

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050924\
 Data File : VX041434.D
 Acq On : 09 May 2024 15:06
 Operator : JC/MD
 Sample : P2409-05
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT2-2024-03

Quant Time: May 09 23:55:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML050924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 23:24:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 05/10/2024

Supervised By :Mahesh
 Dadoda
 05/10/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	222629	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	222807	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	119404	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	71474	56.606	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 113.220%			
7) Chloroethane-d5	1.648	69	54513	58.845	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 117.700%			
11) 1,1-Dichloroethene-d2	2.294	65	37052	58.305	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 116.600%			
21) 2-Butanone-d5	4.459	46	134625	143.014	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 143.010%#			
24) Chloroform-d	5.056	84	162862	58.329	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.660%			
26) 1,2-Dichloroethane-d4	5.952	65	115809	57.657	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.320%			
32) Benzene-d6	5.964	84	332809	54.677	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.360%			
36) 1,2-Dichloropropane-d6	7.306	67	99622	55.082	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.160%			
41) Toluene-d8	8.647	98	306361	48.731	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.460%			
43) trans-1,3-Dichloroprop...	8.952	79	44077	48.645	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.300%			
47) 2-Hexanone-d5	9.384	63	96573	114.590	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.590%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	151388	53.189	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.380%			
66) 1,2-Dichlorobenzene-d4	12.317	152	132754	54.412	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	3836	2.503	ug/L	93
3) Chloromethane	1.294	50	3444	2.634	ug/L	94
5) Vinyl chloride	1.374	62	3595	2.670	ug/L #	43
6) Bromomethane	1.599	94	2604	2.775	ug/L	97
8) Chloroethane	1.666	64	2429	3.151	ug/L	98
9) Trichlorofluoromethane	1.868	101	5953	2.511	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	4907	3.370	ug/L #	83
12) 1,1-Dichloroethene	2.306	96	4088	3.160	ug/L #	1
13) Acetone	2.386	43	5024	5.198	ug/L	99
14) Carbon disulfide	2.502	76	7311	2.345	ug/L	96
15) Methyl Acetate	2.709	43	4757	2.916	ug/L	100
16) Methylene chloride	2.782	84	5242	3.652	ug/L	90
17) trans-1,2-Dichloroethene	3.087	96	3312	2.492	ug/L	93
18) Methyl tert-butyl Ether	3.117	73	12086	2.665	ug/L	100
19) 1,1-Dichloroethane	3.611	63	6318	2.567	ug/L	93
20) cis-1,2-Dichloroethene	4.489	96	3989	2.600	ug/L	99
22) 2-Butanone	4.580	43	6796m	5.632	ug/L	
23) Bromochloromethane	4.897	128	2101m	2.573	ug/L	
27) 1,2-Dichloroethane	6.098	62	6269	2.831	ug/L	97

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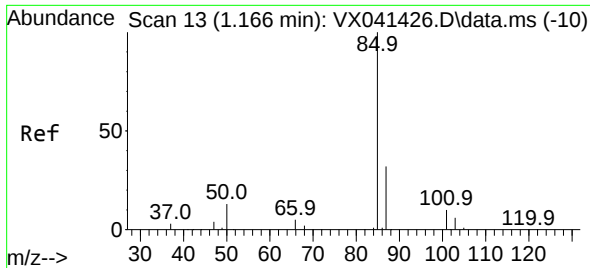
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 05/10/2024

Supervised By :Mahesh
 Dadoda
 05/10/2024

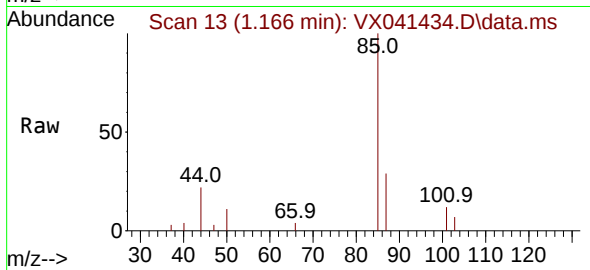
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
29) Cyclohexane	5.464	56	5472	2.209	ug/L	#	71
30) 1,1,1-Trichloroethane	5.385	97	5655m	2.156	ug/L		
31) Carbon tetrachloride	5.678	117	4682	2.011	ug/L		100
33) Benzene	6.031	78	14467	2.321	ug/L		100
35) Methylcyclohexane	7.373	83	5935	2.243	ug/L		98
37) 1,2-Dichloropropane	7.428	63	3678	2.343	ug/L	#	94
38) Bromodichloromethane	7.824	83	4220	1.989	ug/L	#	91
39) cis-1,3-Dichloropropene	8.366	75	5881	2.262	ug/L		97
40) 4-Methyl-2-pentanone	8.580	43	10528	4.167	ug/L		100
42) Toluene	8.720	91	15591	2.292	ug/L		94
44) trans-1,3-Dichloropropene	8.976	75	4824	1.990	ug/L		95
45) 1,1,2-Trichloroethane	9.153	97	3967	2.285	ug/L		92
46) Tetrachloroethene	9.275	164	3572	2.186	ug/L		98
48) 2-Hexanone	9.433	43	8884	4.389	ug/L		96
49) Dibromochloromethane	9.519	129	3041	1.733	ug/L		98
50) 1,2-Dibromoethane	9.610	107	3485	1.930	ug/L		97
51) Chlorobenzene	10.079	112	10577	2.331	ug/L		97
52) Ethylbenzene	10.195	91	16315	2.186	ug/L		99
53) m,p-Xylene	10.305	106	6396	2.142	ug/L		97
54) o-Xylene	10.646	106	6532	2.147	ug/L		89
55) Styrene	10.659	104	9823	1.933	ug/L		96
57) 1,1,2,2-Tetrachloroethane	11.207	83	7649	2.656	ug/L	#	94
59) Bromoform	10.799	173	2908	2.081	ug/L	#	92
60) Isopropylbenzene	10.963	105	16314	2.239	ug/L		100
61) 1,2,3-Trichloropropane	11.238	75	5299	2.596	ug/L		98
62) 1,3,5-Trimethylbenzene	11.451	105	10367	2.106	ug/L		97
63) 1,2,4-Trimethylbenzene	11.750	105	11008	1.846	ug/L		95
64) 1,3-Dichlorobenzene	11.969	146	8590	2.318	ug/L		97
67) 1,2-Dichlorobenzene	12.335	146	9107	2.373	ug/L		95
68) 1,2-Dibromo-3-chloropr...	12.945	75	1244	2.265	ug/L		88
69) 1,3,5-Trichlorobenzene	13.116	180	6158	2.226	ug/L		98
70) 1,2,4-trichlorobenzene	13.591	180	5492	2.174	ug/L		99
71) Naphthalene	13.780	128	15506	2.057	ug/L		99
72) 1,2,3-Trichlorobenzene	13.963	180	5970	2.267	ug/L		94

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



#2
Dichlorodifluoromethane
Concen: 2.503 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03

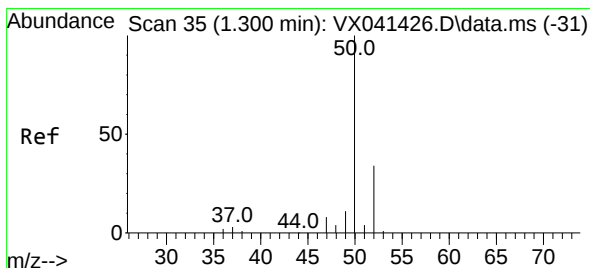
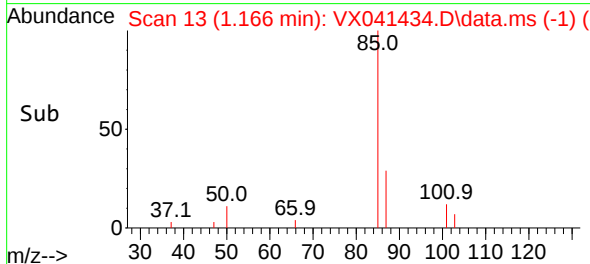
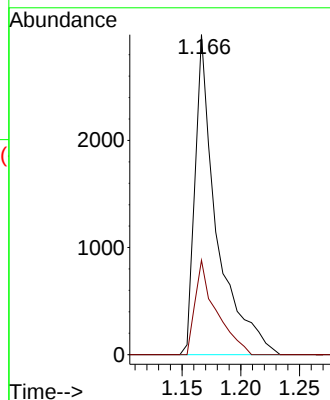


Tgt Ion: 85 Resp: 3830
Ion Ratio Lower Upper
85 100
87 28.6 26.2 39.2

Manual Integrations
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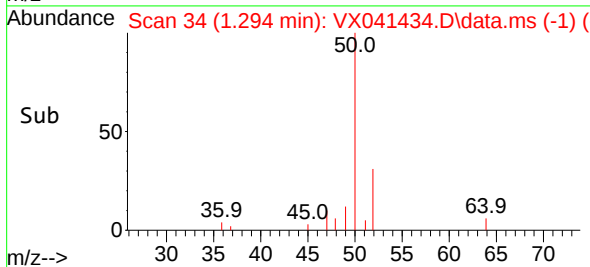
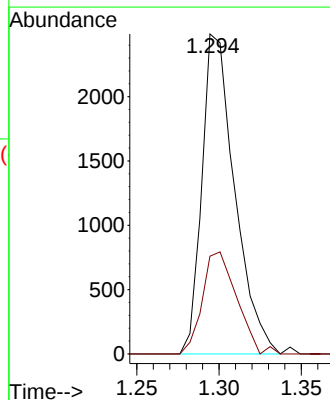
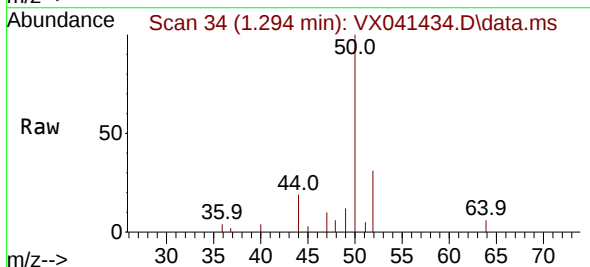
Reviewed By :John
Carlone
05/10/2024

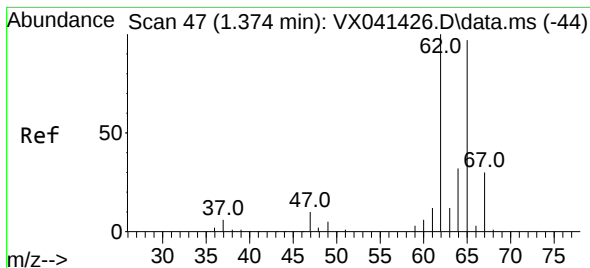
Supervised By :Mahesh
Dadoda
05/10/2024



#3
Chloromethane
Concen: 2.634 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

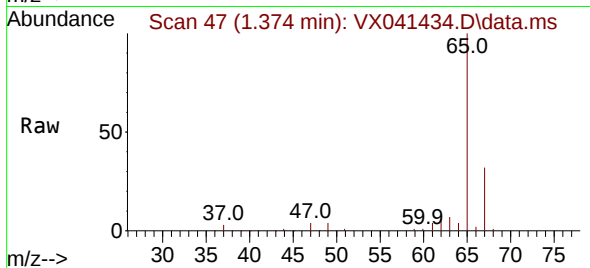
Tgt Ion: 50 Resp: 3444
Ion Ratio Lower Upper
50 100
52 30.5 23.7 44.1





#5
 Vinyl chloride
 Concen: 2.670 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX041434.D
 Acq: 09 May 2024 15:06

Instrument : MSVOA_X
 ClientSampleId : MDL-MED-SOIL-QT2-2024-03

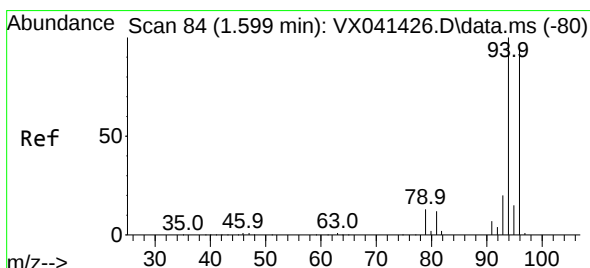
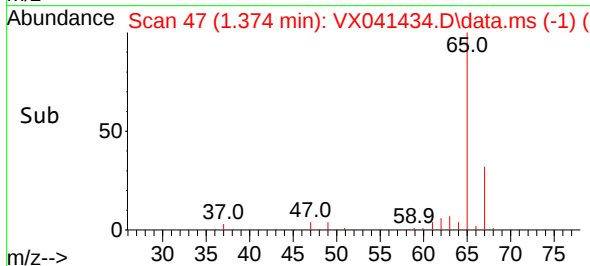
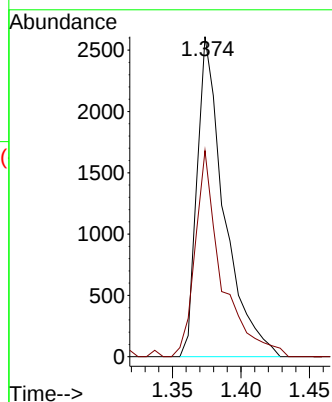


Tgt Ion: 62 Resp: 359
 Ion Ratio Lower Upper
 62 100
 64 64.4 22.7 42.1

Manual Integrations
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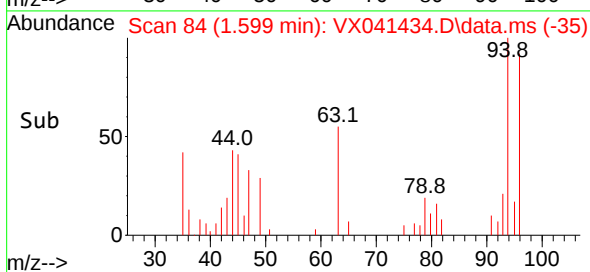
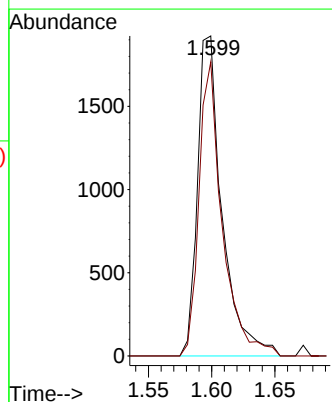
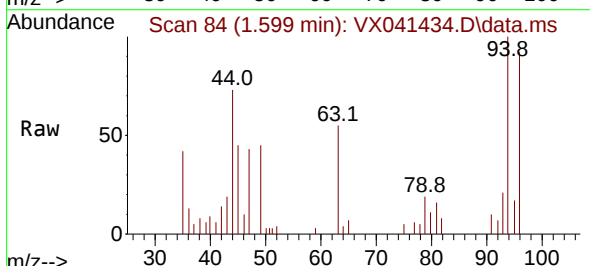
Reviewed By :John
 Carlone
 05/10/2024

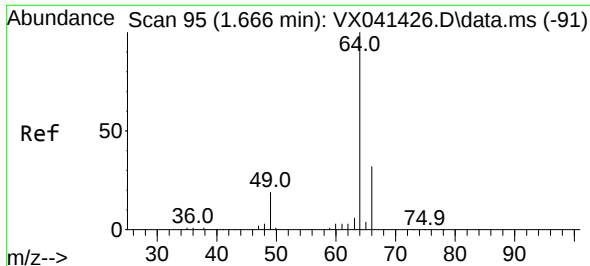
Supervised By :Mahesh
 Dadoda
 05/10/2024



#6
 Bromomethane
 Concen: 2.775 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX041434.D
 Acq: 09 May 2024 15:06

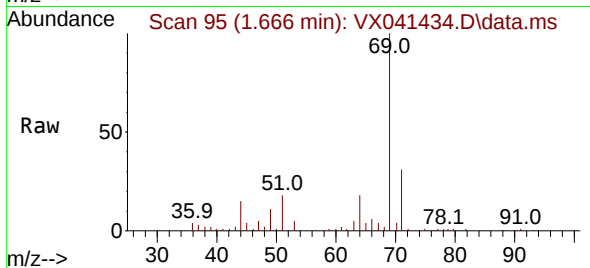
Tgt Ion: 94 Resp: 2604
 Ion Ratio Lower Upper
 94 100
 96 91.9 66.6 123.8





