

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021522\
 Data File : VX027029.D
 Acq On : 15 Feb 2022 13:18
 Operator : JC/MD
 Sample : N1331-06
 Misc : 5.00g/5.00mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT1-2022-02

Quant Time: Feb 16 03:00:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 16 01:34:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 02/16/2022

Supervised By :Semsetun
 Yesilyurt
 02/17/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	121253	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	114953	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	57087	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	45608	42.376	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.760%		
7) Chloroethane-d5	1.673	69	35549	51.476	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.960%		
11) 1,1-Dichloroethene-d2	2.313	63	74058	35.886	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.780%		
21) 2-Butanone-d5	4.453	46	77562	103.747	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.750%		
24) Chloroform-d	5.062	84	97651	48.314	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.620%		
26) 1,2-Dichloroethane-d4	5.958	65	64375	49.144	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.280%		
32) Benzene-d6	5.977	84	197235	47.629	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.260%		
36) 1,2-Dichloropropane-d6	7.312	67	60954	49.553	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.100%		
41) Toluene-d8	8.647	98	177639	46.885	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.760%		
43) trans-1,3-Dichloroprop...	8.952	79	25574	45.599	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.200%		
47) 2-Hexanone-d5	9.385	63	55690	104.720	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.720%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	77132	53.058	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.120%		
66) 1,2-Dichlorobenzene-d4	12.323	152	66527	51.303	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	3041	2.337	ug/L	97
3) Chloromethane	1.295	50	2492	2.433	ug/L	90
5) Vinyl chloride	1.380	62	2536	2.463	ug/L #	75
6) Bromomethane	1.612	94	1129	2.577	ug/L	87
8) Chloroethane	1.691	64	1469	2.639	ug/L	94
9) Trichlorofluoromethane	1.892	101	3252	2.270	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	2867	3.104	ug/L #	81
12) 1,1-Dichloroethene	2.325	96	2500	2.947	ug/L #	1
13) Acetone	2.380	43	3121	4.960	ug/L	100
14) Carbon disulfide	2.520	76	5399	2.148	ug/L	97
15) Methyl Acetate	2.703	43	2436	2.506	ug/L	99
16) Methylene chloride	2.794	84	2391	2.573	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	1956	2.179	ug/L	93
18) Methyl tert-butyl Ether	3.111	73	6461	2.345	ug/L	99
19) 1,1-Dichloroethane	3.611	63	3858	2.410	ug/L	94
20) cis-1,2-Dichloroethene	4.495	96	2290	2.325	ug/L	93
22) 2-Butanone	4.568	43	4060	5.038	ug/L	85
23) Bromochloromethane	4.898	128	1208	2.401	ug/L #	96
25) Chloroform	5.093	83	5503	3.213	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	3415	2.578	ug/L	99
29) Cyclohexane	5.477	56	3597	2.282	ug/L #	64
30) 1,1,1-Trichloroethane	5.385	97	3268	2.185	ug/L	98
31) Carbon tetrachloride	5.690	117	2814m	2.121	ug/L	
33) Benzene	6.038	78	8834	2.378	ug/L	100
34) Trichloroethene	7.123	95	2405	2.264	ug/L	93
35) Methylcyclohexane	7.379	83	3645	2.270	ug/L	97
37) 1,2-Dichloropropane	7.434	63	2370	2.537	ug/L #	85
38) Bromodichloromethane	7.824	83	2912	2.322	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	3028	2.163	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	6062	4.565	ug/L	99
42) Toluene	8.720	91	11526	2.890	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	2817	2.141	ug/L	95
45) 1,1,2-Trichloroethane	9.153	97	2158	2.363	ug/L	94
46) Tetrachloroethene	9.275	164	1866	2.372	ug/L	94
48) 2-Hexanone	9.433	43	6139	5.710	ug/L	93
49) Dibromochloromethane	9.525	129	2118	2.114	ug/L	98
50) 1,2-Dibromoethane	9.610	107	2168	2.261	ug/L	100
51) Chlorobenzene	10.080	112	5998	2.349	ug/L	96
52) Ethylbenzene	10.195	91	9785	2.281	ug/L	97
53) m,p-Xylene	10.305	106	3821	2.259	ug/L	97
54) o-Xylene	10.647	106	3541	2.189	ug/L	99
55) Styrene	10.659	104	5692	2.078	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.214	83	3370	2.786	ug/L #	96
59) Bromoform	10.799	173	1321	2.017	ug/L #	90
60) Isopropylbenzene	10.964	105	9345	2.266	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	2892	2.671	ug/L	94
62) 1,3,5-Trimethylbenzene	11.451	105	6164	2.167	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	7805	2.259	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	4448	2.424	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	4568	2.474	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	4462	2.515	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	517m	1.966	ug/L	
69) 1,3,5-Trichlorobenzene	13.116	180	2748	2.179	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	2573	2.311	ug/L	92
71) Naphthalene	13.774	128	7403	1.997	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	2405	2.161	ug/L	100

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

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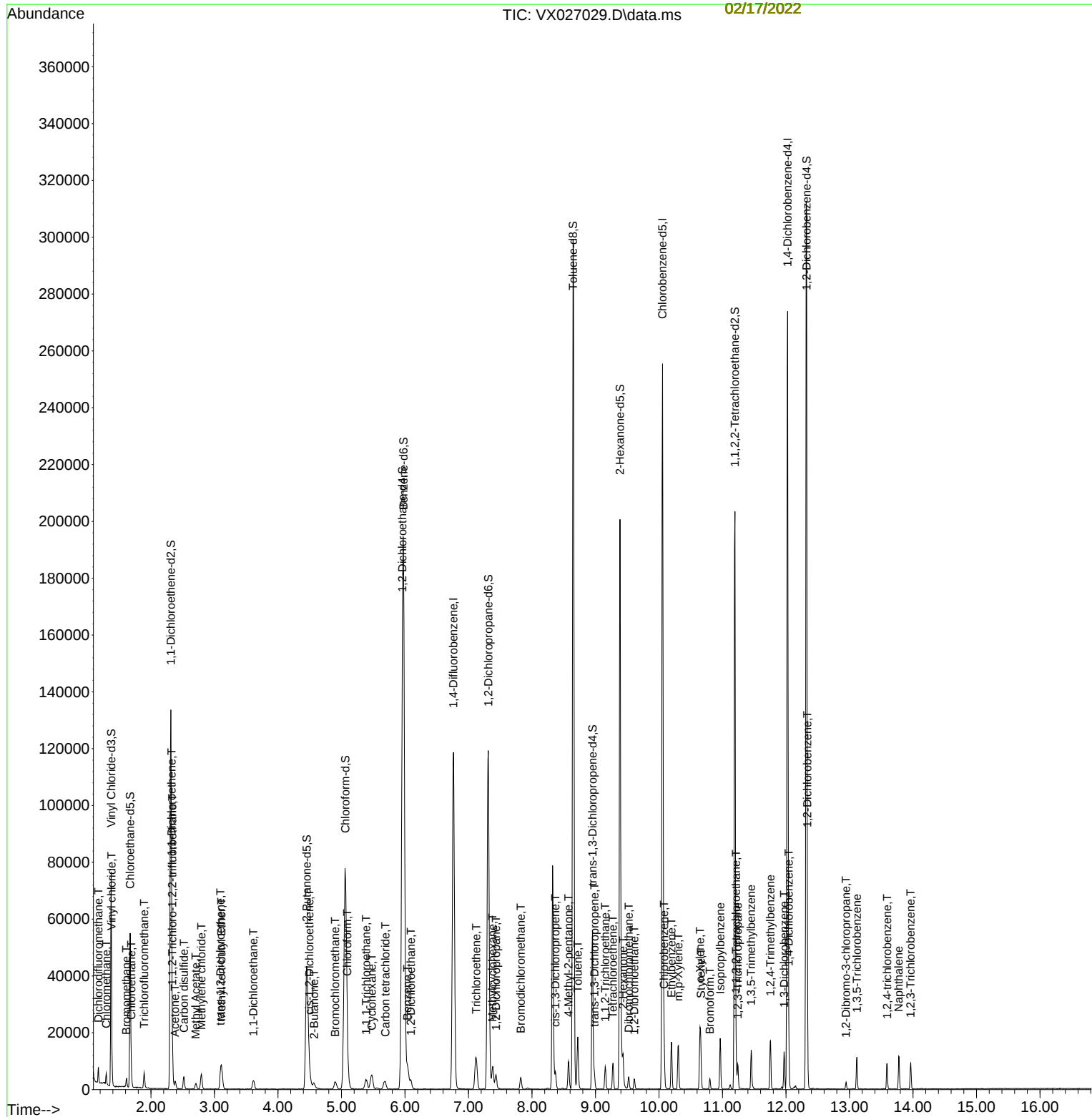
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

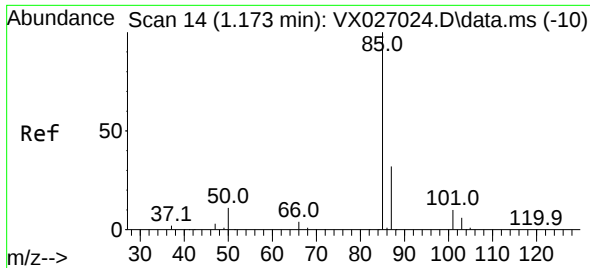
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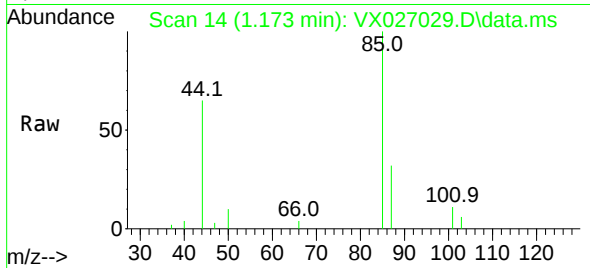
Supervised By :Semsetun
Yesilyurt
02/17/2022





#2
 Dichlorodifluoromethane
 Concen: 2.337 ug/L
 RT: 1.173 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX027029.D
 Acq: 15 Feb 2022 13:18

Instrument : MSVOA_X
 ClientSampleId : MDL-MED-SOIL-QT1-2022-02

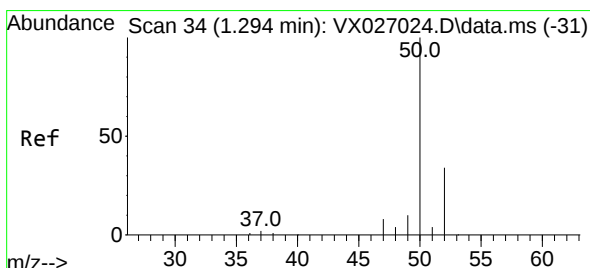
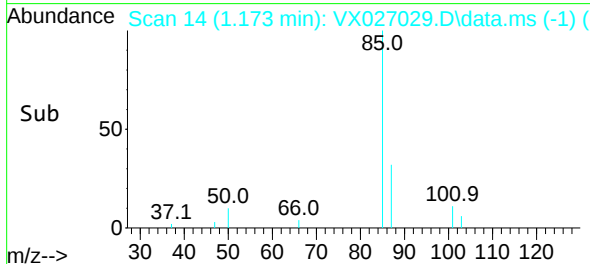
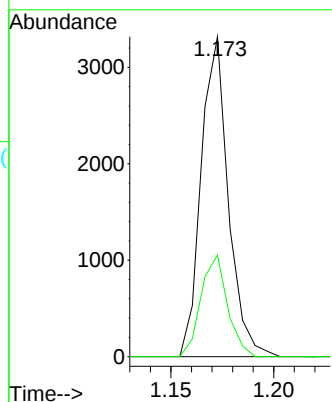


Tgt Ion: 85 Resp: 304
 Ion Ratio Lower Upper
 85 100
 87 31.0 25.9 38.9

Manual Integrations
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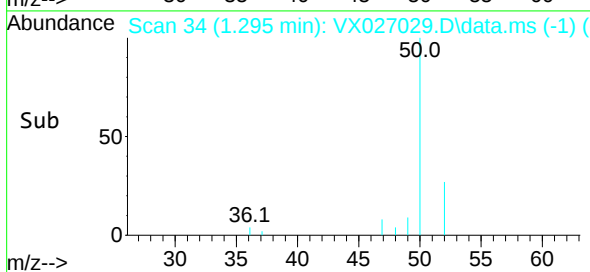
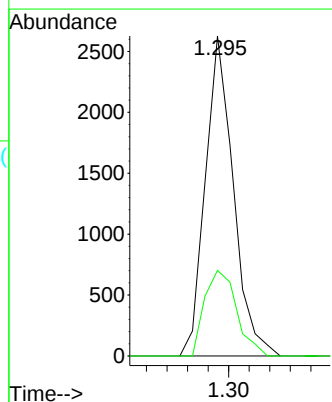
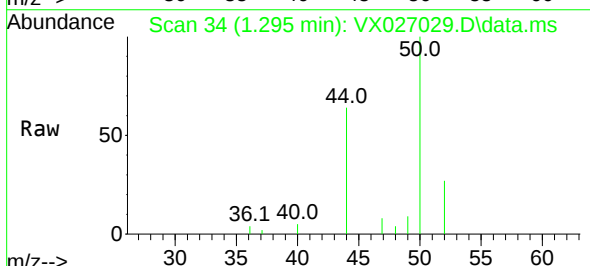
Reviewed By :John
 Carlone
 02/16/2022

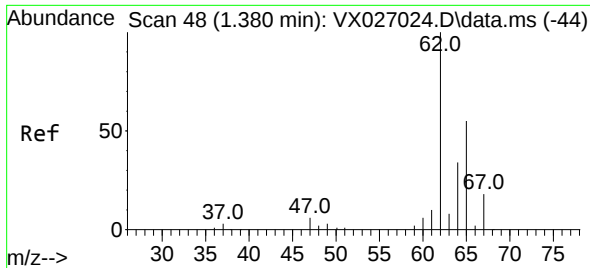
Supervised By :Semsetun
 Yesilyurt
 02/17/2022



#3
 Chloromethane
 Concen: 2.433 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX027029.D
 Acq: 15 Feb 2022 13:18

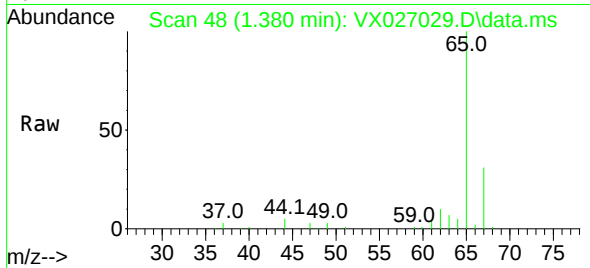
Tgt Ion: 50 Resp: 2492
 Ion Ratio Lower Upper
 50 100
 52 26.7 22.5 41.7





#5
 Vinyl chloride
 Concen: 2.463 ug/L
 RT: 1.380 min Scan# 44
 Delta R.T. 0.000 min
 Lab File: VX027029.D
 Acq: 15 Feb 2022 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT1-2022-02

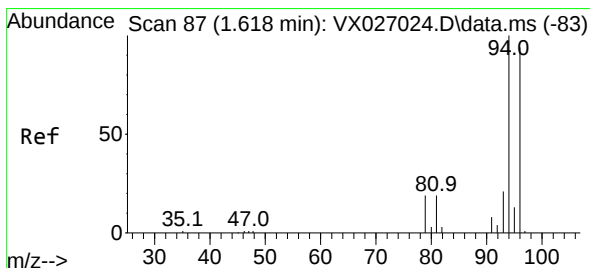
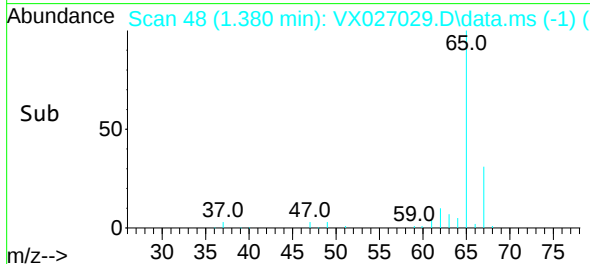
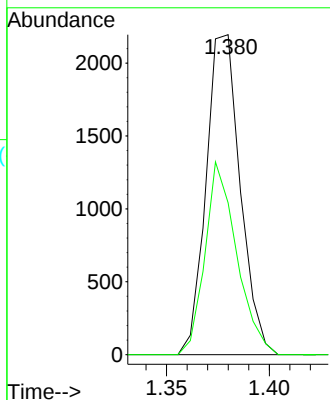


