

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112824\
 Data File : VU062064.D
 Acq On : 27 Nov 2024 20:18
 Operator : MD/SY
 Sample : P4776-05
 Misc : 5.00g/5mL/100ul/5mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-MED-SOIL-QT4-2024-07

Quant Time: Nov 28 01:35:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 01:06:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/02/2024
 Supervised By :Semsettin Yesilyurt 12/02/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	171654	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	159373	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73548	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	54510	45.833	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.660%		
7) Chloroethane-d5	1.907	69	41633	48.571	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.140%		
11) 1,1-Dichloroethene-d2	2.560	63	80830	35.845	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.700%		
21) 2-Butanone-d5	4.618	46	84682	104.779	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.780%		
24) Chloroform-d	5.052	84	114469	46.115	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.220%		
26) 1,2-Dichloroethane-d4	5.692	65	77275	48.797	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.600%		
32) Benzene-d6	5.717	84	223489	49.039	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.080%		
36) 1,2-Dichloropropane-d6	6.679	67	70510	49.232	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.460%		
41) Toluene-d8	7.888	98	203669	48.274	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.540%		
43) trans-1,3-Dichloroprop...	8.171	79	34038	47.555	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.120%		
47) 2-Hexanone-d5	8.627	63	55305	102.511	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.510%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	102825	49.335	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.680%		
66) 1,2-Dichlorobenzene-d4	12.183	152	74561	51.532	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	3830	2.337	ug/L	99
3) Chloromethane	1.518	50	3416	2.529	ug/L	99
5) Vinyl chloride	1.602	62	3407	2.446	ug/L #	56
6) Bromomethane	1.853	94	1944	2.541	ug/L	97
8) Chloroethane	1.927	64	1852m	2.308	ug/L	
9) Trichlorofluoromethane	2.136	101	4739	2.225	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	3475	2.910	ug/L #	35
12) 1,1-Dichloroethene	2.573	96	3064	2.821	ug/L #	1
13) Acetone	2.634	43	3886	4.015	ug/L	86
14) Carbon disulfide	2.788	76	8180	2.504	ug/L	99
15) Methyl Acetate	2.959	43	2872m	2.406	ug/L	
16) Methylene chloride	3.039	84	3162	2.554	ug/L	88
17) trans-1,2-Dichloroethene	3.354	96	2776	2.487	ug/L	95
18) Methyl tert-butyl Ether	3.361	73	8300	2.206	ug/L	98
19) 1,1-Dichloroethane	3.862	63	4694	2.194	ug/L	99
20) cis-1,2-Dichloroethene	4.660	96	3012	2.369	ug/L	95
22) 2-Butanone	4.727	43	5420m	5.192	ug/L	
23) Bromochloromethane	4.975	128	1541	2.330	ug/L	90
27) 1,2-Dichloroethane	5.791	62	4404	2.375	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112824\
 Data File : VU062064.D
 Acq On : 27 Nov 2024 20:18
 Operator : MD/SY
 Sample : P4776-05
 Misc : 5.00g/5mL/100ul/5mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-MED-SOIL-QT4-2024-07

Quant Time: Nov 28 01:35:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 01:06:41 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/02/2024
 Supervised By :Semsettin Yesilyurt 12/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.373	56	3580	1.966	ug/L	87
30) 1,1,1-Trichloroethane	5.306	97	4633	2.247	ug/L	97
31) Carbon tetrachloride	5.515	117	4061	2.204	ug/L	92
34) Trichloroethene	6.544	95	3082	2.380	ug/L	96
35) Methylcyclohexane	6.756	83	4542	2.314	ug/L	90
37) 1,2-Dichloropropane	6.778	63	3134m	2.497	ug/L	
38) Bromodichloromethane	7.097	83	3970	2.348	ug/L	93
39) cis-1,3-Dichloropropene	7.602	75	4499	2.220	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	7396	4.718	ug/L #	89
42) Toluene	7.965	91	11713	2.310	ug/L	96
44) trans-1,3-Dichloropropene	8.206	75	4920m	2.626	ug/L	
45) 1,1,2-Trichloroethane	8.393	97	2808	2.255	ug/L	97
46) Tetrachloroethene	8.550	164	2010	2.043	ug/L	92
48) 2-Hexanone	8.682	43	10343	7.827	ug/L #	59
49) Dibromochloromethane	8.804	129	2805	2.156	ug/L	92
50) 1,2-Dibromoethane	8.917	107	3245	2.399	ug/L #	94
51) Chlorobenzene	9.438	112	7743	2.418	ug/L	99
52) Ethylbenzene	9.563	91	12100	2.173	ug/L	96
53) m,p-Xylene	9.688	106	4531	2.200	ug/L	90
54) o-Xylene	10.093	106	4305	2.137	ug/L	92
55) Styrene	10.116	104	6623	1.954	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.769	83	5277	2.568	ug/L #	88
59) Bromoform	10.286	173	2083	2.247	ug/L #	76
60) 1,2,3-Trichloropropane	10.814	75	3878	2.580	ug/L	94
61) Isopropylbenzene	10.479	105	10915	2.204	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	8734	2.072	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	8631	2.126	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	5621	2.456	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	5766	2.483	ug/L	95
67) 1,2-Dichlorobenzene	12.203	146	5715	2.528	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.997	75	1161	2.741	ug/L	85
69) 1,3,5-Trichlorobenzene	13.219	180	3444	2.138	ug/L	93
70) 1,2,4-trichlorobenzene	13.839	180	2978m	2.165	ug/L	
71) Naphthalene	14.093	128	7891	2.117	ug/L #	80
72) 1,2,3-Trichlorobenzene	14.328	180	3050	2.297	ug/L	94

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

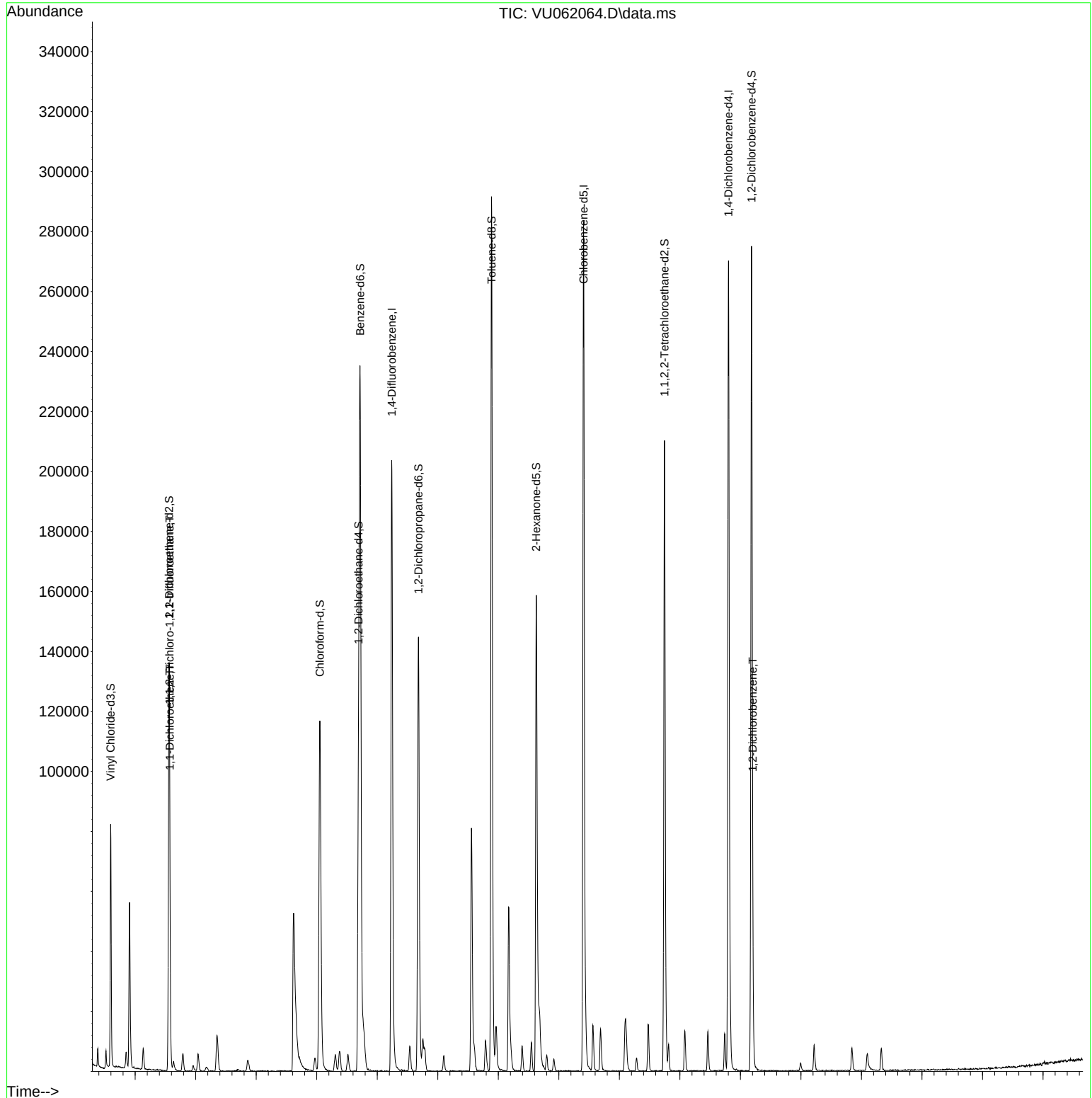
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112824\
Data File : VU062064.D
Acq On : 27 Nov 2024 20:18
Operator : MD/SY
Sample : P4776-05
Misc : 5.00g/5mL/100ul/5ml/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

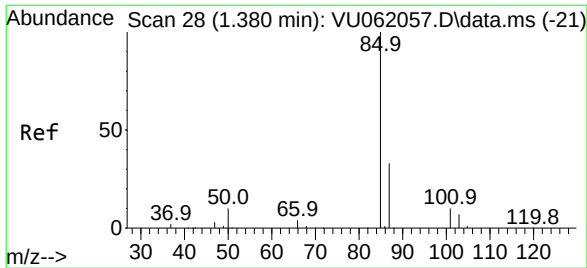
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Quant Time: Nov 28 01:35:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 28 01:06:41 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

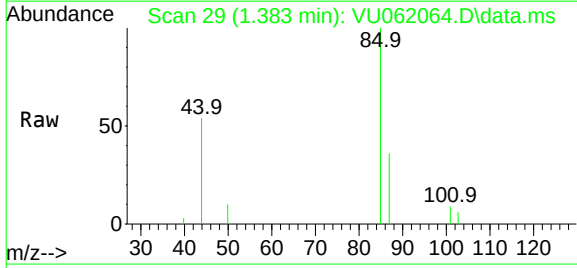
Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024





#2
Dichlorodifluoromethane
Concen: 2.337 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

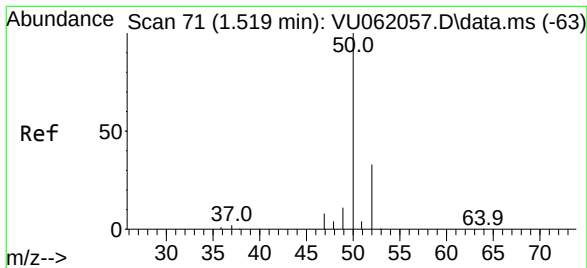
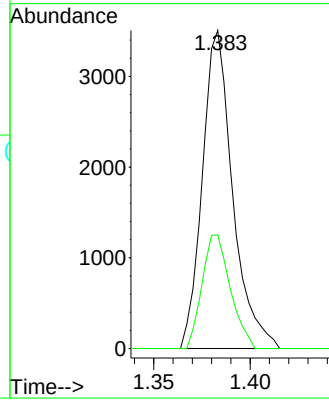
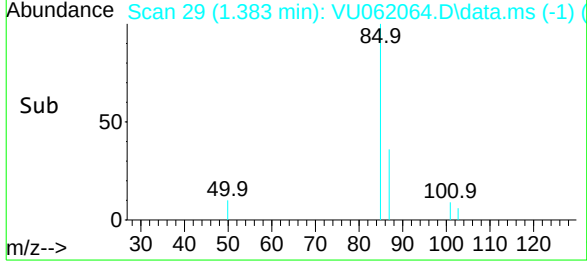
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



Tgt Ion: 85 Resp: 3830
Ion Ratio Lower Upper
85 100
87 33.2 26.0 39.0

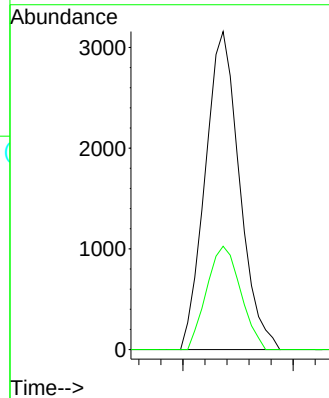
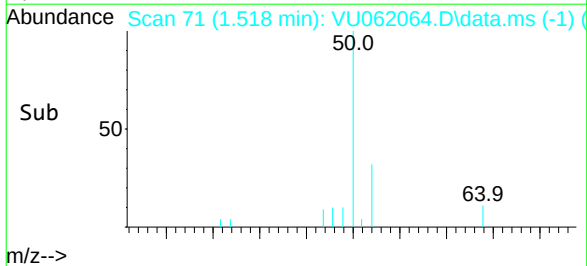
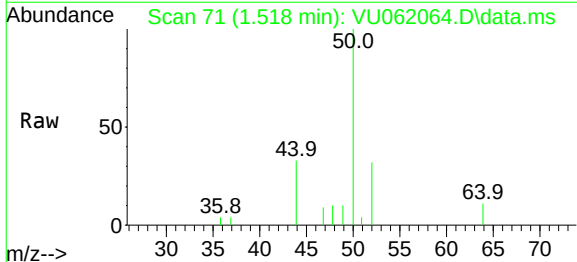
Manual Integrations
APPROVED

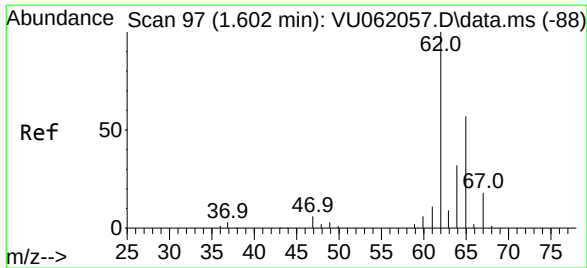
Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024



#3
Chloromethane
Concen: 2.529 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

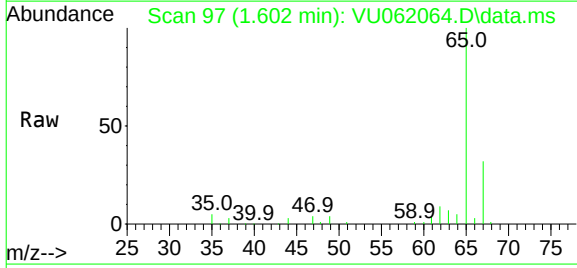
Tgt Ion: 50 Resp: 3416
Ion Ratio Lower Upper
50 100
52 32.5 23.3 43.3





#5
 Vinyl chloride
 Concen: 2.446 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. -0.000 min
 Lab File: VU062064.D
 Acq: 27 Nov 2024 20:18

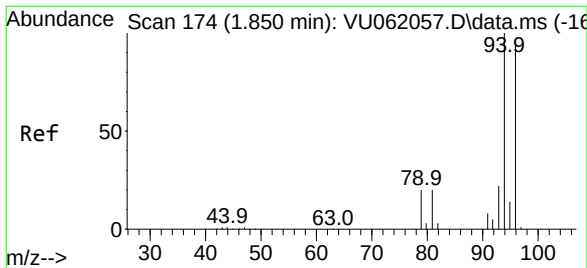
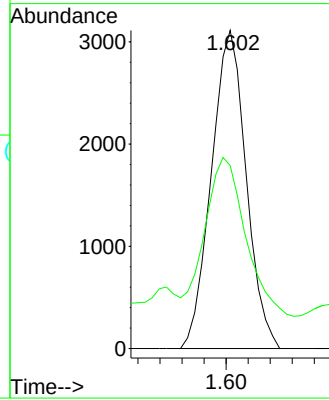
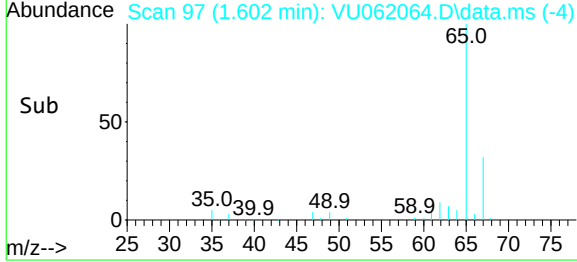
Instrument : MSVOA_U
 ClientSampleId : MDL-MED-SOIL-QT4-2024-07