#8
Chloroethane
Concen: 3.151 ug/L
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03

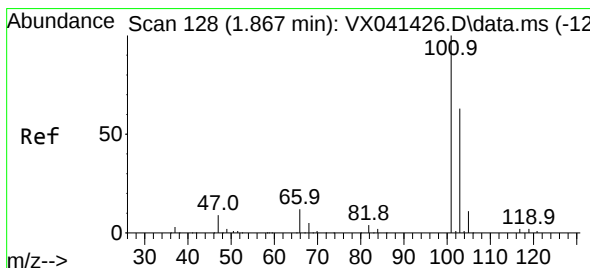
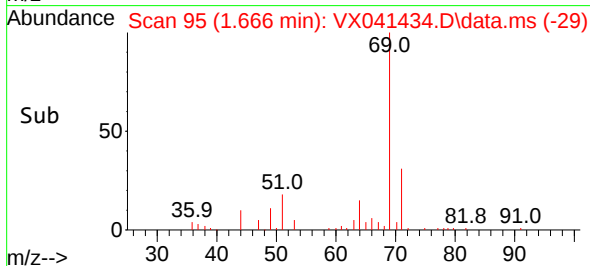
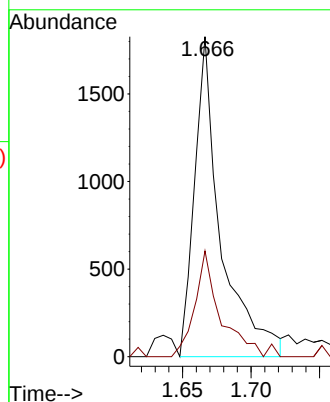


Tgt Ion: 64 Resp: 2429
Ion Ratio Lower Upper
64 100
66 33.1 22.5 41.9

Manual Integrations
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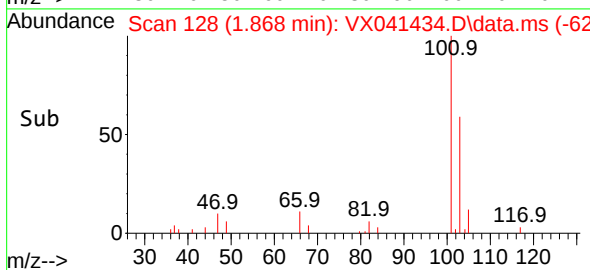
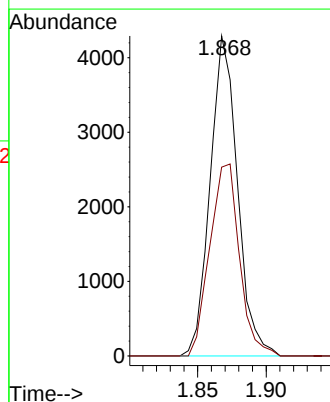
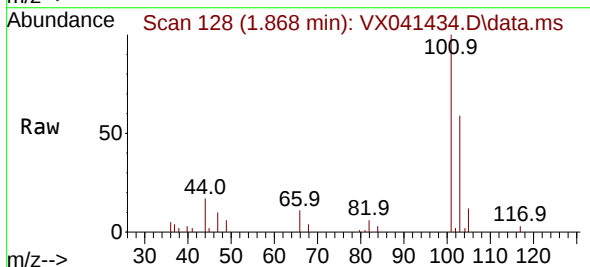
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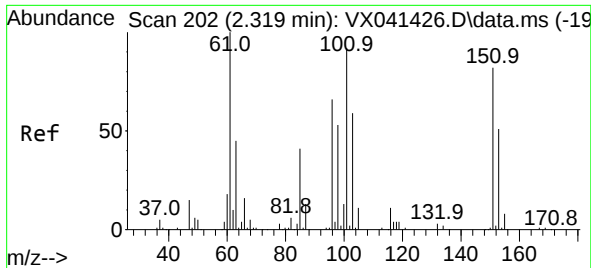
Supervised By :Mahesh
Dadoda
05/10/2024



#9
Trichlorofluoromethane
Concen: 2.511 ug/L
RT: 1.868 min Scan# 128
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Tgt Ion:101 Resp: 5953
Ion Ratio Lower Upper
101 100
103 65.1 51.7 77.5





#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.370 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX041434.D
 Acq: 09 May 2024 15:06

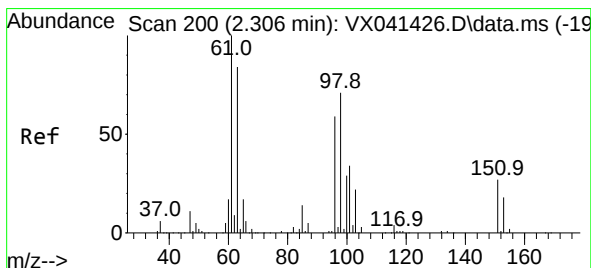
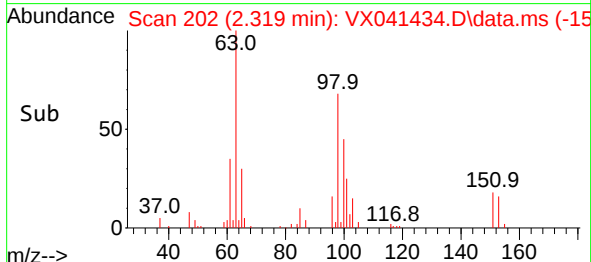
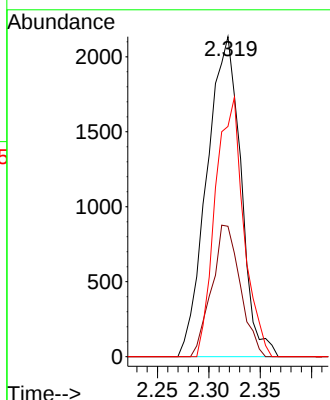
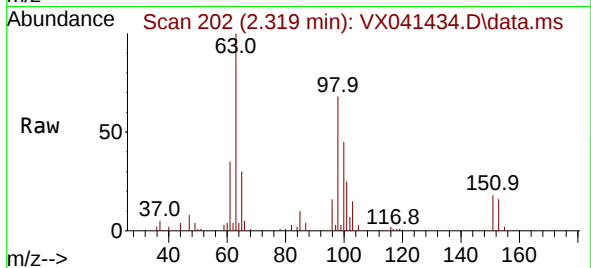
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT2-2024-03

Tgt Ion:101 Resp: 490
 Ion Ratio Lower Upper
 101 100
 85 34.4 33.4 50.2
 151 67.4 68.7 103.1

Manual Integrations
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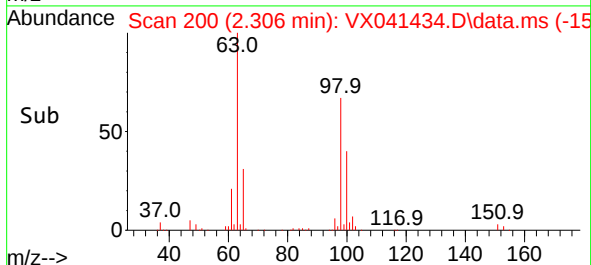
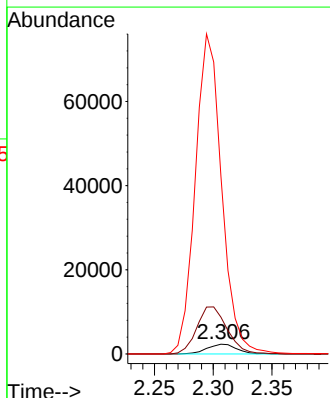
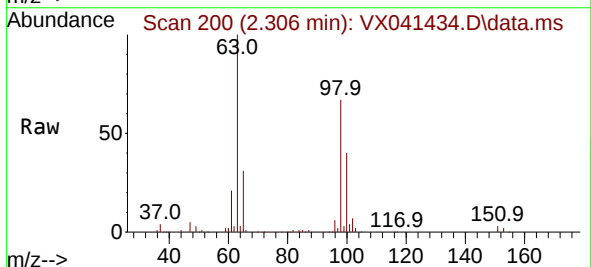
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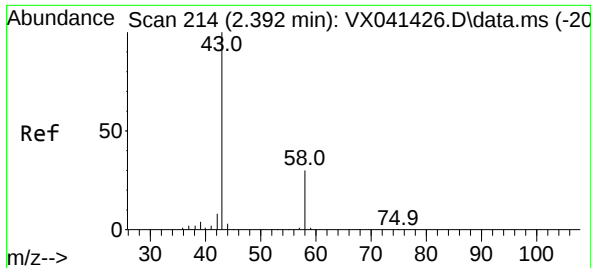
Supervised By :Mahesh
 Dadoda
 05/10/2024



#12
 1,1-Dichloroethene
 Concen: 3.160 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. 0.000 min
 Lab File: VX041434.D
 Acq: 09 May 2024 15:06

Tgt Ion: 96 Resp: 4088
 Ion Ratio Lower Upper
 96 100
 61 375.0 119.3 221.7#
 63 1810.3 100.0 185.8#





#13

Acetone

Concen: 5.198 ug/L

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT2-2024-03

Tgt Ion: 43 Resp: 5024
 Ion Ratio Lower Upper
 43 100
 58 28.6 0.0 58.0

Manual Integrations

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Reviewed By :John

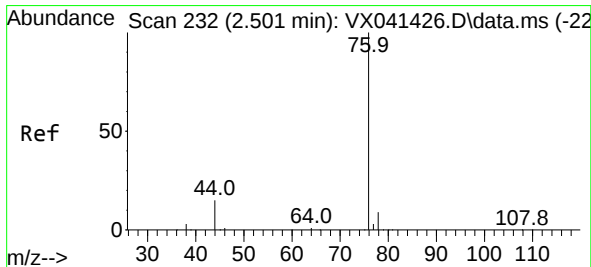
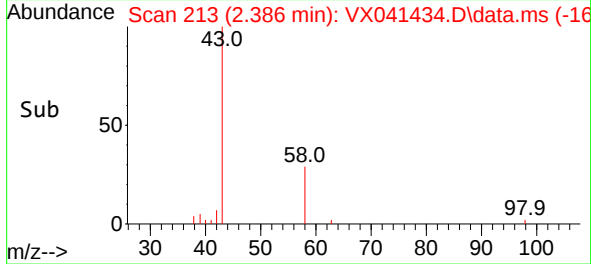
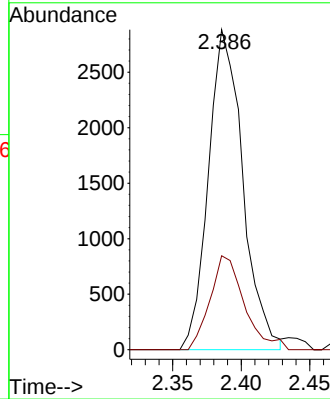
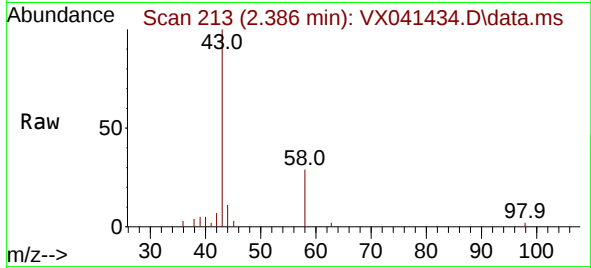
Carlone

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Supervised By :Mahesh

Dadoda

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#14

Carbon disulfide

Concen: 2.345 ug/L

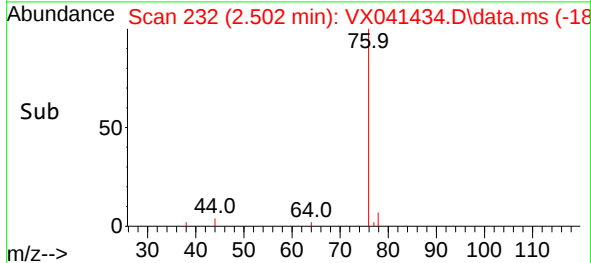
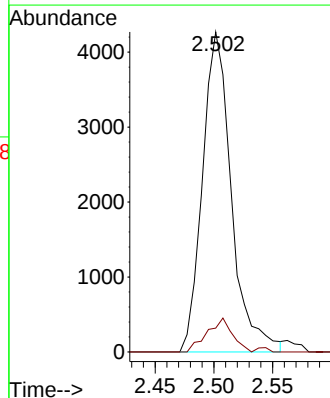
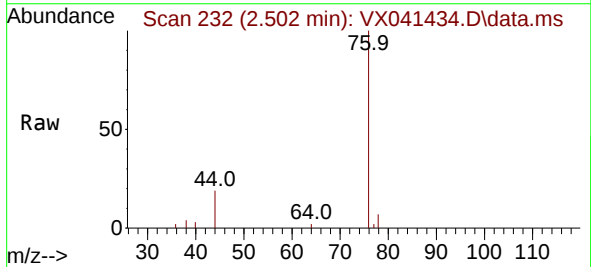
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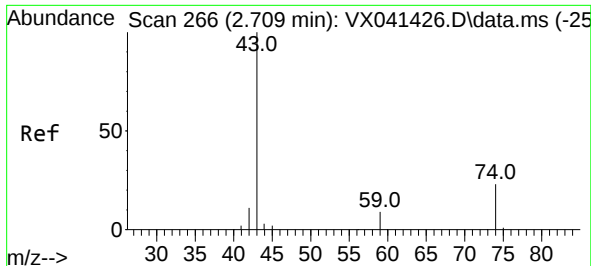
Delta R.T. 0.000 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

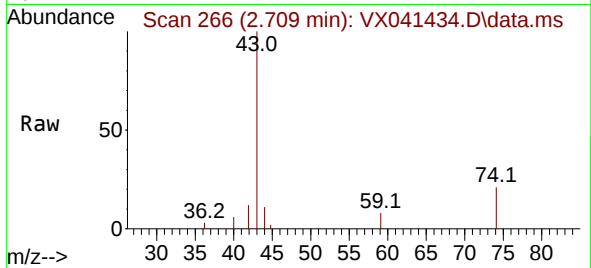
Tgt Ion: 76 Resp: 7311
 Ion Ratio Lower Upper
 76 100
 78 7.5 7.3 10.9





#15
Methyl Acetate
Concen: 2.916 ug/L
RT: 2.709 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

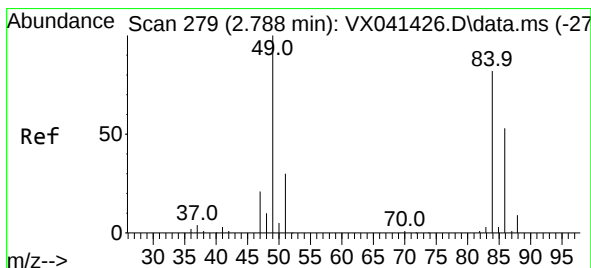
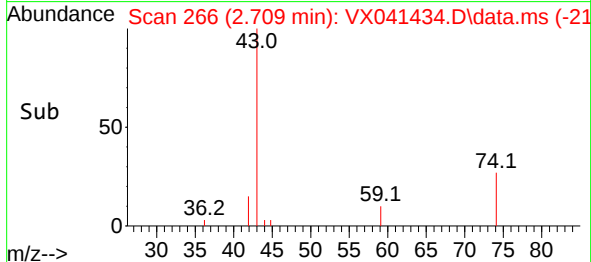
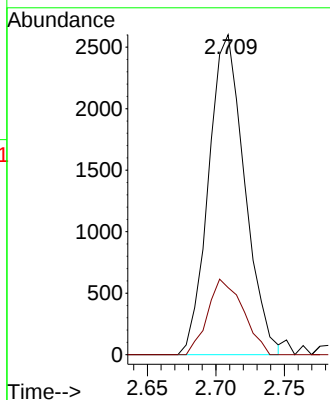


