

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081622\
 Data File : VX030645.D
 Acq On : 16 Aug 2022 11:08
 Operator : JC/MD
 Sample : N4015-06
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT3-2022-06

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Aug 17 02:40:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 17 02:19:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	315064	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	284599	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	136244	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	58414	28.871	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.740%#
7) Chloroethane-d5	1.666	69	56408	39.548	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.100%
11) 1,1-Dichloroethene-d2	2.306	63	104139	27.210	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.420%#
21) 2-Butanone-d5	4.458	46	218510	116.559	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.560%
24) Chloroform-d	5.062	84	184702	44.346	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.700%
26) 1,2-Dichloroethane-d4	5.958	65	127180	44.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.940%
32) Benzene-d6	5.976	84	324600	39.817	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.640%
36) 1,2-Dichloropropane-d6	7.312	67	120795	45.670	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.340%
41) Toluene-d8	8.653	98	276799	36.021	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.040%#
43) trans-1,3-Dichloroprop...	8.952	79	52321	39.763	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.520%
47) 2-Hexanone-d5	9.384	63	147285	109.247	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.250%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	184544	53.112	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.220%
66) 1,2-Dichlorobenzene-d4	12.323	152	116490	44.082	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.160%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	4732	1.996	ug/L	96
3) Chloromethane	1.288	50	4586	2.250	ug/L	97
5) Vinyl chloride	1.374	62	5161	2.370	ug/L #	74
6) Bromomethane	1.611	94	1882	1.839	ug/L	79
8) Chloroethane	1.685	64	2868	2.312	ug/L	90
9) Trichlorofluoromethane	1.886	101	7023	2.182	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	5781	3.020	ug/L #	85
12) 1,1-Dichloroethene	2.325	96	4891	2.774	ug/L #	1
13) Acetone	2.392	43	7156	5.208	ug/L	96
14) Carbon disulfide	2.508	76	10812	1.892	ug/L	99
15) Methyl Acetate	2.703	43	6551	2.304	ug/L #	86
17) trans-1,2-Dichloroethene	3.093	96	4398	2.153	ug/L	87
18) Methyl tert-butyl Ether	3.117	73	15510	2.232	ug/L #	90
19) 1,1-Dichloroethane	3.611	63	9078	2.297	ug/L #	94
20) cis-1,2-Dichloroethene	4.489	96	5378	2.340	ug/L	97
22) 2-Butanone	4.568	43	10366m	4.783	ug/L	
23) Bromochloromethane	4.897	128	2949m	2.559	ug/L	
27) 1,2-Dichloroethane	6.086	62	8216	2.378	ug/L	98
29) Cyclohexane	5.477	56	7888	2.085	ug/L #	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
30) 1,1,1-Trichloroethane	5.391	97	7798	2.077	ug/L #	88	08/17/2022
31) Carbon tetrachloride	5.678	117	7007	2.262	ug/L #	65	Supervised By :Semsettin Yesilyurt
33) Benzene	6.037	78	19707	2.160	ug/L	100	
35) Methylcyclohexane	7.379	83	7633	1.984	ug/L	95	
37) 1,2-Dichloropropane	7.434	63	6142	2.532	ug/L	99	
38) Bromodichloromethane	7.824	83	7468	2.326	ug/L	99	
39) cis-1,3-Dichloropropene	8.372	75	8337m	2.304	ug/L		08/17/2022
40) 4-Methyl-2-pentanone	8.574	43	16969	4.016	ug/L	97	
42) Toluene	8.720	91	20967	2.175	ug/L	98	
44) trans-1,3-Dichloropropene	8.982	75	9594	2.708	ug/L	94	
45) 1,1,2-Trichloroethane	9.159	97	5059	2.242	ug/L	97	
46) Tetrachloroethene	9.281	164	3646	2.183	ug/L	89	
49) Dibromochloromethane	9.525	129	5066	2.111	ug/L	91	
50) 1,2-Dibromoethane	9.610	107	5245	2.114	ug/L #	89	
51) Chlorobenzene	10.079	112	13764	2.292	ug/L	96	
52) Ethylbenzene	10.195	91	21736	2.068	ug/L	99	
53) m,p-Xylene	10.299	106	8137	2.077	ug/L	88	
54) o-Xylene	10.640	106	7649	1.959	ug/L	91	
55) Styrene	10.659	104	12672	1.928	ug/L	89	
57) 1,1,2,2-Tetrachloroethane	11.213	83	8874	2.585	ug/L #	76	
59) Bromoform	10.805	173	2813	1.896	ug/L	95	
60) Isopropylbenzene	10.963	105	19451	2.014	ug/L	98	
61) 1,2,3-Trichloropropane	11.244	75	6966	2.381	ug/L	94	
62) 1,3,5-Trimethylbenzene	11.451	105	15252	1.850	ug/L	98	
63) 1,2,4-Trimethylbenzene	11.756	105	15269	1.834	ug/L	100	
64) 1,3-Dichlorobenzene	11.969	146	8786	2.093	ug/L	97	
65) 1,4-Dichlorobenzene	12.042	146	10046	2.354	ug/L	94	
67) 1,2-Dichlorobenzene	12.335	146	10468	2.411	ug/L	91	
68) 1,2-Dibromo-3-chloropr...	12.945	75	2067	2.142	ug/L	89	
69) 1,3,5-Trichlorobenzene	13.115	180	6000	2.038	ug/L	95	
70) 1,2,4-trichlorobenzene	13.591	180	5497	2.126	ug/L	95	
71) Naphthalene	13.780	128	19182	1.792	ug/L	97	
72) 1,2,3-Trichlorobenzene	13.963	180	5362	1.963	ug/L	96	

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

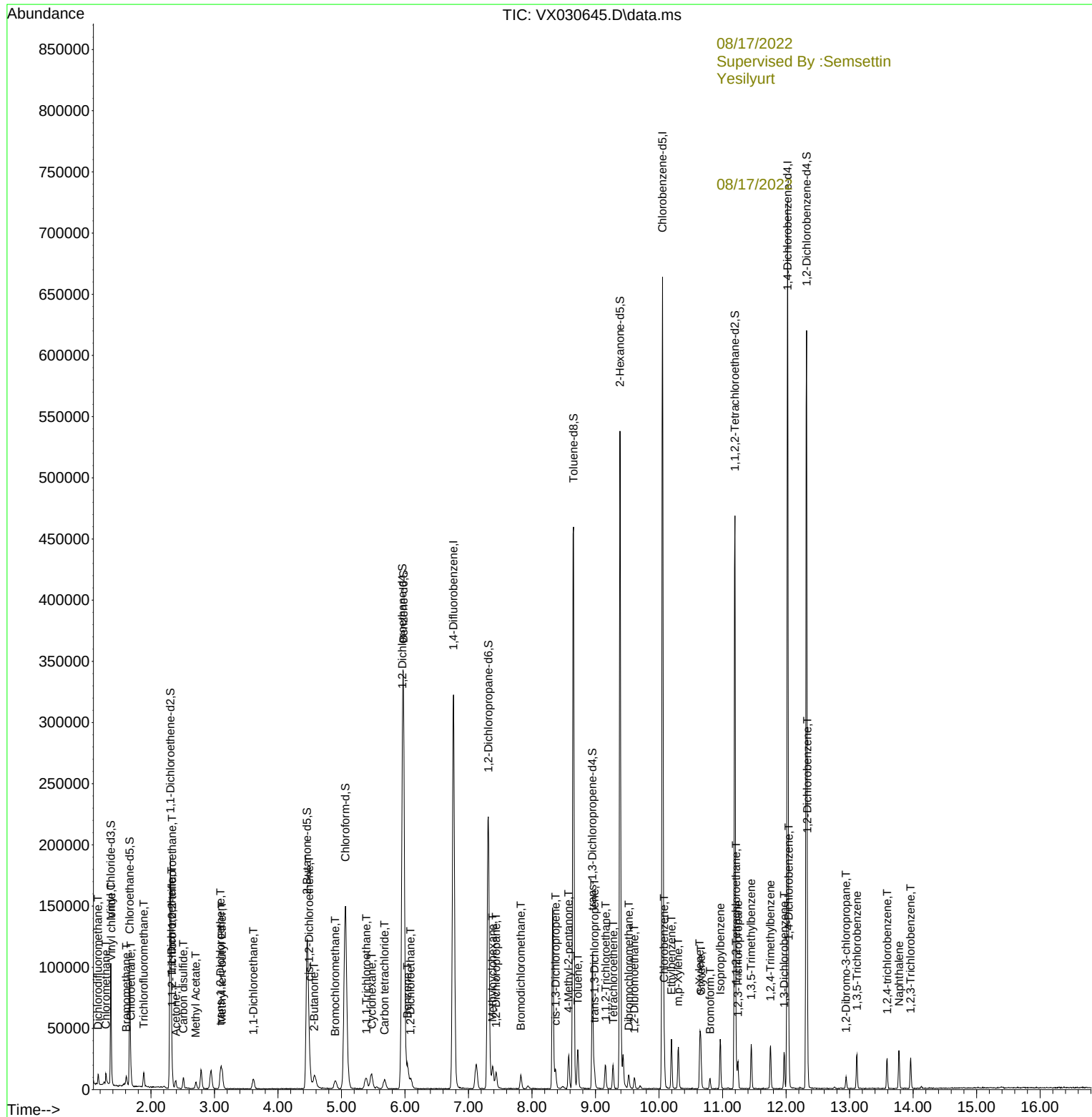
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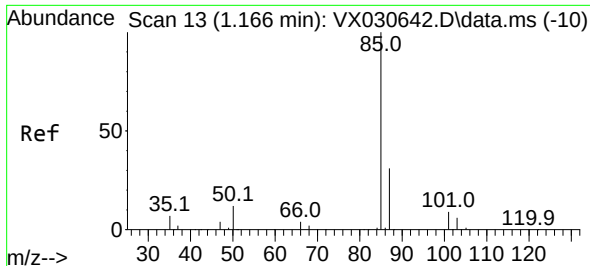
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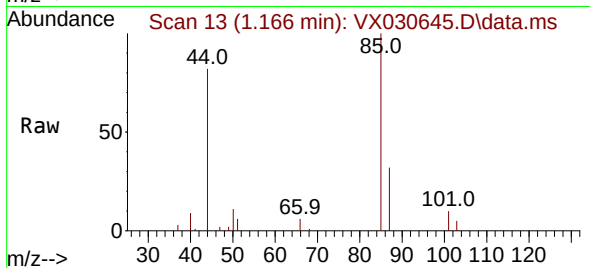
Reviewed By :John
Carlone





#2
Dichlorodifluoromethane
Concen: 1.996 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

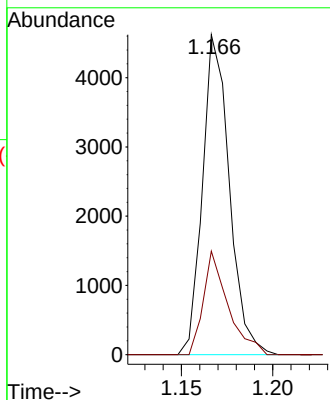
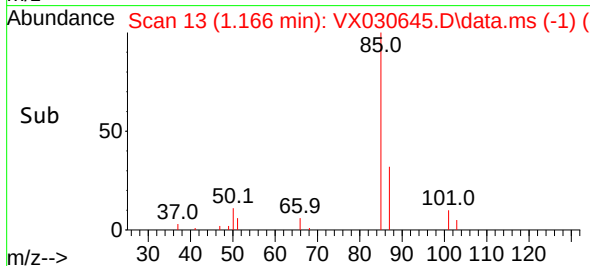
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2022-06



Tgt Ion: 85 Resp: 4732
Ion Ratio Lower Upper
85 100
87 29.8 25.6 38.4

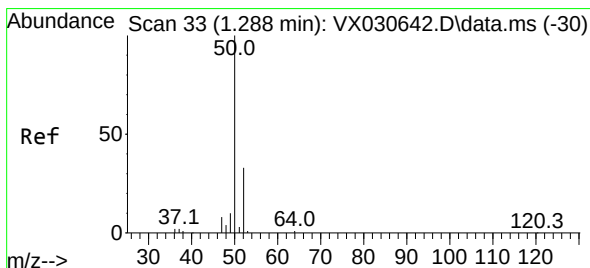
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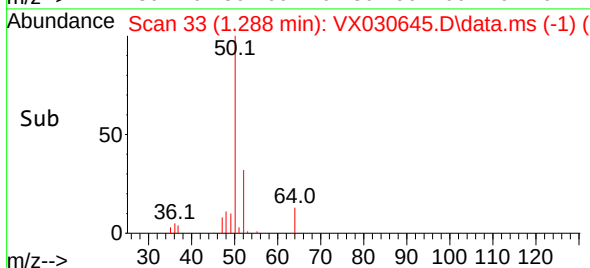
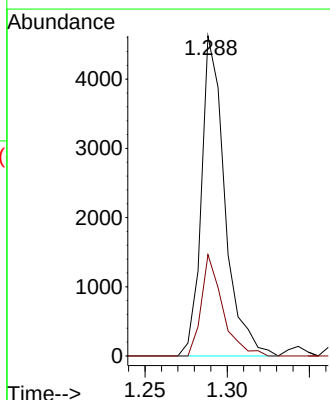
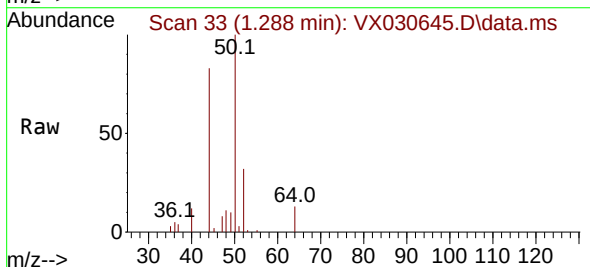
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Supervised By :Semsettin
Yesilyurt

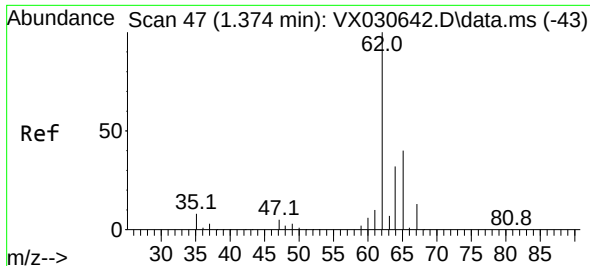
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#3
Chloromethane
Concen: 2.250 ug/L
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

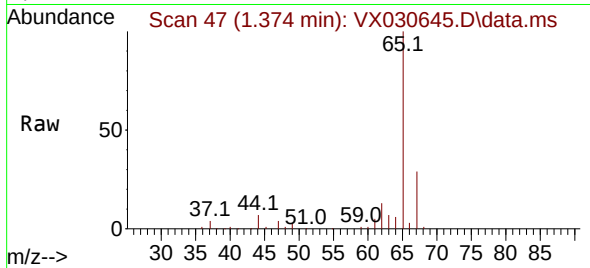
Tgt Ion: 50 Resp: 4586
Ion Ratio Lower Upper
50 100
52 31.6 23.3 43.3





#5
 Vinyl chloride
 Concen: 2.370 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX030645.D
 Acq: 16 Aug 2022 11:08

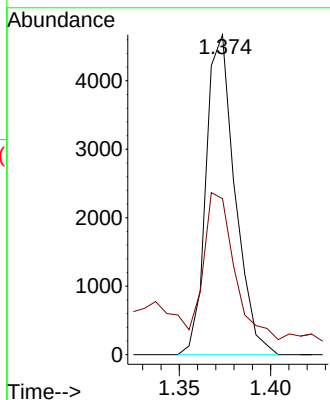
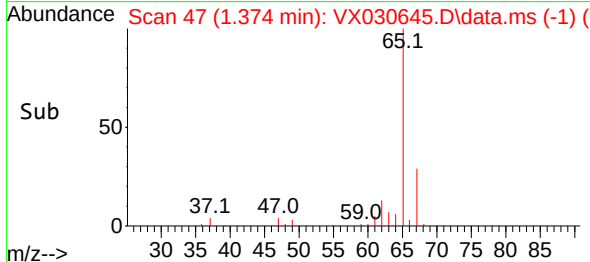
Instrument : MSVOA_X
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Tgt Ion: 62 Resp: 516
 Ion Ratio Lower Upper
 62 100
 64 48.7 23.8 44.2

