

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071323\
 Data File : VX036521.D
 Acq On : 13 Jul 2023 12:45
 Operator : JC/MD
 Sample : 03573-06 2.5PPB
 Misc : 5.0g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT3-2023-06

Quant Time: Jul 13 13:12:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 13 05:47:06 2023
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :John
 Carlone

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	274839	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	251417	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	122071	50.000	ug/L	0.00

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System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	99057	50.528	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.060%
7) Chloroethane-d5	1.666	69	85280	39.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.180%
11) 1,1-Dichloroethene-d2	2.307	65	42757	51.115	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.240%
21) 2-Butanone-d5	4.452	46	149504	109.194	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.190%
24) Chloroform-d	5.056	84	167737	47.116	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.240%
26) 1,2-Dichloroethane-d4	5.952	65	121465	49.954	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.900%
32) Benzene-d6	5.971	84	363160	51.021	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.040%
36) 1,2-Dichloropropane-d6	7.306	67	116863	51.795	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.600%
41) Toluene-d8	8.647	98	342341	50.382	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.760%
43) trans-1,3-Dichloroprop...	8.952	79	51287	47.743	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.480%
47) 2-Hexanone-d5	9.385	63	106819	107.640	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.640%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	157251	52.975	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.940%
66) 1,2-Dichlorobenzene-d4	12.323	152	121662	52.465	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.940%

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Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.167	85	4310	2.248	ug/L 97
3) Chloromethane	1.295	50	5740	2.533	ug/L 96
5) Vinyl chloride	1.374	62	5879	2.501	ug/L # 70
6) Bromomethane	1.612	94	5395	2.429	ug/L 96
8) Chloroethane	1.685	64	3832	2.226	ug/L 93
9) Trichlorofluoromethane	1.886	101	9410	2.530	ug/L 93
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	5435	3.085	ug/L # 87
12) 1,1-Dichloroethene	2.313	96	4999	2.901	ug/L # 1
13) Acetone	2.380	43	4937	4.755	ug/L 94
14) Carbon disulfide	2.508	76	10419	2.255	ug/L 100
15) Methyl Acetate	2.703	43	5399	2.615	ug/L 93
16) Methylene chloride	2.788	84	6338	3.334	ug/L 97
17) trans-1,2-Dichloroethene	3.087	96	3941	2.271	ug/L 90
18) Methyl tert-butyl Ether	3.111	73	14236	2.360	ug/L 99
19) 1,1-Dichloroethane	3.611	63	7929	2.335	ug/L 94
20) cis-1,2-Dichloroethene	4.489	96	4625	2.280	ug/L 96
22) 2-Butanone	4.562	43	7938m	5.257	ug/L
23) Bromochloromethane	4.904	128	2500m	2.466	ug/L
25) Chloroform	5.093	83	19692	5.523	ug/L 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	6.086	62	6272	2.224	ug/L #	92	07/14/2023
29) Cyclohexane	5.465	56	6979	2.510	ug/L	98	Supervised By :Semsettin
30) 1,1,1-Trichloroethane	5.391	97	6908	2.364	ug/L #	82	Yesilyurt
31) Carbon tetrachloride	5.678	117	5076	2.073	ug/L	89	
33) Benzene	6.038	78	17531	2.388	ug/L	100	
35) Methylcyclohexane	7.379	83	7908	2.712	ug/L	92	
37) 1,2-Dichloropropane	7.428	63	4879	2.417	ug/L #	96	07/14/2023
38) Bromodichloromethane	7.824	83	5179	2.058	ug/L #	98	
39) cis-1,3-Dichloropropene	8.366	75	6835	2.149	ug/L	93	
40) 4-Methyl-2-pentanone	8.574	43	13906	4.943	ug/L	95	
42) Toluene	8.720	91	18846	2.413	ug/L	99	
44) trans-1,3-Dichloropropene	8.976	75	6418	2.192	ug/L	97	
45) 1,1,2-Trichloroethane	9.153	97	4627	2.412	ug/L	89	
46) Tetrachloroethene	9.275	164	3421	2.405	ug/L	96	
48) 2-Hexanone	9.433	43	10936	4.974	ug/L #	96	
49) Dibromochloromethane	9.519	129	4181	2.171	ug/L	93	
50) 1,2-Dibromoethane	9.610	107	4507	2.192	ug/L #	95	
51) Chlorobenzene	10.080	112	11994	2.362	ug/L	98	
52) Ethylbenzene	10.195	91	19111	2.223	ug/L	89	
53) m,p-Xylene	10.299	106	7569	2.308	ug/L	99	
54) o-Xylene	10.647	106	7178	2.207	ug/L	82	
55) Styrene	10.659	104	11204	2.066	ug/L	94	
57) 1,1,2,2-Tetrachloroethane	11.213	83	7399	2.483	ug/L #	84	
59) Bromoform	10.799	173	2807	2.104	ug/L	93	
60) Isopropylbenzene	10.964	105	18969	2.312	ug/L	99	
61) 1,2,3-Trichloropropane	11.238	75	5451	2.365	ug/L	98	
62) 1,3,5-Trimethylbenzene	11.451	105	14934	2.177	ug/L	99	
63) 1,2,4-Trimethylbenzene	11.750	105	15375	2.235	ug/L	97	
64) 1,3-Dichlorobenzene	11.969	146	8528	2.323	ug/L	96	
65) 1,4-Dichlorobenzene	12.043	146	8491	2.291	ug/L	94	
67) 1,2-Dichlorobenzene	12.335	146	8587	2.358	ug/L #	90	
68) 1,2-Dibromo-3-chloropr...	12.945	75	1353	2.203	ug/L #	74	
69) 1,3,5-Trichlorobenzene	13.109	180	5510	2.262	ug/L	98	
70) 1,2,4-trichlorobenzene	13.591	180	5382	2.342	ug/L	97	
71) Naphthalene	13.774	128	16960	2.163	ug/L	98	
72) 1,2,3-Trichlorobenzene	13.963	180	5050	2.255	ug/L	99	

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

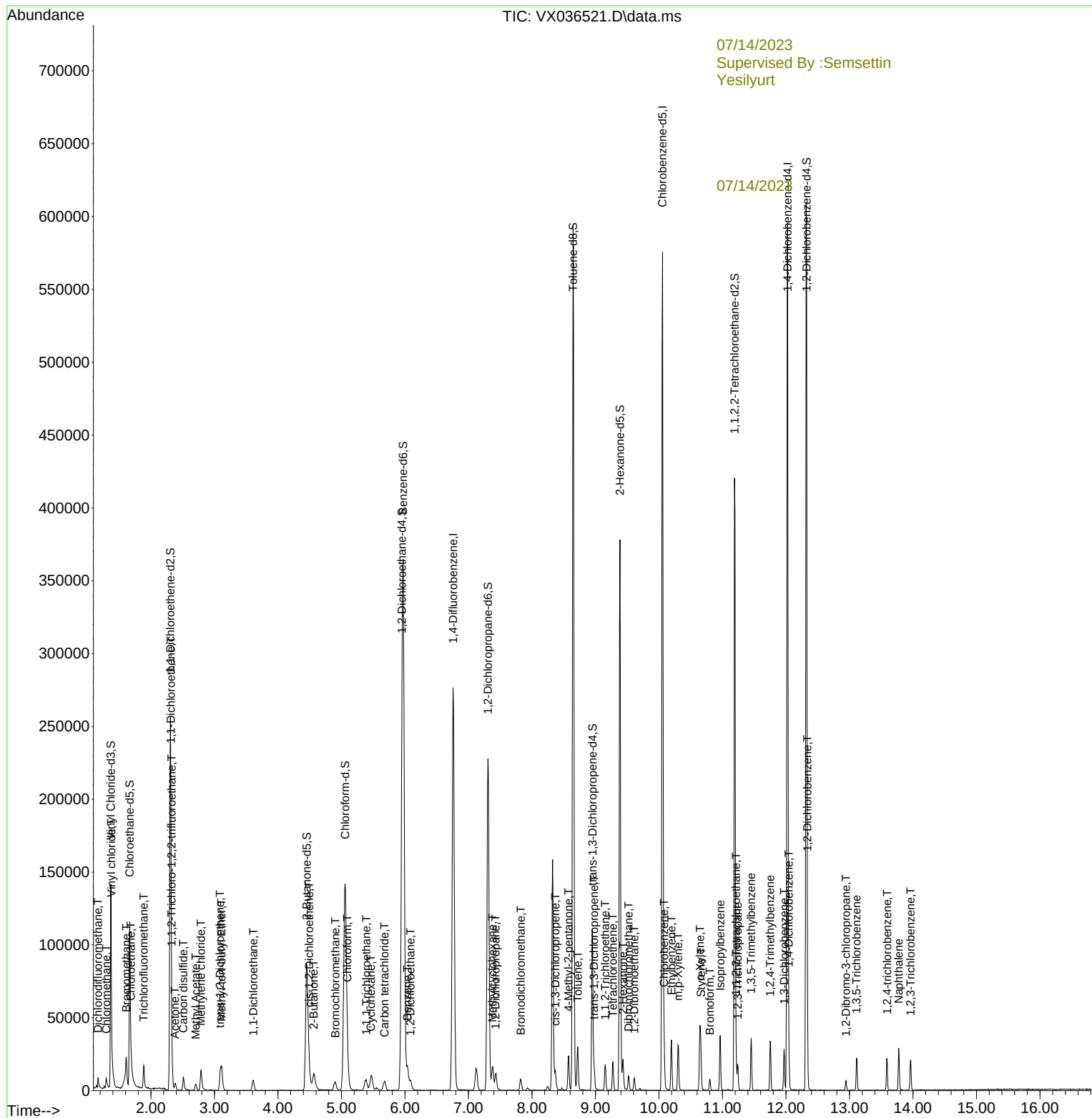
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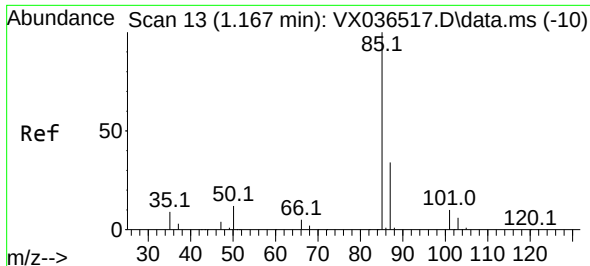
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

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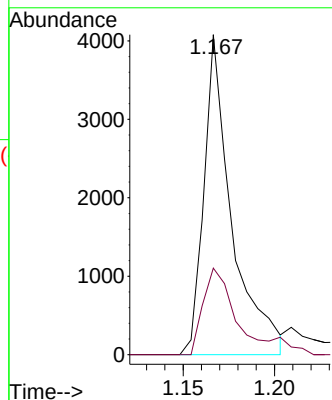
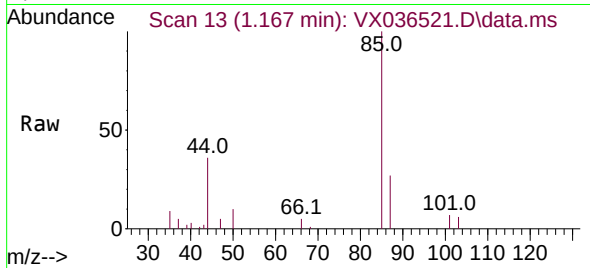
#2
Dichlorodifluoromethane
Concen: 2.248 ug/L
RT: 1.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

Tgt Ion: 85 Resp: 4310
Ion Ratio Lower Upper
85 100
87 31.1 26.3 39.5

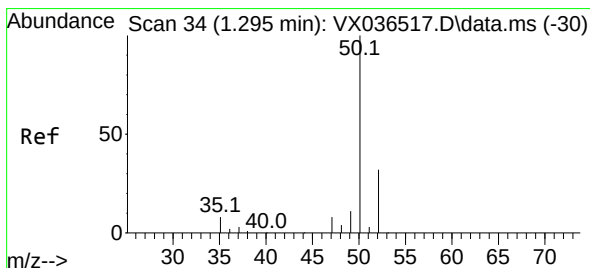
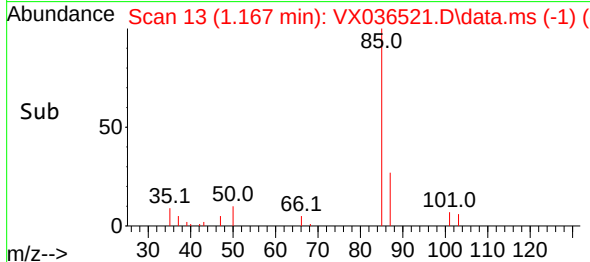
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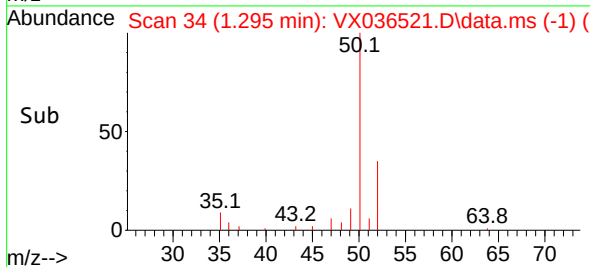
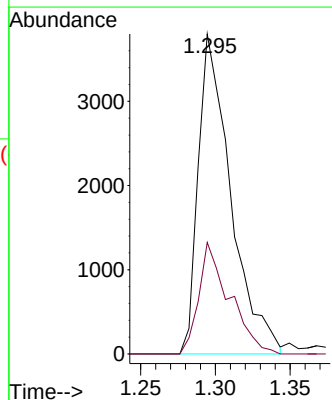
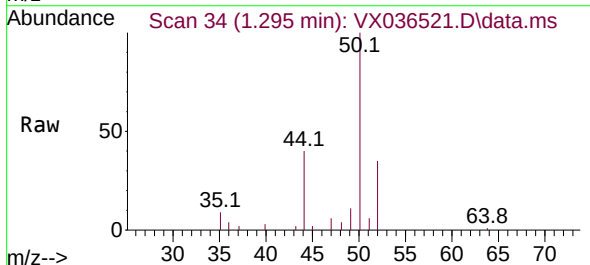
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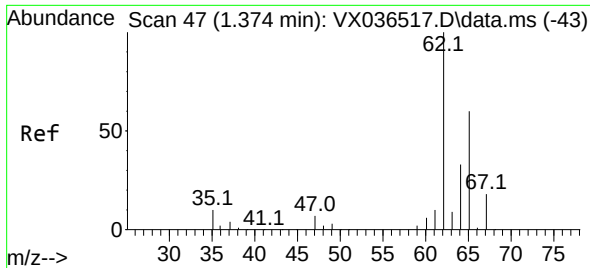
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#3
Chloromethane
Concen: 2.533 ug/L
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

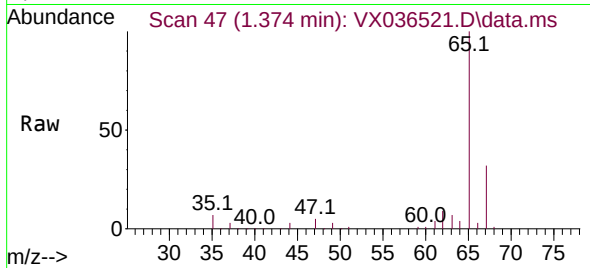
Tgt Ion: 50 Resp: 5740
Ion Ratio Lower Upper
50 100
52 34.9 22.8 42.4





#5
Vinyl chloride
Concen: 2.501 ug/L
RT: 1.374 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

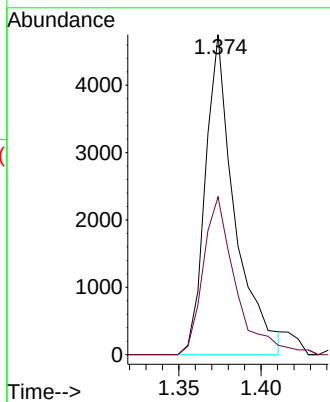
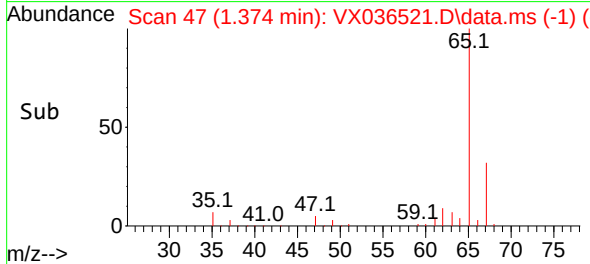
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion: 62 Resp: 5879
Ion Ratio Lower Upper
62 100
64 49.3 22.8 42.4

