

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010821\
 Data File : VX020542.D
 Acq On : 08 Jan 2021 16:39
 Operator : JC/MD
 Sample : L5214-06
 Misc : 5.0g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT1-2021-02

Manual Integrations
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1/11/2021 6:04:14 PM

Quant Time: Jan 09 04:43:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 09 04:41:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.824	114	316921	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.091	117	312540	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	136168	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	111990	43.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.96%		
7) Chloroethane-d5	1.697	69	95181	47.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.66%		
11) 1,1-Dichloroethene-d2	2.343	63	169132	35.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.12%		
21) 2-Butanone-d5	4.531	46	176296	113.00	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.00%		
24) Chloroform-d	5.135	84	235867	53.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.66%		
26) 1,2-Dichloroethane-d4	6.025	65	154467	53.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.48%		
32) Benzene-d6	6.043	84	468355	49.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.64%		
36) 1,2-Dichloropropane-d6	7.366	67	151250	52.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.06%		
41) Toluene-d8	8.695	98	412031	48.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.70%		
43) trans-1,3-Dichloroprop...	8.994	79	70190	49.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.26%		
47) 2-Hexanone-d5	9.427	63	133319	103.83	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.83%		
56) 1,1,2,2-Tetrachloroeth...	11.231	84	199857	49.49	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.98%		
66) 1,2-Dichlorobenzene-d4	12.359	152	143478	53.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.50%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	7233	2.34	ug/L	98
3) Chloromethane	1.313	50	6982	2.51	ug/L	99
5) Vinyl chloride	1.392	62	7193	2.44	ug/L #	68
6) Bromomethane	1.636	94	4121	2.76	ug/L	98
8) Chloroethane	1.715	64	4472	2.53	ug/L	91
9) Trichlorofluoromethane	1.916	101	8924	2.40	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.361	101	7298	3.16	ug/L #	82
12) 1,1-Dichloroethene	2.355	96	6706	2.97	ug/L #	1
13) Acetone	2.428	43	6136	4.80	ug/L	98
14) Carbon disulfide	2.550	76	15516	2.14	ug/L	97
15) Methyl Acetate	2.751	43	6295	2.47	ug/L	96
16) Methylene chloride	2.831	84	7177	2.66	ug/L	93
17) trans-1,2-Dichloroethene	3.141	96	5858	2.41	ug/L	99
18) Methyl tert-butyl Ether	3.160	73	16993	2.31	ug/L #	89
19) 1,1-Dichloroethane	3.672	63	10606	2.41	ug/L	95
20) cis-1,2-Dichloroethene	4.556	96	6047	2.28	ug/L	97
22) 2-Butanone	4.647	43	8493	4.49	ug/L	98
23) Bromochloromethane	4.970	128	3341	2.43	ug/L	94
25) Chloroform	5.172	83	12312	2.57	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.159	62	9110	2.57	ug/L	96
29) Cyclohexane	5.550	56	7771m	2.02	ug/L	
30) 1,1,1-Trichloroethane	5.464	97	8873	2.22	ug/L	98
31) Carbon tetrachloride	5.751	117	7769	2.30	ug/L	96
33) Benzene	6.104	78	23770	2.30	ug/L	100
34) Trichloroethene	7.183	95	6214	2.36	ug/L	88
35) Methylcyclohexane	7.439	83	8029	2.03	ug/L	96
37) 1,2-Dichloropropane	7.488	63	6400	2.44	ug/L #	95
38) Bromodichloromethane	7.872	83	7719	2.29	ug/L	97
39) cis-1,3-Dichloropropene	8.409	75	8466	2.15	ug/L	92
40) 4-Methyl-2-pentanone	8.616	43	14945	4.34	ug/L	98
42) Toluene	8.762	91	25028	2.31	ug/L	96
44) trans-1,3-Dichloropropene	9.018	75	8610	2.24	ug/L	97
45) 1,1,2-Trichloroethane	9.195	97	6130	2.36	ug/L	98
46) Tetrachloroethene	9.317	164	4539	2.23	ug/L	92
48) 2-Hexanone	9.470	43	13027	4.79	ug/L	96
49) Dibromochloromethane	9.561	129	5904	2.22	ug/L	96
50) 1,2-Dibromoethane	9.652	107	6281	2.34	ug/L	100
51) Chlorobenzene	10.122	112	16105	2.35	ug/L	97
52) Ethylbenzene	10.232	91	23986	2.07	ug/L	95
53) m,p-Xylene	10.341	106	8965	2.07	ug/L	91
54) o-Xylene	10.683	106	8327	1.98	ug/L	100
55) Styrene	10.695	104	12956	1.82	ug/L	91
57) 1,1,2,2-Tetrachloroethane	11.250	83	9766	2.37	ug/L #	96
59) Bromoform	10.841	173	3888	2.29	ug/L	97
60) Isopropylbenzene	11.000	105	19837	2.07	ug/L	99
61) 1,2,3-Trichloropropane	11.280	75	7648	2.57	ug/L	99
62) 1,3,5-Trimethylbenzene	11.488	105	14561	1.86	ug/L	99
63) 1,2,4-Trimethylbenzene	11.792	105	14374	1.82	ug/L	98
64) 1,3-Dichlorobenzene	12.006	146	10060	2.25	ug/L	91
65) 1,4-Dichlorobenzene	12.079	146	10954	2.42	ug/L	93
67) 1,2-Dichlorobenzene	12.378	146	11352	2.54	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.981	75	1662	2.21	ug/L	97
69) 1,3,5-Trichlorobenzene	13.152	180	7202	2.34	ug/L	97
70) 1,2,4-trichlorobenzene	13.627	180	5787	2.19	ug/L	97
71) Naphthalene	13.816	128	14423	1.65	ug/L	100
72) 1,2,3-Trichlorobenzene	13.999	180	5746	2.11	ug/L	98