Tgt Ion: 62 Resp: 2530
 Ion Ratio Lower Upper
 62 100
 64 47.5 23.3 43.3

Manual Integrations
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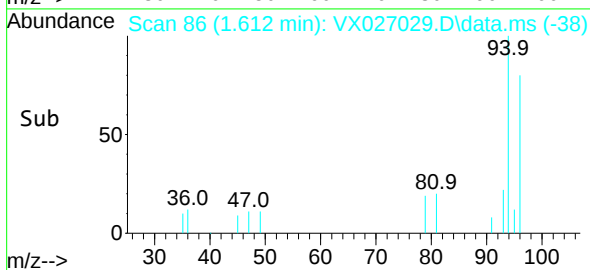
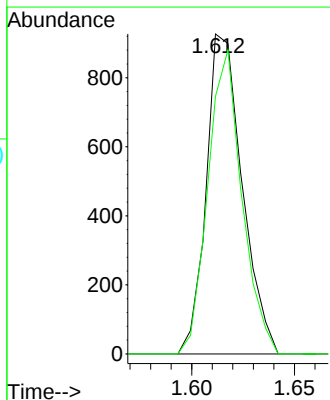
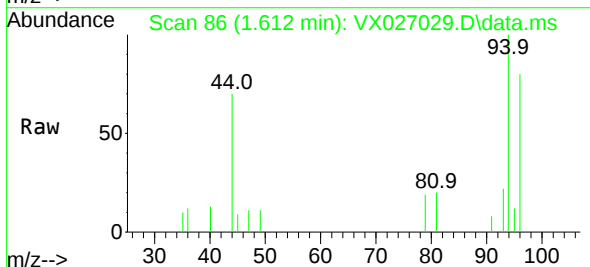
Reviewed By :John
 Carlone
 02/16/2022

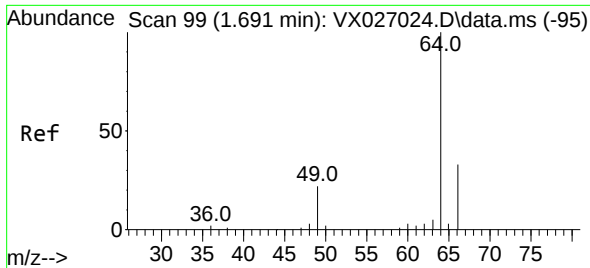
Supervised By :Semsetun
 Yesilyurt
 02/17/2022



#6
 Bromomethane
 Concen: 2.577 ug/L
 RT: 1.612 min Scan# 86
 Delta R.T. -0.006 min
 Lab File: VX027029.D
 Acq: 15 Feb 2022 13:18

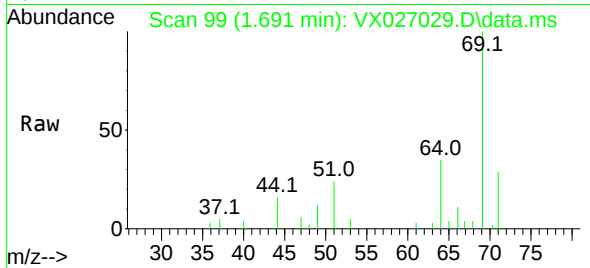
Tgt Ion: 94 Resp: 1129
 Ion Ratio Lower Upper
 94 100
 96 80.5 64.9 120.5





#8
Chloroethane
Concen: 2.639 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT1-2022-02

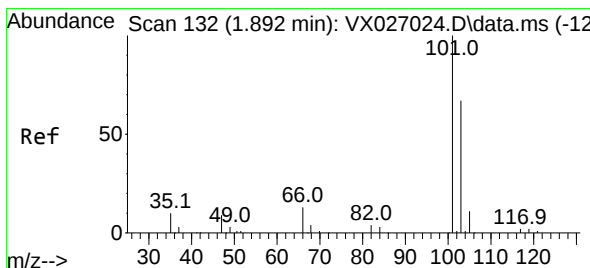
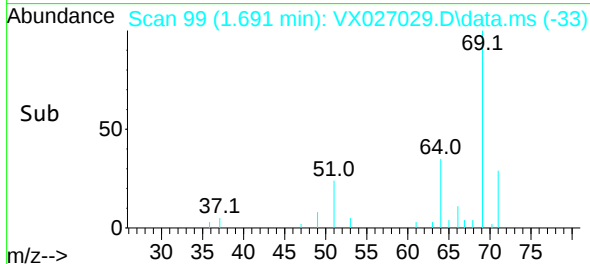
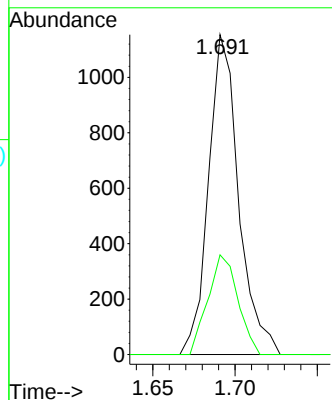


Tgt Ion: 64 Resp: 1469
Ion Ratio Lower Upper
64 100
66 31.2 24.2 45.0

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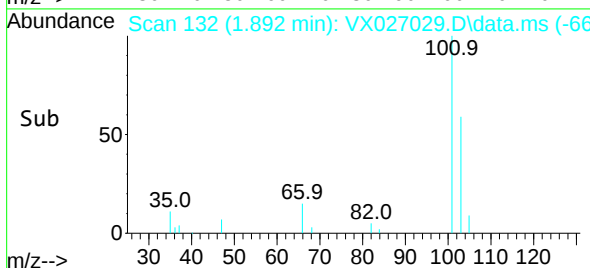
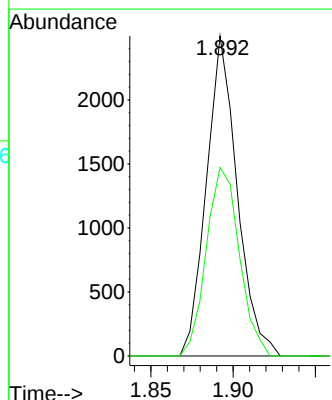
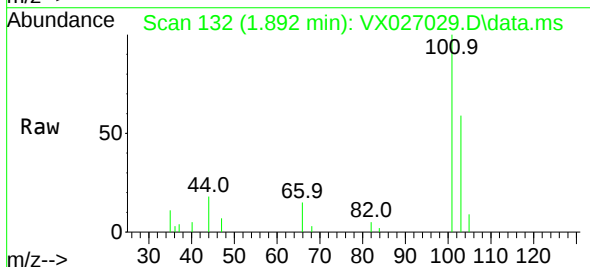
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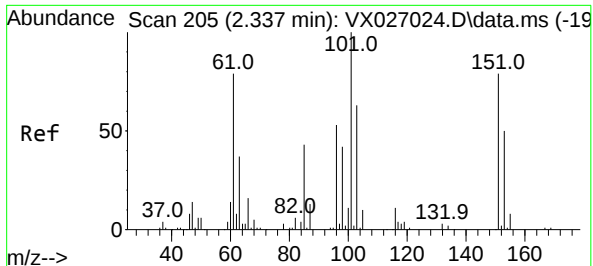
Supervised By :Semsetun
Yesilyurt
02/17/2022



#9
Trichlorofluoromethane
Concen: 2.270 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Tgt Ion:101 Resp: 3252
Ion Ratio Lower Upper
101 100
103 63.1 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.104 ug/L

RT: 2.337 min Scan# 205

Delta R.T. 0.000 min

Lab File: VX027029.D

Acq: 15 Feb 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT1-2022-02

Tgt Ion:101 Resp: 286

Ion Ratio Lower Upper

101 100

85 30.5 33.9 50.9

151 60.1 60.7 91.1

Manual Integrations

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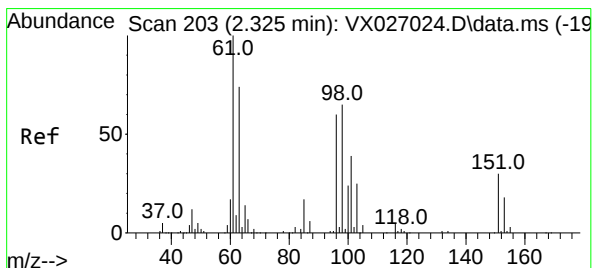
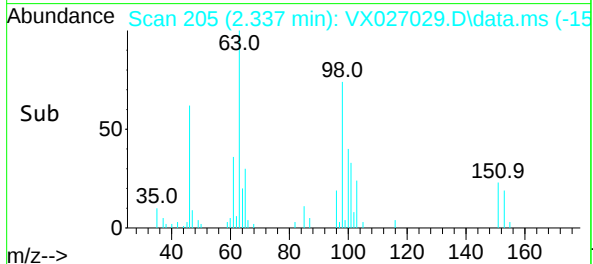
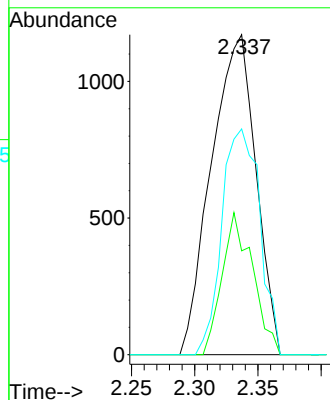
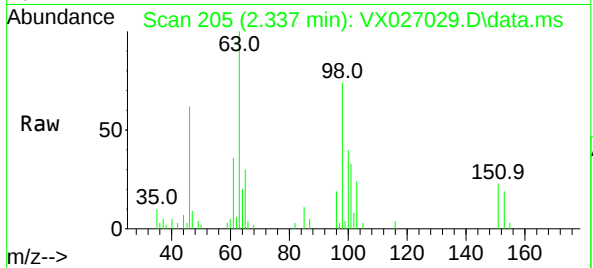
Carlone

02/16/2022

Supervised By :Semsetun

Yesilyurt

02/17/2022



#12

1,1-Dichloroethene

Concen: 2.947 ug/L

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

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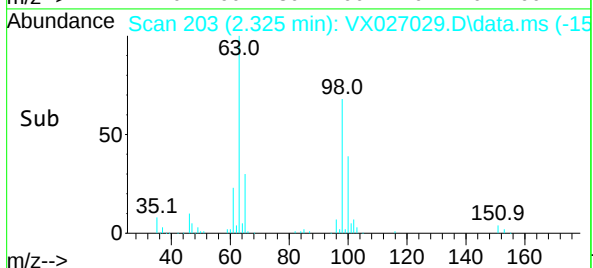
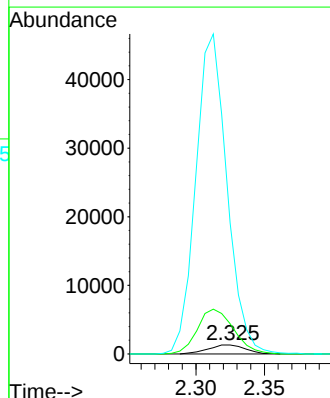
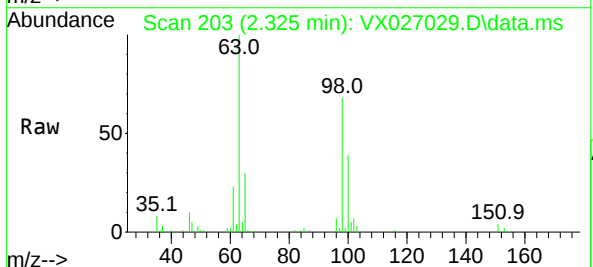
Tgt Ion: 96 Resp: 2500

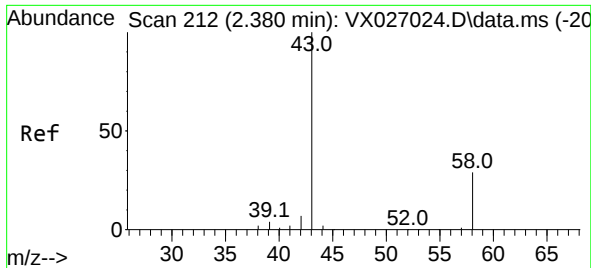
Ion Ratio Lower Upper

96 100

61 336.4 118.2 219.4#

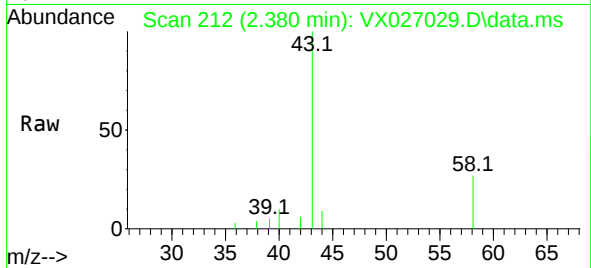
63 1457.2 109.6 203.4#





#13
Acetone
Concen: 4.960 ug/L
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
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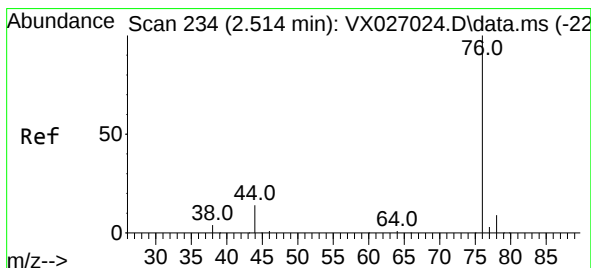
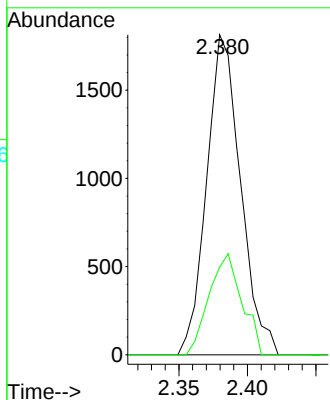
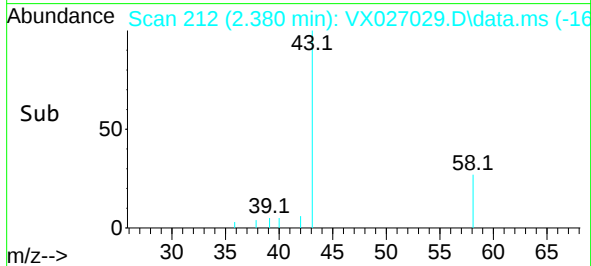


Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
58 30.5 0.0 61.4

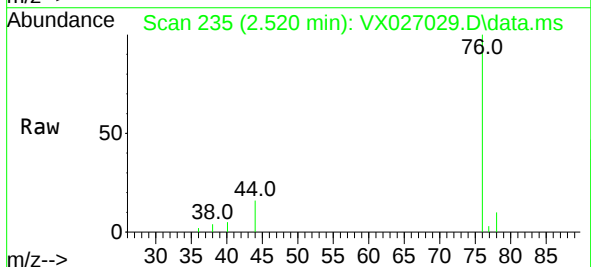
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Carlone
02/16/2022

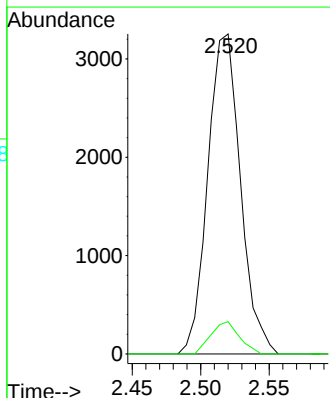
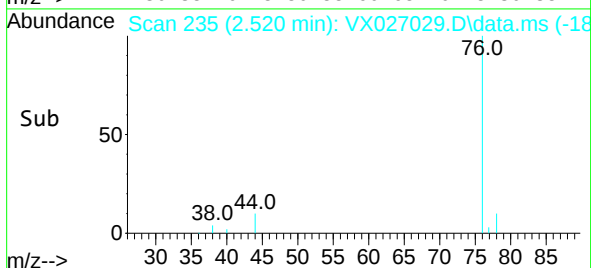
Supervised By :Semsetun
Yesilyurt
02/17/2022

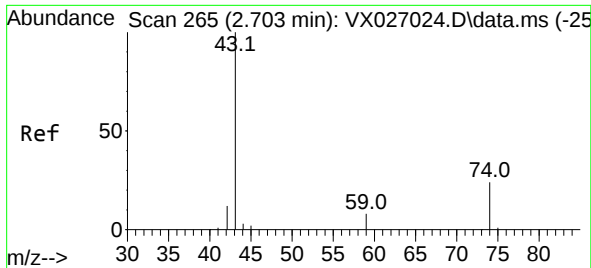


#14
Carbon disulfide
Concen: 2.148 ug/L
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18



Tgt Ion: 76 Resp: 5399
Ion Ratio Lower Upper
76 100
78 10.1 7.1 10.7





#15
Methyl Acetate
Concen: 2.506 ug/L
RT: 2.703 min Scan# 243
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

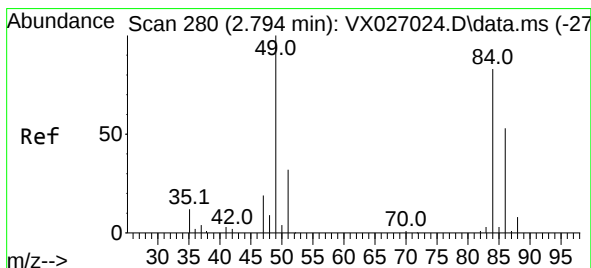
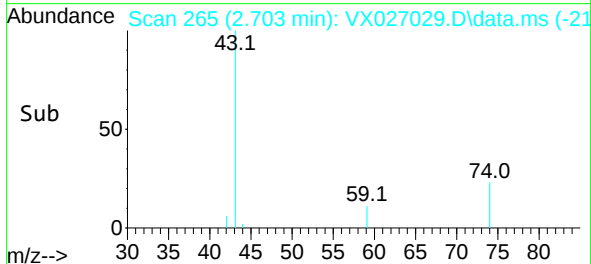
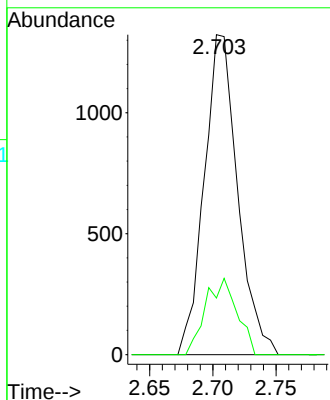
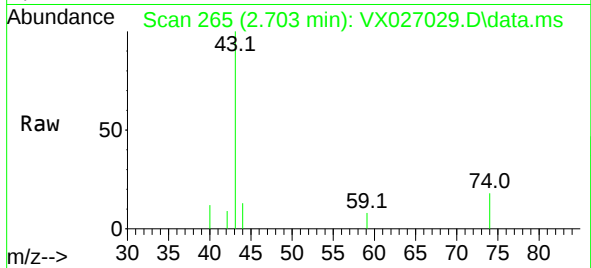
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

