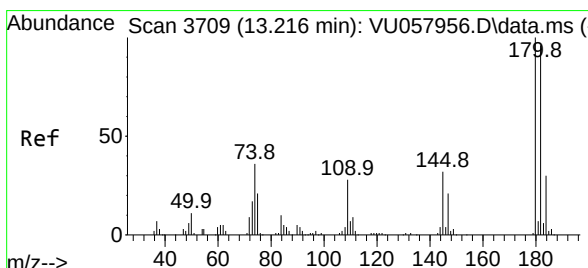
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Dadoda

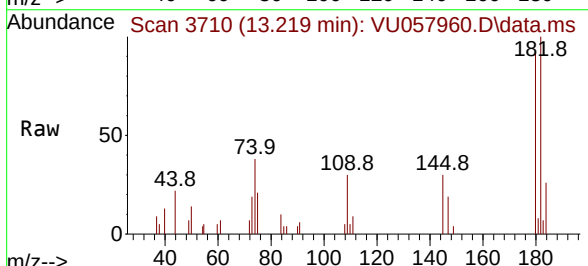


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Supervised By :Semsettin
Yesilyurt

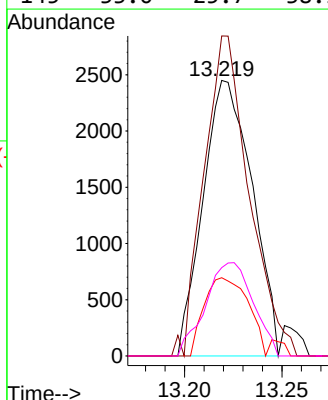
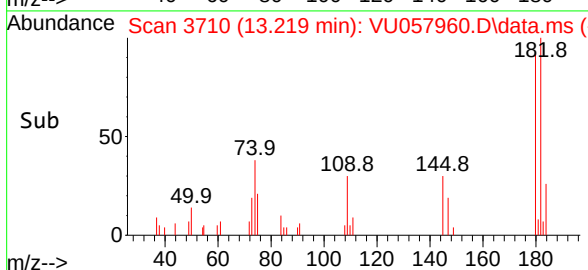
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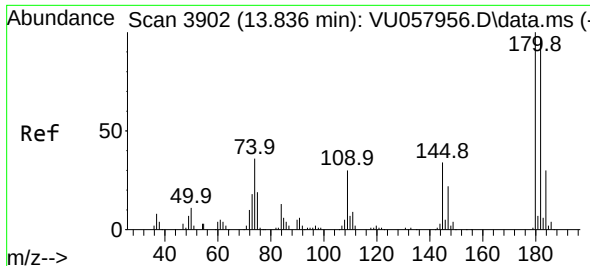


#69
1,3,5-Trichlorobenzene
Concen: 1.562 ug/L
RT: 13.219 min Scan# 3710
Delta R.T. 0.003 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51



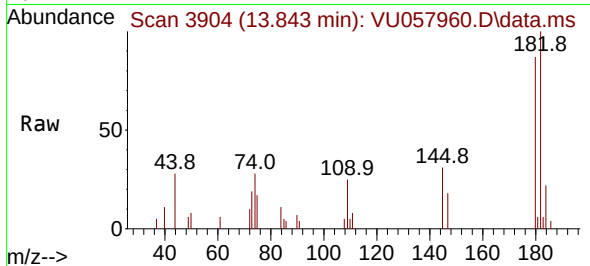
Tgt Ion:180 Resp: 4290
Ion Ratio Lower Upper
180 100
182 106.1 77.6 116.4
184 25.5 24.1 36.1
145 33.0 25.7 38.5





#70
1,2,4-trichlorobenzene
Concen: 1.733 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.007 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

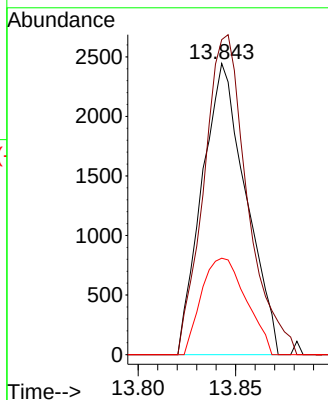
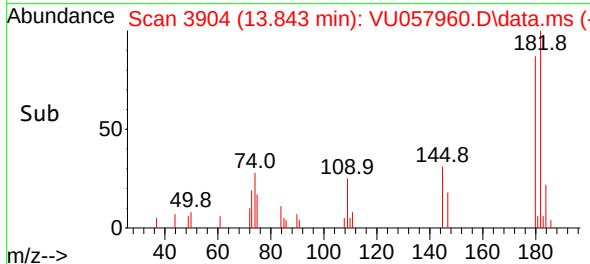
Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT1-2024-02



Tgt Ion:180 Resp: 3832
Ion Ratio Lower Upper
180 100
182 108.4 75.8 113.6
145 33.6 25.9 38.9