Tgt Ion: 43 Resp: 475
Ion Ratio Lower Upper
43 100
74 23.2 18.5 27.7

Manual Integrations
APPROVED

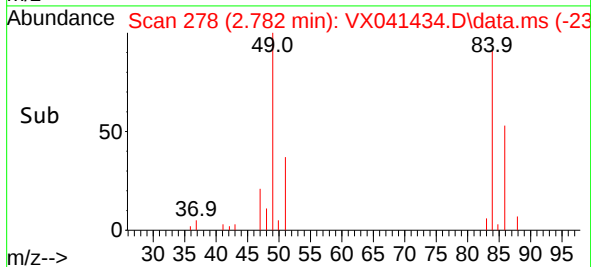
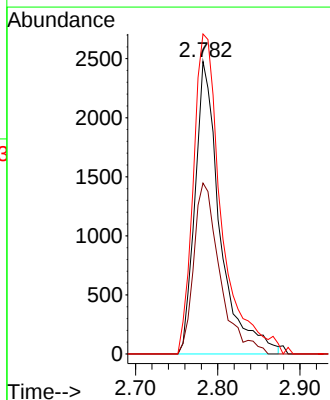
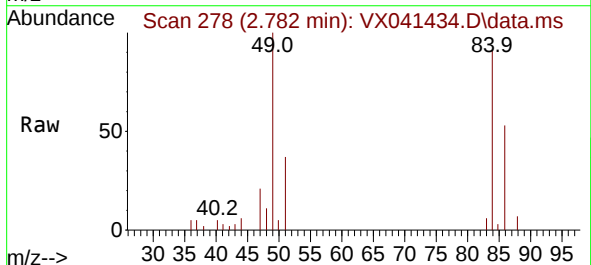
Reviewed By :John
Carlone
05/10/2024

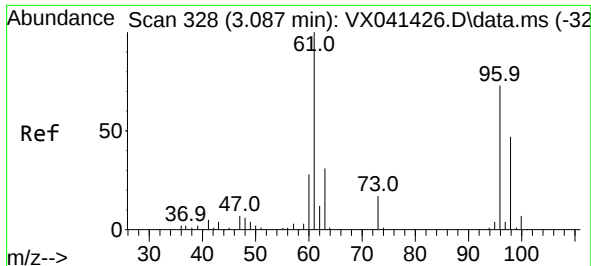
Supervised By :Mahesh
Dadoda
05/10/2024



#16
Methylene chloride
Concen: 3.652 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

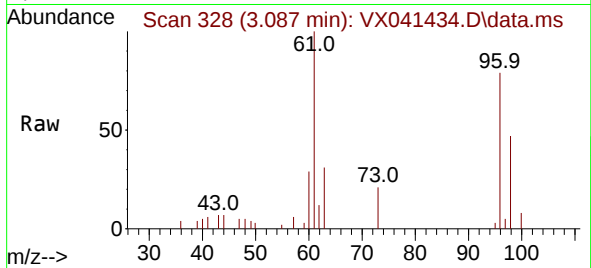
Tgt Ion: 84 Resp: 5242
Ion Ratio Lower Upper
84 100
86 58.4 44.9 83.5
49 109.4 85.5 158.7





#17
trans-1,2-Dichloroethene
Concen: 2.492 ug/L
RT: 3.087 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03

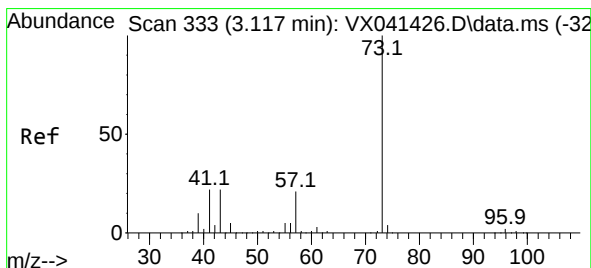
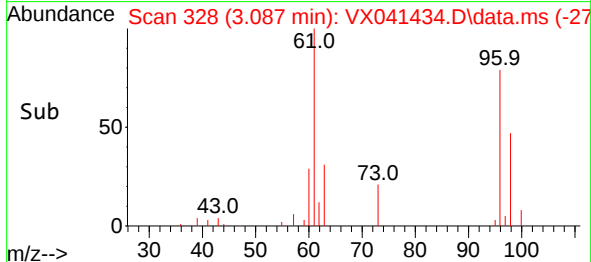
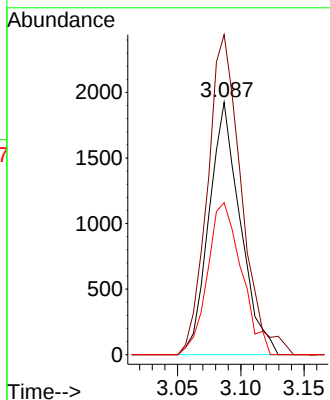


Tgt Ion: 96 Resp: 3312
Ion Ratio Lower Upper
96 100
61 126.8 95.8 177.8
98 60.2 44.9 83.5

Manual Integrations
APPROVED

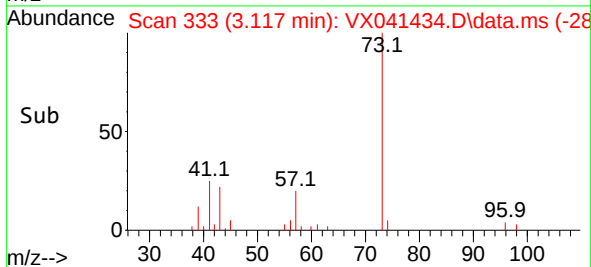
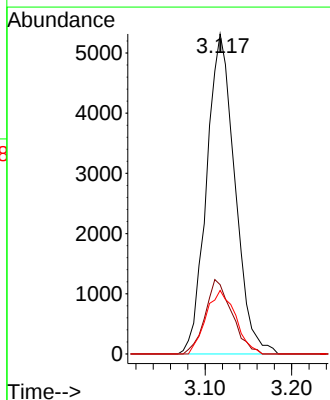
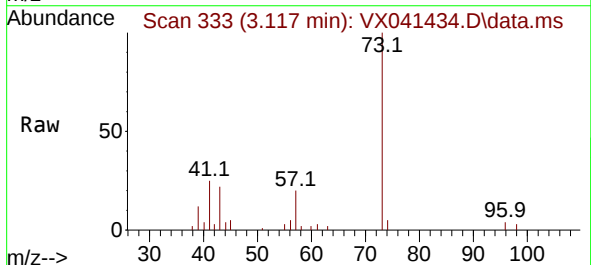
Reviewed By :John
Carlone
05/10/2024

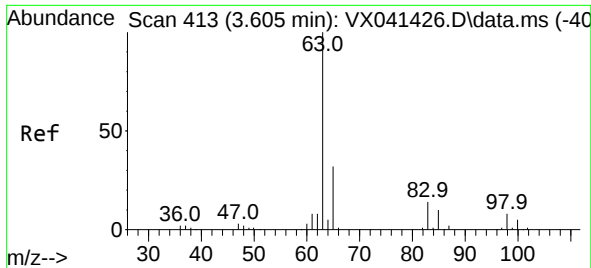
Supervised By :Mahesh
Dadoda
05/10/2024



#18
Methyl tert-butyl Ether
Concen: 2.665 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Tgt Ion: 73 Resp: 12086
Ion Ratio Lower Upper
73 100
43 22.0 17.4 26.0
57 20.7 16.7 25.1





#19

1,1-Dichloroethane

Concen: 2.567 ug/L

RT: 3.611 min Scan# 413

Delta R.T. 0.006 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT2-2024-03

Tgt Ion: 63	Resp: 6318
Ion Ratio	Lower Upper
63 100	
65 27.1	22.3 41.5
83 11.7	9.5 17.7

Manual Integrations

APPROVED

Reviewed By :John

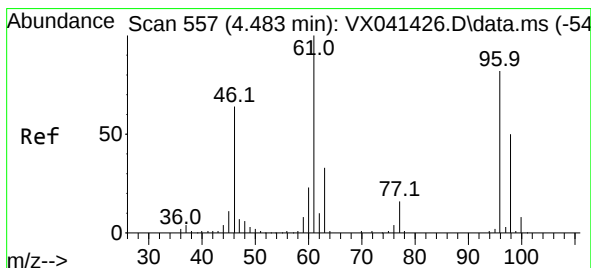
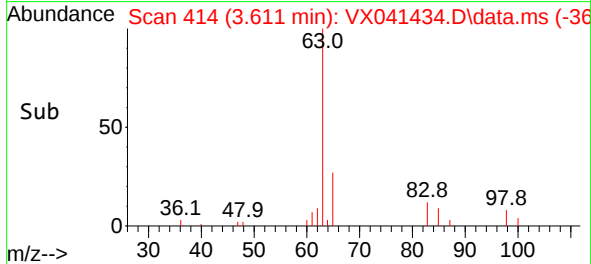
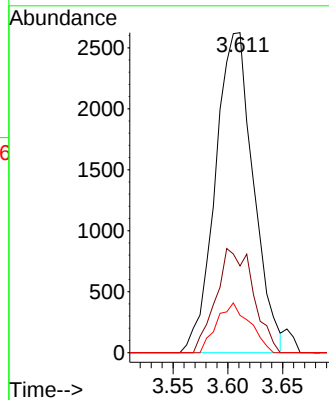
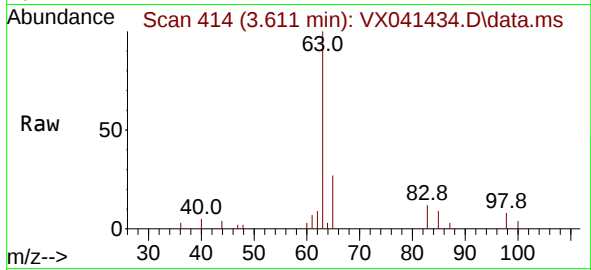
Carlone

05/10/2024

Supervised By :Mahesh

Dadoda

05/10/2024



#20

cis-1,2-Dichloroethene

Concen: 2.600 ug/L

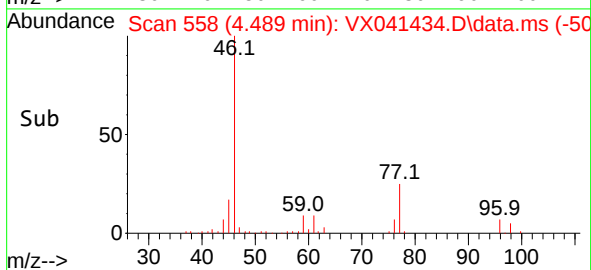
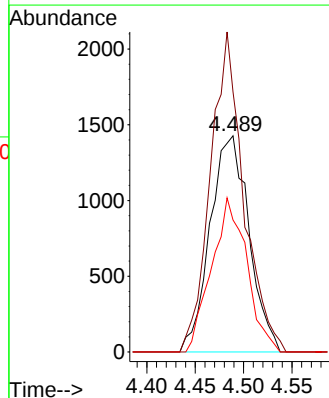
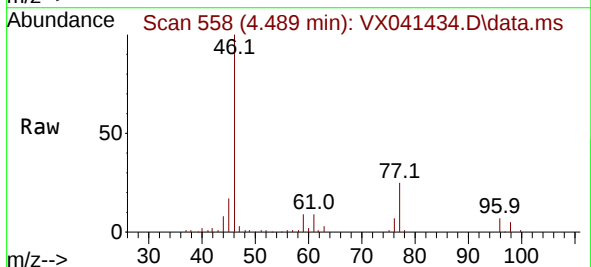
RT: 4.489 min Scan# 558

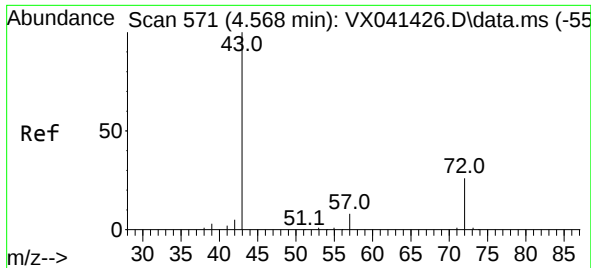
Delta R.T. 0.006 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Tgt Ion: 96	Resp: 3989
Ion Ratio	Lower Upper
96 100	
61 120.4	85.5 158.9
98 61.1	43.0 80.0





#22
2-Butanone
Concen: 5.632 ug/L m
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

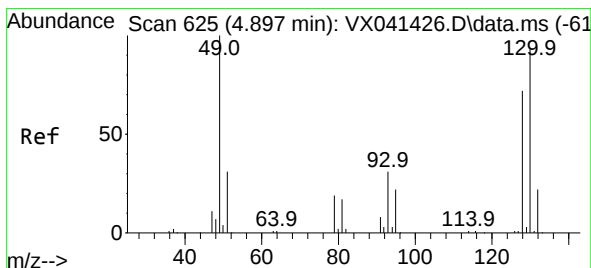
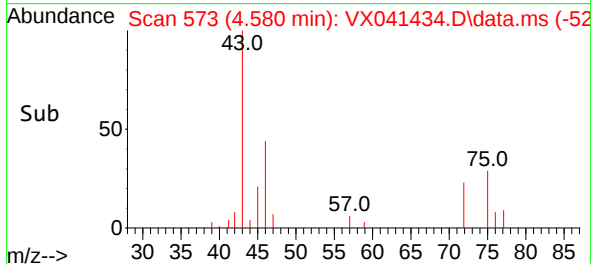
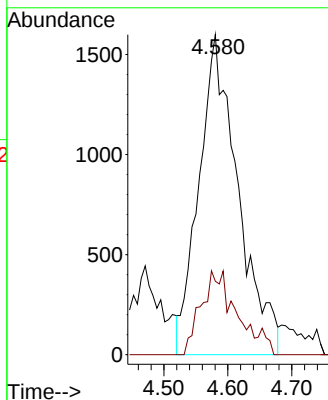
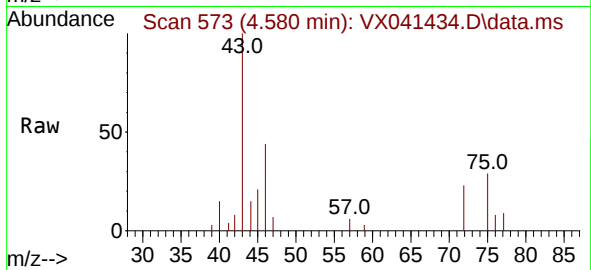
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03

Tgt Ion: 43 Resp: 6790
Ion Ratio Lower Upper
43 100
72 12.5 12.4 37.4

Manual Integrations
APPROVED

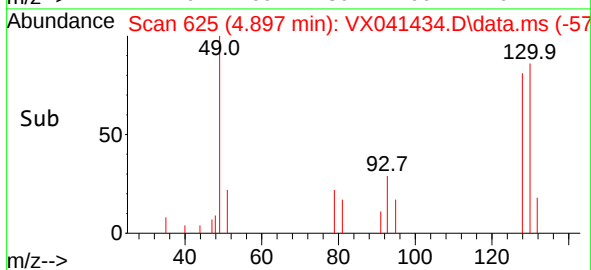
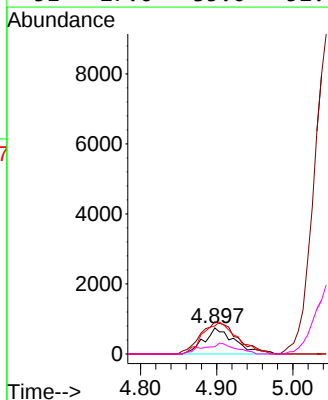
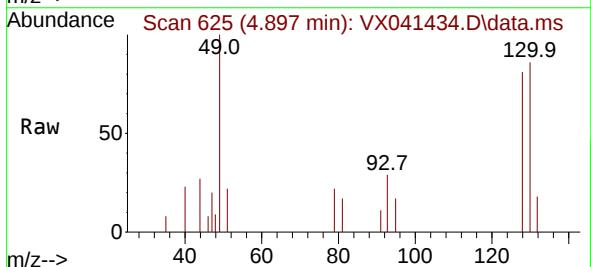
Reviewed By :John
Carlone
05/10/2024

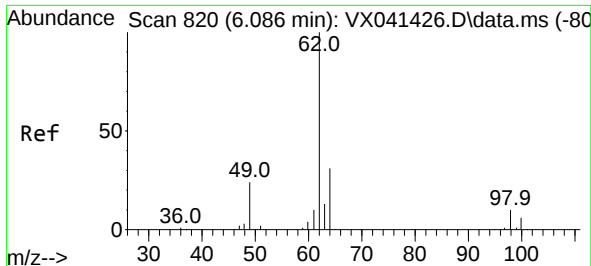
Supervised By :Mahesh
Dadoda
05/10/2024



#23
Bromochloromethane
Concen: 2.573 ug/L m
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