Tgt Ion: 43 Resp: 243
Ion Ratio Lower Upper
43 100
74 22.4 18.2 27.4

Manual Integrations
APPROVED

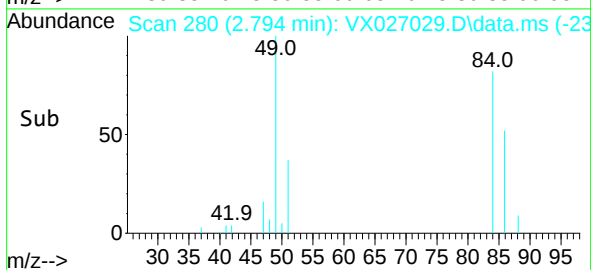
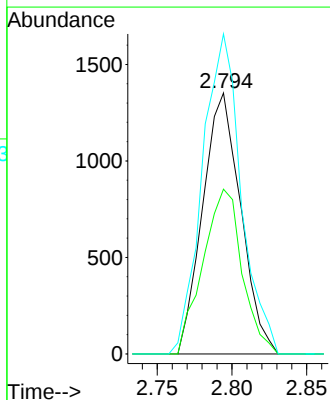
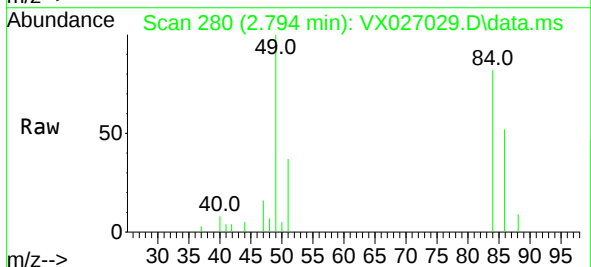
Reviewed By :John
Carlone
02/16/2022

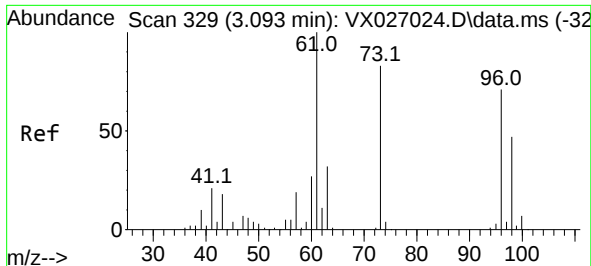
Supervised By :Semsetun
Yesilyurt
02/17/2022



#16
Methylene chloride
Concen: 2.573 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

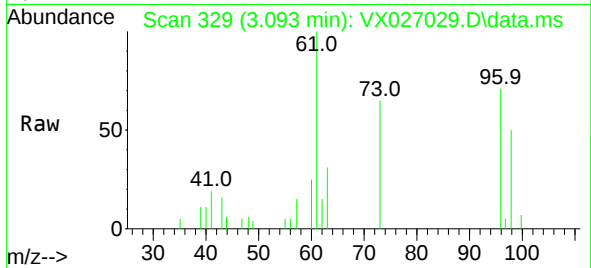
Tgt Ion: 84 Resp: 2391
Ion Ratio Lower Upper
84 100
86 63.2 44.8 83.2
49 122.6 87.0 161.6





#17
trans-1,2-Dichloroethene
Concen: 2.179 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

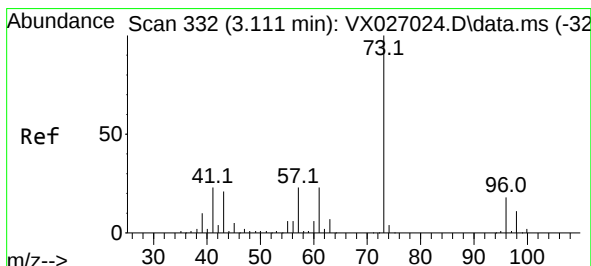
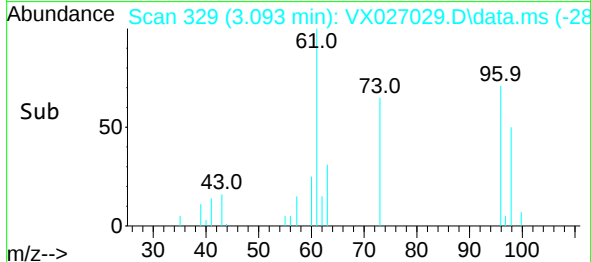
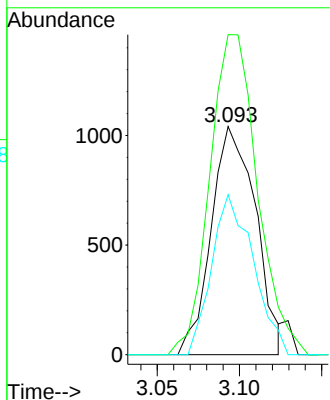


Tgt Ion: 96 Resp: 1950
Ion Ratio Lower Upper
96 100
61 140.2 93.0 172.6
98 70.1 44.3 82.3

Manual Integrations
APPROVED

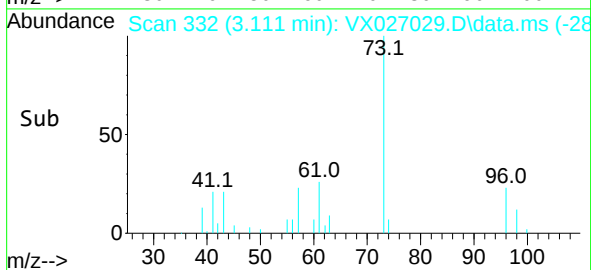
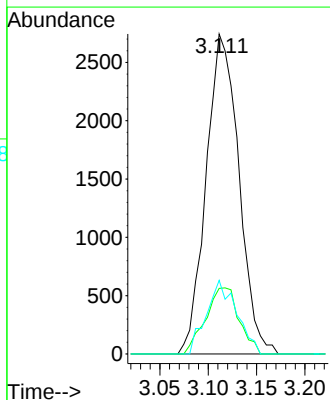
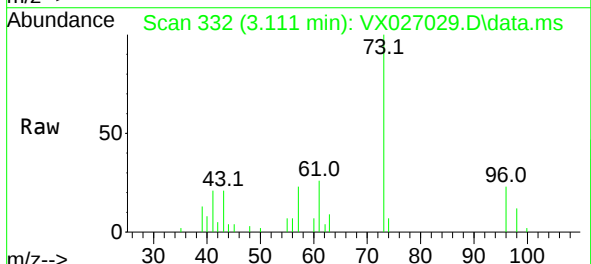
Reviewed By :John
Carlone
02/16/2022

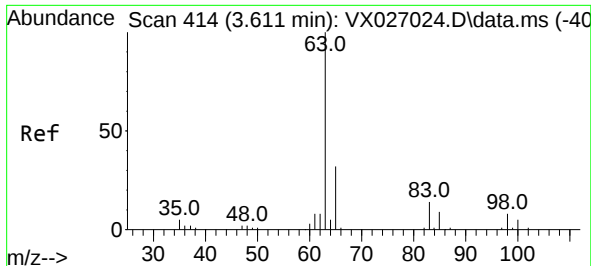
Supervised By :Semsetun
Yesilyurt
02/17/2022



#18
Methyl tert-butyl Ether
Concen: 2.345 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Tgt Ion: 73 Resp: 6461
Ion Ratio Lower Upper
73 100
43 21.1 16.2 24.4
57 21.3 17.1 25.7





#19

1,1-Dichloroethane

Concen: 2.410 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX027029.D

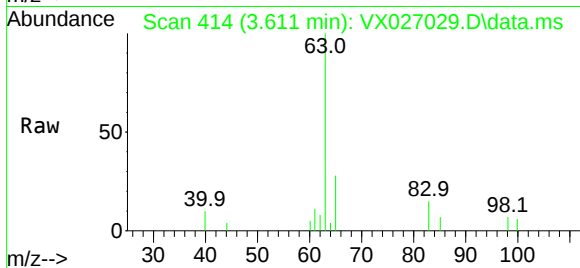
Acq: 15 Feb 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT1-2022-02



Tgt Ion:	63	Resp:	385
Ion Ratio	100	Lower	Upper
63	100		
65	28.0	22.9	42.5
83	15.0	10.1	18.9

Manual Integrations

APPROVED

Reviewed By :John

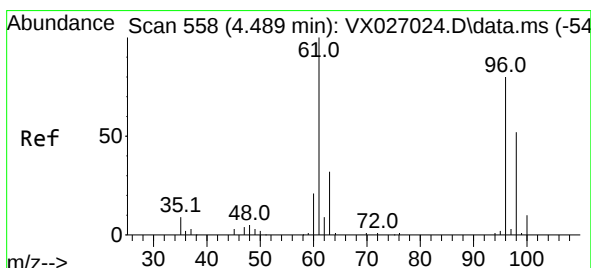
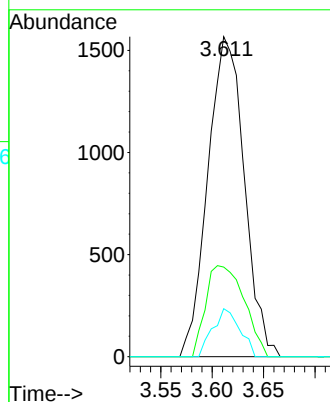
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Supervised By :Semsetun

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#20

cis-1,2-Dichloroethene

Concen: 2.325 ug/L

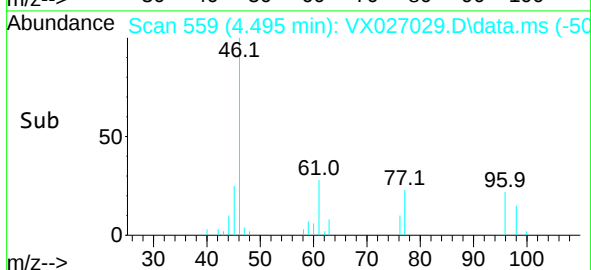
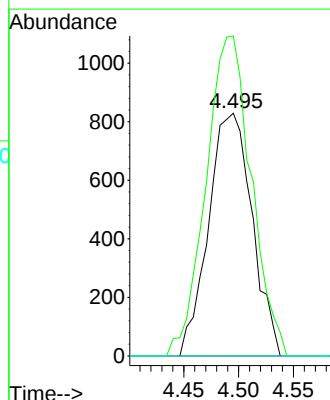
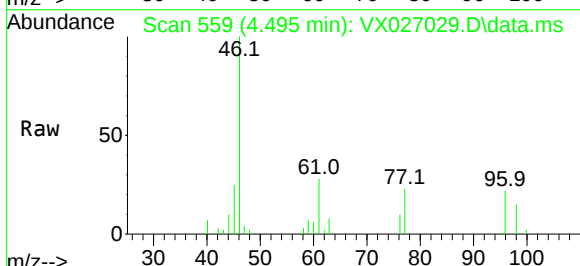
RT: 4.495 min Scan# 559

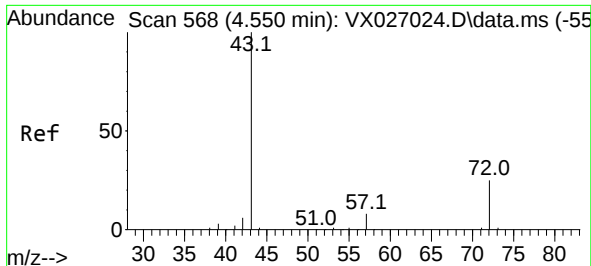
Delta R.T. 0.006 min

Lab File: VX027029.D

Acq: 15 Feb 2022 13:18

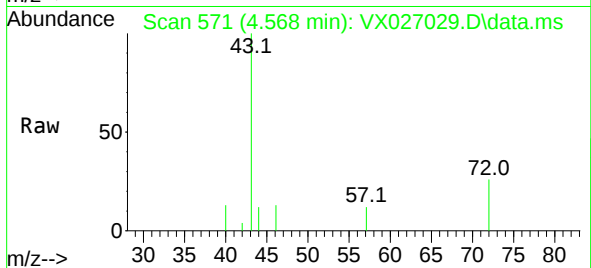
Tgt Ion:	96	Resp:	2290
Ion Ratio	100	Lower	Upper
96	100		
61	131.8	86.7	161.1
68	0.0	0.0	0.0





#22
2-Butanone
Concen: 5.038 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

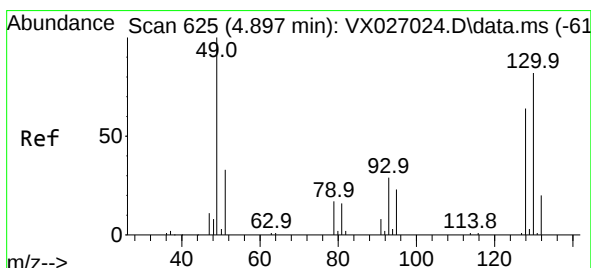
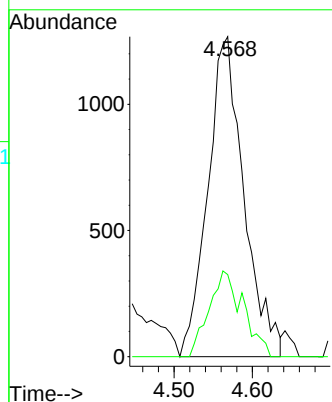
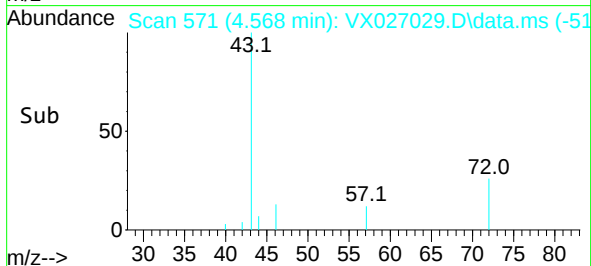


Tgt Ion: 43 Resp: 4060
Ion Ratio Lower Upper
43 100
72 18.8 13.2 39.5

Manual Integrations
APPROVED

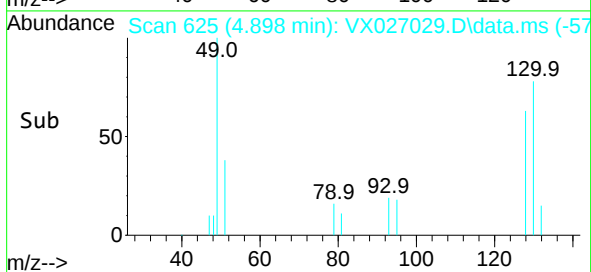
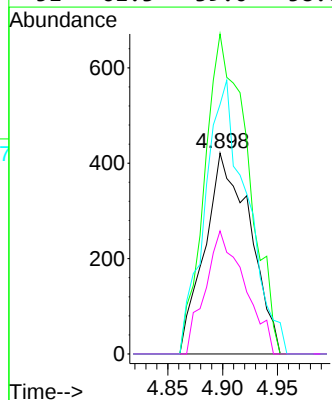
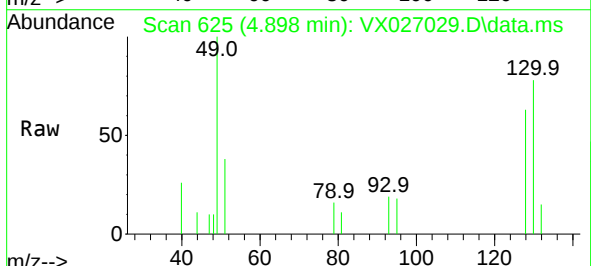
Reviewed By :John
Carlone
02/16/2022

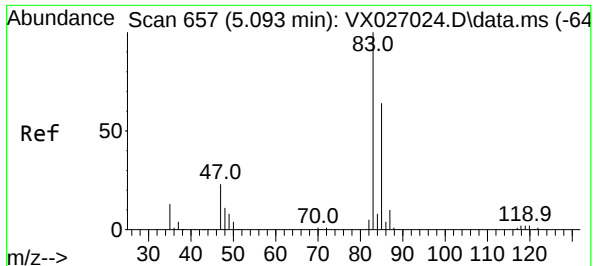
Supervised By :Semsetun
Yesilyurt
02/17/2022



#23
Bromochloromethane
Concen: 2.401 ug/L
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