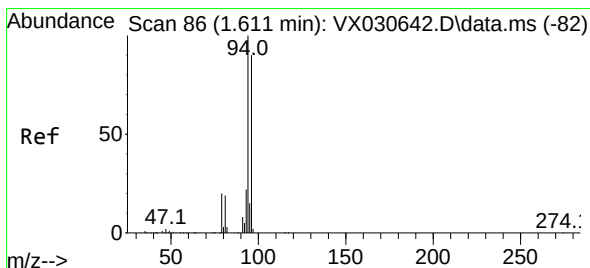
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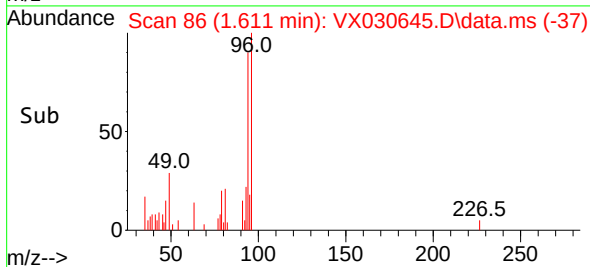
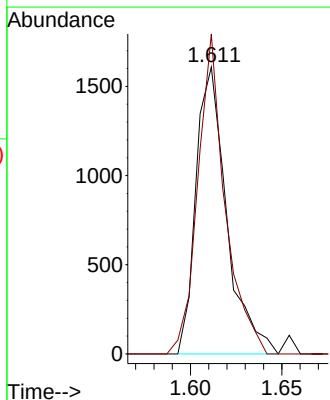
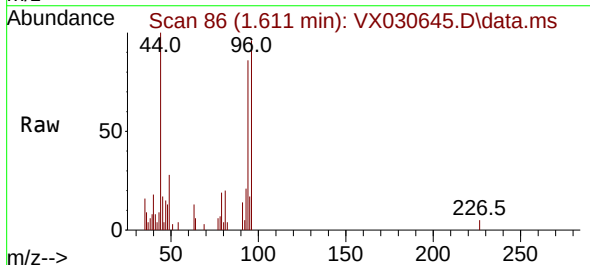
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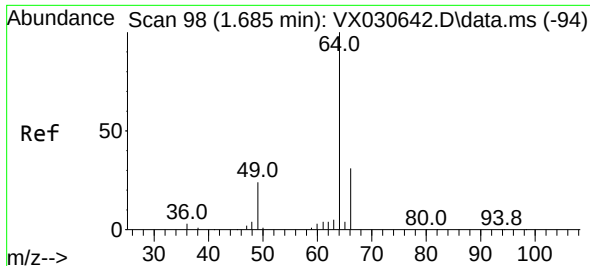
08/17/2022



#6
 Bromomethane
 Concen: 1.839 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX030645.D
 Acq: 16 Aug 2022 11:08

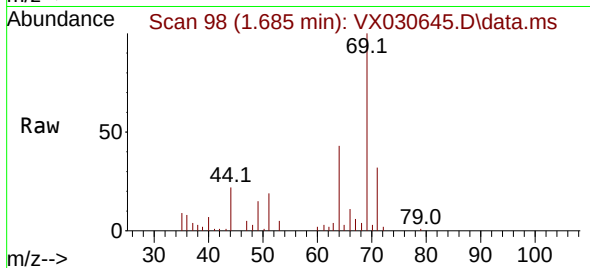
Tgt Ion: 94 Resp: 1882
 Ion Ratio Lower Upper
 94 100
 96 111.6 63.8 118.6





#8
Chloroethane
Concen: 2.312 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

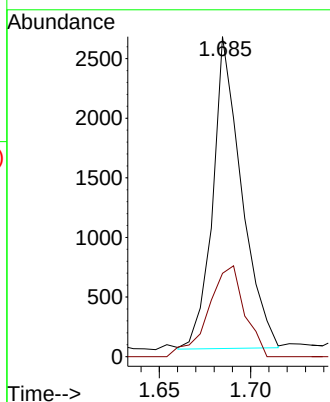
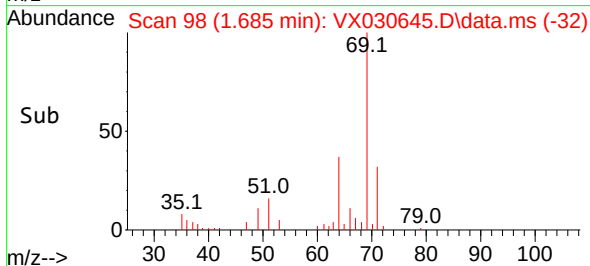
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Tgt Ion: 64 Resp: 286
Ion Ratio Lower Upper
64 100
66 26.0 22.1 41.1

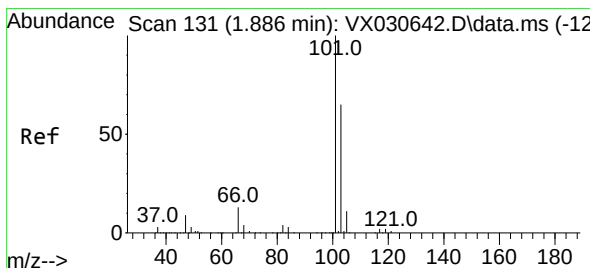
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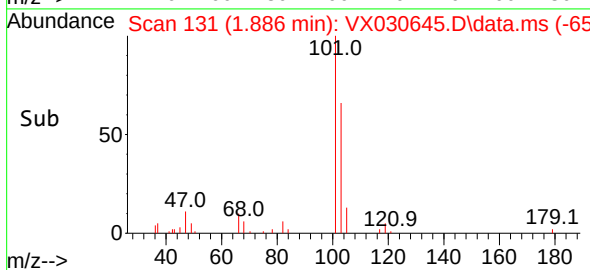
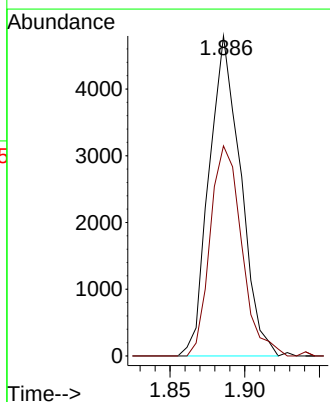
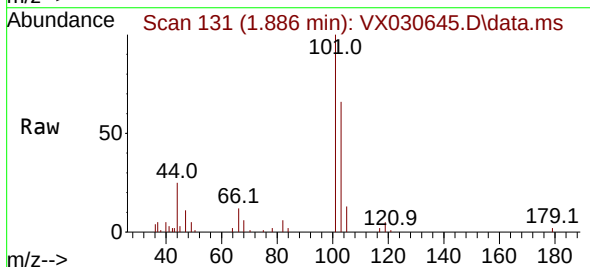
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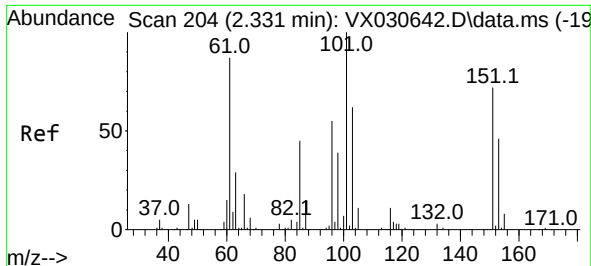
08/17/2022



#9
Trichlorofluoromethane
Concen: 2.182 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

Tgt Ion:101 Resp: 7023
Ion Ratio Lower Upper
101 100
103 65.7 51.5 77.3





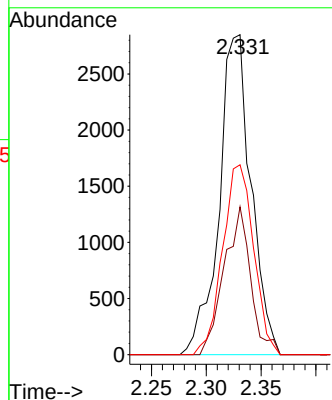
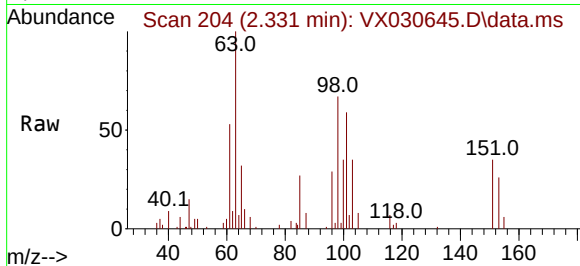
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.020 ug/L
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 101 Resp: 578
Ion Ratio Lower Upper
101 100
85 37.6 35.3 52.9
151 57.7 58.3 87.5

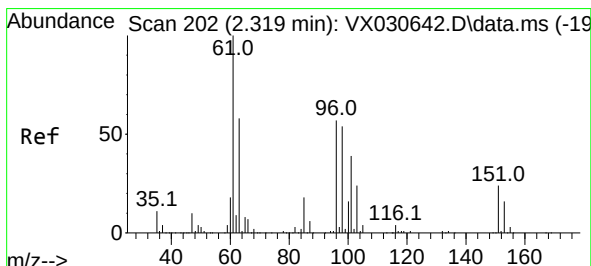
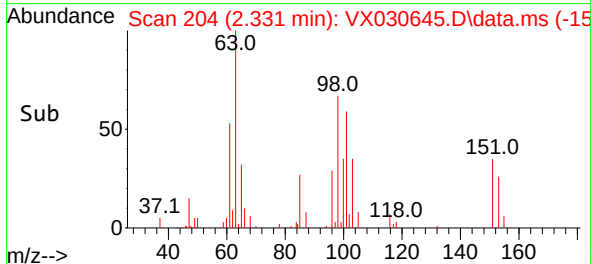
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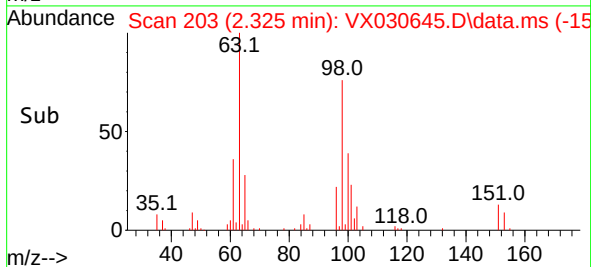
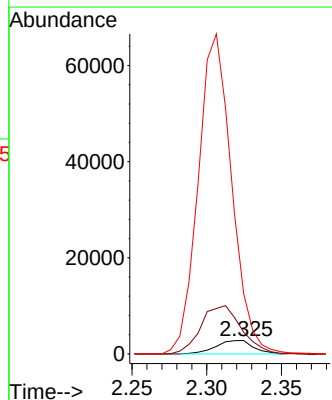
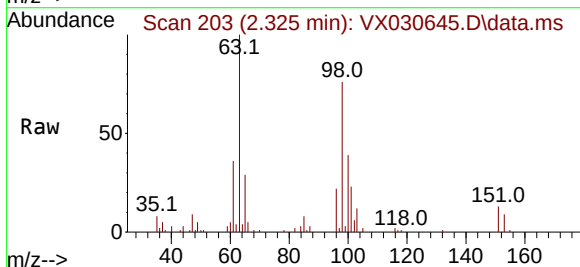
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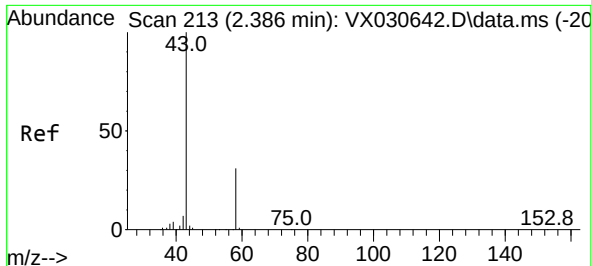
08/17/2022



#12
1,1-Dichloroethene
Concen: 2.774 ug/L
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

Tgt Ion: 96 Resp: 4891
Ion Ratio Lower Upper
96 100
61 162.2 130.2 241.8
63 447.7 113.5 210.9





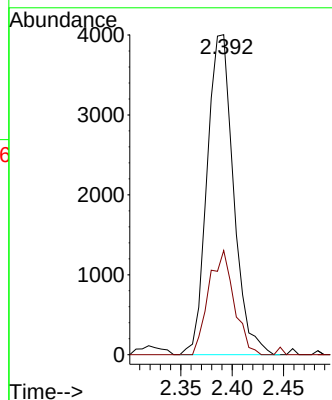
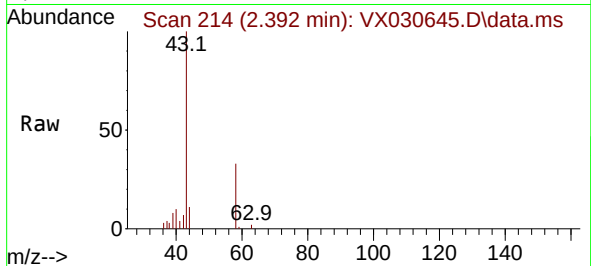
#13
Acetone
Concen: 5.208 ug/L
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

Instrument :
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Tgt Ion: 43 Resp: 7150
Ion Ratio Lower Upper
43 100
58 31.2 0.0 57.8

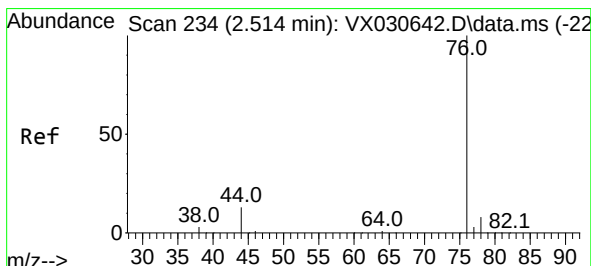
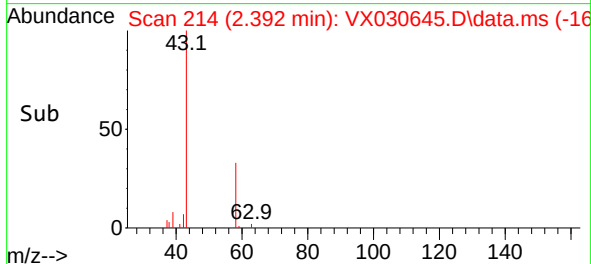
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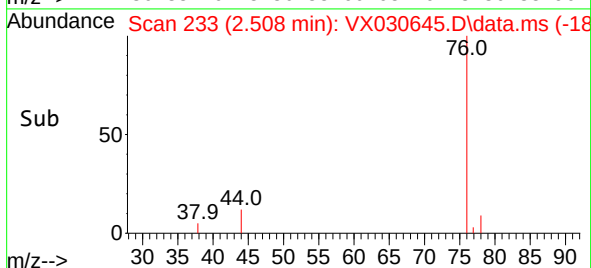
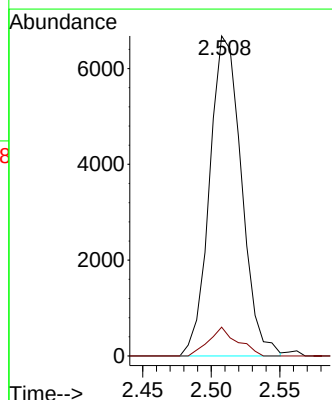
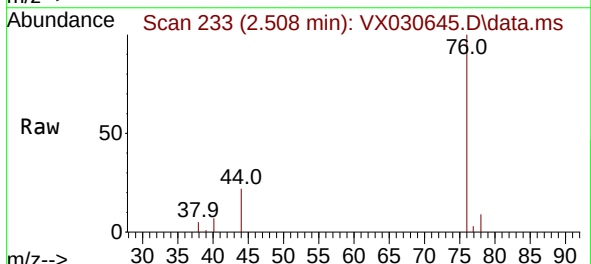
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Supervised By :Semsettin
Yesilyurt

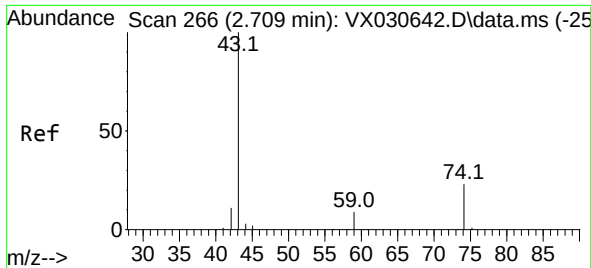
08/17/2022



#14
Carbon disulfide
Concen: 1.892 ug/L
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