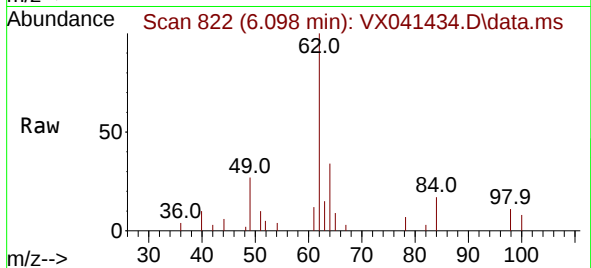
Tgt Ion:128 Resp: 2101
Ion Ratio Lower Upper
128 100
49 124.2 97.7 181.5
130 107.3 90.5 168.1
51 27.6 35.0 52.4#





#27
1,2-Dichloroethane
Concen: 2.831 ug/L
RT: 6.098 min Scan# 811
Delta R.T. 0.012 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03

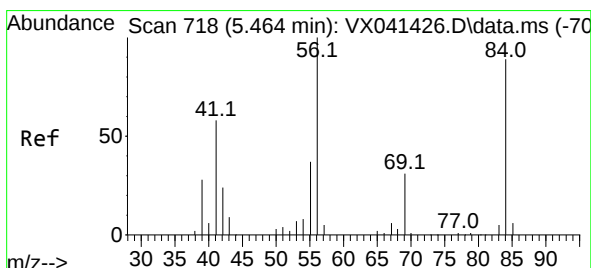
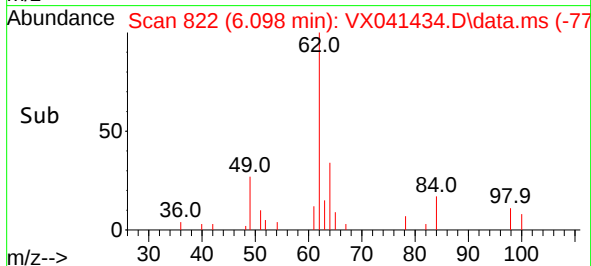
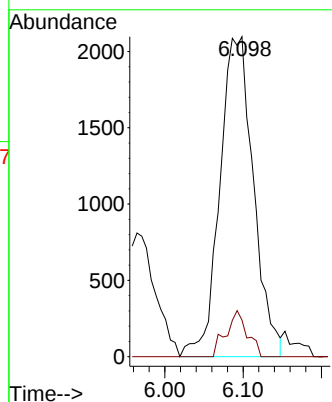


Tgt Ion: 62 Resp: 6269
Ion Ratio Lower Upper
62 100
98 11.4 8.2 12.2

Manual Integrations
APPROVED

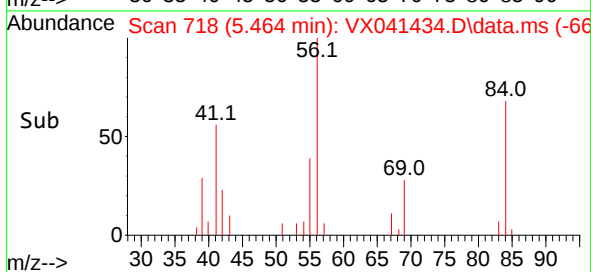
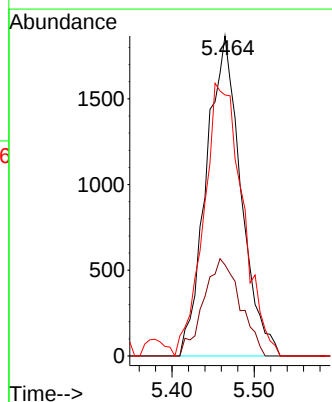
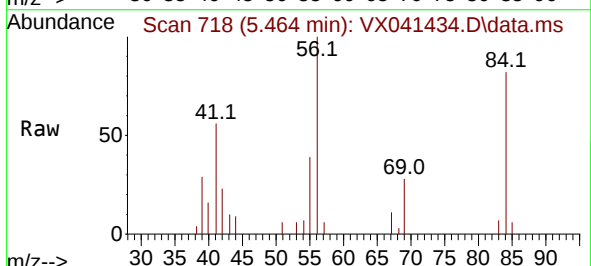
Reviewed By :John
Carlone
05/10/2024

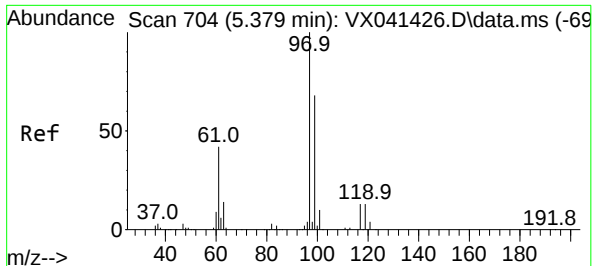
Supervised By :Mahesh
Dadoda
05/10/2024



#29
Cyclohexane
Concen: 2.209 ug/L
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

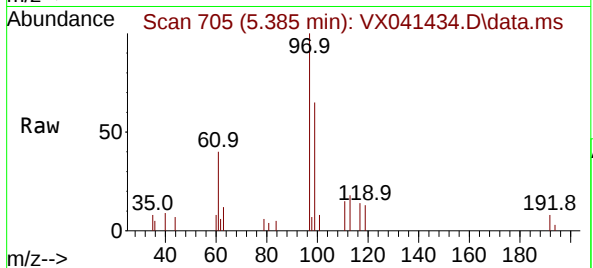
Tgt Ion: 56 Resp: 5472
Ion Ratio Lower Upper
56 100
69 30.6 25.0 37.6
84 55.3 73.3 109.9#





#30
1,1,1-Trichloroethane
Concen: 2.156 ug/L m
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03

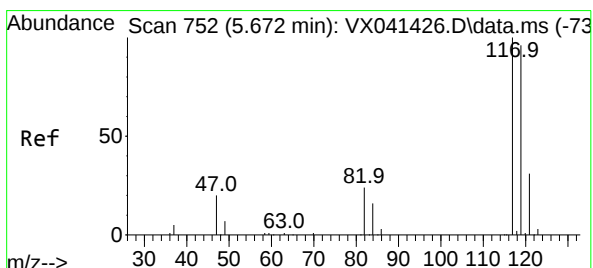
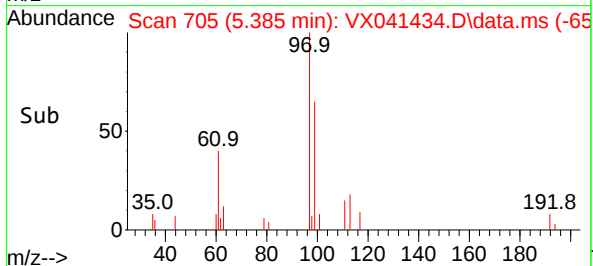
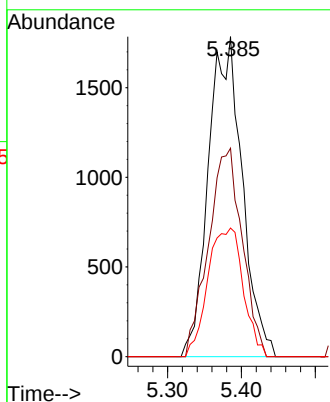


Tgt Ion: 97 Resp: 565
Ion Ratio Lower Upper
97 100
99 65.1 52.2 78.2
61 42.1 34.6 51.8

Manual Integrations
APPROVED

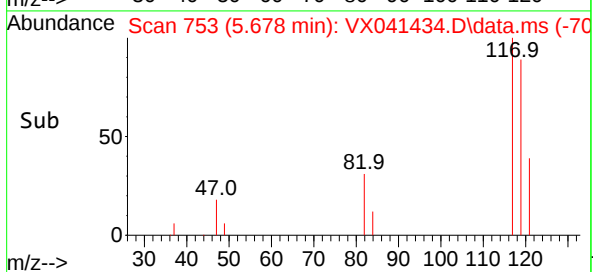
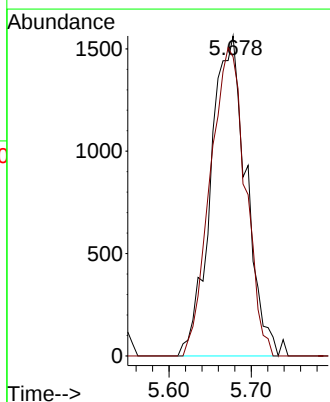
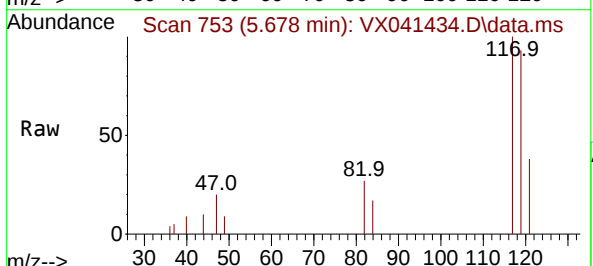
Reviewed By :John
Carlone
05/10/2024

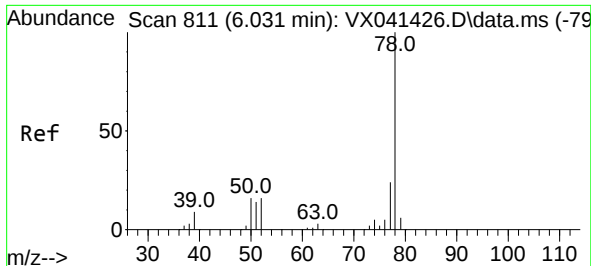
Supervised By :Mahesh
Dadoda
05/10/2024



#31
Carbon tetrachloride
Concen: 2.011 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Tgt Ion:117 Resp: 4682
Ion Ratio Lower Upper
117 100
119 95.8 76.3 114.5





#33
Benzene
Concen: 2.321 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

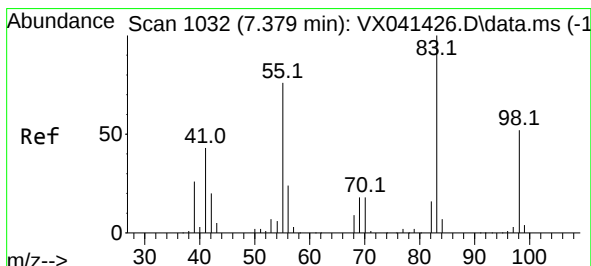
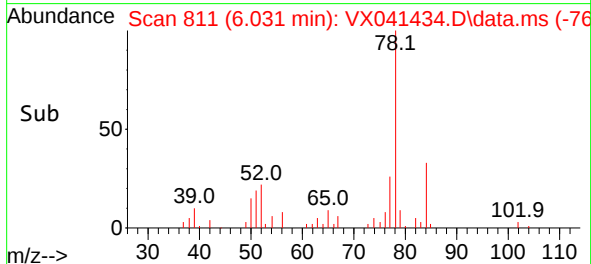
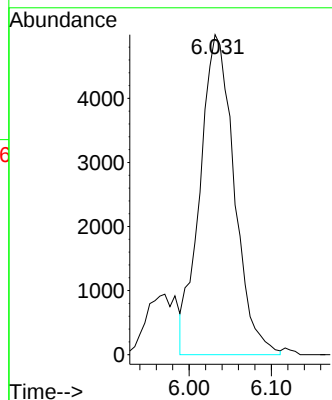
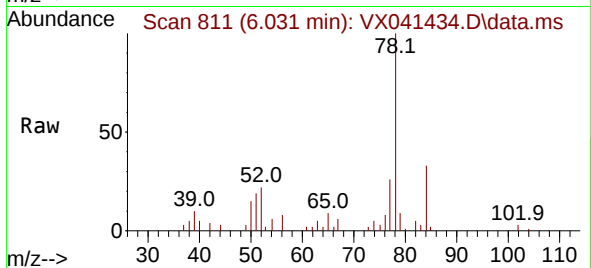
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03

Tgt Ion: 78 Resp: 1446

Manual Integrations
APPROVED

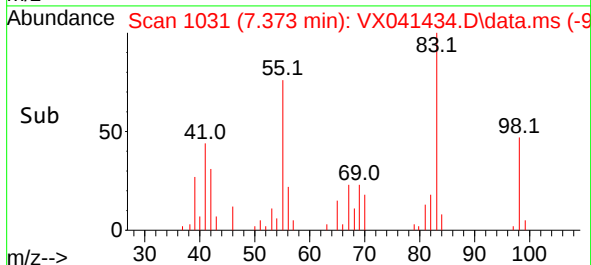
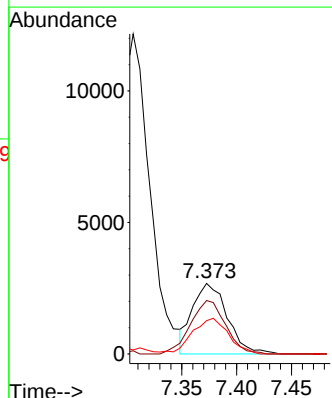
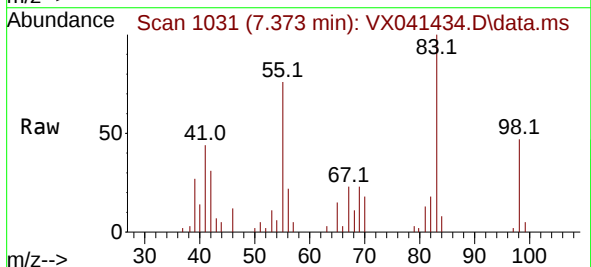
Reviewed By :John
Carlone
05/10/2024

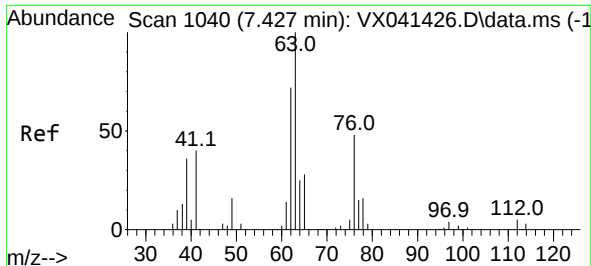
Supervised By :Mahesh
Dadoda
05/10/2024



#35
Methylcyclohexane
Concen: 2.243 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Tgt Ion: 83 Resp: 5935
Ion Ratio Lower Upper
83 100
55 76.0 59.0 88.4
98 51.2 40.8 61.2





#37

1,2-Dichloropropane

Concen: 2.343 ug/L

RT: 7.428 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT2-2024-03

Tgt Ion: 63 Resp: 3678
 Ion Ratio Lower Upper
 63 100
 112 3.3 4.1 6.1

Manual Integrations
 APPROVED

Reviewed By :John

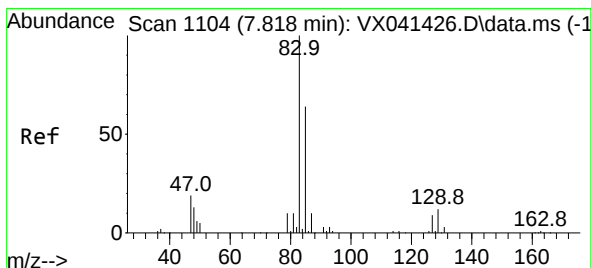
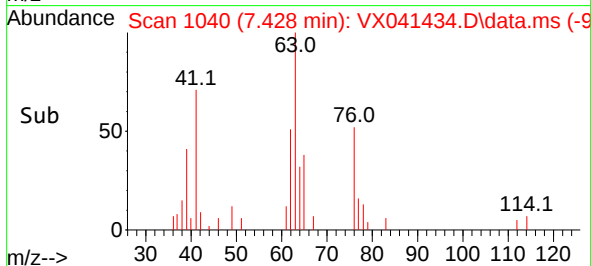
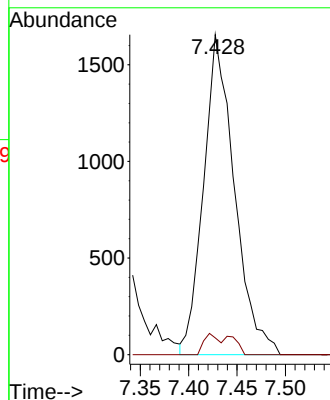
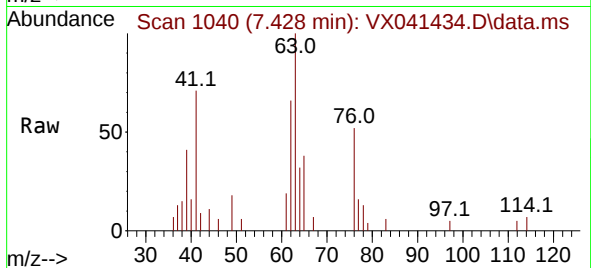
Carlone