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

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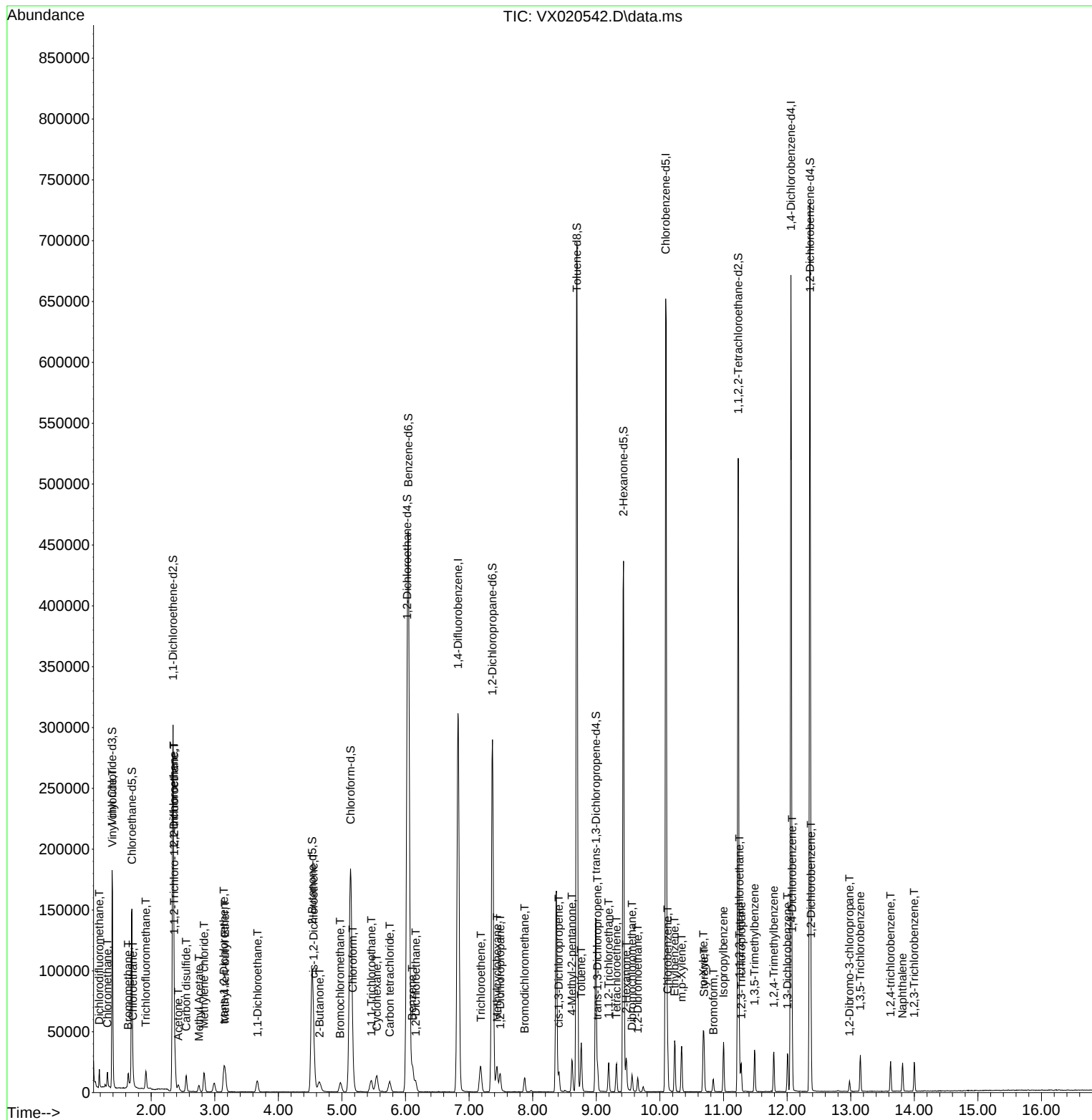
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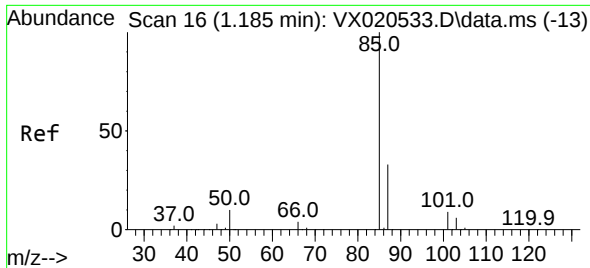
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#2
 Dichlorodifluoromethane
 Concen: 2.34 ug/L