Tgt Ion: 62 Resp: 3407
 Ion Ratio Lower Upper
 62 100
 64 57.5 23.0 42.8#

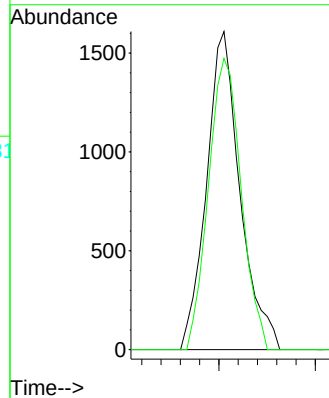
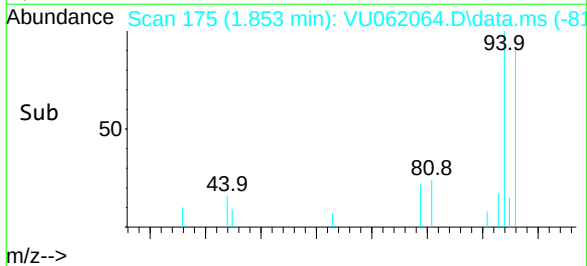
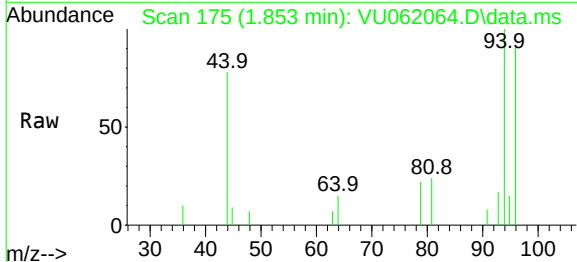
Manual Integrations
 APPROVED

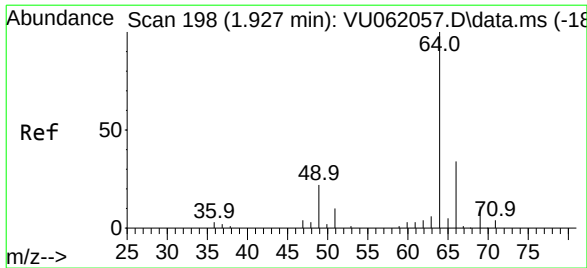
Reviewed By :Mahesh Dadoda 12/02/2024
 Supervised By :Semsettin Yesilyurt 12/02/2024



#6
 Bromomethane
 Concen: 2.541 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.003 min
 Lab File: VU062064.D
 Acq: 27 Nov 2024 20:18

Tgt Ion: 94 Resp: 1944
 Ion Ratio Lower Upper
 94 100
 96 91.5 66.0 122.6





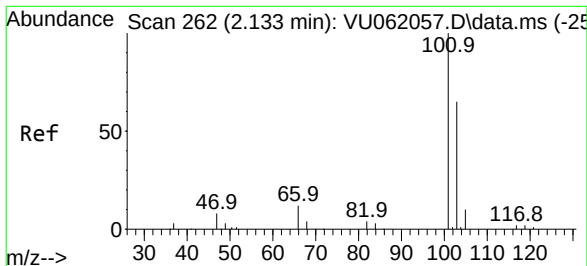
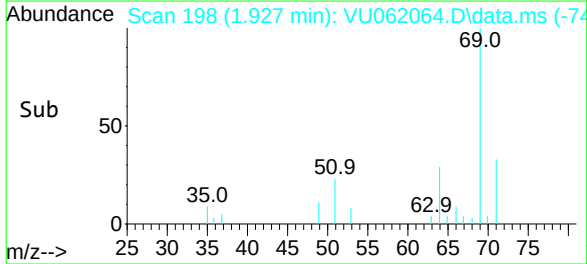
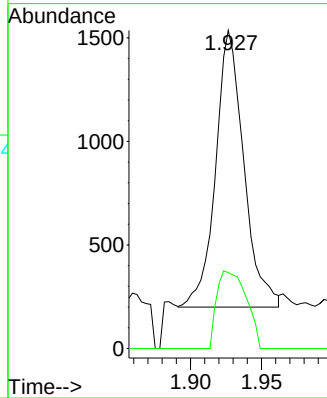
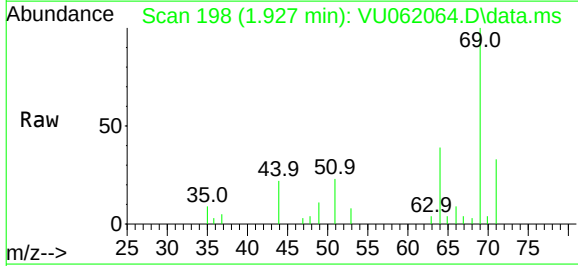
#8
Chloroethane
Concen: 2.308 ug/L m
RT: 1.927 min Scan# 19
Delta R.T. -0.000 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion: 64 Resp: 1852
Ion Ratio Lower Upper
64 100
66 23.9 23.7 44.1

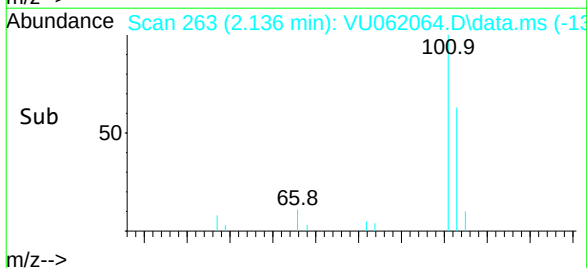
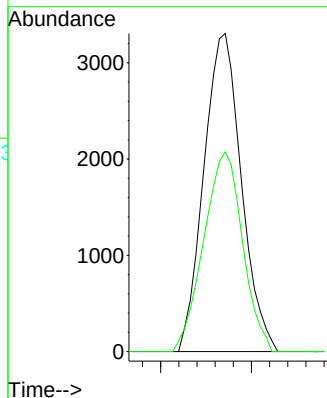
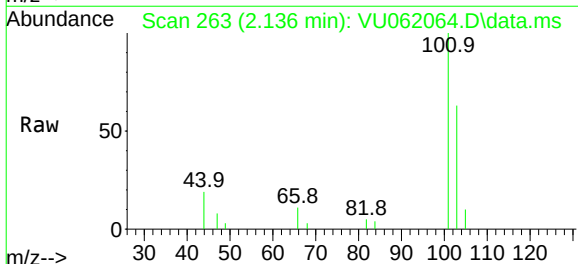
Manual Integrations
APPROVED

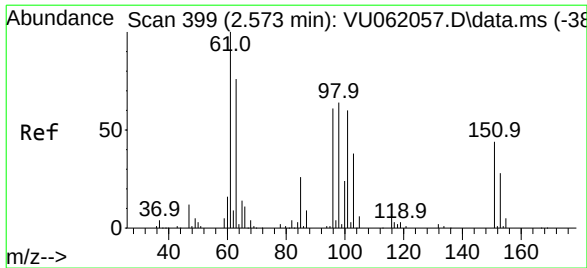
Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024



#9
Trichlorofluoromethane
Concen: 2.225 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Tgt Ion:101 Resp: 4739
Ion Ratio Lower Upper
101 100
103 64.9 52.9 79.3





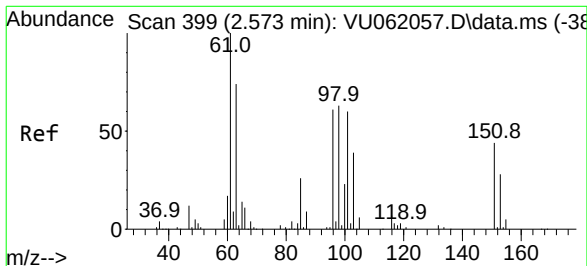
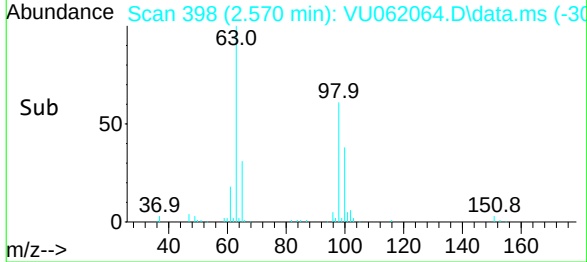
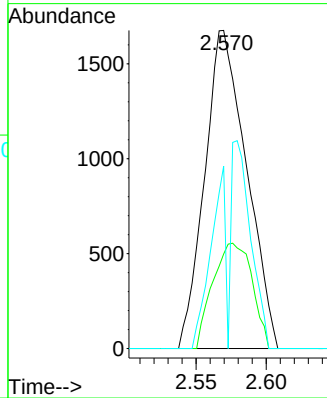
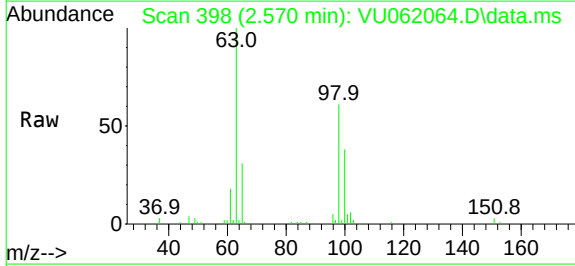
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.910 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.004 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT4-2024-07

Tgt Ion: 101 Resp: 3475
Ion Ratio Lower Upper
101 100
85 0.0 34.7 52.1#
151 20.1 59.0 88.4#

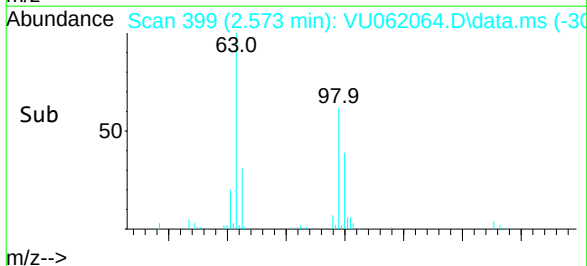
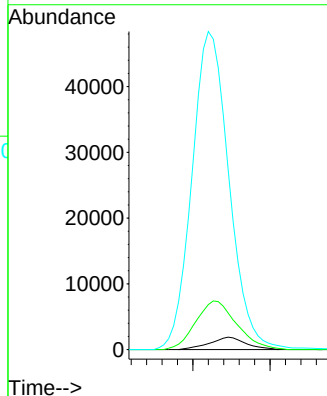
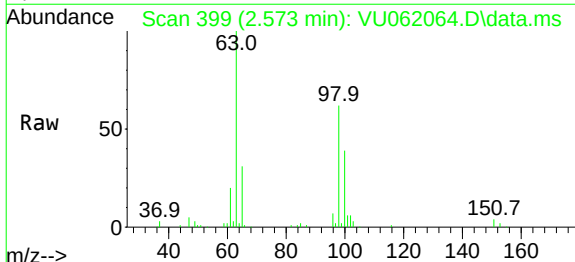
Manual Integrations
APPROVED

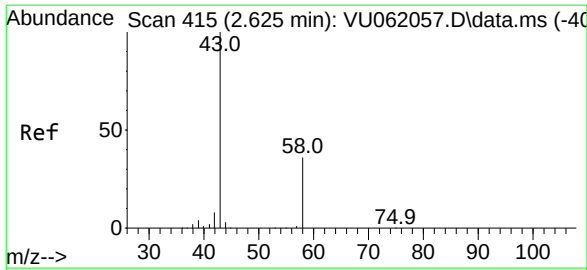
Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024



#12
1,1-Dichloroethene
Concen: 2.821 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Tgt Ion: 96 Resp: 3064
Ion Ratio Lower Upper
96 100
61 293.2 115.2 214.0#
63 1442.1 89.3 165.9#





#13

Acetone

Concen: 4.015 ug/L

RT: 2.634 min Scan# 415

Delta R.T. 0.009 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

Instrument :

MSVOA_U

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07

Tgt Ion: 43 Resp: 3886

Ion Ratio Lower Upper

43 100

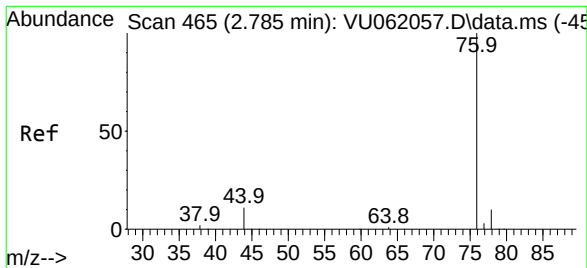
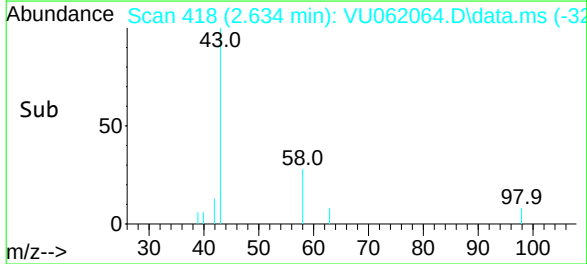
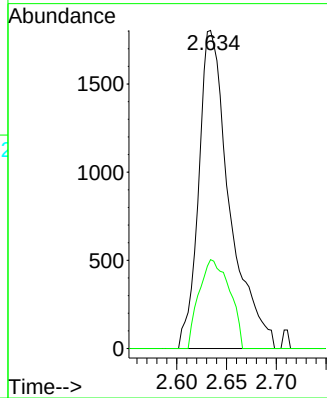
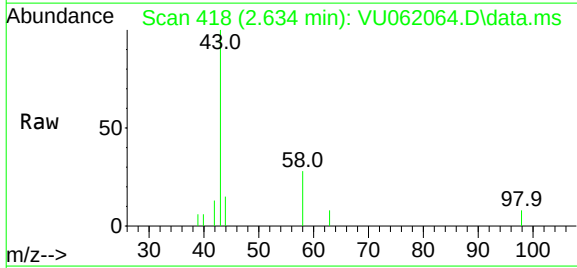
58 27.7 0.0 72.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/02/2024

Supervised By :Semsettin Yesilyurt 12/02/2024



#14

Carbon disulfide

Concen: 2.504 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU062064.D

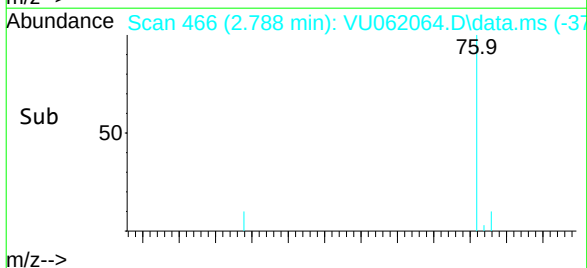
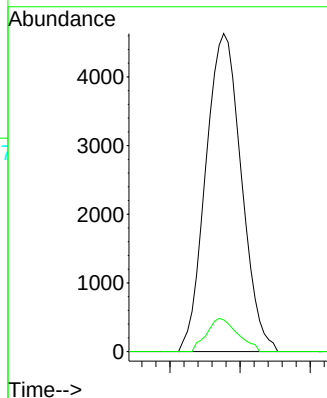
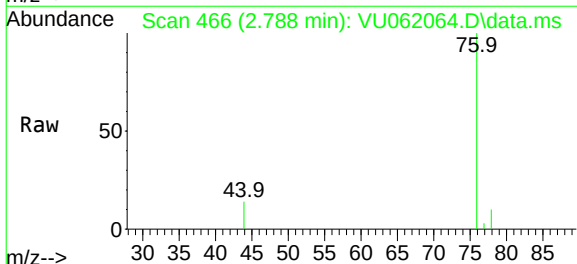
Acq: 27 Nov 2024 20:18