05/10/2024

Supervised By :Mahesh

Dadoda

05/10/2024



#38

Bromodichloromethane

Concen: 1.989 ug/L

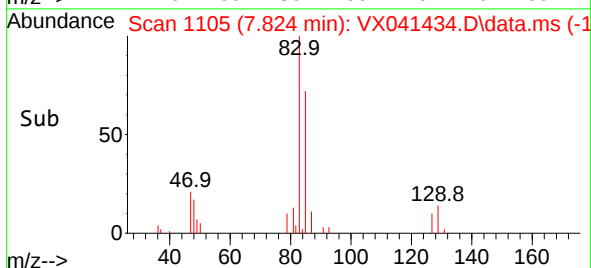
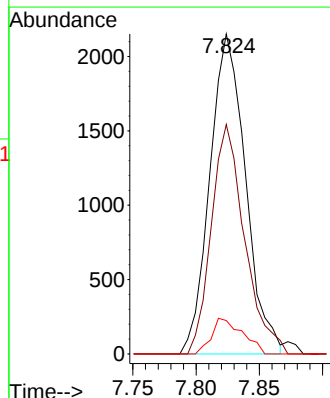
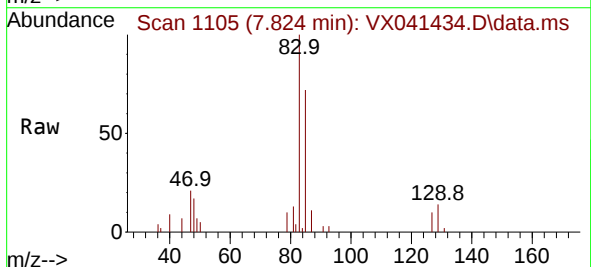
RT: 7.824 min Scan# 1105

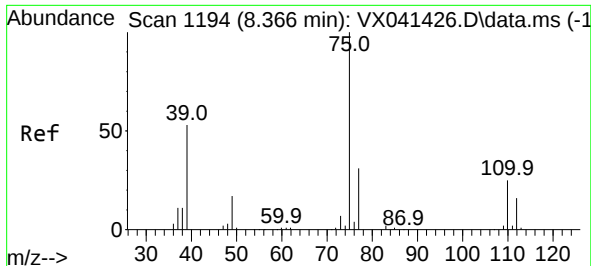
Delta R.T. 0.006 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Tgt Ion: 83 Resp: 4220
 Ion Ratio Lower Upper
 83 100
 85 71.7 44.7 83.1
 127 10.5 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 2.262 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT2-2024-03

Tgt Ion: 75 Resp: 588
 Ion Ratio Lower Upper
 75 100
 77 32.7 21.8 40.6

Manual Integrations

APPROVED

Reviewed By :John

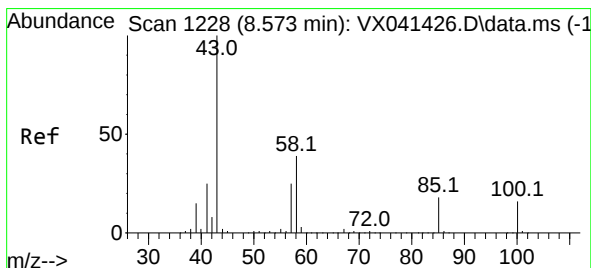
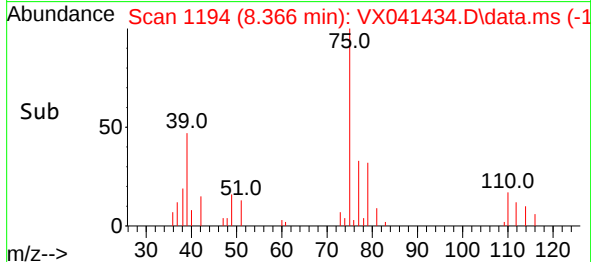
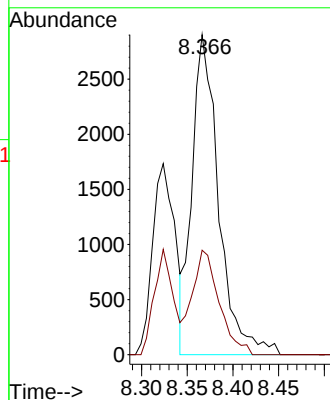
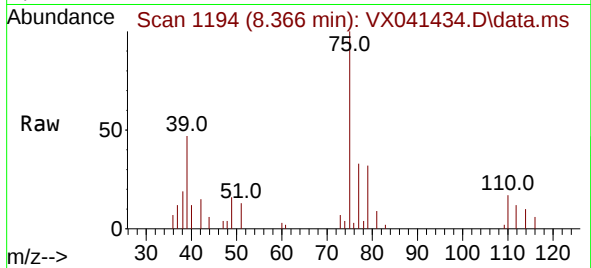
Carlone

05/10/2024

Supervised By :Mahesh

Dadoda

05/10/2024



#40

4-Methyl-2-pentanone

Concen: 4.167 ug/L

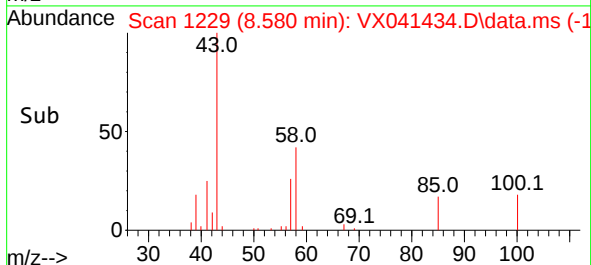
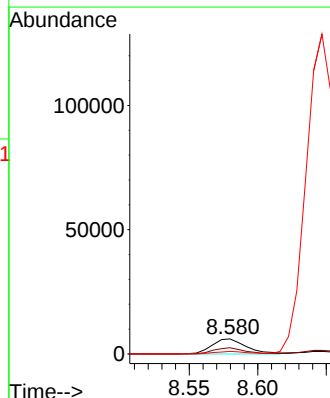
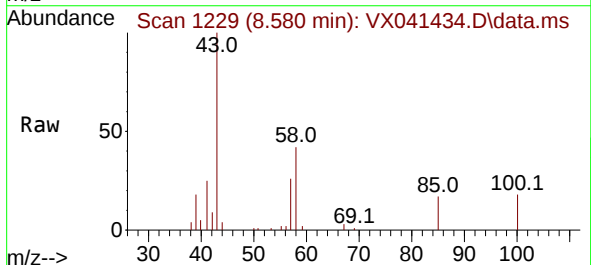
RT: 8.580 min Scan# 1229

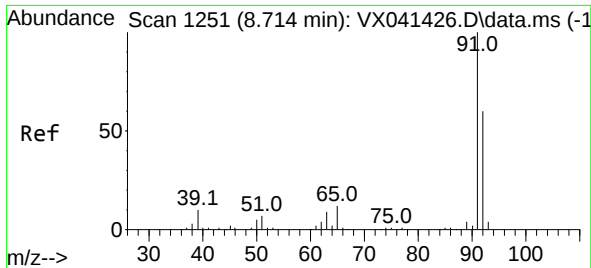
Delta R.T. 0.006 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Tgt Ion: 43 Resp: 10528
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.9 46.3
 100 17.0 13.6 20.4





#42

Toluene

Concen: 2.292 ug/L

RT: 8.720 min Scan# 1251

Delta R.T. 0.006 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT2-2024-03

Tgt Ion: 91 Resp: 1559

Ion Ratio Lower Upper

91 100

92 56.3 42.4 78.6

Manual Integrations

APPROVED

Reviewed By :John

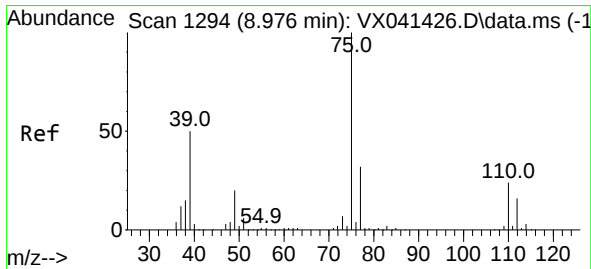
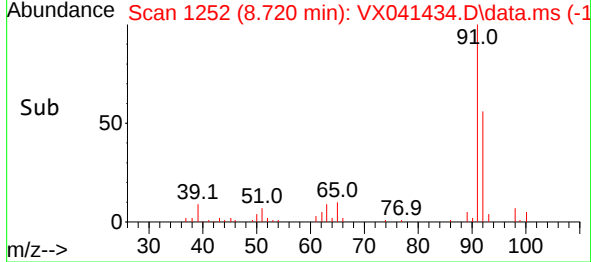
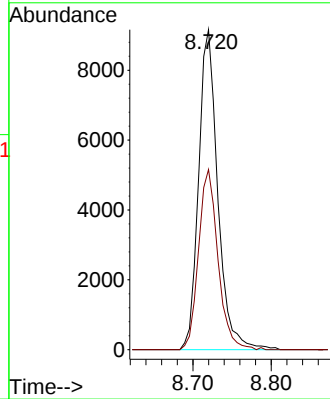
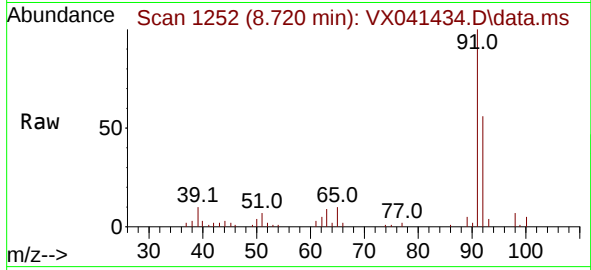
Carlone

05/10/2024

Supervised By :Mahesh

Dadoda

05/10/2024



#44

trans-1,3-Dichloropropene

Concen: 1.990 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041434.D

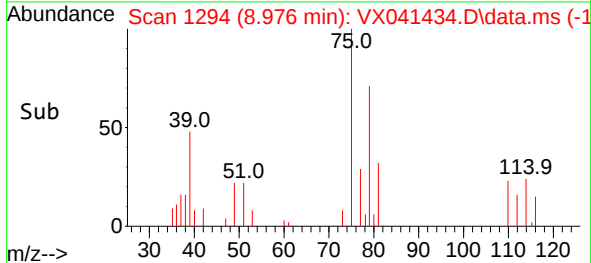
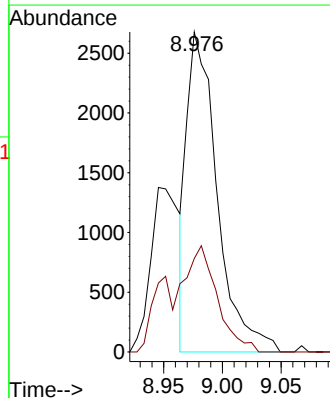
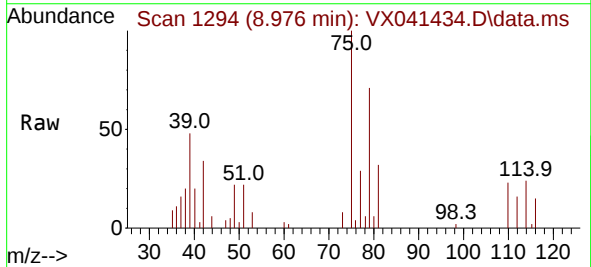
Acq: 09 May 2024 15:06

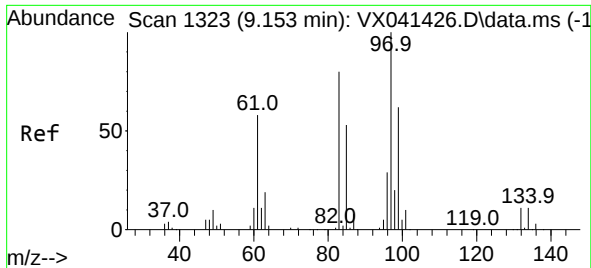
Tgt Ion: 75 Resp: 4824

Ion Ratio Lower Upper

75 100

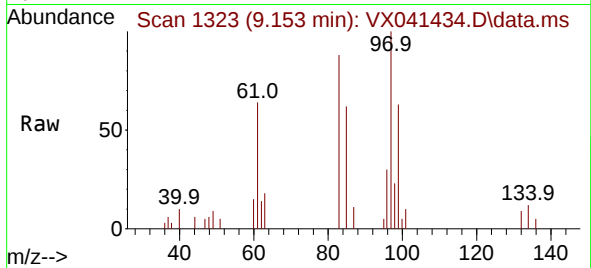
77 29.2 22.3 41.3





#45
1,1,2-Trichloroethane
Concen: 2.285 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

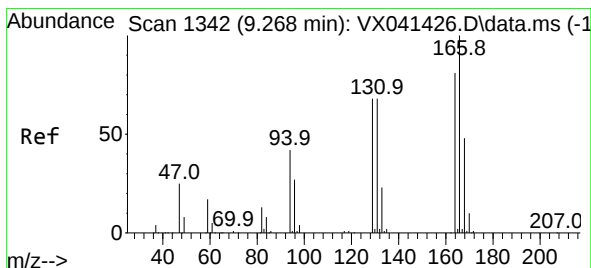
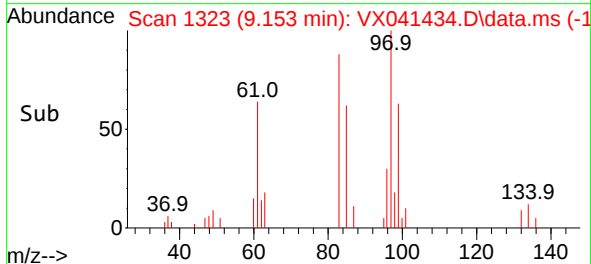
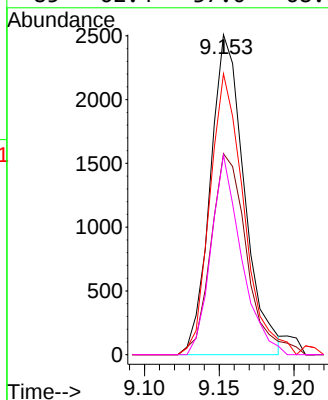


Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.4	80.6
83	87.8	56.1	104.3
85	62.4	37.0	68.6

Manual Integrations
APPROVED

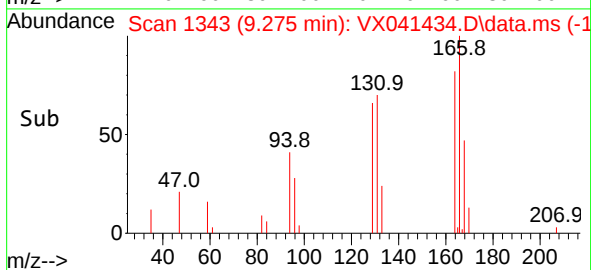
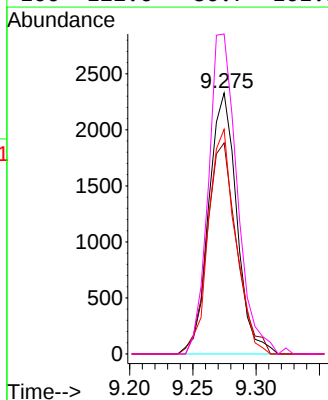
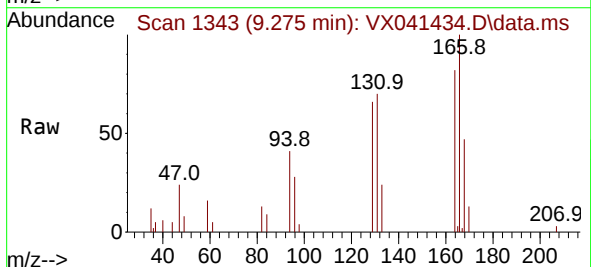
Reviewed By :John
Carlone
05/10/2024