 RT: 1.184 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: VX020542.D
 Acq: 08 Jan 2021 16:39

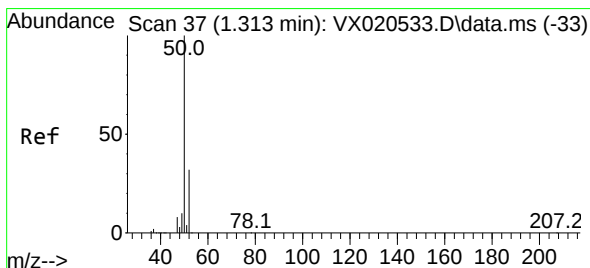
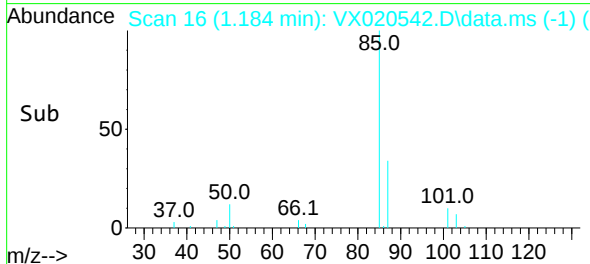
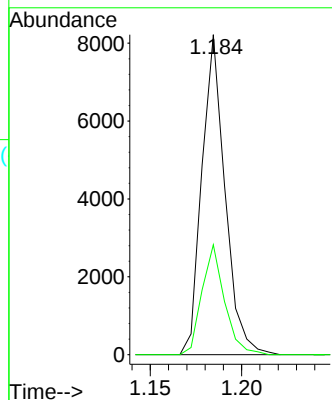
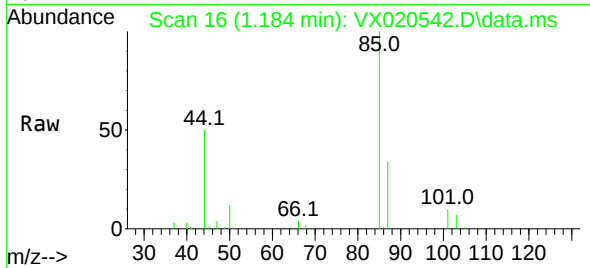
Tgt Ion: 85 Resp: 7233
 Ion Ratio Lower Upper
 85 100
 87 33.6 25.9 38.9