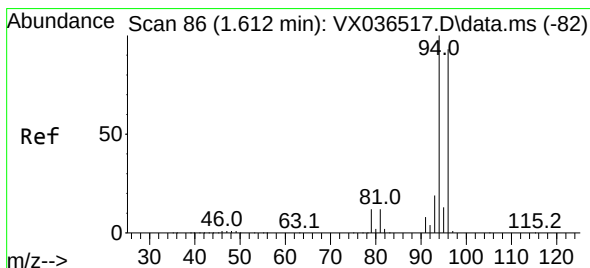
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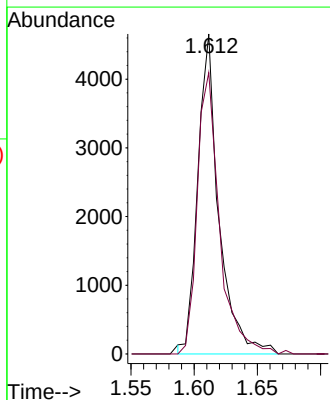
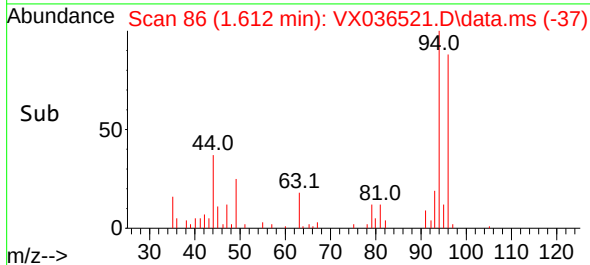
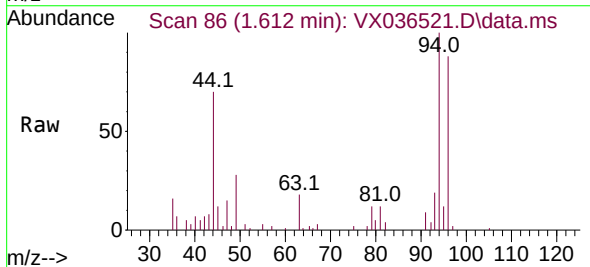
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Yesilyurt

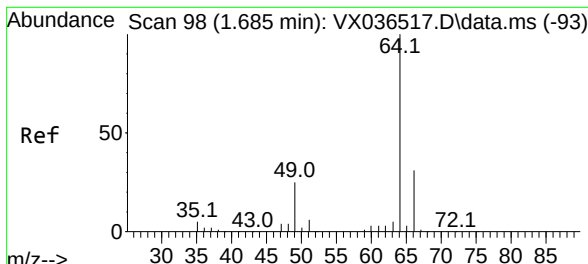
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#6
Bromomethane
Concen: 2.429 ug/L
RT: 1.612 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

Tgt Ion: 94 Resp: 5395
Ion Ratio Lower Upper
94 100
96 87.9 64.5 119.7





#8
 Chloroethane
 Concen: 2.226 ug/L
 RT: 1.685 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: VX036521.D
 Acq: 13 Jul 2023 12:45

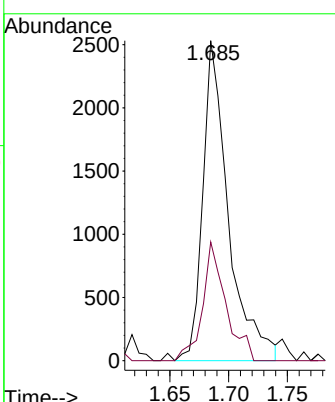
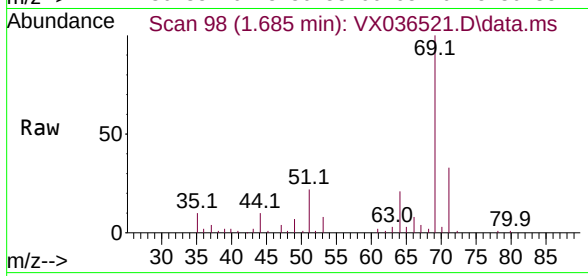
Instrument : MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT3-2023-06

Tgt Ion: 64 Resp: 383

Ion	Ratio	Lower	Upper
64	100		
66	37.1	23.0	42.8

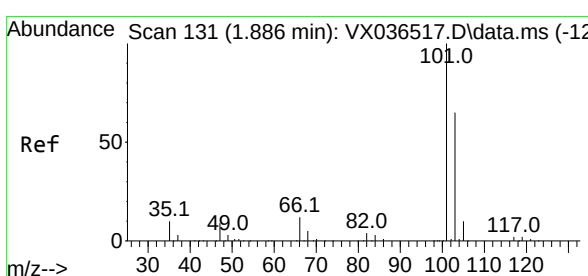
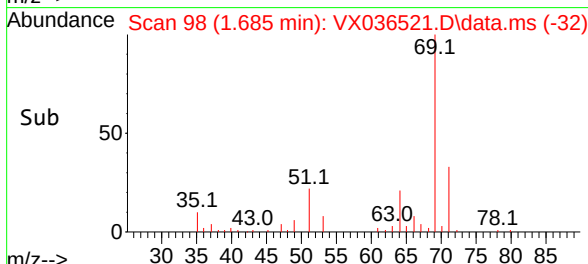
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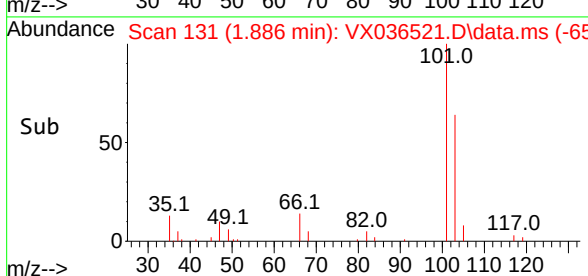
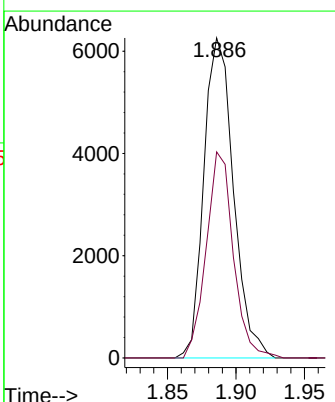
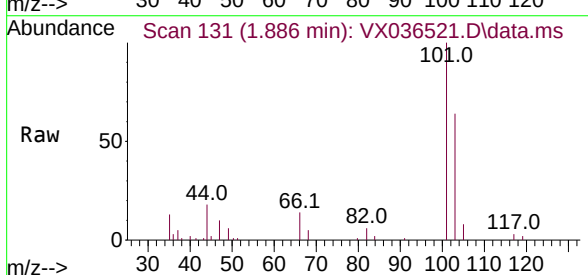
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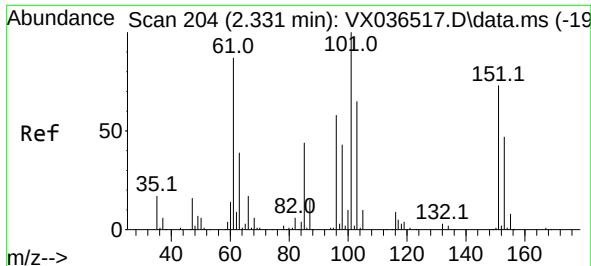


#9
 Trichlorofluoromethane
 Concen: 2.530 ug/L
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX036521.D
 Acq: 13 Jul 2023 12:45

Tgt Ion:101 Resp: 9410

Ion	Ratio	Lower	Upper
101	100		
103	59.0	51.7	77.5





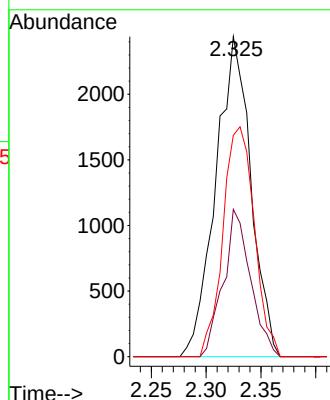
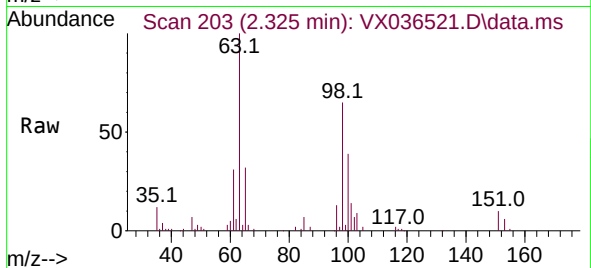
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.085 ug/L
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

Instrument :
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Tgt Ion:101 Resp: 5438
Ion Ratio Lower Upper
101 100
85 35.7 35.8 53.8
151 64.1 59.8 89.6

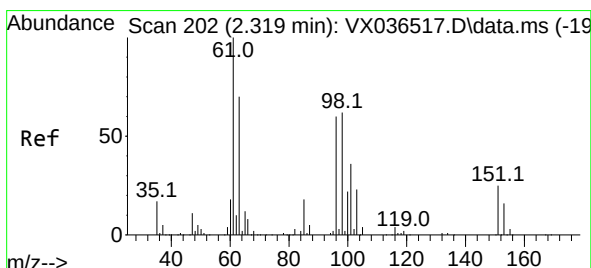
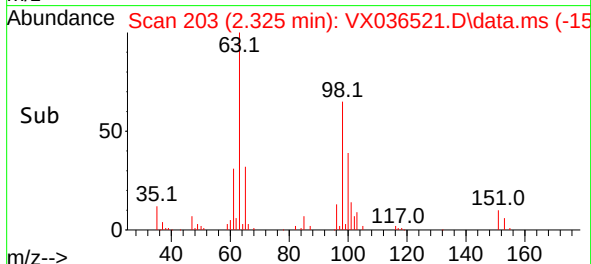
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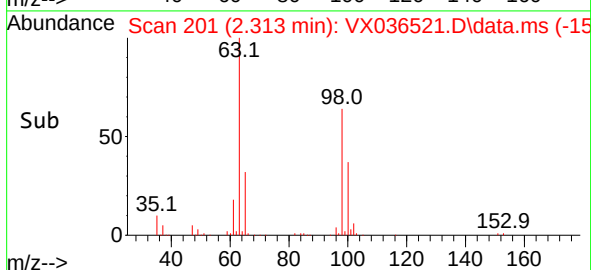
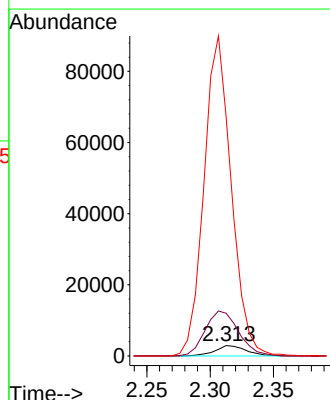
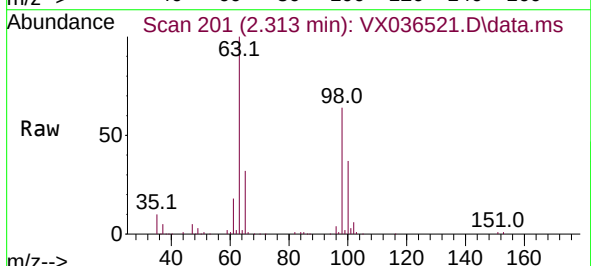
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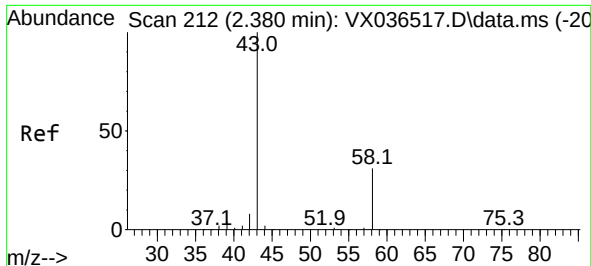
07/14/2023



#12
1,1-Dichloroethene
Concen: 2.901 ug/L
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

Tgt Ion: 96 Resp: 4999
Ion Ratio Lower Upper
96 100
61 408.8 115.3 214.1#
63 2292.4 76.3 141.7#





#13

Acetone

Concen: 4.755 ug/L

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX036521.D

Acq: 13 Jul 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

Tgt Ion: 43 Resp: 493

Ion Ratio Lower Upper

43 100

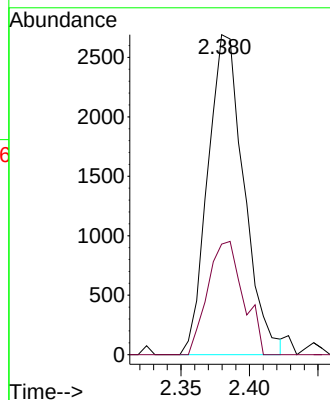
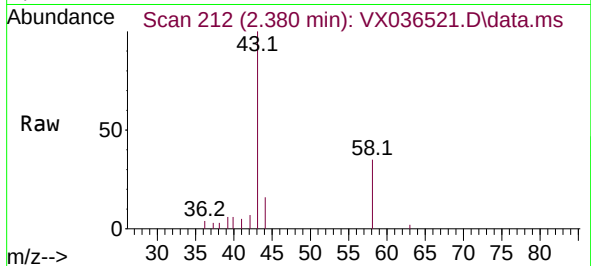
58 34.8 0.0 62.6

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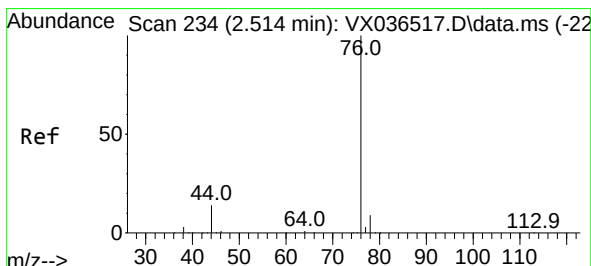
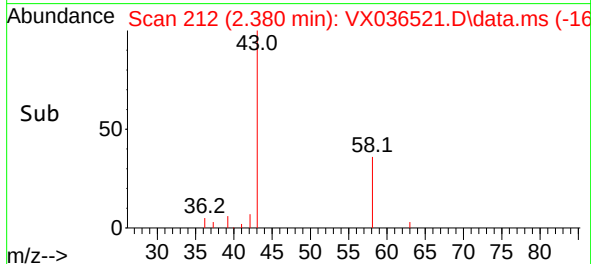


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#14

Carbon disulfide

Concen: 2.255 ug/L

RT: 2.508 min Scan# 233

Delta R.T. -0.006 min

Lab File: VX036521.D

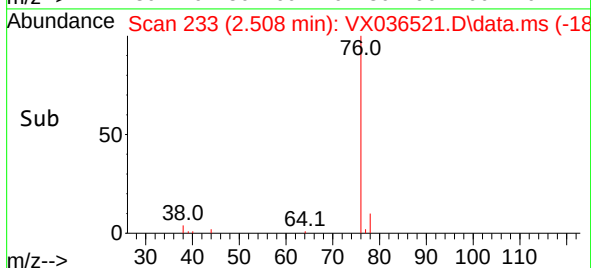
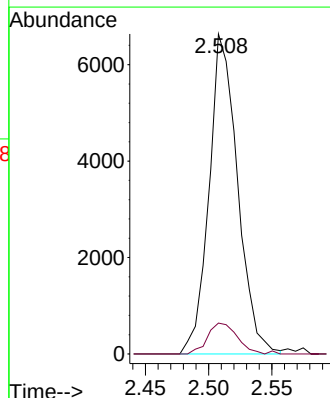
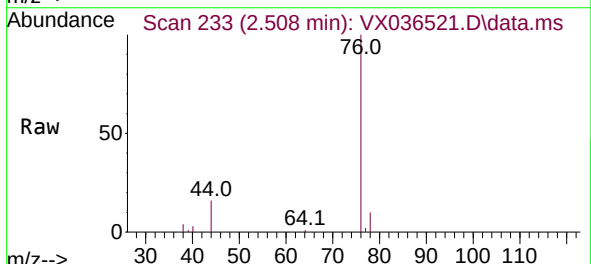
Acq: 13 Jul 2023 12:45

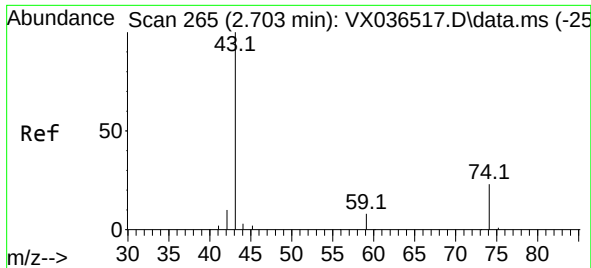
Tgt Ion: 76 Resp: 10419

Ion Ratio Lower Upper

76 100

78 9.7 7.8 11.6





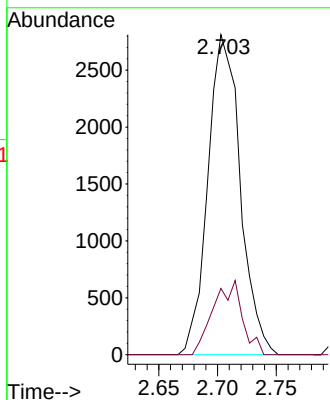
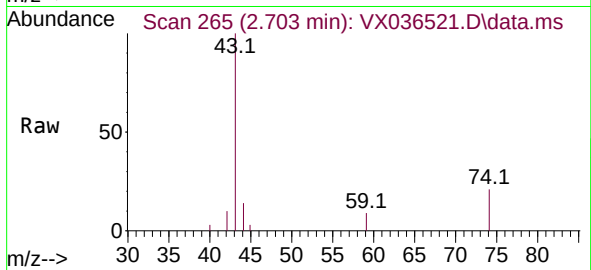
#15
Methyl Acetate
Concen: 2.615 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