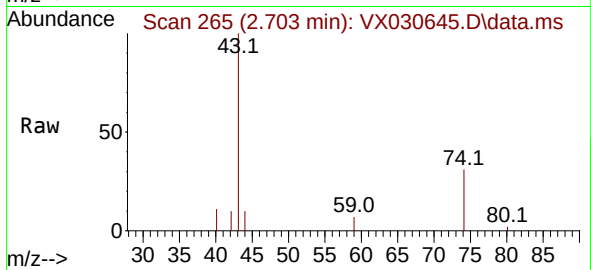
Tgt Ion: 76 Resp: 10812
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2





#15
Methyl Acetate
Concen: 2.304 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

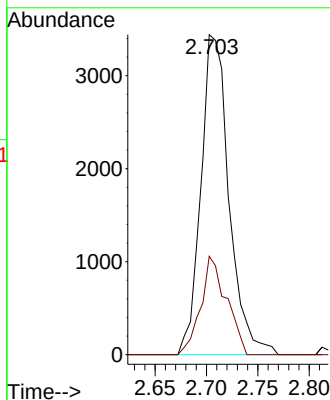
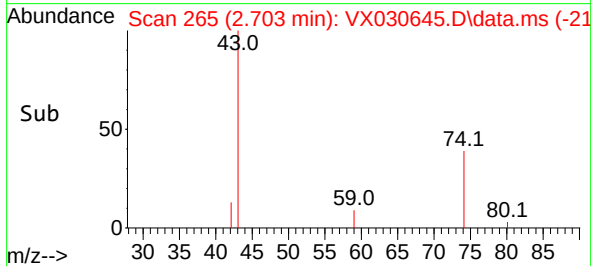
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2022-06



Tgt Ion: 43 Resp: 655
Ion Ratio Lower Upper
43 100
74 28.2 17.2 25.8

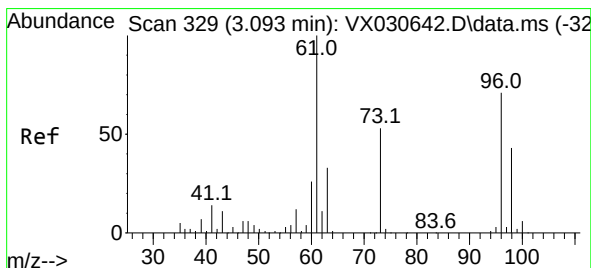
Manual Integrations
APPROVED

Reviewed By :John
Carlone



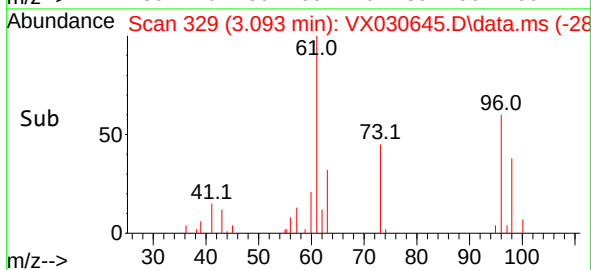
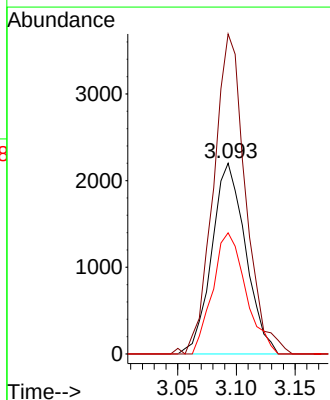
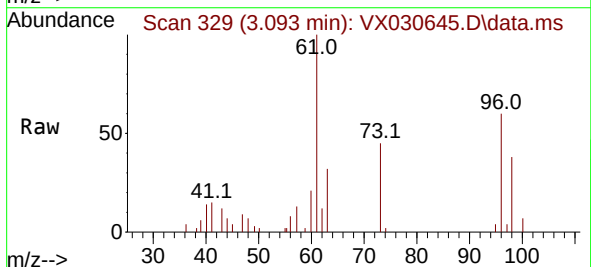
08/17/2022
Supervised By :Semsettin
Yesilyurt

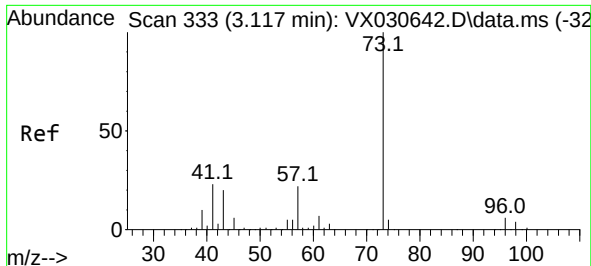
08/17/2022



#17
trans-1,2-Dichloroethene
Concen: 2.153 ug/L
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

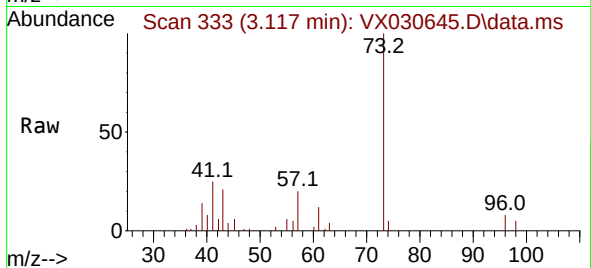
Tgt Ion: 96 Resp: 4398
Ion Ratio Lower Upper
96 100
61 167.7 103.7 192.5
98 63.5 41.5 77.1





#18
Methyl tert-butyl Ether
Concen: 2.232 ug/L
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

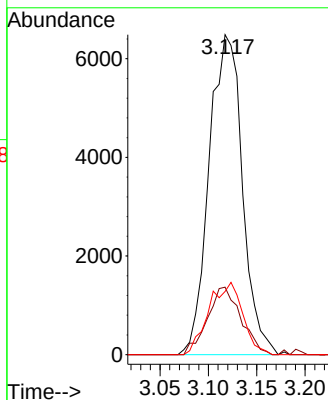
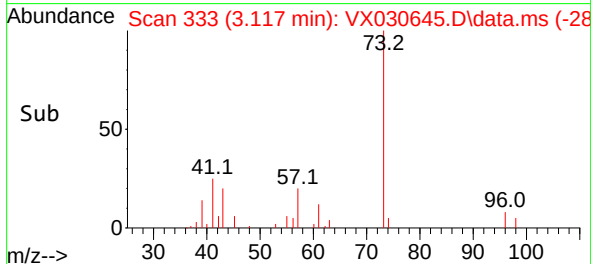
Instrument : MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2022-06



Tgt Ion: 73 Resp: 15510
Ion Ratio Lower Upper
73 100
43 21.3 17.6 26.4
57 13.3 17.5 26.3

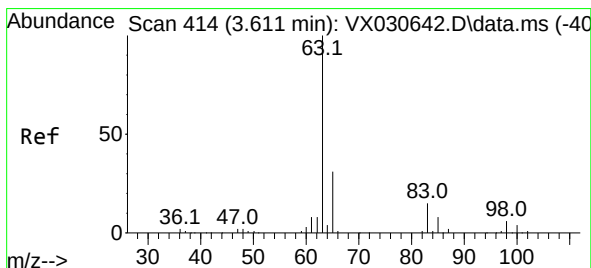
Manual Integrations
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Reviewed By :John
Carlone



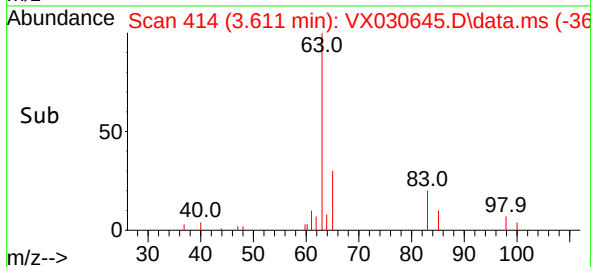
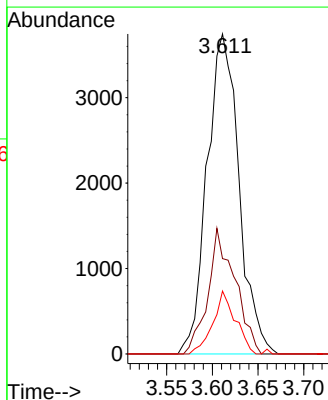
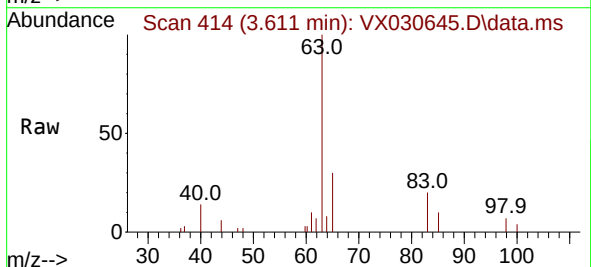
08/17/2022
Supervised By :Semsettin
Yesilyurt

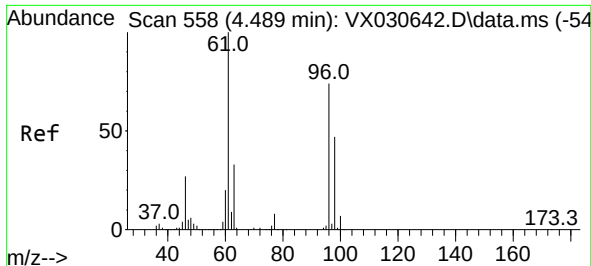
08/17/2022



#19
1,1-Dichloroethane
Concen: 2.297 ug/L
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

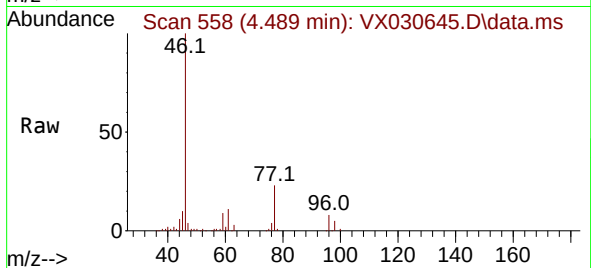
Tgt Ion: 63 Resp: 9078
Ion Ratio Lower Upper
63 100
65 29.8 22.0 40.8
83 19.7 9.9 18.3





#20
 cis-1,2-Dichloroethene
 Concen: 2.340 ug/L
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX030645.D
 Acq: 16 Aug 2022 11:08

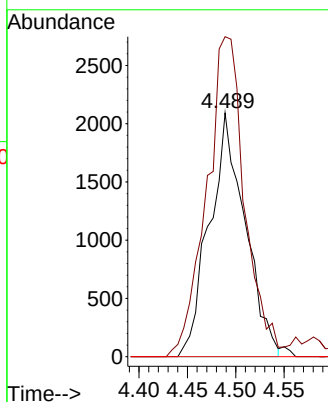
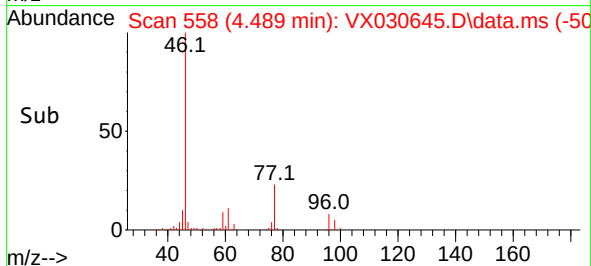
Instrument : MSVOA_X
 ClientSampleId : MDL-MED-SOIL-QT3-2022-06



Tgt Ion: 96 Resp: 5378
 Ion Ratio Lower Upper
 96 100
 61 131.2 94.0 174.6
 68 0.0 0.0 0.0

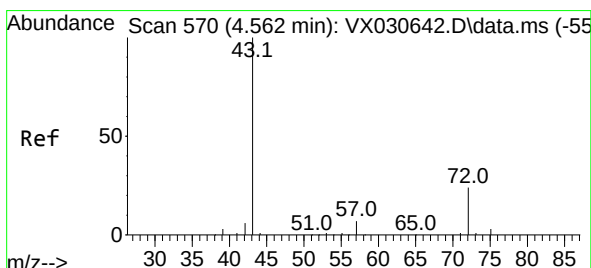
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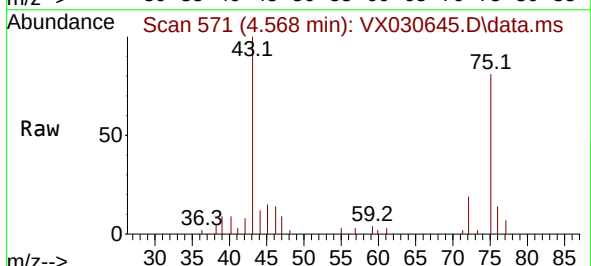


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 Supervised By :Semsettin
 Yesilyurt

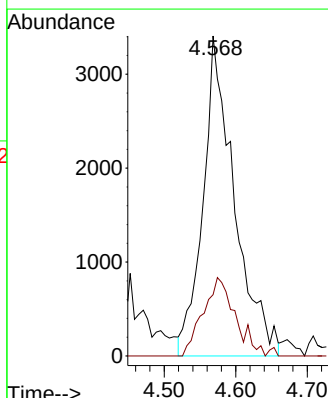
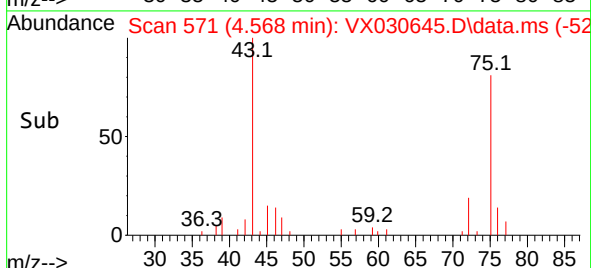
08/17/2022

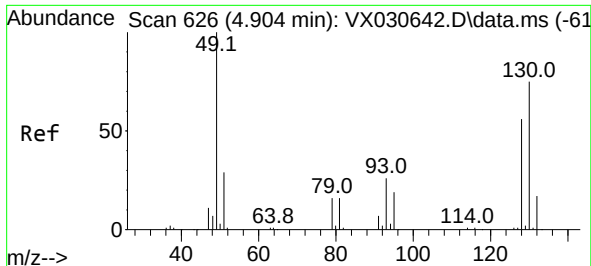


#22
 2-Butanone
 Concen: 4.783 ug/L m
 RT: 4.568 min Scan# 571
 Delta R.T. 0.006 min
 Lab File: VX030645.D
 Acq: 16 Aug 2022 11:08



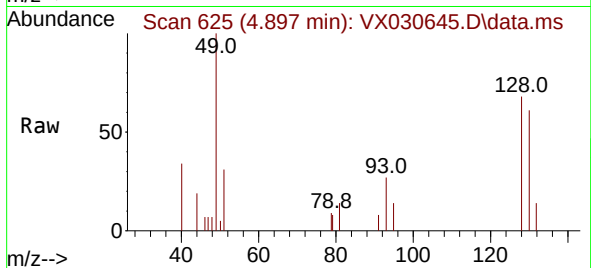
Tgt Ion: 43 Resp: 10366
 Ion Ratio Lower Upper
 43 100
 72 22.9 11.7 35.1





#23
Bromochloromethane
Concen: 2.559 ug/L m
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

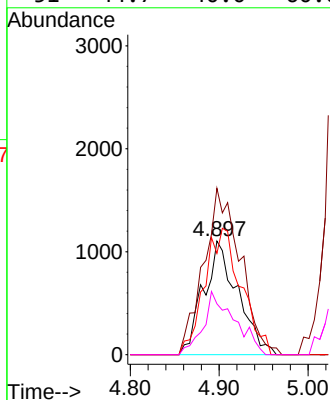
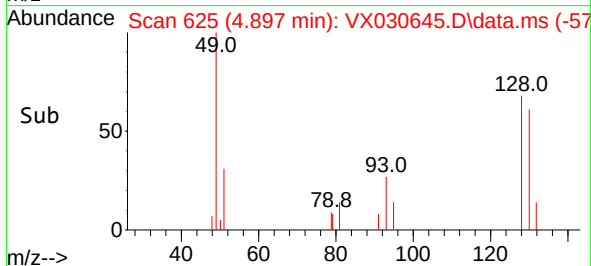
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2022-06