Instrument :
 MSVOA_X
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 MDL-MED-SOIL-QT1-2021-02

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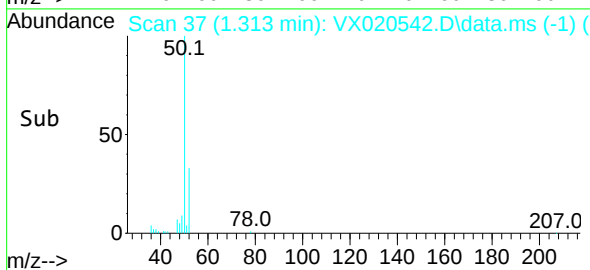
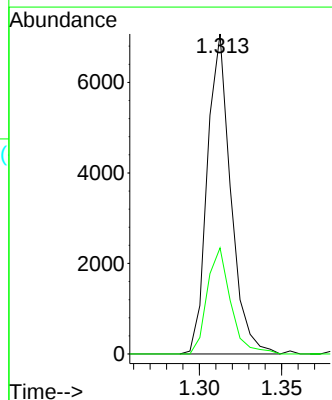
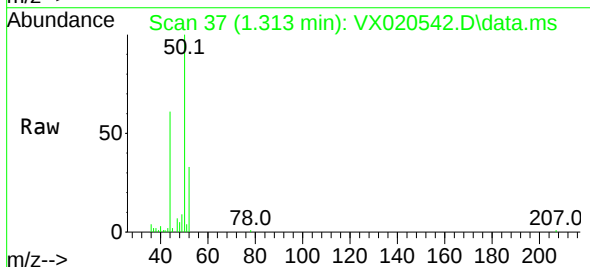
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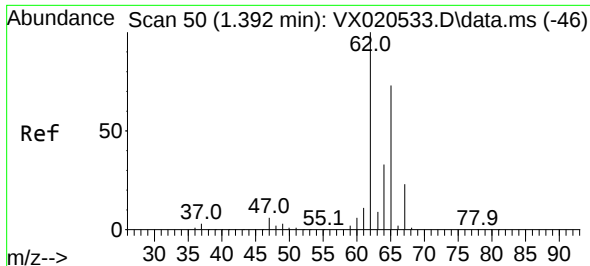
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#3
 Chloromethane
 Concen: 2.51 ug/L
 RT: 1.313 min Scan# 37
 Delta R.T. -0.000 min
 Lab File: VX020542.D
 Acq: 08 Jan 2021 16:39

Tgt Ion: 50 Resp: 6982
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.7 43.9





#5
 Vinyl chloride
 Concen: 2.44 ug/L
 RT: 1.392 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VX020542.D
 Acq: 08 Jan 2021 16:39