Tgt Ion: 43 Resp: 5399
Ion Ratio Lower Upper
43 100
74 20.8 19.4 29.0

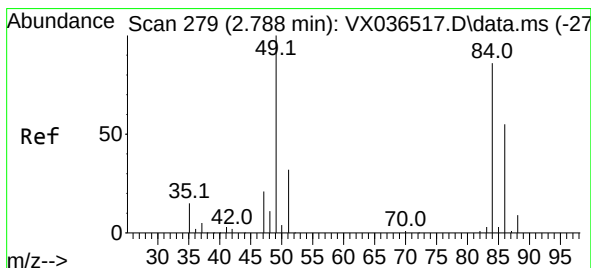
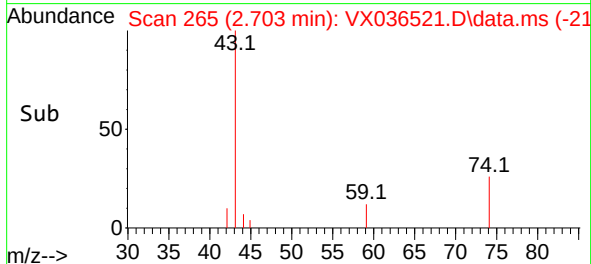
Manual Integrations
APPROVED

Reviewed By :John
Carlone



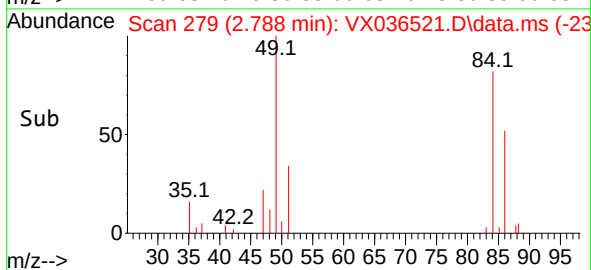
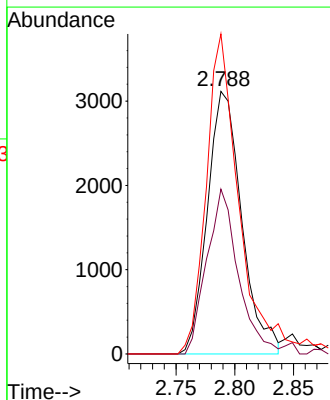
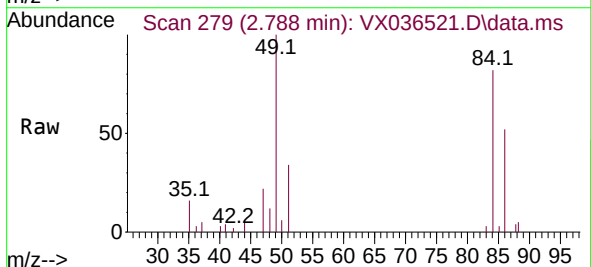
07/14/2023
Supervised By :Semsettin
Yesilyurt

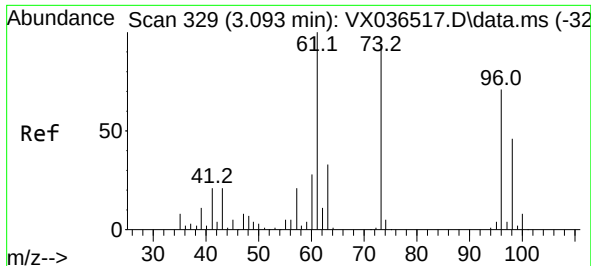
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#16
Methylene chloride
Concen: 3.334 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

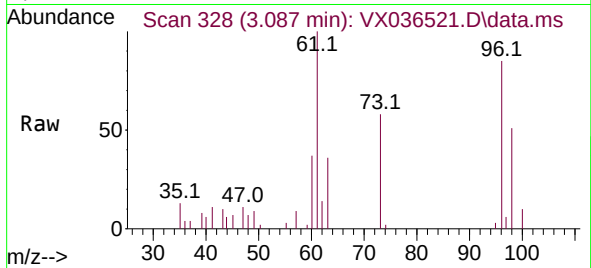
Tgt Ion: 84 Resp: 6338
Ion Ratio Lower Upper
84 100
86 62.8 45.9 85.3
49 121.9 87.6 162.8





#17
trans-1,2-Dichloroethene
Concen: 2.271 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

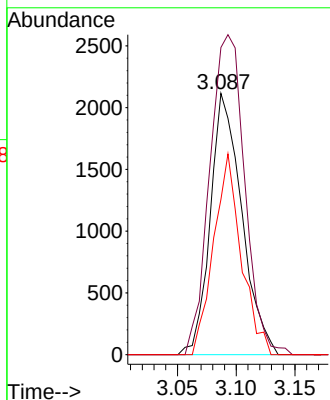
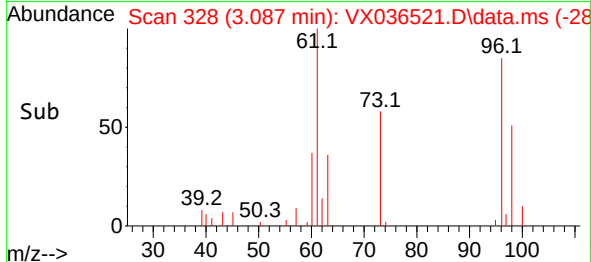
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion: 96 Resp: 394
Ion Ratio Lower Upper
96 100
61 117.6 93.7 174.1
98 59.4 42.9 79.7

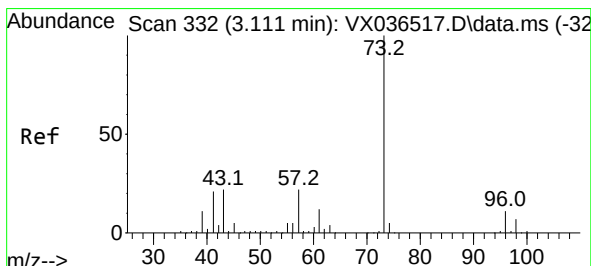
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APPROVED

Reviewed By :John
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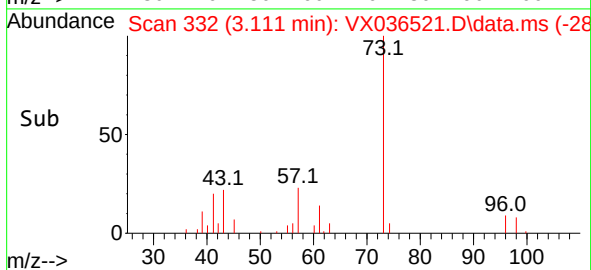
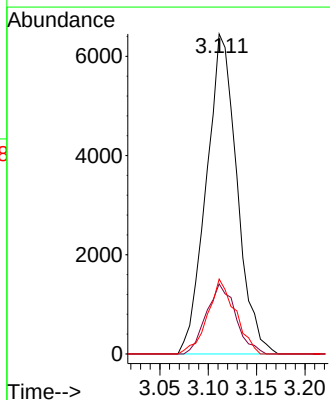
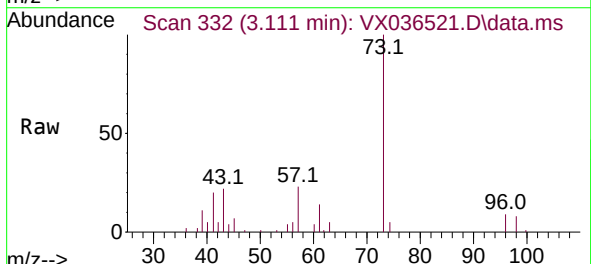
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Supervised By :Semsettin
Yesilyurt

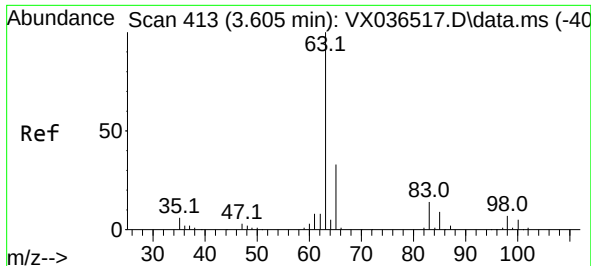
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#18
Methyl tert-butyl Ether
Concen: 2.360 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

Tgt Ion: 73 Resp: 14236
Ion Ratio Lower Upper
73 100
43 20.9 17.0 25.6
57 21.2 17.4 26.0





#19

1,1-Dichloroethane

Concen: 2.335 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX036521.D

Acq: 13 Jul 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

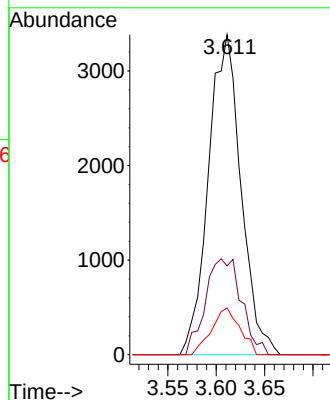
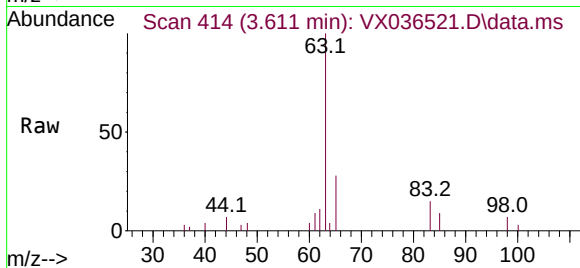
MDL-MED-SOIL-QT3-2023-06

Tgt Ion: 63	Resp: 7929
Ion Ratio	Lower Upper
63 100	
65 27.7	22.3 41.3
83 14.6	9.3 17.3

Manual Integrations

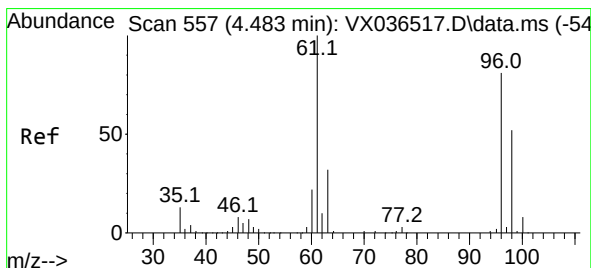
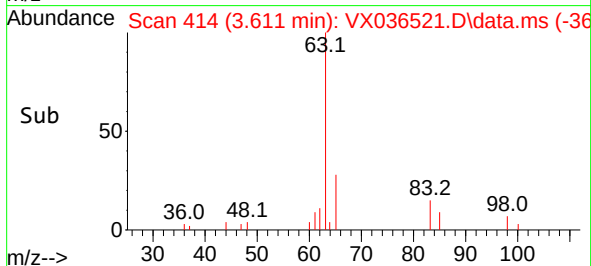
APPROVED

Reviewed By :John
Carlone



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Supervised By :Semsettin
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#20

cis-1,2-Dichloroethene

Concen: 2.280 ug/L

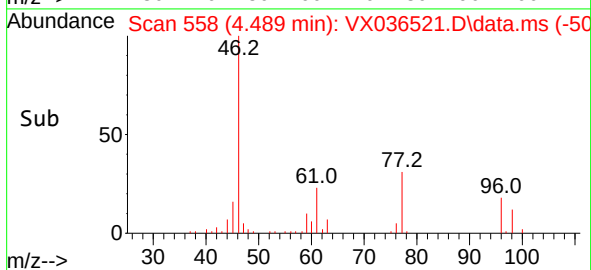
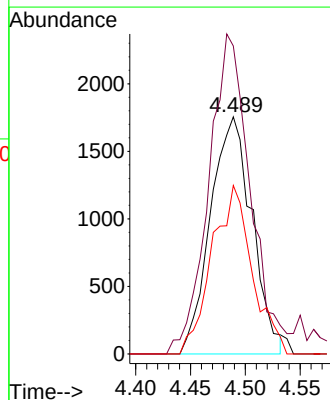
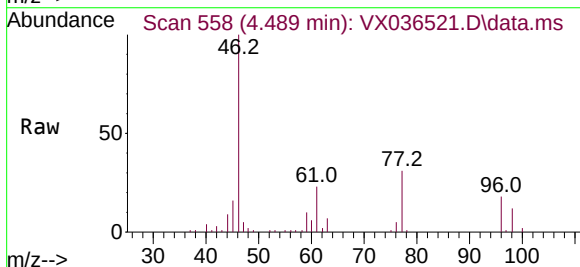
RT: 4.489 min Scan# 558

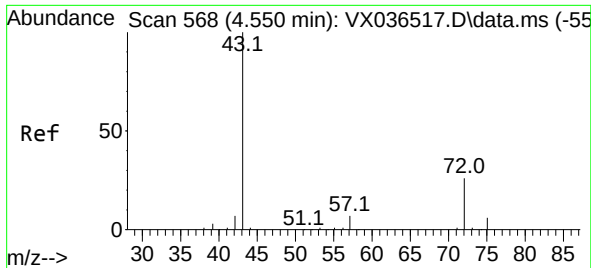
Delta R.T. 0.000 min

Lab File: VX036521.D

Acq: 13 Jul 2023 12:45

Tgt Ion: 96	Resp: 4625
Ion Ratio	Lower Upper
96 100	
61 129.9	90.1 167.3
98 71.1	44.1 81.9





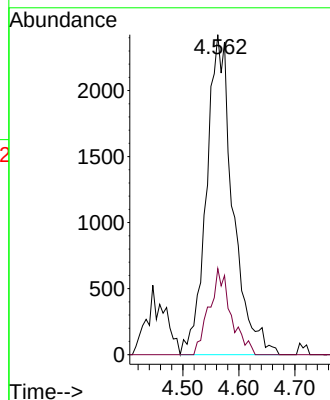
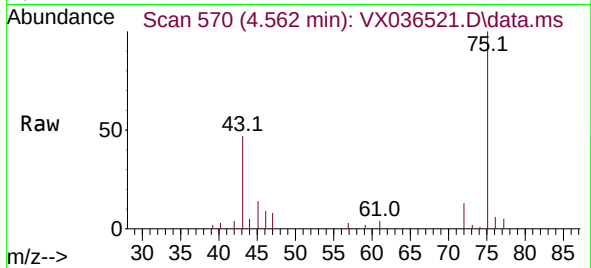
#22
2-Butanone
Concen: 5.257 ug/L m
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

Tgt Ion: 43 Resp: 7938
Ion Ratio Lower Upper
43 100
72 19.4 13.8 41.3

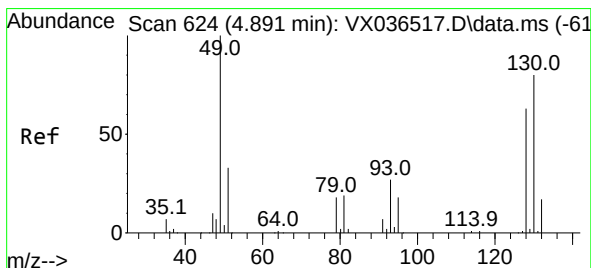
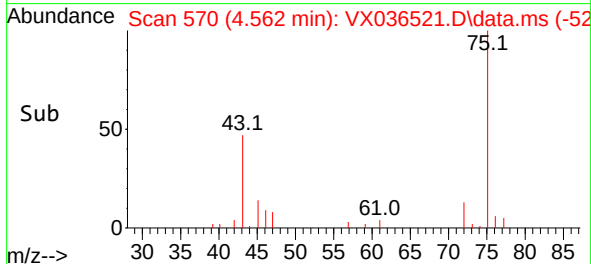
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Reviewed By :John
Carlone



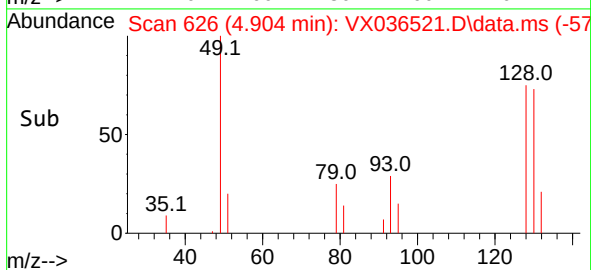
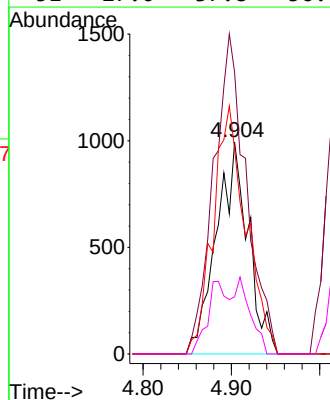
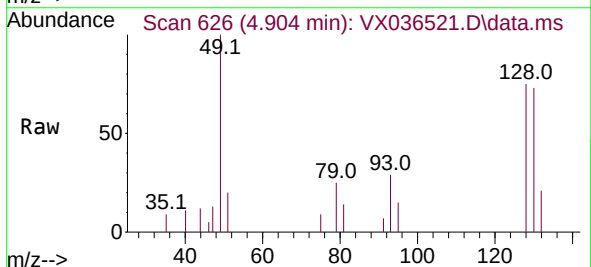
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Supervised By :Semsettin
Yesilyurt

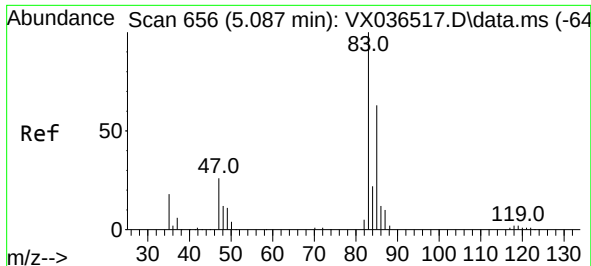
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#23
Bromochloromethane
Concen: 2.466 ug/L m
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