Tgt Ion:128 Resp: 2949
Ion Ratio Lower Upper
128 100
49 146.4 116.8 216.8
130 89.1 90.3 167.7
51 44.7 40.0 60.0

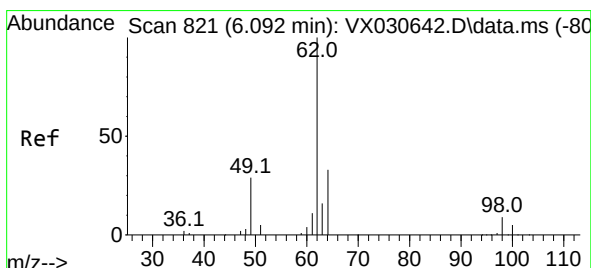
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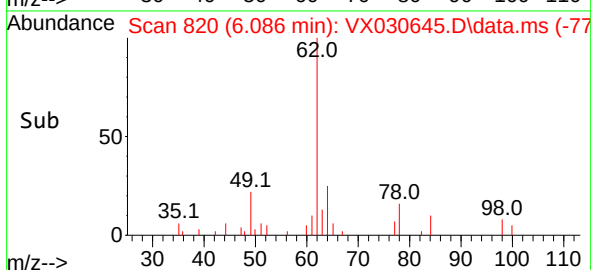
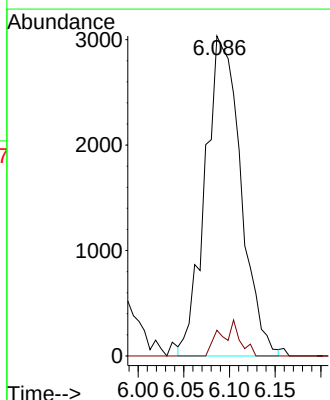
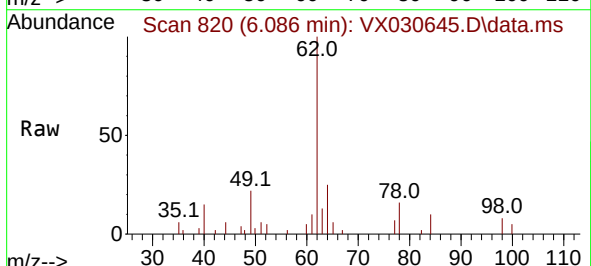
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Supervised By :Semsettin
Yesilyurt

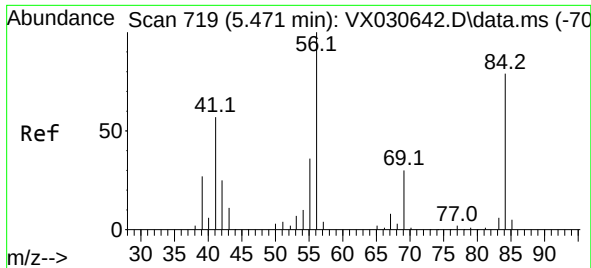
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#27
1,2-Dichloroethane
Concen: 2.378 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

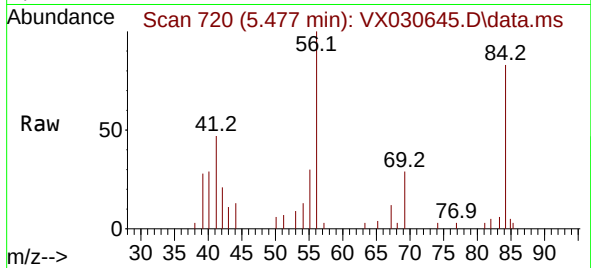
Tgt Ion: 62 Resp: 8216
Ion Ratio Lower Upper
62 100
98 8.0 7.0 10.6





#29
Cyclohexane
Concen: 2.085 ug/L
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

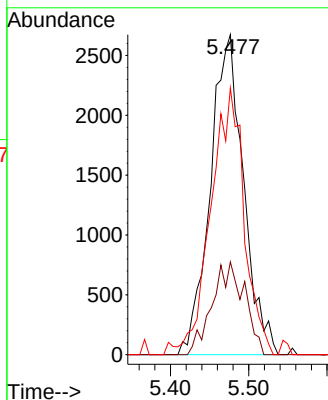
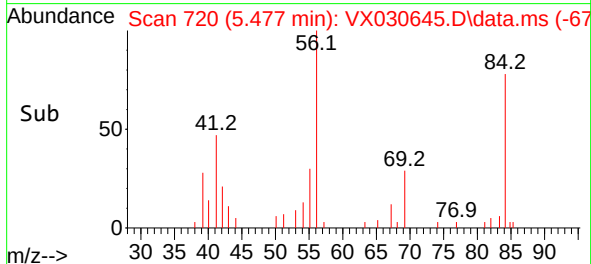
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2022-06



Tgt Ion: 56 Resp: 788
Ion Ratio Lower Upper
56 100
69 22.2 24.3 36.5
84 82.7 66.7 100.1

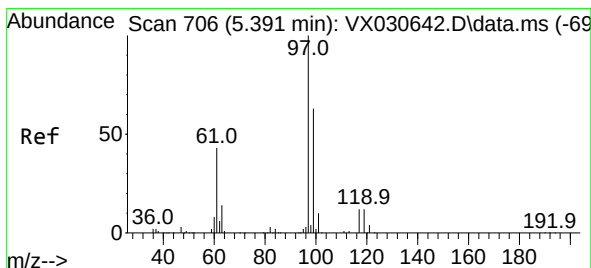
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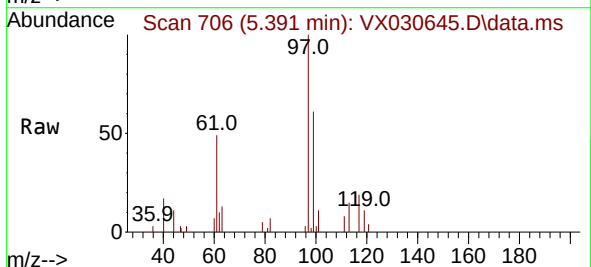


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Supervised By :Semsettin
Yesilyurt

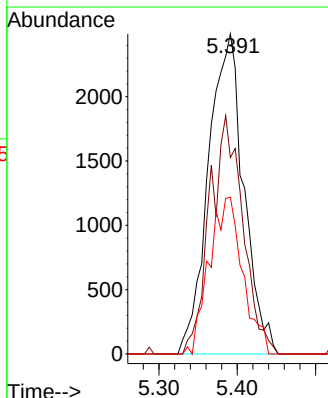
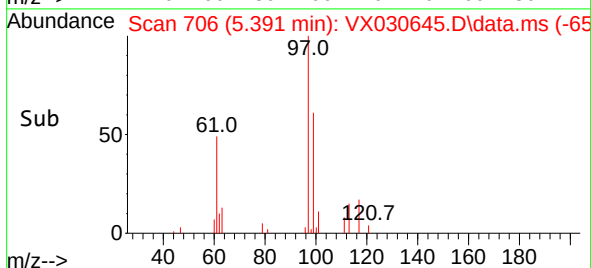
08/17/2022

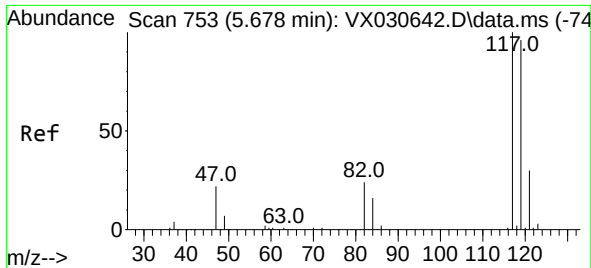


#30
1,1,1-Trichloroethane
Concen: 2.077 ug/L
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08



Tgt Ion: 97 Resp: 7798
Ion Ratio Lower Upper
97 100
99 48.4 51.4 77.0#
61 46.1 37.0 55.6





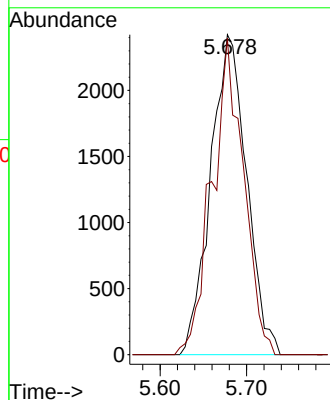
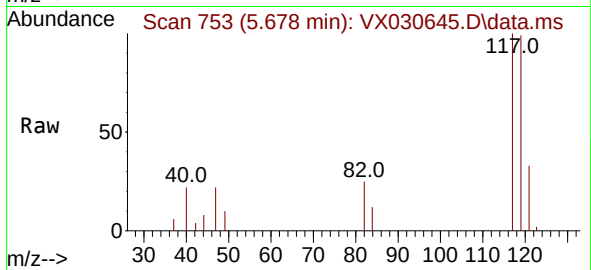
#31
Carbon tetrachloride
Concen: 2.262 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2022-06

Tgt Ion: 117 Resp: 700
Ion Ratio Lower Upper
117 100
119 60.8 76.2 114.2

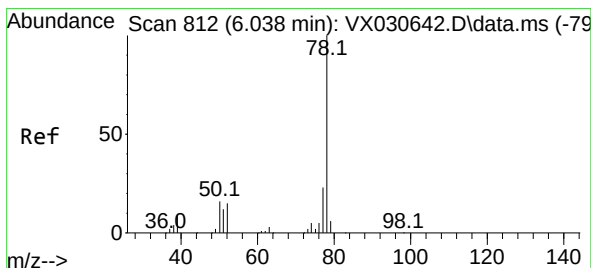
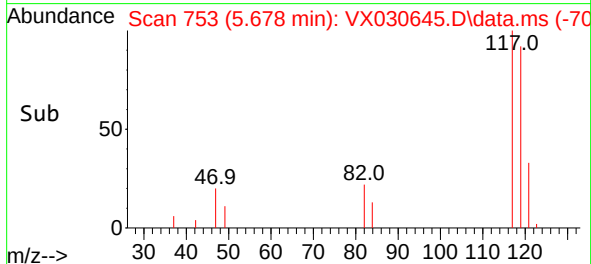
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Carlone



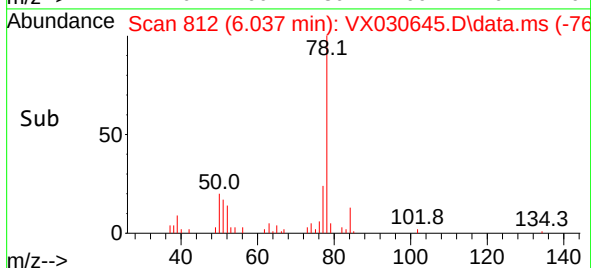
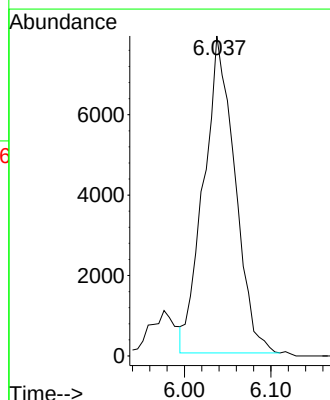
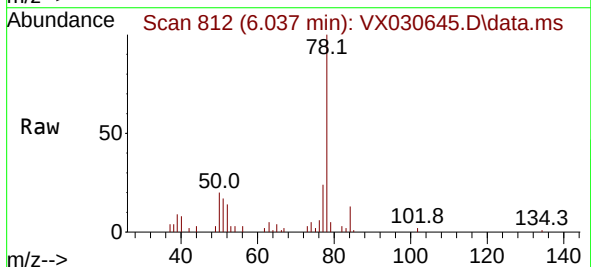
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Supervised By :Semsettin
Yesilyurt

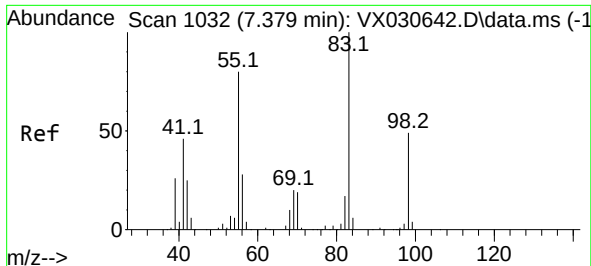
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#33
Benzene
Concen: 2.160 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

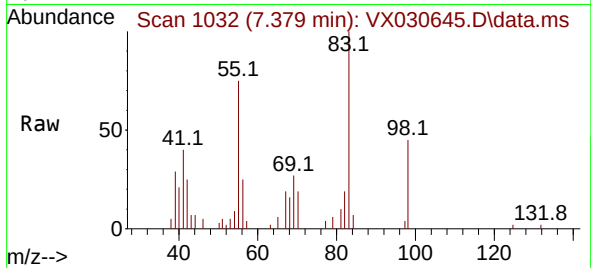
Tgt Ion: 78 Resp: 19707





#35
Methylcyclohexane
Concen: 1.984 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

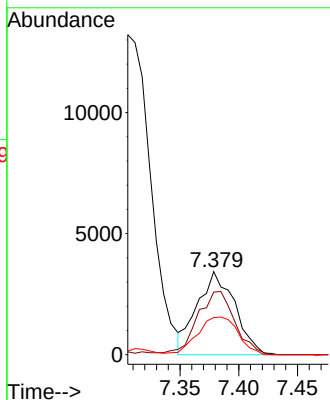
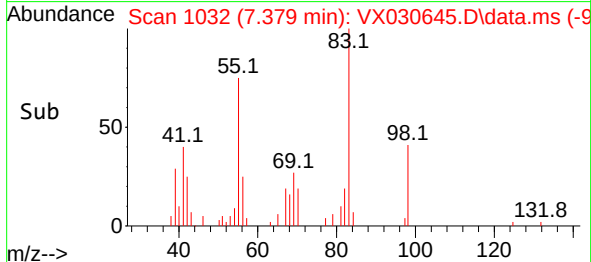
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2022-06



Tgt Ion: 83 Resp: 763
Ion Ratio Lower Upper
83 100
55 75.6 64.0 96.0
98 48.3 36.7 55.1

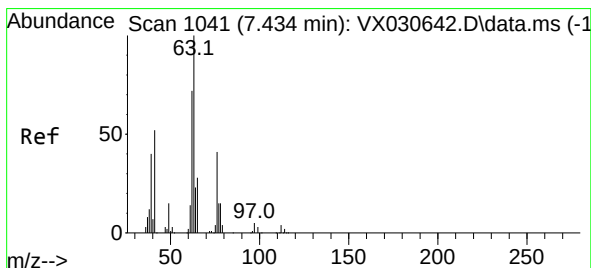
Manual Integrations
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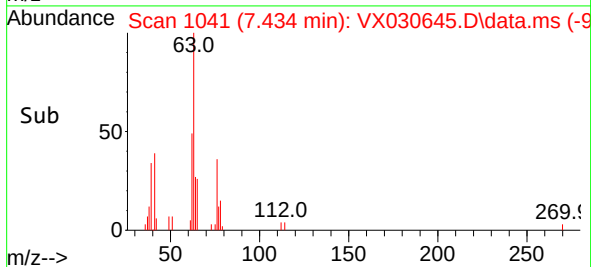
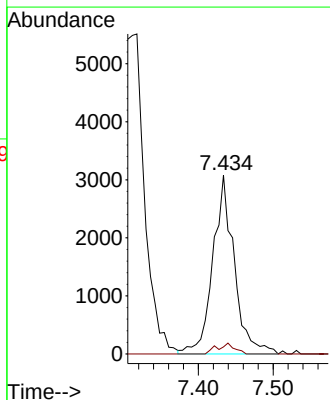
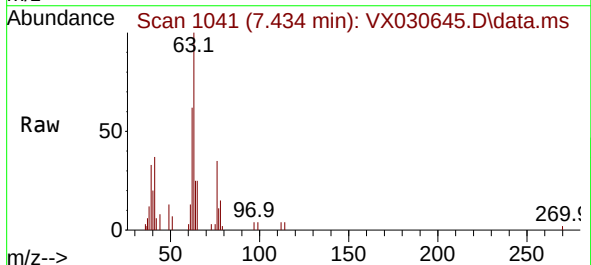
08/17/2022
Supervised By :Semsettin
Yesilyurt