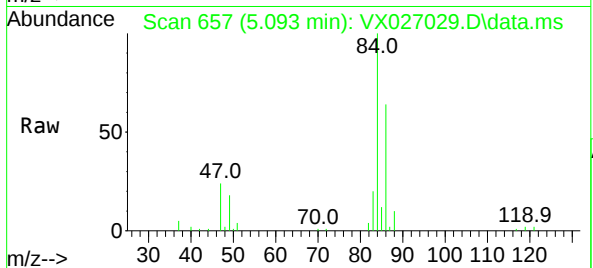
Tgt Ion:128 Resp: 1208
Ion Ratio Lower Upper
128 100
49 159.4 110.2 204.6
130 124.2 88.2 163.8
51 61.3 39.0 58.6#





#25
Chloroform
Concen: 3.213 ug/L
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

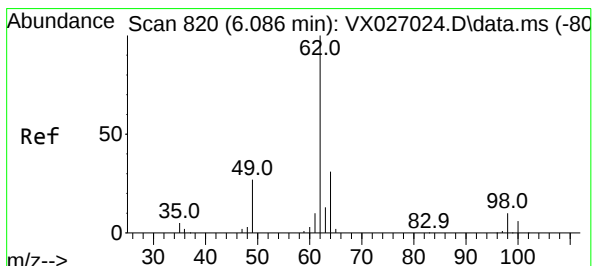
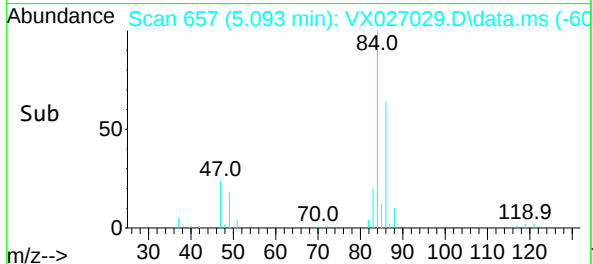
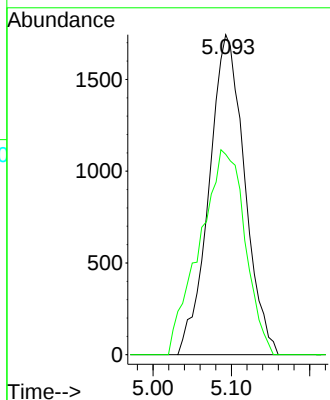


Tgt Ion: 83 Resp: 550
Ion Ratio Lower Upper
83 100
85 62.6 44.2 82.2

Manual Integrations
APPROVED

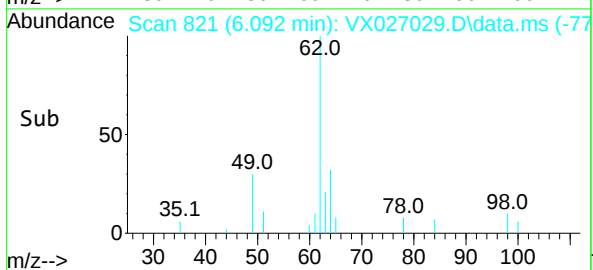
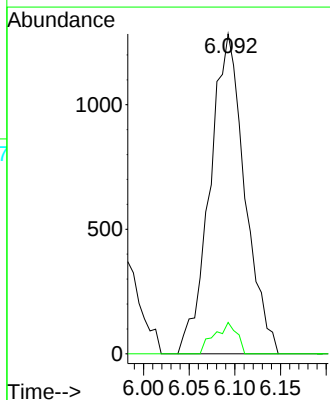
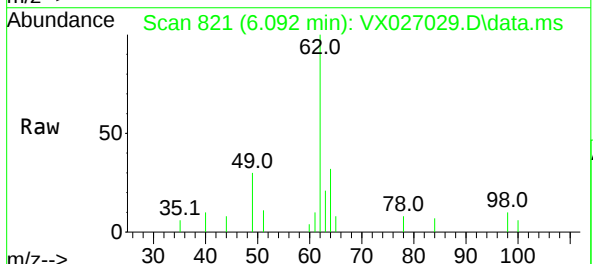
Reviewed By :John
Carlone
02/16/2022

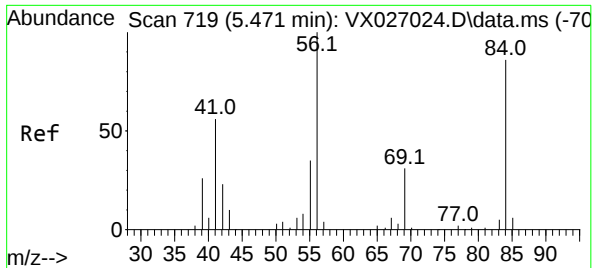
Supervised By :Semsetun
Yesilyurt
02/17/2022



#27
1,2-Dichloroethane
Concen: 2.578 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Tgt Ion: 62 Resp: 3415
Ion Ratio Lower Upper
62 100
98 9.8 8.2 12.2





#29

Cyclohexane

Concen: 2.282 ug/L

RT: 5.477 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX027029.D

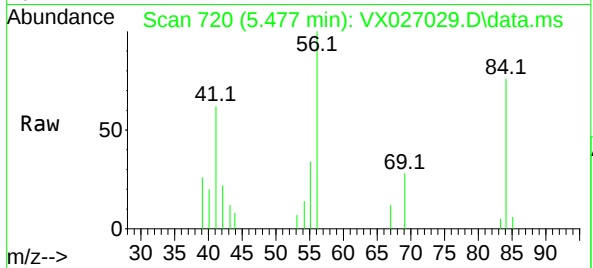
Acq: 15 Feb 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT1-2022-02



Tgt Ion:	56	Resp:	359
Ion Ratio	Lower	Upper	
56	100		
69	13.9	24.6	36.8
84	52.4	69.8	104.8

Manual Integrations

APPROVED

Reviewed By :John

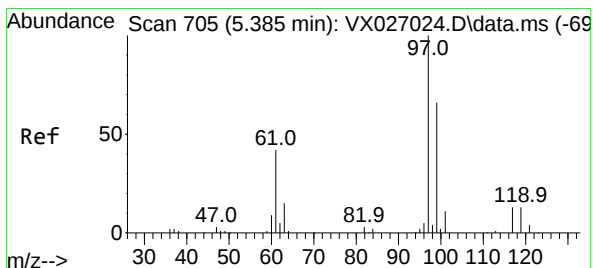
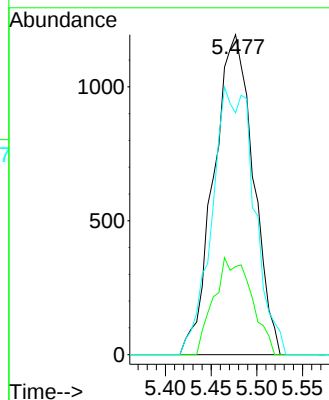
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Supervised By :Semsetun

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#30

1,1,1-Trichloroethane

Concen: 2.185 ug/L

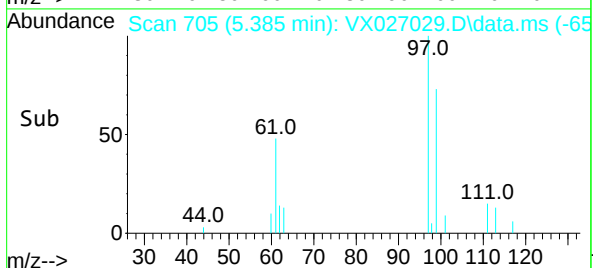
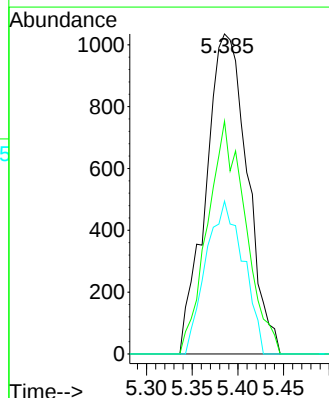
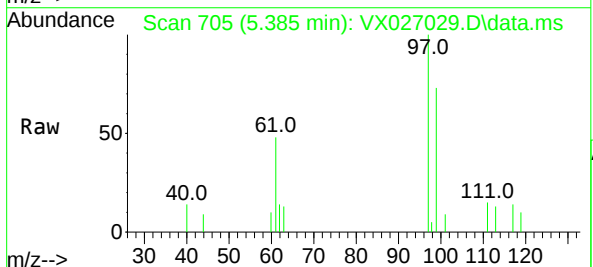
RT: 5.385 min Scan# 705

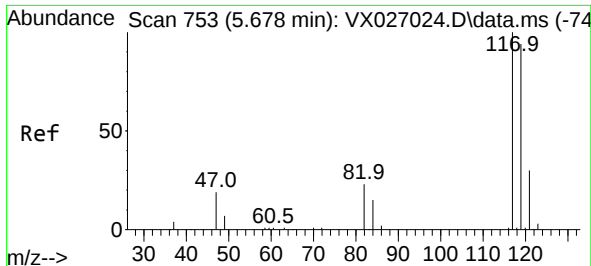
Delta R.T. 0.000 min

Lab File: VX027029.D

Acq: 15 Feb 2022 13:18

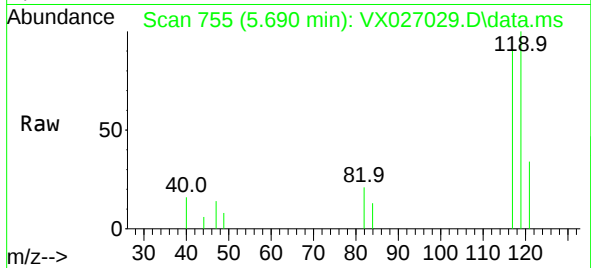
Tgt Ion:	97	Resp:	3268
Ion Ratio	Lower	Upper	
97	100		
99	66.7	51.5	77.3
61	43.0	35.2	52.8





#31
Carbon tetrachloride
Concen: 2.121 ug/L m
RT: 5.690 min Scan# 753
Delta R.T. 0.012 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

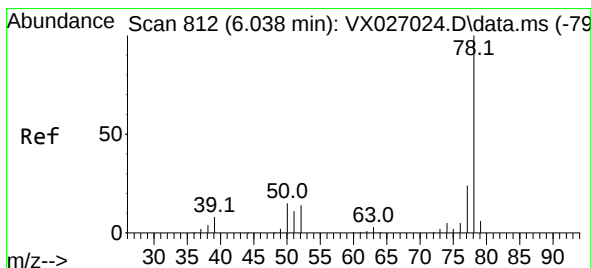
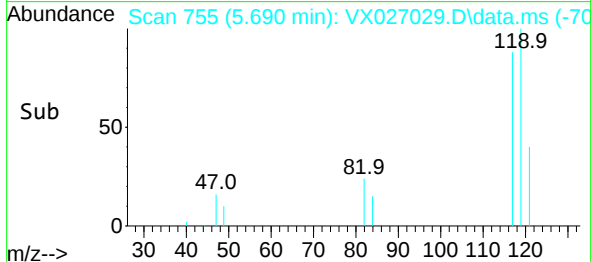
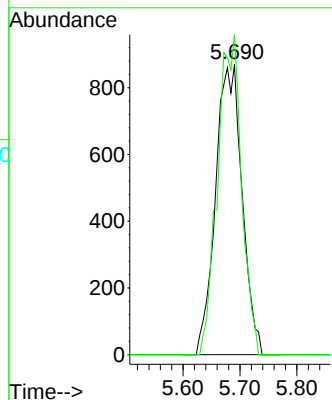


Tgt Ion:117 Resp: 2814
Ion Ratio Lower Upper
117 100
119 60.2 77.8 116.8

Manual Integrations
APPROVED

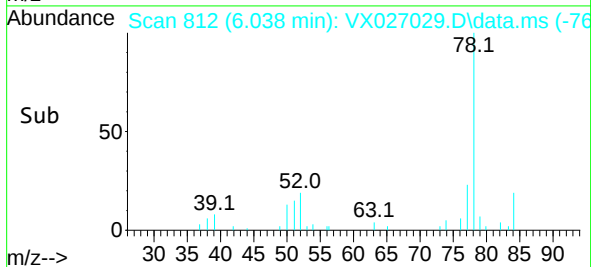
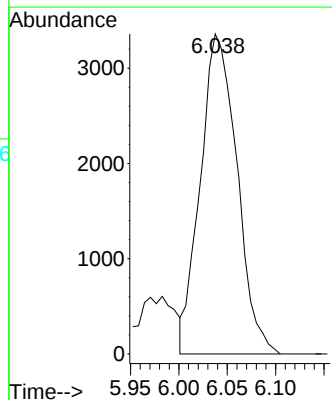
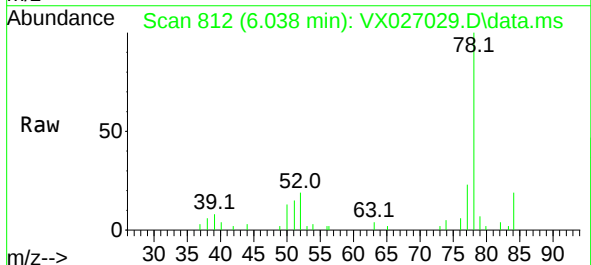
Reviewed By :John
Carlone
02/16/2022

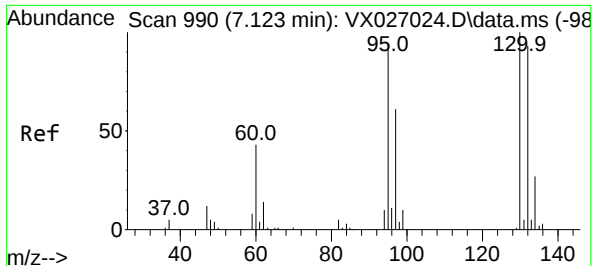
Supervised By :Semsetun
Yesilyurt
02/17/2022



#33
Benzene
Concen: 2.378 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

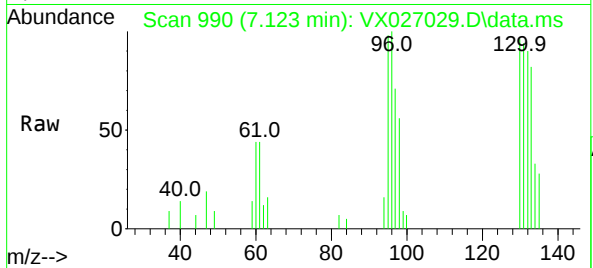
Tgt Ion: 78 Resp: 8834





#34
Trichloroethene
Concen: 2.264 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

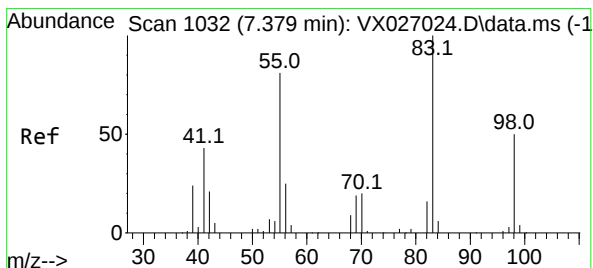
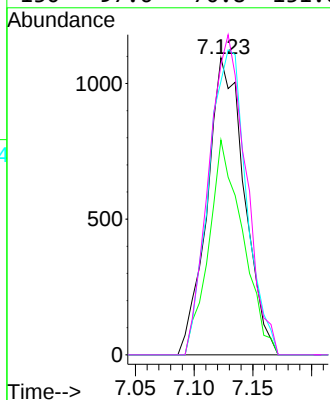


Tgt Ion: 95 Resp: 240
Ion Ratio Lower Upper
95 100
97 72.3 45.5 84.5
132 92.1 69.9 129.7
130 97.6 70.8 131.6

Manual Integrations
APPROVED

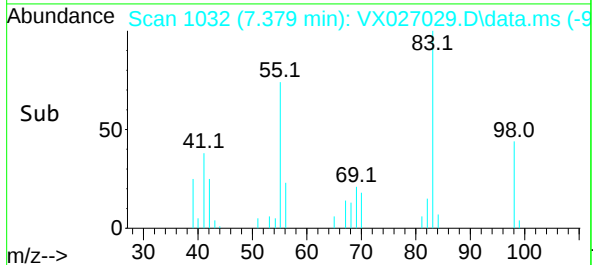
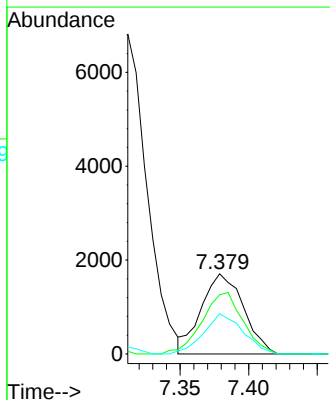
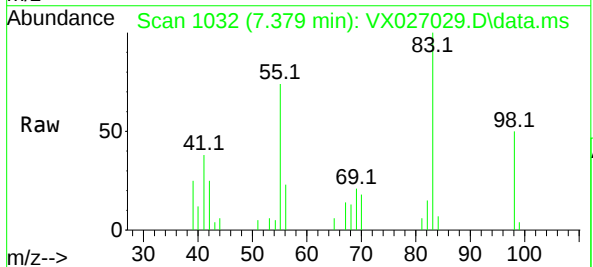
Reviewed By :John
Carlone
02/16/2022