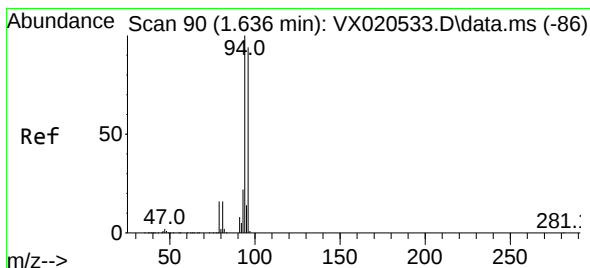
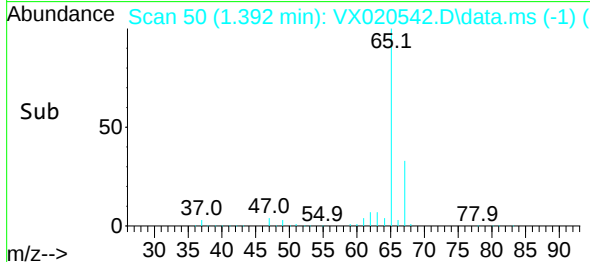
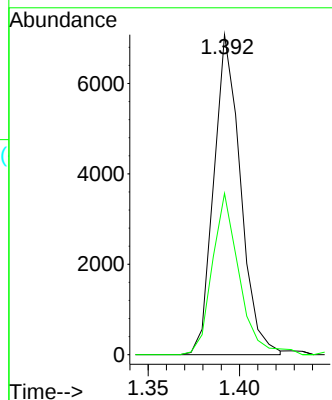
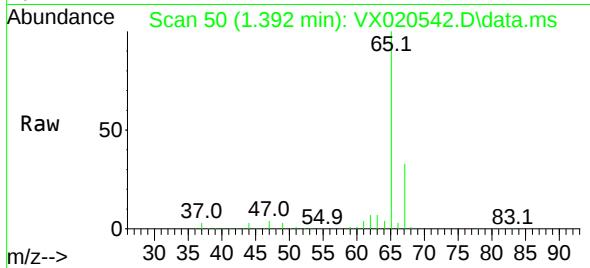
Tgt Ion: 62 Resp: 7193
 Ion Ratio Lower Upper
 62 100
 64 50.4 22.7 42.3#

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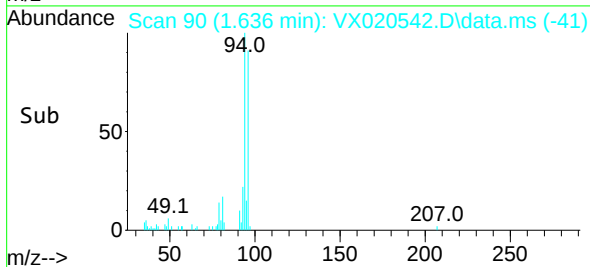
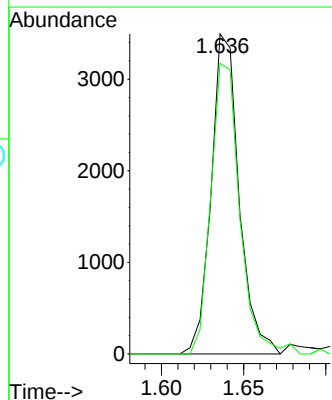
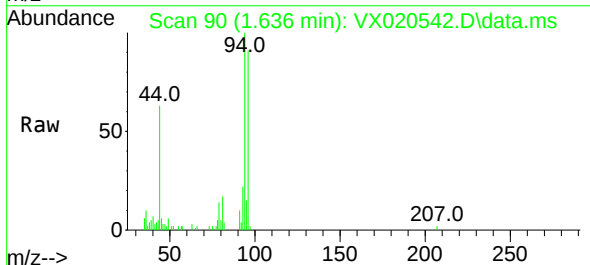
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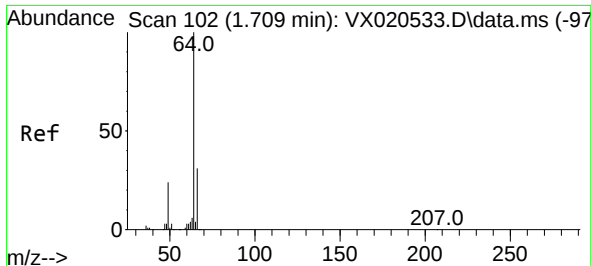
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#6
 Bromomethane
 Concen: 2.76 ug/L
 RT: 1.636 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VX020542.D
 Acq: 08 Jan 2021 16:39