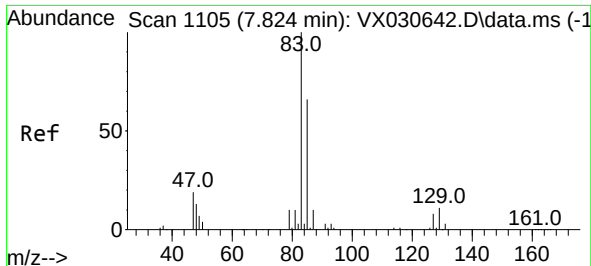
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#37
1,2-Dichloropropane
Concen: 2.532 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

Tgt Ion: 63 Resp: 6142
Ion Ratio Lower Upper
63 100
112 3.2 3.0 4.4





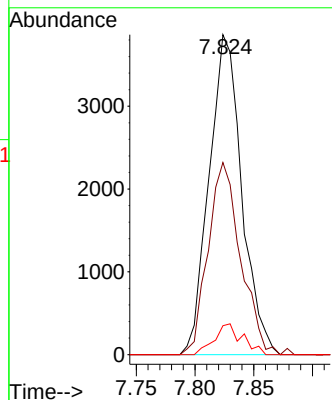
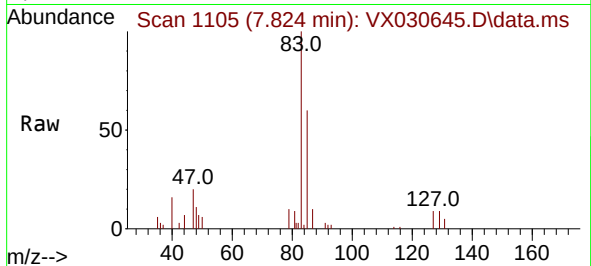
#38
Bromodichloromethane
Concen: 2.326 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2022-06

Tgt Ion: 83 Resp: 7468
Ion Ratio Lower Upper
83 100
85 60.1 42.5 78.9
127 9.1 6.2 9.2

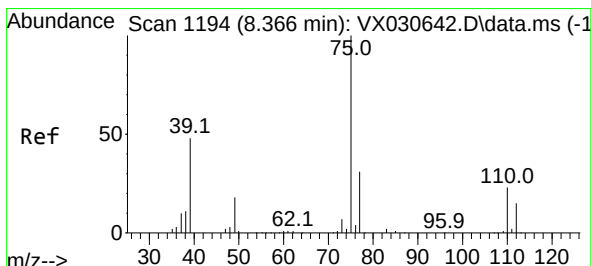
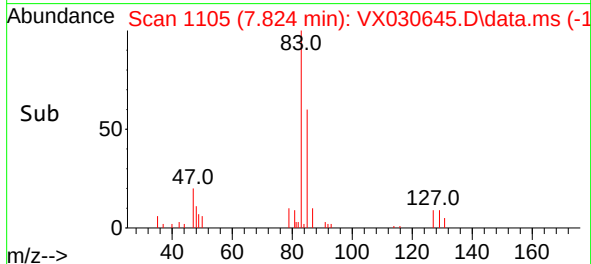
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Reviewed By :John
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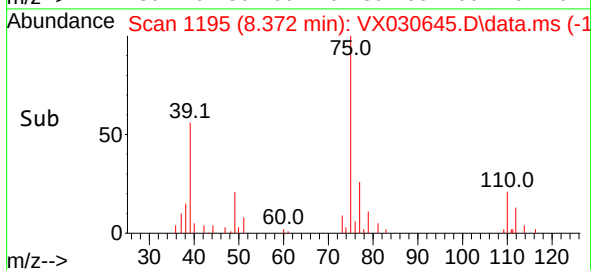
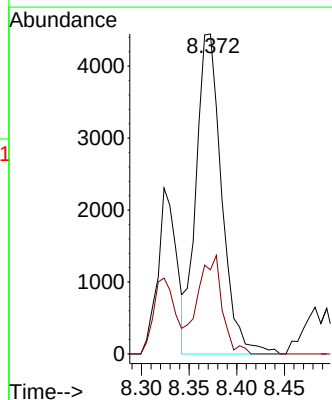
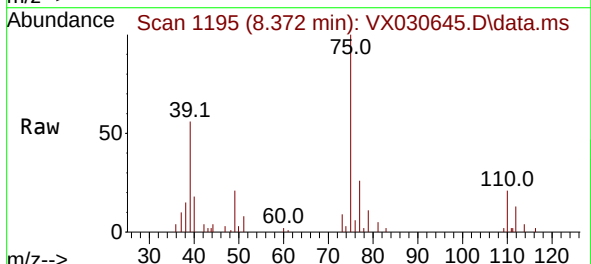
08/17/2022
Supervised By :Semsettin
Yesilyurt

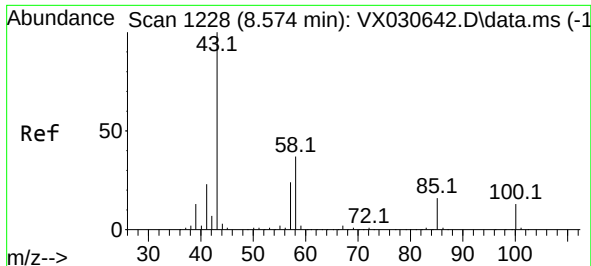
08/17/2022



#39
cis-1,3-Dichloropropene
Concen: 2.304 ug/L m
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

Tgt Ion: 75 Resp: 8337
Ion Ratio Lower Upper
75 100
77 26.3 22.4 41.6





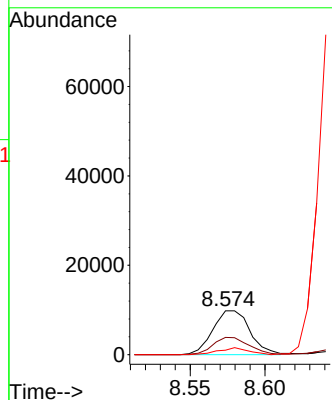
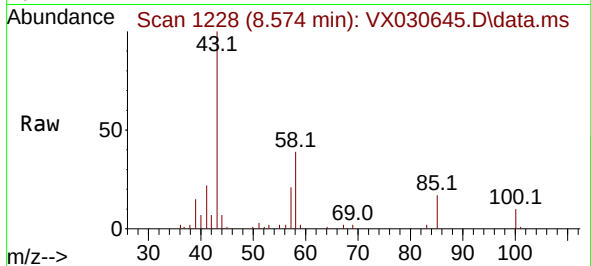
#40
4-Methyl-2-pentanone
Concen: 4.016 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2022-06

Tgt Ion: 43 Resp: 16969
Ion Ratio Lower Upper
43 100
58 38.6 29.0 43.6
100 12.8 10.5 15.7

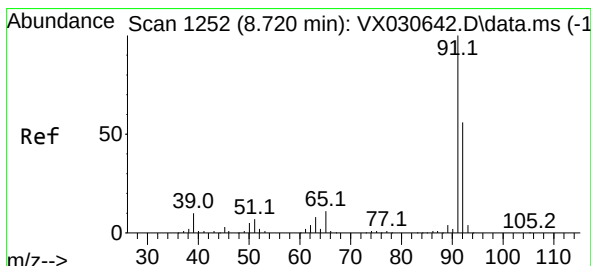
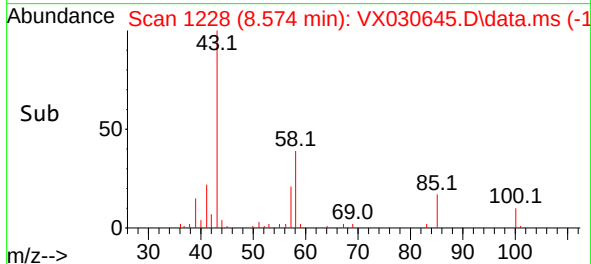
Manual Integrations
APPROVED

Reviewed By :John
Carlone



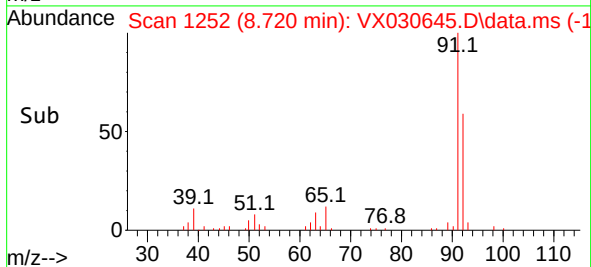
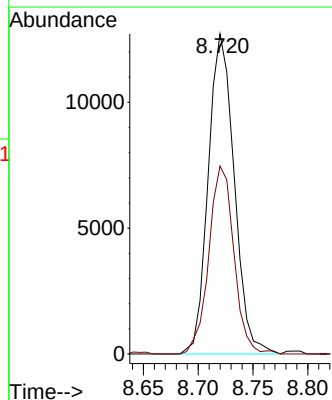
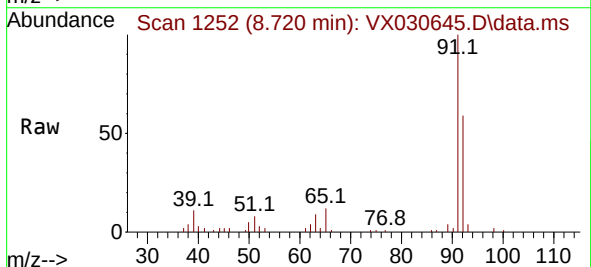
08/17/2022
Supervised By :Semsettin
Yesilyurt

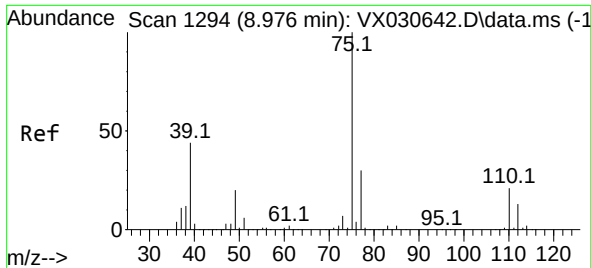
08/17/2022



#42
Toluene
Concen: 2.175 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

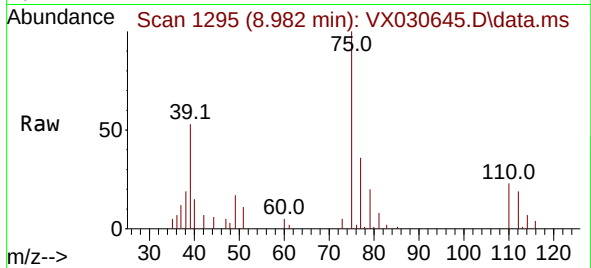
Tgt Ion: 91 Resp: 20967
Ion Ratio Lower Upper
91 100
92 58.7 40.0 74.4





#44
trans-1,3-Dichloropropene
Concen: 2.708 ug/L
RT: 8.982 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

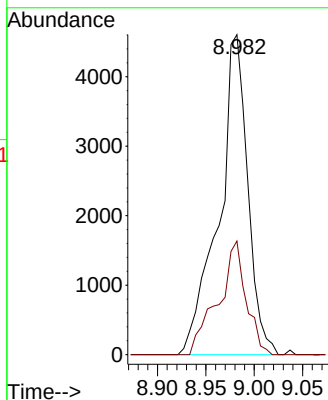
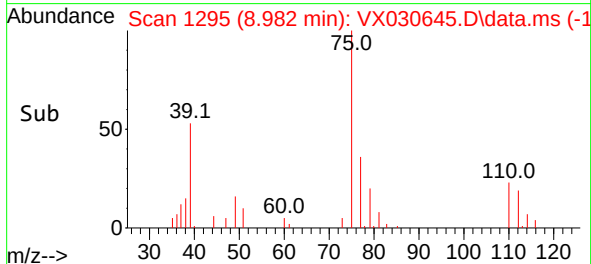
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2022-06



Tgt Ion: 75 Resp: 9594
Ion Ratio Lower Upper
75 100
77 35.5 22.5 41.7

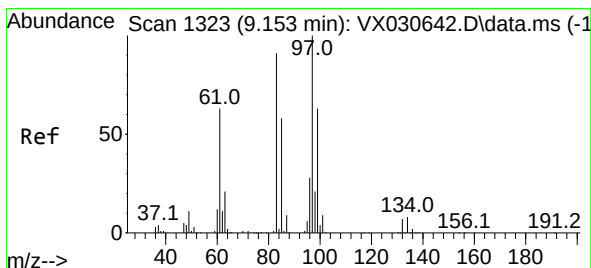
Manual Integrations
APPROVED

Reviewed By :John
Carlone



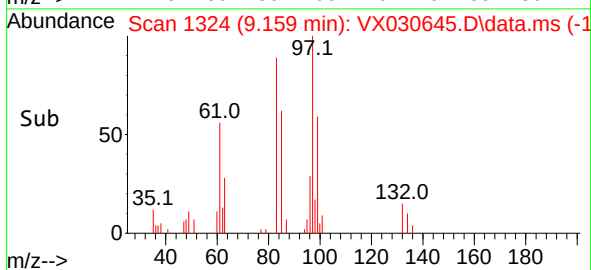
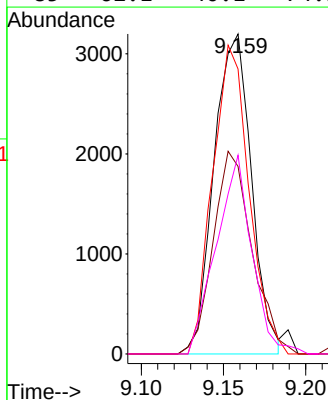
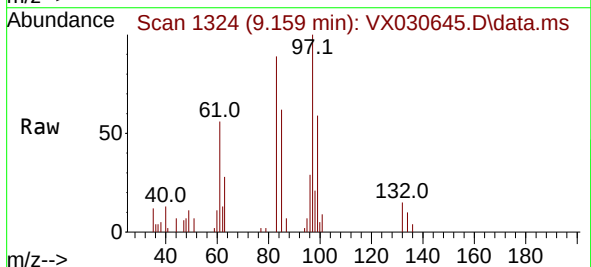
08/17/2022
Supervised By :Semsettin
Yesilyurt

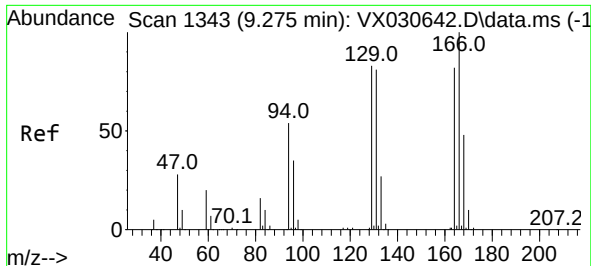
08/17/2022



#45
1,1,2-Trichloroethane
Concen: 2.242 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

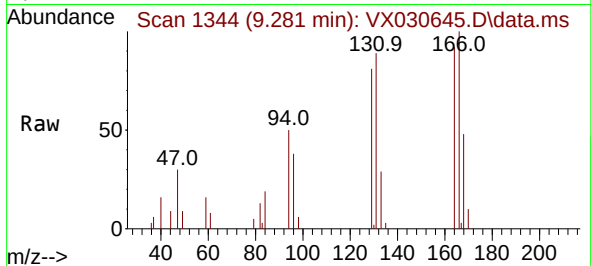
Tgt Ion: 97 Resp: 5059
Ion Ratio Lower Upper
97 100
99 58.6 43.3 80.3
83 89.0 63.0 117.0
85 62.1 40.1 74.5





#46
Tetrachloroethene
Concen: 2.183 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

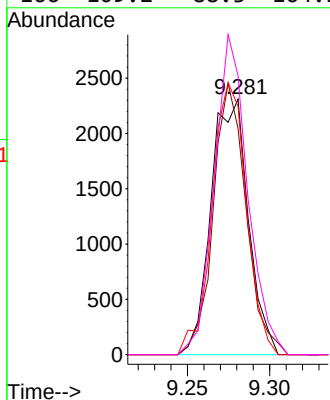
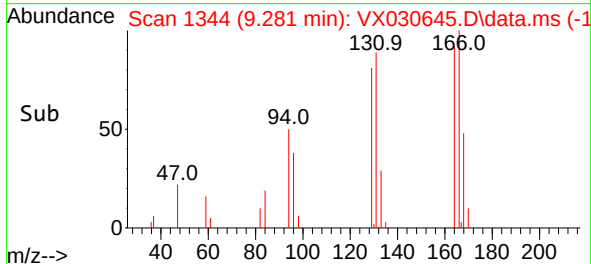
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2022-06