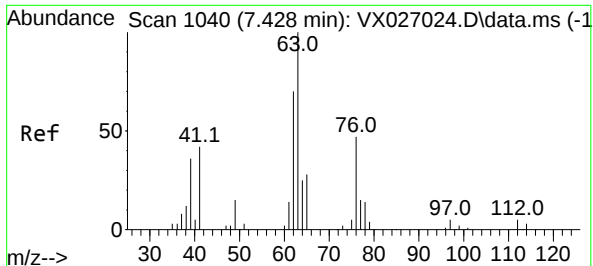
Supervised By :Semsetun
Yesilyurt
02/17/2022



#35
Methylcyclohexane
Concen: 2.270 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Tgt Ion: 83 Resp: 3645
Ion Ratio Lower Upper
83 100
55 74.2 60.6 90.8
98 46.8 39.8 59.8





#37

1,2-Dichloropropane

Concen: 2.537 ug/L

RT: 7.434 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX027029.D

Acq: 15 Feb 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT1-2022-02

Tgt Ion: 63 Resp: 2370
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8

Manual Integrations

APPROVED

Reviewed By :John

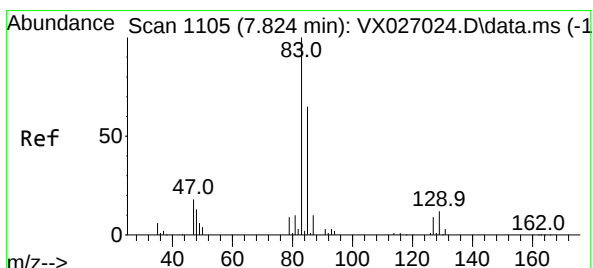
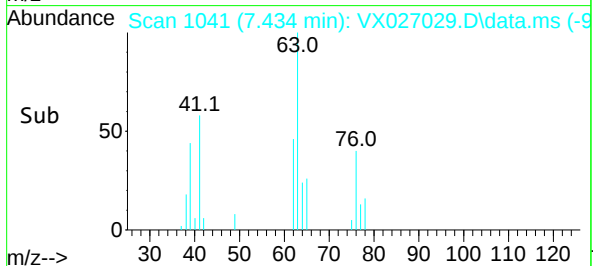
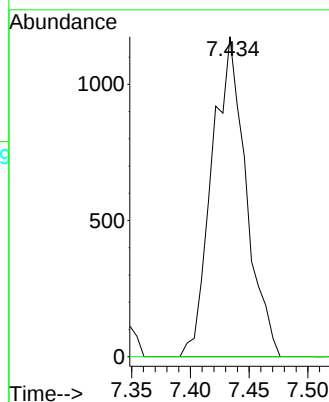
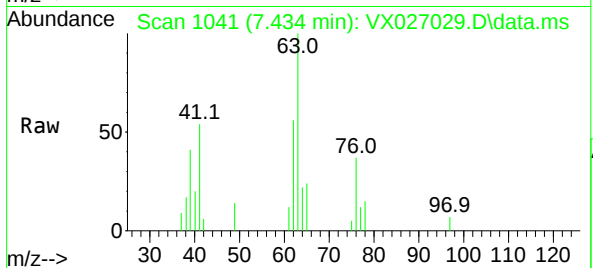
Carlone

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Supervised By :Semsetun

Yesilyurt

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#38

Bromodichloromethane

Concen: 2.322 ug/L

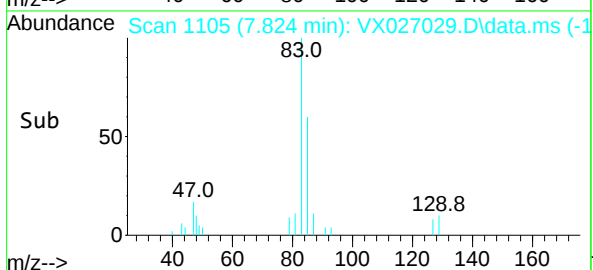
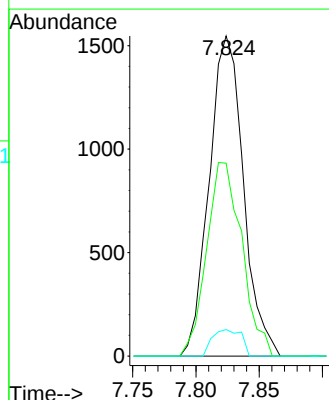
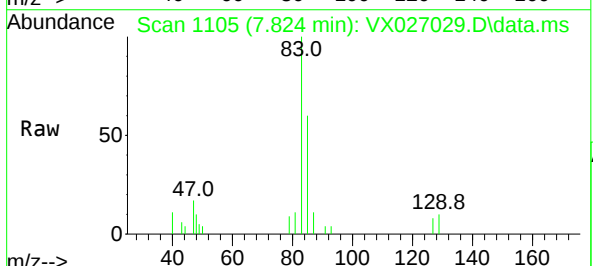
RT: 7.824 min Scan# 1105

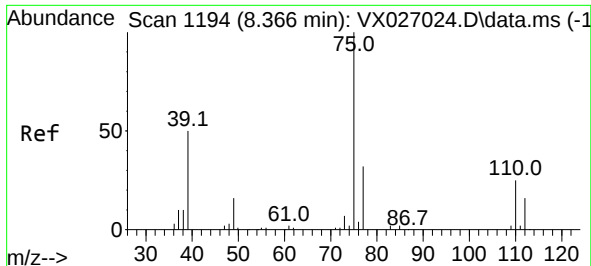
Delta R.T. 0.000 min

Lab File: VX027029.D

Acq: 15 Feb 2022 13:18

Tgt Ion: 83 Resp: 2912
 Ion Ratio Lower Upper
 83 100
 85 60.2 44.7 83.1
 127 8.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 2.163 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX027029.D

Acq: 15 Feb 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT1-2022-02

Tgt Ion: 75 Resp: 3028
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.1 39.1

Manual Integrations

APPROVED

Reviewed By :John

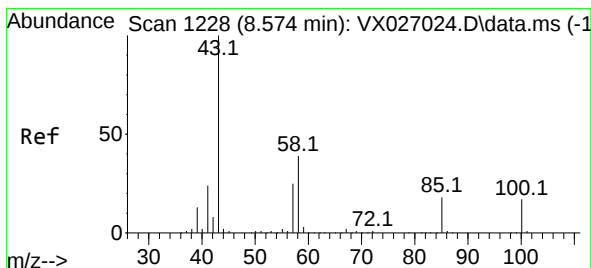
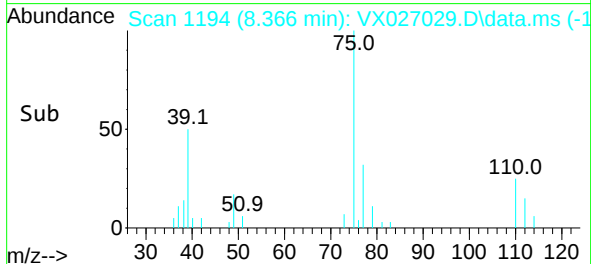
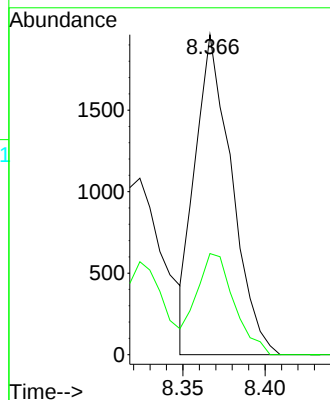
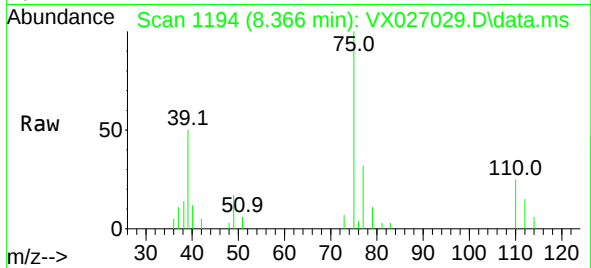
Carlone

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Supervised By :Semsetun

Yesilyurt

02/17/2022



#40

4-Methyl-2-pentanone

Concen: 4.565 ug/L

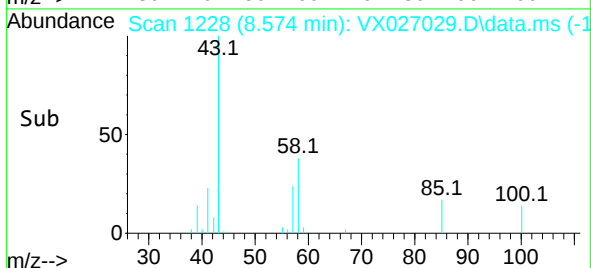
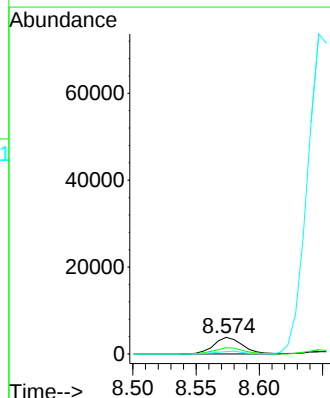
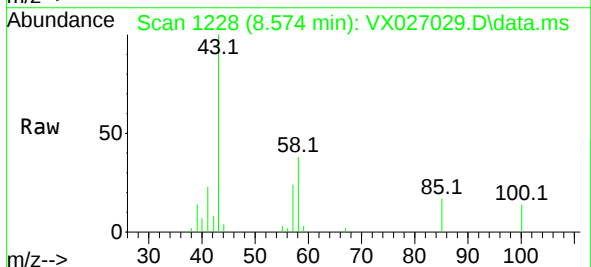
RT: 8.574 min Scan# 1228

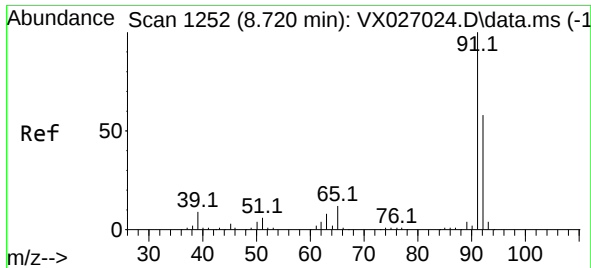
Delta R.T. 0.000 min

Lab File: VX027029.D

Acq: 15 Feb 2022 13:18

Tgt Ion: 43 Resp: 6062
 Ion Ratio Lower Upper
 43 100
 58 38.4 31.0 46.6
 100 15.5 13.0 19.4





#42

Toluene

Concen: 2.890 ug/L

RT: 8.720 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VX027029.D

Acq: 15 Feb 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT1-2022-02

Tgt Ion: 91 Resp: 1152

Ion Ratio Lower Upper

91 100

92 59.7 41.5 77.1

Manual Integrations

APPROVED

Reviewed By :John

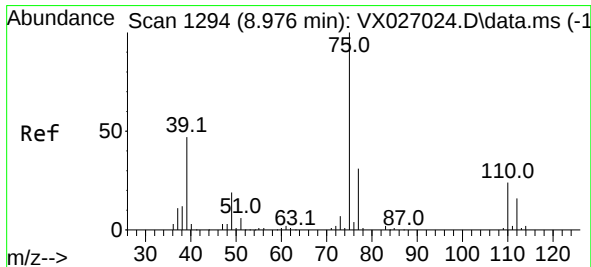
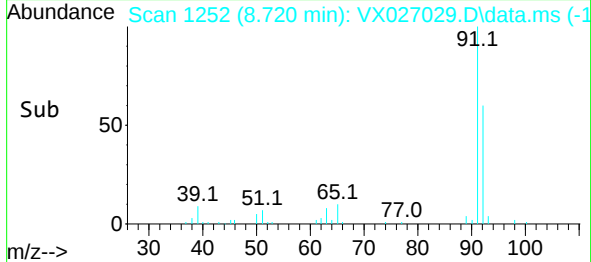
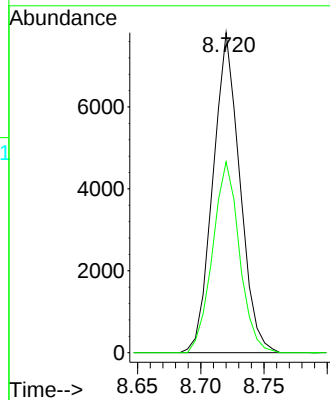
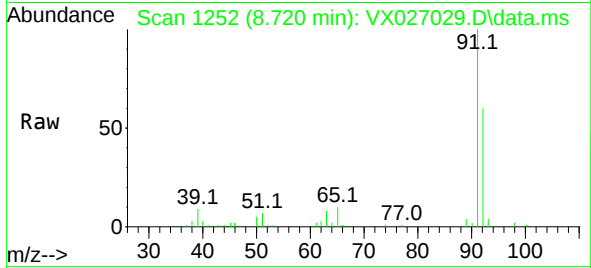
Carlone

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Supervised By :Semsetun

Yesilyurt

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#44

trans-1,3-Dichloropropene

Concen: 2.141 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX027029.D

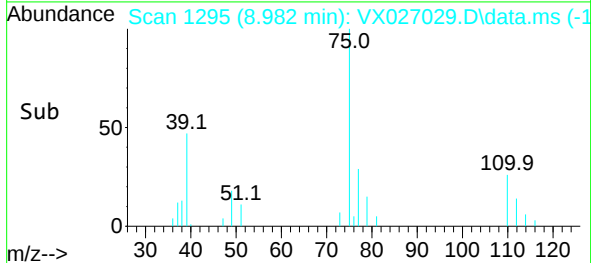
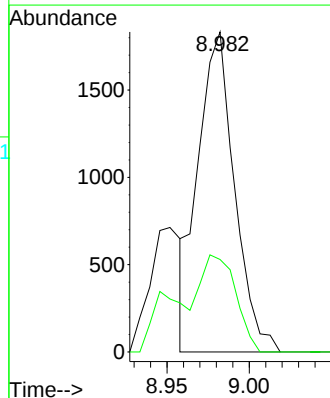
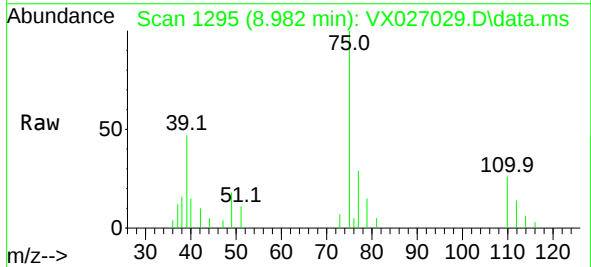
Acq: 15 Feb 2022 13:18

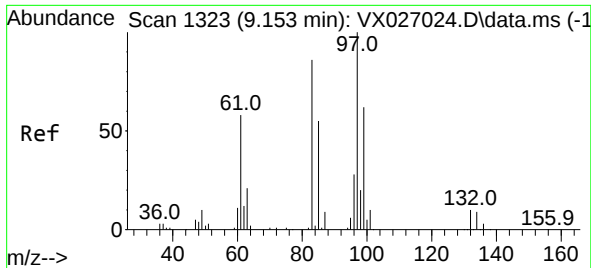
Tgt Ion: 75 Resp: 2817

Ion Ratio Lower Upper

75 100

77 28.9 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 2.363 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX027029.D

Acq: 15 Feb 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT1-2022-02

Tgt Ion: 97 Resp: 215

Ion Ratio Lower Upper

97 100

99 58.7 43.3 80.5

83 80.1 57.5 106.9

85 46.2 38.4 71.4

Manual Integrations

APPROVED

Reviewed By :John

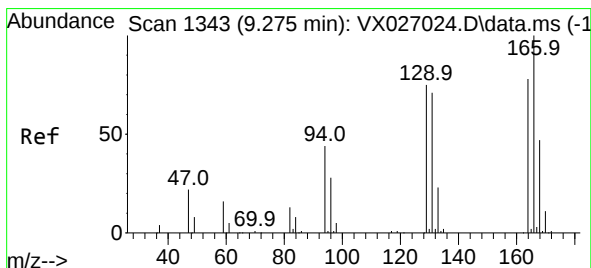
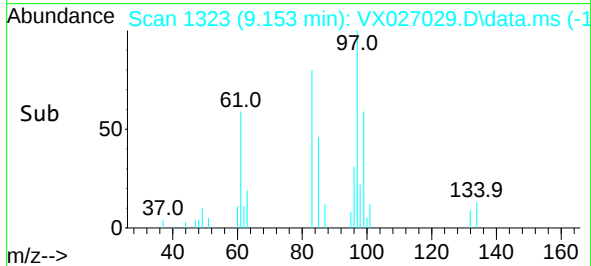
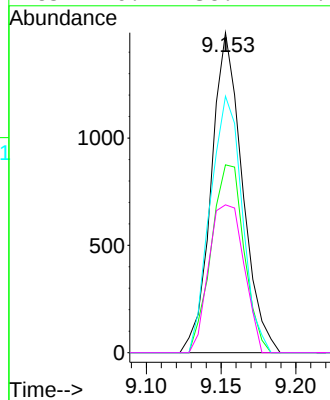
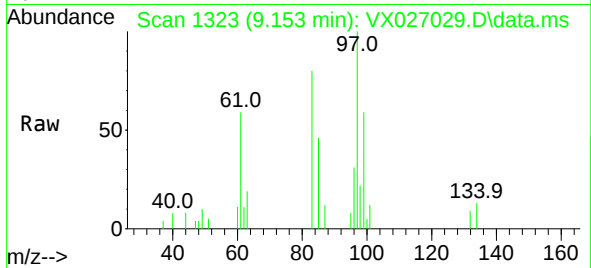
Carlone