Tgt Ion:128 Resp: 2500
Ion Ratio Lower Upper
128 100
49 132.9 105.8 196.4
130 96.8 88.1 163.7
51 27.0 37.8 56.6#





#25

Chloroform

Concen: 5.523 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX036521.D

Acq: 13 Jul 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

Tgt Ion: 83 Resp: 1969

Ion Ratio Lower Upper

83 100

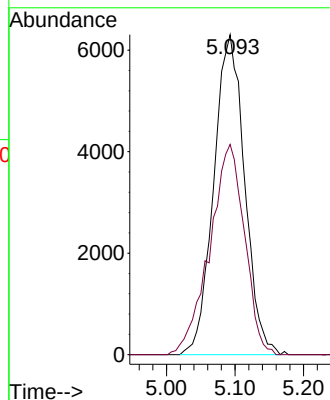
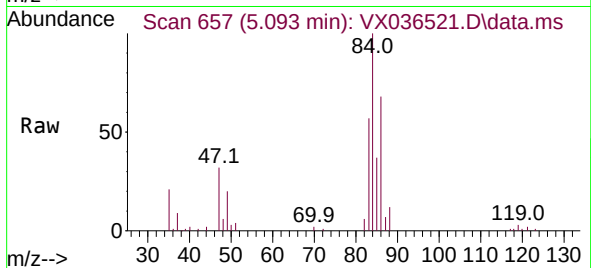
85 65.7 46.8 87.0

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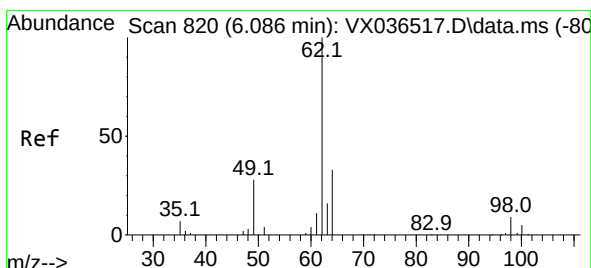
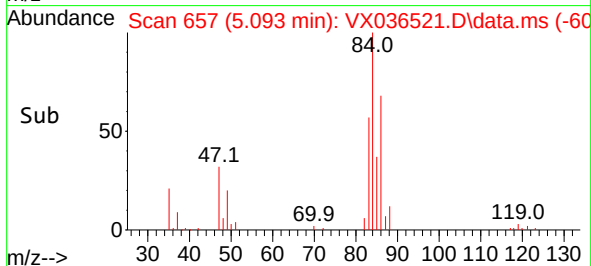


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#27

1,2-Dichloroethane

Concen: 2.224 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX036521.D

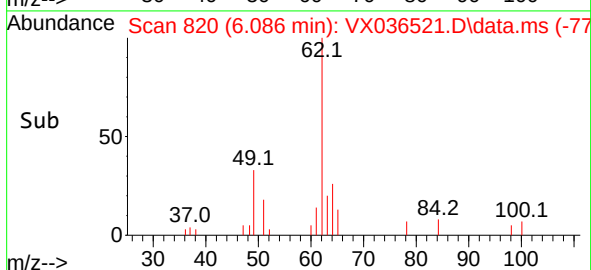
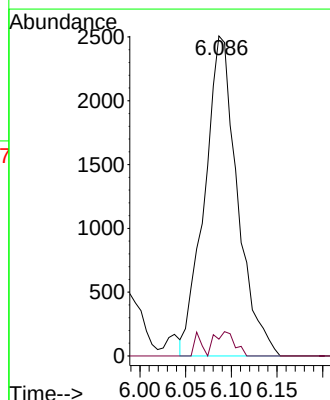
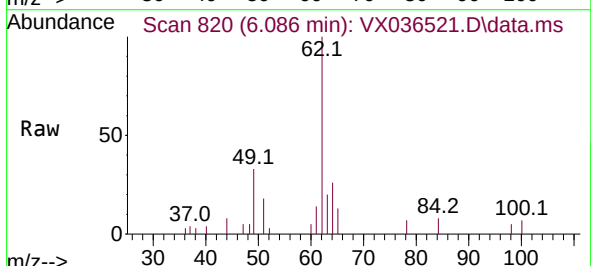
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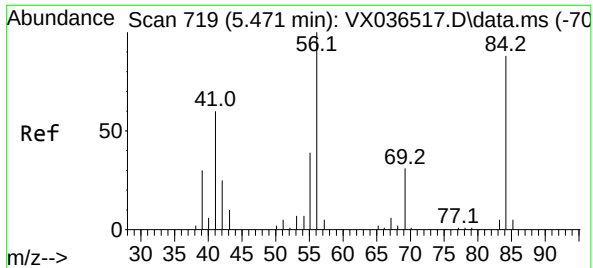
Tgt Ion: 62 Resp: 6272

Ion Ratio Lower Upper

62 100

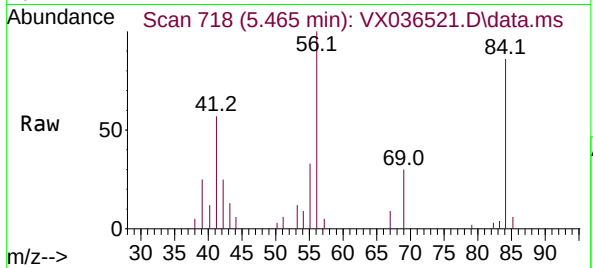
98 5.3 6.5 9.7#





#29
Cyclohexane
Concen: 2.510 ug/L
RT: 5.465 min Scan# 719
Delta R.T. -0.012 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

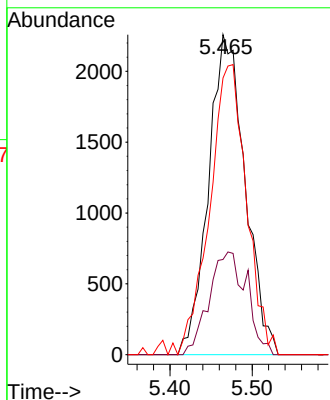
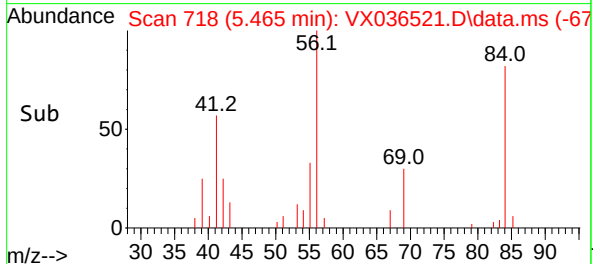
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion: 56 Resp: 6979
Ion Ratio Lower Upper
56 100
69 27.2 25.3 37.9
84 90.9 73.0 109.4

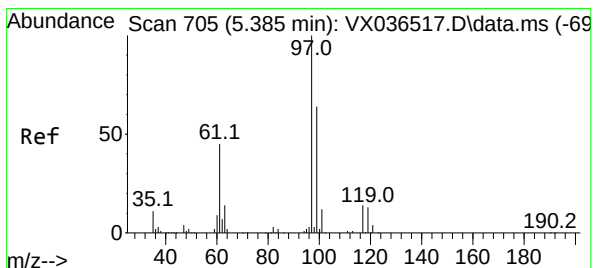
Manual Integrations
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Carlone



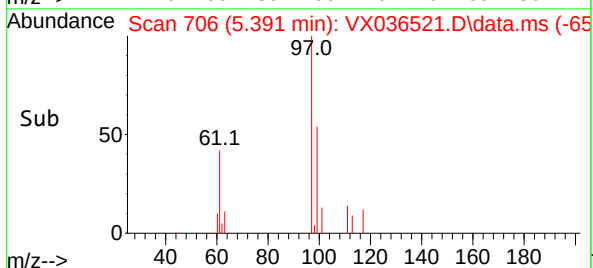
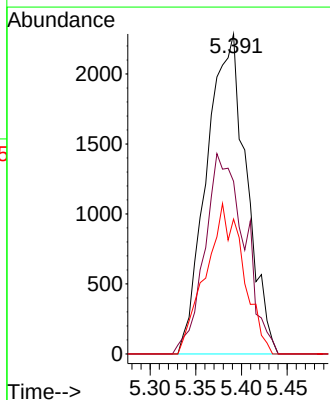
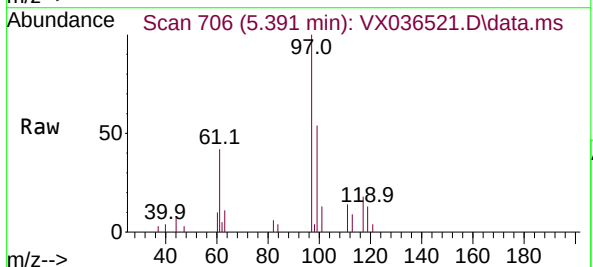
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Yesilyurt

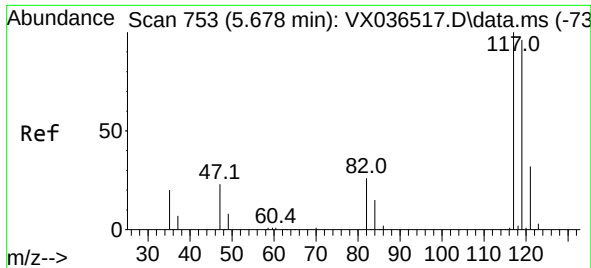
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#30
1,1,1-Trichloroethane
Concen: 2.364 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

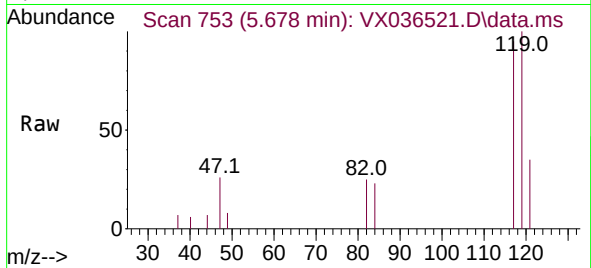
Tgt Ion: 97 Resp: 6908
Ion Ratio Lower Upper
97 100
99 53.4 50.6 76.0
61 27.5 34.7 52.1#





#31
Carbon tetrachloride
Concen: 2.073 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

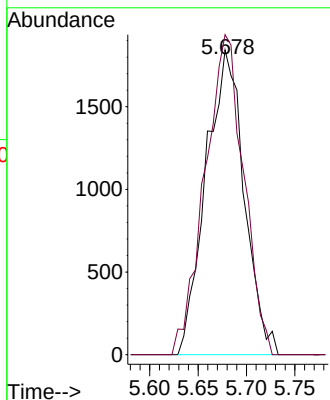
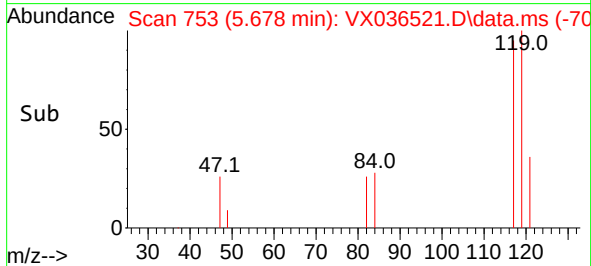
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06



Tgt Ion: 117 Resp: 5070
Ion Ratio Lower Upper
117 100
119 106.2 76.6 114.8

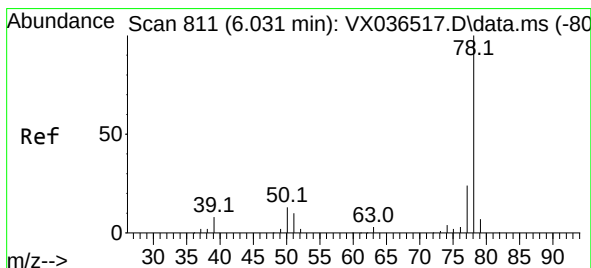
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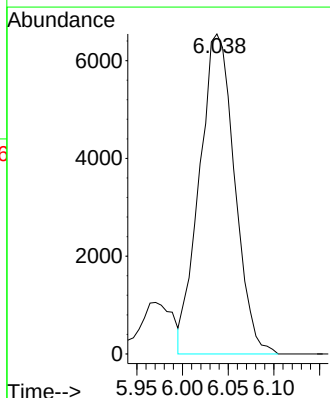
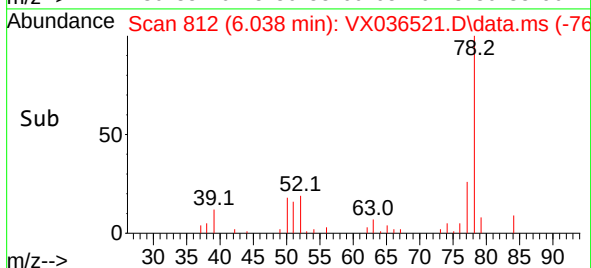
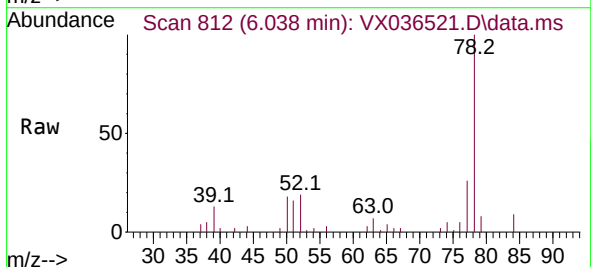
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Supervised By :Semsettin
Yesilyurt

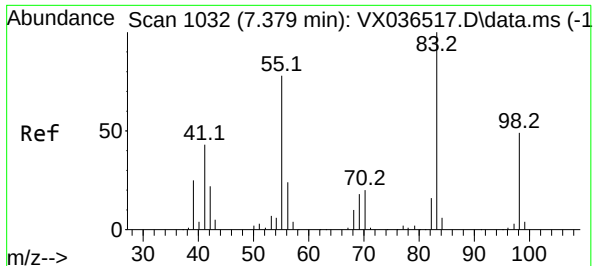
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#33
Benzene
Concen: 2.388 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

Tgt Ion: 78 Resp: 17531





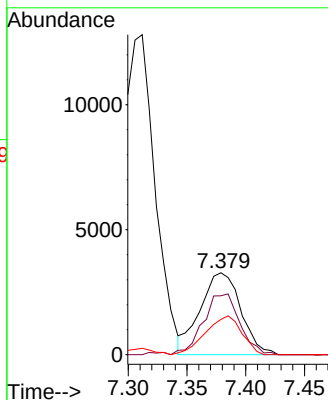
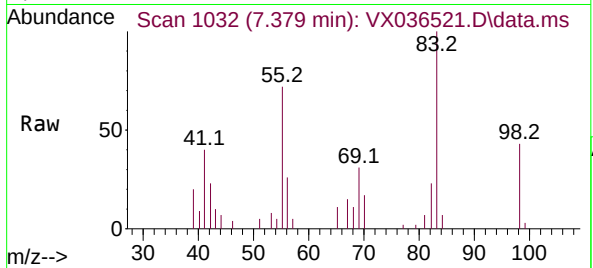
#35
Methylcyclohexane
Concen: 2.712 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

Tgt Ion: 83 Resp: 7908
Ion Ratio Lower Upper
83 100
55 66.2 59.0 88.4
98 42.0 37.5 56.3

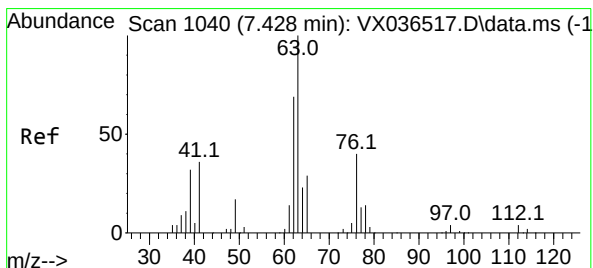
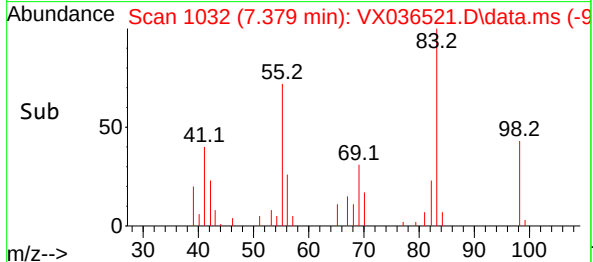
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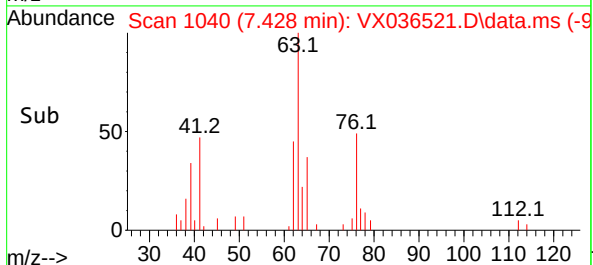
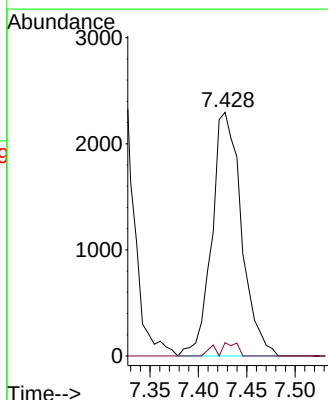
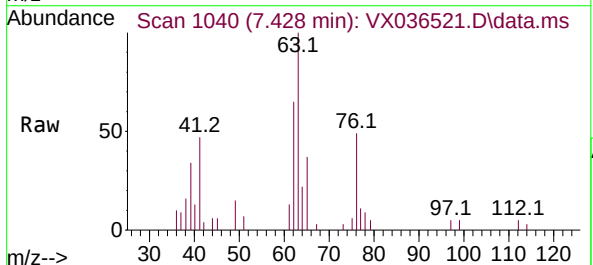
07/14/2023
Supervised By :Semsettin
Yesilyurt