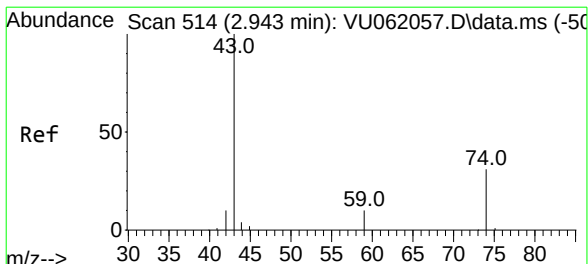
Tgt Ion: 76 Resp: 8180

Ion Ratio Lower Upper

76 100

78 10.0 7.8 11.6



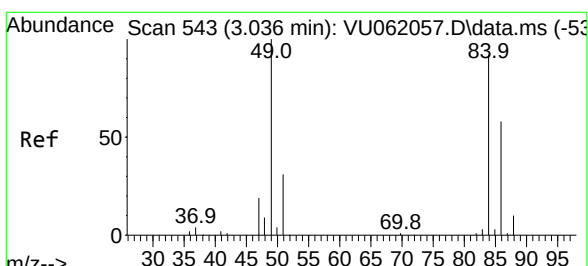
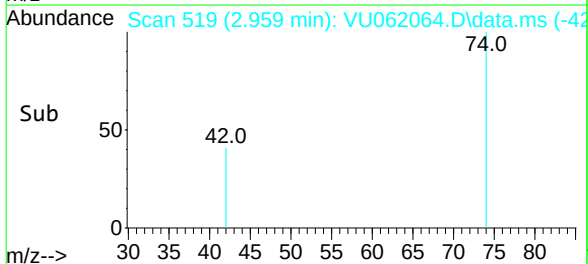
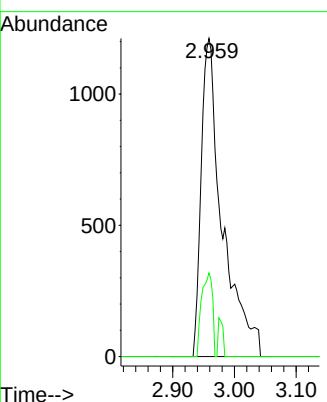
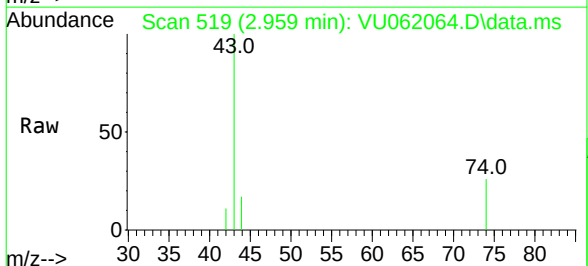


#15
Methyl Acetate
Concen: 2.406 ug/L m
RT: 2.959 min Scan# 51
Delta R.T. 0.016 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT4-2024-07

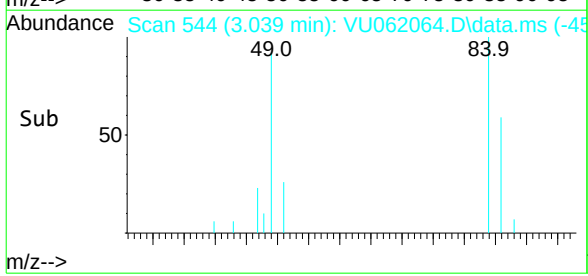
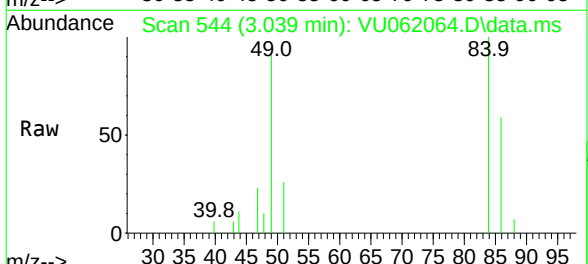
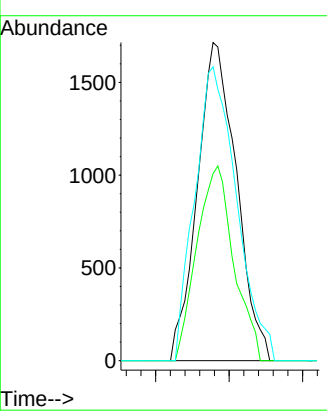
Tgt Ion:	43	Resp:	2872
Ion	Ratio	Lower	Upper
43	100		
74	13.4	23.4	35.2#

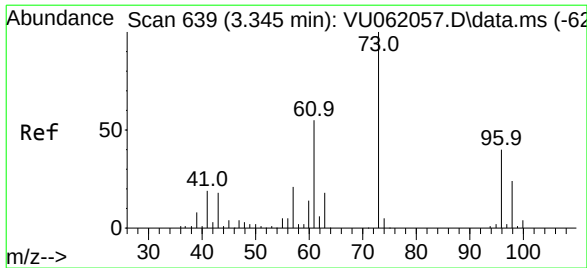
Manual Integrations
APPROVED
Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024



#16
Methylene chloride
Concen: 2.554 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

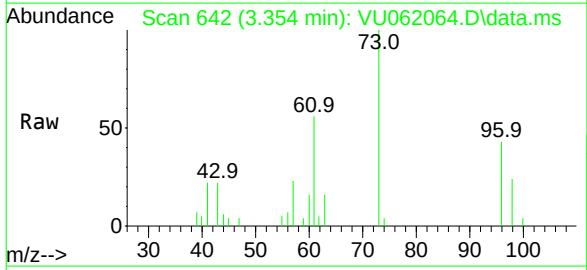
Tgt Ion:	84	Resp:	3162
Ion	Ratio	Lower	Upper
84	100		
86	58.8	44.4	82.4
49	92.4	75.9	141.1





#17
trans-1,2-Dichloroethene
Concen: 2.487 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.009 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

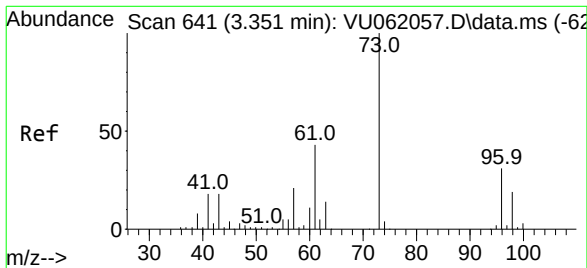
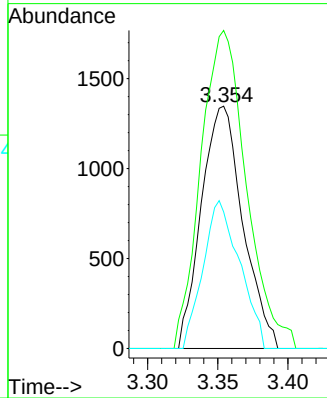
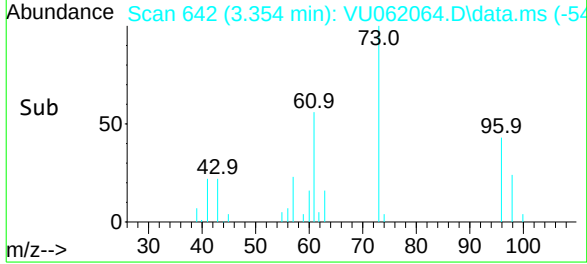
Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT4-2024-07



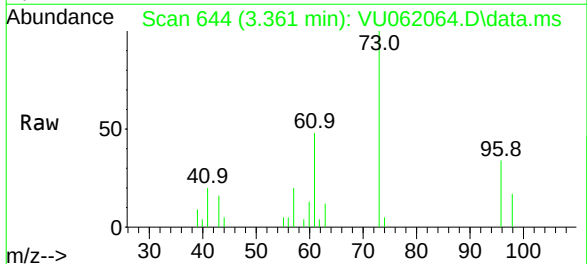
Tgt Ion: 96 Resp: 2776
Ion Ratio Lower Upper
96 100
61 131.3 96.2 178.6
98 56.3 42.7 79.3

Manual Integrations
APPROVED

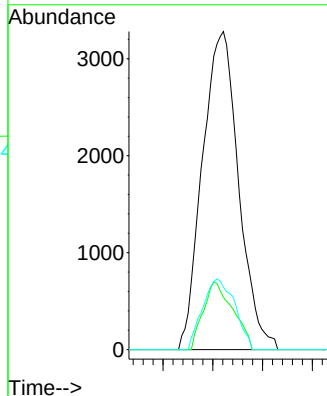
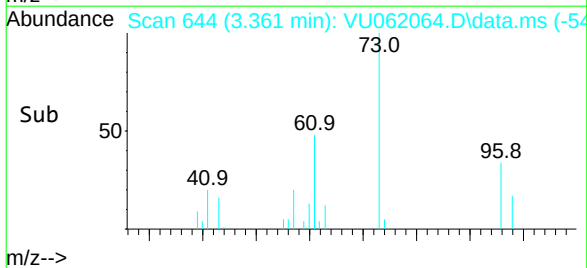
Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024

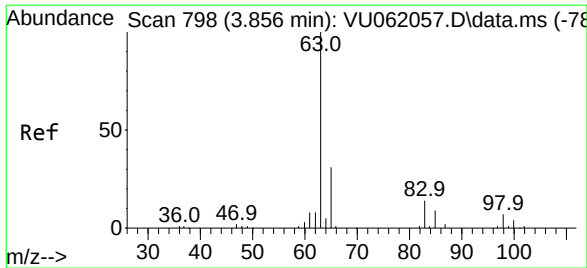


#18
Methyl tert-butyl Ether
Concen: 2.206 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.009 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18



Tgt Ion: 73 Resp: 8300
Ion Ratio Lower Upper
73 100
43 17.4 14.7 22.1
57 19.7 16.4 24.6





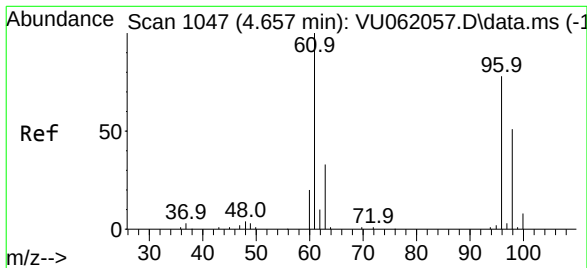
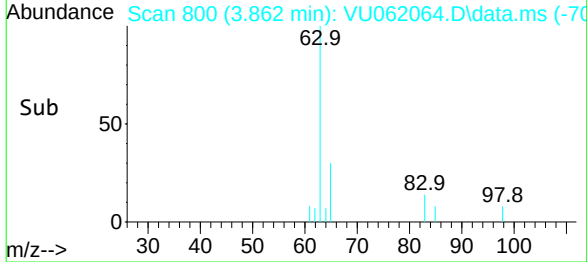
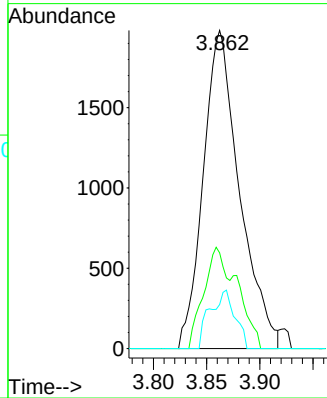
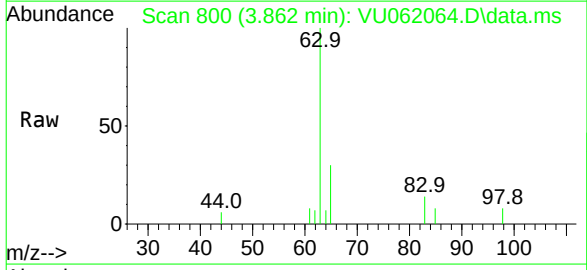
#19
1,1-Dichloroethane
Concen: 2.194 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.006 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT4-2024-07

Tgt Ion: 63	Resp: 4694
Ion Ratio	Lower Upper
63 100	
65 30.1	21.7 40.3
83 13.8	10.0 18.6

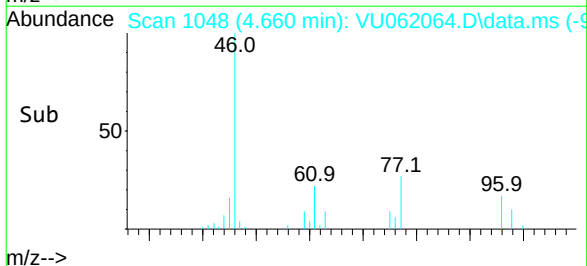
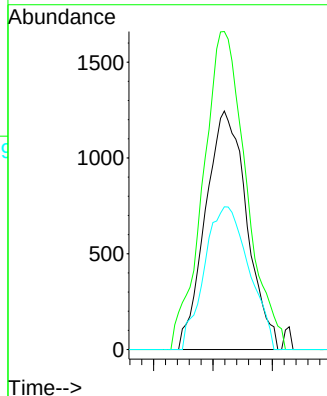
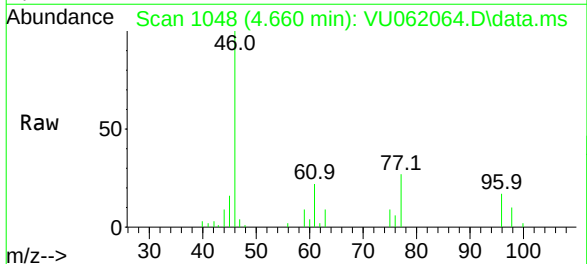
Manual Integrations
APPROVED

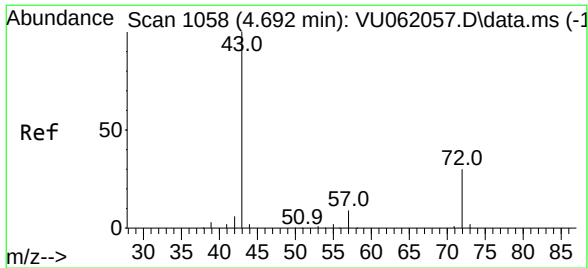
Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024



#20
cis-1,2-Dichloroethene
Concen: 2.369 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

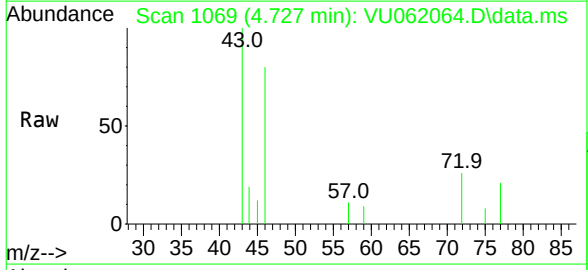
Tgt Ion: 96	Resp: 3012
Ion Ratio	Lower Upper
96 100	
61 133.3	90.1 167.3
98 59.8	45.3 84.1





#22
2-Butanone
Concen: 5.192 ug/L m
RT: 4.727 min Scan# 1069
Delta R.T. 0.035 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

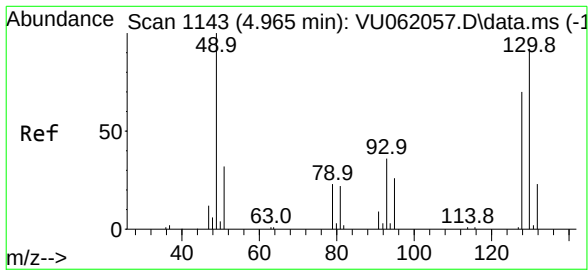
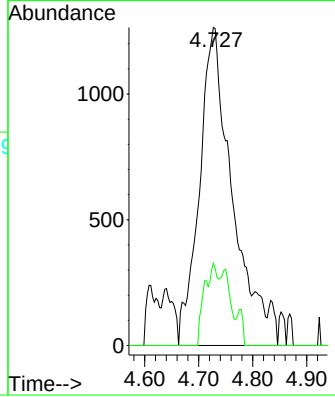
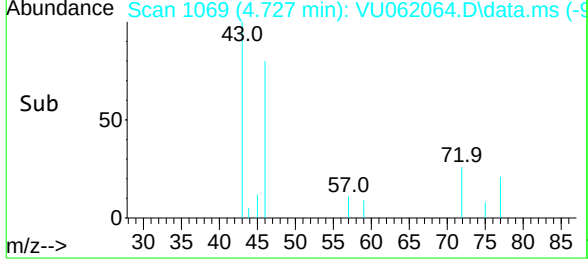
Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT4-2024-07



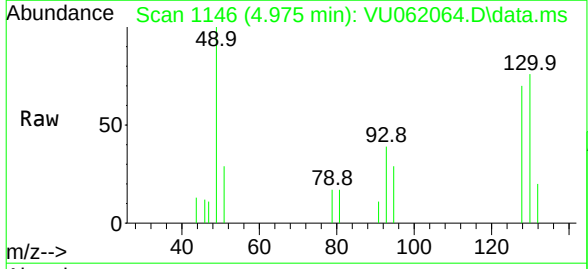
Tgt Ion: 43 Resp: 5420
Ion Ratio Lower Upper
43 100
72 4.3 15.9 47.7#

Manual Integrations
APPROVED

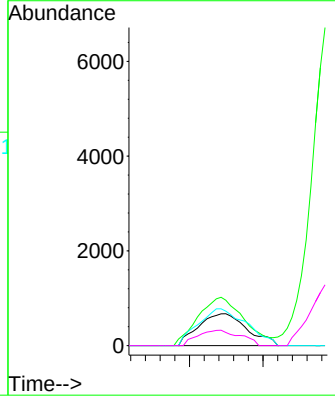
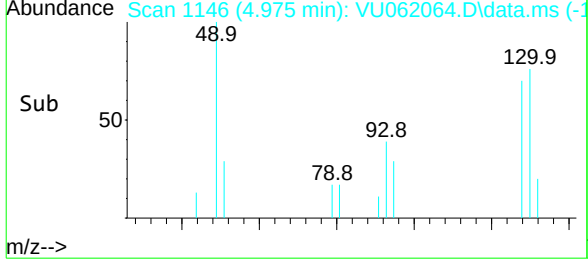
Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024