Tgt Ion:164 Resp: 3640
Ion Ratio Lower Upper
164 100
129 88.5 72.7 135.1
131 97.2 69.9 129.9
166 109.2 88.3 164.1

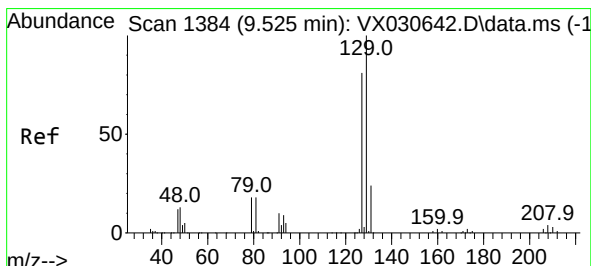
Manual Integrations
APPROVED

Reviewed By :John
Carlone



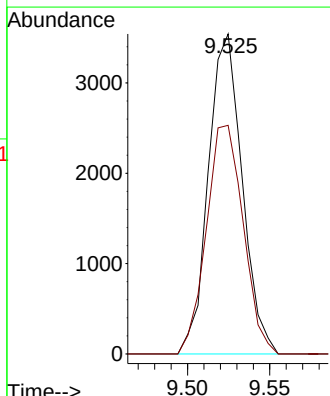
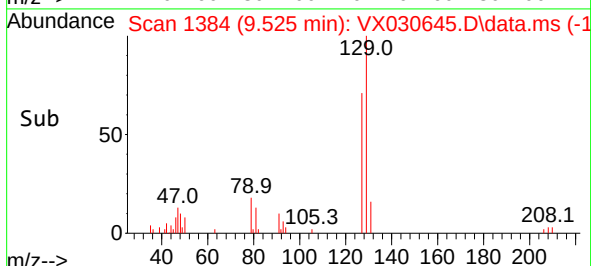
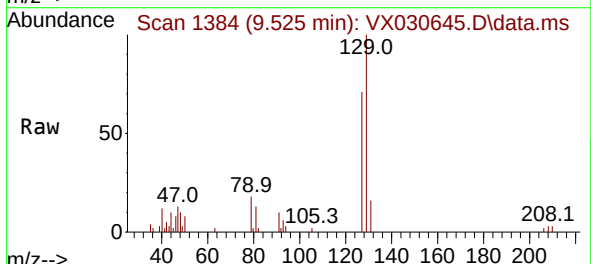
08/17/2022
Supervised By :Semsettin
Yesilyurt

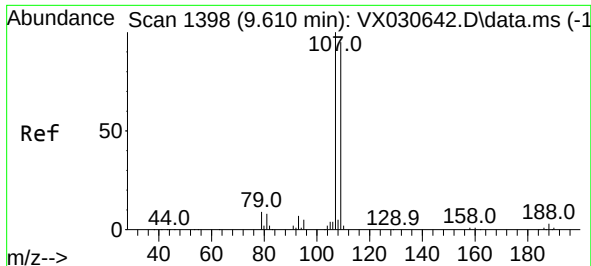
08/17/2022



#49
Dibromochloromethane
Concen: 2.111 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

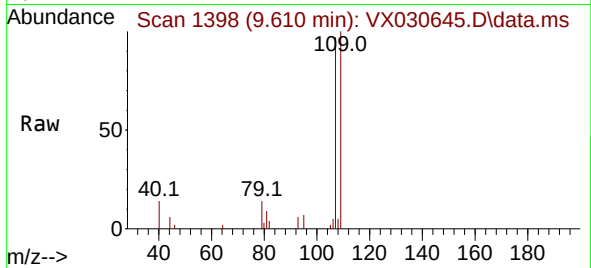
Tgt Ion:129 Resp: 5066
Ion Ratio Lower Upper
129 100
127 71.5 55.6 103.2





#50
1,2-Dibromoethane
Concen: 2.114 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

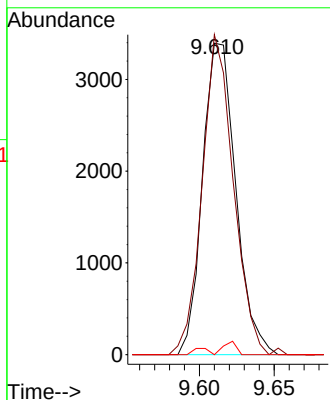
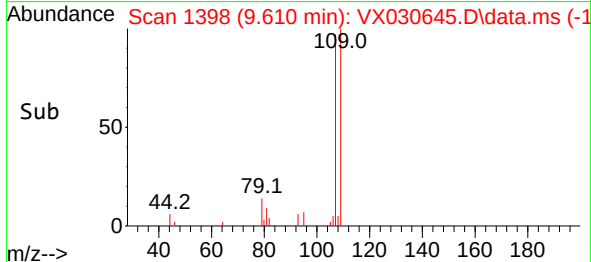
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2022-06



Tgt Ion:107 Resp: 524
Ion Ratio Lower Upper
107 100
109 102.7 64.8 120.4
188 0.0 2.2 3.2

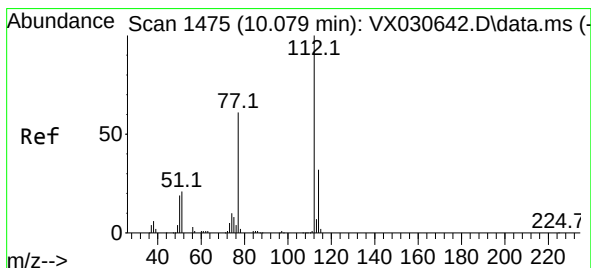
Manual Integrations
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Reviewed By :John
Carlone

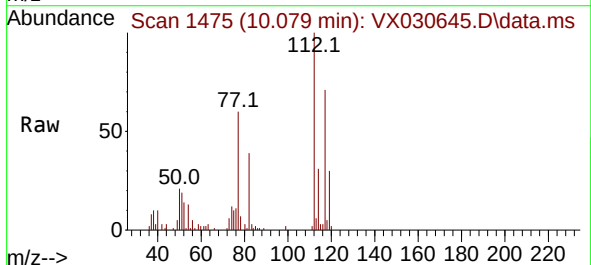


08/17/2022
Supervised By :Semsettin
Yesilyurt

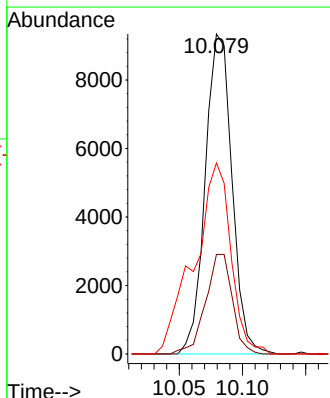
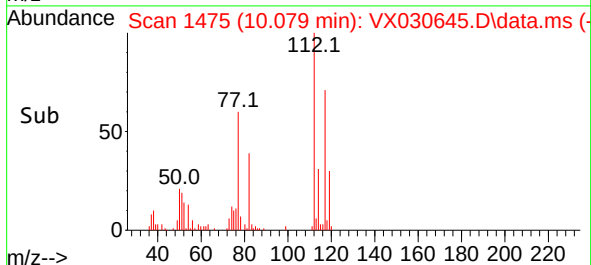
08/17/2022

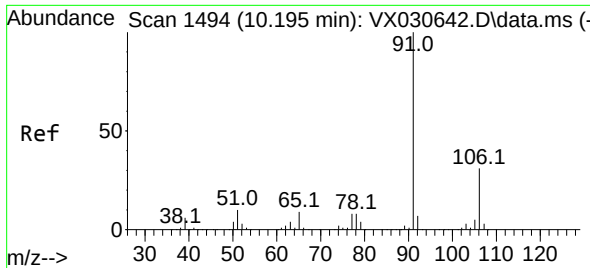


#51
Chlorobenzene
Concen: 2.292 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08



Tgt Ion:112 Resp: 13764
Ion Ratio Lower Upper
112 100
114 31.1 22.3 41.5
77 59.7 50.8 76.2





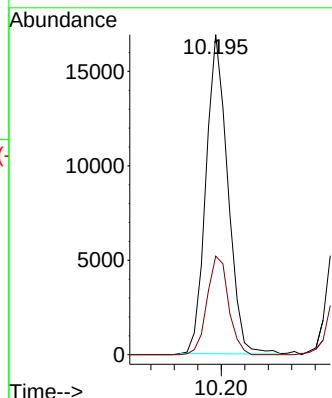
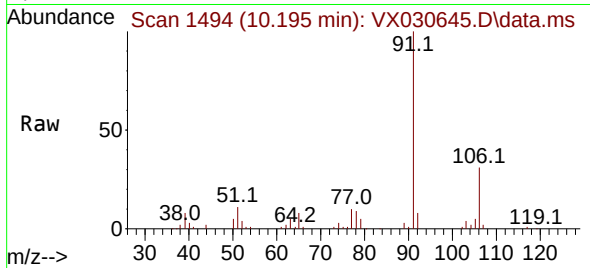
#52
Ethylbenzene
Concen: 2.068 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2022-06

Tgt Ion: 91 Resp: 21730
Ion Ratio Lower Upper
91 100
106 30.8 21.3 39.5

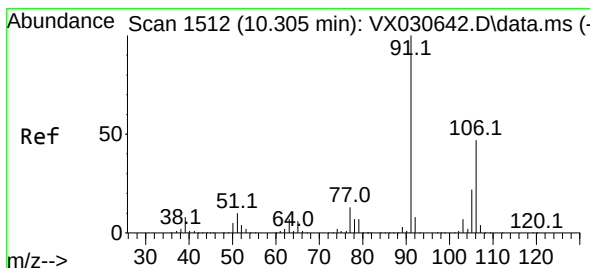
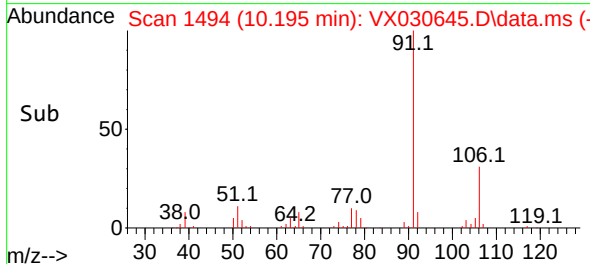
Manual Integrations
APPROVED

Reviewed By :John
Carlone



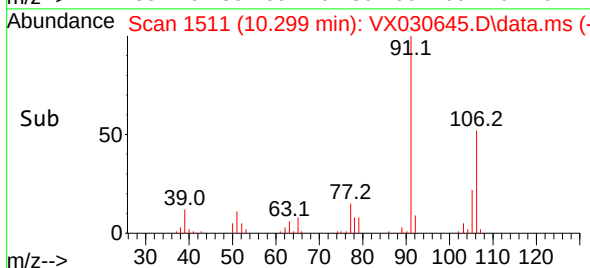
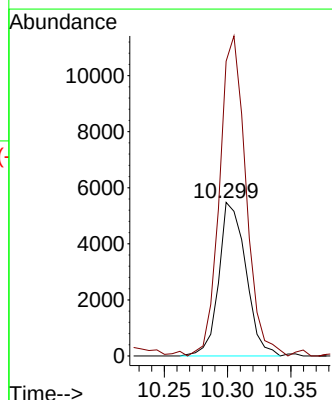
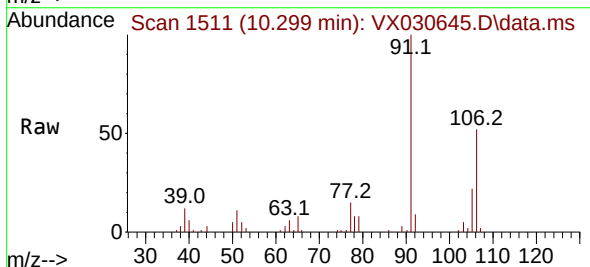
08/17/2022
Supervised By :Semsettin
Yesilyurt

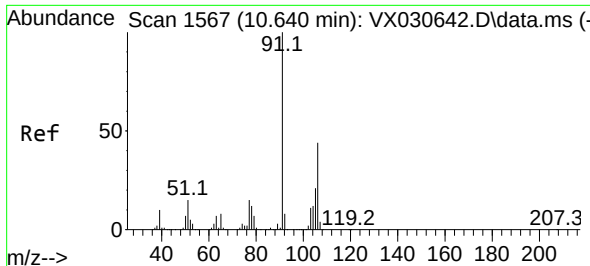
08/17/2022



#53
m,p-Xylene
Concen: 2.077 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

Tgt Ion:106 Resp: 8137
Ion Ratio Lower Upper
106 100
91 191.9 147.8 274.6





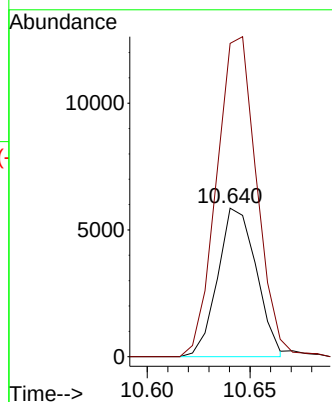
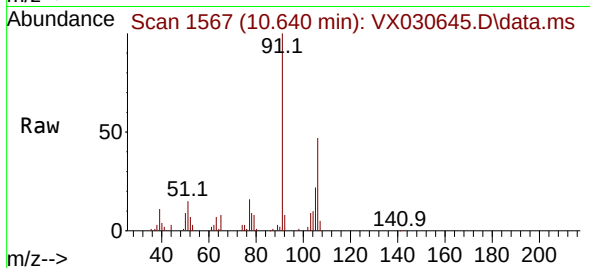
#54
o-Xylene
Concen: 1.959 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2022-06

Tgt Ion:106 Resp: 7649
Ion Ratio Lower Upper
106 100
91 210.9 157.8 293.0

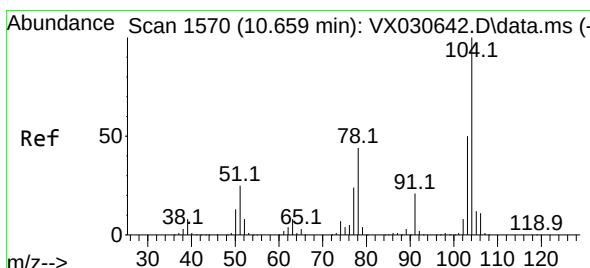
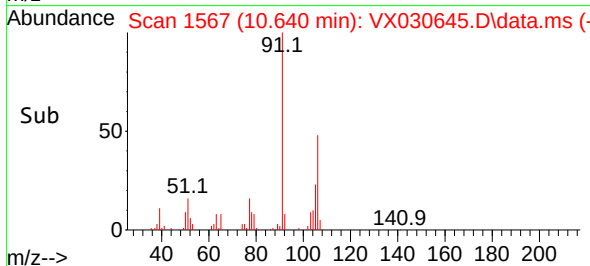
Manual Integrations
APPROVED

Reviewed By :John
Carlone



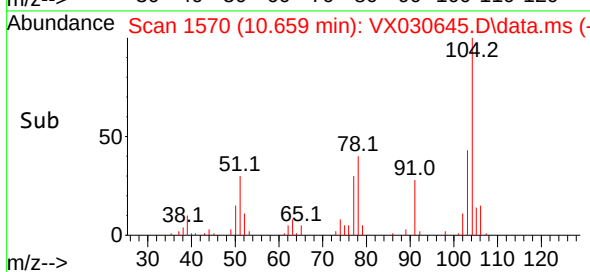
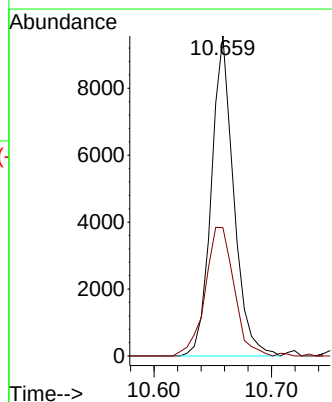
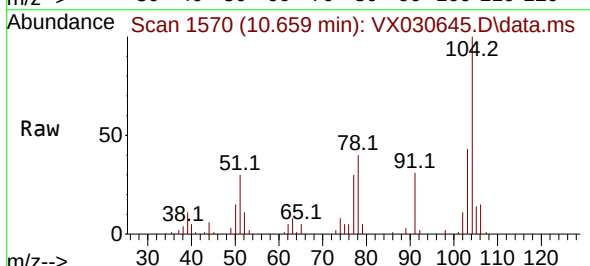
08/17/2022
Supervised By :Semsettin
Yesilyurt