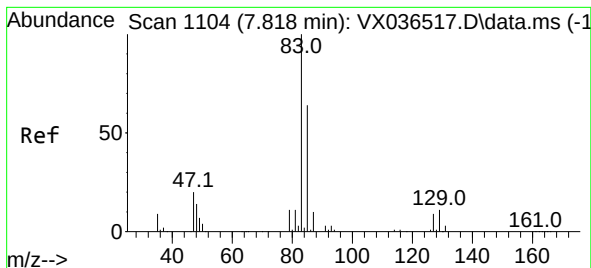
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#37
1,2-Dichloropropane
Concen: 2.417 ug/L
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

Tgt Ion: 63 Resp: 4879
Ion Ratio Lower Upper
63 100
112 2.6 3.1 4.7#





#38

Bromodichloromethane

Concen: 2.058 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX036521.D

Acq: 13 Jul 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

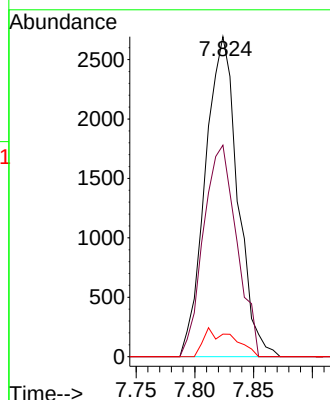
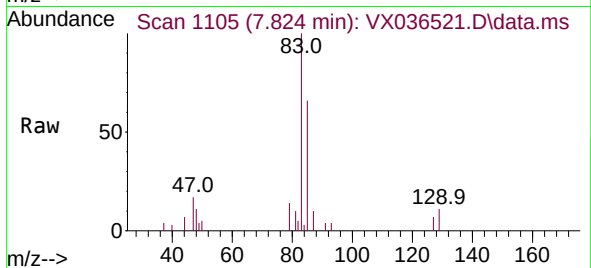
MDL-MED-SOIL-QT3-2023-06

Tgt Ion: 83	Resp: 5179
Ion Ratio	Lower Upper
83 100	
85 66.1	46.9 87.1
127 7.1	7.2 10.8

Manual Integrations

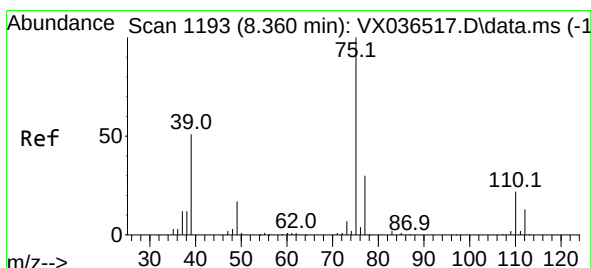
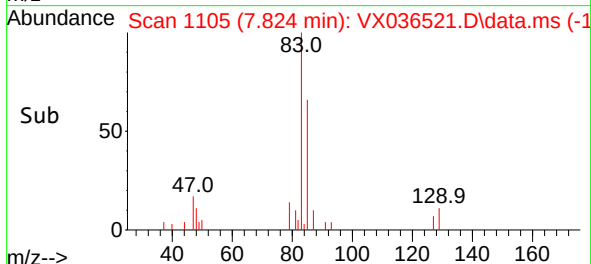
APPROVED

Reviewed By :John
Carlone



07/14/2023
Supervised By :Semsettin
Yesilyurt

07/14/2023



#39

cis-1,3-Dichloropropene

Concen: 2.149 ug/L

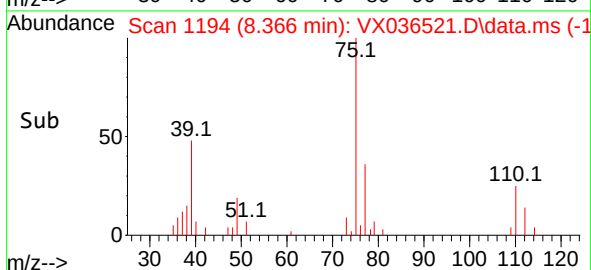
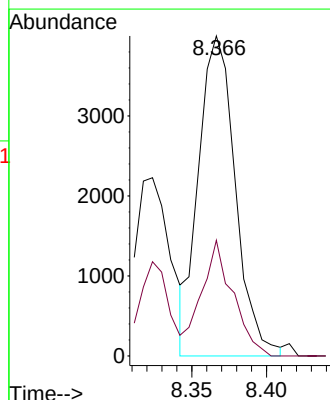
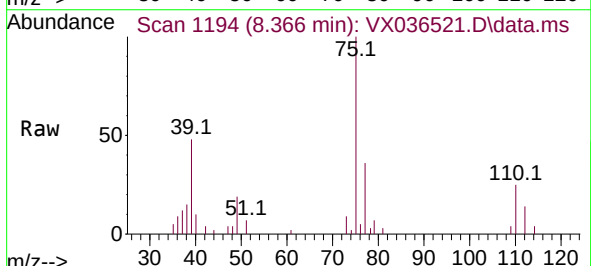
RT: 8.366 min Scan# 1194

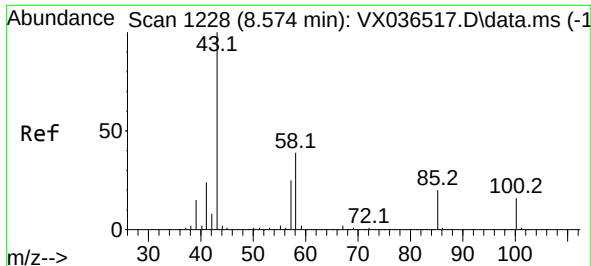
Delta R.T. 0.000 min

Lab File: VX036521.D

Acq: 13 Jul 2023 12:45

Tgt Ion: 75	Resp: 6835
Ion Ratio	Lower Upper
75 100	
77 36.1	22.7 42.1





#40

4-Methyl-2-pentanone

Concen: 4.943 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036521.D

Acq: 13 Jul 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

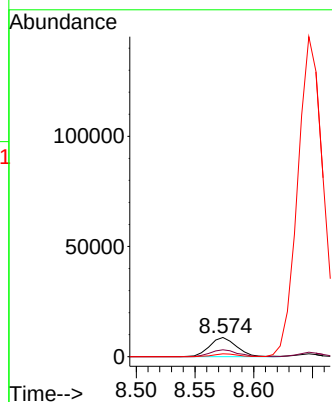
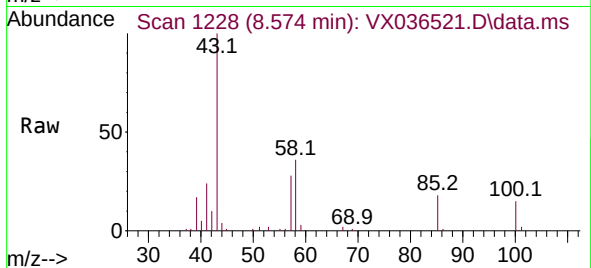
Tgt Ion: 43 Resp: 13900

Ion	Ratio	Lower	Upper
43	100		
58	35.8	31.4	47.0
100	13.9	12.3	18.5

Manual Integrations

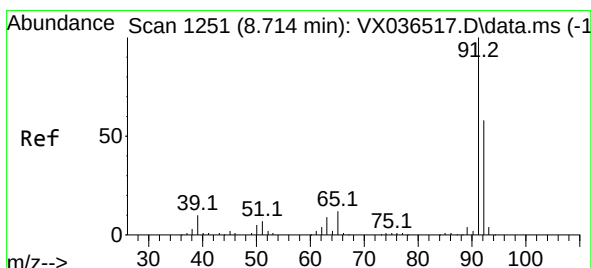
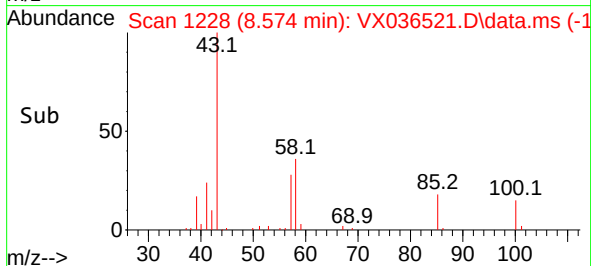
APPROVED

Reviewed By :John
Carlone



07/14/2023
Supervised By :Semsettin
Yesilyurt

07/14/2023



#42

Toluene

Concen: 2.413 ug/L

RT: 8.720 min Scan# 1252

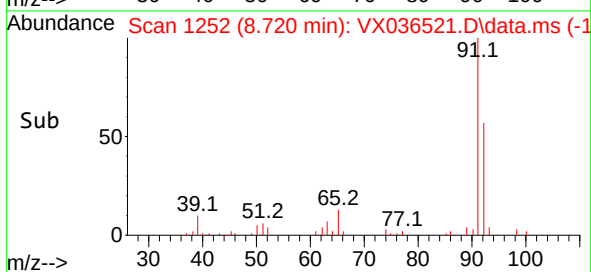
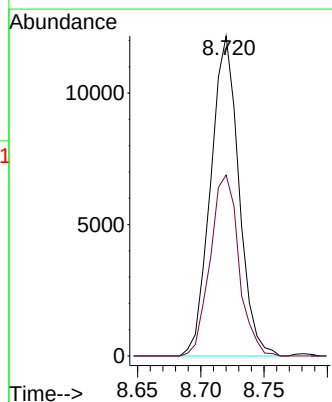
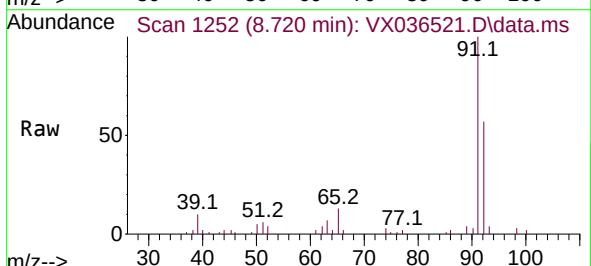
Delta R.T. 0.000 min

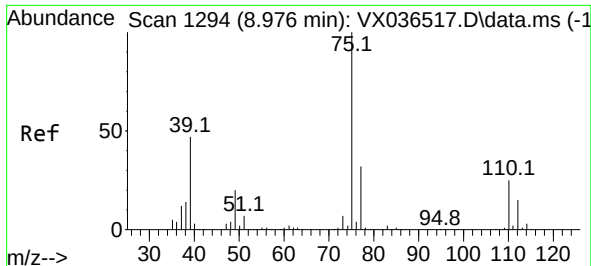
Lab File: VX036521.D

Acq: 13 Jul 2023 12:45

Tgt Ion: 91 Resp: 18846

Ion	Ratio	Lower	Upper
91	100		
92	56.6	40.3	74.9





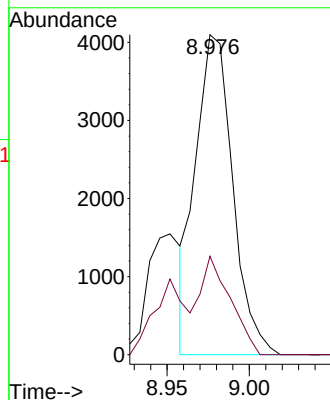
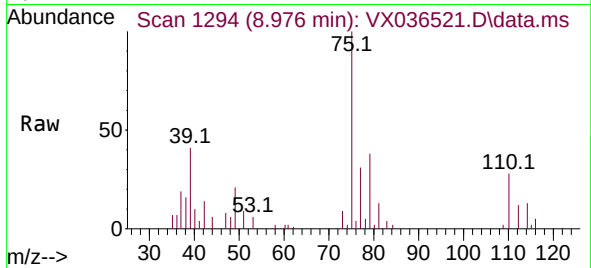
#44
trans-1,3-Dichloropropene
Concen: 2.192 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

Tgt Ion: 75 Resp: 6418
Ion Ratio Lower Upper
75 100
77 30.7 22.9 42.5

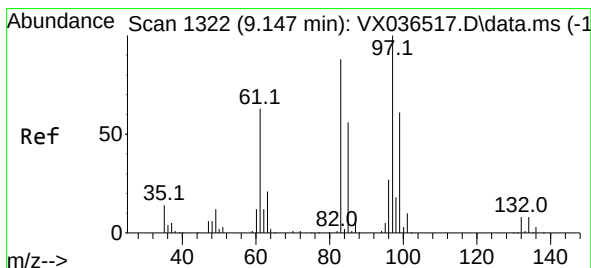
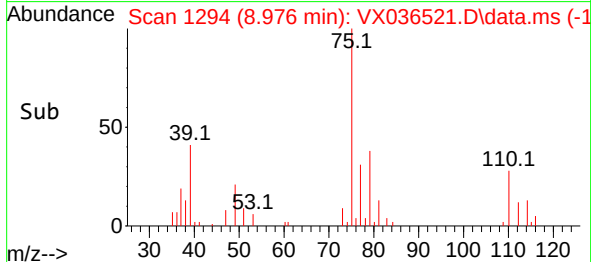
Manual Integrations
APPROVED

Reviewed By :John
Carlone



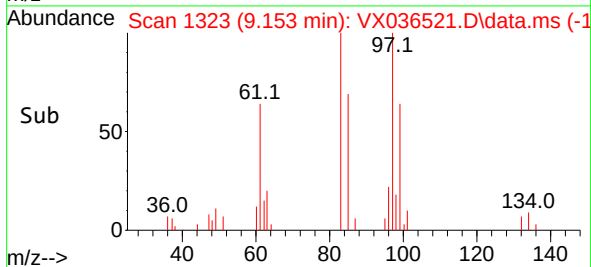
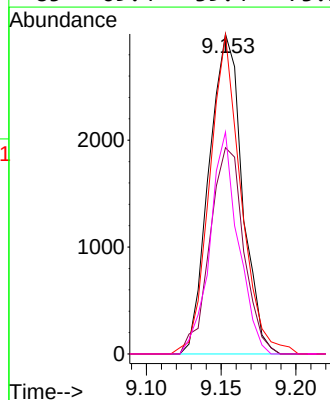
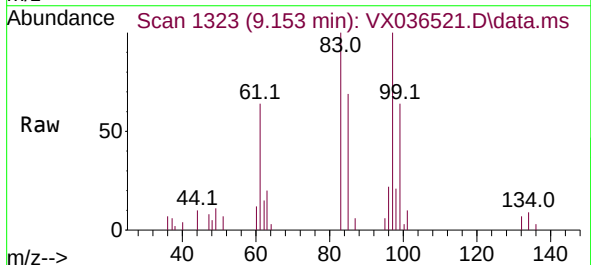
07/14/2023
Supervised By :Semsettin
Yesilyurt

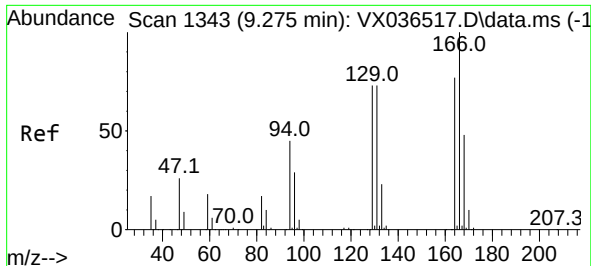
07/14/2023



#45
1,1,2-Trichloroethane
Concen: 2.412 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

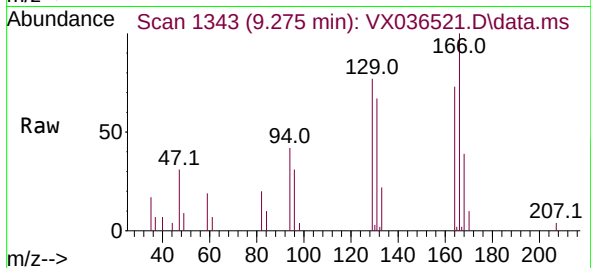
Tgt Ion: 97 Resp: 4627
Ion Ratio Lower Upper
97 100
99 64.5 45.1 83.9
83 99.7 60.6 112.6
85 69.4 39.4 73.2





#46
Tetrachloroethene
Concen: 2.405 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

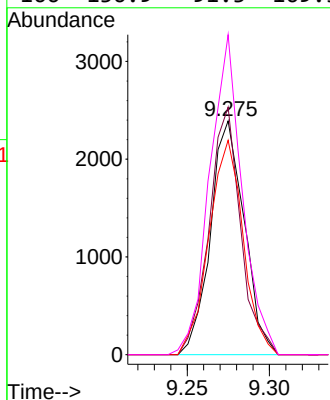
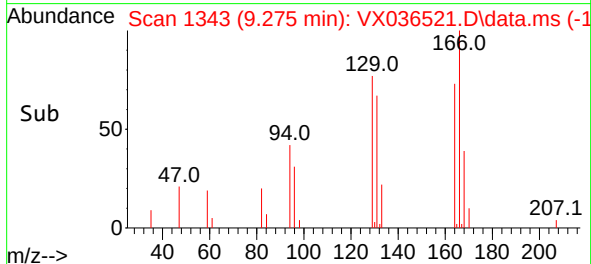
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2023-06