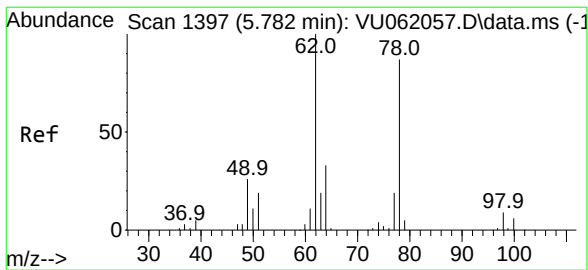


#23
Bromochloromethane
Concen: 2.330 ug/L
RT: 4.975 min Scan# 1146
Delta R.T. 0.009 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18



Tgt Ion:128 Resp: 1541
Ion Ratio Lower Upper
128 100
49 142.3 100.7 187.1
130 108.0 92.4 171.6
51 41.2 37.1 55.7





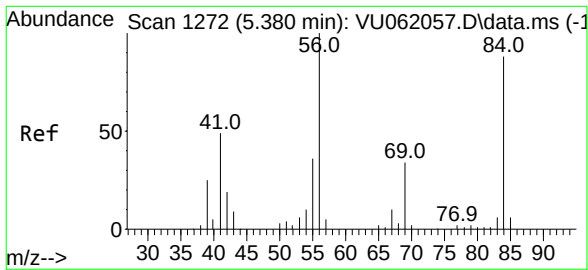
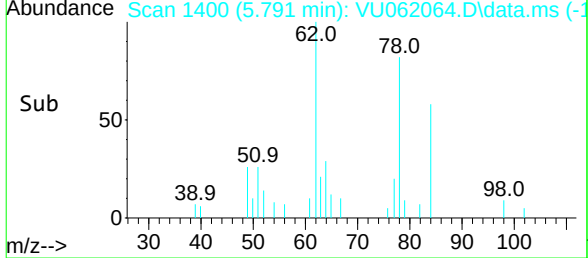
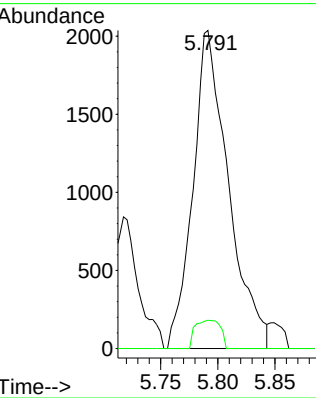
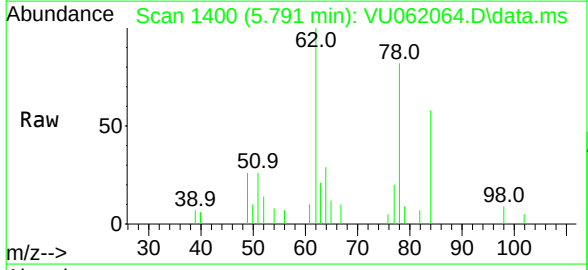
#27
1,2-Dichloroethane
Concen: 2.375 ug/L
RT: 5.791 min Scan# 1400
Delta R.T. 0.009 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT4-2024-07

Tgt Ion:	62	Resp:	4404
Ion Ratio	Lower	Upper	
62	100		
98	8.9	7.4	11.0

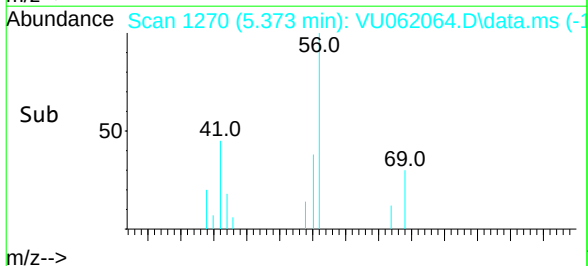
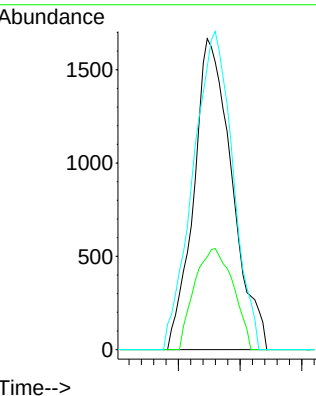
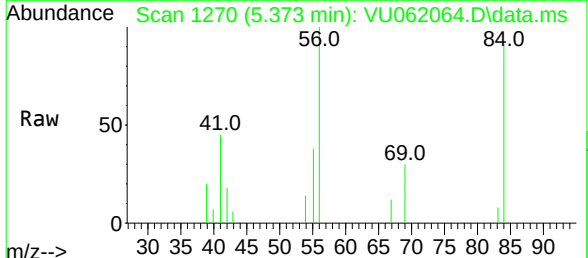
Manual Integrations
APPROVED

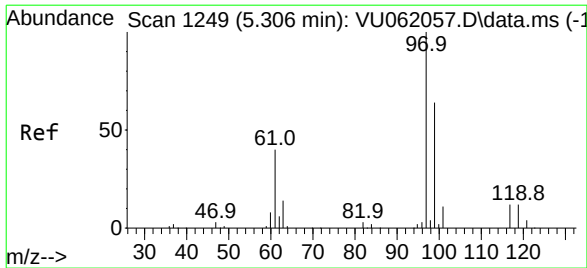
Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024



#29
Cyclohexane
Concen: 1.966 ug/L
RT: 5.373 min Scan# 1270
Delta R.T. -0.007 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Tgt Ion:	56	Resp:	3580
Ion Ratio	Lower	Upper	
56	100		
69	32.8	27.1	40.7
84	106.8	72.1	108.1





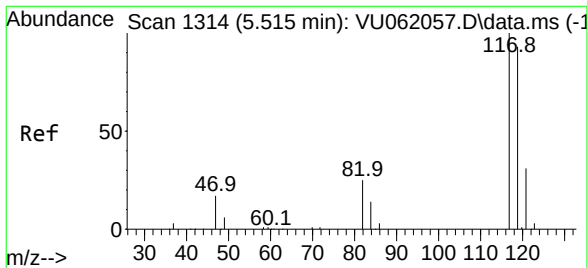
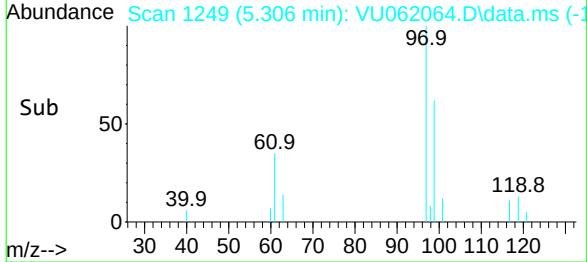
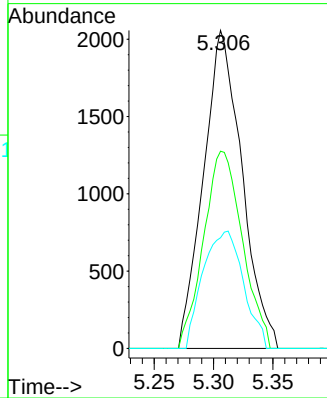
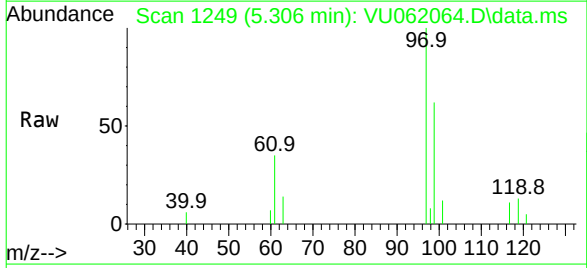
#30
1,1,1-Trichloroethane
Concen: 2.247 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT4-2024-07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.5	52.0	78.0
61	38.8	32.6	48.8

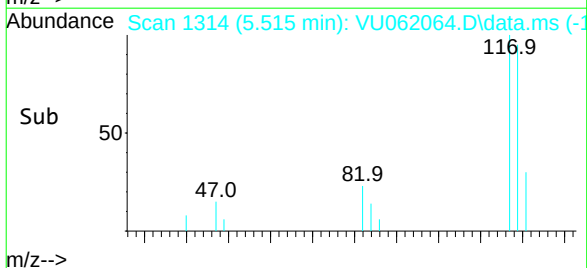
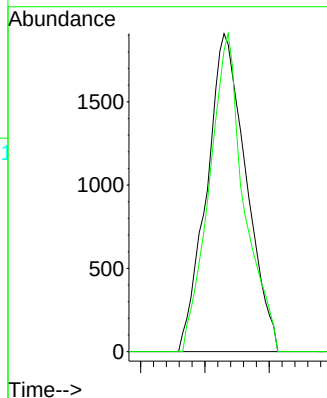
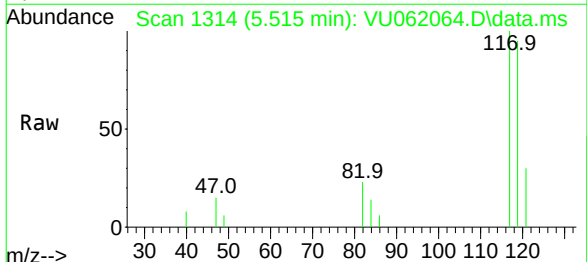
Manual Integrations
APPROVED

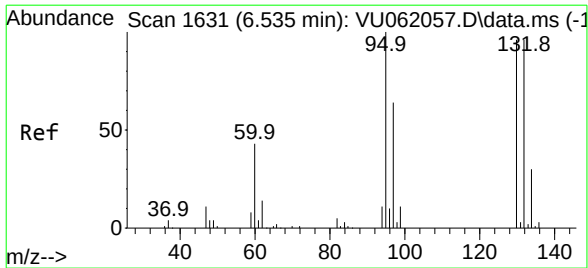
Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024



#31
Carbon tetrachloride
Concen: 2.204 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

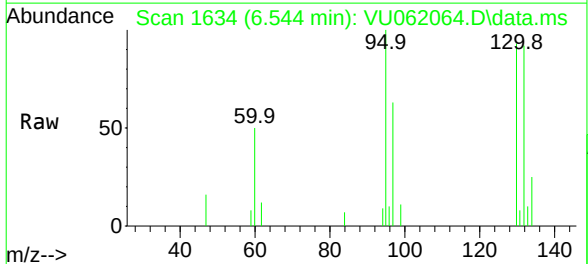
Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.7	77.0	115.6





#34
 Trichloroethene
 Concen: 2.380 ug/L
 RT: 6.544 min Scan# 16
 Delta R.T. 0.009 min
 Lab File: VU062064.D
 Acq: 27 Nov 2024 20:18

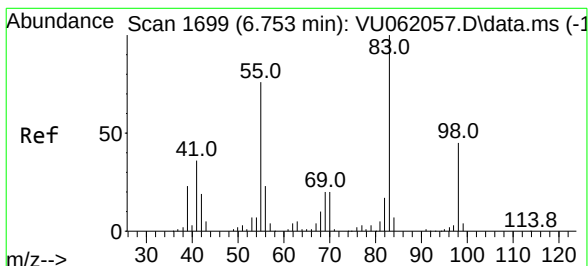
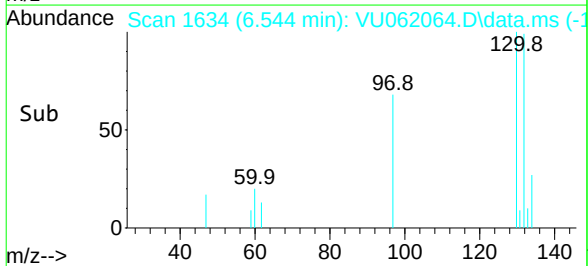
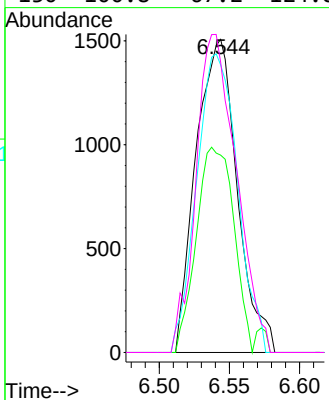
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-MED-SOIL-QT4-2024-07



Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.6	82.8
132	91.8	67.3	124.9
130	100.8	67.2	124.8

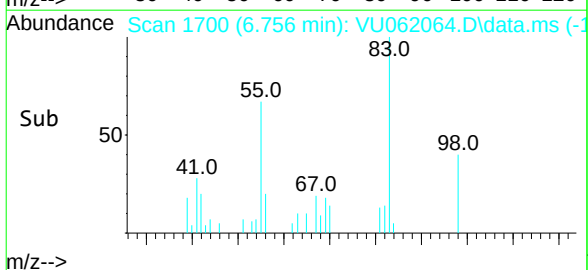
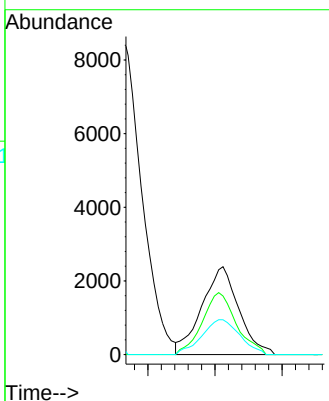
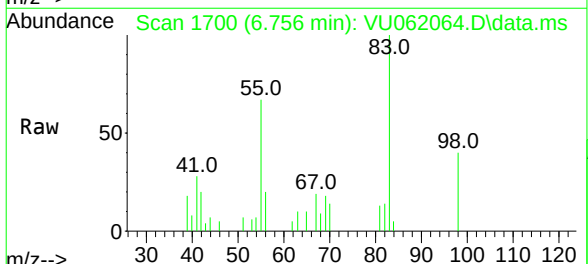
Manual Integrations
 APPROVED

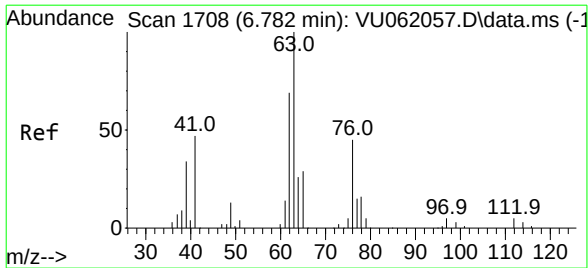
Reviewed By :Mahesh Dadoda 12/02/2024
 Supervised By :Semsettin Yesilyurt 12/02/2024



#35
 Methylcyclohexane
 Concen: 2.314 ug/L
 RT: 6.756 min Scan# 1700
 Delta R.T. 0.003 min
 Lab File: VU062064.D
 Acq: 27 Nov 2024 20:18

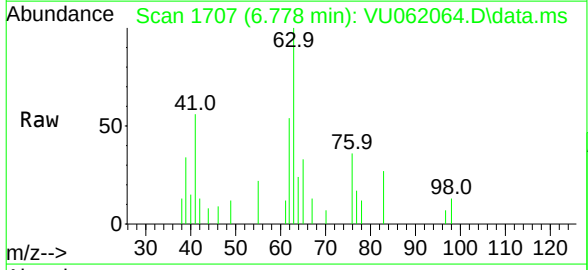
Tgt Ion	Ratio	Lower	Upper
83	100		
55	64.9	60.1	90.1
98	40.9	35.8	53.8





#37
 1,2-Dichloropropane
 Concen: 2.497 ug/L m
 RT: 6.778 min Scan# 1707
 Delta R.T. -0.004 min
 Lab File: VU062064.D
 Acq: 27 Nov 2024 20:18

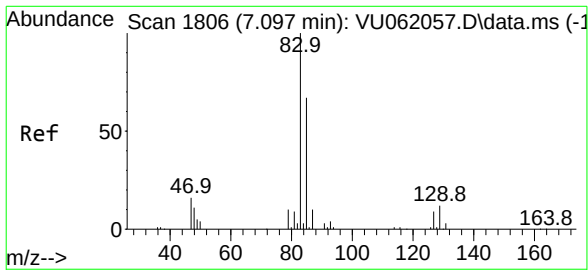
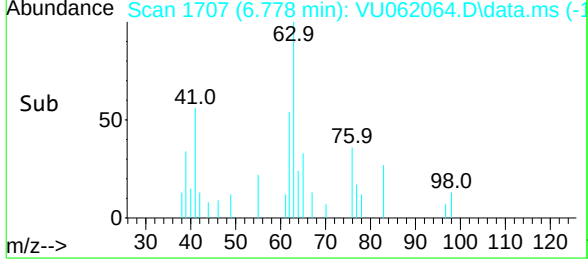
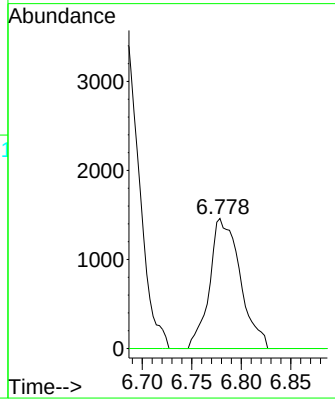
Instrument : MSVOA_U
 ClientSampleId : MDL-MED-SOIL-QT4-2024-07