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Supervised By :Semsetun

Yesilyurt

02/17/2022



#46

Tetrachloroethene

Concen: 2.372 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX027029.D

Acq: 15 Feb 2022 13:18

Tgt Ion:164 Resp: 1866

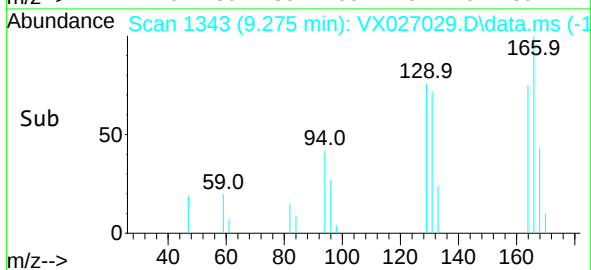
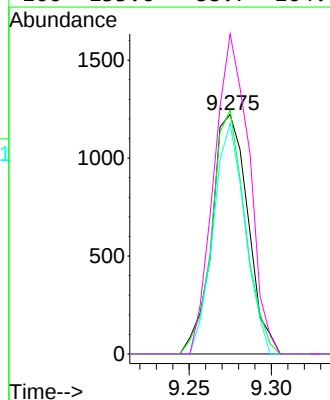
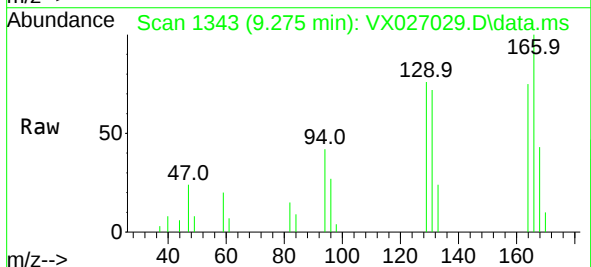
Ion Ratio Lower Upper

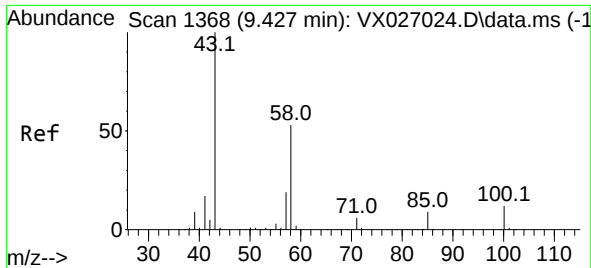
164 100

129 101.8 65.5 121.7

131 96.2 64.3 119.3

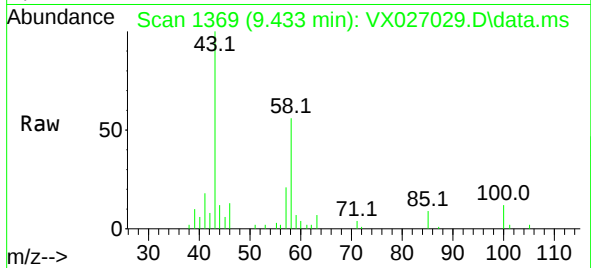
166 133.6 88.7 164.7





#48
2-Hexanone
Concen: 5.710 ug/L
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

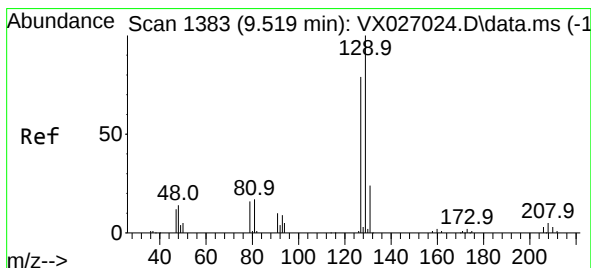
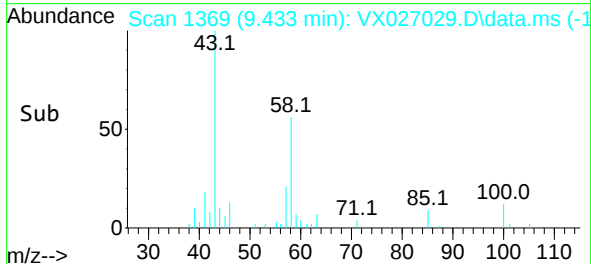
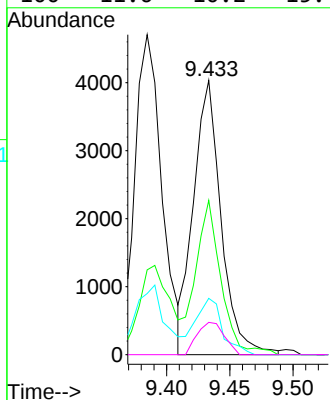


Tgt Ion: 43 Resp: 6139
Ion Ratio Lower Upper
43 100
58 47.5 42.9 64.3
57 20.9 15.3 22.9
100 11.6 10.2 15.4

Manual Integrations
APPROVED

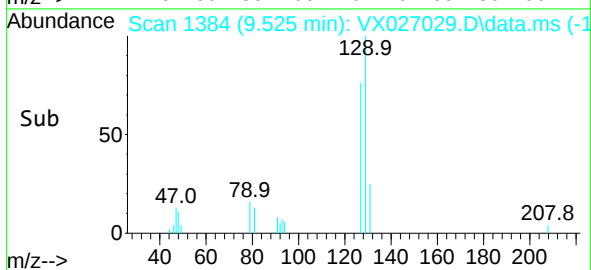
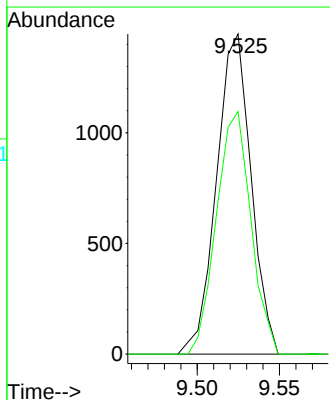
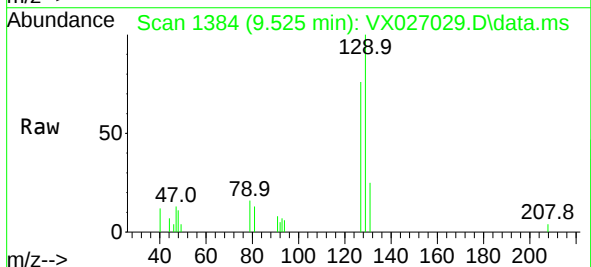
Reviewed By :John
Carlone
02/16/2022

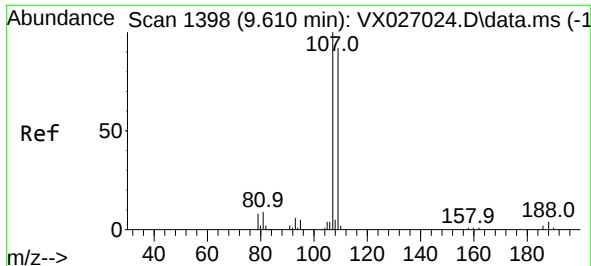
Supervised By :Semsetun
Yesilyurt
02/17/2022



#49
Dibromochloromethane
Concen: 2.114 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Tgt Ion:129 Resp: 2118
Ion Ratio Lower Upper
129 100
127 75.7 54.3 100.9





#50

1,2-Dibromoethane

Concen: 2.261 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX027029.D

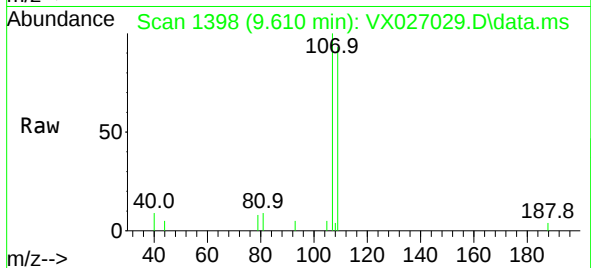
Acq: 15 Feb 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT1-2022-02



Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.5	64.9	120.5
188	3.7	2.7	4.1

Manual Integrations

APPROVED

Reviewed By :John

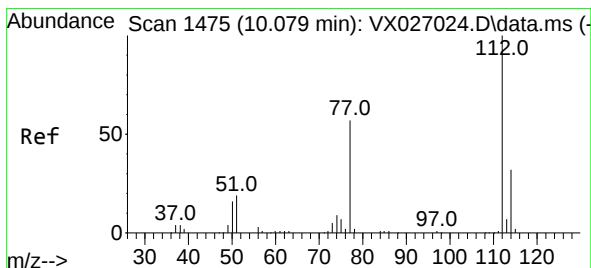
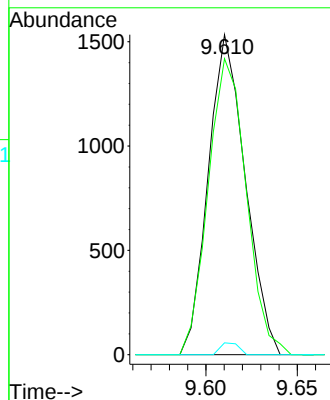
Carlone

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Supervised By :Semsetun

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#51

Chlorobenzene

Concen: 2.349 ug/L

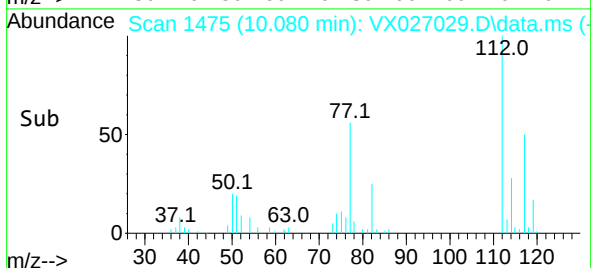
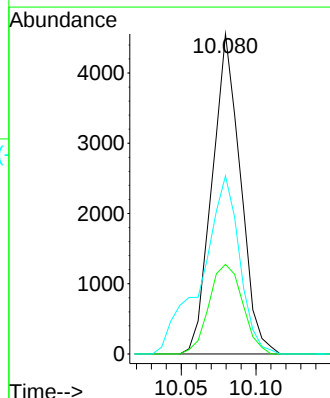
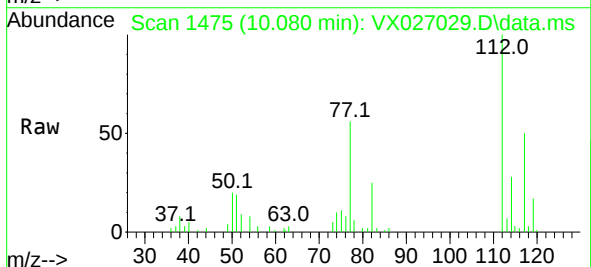
RT: 10.080 min Scan# 1475

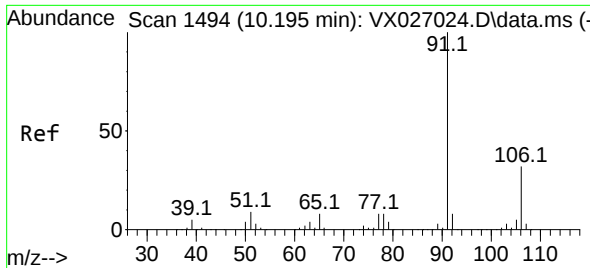
Delta R.T. 0.000 min

Lab File: VX027029.D

Acq: 15 Feb 2022 13:18

Tgt Ion	Ratio	Lower	Upper
112	100		
114	28.0	22.2	41.2
77	55.7	45.9	68.9





#52
Ethylbenzene
Concen: 2.281 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

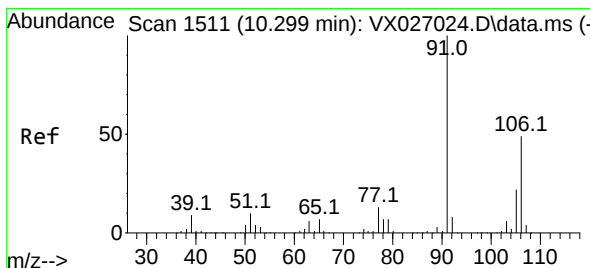
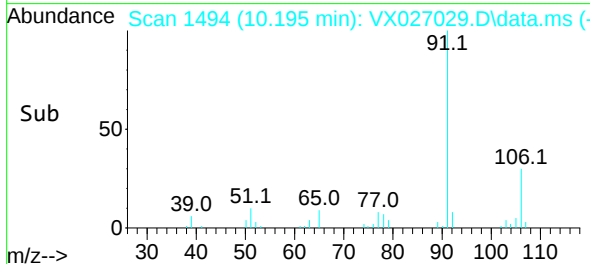
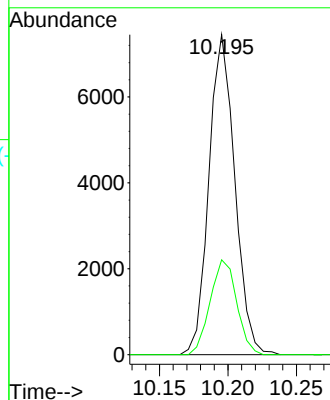
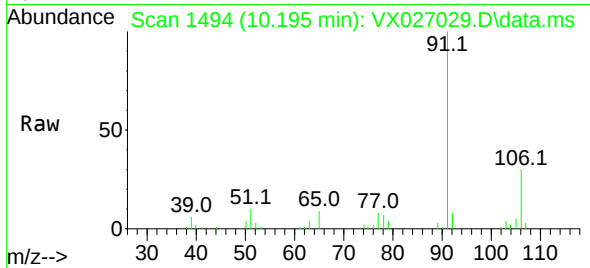
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

Tgt Ion: 91 Resp: 978
Ion Ratio Lower Upper
91 100
106 29.6 21.7 40.3

Manual Integrations
APPROVED

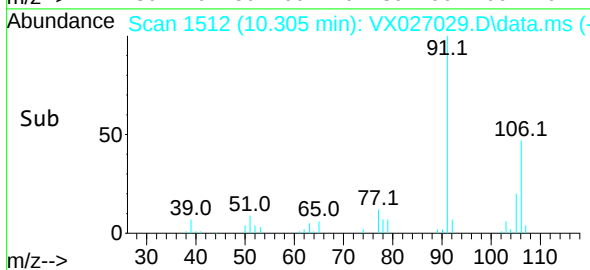
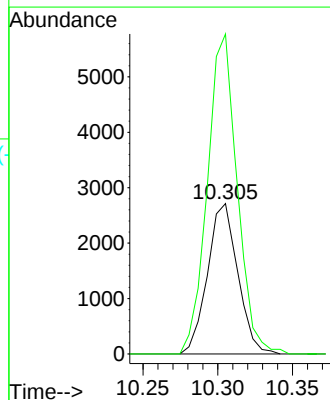
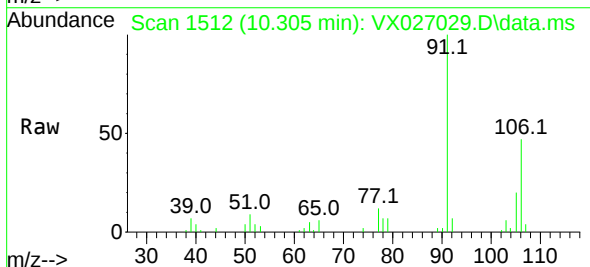
Reviewed By :John
Carlone
02/16/2022

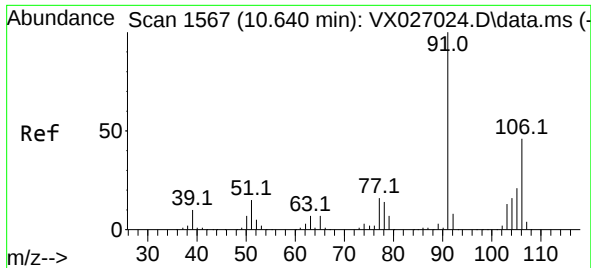
Supervised By :Semsetun
Yesilyurt
02/17/2022



#53
m,p-Xylene
Concen: 2.259 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Tgt Ion:106 Resp: 3821
Ion Ratio Lower Upper
106 100
91 212.7 145.7 270.5





#54
o-Xylene
Concen: 2.189 ug/L
RT: 10.647 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