Tgt Ion:164 Resp: 342
Ion Ratio Lower Upper
164 100
129 105.9 72.0 133.8
131 91.7 65.7 121.9
166 136.9 91.3 169.5

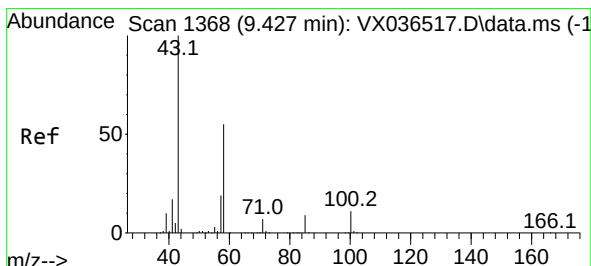
Manual Integrations
APPROVED

Reviewed By :John
Carlone



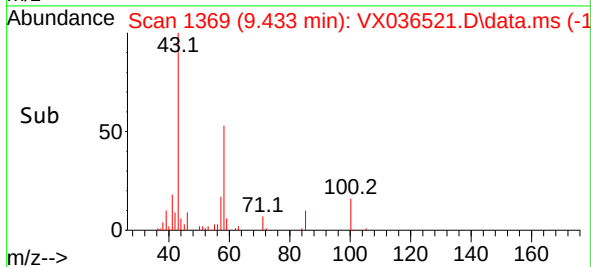
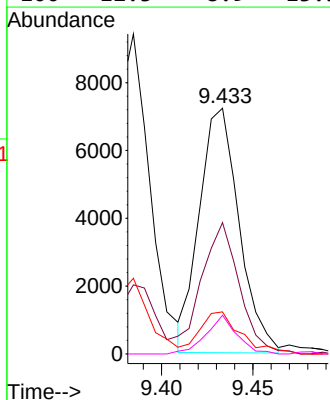
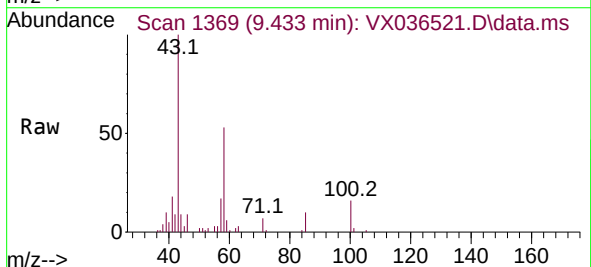
07/14/2023
Supervised By :Semsettin
Yesilyurt

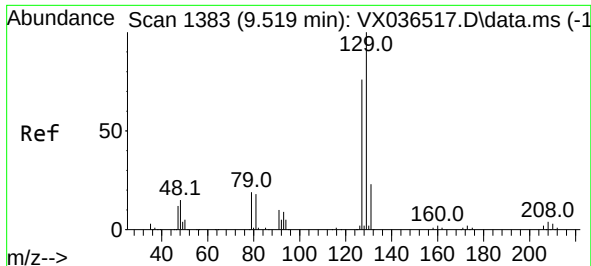
07/14/2023



#48
2-Hexanone
Concen: 4.974 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

Tgt Ion: 43 Resp: 10936
Ion Ratio Lower Upper
43 100
58 52.0 42.5 63.7
57 13.1 15.0 22.4#
100 12.3 8.9 13.3





#49

Dibromochloromethane

Concen: 2.171 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX036521.D

Acq: 13 Jul 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

Tgt Ion:129 Resp: 418

Ion Ratio Lower Upper

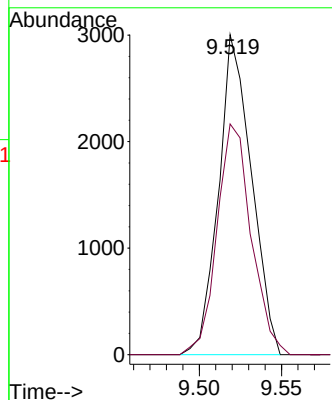
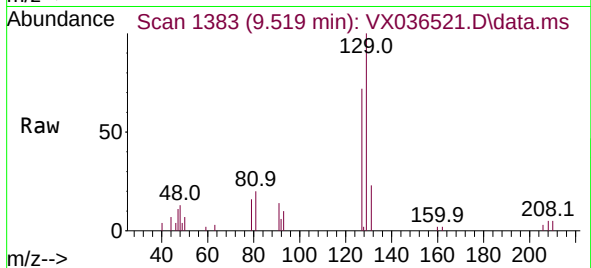
129 100

127 72.1 54.8 101.8

Manual Integrations

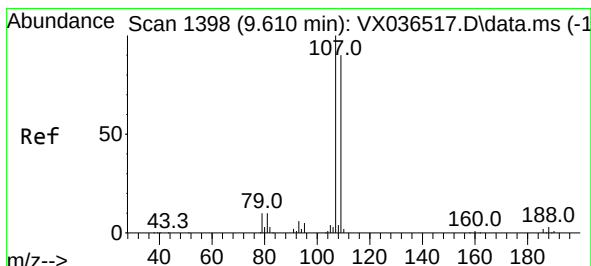
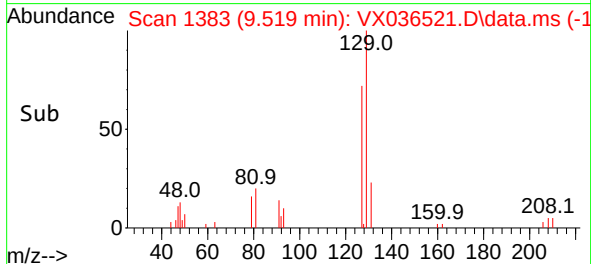
APPROVED

Reviewed By :John
Carlone



07/14/2023
Supervised By :Semsettin
Yesilyurt

07/14/2023



#50

1,2-Dibromoethane

Concen: 2.192 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX036521.D

Acq: 13 Jul 2023 12:45

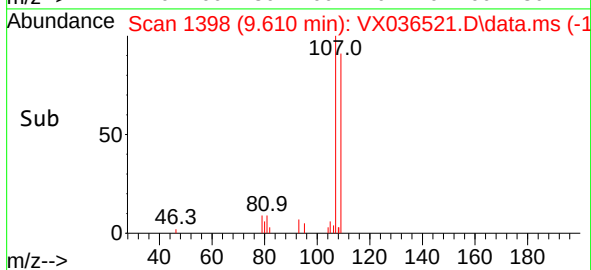
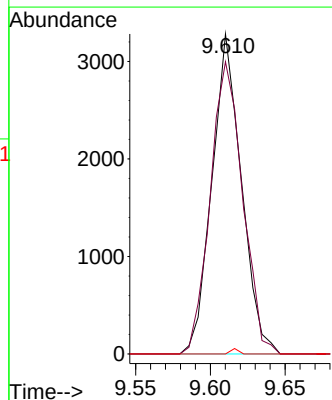
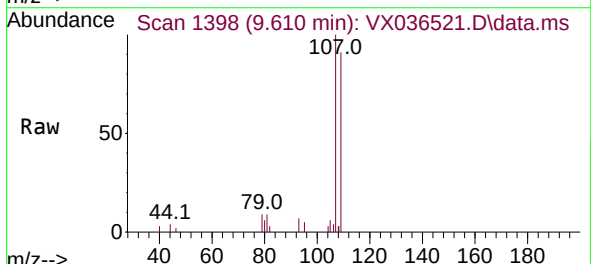
Tgt Ion:107 Resp: 4507

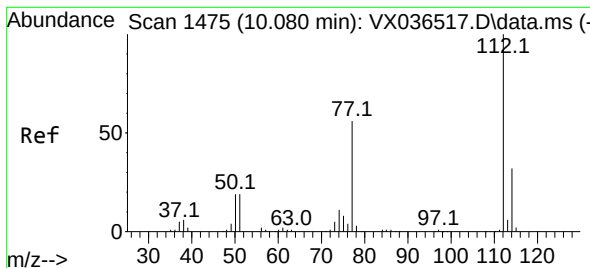
Ion Ratio Lower Upper

107 100

109 91.3 67.3 124.9

188 0.0 2.8 4.2#





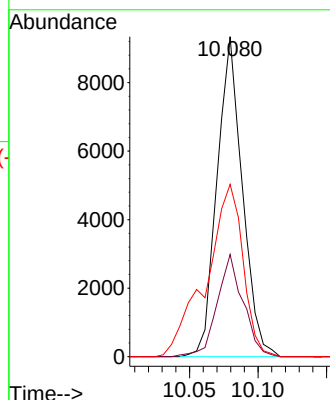
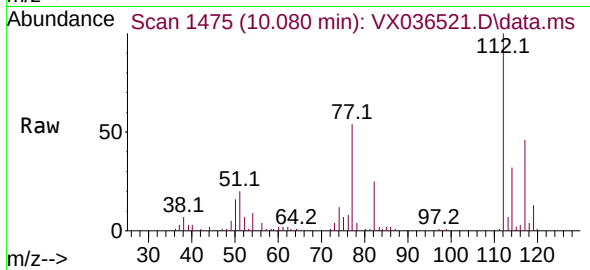
#51
Chlorobenzene
Concen: 2.362 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

Tgt Ion:112 Resp: 11994
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.3
77 53.8 45.2 67.8

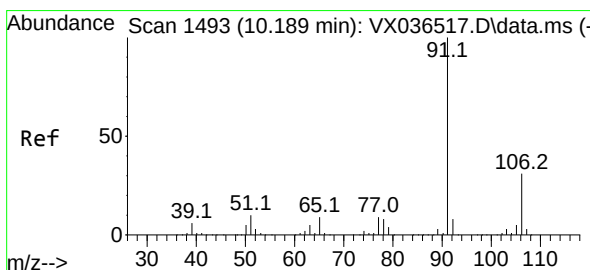
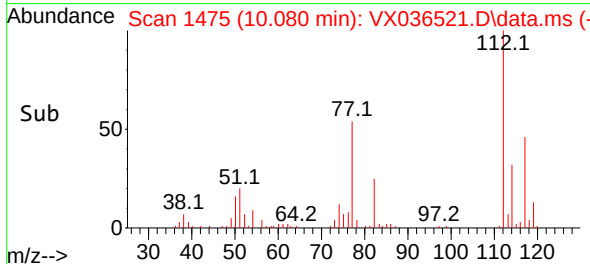
Manual Integrations
APPROVED

Reviewed By :John
Carlone



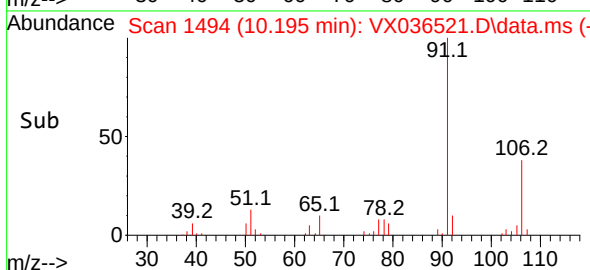
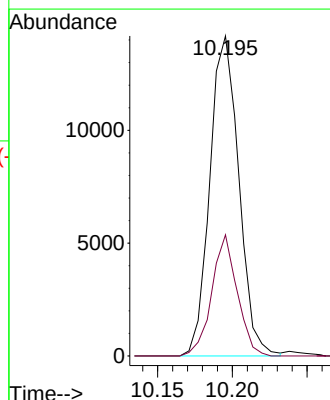
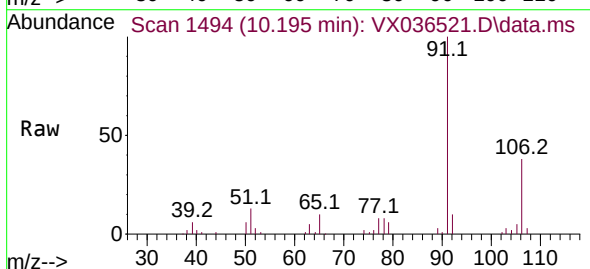
07/14/2023
Supervised By :Semsettin
Yesilyurt

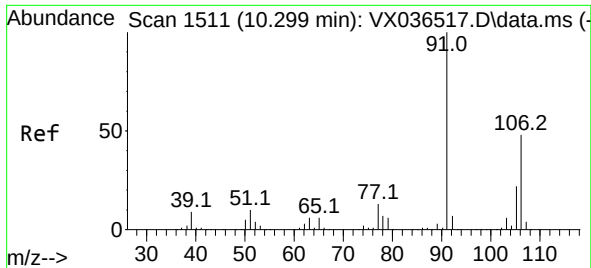
07/14/2023



#52
Ethylbenzene
Concen: 2.223 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

Tgt Ion: 91 Resp: 19111
Ion Ratio Lower Upper
91 100
106 37.9 22.1 41.1





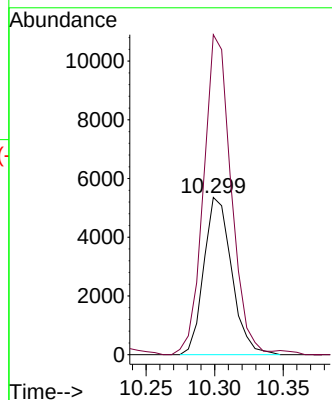
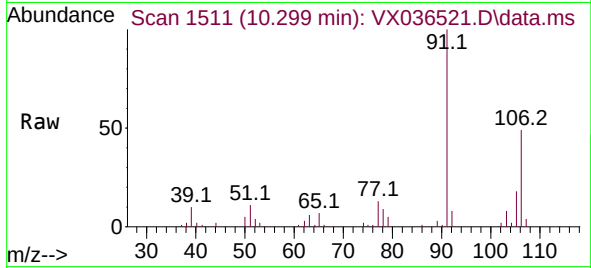
#53
m,p-Xylene
Concen: 2.308 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

Tgt Ion:106 Resp: 7569
Ion Ratio Lower Upper
106 100
91 203.5 143.1 265.9

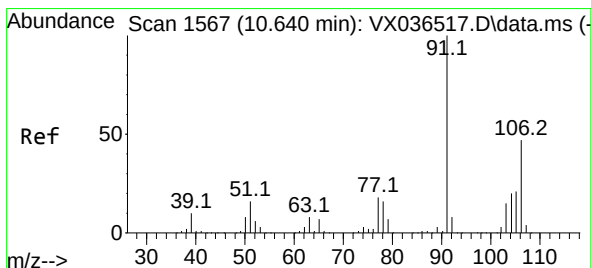
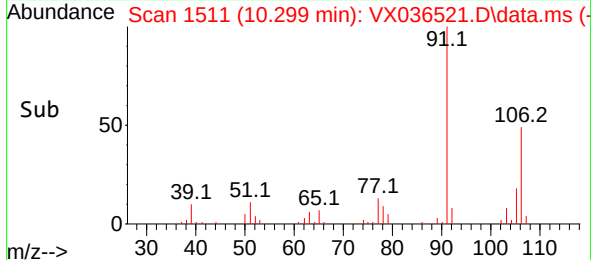
Manual Integrations
APPROVED

Reviewed By :John
Carlone



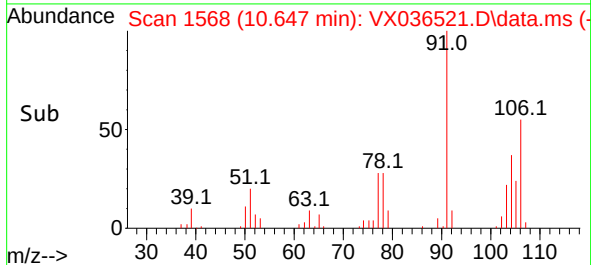
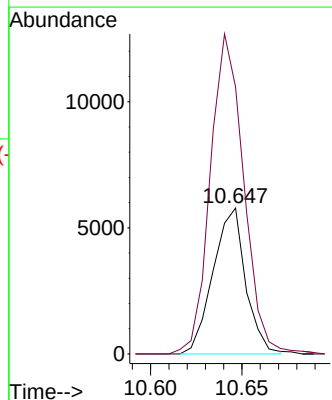
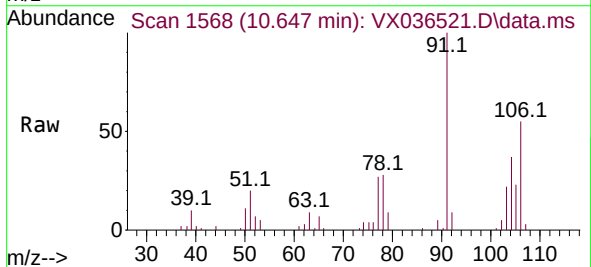
07/14/2023
Supervised By :Semsettin
Yesilyurt