Tgt Ion: 63 Resp: 3134
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#

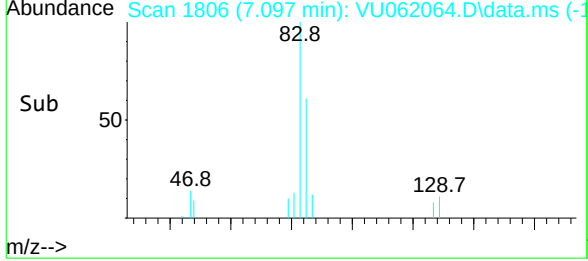
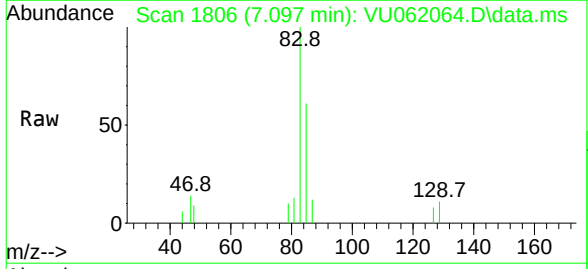
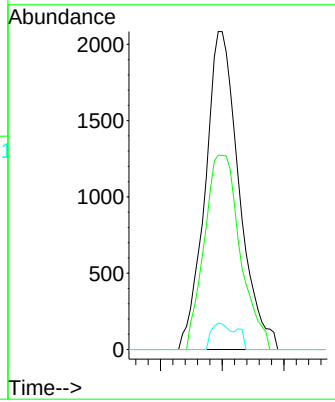
Manual Integrations
 APPROVED

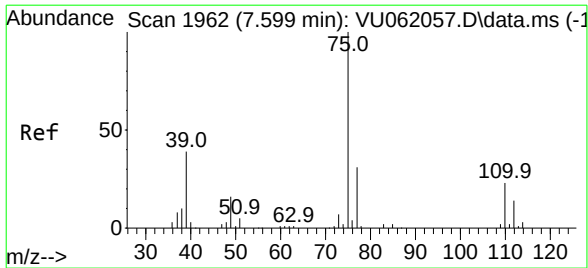
Reviewed By :Mahesh Dadoda 12/02/2024
 Supervised By :Semsettin Yesilyurt 12/02/2024



#38
 Bromodichloromethane
 Concen: 2.348 ug/L
 RT: 7.097 min Scan# 1806
 Delta R.T. -0.000 min
 Lab File: VU062064.D
 Acq: 27 Nov 2024 20:18

Tgt Ion: 83 Resp: 3970
 Ion Ratio Lower Upper
 83 100
 85 61.1 46.8 87.0
 127 8.3 6.8 10.2





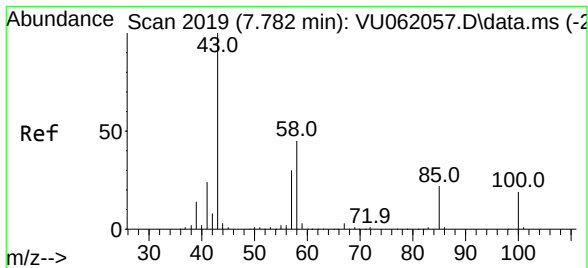
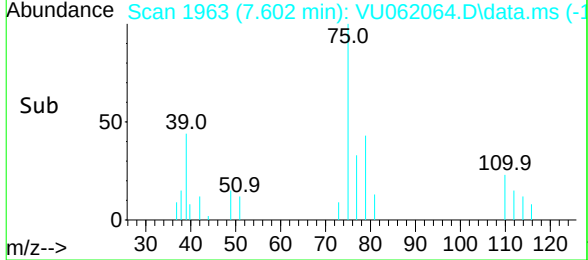
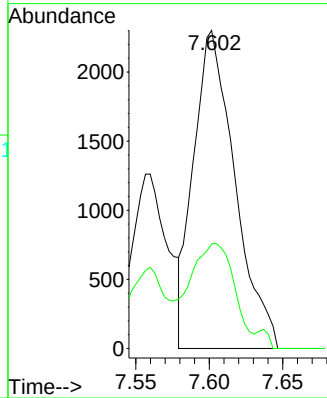
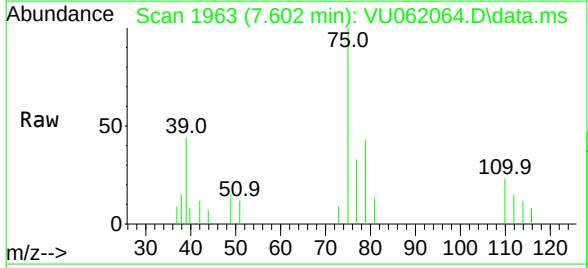
#39
cis-1,3-Dichloropropene
Concen: 2.220 ug/L
RT: 7.602 min Scan# 1962
Delta R.T. 0.003 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT4-2024-07

Tgt Ion: 75 Resp: 4499
Ion Ratio Lower Upper
75 100
77 32.9 21.6 40.2

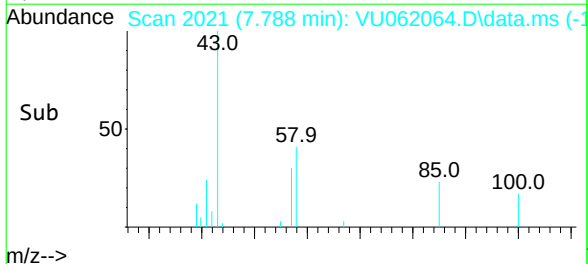
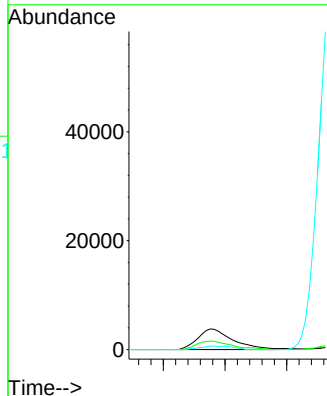
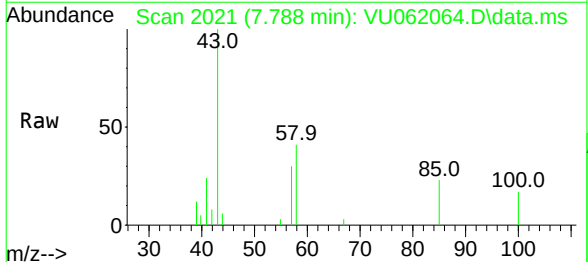
Manual Integrations
APPROVED

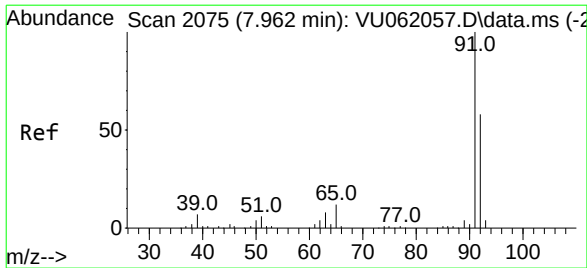
Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024



#40
4-Methyl-2-pentanone
Concen: 4.718 ug/L
RT: 7.788 min Scan# 2021
Delta R.T. 0.006 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Tgt Ion: 43 Resp: 7396
Ion Ratio Lower Upper
43 100
58 38.6 35.7 53.5
100 10.7 14.6 21.8#





#42

Toluene

Concen: 2.310 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

Instrument :

MSVOA_U

ClientSampleId :

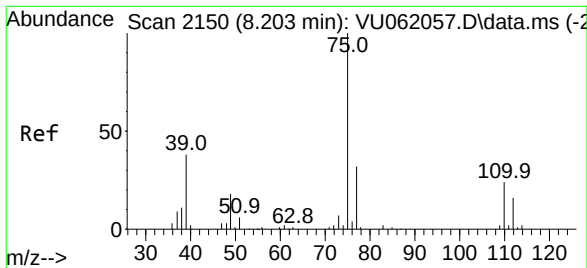
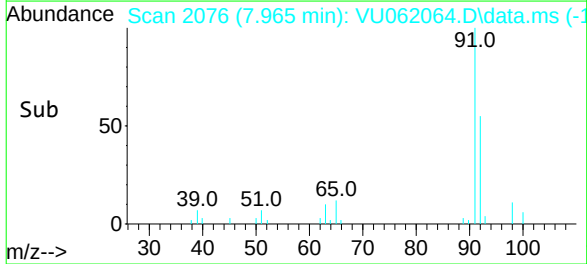
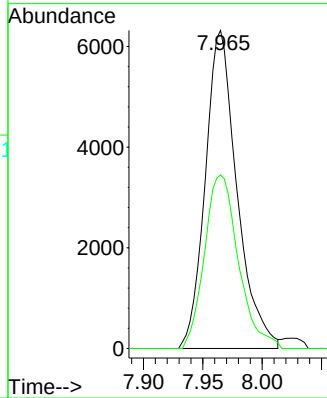
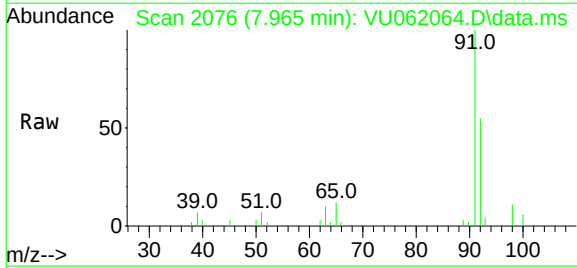
MDL-MED-SOIL-QT4-2024-07

Tgt Ion: 91 Resp: 11713
 Ion Ratio Lower Upper
 91 100
 92 54.6 40.5 75.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/02/2024
 Supervised By :Semsettin Yesilyurt 12/02/2024



#44

trans-1,3-Dichloropropene

Concen: 2.626 ug/L m

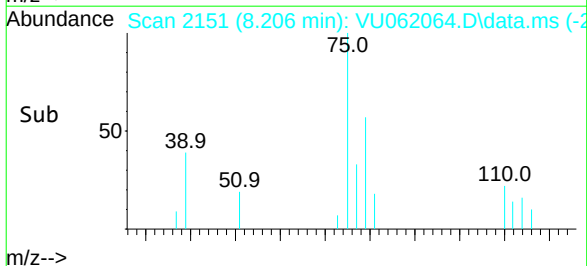
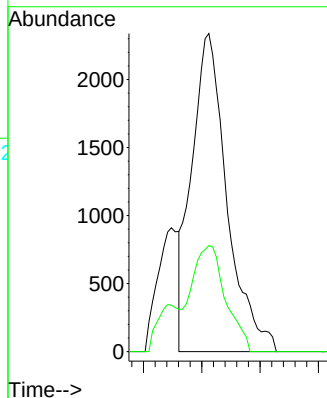
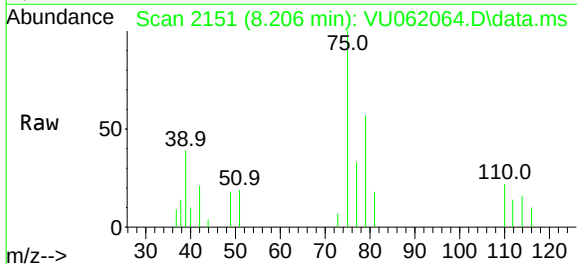
RT: 8.206 min Scan# 2151

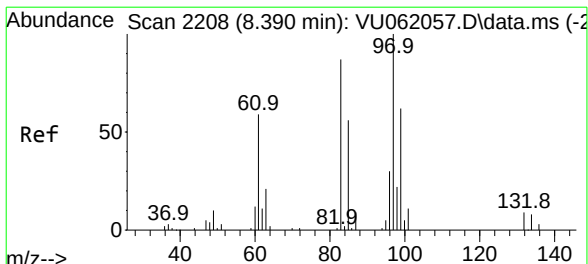
Delta R.T. 0.003 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

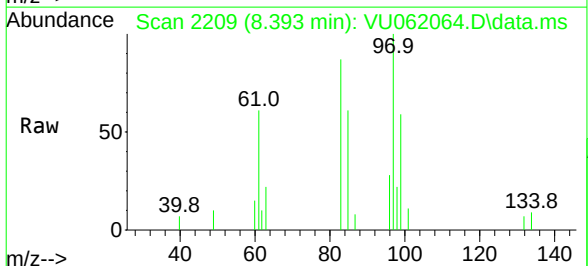
Tgt Ion: 75 Resp: 4920
 Ion Ratio Lower Upper
 75 100
 77 33.3 22.4 41.6





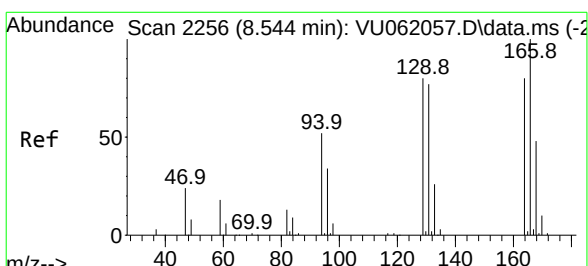
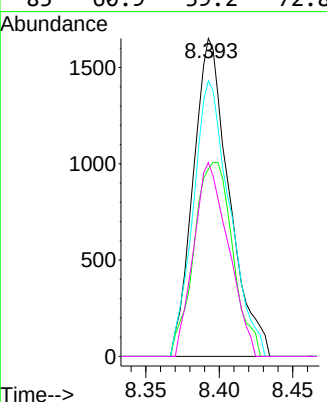
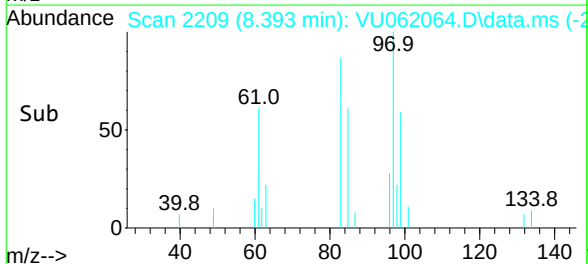
#45
 1,1,2-Trichloroethane
 Concen: 2.255 ug/L
 RT: 8.393 min Scan# 2208
 Delta R.T. 0.003 min
 Lab File: VU062064.D
 Acq: 27 Nov 2024 20:18

Instrument : MSVOA_U
 ClientSampleId : MDL-MED-SOIL-QT4-2024-07

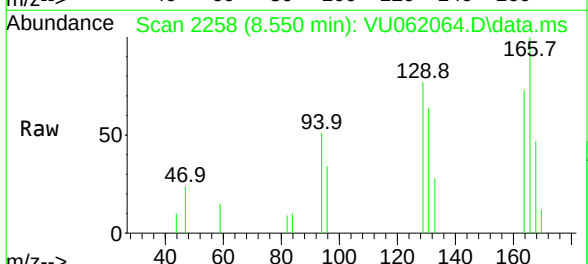


Tgt Ion	97	Ratio	100	Resp	2808	Lower	Upper
97	100						
99	58.9			43.5	80.7		
83	86.7			60.8	113.0		
85	60.9			39.2	72.8		

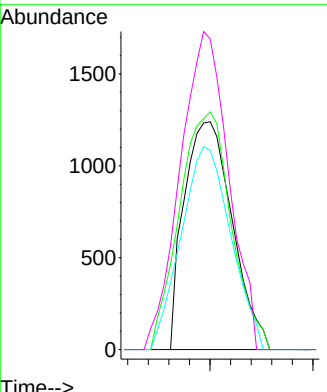
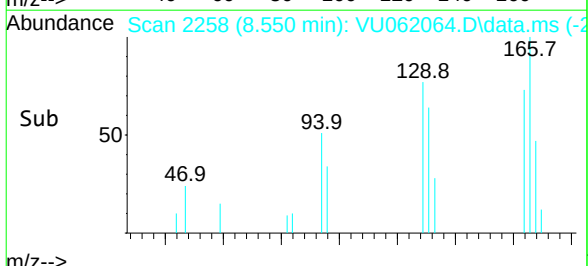
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 12/02/2024
 Supervised By :Semsettin Yesilyurt 12/02/2024