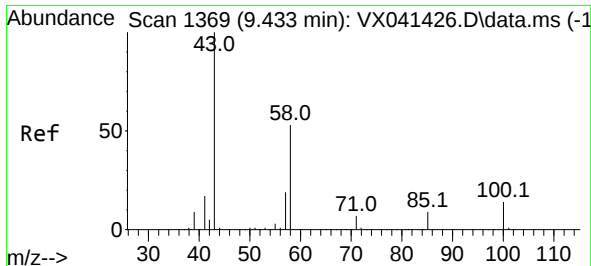
Supervised By :Mahesh
Dadoda
05/10/2024



#46
Tetrachloroethene
Concen: 2.186 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Tgt Ion	Ratio	Lower	Upper
164	100		
129	80.9	59.4	110.4
131	86.1	58.7	108.9
166	122.6	86.7	161.1





#48
2-Hexanone
Concen: 4.389 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

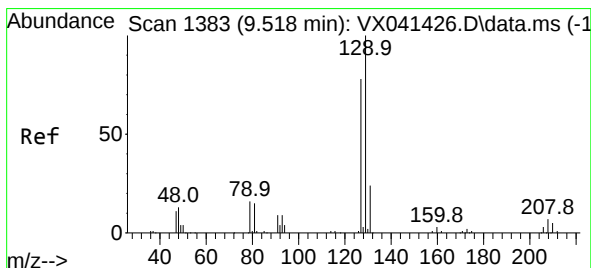
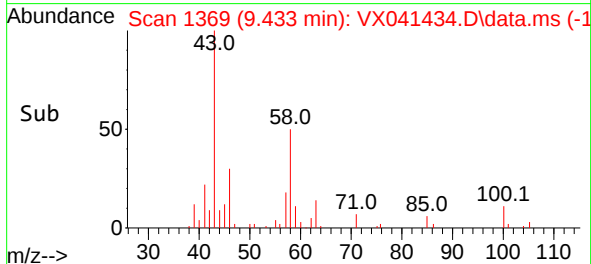
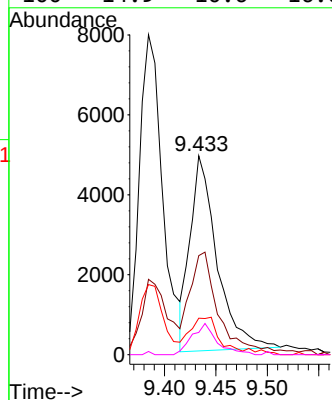
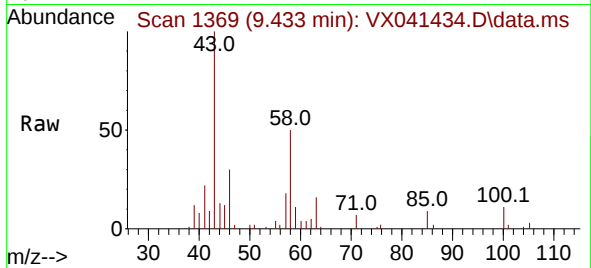
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

Tgt Ion: 43	Resp: 8884
Ion Ratio	Lower Upper
43 100	
58 56.2	42.3 63.5
57 18.9	15.1 22.7
100 14.9	10.6 16.0

Manual Integrations
APPROVED

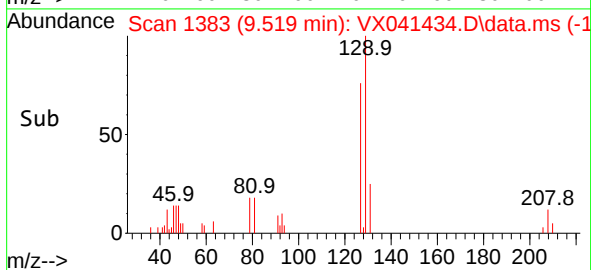
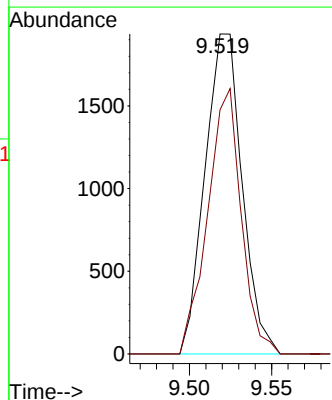
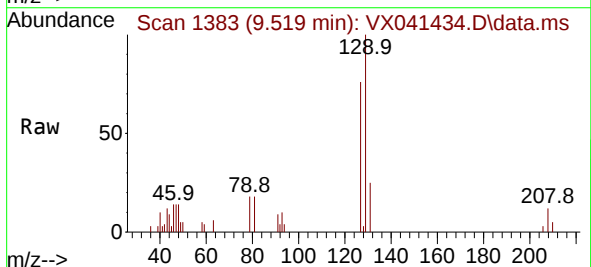
Reviewed By :John
Carlone
05/10/2024

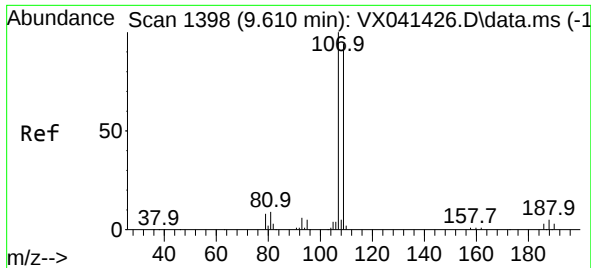
Supervised By :Mahesh
Dadoda
05/10/2024



#49
Dibromochloromethane
Concen: 1.733 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

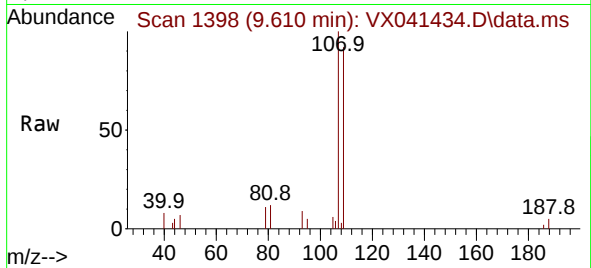
Tgt Ion:129	Resp: 3041
Ion Ratio	Lower Upper
129 100	
127 76.3	54.4 101.0





#50
1,2-Dibromoethane
Concen: 1.930 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

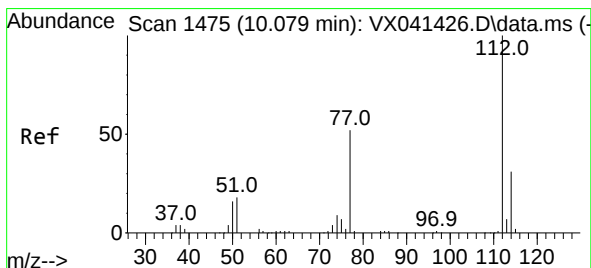
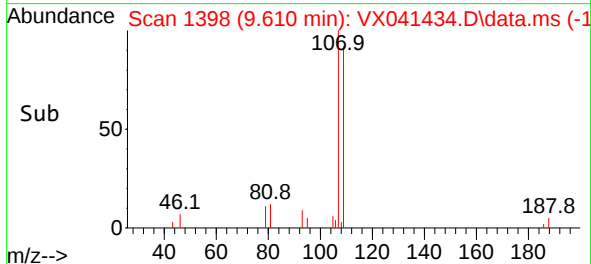
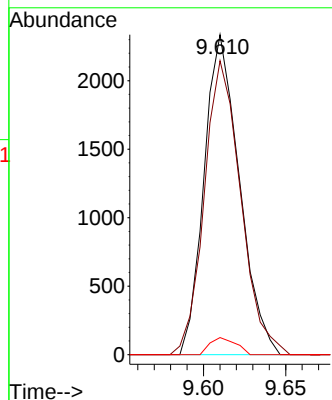


Tgt Ion:107 Resp: 348
Ion Ratio Lower Upper
107 100
109 91.9 66.1 122.7
188 5.4 4.0 6.0

Manual Integrations
APPROVED

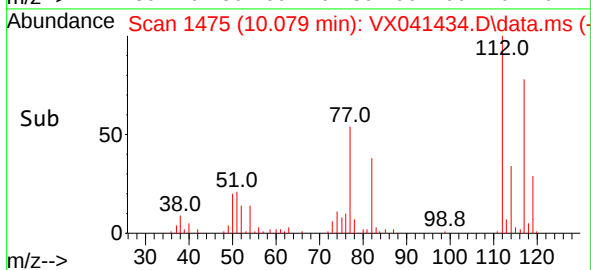
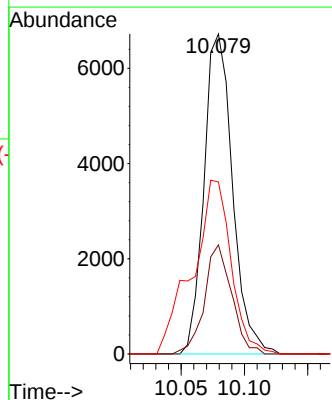
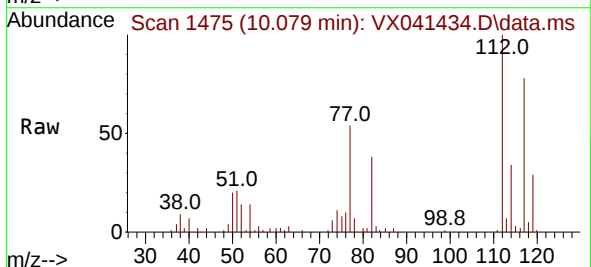
Reviewed By :John
Carlone
05/10/2024

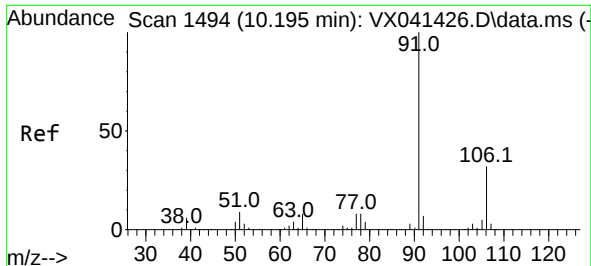
Supervised By :Mahesh
Dadoda
05/10/2024



#51
Chlorobenzene
Concen: 2.331 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Tgt Ion:112 Resp: 10577
Ion Ratio Lower Upper
112 100
114 34.1 22.0 41.0
77 53.7 41.7 62.5





#52
Ethylbenzene
Concen: 2.186 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

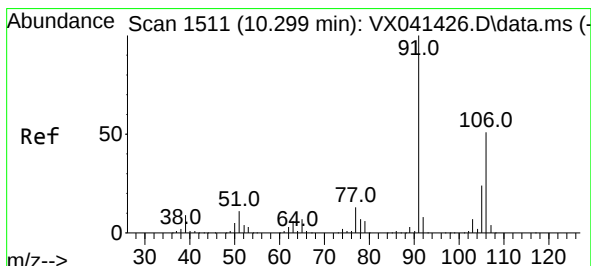
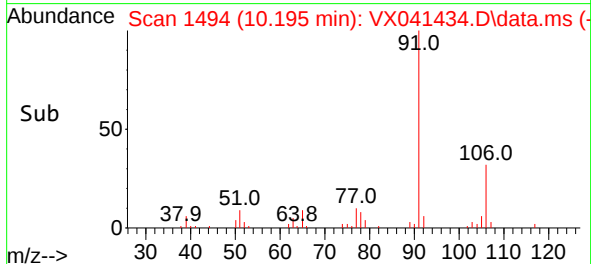
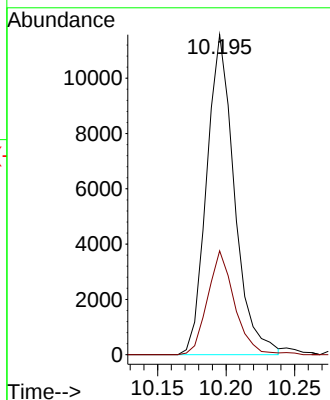
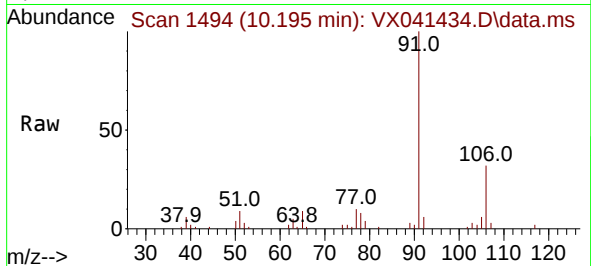
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

Tgt Ion: 91 Resp: 1631
Ion Ratio Lower Upper
91 100
106 32.4 22.2 41.2

Manual Integrations
APPROVED

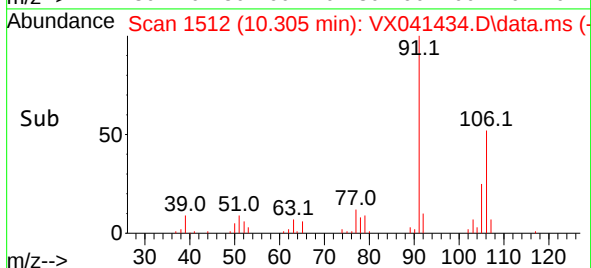
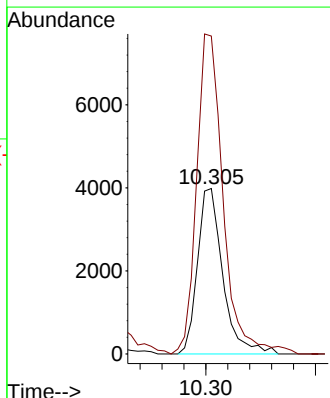
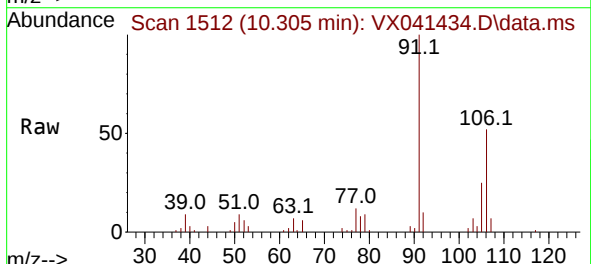
Reviewed By :John
Carlone
05/10/2024

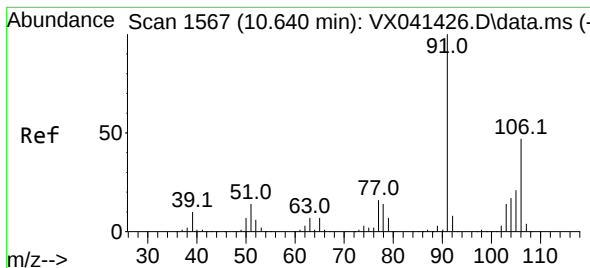
Supervised By :Mahesh
Dadoda
05/10/2024



#53
m,p-Xylene
Concen: 2.142 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Tgt Ion:106 Resp: 6396
Ion Ratio Lower Upper
106 100
91 192.1 138.1 256.5