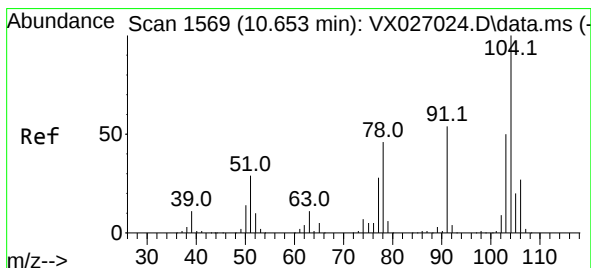
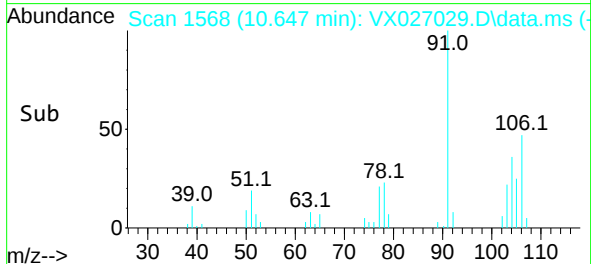
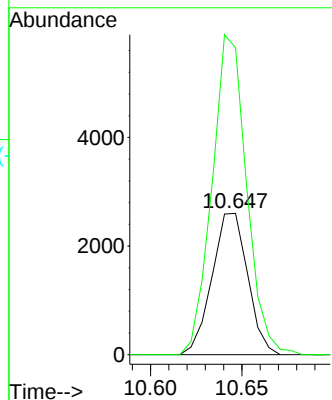
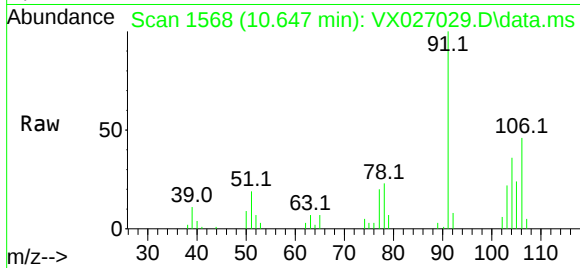
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT1-2022-02

Tgt Ion:106 Resp: 354
Ion Ratio Lower Upper
106 100
91 217.1 151.2 280.8

Manual Integrations
APPROVED

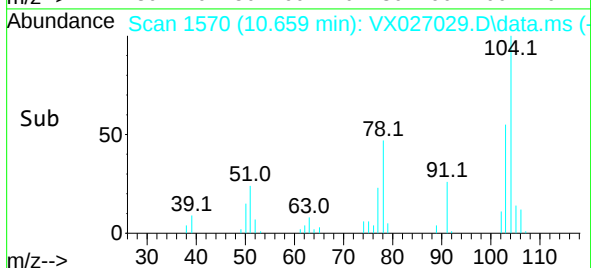
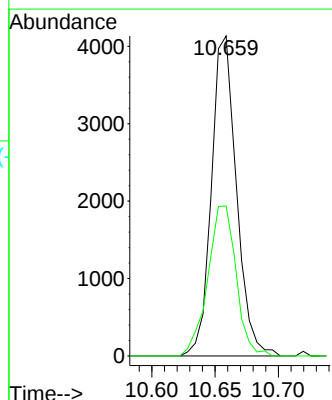
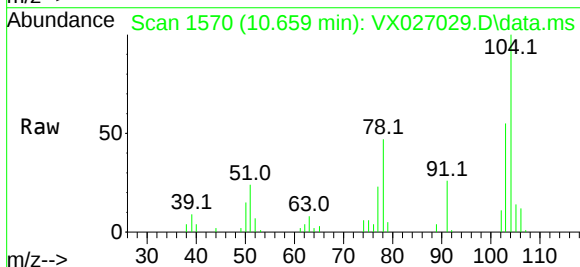
Reviewed By :John
Carlone
02/16/2022

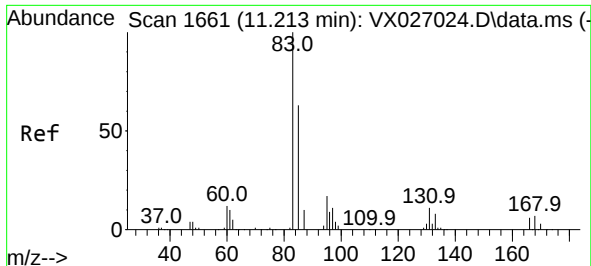
Supervised By :Semsetun
Yesilyurt
02/17/2022



#55
Styrene
Concen: 2.078 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

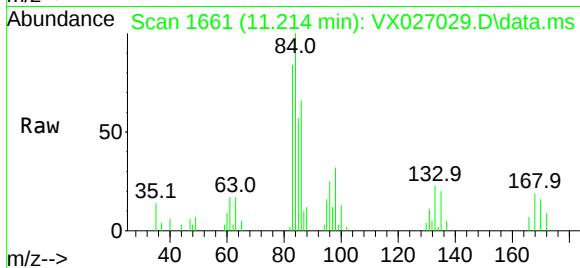
Tgt Ion:104 Resp: 5692
Ion Ratio Lower Upper
104 100
78 46.9 33.3 61.9





#57
1,1,2,2-Tetrachloroethane
Concen: 2.786 ug/L
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT1-2022-02

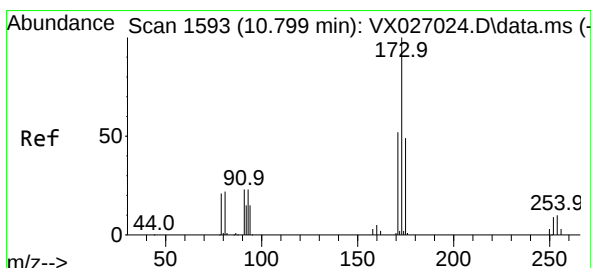
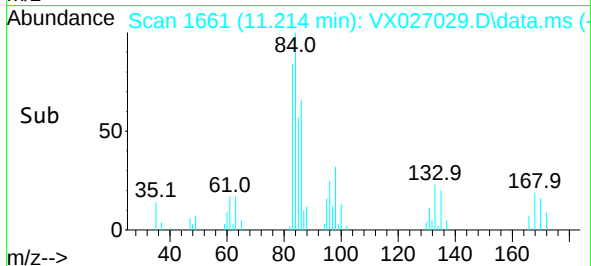
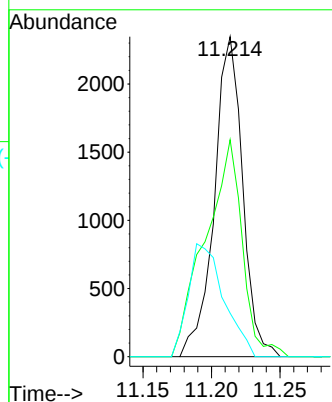


Tgt Ion: 83 Resp: 3370
Ion Ratio Lower Upper
83 100
85 67.8 45.8 85.2
131 13.6 8.5 12.7

Manual Integrations
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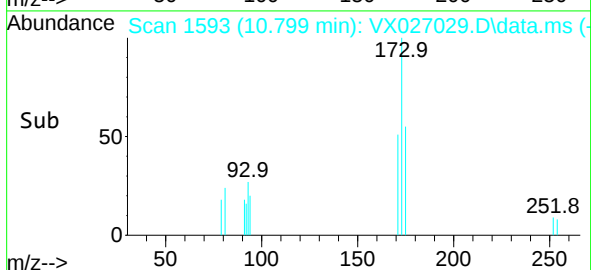
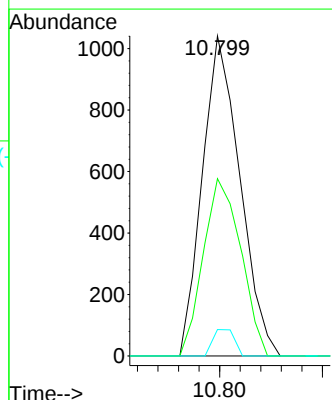
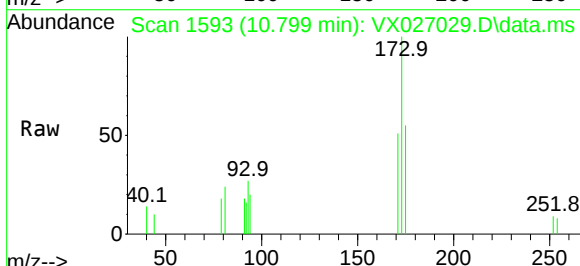
Reviewed By :John
Carlone
02/16/2022

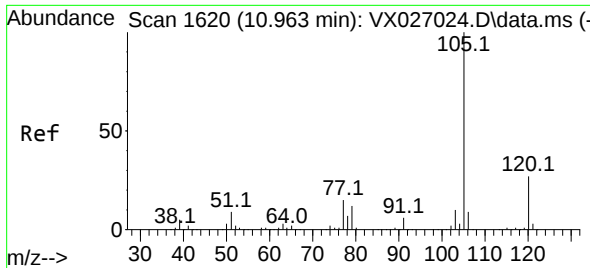
Supervised By :Semsetun
Yesilyurt
02/17/2022



#59
Bromoform
Concen: 2.017 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

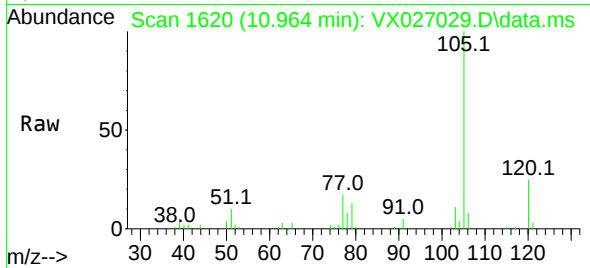
Tgt Ion:173 Resp: 1321
Ion Ratio Lower Upper
173 100
175 55.3 38.9 58.3
254 4.8 7.0 10.6





#60
Isopropylbenzene
Concen: 2.266 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

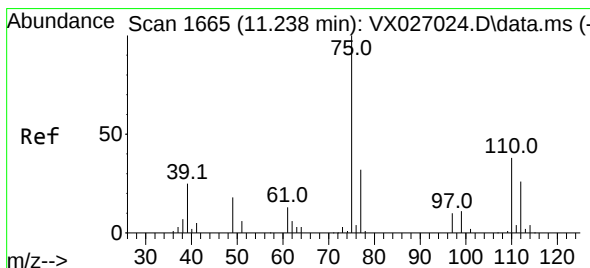
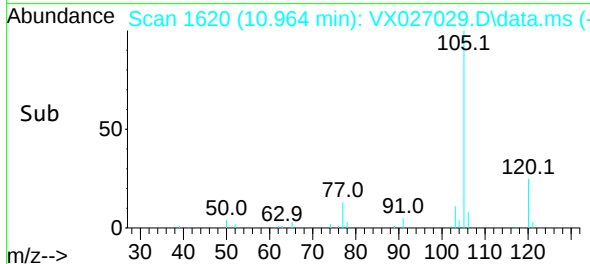
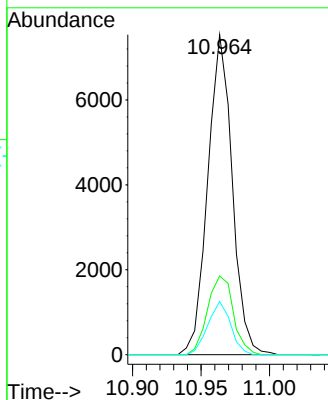


Tgt Ion:105 Resp: 934
Ion Ratio Lower Upper
105 100
120 25.9 21.2 31.8
77 15.5 12.5 18.7

Manual Integrations
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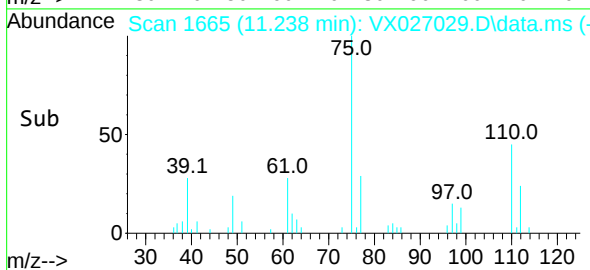
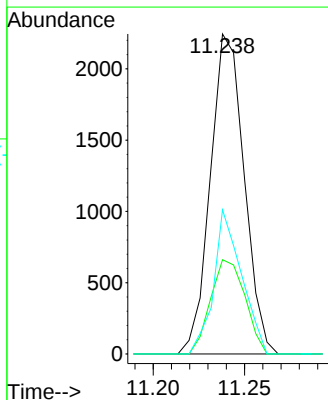
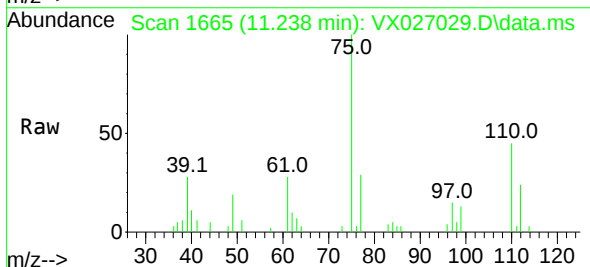
Reviewed By :John
Carlone
02/16/2022

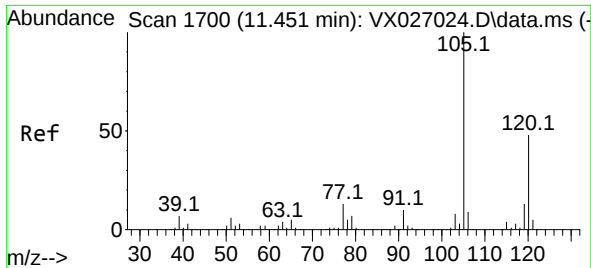
Supervised By :Semsetun
Yesilyurt
02/17/2022



#61
1,2,3-Trichloropropane
Concen: 2.671 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

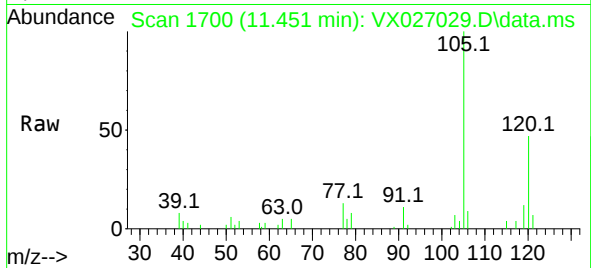
Tgt Ion: 75 Resp: 2892
Ion Ratio Lower Upper
75 100
77 30.0 25.8 38.6
110 37.1 33.4 50.0





#62
1,3,5-Trimethylbenzene
Concen: 2.167 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

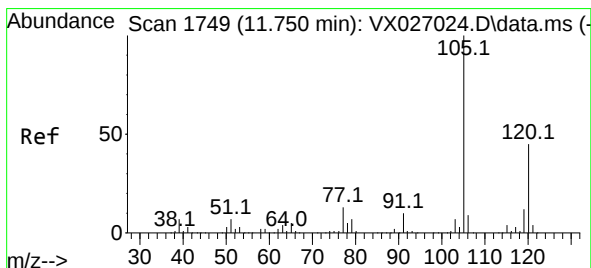
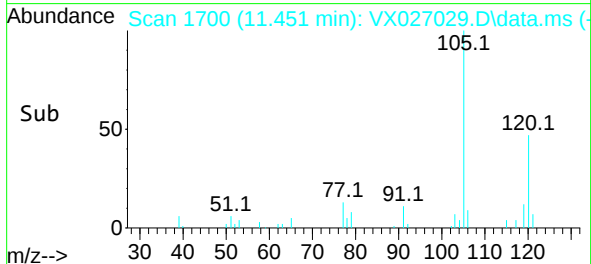
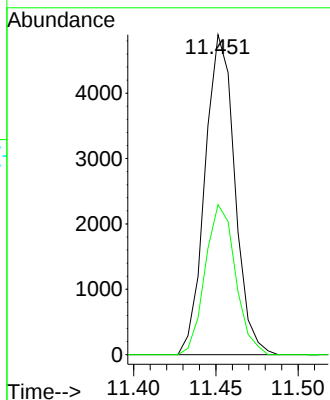


Tgt Ion:105 Resp: 6164
Ion Ratio Lower Upper
105 100
120 47.6 39.1 58.7

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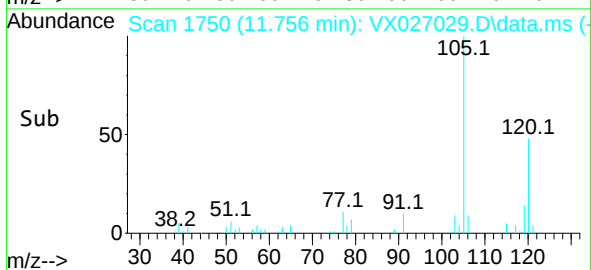
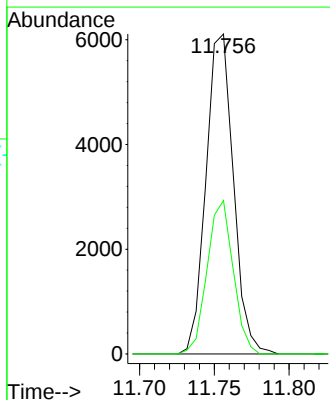
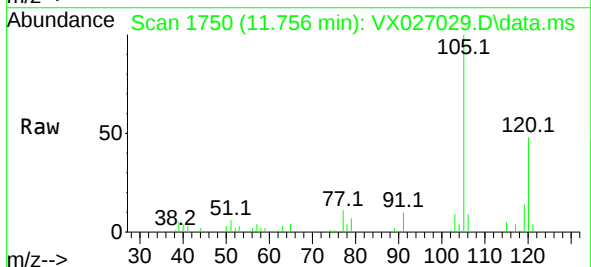
Reviewed By :John
Carlone
02/16/2022