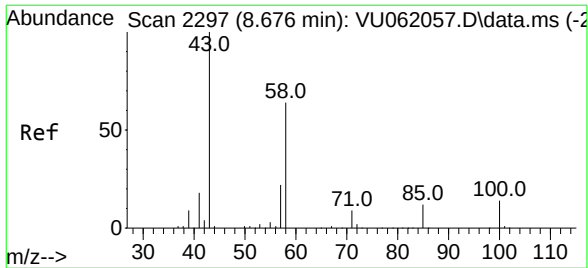


#46
 Tetrachloroethene
 Concen: 2.043 ug/L
 RT: 8.550 min Scan# 2258
 Delta R.T. 0.006 min
 Lab File: VU062064.D
 Acq: 27 Nov 2024 20:18



Tgt Ion	164	Ratio	100	Resp	2010	Lower	Upper
164	100						
129	104.4			70.4	130.8		
131	87.4			67.8	125.8		
166	136.3			87.5	162.5		





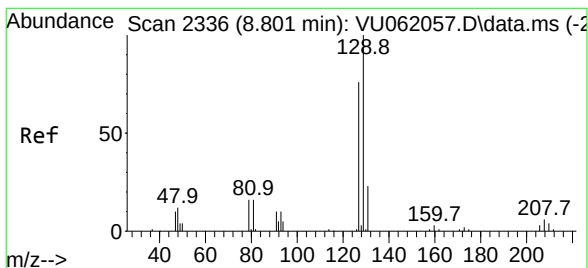
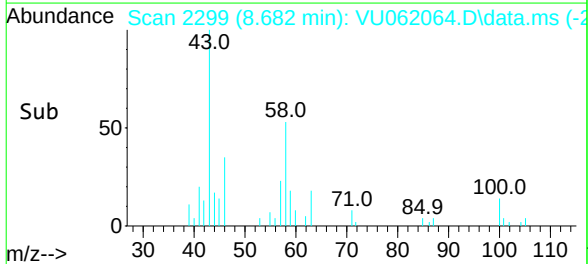
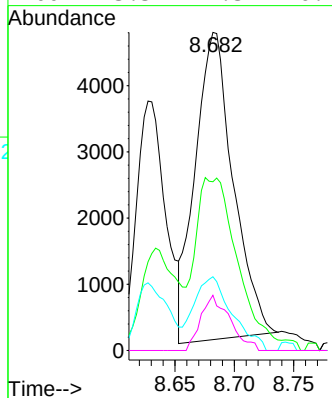
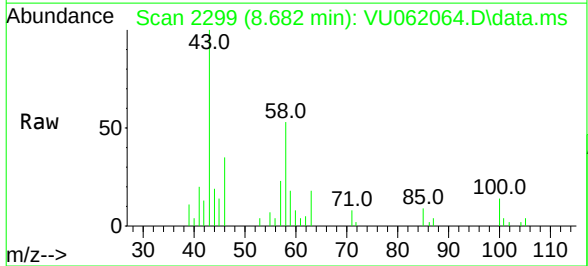
#48
2-Hexanone
Concen: 7.827 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.006 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT4-2024-07

Tgt Ion:	43	Resp:	10343
Ion	Ratio	Lower	Upper
43	100		
58	14.6	51.7	77.5
57	23.9	18.5	27.7
100	13.3	11.3	16.9

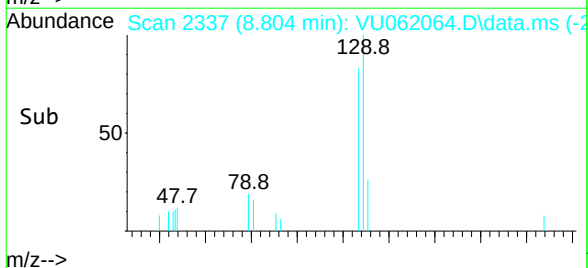
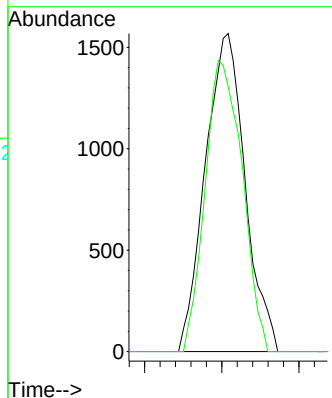
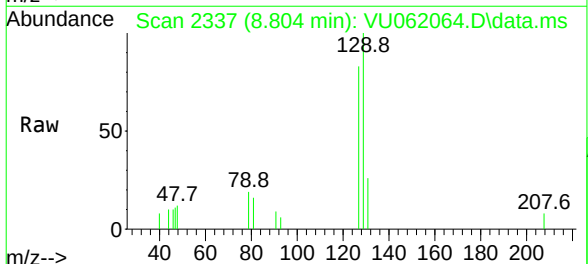
Manual Integrations
APPROVED

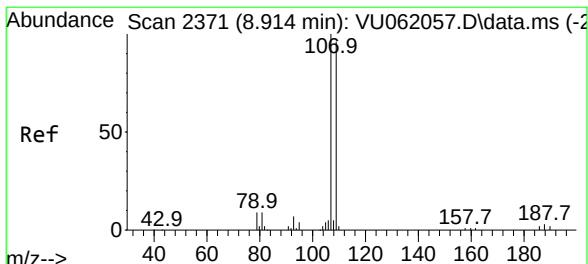
Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024



#49
Dibromochloromethane
Concen: 2.156 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

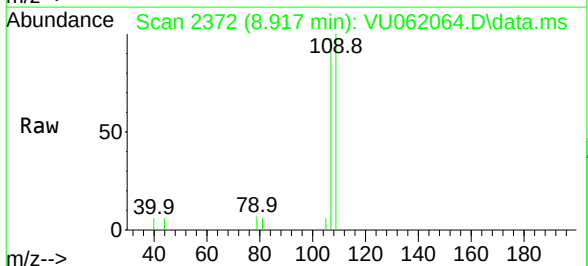
Tgt Ion:	129	Resp:	2805
Ion	Ratio	Lower	Upper
129	100		
127	83.3	53.3	99.1





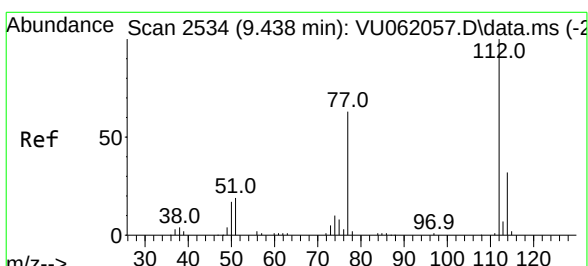
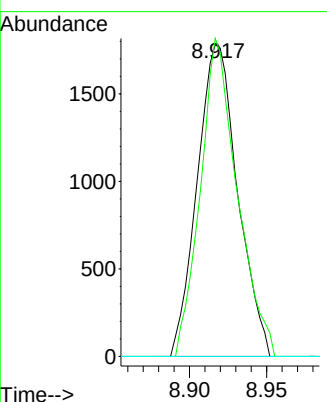
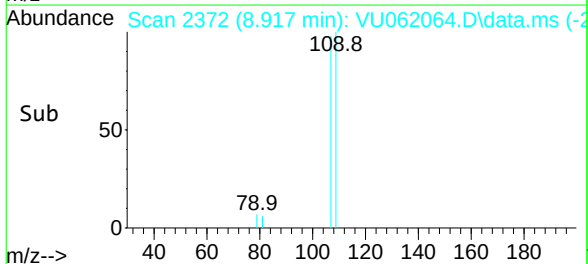
#50
1,2-Dibromoethane
Concen: 2.399 ug/L
RT: 8.917 min Scan# 2371
Delta R.T. 0.003 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT4-2024-07

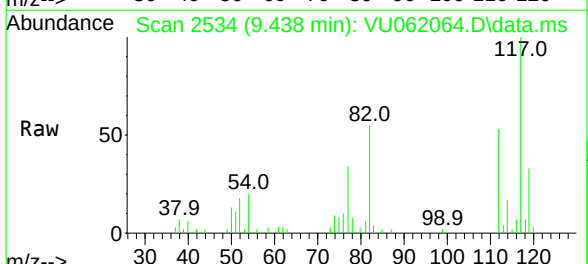


Tgt Ion:	107	Resp:	3245
Ion Ratio	Lower	Upper	
107	100		
109	102.0	67.1	124.7
188	0.0	2.6	4.0

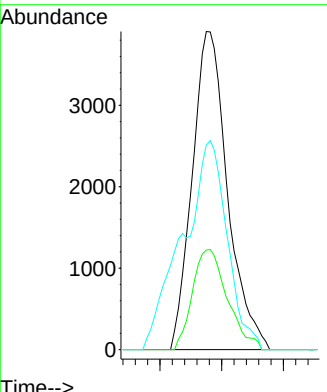
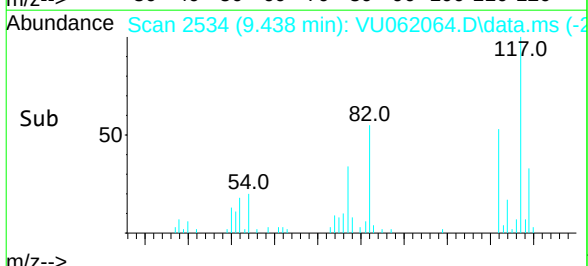
Manual Integrations
APPROVED
Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024

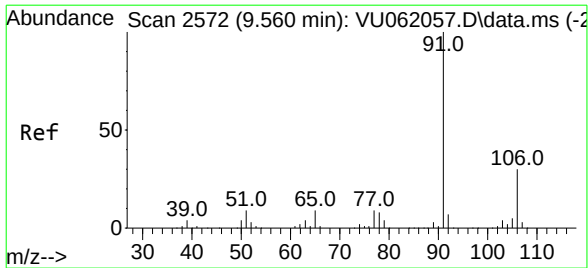


#51
Chlorobenzene
Concen: 2.418 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18



Tgt Ion:	112	Resp:	7743
Ion Ratio	Lower	Upper	
112	100		
114	31.3	22.0	41.0
77	64.3	50.8	76.2





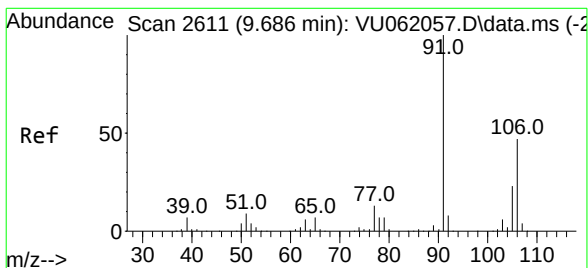
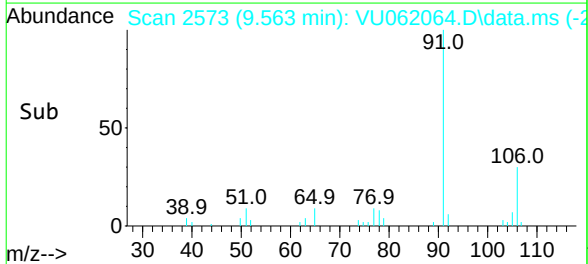
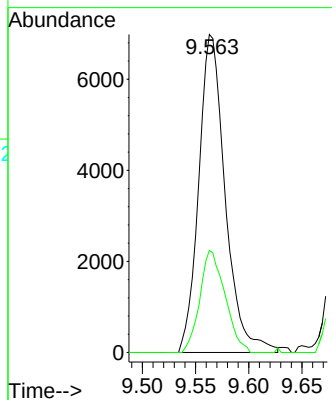
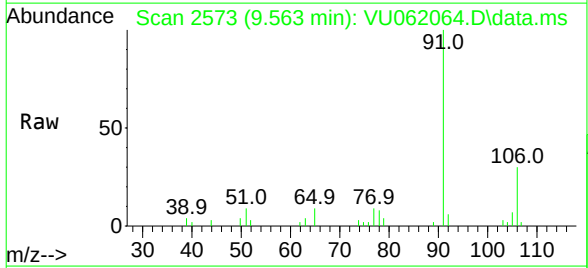
#52
 Ethylbenzene
 Concen: 2.173 ug/L
 RT: 9.563 min Scan# 2573
 Delta R.T. 0.003 min
 Lab File: VU062064.D
 Acq: 27 Nov 2024 20:18

Instrument : MSVOA_U
 ClientSampleId : MDL-MED-SOIL-QT4-2024-07

Tgt Ion:	91	Resp:	12100
Ion Ratio	Lower	Upper	
91	100		
106	32.1	20.8	38.6

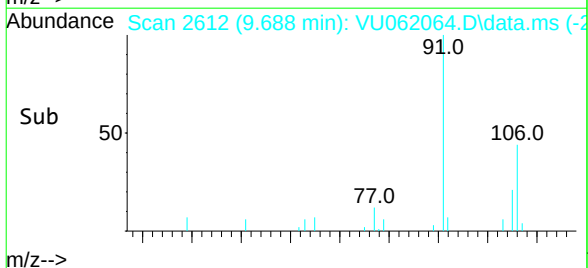
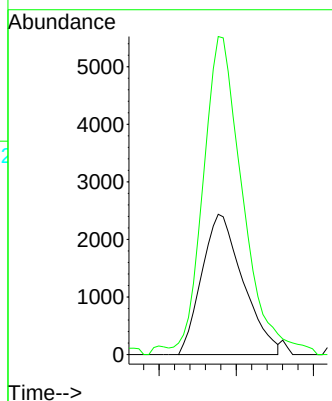
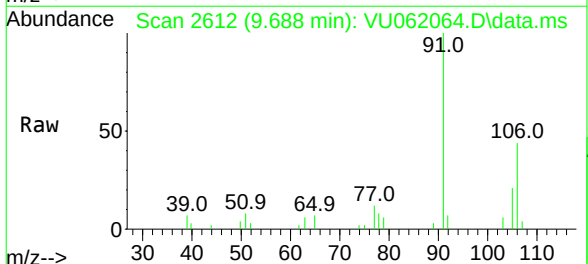
Manual Integrations
 APPROVED

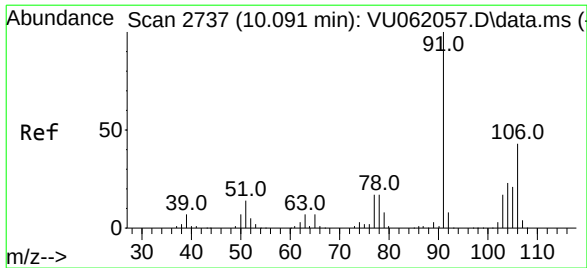
Reviewed By :Mahesh Dadoda 12/02/2024
 Supervised By :Semsettin Yesilyurt 12/02/2024



#53
 m,p-Xylene
 Concen: 2.200 ug/L
 RT: 9.688 min Scan# 2612
 Delta R.T. 0.003 min
 Lab File: VU062064.D
 Acq: 27 Nov 2024 20:18

Tgt Ion:	106	Resp:	4531
Ion Ratio	Lower	Upper	
106	100		
91	226.7	147.9	274.7





#54

o-Xylene

Concen: 2.137 ug/L

RT: 10.093 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

Instrument :

MSVOA_U

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07

Tgt Ion:106 Resp: 4305

Ion Ratio Lower Upper

106 100

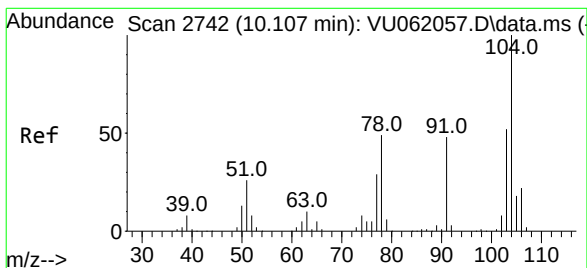
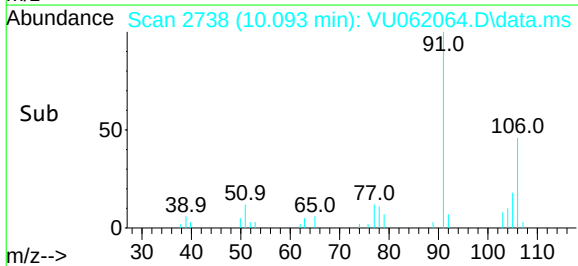
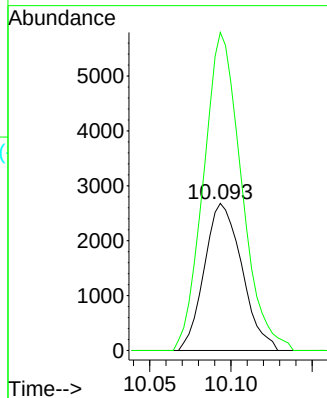
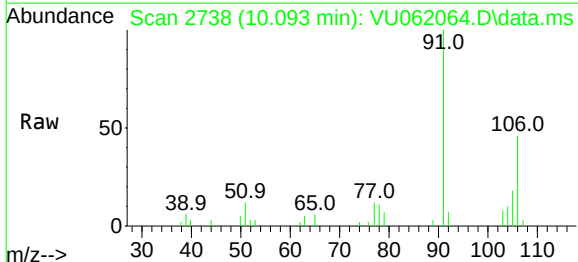
91 216.2 161.0 299.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/02/2024