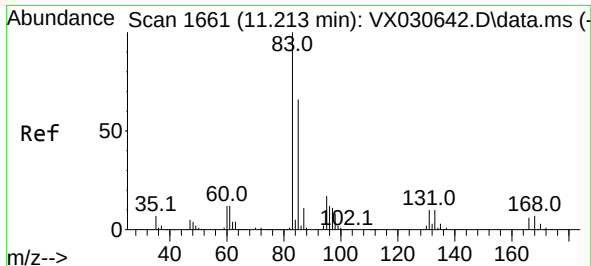
08/17/2022



#55
Styrene
Concen: 1.928 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

Tgt Ion:104 Resp: 12672
Ion Ratio Lower Upper
104 100
78 40.1 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 2.585 ug/L

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX030645.D

Acq: 16 Aug 2022 11:08

Instrument :

MSVOA_X

ClientSampleId :

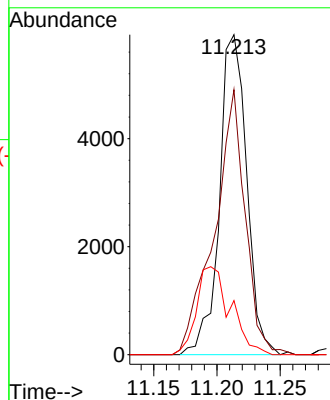
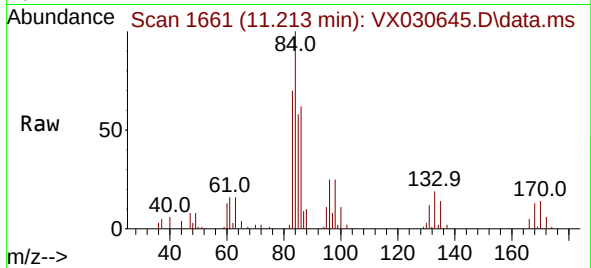
MDL-MED-SOIL-QT3-2022-06

Tgt Ion:	83	Resp:	8874
Ion Ratio	Lower	Upper	
83	100		
85	82.8	44.4	82.4
131	16.9	7.5	11.3

Manual Integrations

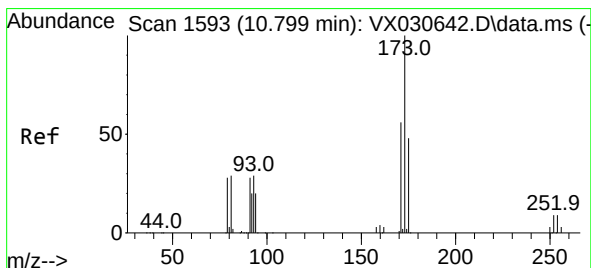
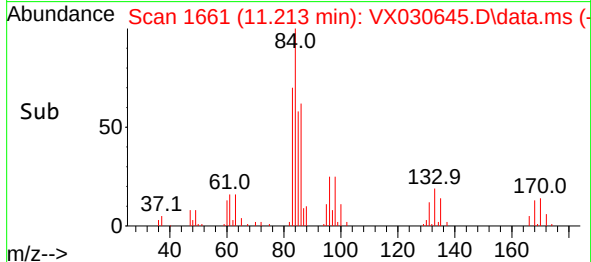
APPROVED

Reviewed By :John
Carlone



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Supervised By :Semsettin
Yesilyurt

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#59

Bromoform

Concen: 1.896 ug/L

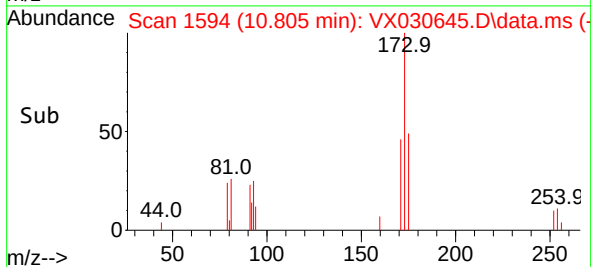
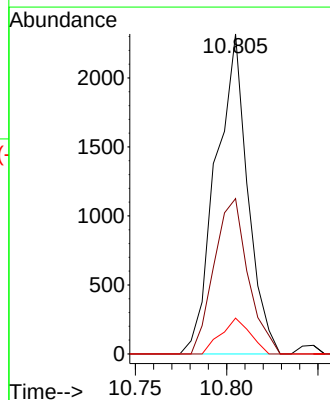
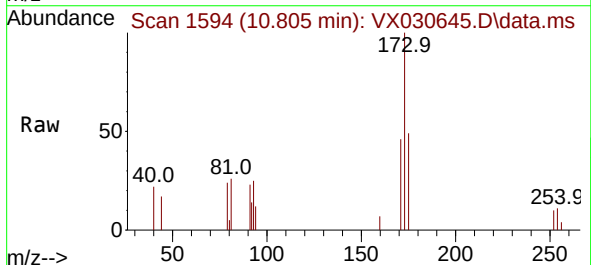
RT: 10.805 min Scan# 1594

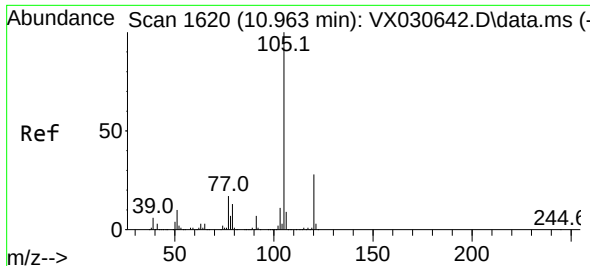
Delta R.T. 0.006 min

Lab File: VX030645.D

Acq: 16 Aug 2022 11:08

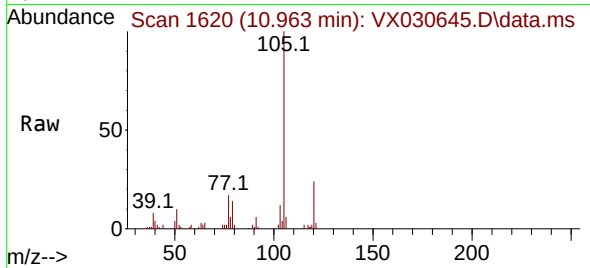
Tgt Ion:	173	Resp:	2813
Ion Ratio	Lower	Upper	
173	100		
175	51.8	38.9	58.3
254	10.2	7.0	10.4





#60
Isopropylbenzene
Concen: 2.014 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

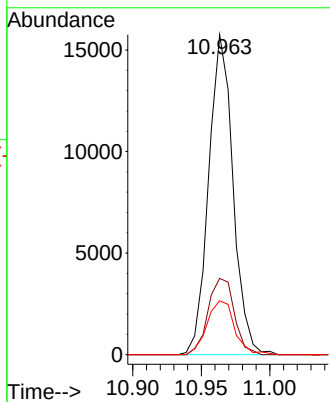
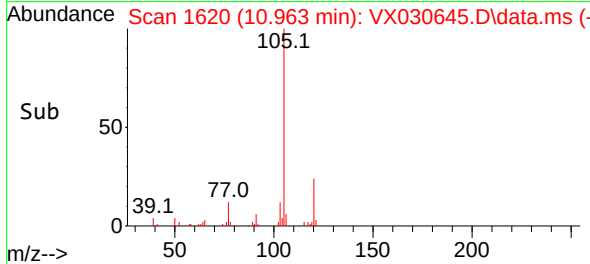
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2022-06



Tgt Ion: 105 Resp: 1945
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 18.7 13.5 20.3

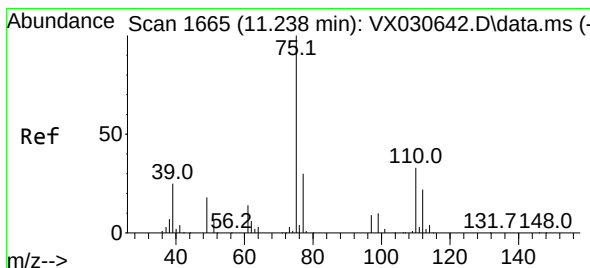
Manual Integrations
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Reviewed By : John
Carlone

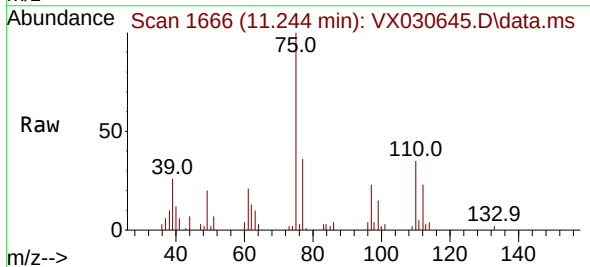


08/17/2022
Supervised By : Semsettin
Yesilyurt

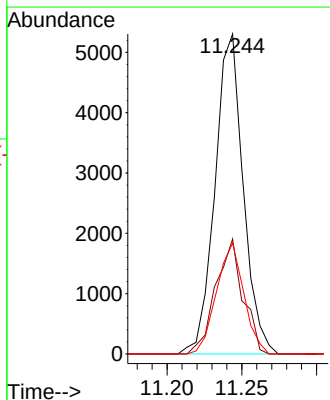
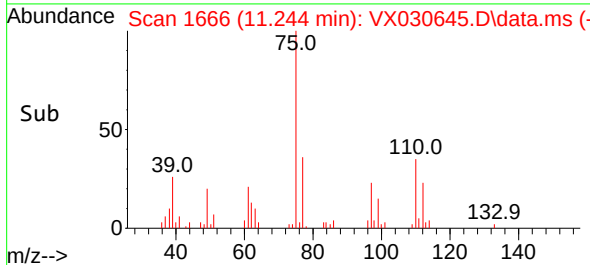
08/17/2022

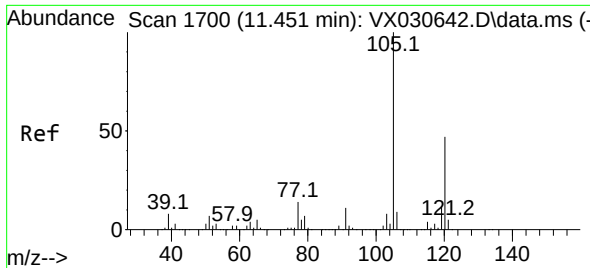


#61
1,2,3-Trichloropropane
Concen: 2.381 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08



Tgt Ion: 75 Resp: 6966
Ion Ratio Lower Upper
75 100
77 34.7 26.1 39.1
110 33.6 30.5 45.7





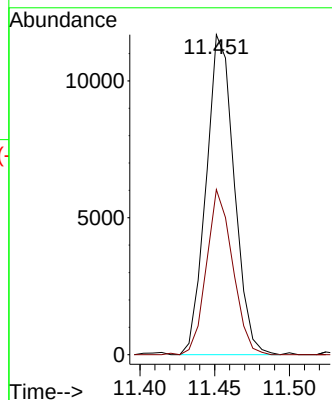
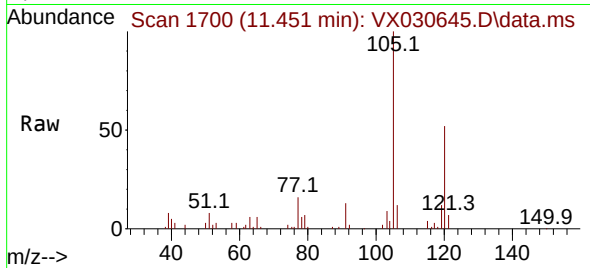
#62
1,3,5-Trimethylbenzene
Concen: 1.850 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2022-06

Tgt Ion:105 Resp: 15252
Ion Ratio Lower Upper
105 100
120 48.0 37.2 55.8

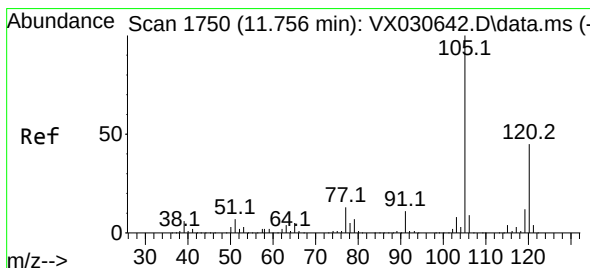
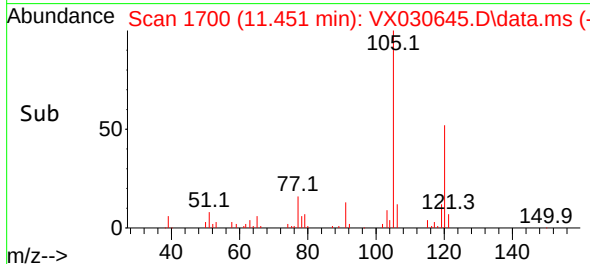
Manual Integrations
APPROVED

Reviewed By :John
Carlone



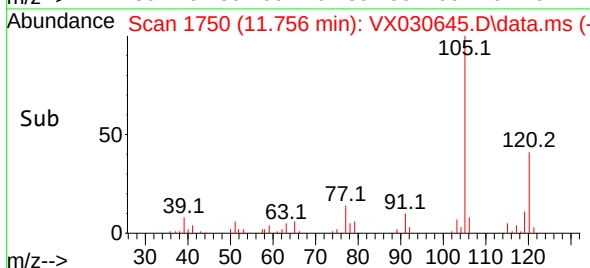
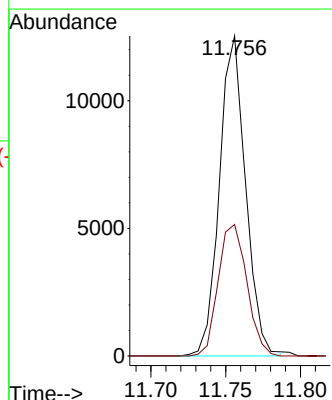
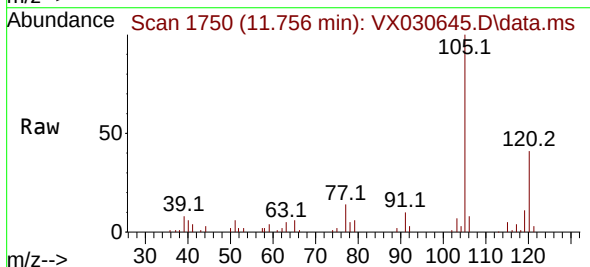
08/17/2022
Supervised By :Semsettin
Yesilyurt

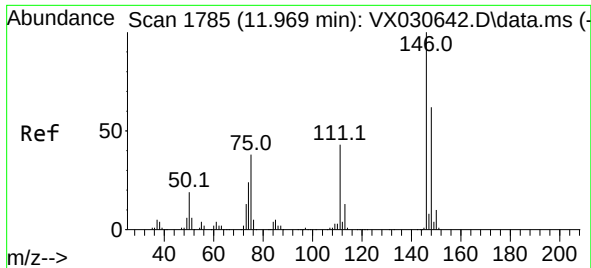
08/17/2022



#63
1,2,4-Trimethylbenzene
Concen: 1.834 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

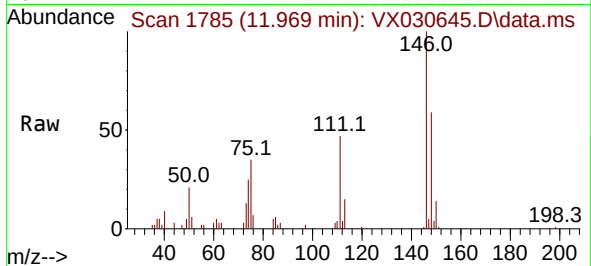
Tgt Ion:105 Resp: 15269
Ion Ratio Lower Upper
105 100
120 44.9 35.9 53.9