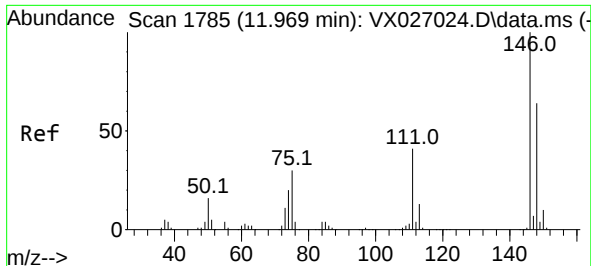
Supervised By :Semsetun
Yesilyurt
02/17/2022



#63
1,2,4-Trimethylbenzene
Concen: 2.259 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

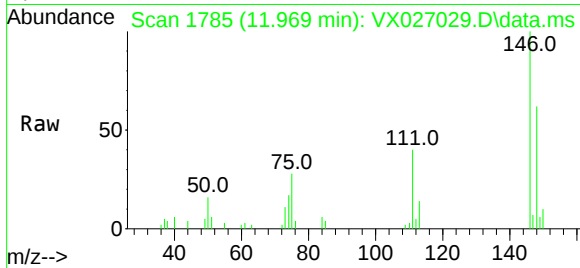
Tgt Ion:105 Resp: 7805
Ion Ratio Lower Upper
105 100
120 45.5 36.1 54.1





#64
1,3-Dichlorobenzene
Concen: 2.424 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

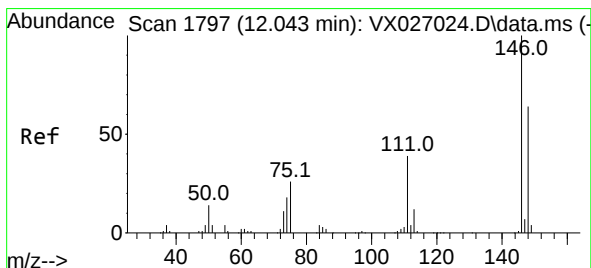
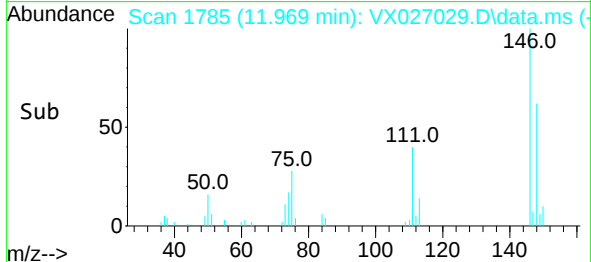
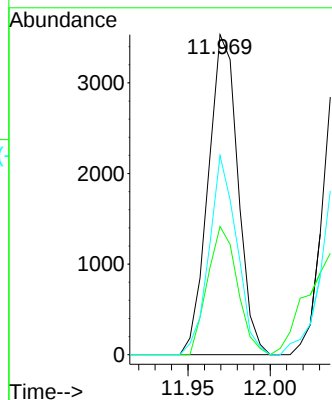


Tgt Ion:146 Resp: 4448
Ion Ratio Lower Upper
146 100
111 40.1 28.3 52.7
148 62.2 43.8 81.4

Manual Integrations
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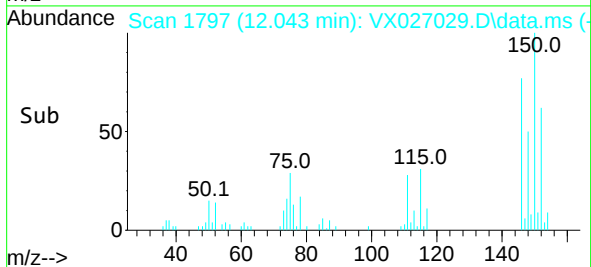
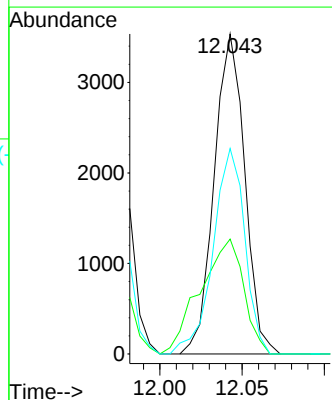
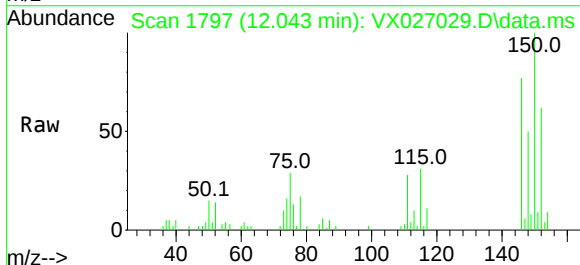
Reviewed By :John
Carlone
02/16/2022

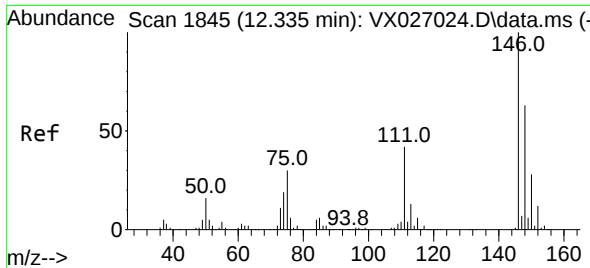
Supervised By :Semsetun
Yesilyurt
02/17/2022



#65
1,4-Dichlorobenzene
Concen: 2.474 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

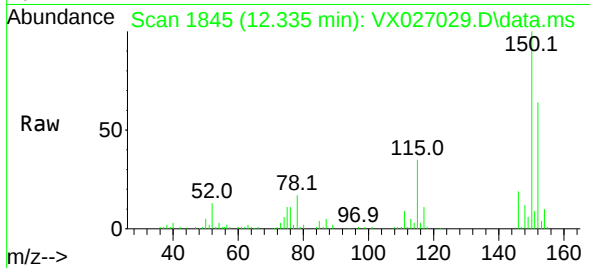
Tgt Ion:146 Resp: 4568
Ion Ratio Lower Upper
146 100
111 35.9 26.5 49.3
148 64.2 43.5 80.7





#67
1,2-Dichlorobenzene
Concen: 2.515 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT1-2022-02

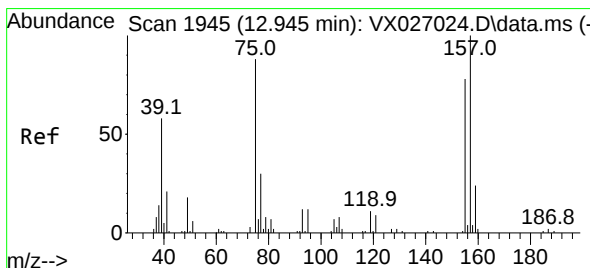
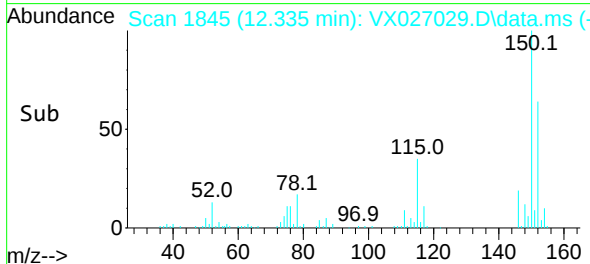
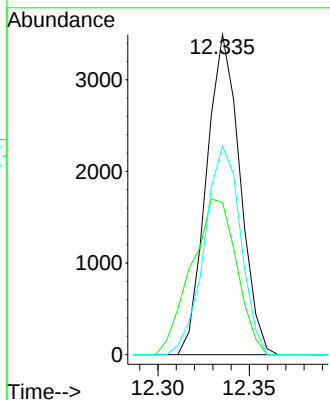


Tgt Ion:146 Resp: 446
Ion Ratio Lower Upper
146 100
111 47.5 34.5 51.7
148 65.1 51.9 77.9

Manual Integrations
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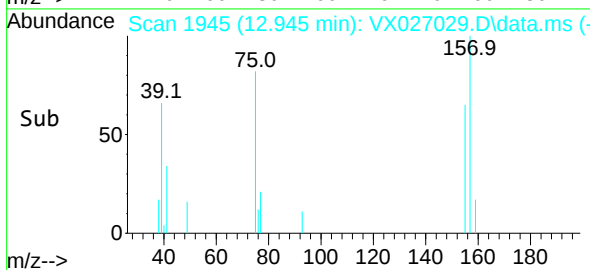
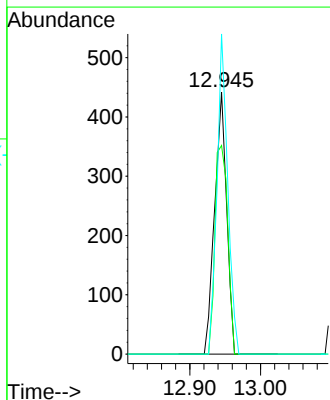
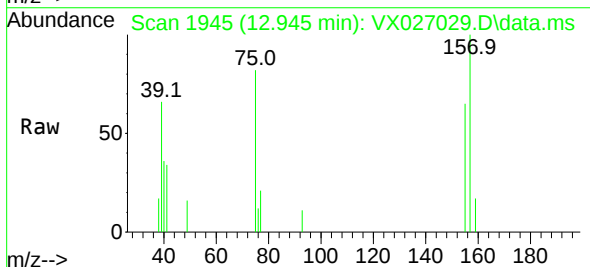
Reviewed By :John
Carlone
02/16/2022

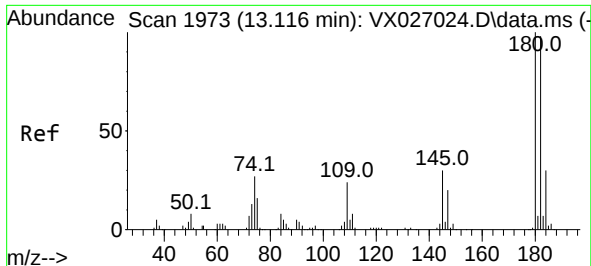
Supervised By :Semsetun
Yesilyurt
02/17/2022



#68
1,2-Dibromo-3-chloropropane
Concen: 1.966 ug/L m
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

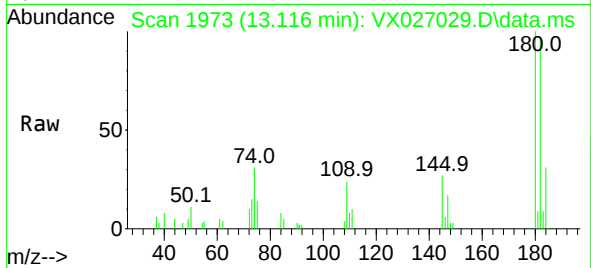
Tgt Ion: 75 Resp: 517
Ion Ratio Lower Upper
75 100
155 79.6 71.6 107.4
157 122.2 93.8 140.6





#69
1,3,5-Trichlorobenzene
Concen: 2.179 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

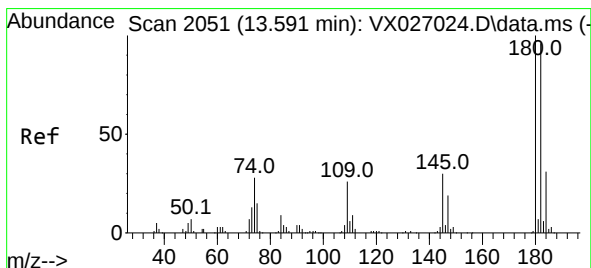
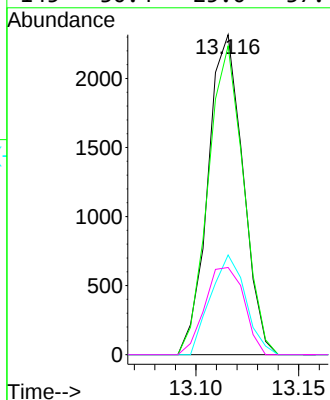


Tgt Ion:180 Resp: 2748
Ion Ratio Lower Upper
180 100
182 97.1 75.6 113.4
184 31.1 23.6 35.4
145 30.4 25.0 37.4

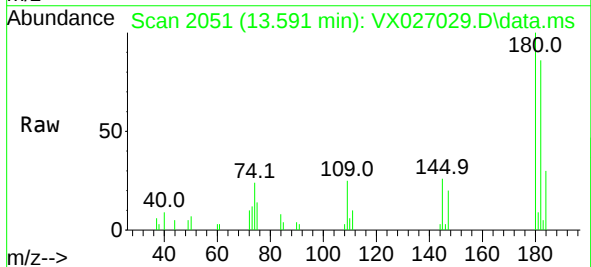
Manual Integrations
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Reviewed By :John
Carlone
02/16/2022

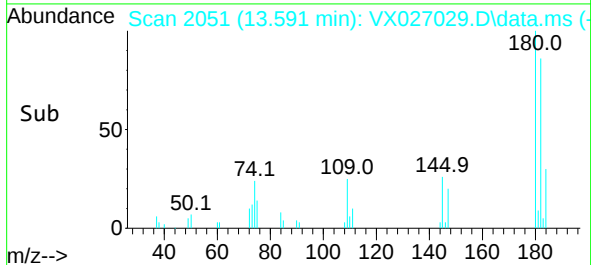
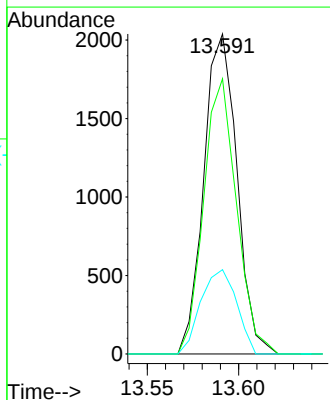
Supervised By :Semsetun
Yesilyurt
02/17/2022

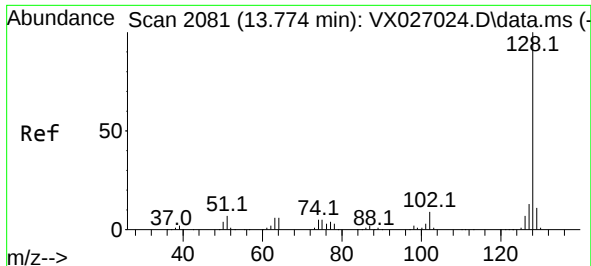


#70
1,2,4-trichlorobenzene
Concen: 2.311 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18



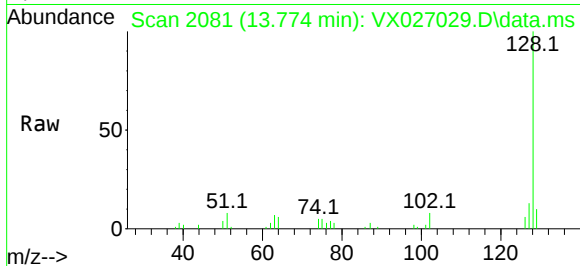
Tgt Ion:180 Resp: 2573
Ion Ratio Lower Upper
180 100
182 85.5 75.4 113.2
145 28.4 25.0 37.4





#71
Naphthalene
Concen: 1.997 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

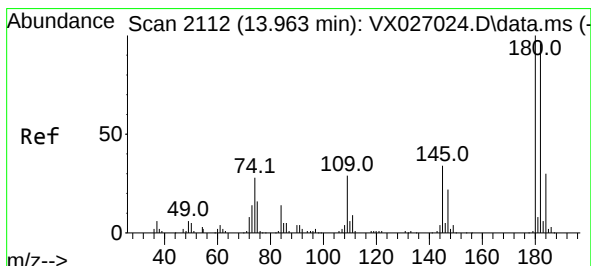
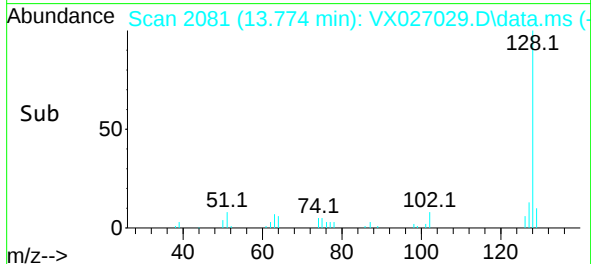
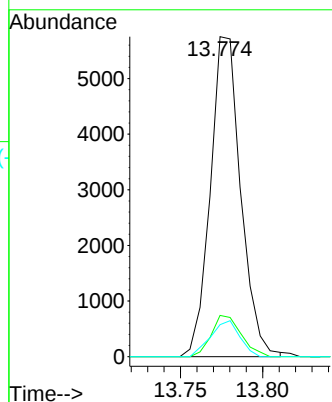


Tgt Ion:128 Resp: 740
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone
02/16/2022

Supervised By :Semsetun
Yesilyurt
02/17/2022



#72
1,2,3-Trichlorobenzene
Concen: 2.161 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027029.D
Acq: 15 Feb 2022 13:18

Tgt Ion:180 Resp: 2405
Ion Ratio Lower Upper
180 100
182 96.5 77.0 115.4
145 34.5 27.4 41.0