Supervised By :Semsettin Yesilyurt 12/02/2024



#55

Styrene

Concen: 1.954 ug/L

RT: 10.116 min Scan# 2745

Delta R.T. 0.009 min

Lab File: VU062064.D

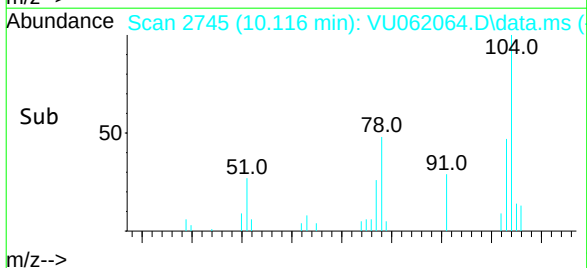
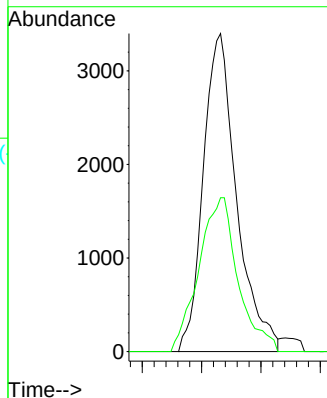
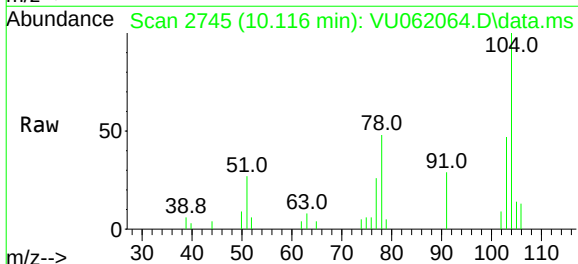
Acq: 27 Nov 2024 20:18

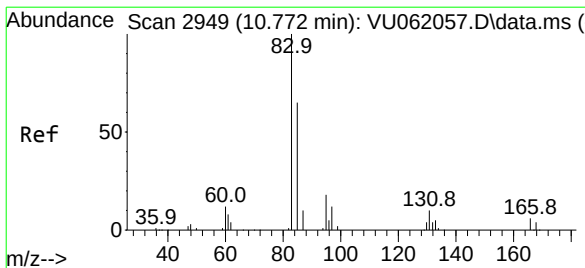
Tgt Ion:104 Resp: 6623

Ion Ratio Lower Upper

104 100

78 48.4 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 2.568 ug/L

RT: 10.769 min Scan# 29

Delta R.T. -0.004 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

Instrument :

MSVOA_U

ClientSampleId :

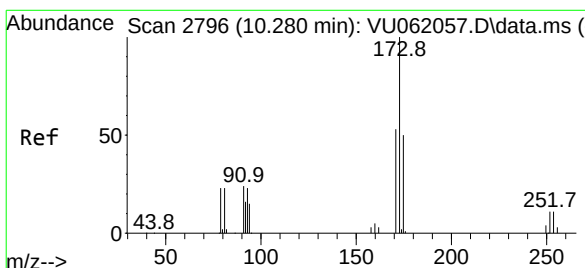
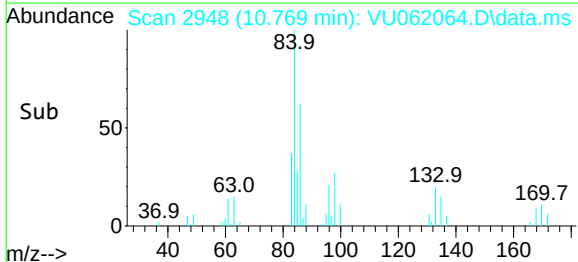
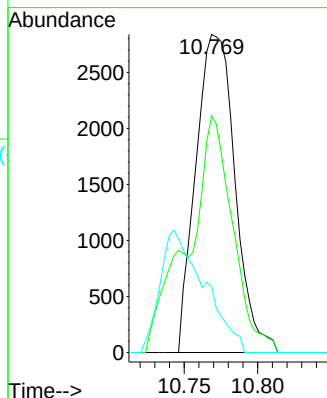
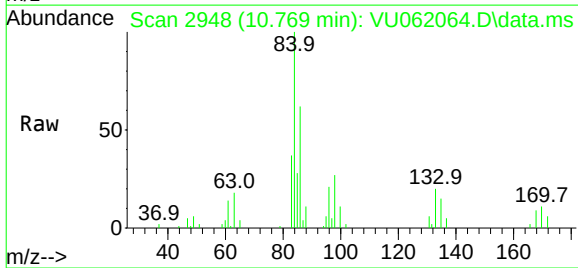
MDL-MED-SOIL-QT4-2024-07

Tgt Ion:	83	Resp:	5277
Ion	Ratio	Lower	Upper
83	100		
85	74.4	46.5	86.3
131	20.6	8.4	12.6#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024



#59

Bromoform

Concen: 2.247 ug/L

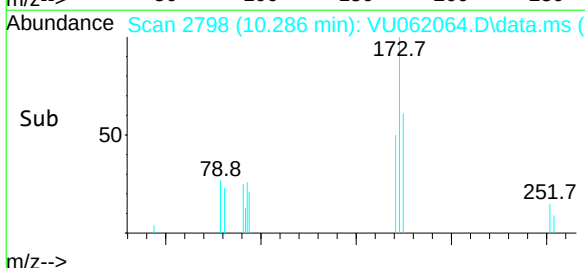
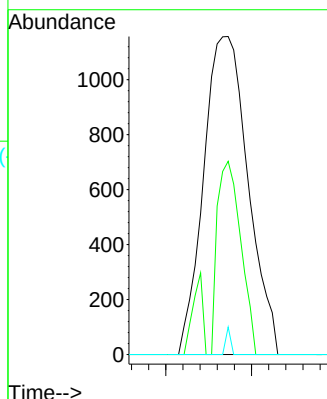
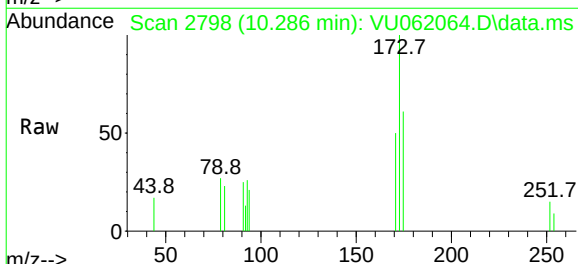
RT: 10.286 min Scan# 2798

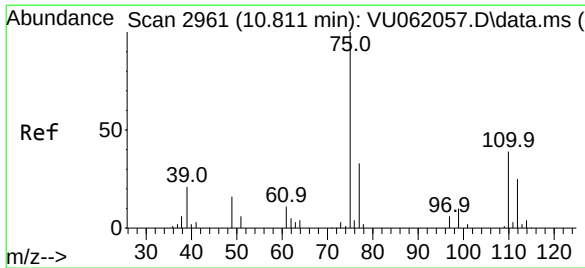
Delta R.T. 0.006 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

Tgt Ion:	173	Resp:	2083
Ion	Ratio	Lower	Upper
173	100		
175	32.0	39.2	58.8#
254	0.0	1.7	2.5#





#60

1,2,3-Trichloropropane

Concen: 2.580 ug/L

RT: 10.814 min Scan# 29

Delta R.T. 0.003 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

Instrument :

MSVOA_U

ClientSampleId :

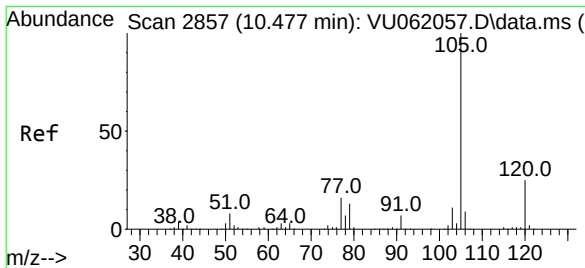
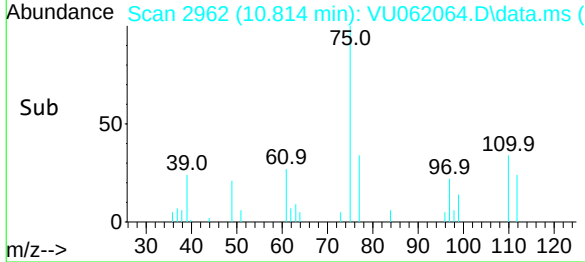
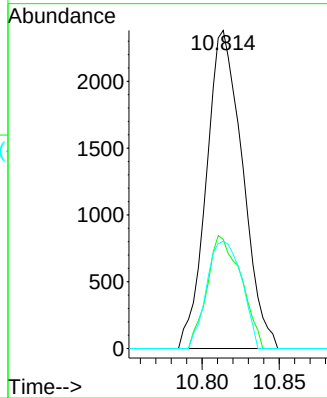
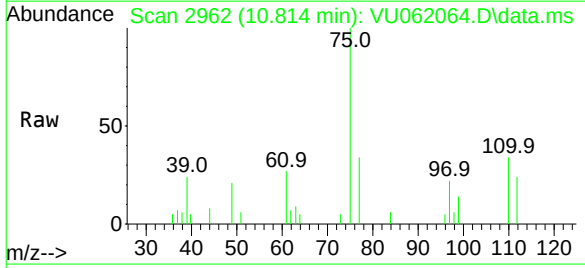
MDL-MED-SOIL-QT4-2024-07

Tgt Ion:	75	Resp:	3878
Ion	Ratio	Lower	Upper
75	100		
77	33.4	26.2	39.4
110	32.6	30.7	46.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024



#61

Isopropylbenzene

Concen: 2.204 ug/L

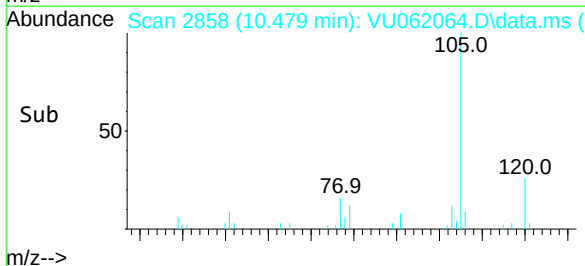
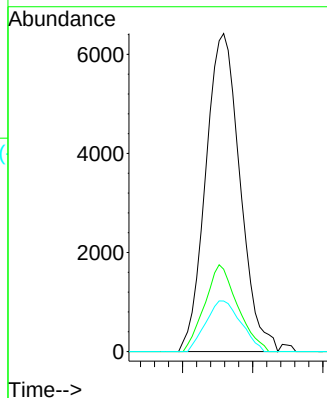
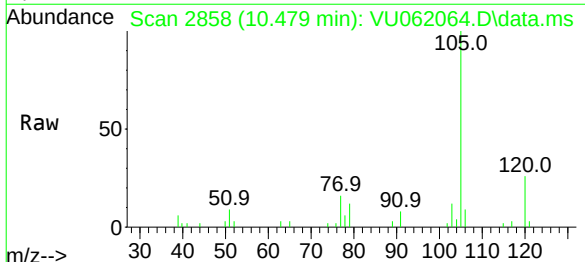
RT: 10.479 min Scan# 2858

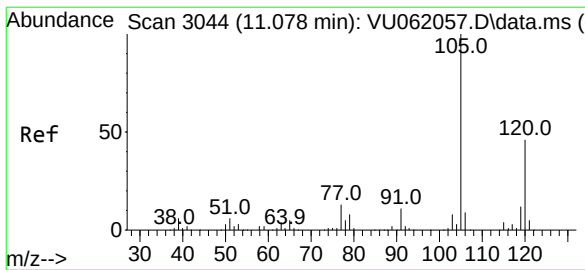
Delta R.T. 0.003 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

Tgt Ion:	105	Resp:	10915
Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.0	30.0
77	16.2	13.1	19.7





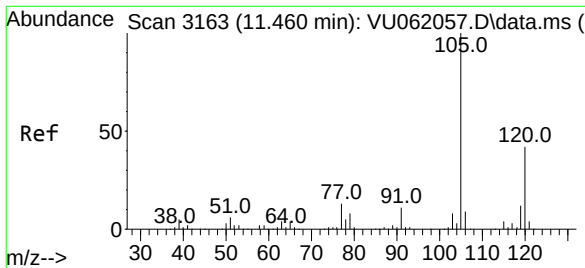
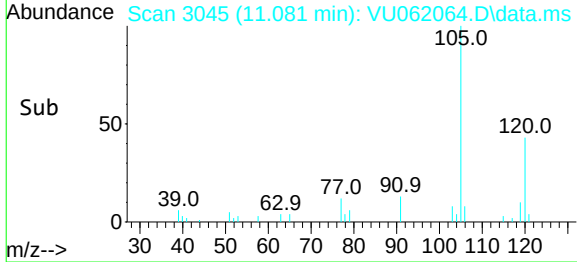
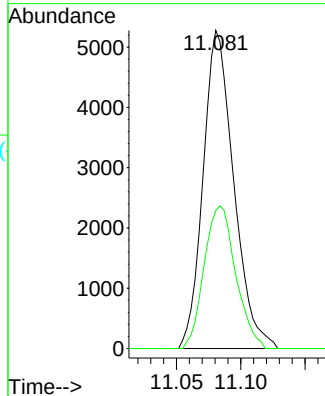
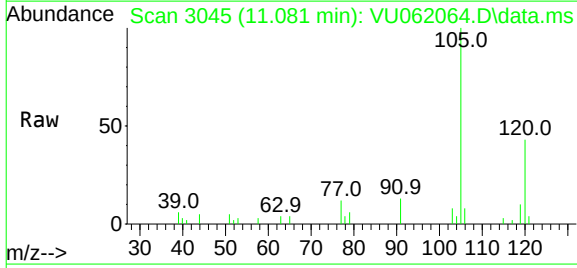
#62
1,3,5-Trimethylbenzene
Concen: 2.072 ug/L
RT: 11.081 min Scan# 3044
Delta R.T. 0.003 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion:105 Resp: 8734
Ion Ratio Lower Upper
105 100
120 46.1 37.0 55.6

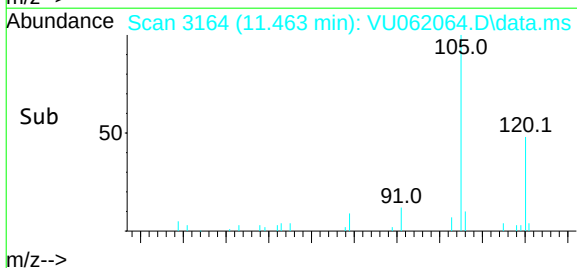
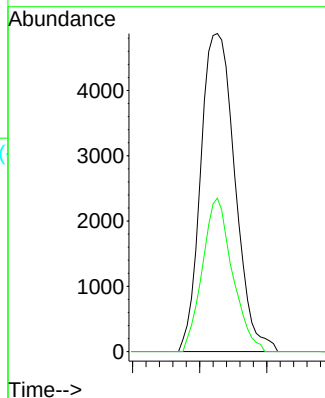
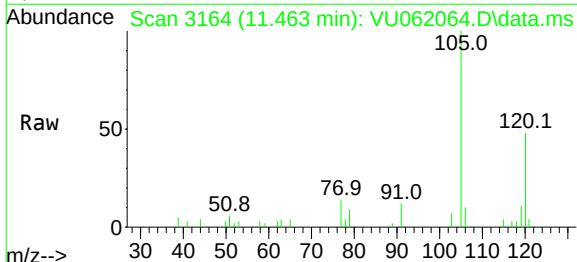
Manual Integrations
APPROVED

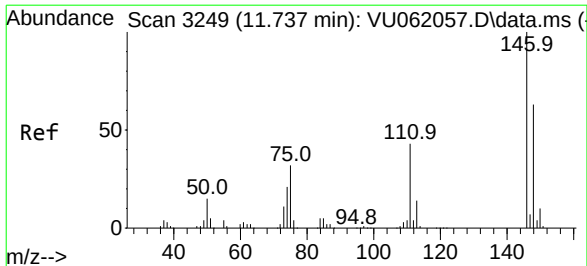
Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024



#63
1,2,4-Trimethylbenzene
Concen: 2.126 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Tgt Ion:105 Resp: 8631
Ion Ratio Lower Upper
105 100
120 42.2 33.8 50.8