Tgt Ion: 94 Resp: 4121
 Ion Ratio Lower Upper
 94 100
 96 90.9 64.8 120.3





#8
Chloroethane
Concen: 2.53 ug/L
RT: 1.715 min Scan# 103
Delta R.T. 0.006 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

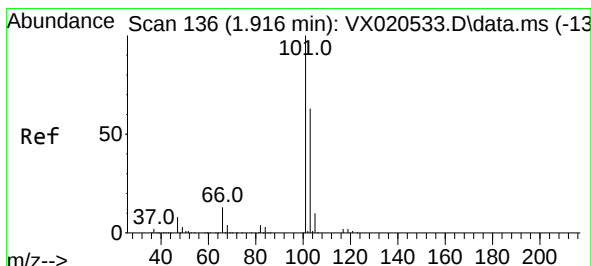
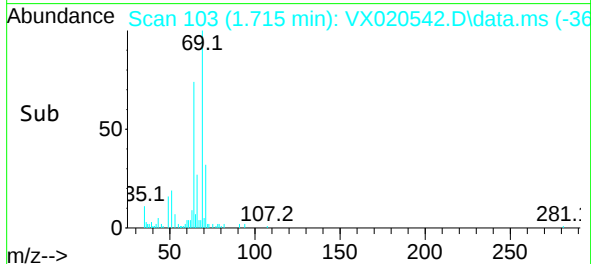
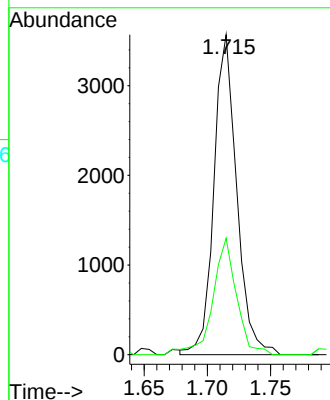
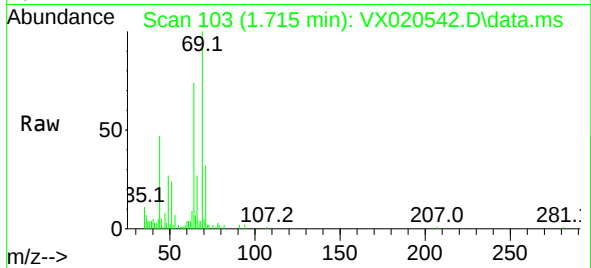
Tgt Ion: 64 Resp: 4472
Ion Ratio Lower Upper
64 100
66 36.4 22.0 41.0

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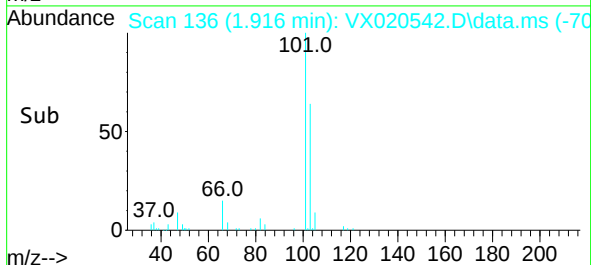
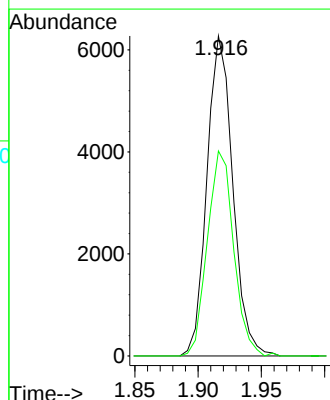
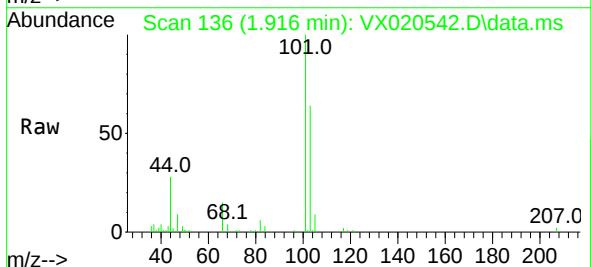
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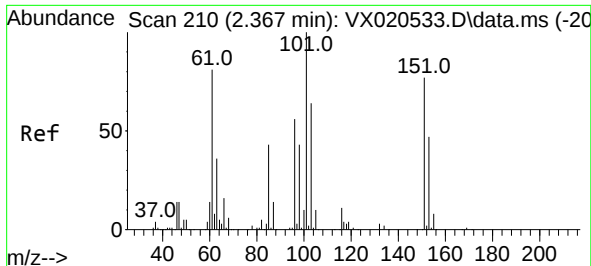
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#9
Trichlorofluoromethane
Concen: 2.40 ug/L
RT: 1.916 min Scan# 136
Delta R.T. -0.000 min
Lab File: VX020542.D
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Tgt Ion: 101 Resp: 8924
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.2