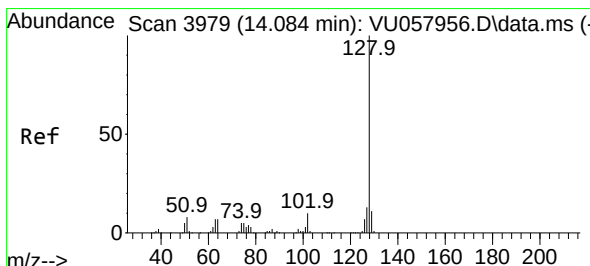
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Dadoda



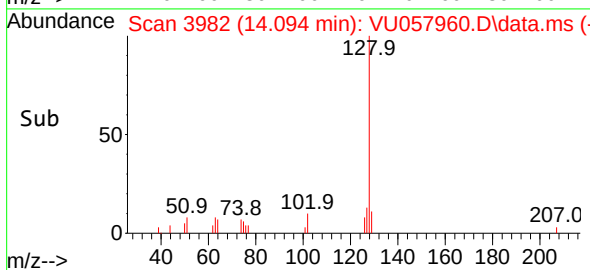
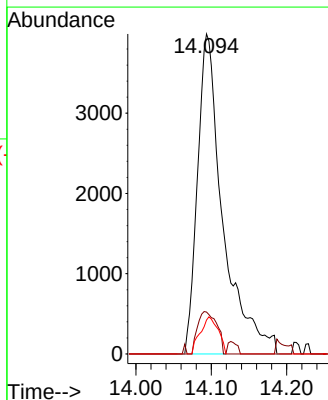
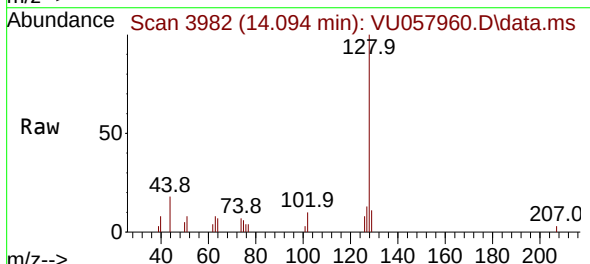
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Supervised By :Semsettin
Yesilyurt

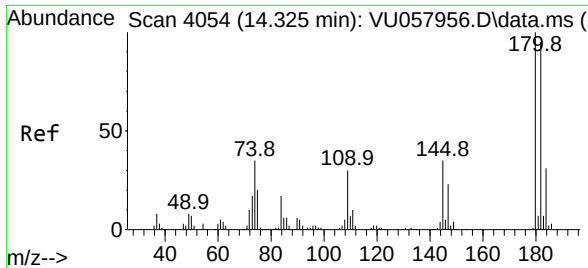
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#71
Naphthalene
Concen: 1.591 ug/L m
RT: 14.094 min Scan# 3982
Delta R.T. 0.010 min
Lab File: VU057960.D
Acq: 28 Feb 2024 13:51

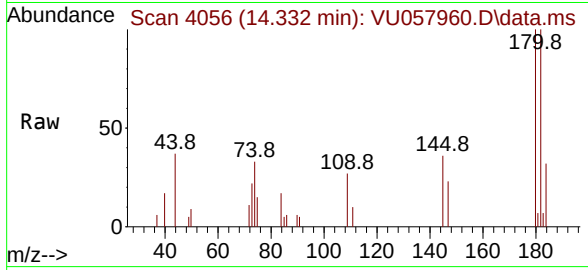
Tgt Ion:128 Resp: 9340
Ion Ratio Lower Upper
128 100
127 10.0 10.2 15.4#
129 8.1 8.6 12.8#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.712 ug/L
 RT: 14.332 min Scan# 4056
 Delta R.T. 0.007 min
 Lab File: VU057960.D
 Acq: 28 Feb 2024 13:51

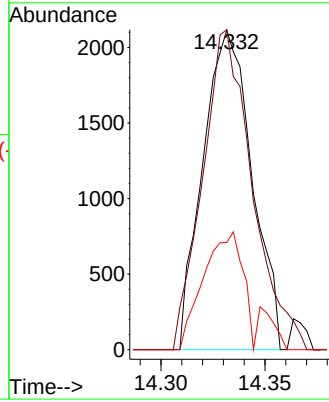
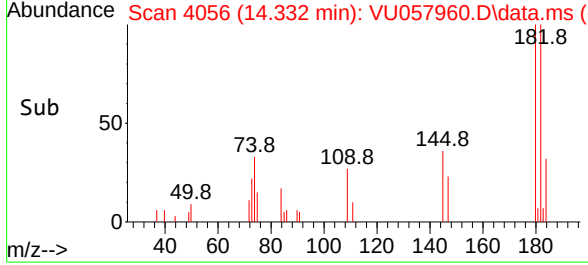
Instrument : MSVOA_U
 ClientSampleId : MDL-MED-SOIL-QT1-2024-02



Tgt Ion:	180	Resp:	3470
Ion Ratio	Lower	Upper	
180	100		
182	101.2	75.4	113.2
145	29.5	27.8	41.8

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Reviewed By :Mahesh
 Dadoda



02/29/2024
 Supervised By :Semsettin
 Yesilyurt

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