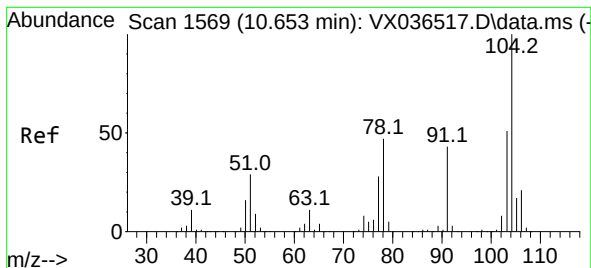
07/14/2023



#54
o-Xylene
Concen: 2.207 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

Tgt Ion:106 Resp: 7178
Ion Ratio Lower Upper
106 100
91 183.1 147.8 274.4





#55

Styrene

Concen: 2.066 ug/L

RT: 10.659 min Scan# 11204

Delta R.T. 0.006 min

Lab File: VX036521.D

Acq: 13 Jul 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

Tgt Ion:104 Resp: 11204

Ion Ratio Lower Upper

104 100

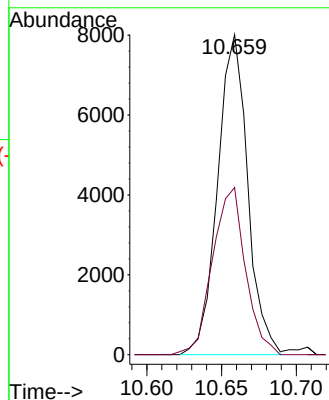
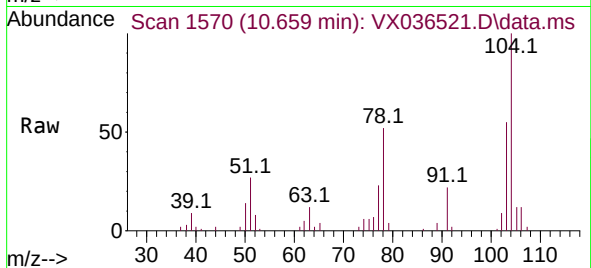
78 52.2 33.5 62.3

Manual Integrations

APPROVED

Reviewed By :John

Carlone

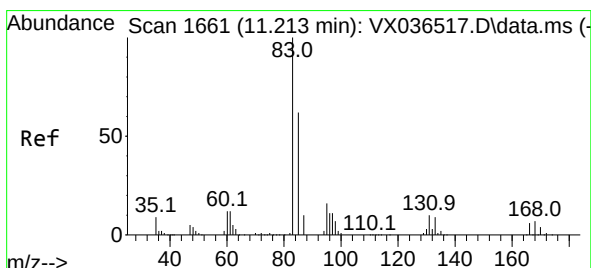
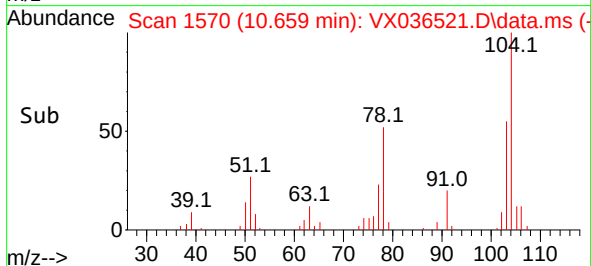


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Supervised By :Semsettin

Yesilyurt

07/14/2023



#57

1,1,2,2-Tetrachloroethane

Concen: 2.483 ug/L

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX036521.D

Acq: 13 Jul 2023 12:45

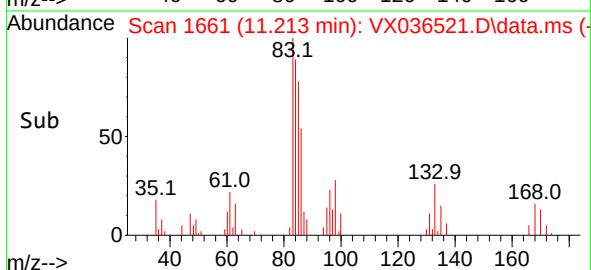
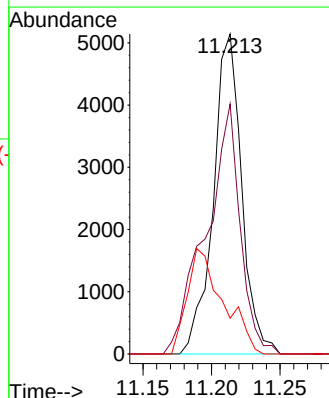
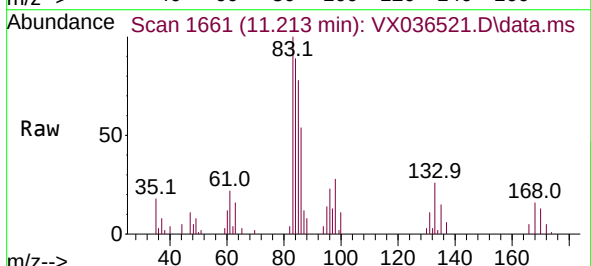
Tgt Ion: 83 Resp: 7399

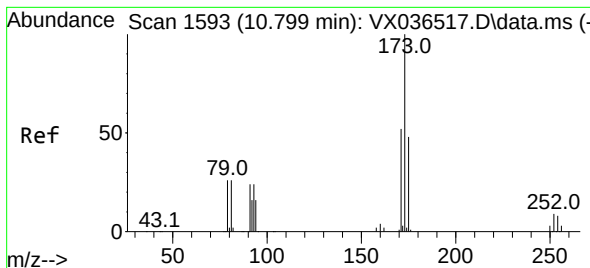
Ion Ratio Lower Upper

83 100

85 78.2 44.9 83.3

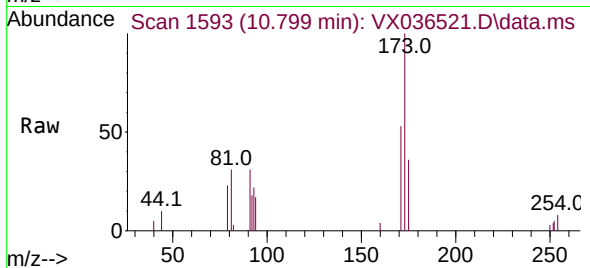
131 11.1 7.4 11.0#





#59
Bromoform
Concen: 2.104 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

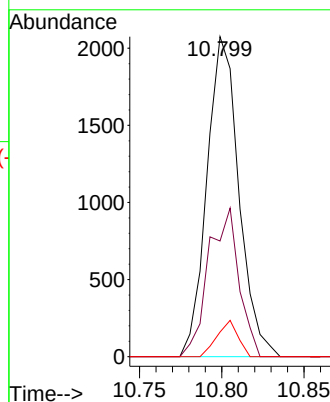
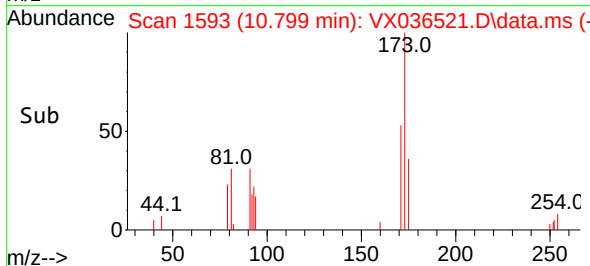
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2023-06



Tgt Ion:173 Resp: 280
Ion Ratio Lower Upper
173 100
175 44.2 39.5 59.3
254 7.4 7.0 10.4

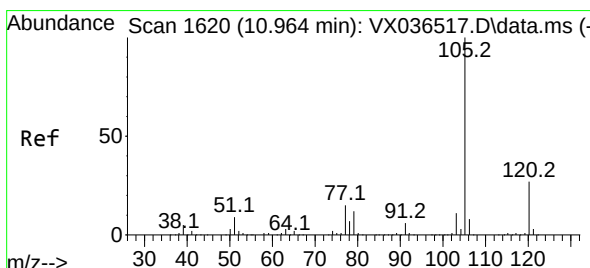
Manual Integrations
APPROVED

Reviewed By :John
Carlone

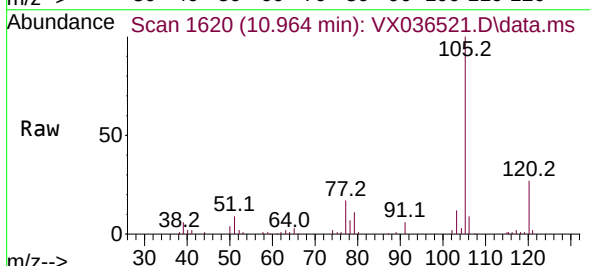


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Supervised By :Semsettin
Yesilyurt

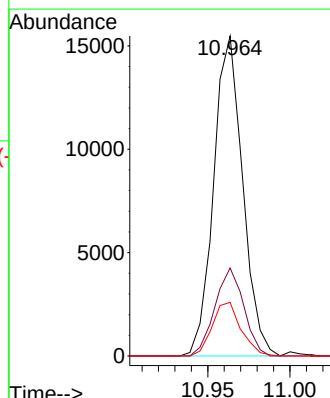
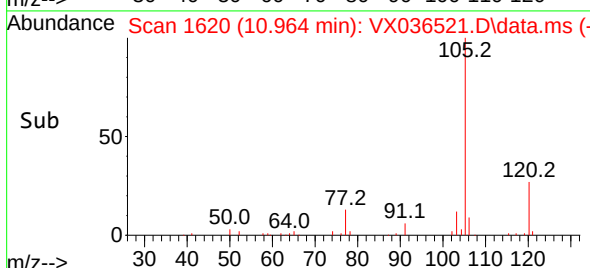
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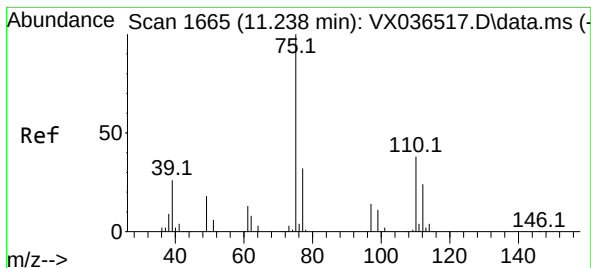


#60
Isopropylbenzene
Concen: 2.312 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45



Tgt Ion:105 Resp: 18969
Ion Ratio Lower Upper
105 100
120 27.3 21.5 32.3
77 16.7 12.7 19.1





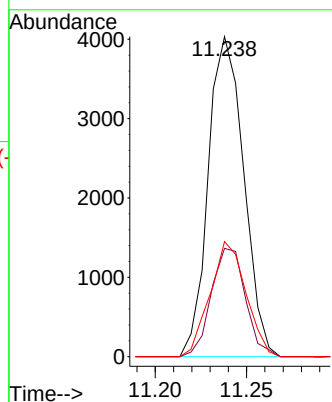
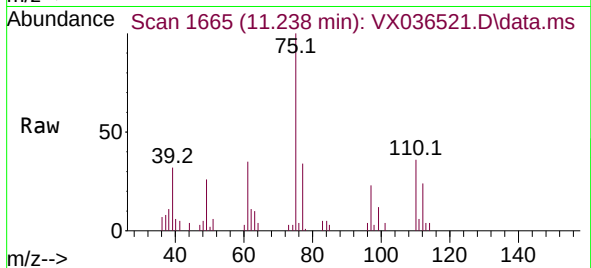
#61
1,2,3-Trichloropropane
Concen: 2.365 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

Tgt Ion: 75 Resp: 545
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0
110 36.3 29.9 44.9

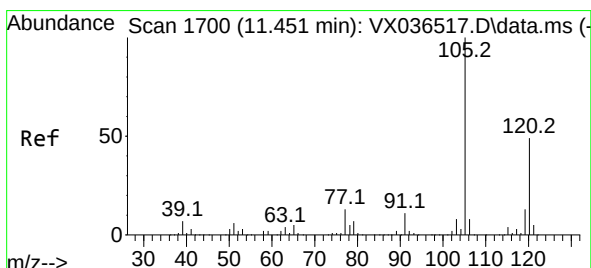
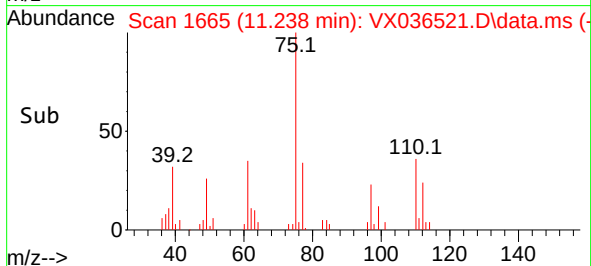
Manual Integrations
APPROVED

Reviewed By :John
Carlone



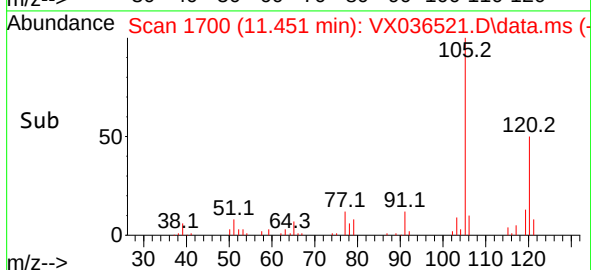
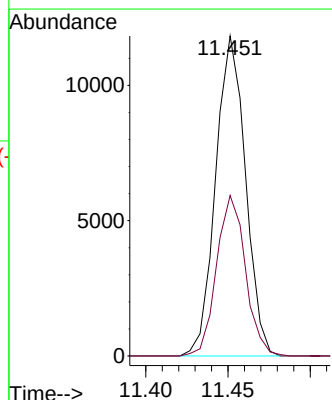
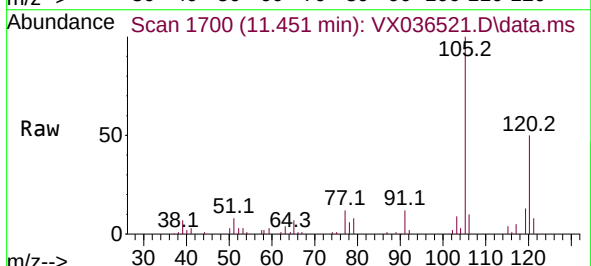
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Supervised By :Semsettin
Yesilyurt

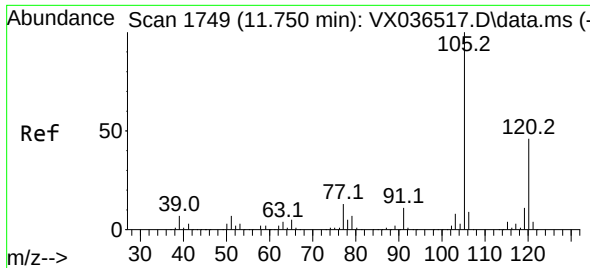
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#62
1,3,5-Trimethylbenzene
Concen: 2.177 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

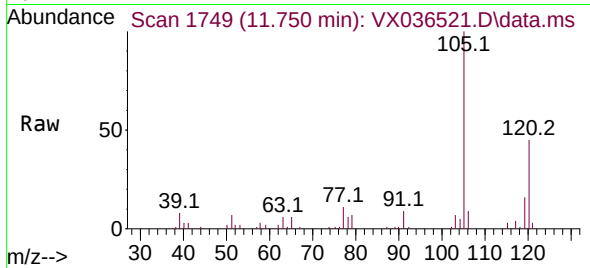
Tgt Ion:105 Resp: 14934
Ion Ratio Lower Upper
105 100
120 48.4 38.3 57.5





#63
1,2,4-Trimethylbenzene
Concen: 2.235 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

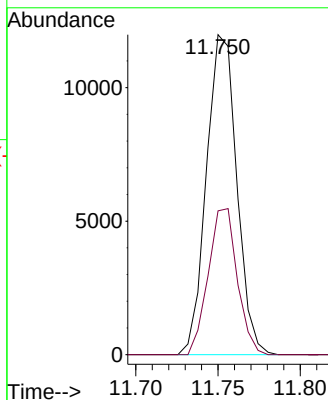
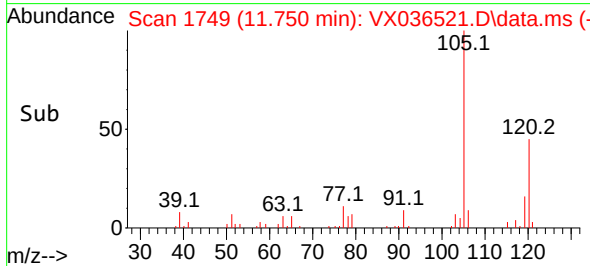
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2023-06



Tgt Ion:105 Resp: 1537
Ion Ratio Lower Upper
105 100
120 43.6 36.7 55.1

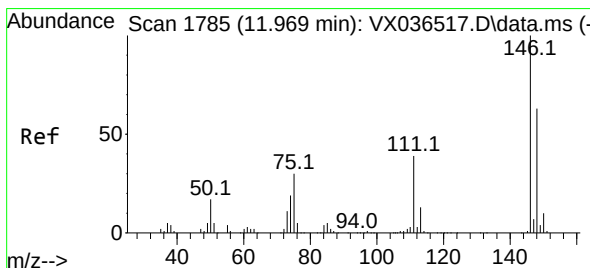
Manual Integrations
APPROVED

Reviewed By :John
Carlone

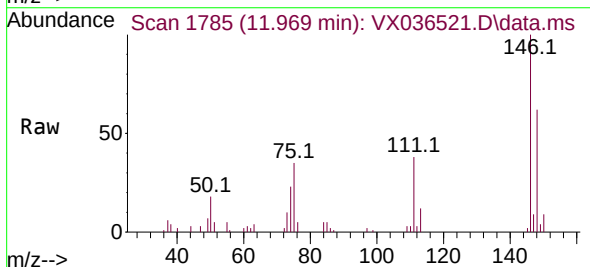


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Supervised By :Semsettin
Yesilyurt