#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.16 ug/L
 RT: 2.361 min Scan# 209
 Delta R.T. -0.006 min
 Lab File: VX020542.D
 Acq: 08 Jan 2021 16:39

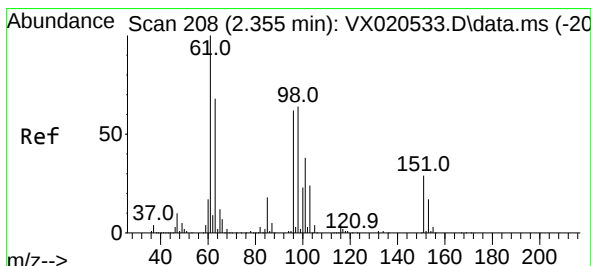
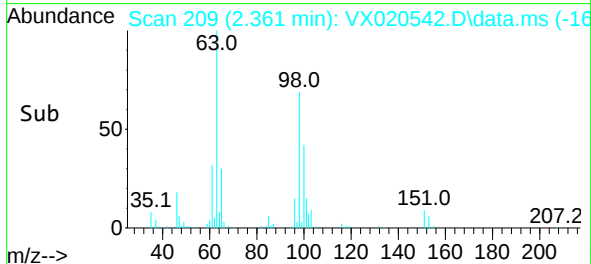
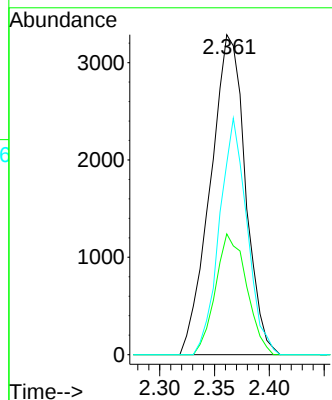
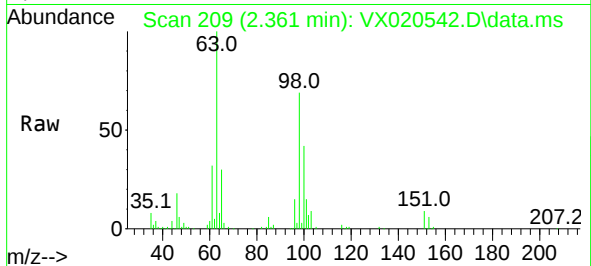
Tgt Ion:	101	Resp:	7298
Ion Ratio	Lower	Upper	
101	100		
85	33.5	34.3	51.5#
151	58.5	60.7	91.1#