#54

o-Xylene

Concen: 2.147 ug/L

RT: 10.646 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT2-2024-03

Tgt Ion:106 Resp: 653

Ion Ratio Lower Upper

106 100

91 194.7 148.4 275.6

Manual Integrations

APPROVED

Reviewed By :John

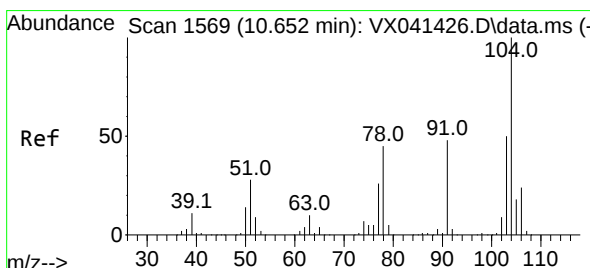
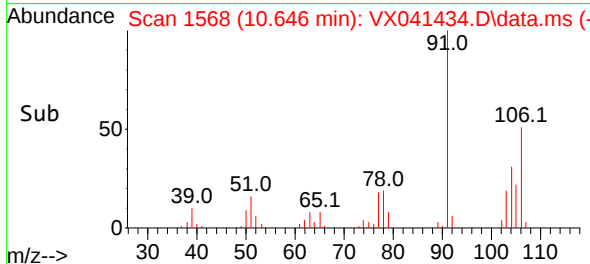
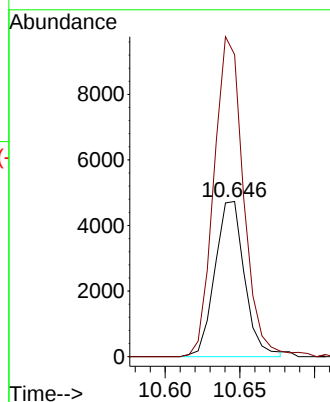
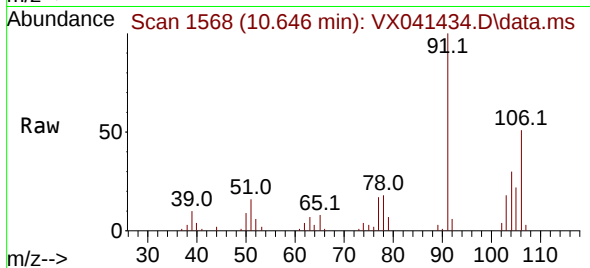
Carlone

05/10/2024

Supervised By :Mahesh

Dadoda

05/10/2024



#55

Styrene

Concen: 1.933 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX041434.D

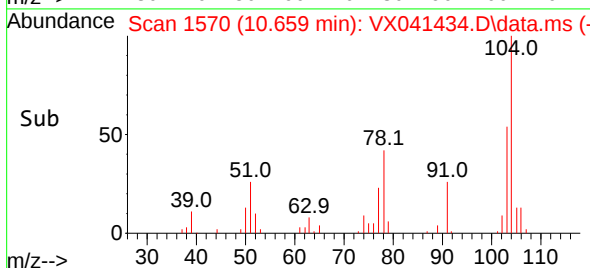
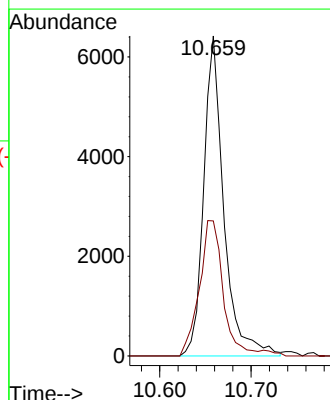
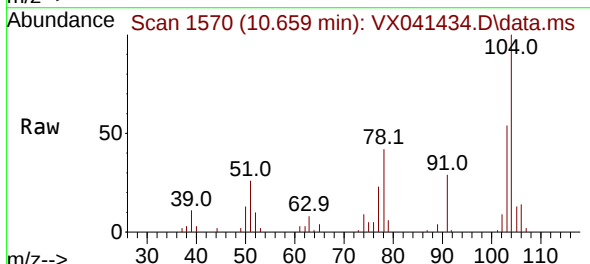
Acq: 09 May 2024 15:06

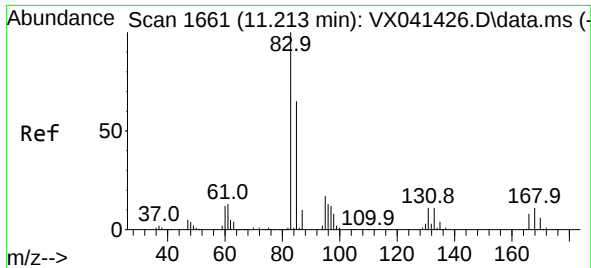
Tgt Ion:104 Resp: 9823

Ion Ratio Lower Upper

104 100

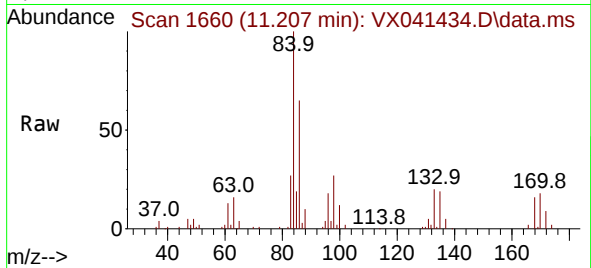
78 42.2 31.2 58.0





#57
1,1,2,2-Tetrachloroethane
Concen: 2.656 ug/L
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

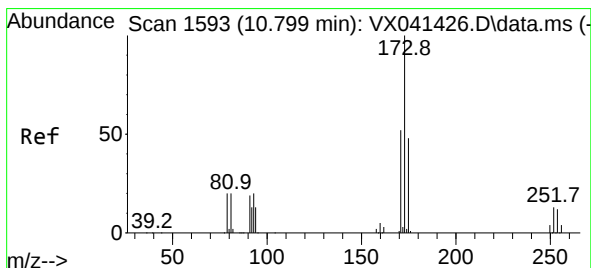
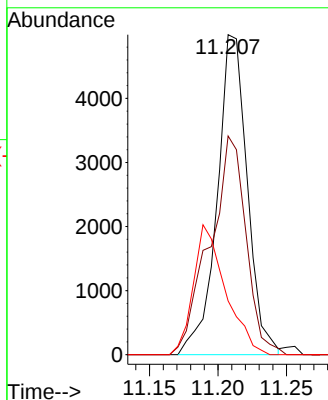
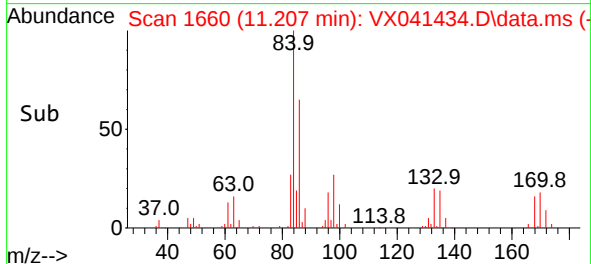


Tgt Ion: 83 Resp: 7649
Ion Ratio Lower Upper
83 100
85 68.3 45.4 84.4
131 16.8 9.0 13.4

Manual Integrations
APPROVED

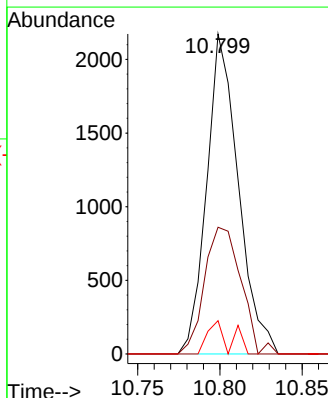
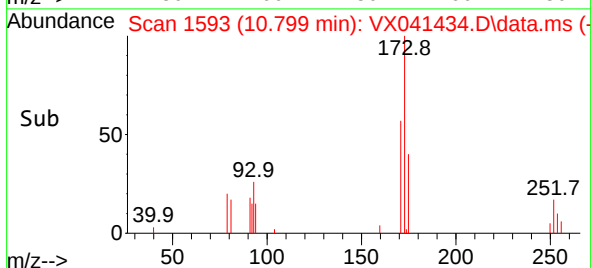
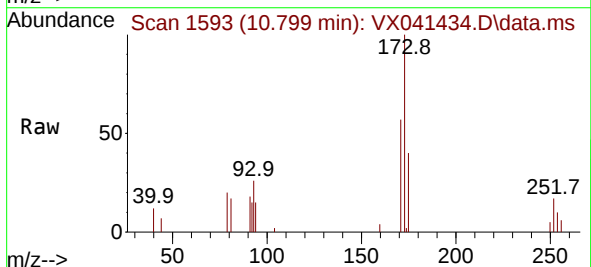
Reviewed By :John
Carlone
05/10/2024

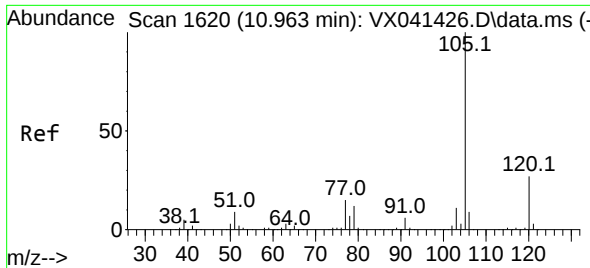
Supervised By :Mahesh
Dadoda
05/10/2024



#59
Bromoform
Concen: 2.081 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Tgt Ion:173 Resp: 2908
Ion Ratio Lower Upper
173 100
175 44.7 38.6 58.0
254 4.8 10.0 15.0





#60
Isopropylbenzene
Concen: 2.239 ug/L
RT: 10.963 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

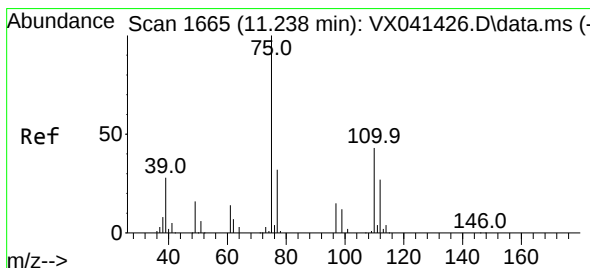
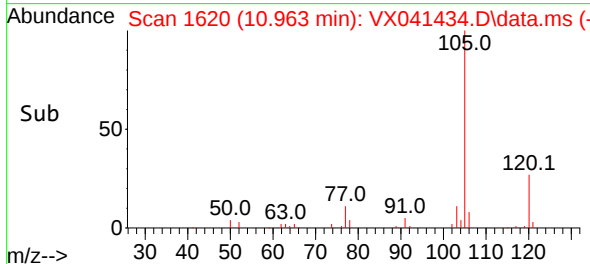
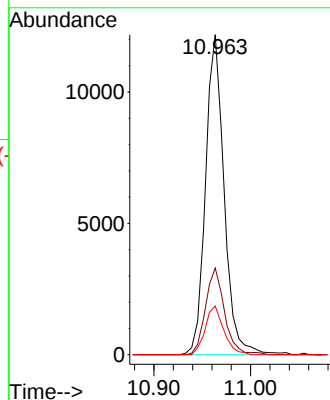
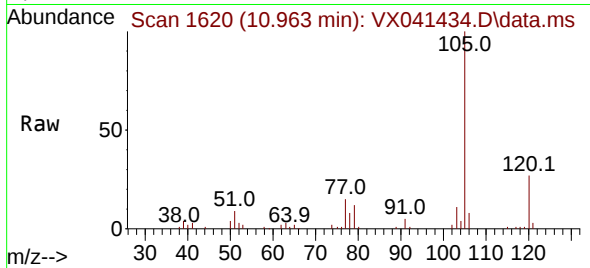
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03

Tgt Ion:105 Resp: 16314
Ion Ratio Lower Upper
105 100
120 27.3 22.0 33.0
77 15.1 12.1 18.1

Manual Integrations
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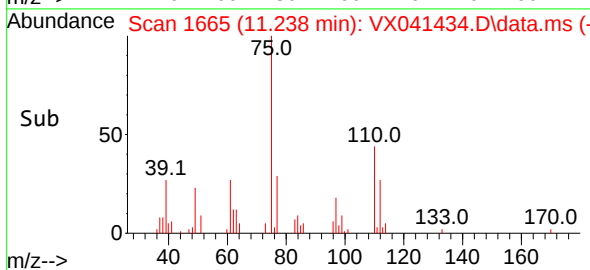
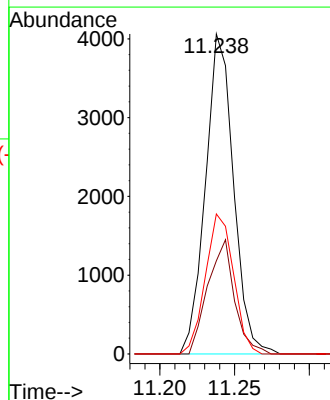
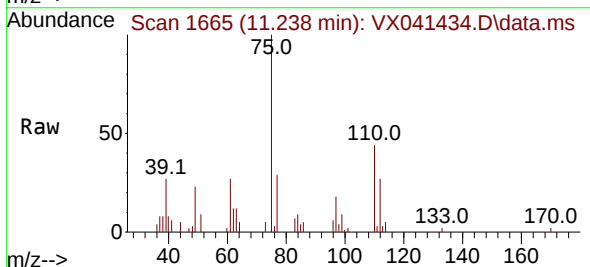
Reviewed By :John
Carlone
05/10/2024

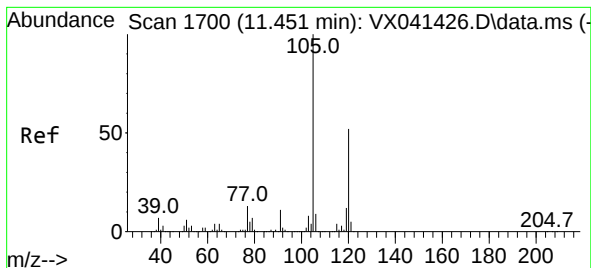
Supervised By :Mahesh
Dadoda
05/10/2024



#61
1,2,3-Trichloropropane
Concen: 2.596 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

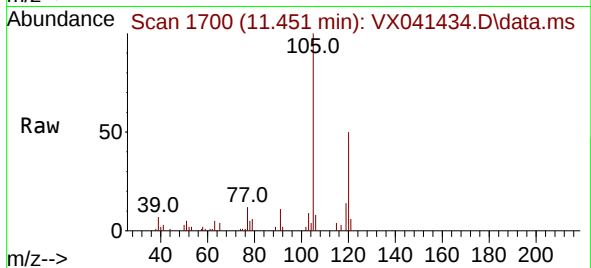
Tgt Ion: 75 Resp: 5299
Ion Ratio Lower Upper
75 100
77 34.1 25.8 38.6
110 43.8 34.8 52.2





#62
 1,3,5-Trimethylbenzene
 Concen: 2.106 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX041434.D
 Acq: 09 May 2024 15:06

Instrument : MSVOA_X
 ClientSampleId : MDL-MED-SOIL-QT2-2024-03

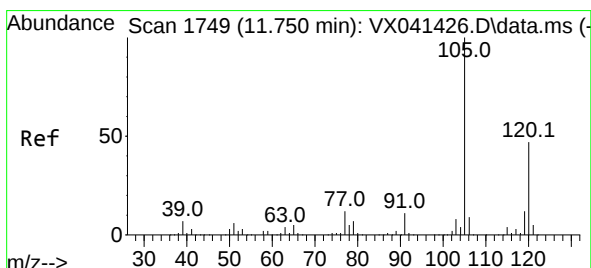
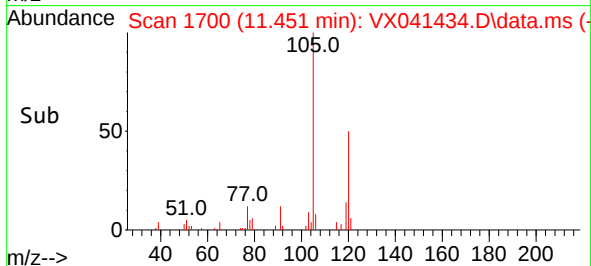
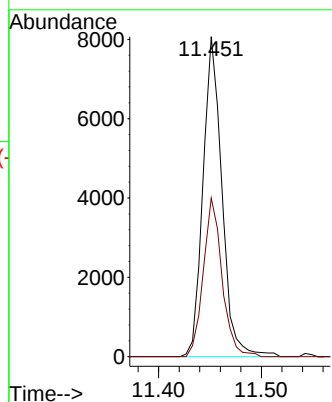