#64

1,3-Dichlorobenzene

Concen: 2.456 ug/L

RT: 11.743 min Scan# 32

Delta R.T. 0.006 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

Instrument :

MSVOA_U

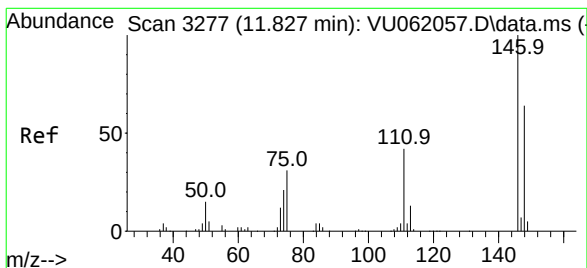
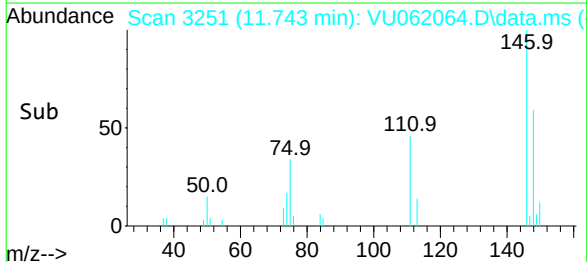
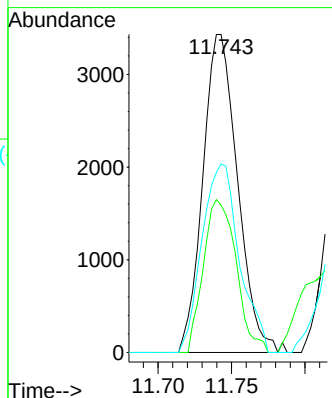
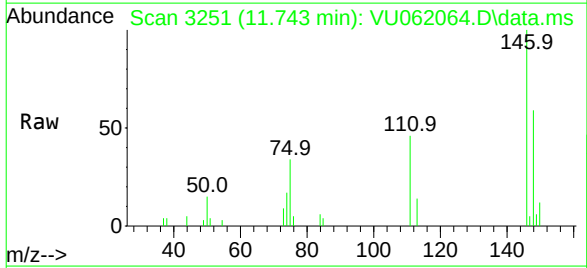
ClientSampleId :

MDL-MED-SOIL-QT4-2024-07

Tgt	Ion:146	Resp:	5621
Ion	Ratio	Lower	Upper
146	100		
111	44.0	29.8	55.4
148	61.8	44.4	82.5

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024



#65

1,4-Dichlorobenzene

Concen: 2.483 ug/L

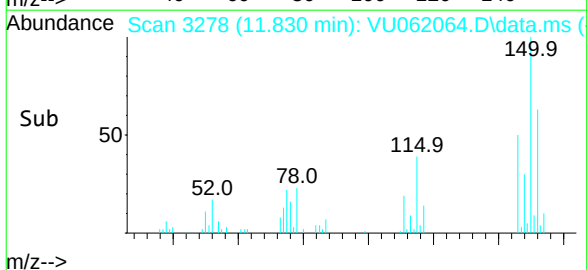
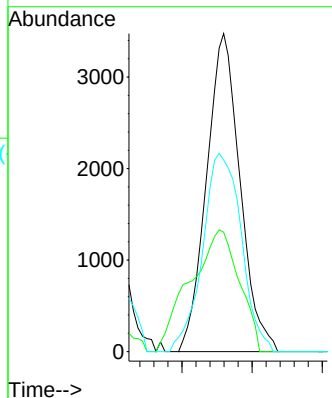
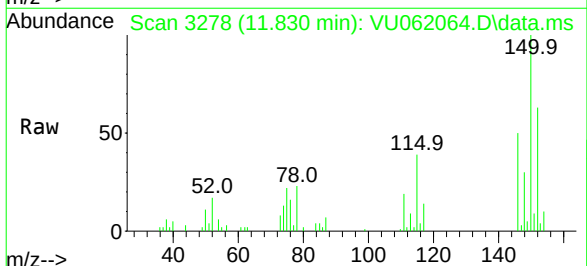
RT: 11.830 min Scan# 3278

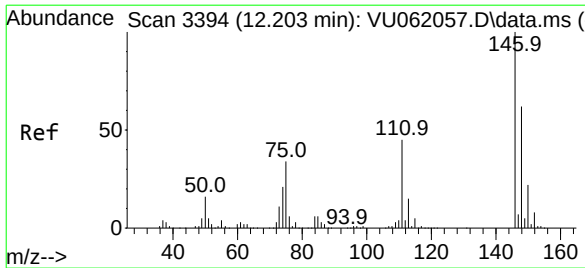
Delta R.T. 0.003 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

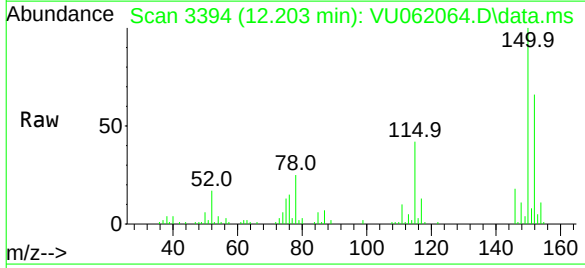
Tgt	Ion:146	Resp:	5766
Ion	Ratio	Lower	Upper
146	100		
111	41.4	29.4	54.6
148	69.8	44.6	82.8





#67
1,2-Dichlorobenzene
Concen: 2.528 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

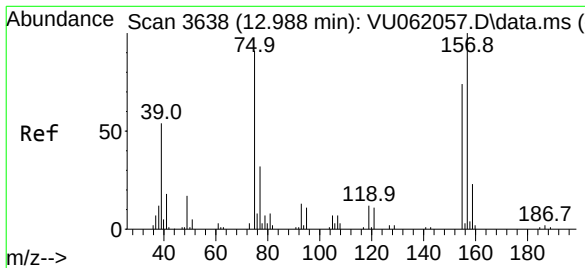
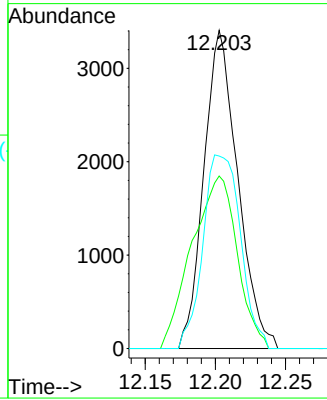
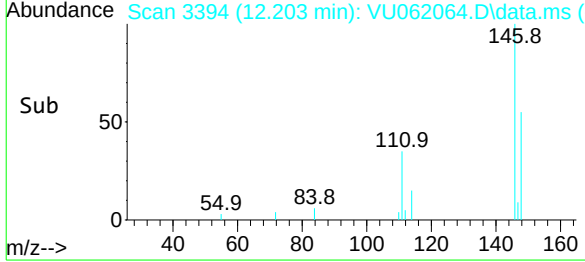
Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT4-2024-07



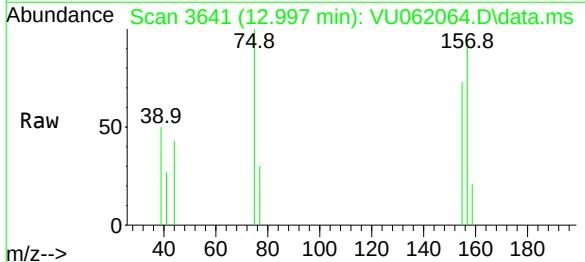
Tgt Ion: 146 Resp: 5715
Ion Ratio Lower Upper
146 100
111 50.1 36.1 54.1
148 55.9 49.8 74.6

Manual Integrations
APPROVED

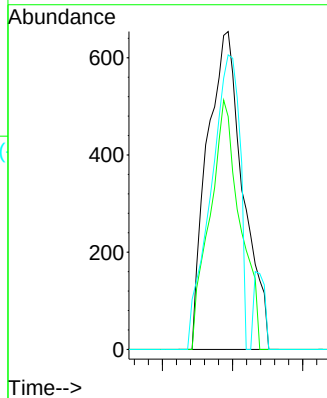
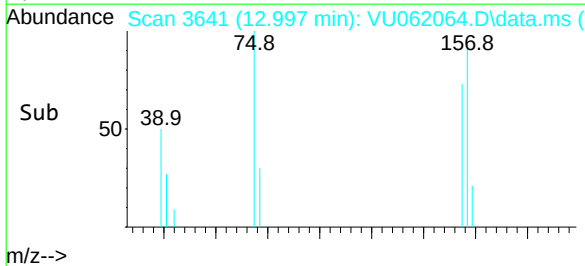
Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024

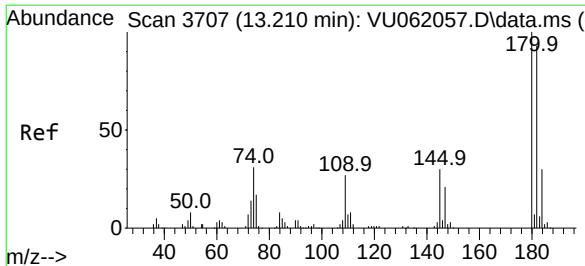


#68
1,2-Dibromo-3-chloropropane
Concen: 2.741 ug/L
RT: 12.997 min Scan# 3641
Delta R.T. 0.009 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18



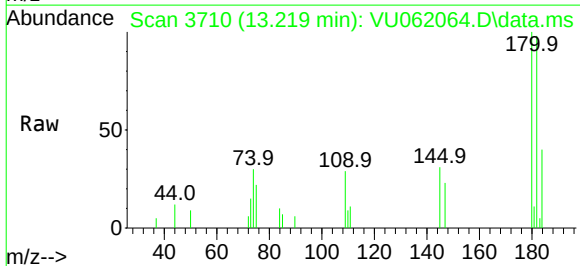
Tgt Ion: 75 Resp: 1161
Ion Ratio Lower Upper
75 100
155 73.2 65.1 97.7
157 92.7 91.2 136.8





#69
1,3,5-Trichlorobenzene
Concen: 2.138 ug/L
RT: 13.219 min Scan# 3707
Delta R.T. 0.009 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

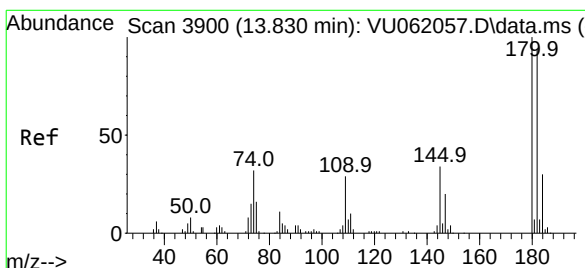
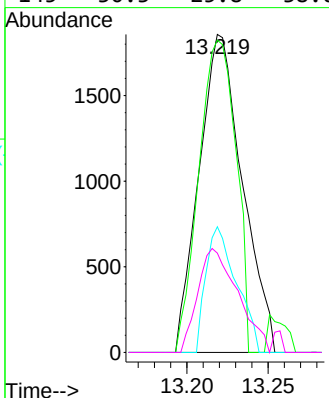
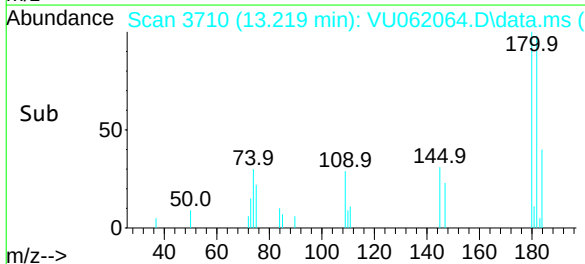
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



Tgt Ion:180 Resp: 3444
Ion Ratio Lower Upper
180 100
182 84.1 74.6 112.0
184 27.9 24.2 36.2
145 30.3 25.8 38.6

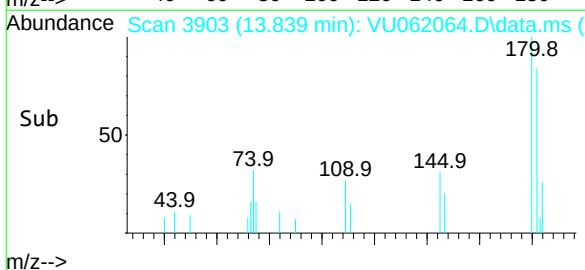
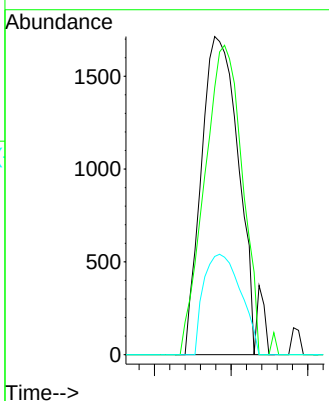
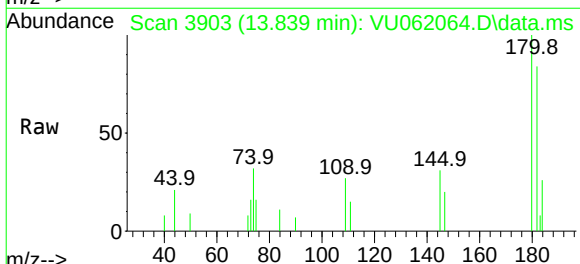
Manual Integrations
APPROVED

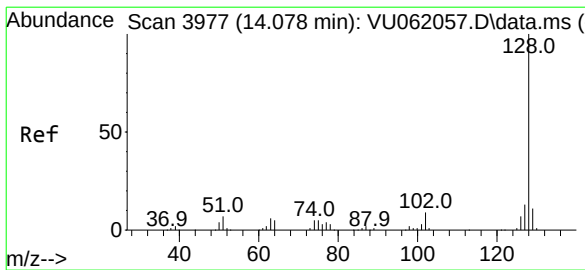
Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024



#70
1,2,4-trichlorobenzene
Concen: 2.165 ug/L m
RT: 13.839 min Scan# 3903
Delta R.T. 0.009 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Tgt Ion:180 Resp: 2978
Ion Ratio Lower Upper
180 100
182 95.4 76.6 114.8
145 30.5 27.1 40.7





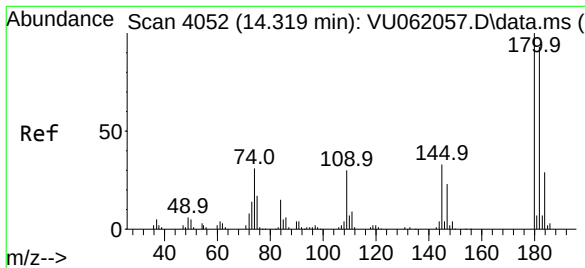
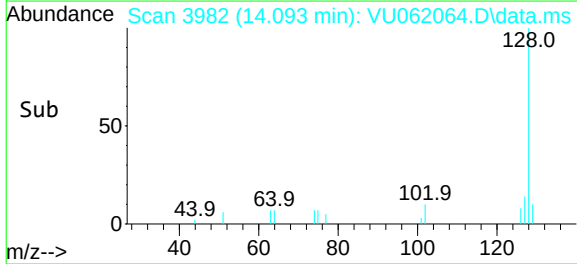
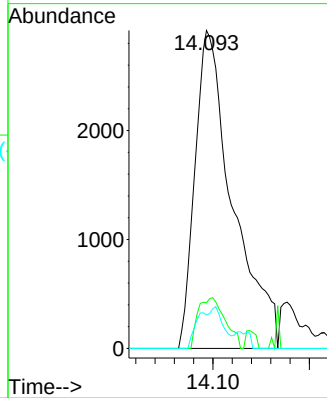
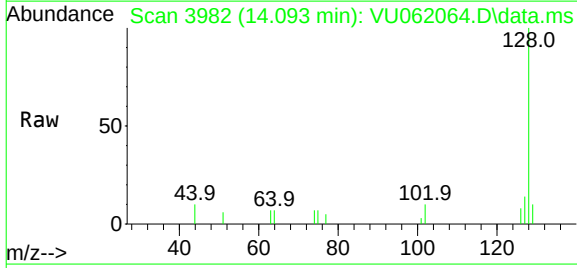
#71
Naphthalene
Concen: 2.117 ug/L
RT: 14.093 min Scan# 3977
Delta R.T. 0.016 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion:	128	Resp:	7891
Ion Ratio	Lower	Upper	
128	100		
127	4.3	10.3	15.5#
129	3.7	8.5	12.7#

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024



#72
1,2,3-Trichlorobenzene
Concen: 2.297 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.009 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Tgt Ion:	180	Resp:	3050
Ion Ratio	Lower	Upper	
180	100		
182	89.8	75.8	113.6
145	29.9	27.4	41.0