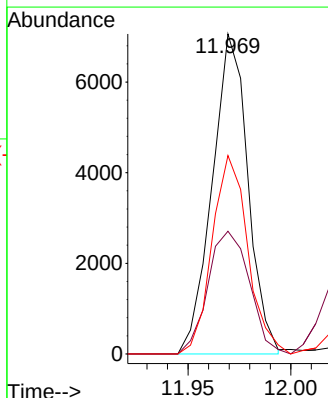
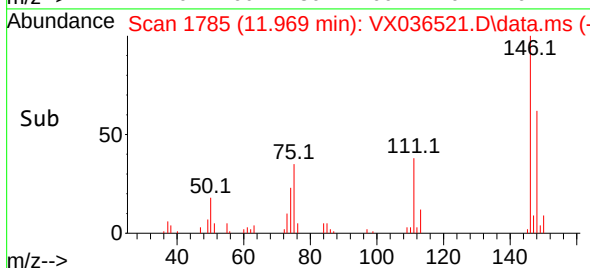
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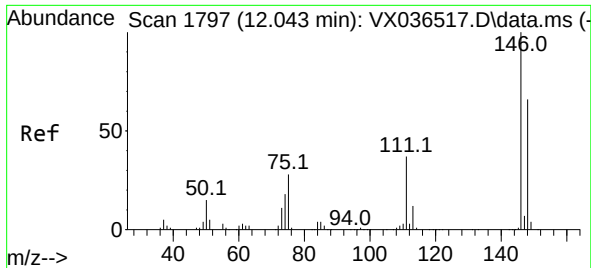


#64
1,3-Dichlorobenzene
Concen: 2.323 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45



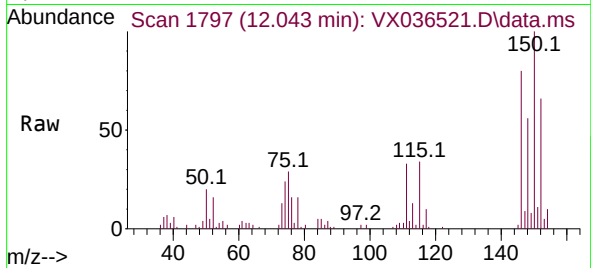
Tgt Ion:146 Resp: 8528
Ion Ratio Lower Upper
146 100
111 38.3 29.5 54.7
148 62.0 44.9 83.5





#65
1,4-Dichlorobenzene
Concen: 2.291 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45

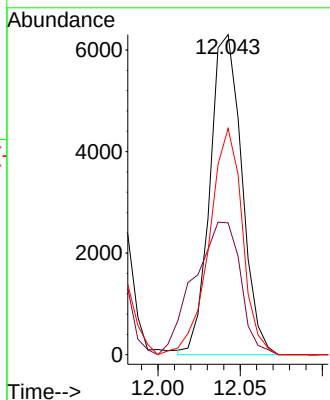
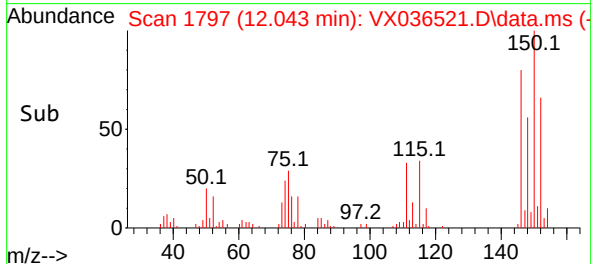
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2023-06



Tgt Ion:146 Resp: 849
Ion Ratio Lower Upper
146 100
111 41.2 27.1 50.3
148 70.7 45.2 84.0

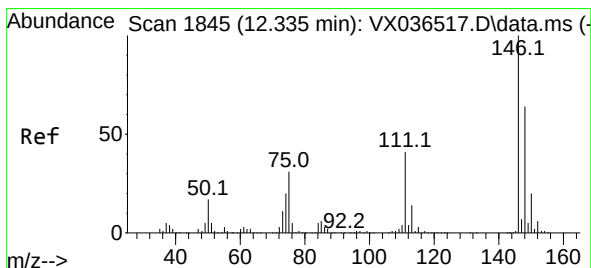
Manual Integrations
APPROVED

Reviewed By :John
Carlone

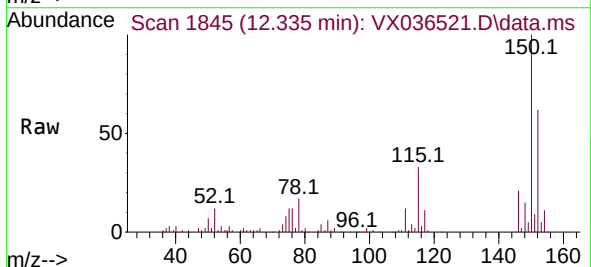


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Supervised By :Semsettin
Yesilyurt

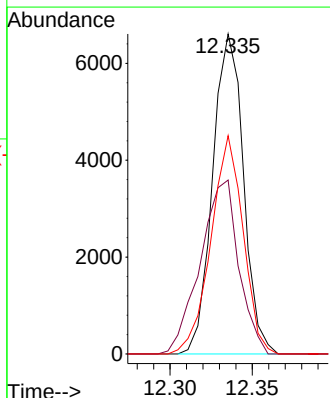
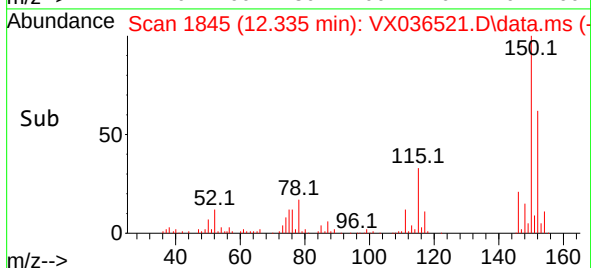
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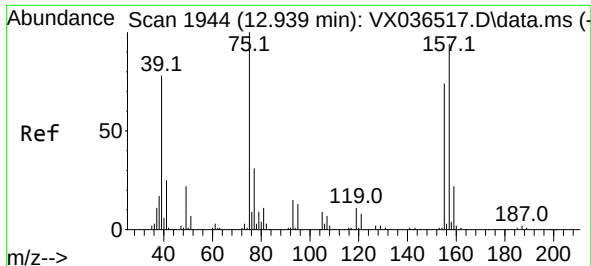


#67
1,2-Dichlorobenzene
Concen: 2.358 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036521.D
Acq: 13 Jul 2023 12:45



Tgt Ion:146 Resp: 8587
Ion Ratio Lower Upper
146 100
111 54.4 34.4 51.6#
148 68.2 51.9 77.9





#68

1,2-Dibromo-3-chloropropane

Concen: 2.203 ug/L

RT: 12.945 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX036521.D

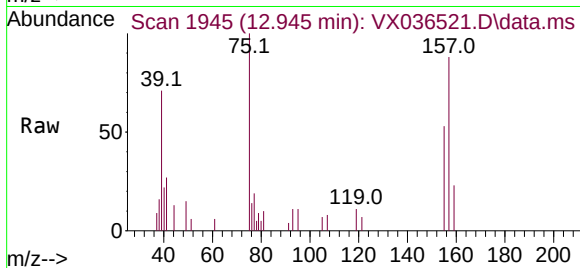
Acq: 13 Jul 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

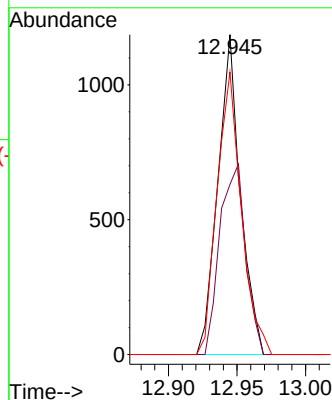


Tgt Ion:	75	Resp:	135
Ion Ratio	Lower	Upper	
75	100		
155	53.2	68.4	102.6
157	88.3	86.8	130.2

Manual Integrations

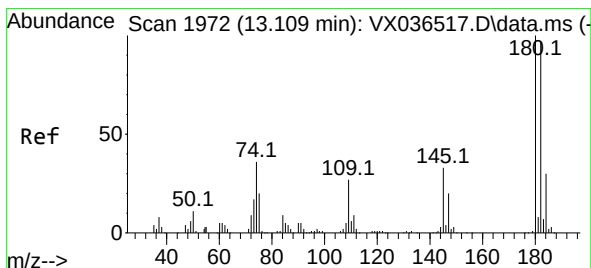
APPROVED

Reviewed By :John
Carlone



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Supervised By :Semsettin
Yesilyurt

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#69

1,3,5-Trichlorobenzene

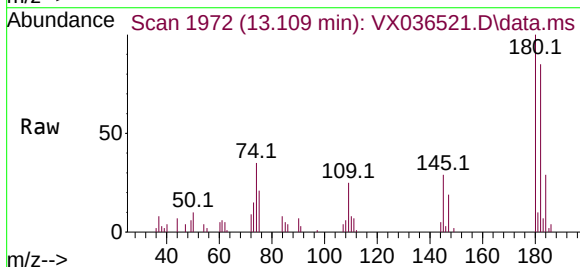
Concen: 2.262 ug/L

RT: 13.109 min Scan# 1972

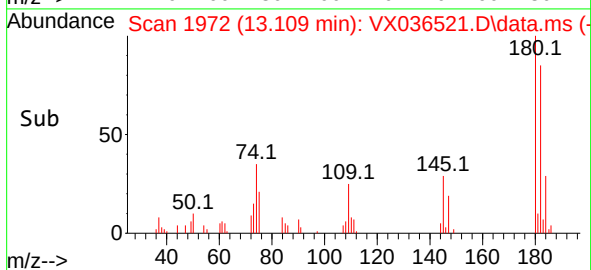
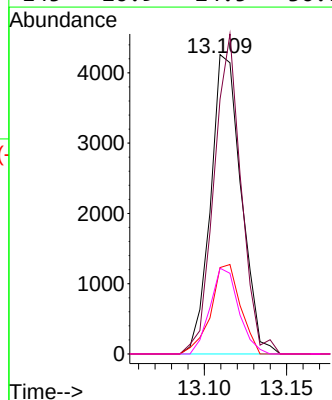
Delta R.T. 0.000 min

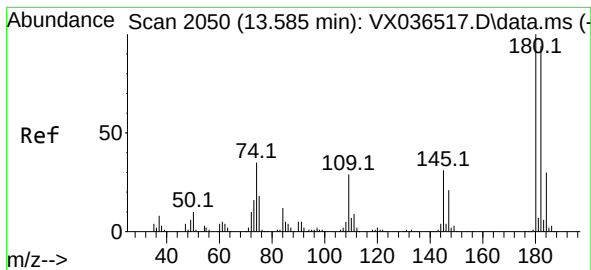
Lab File: VX036521.D

Acq: 13 Jul 2023 12:45



Tgt Ion:	180	Resp:	5510
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.2	112.8
184	28.7	23.9	35.9
145	26.9	24.5	36.7





#70

1,2,4-trichlorobenzene

Concen: 2.342 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX036521.D

Acq: 13 Jul 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

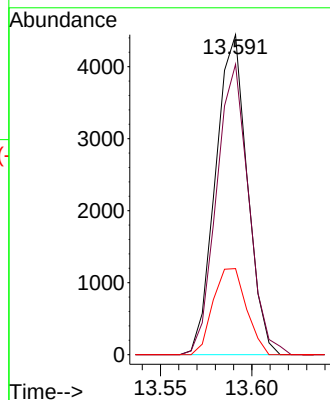
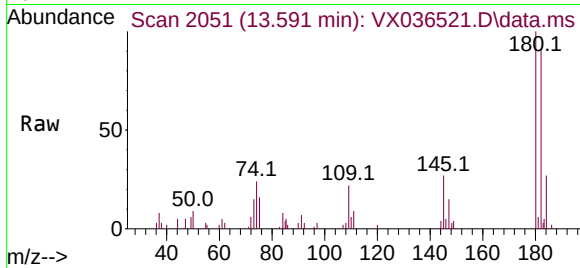
MDL-MED-SOIL-QT3-2023-06

Tgt Ion:180	Resp:	538
Ion Ratio	Lower	Upper
180	100	
182	91.5	74.7 112.1
145	28.2	25.3 37.9

Manual Integrations

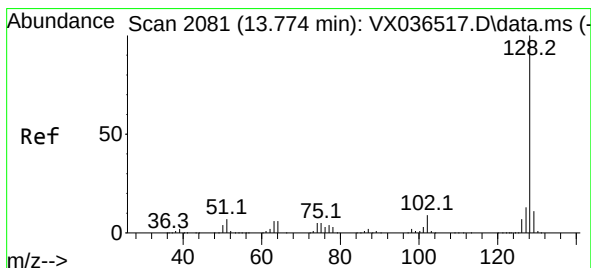
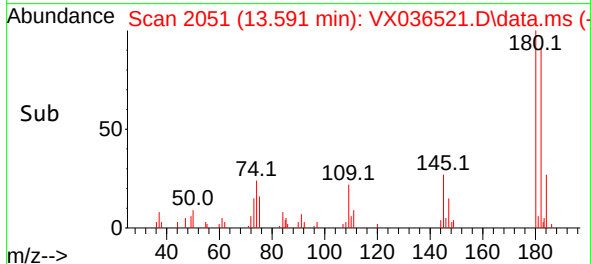
APPROVED

Reviewed By :John
Carlone



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Supervised By :Semsettin
Yesilyurt

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#71

Naphthalene

Concen: 2.163 ug/L

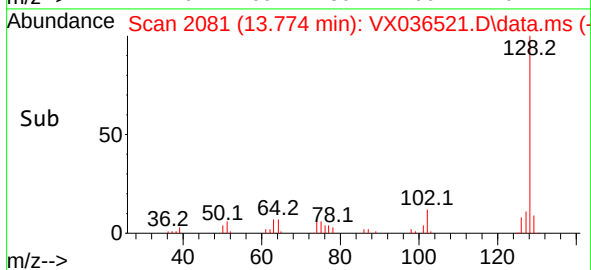
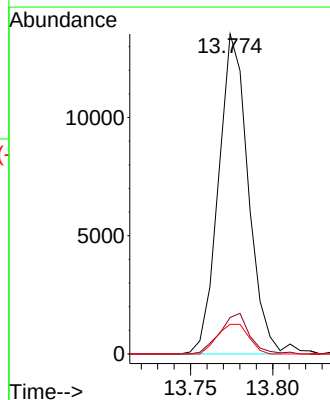
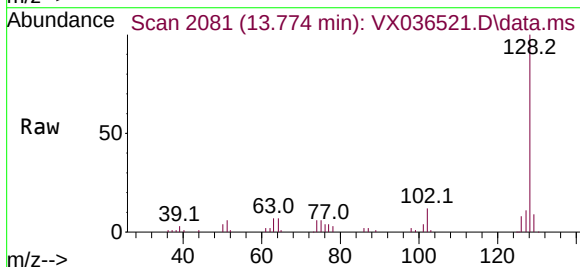
RT: 13.774 min Scan# 2081

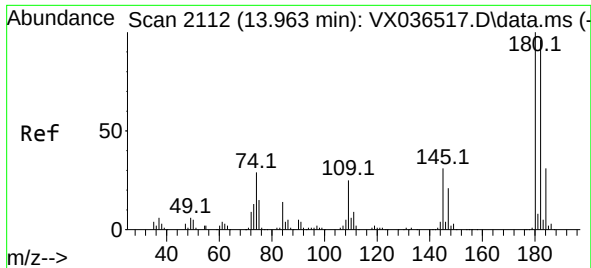
Delta R.T. 0.000 min

Lab File: VX036521.D

Acq: 13 Jul 2023 12:45

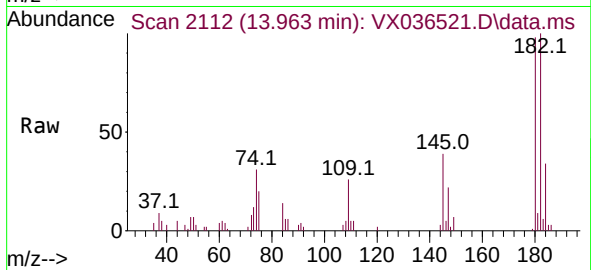
Tgt Ion:128	Resp:	16960
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.6 16.0
129	9.9	8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 2.255 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX036521.D
 Acq: 13 Jul 2023 12:45

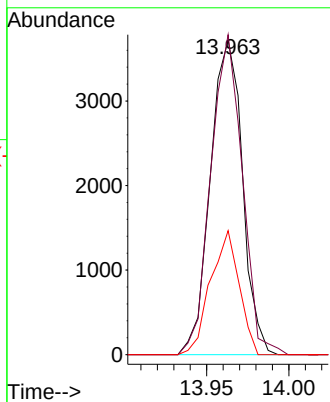
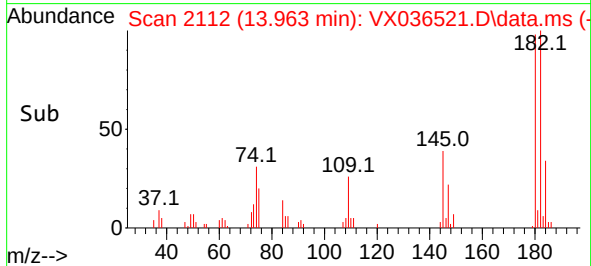
Instrument : MSVOA_X
 ClientSampleId : MDL-MED-SOIL-QT3-2023-06



Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	78.6	117.8
145	35.2	27.5	41.3

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone



07/14/2023
 Supervised By :Semsettin
 Yesilyurt

07/14/2023