#64
1,3-Dichlorobenzene
Concen: 2.093 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

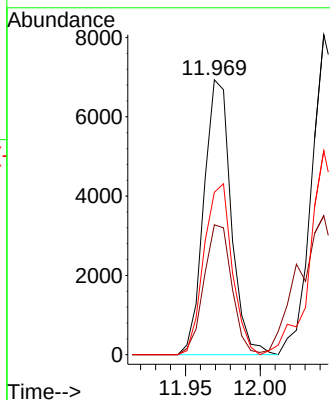
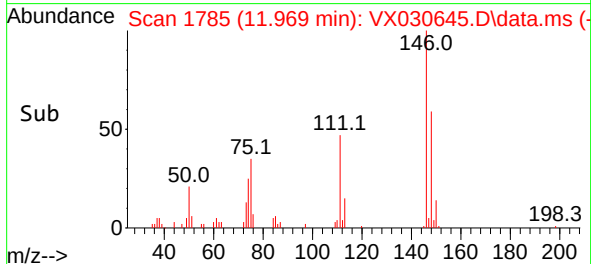
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2022-06



Tgt Ion:146 Resp: 8780
Ion Ratio Lower Upper
146 100
111 47.3 30.9 57.5
148 59.1 42.6 79.0

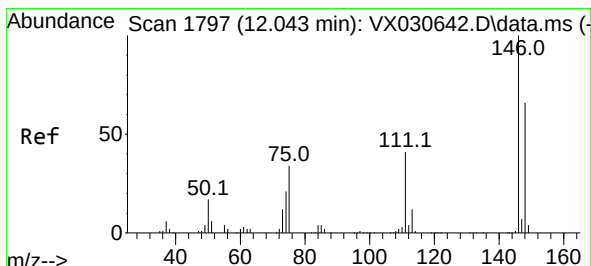
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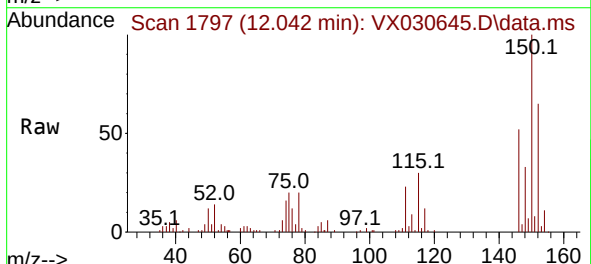


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Supervised By :Semsettin
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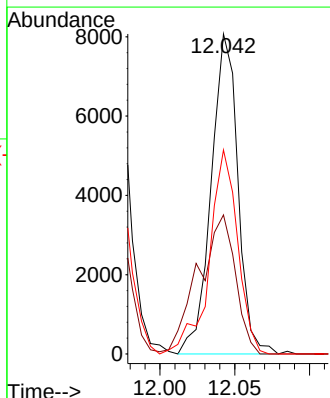
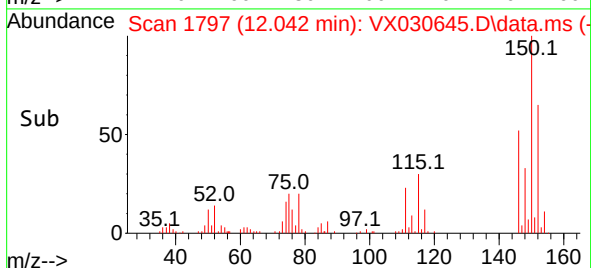
08/17/2022

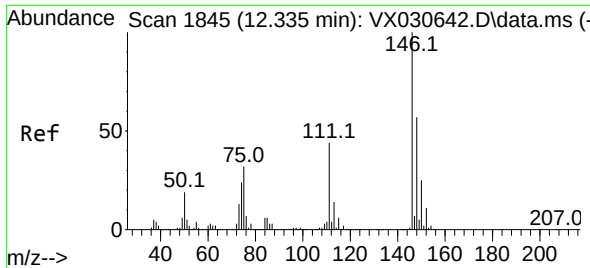


#65
1,4-Dichlorobenzene
Concen: 2.354 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08



Tgt Ion:146 Resp: 10046
Ion Ratio Lower Upper
146 100
111 43.4 32.6 60.6
148 63.8 48.3 89.7





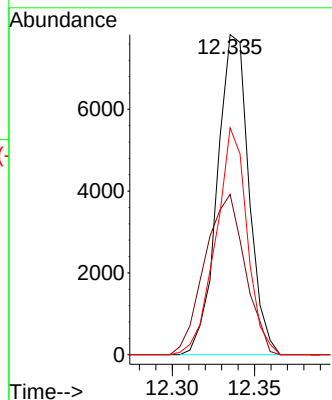
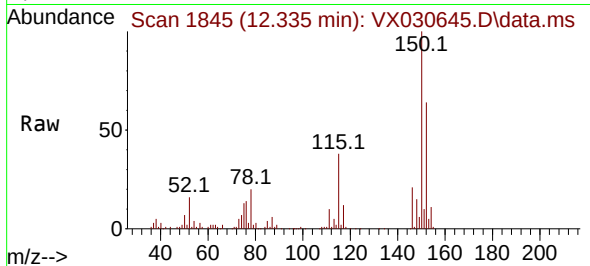
#67
1,2-Dichlorobenzene
Concen: 2.411 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2022-06

Tgt Ion:146 Resp: 1046
Ion Ratio Lower Upper
146 100
111 50.1 36.9 55.3
148 70.9 49.9 74.9

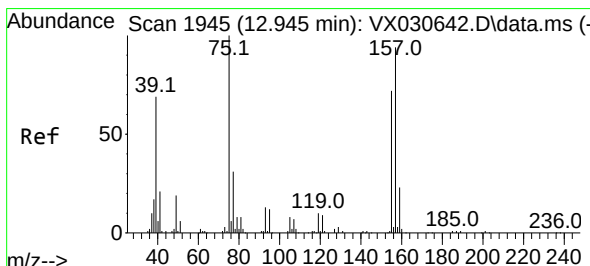
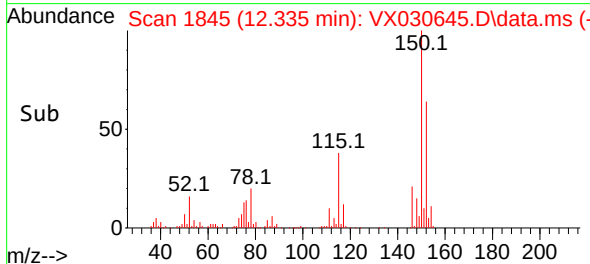
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Reviewed By :John
Carlone



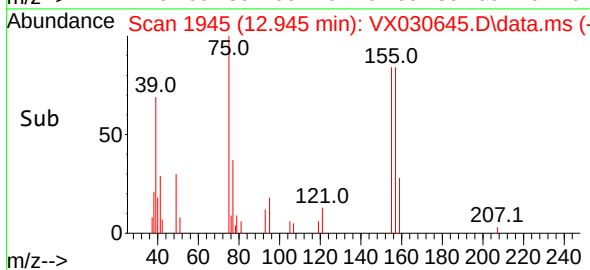
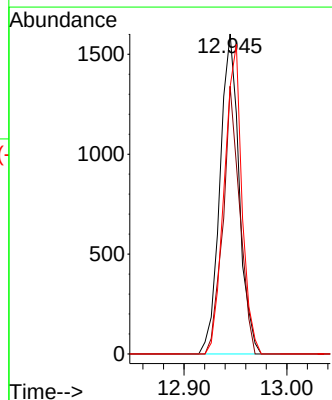
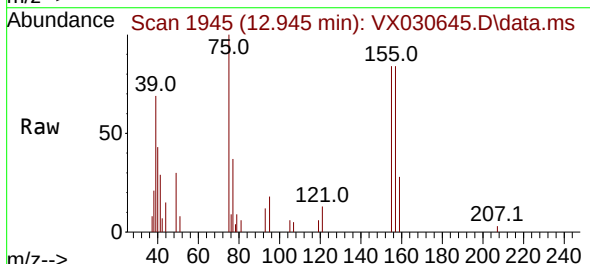
08/17/2022
Supervised By :Semsettin
Yesilyurt

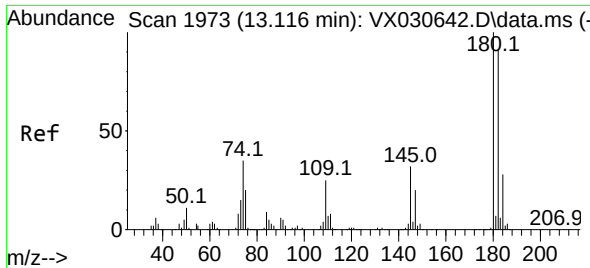
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#68
1,2-Dibromo-3-chloropropane
Concen: 2.142 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

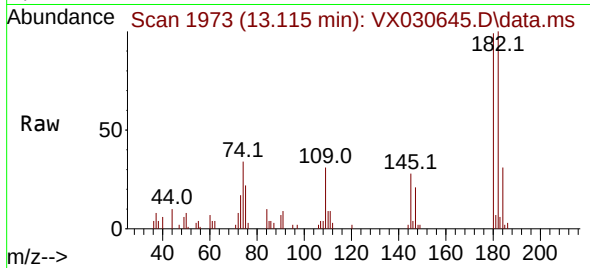
Tgt Ion: 75 Resp: 2067
Ion Ratio Lower Upper
75 100
155 83.6 57.1 85.7
157 83.5 73.1 109.7





#69
1,3,5-Trichlorobenzene
Concen: 2.038 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

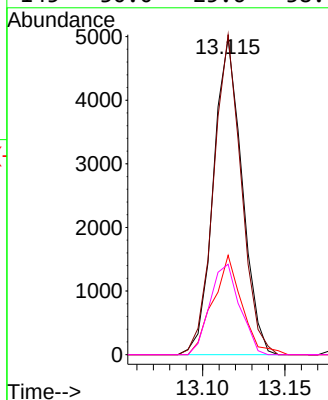
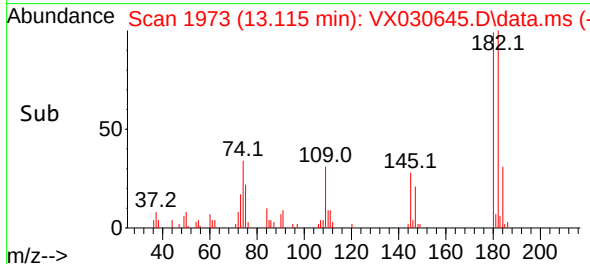
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2022-06



Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	73.7	110.5
184	31.3	24.1	36.1
145	30.0	25.6	38.4

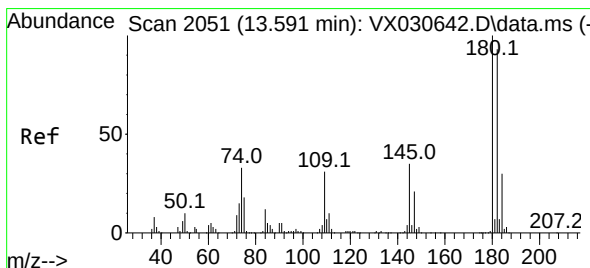
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Reviewed By :John
Carlone

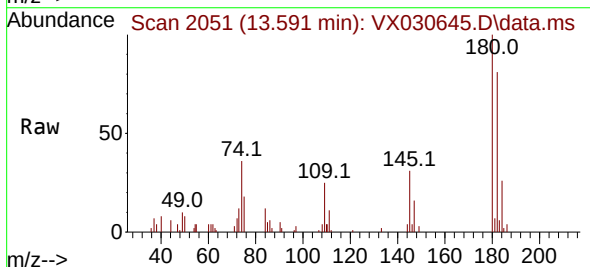


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Supervised By :Semsettin
Yesilyurt

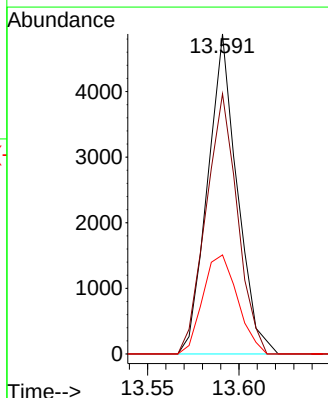
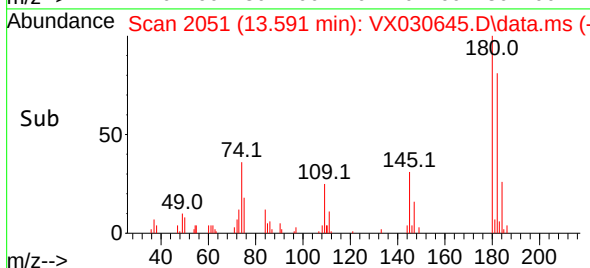
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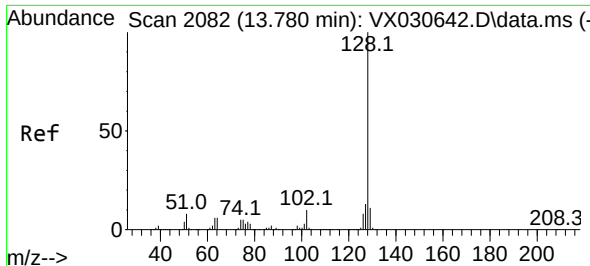


#70
1,2,4-trichlorobenzene
Concen: 2.126 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08



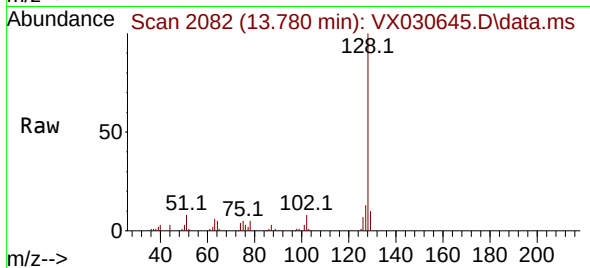
Tgt Ion	Ratio	Lower	Upper
180	100		
182	86.3	72.7	109.1
145	36.4	26.6	40.0





#71
Naphthalene
Concen: 1.792 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

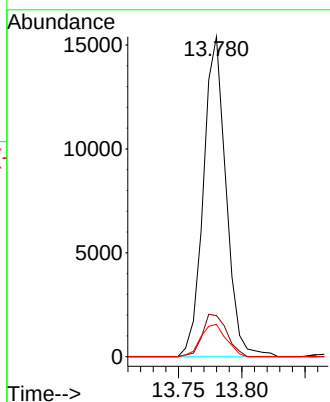
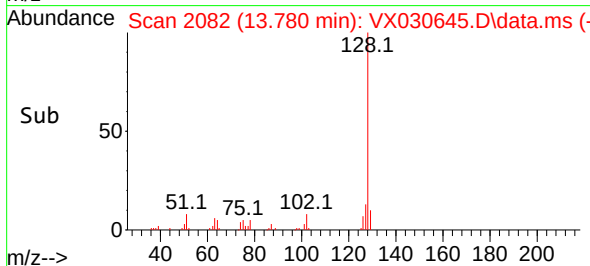
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2022-06



Tgt Ion:128 Resp: 1918
Ion Ratio Lower Upper
128 100
127 14.4 10.3 15.5
129 11.4 8.8 13.2

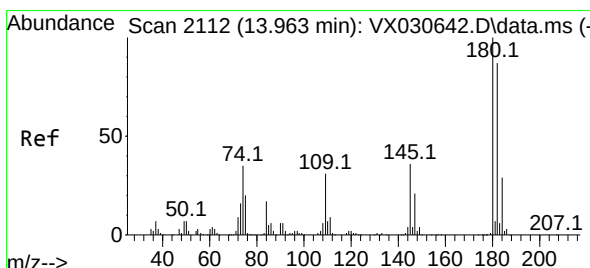
Manual Integrations
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Carlone



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Supervised By :Semsettin
Yesilyurt

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#72
1,2,3-Trichlorobenzene
Concen: 1.963 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030645.D
Acq: 16 Aug 2022 11:08

Tgt Ion:180 Resp: 5362
Ion Ratio Lower Upper
180 100
182 97.8 74.6 112.0
145 36.5 28.4 42.6