Tgt Ion:105 Resp: 1036
 Ion Ratio Lower Upper
 105 100
 120 49.0 40.6 61.0

Manual Integrations
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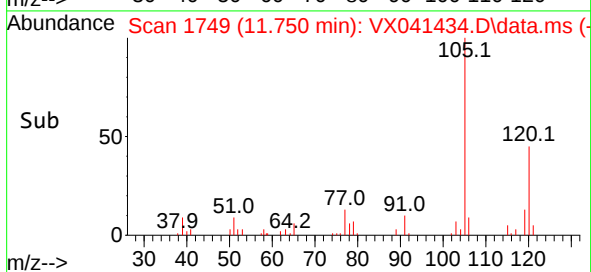
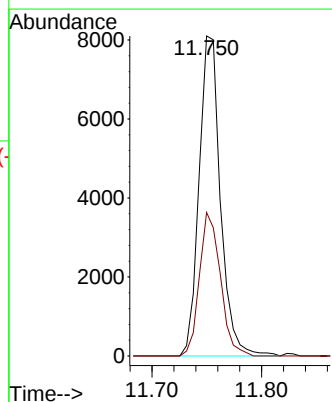
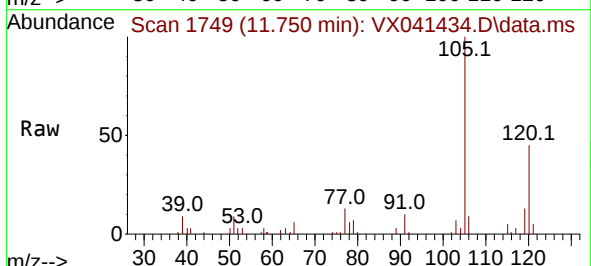
Reviewed By :John
 Carlone
 05/10/2024

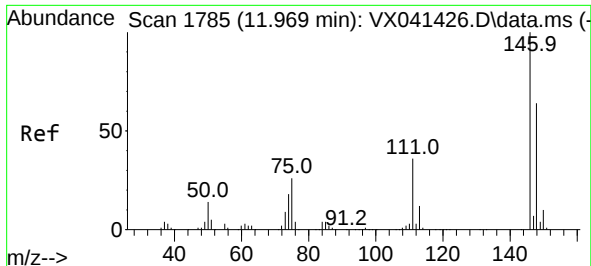
Supervised By :Mahesh
 Dadoda
 05/10/2024



#63
 1,2,4-Trimethylbenzene
 Concen: 1.846 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX041434.D
 Acq: 09 May 2024 15:06

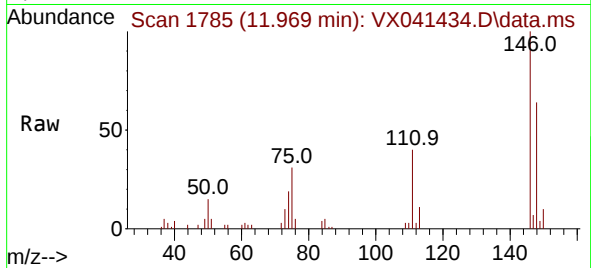
Tgt Ion:105 Resp: 11008
 Ion Ratio Lower Upper
 105 100
 120 43.9 37.9 56.9





#64
1,3-Dichlorobenzene
Concen: 2.318 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

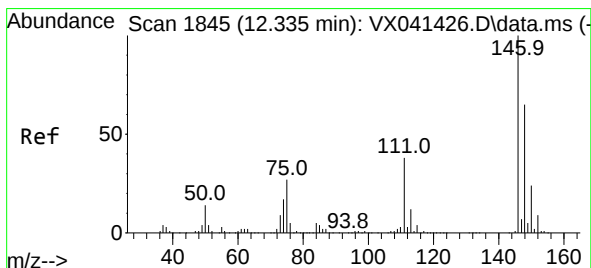
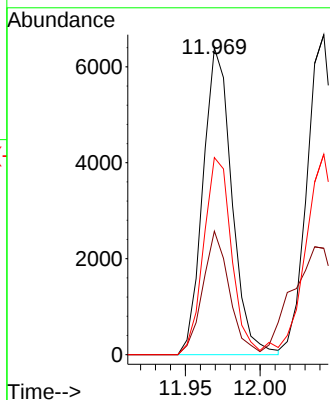


Tgt Ion:146 Resp: 8590
Ion Ratio Lower Upper
146 100
111 40.3 24.8 46.1
148 64.2 44.8 83.2

Manual Integrations
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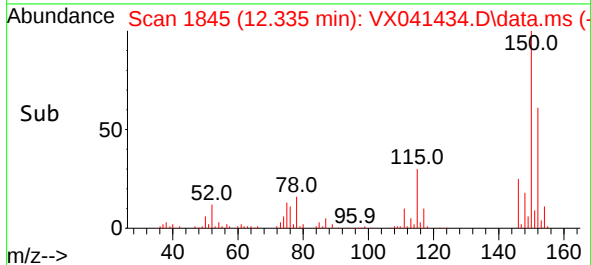
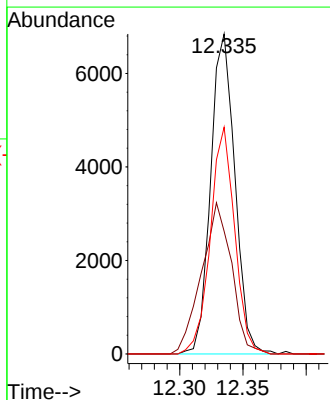
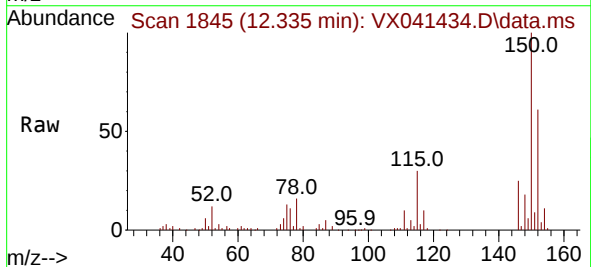
Reviewed By :John
Carlone
05/10/2024

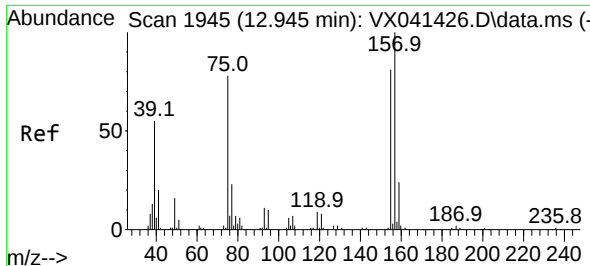
Supervised By :Mahesh
Dadoda
05/10/2024



#67
1,2-Dichlorobenzene
Concen: 2.373 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

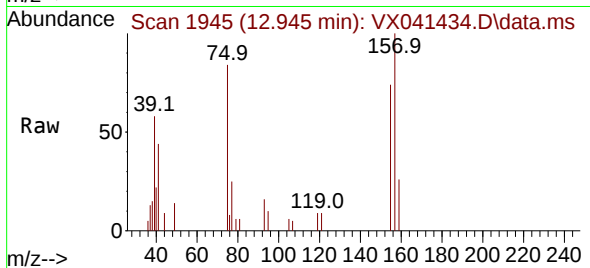
Tgt Ion:146 Resp: 9107
Ion Ratio Lower Upper
146 100
111 38.3 30.2 45.2
148 70.9 52.3 78.5





#68
1,2-Dibromo-3-chloropropane
Concen: 2.265 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

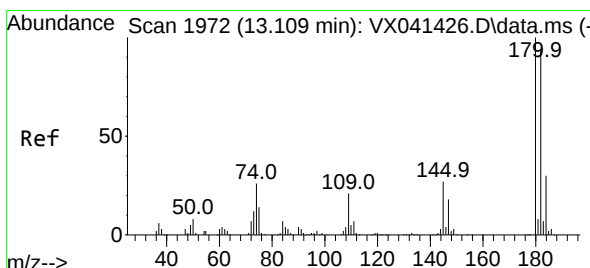
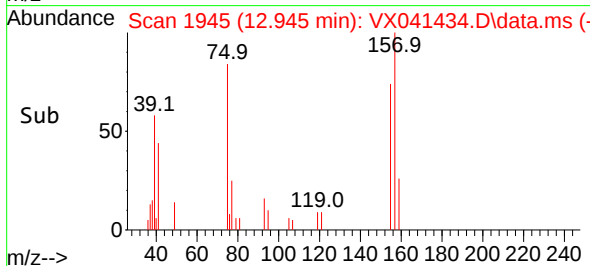
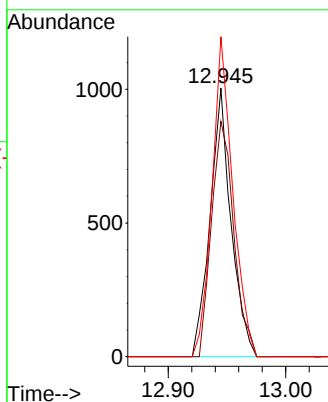


Tgt Ion: 75 Resp: 1244
Ion Ratio Lower Upper
75 100
155 87.6 83.2 124.8
157 119.2 103.0 154.6

Manual Integrations
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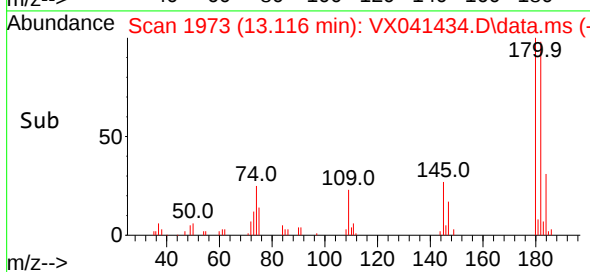
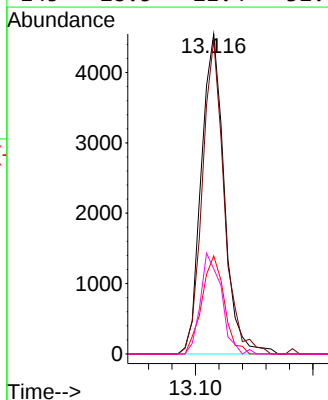
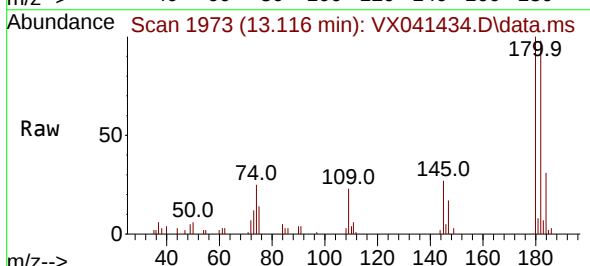
Reviewed By :John
Carlone
05/10/2024

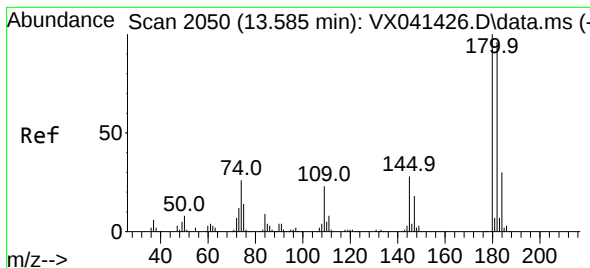
Supervised By :Mahesh
Dadoda
05/10/2024



#69
1,3,5-Trichlorobenzene
Concen: 2.226 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Tgt Ion:180 Resp: 6158
Ion Ratio Lower Upper
180 100
182 93.6 76.9 115.3
184 30.0 24.3 36.5
145 28.5 21.4 32.0





#70

1,2,4-trichlorobenzene

Concen: 2.174 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT2-2024-03

Tgt Ion:	180	Resp:	549
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.3	114.5
145	28.1	22.0	33.0

Manual Integrations

APPROVED

Reviewed By :John

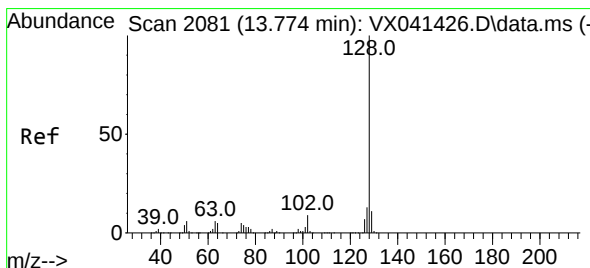
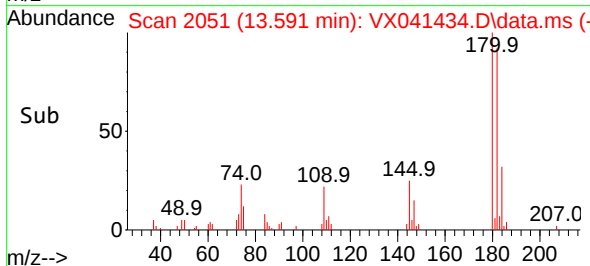
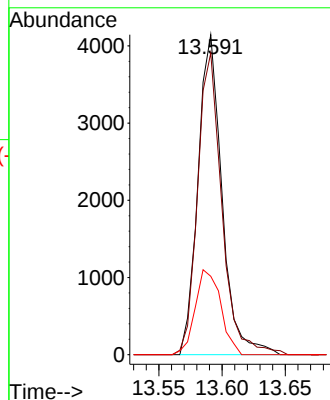
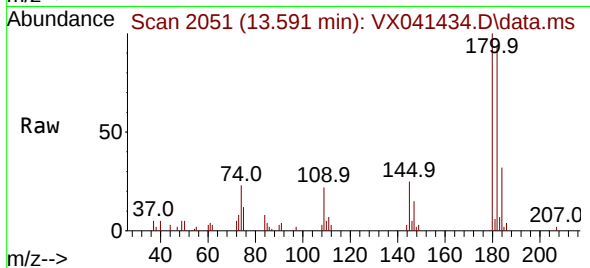
Carlone

05/10/2024

Supervised By :Mahesh

Dadoda

05/10/2024



#71

Naphthalene

Concen: 2.057 ug/L

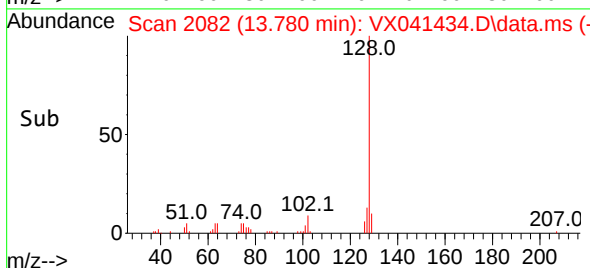
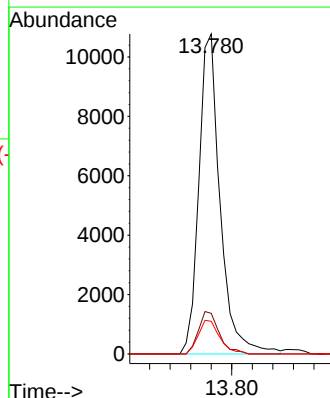
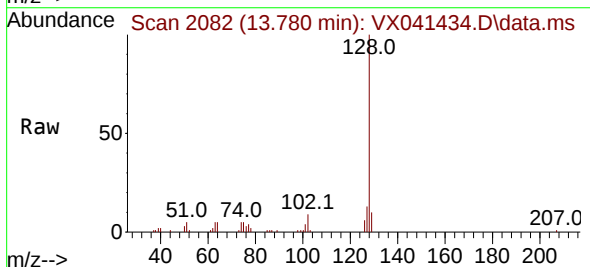
RT: 13.780 min Scan# 2082

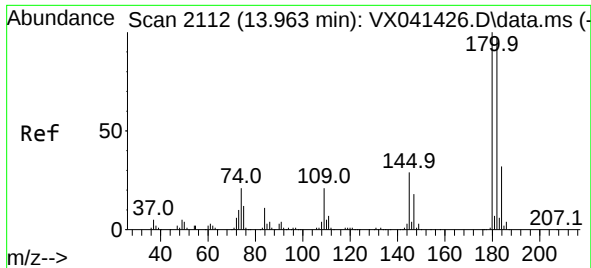
Delta R.T. 0.006 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

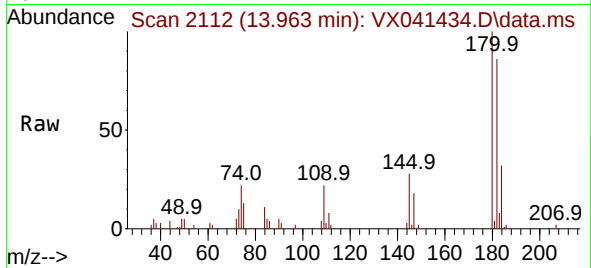
Tgt Ion:	128	Resp:	15506
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	15.8
129	10.6	8.8	13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 2.267 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX041434.D
 Acq: 09 May 2024 15:06

Instrument : MSVOA_X
 ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.8	77.5	116.3
145	28.0	23.8	35.8

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 05/10/2024

Supervised By :Mahesh
 Dadoda
 05/10/2024