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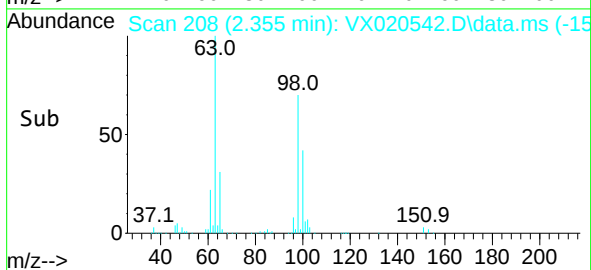
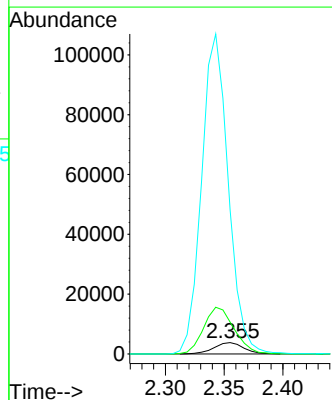
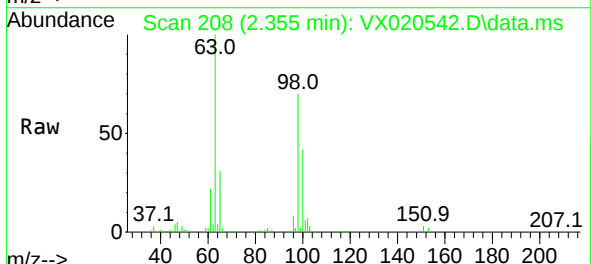
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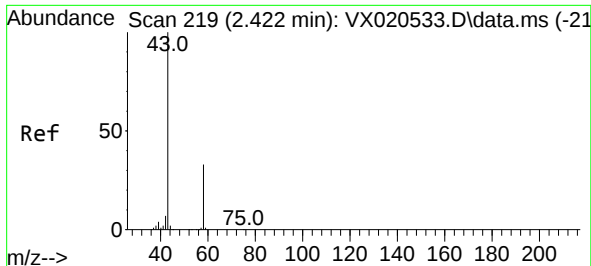
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#12
 1,1-Dichloroethene
 Concen: 2.97 ug/L
 RT: 2.355 min Scan# 208
 Delta R.T. -0.000 min
 Lab File: VX020542.D
 Acq: 08 Jan 2021 16:39

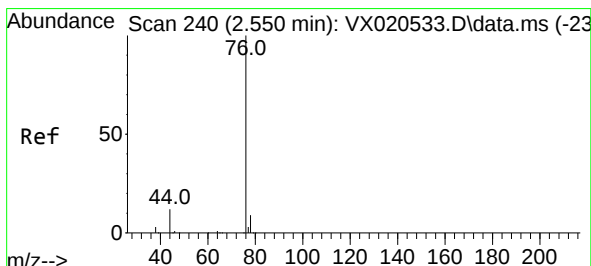
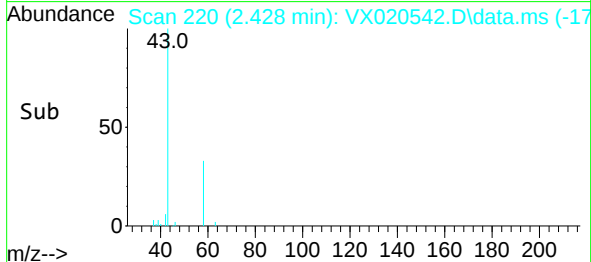
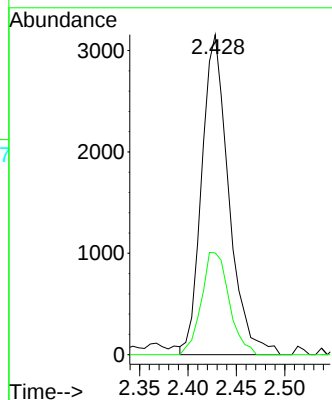
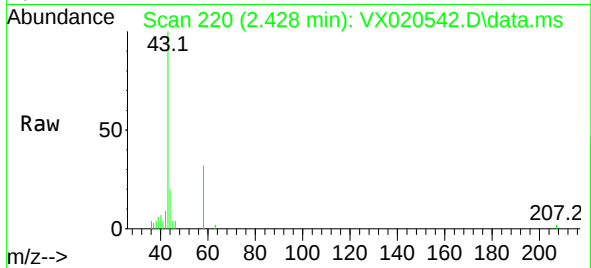
Tgt Ion:	96	Resp:	6706
Ion Ratio	Lower	Upper	
96	100		
61	278.9	115.5	214.5#
63	1262.9	77.3	143.7#





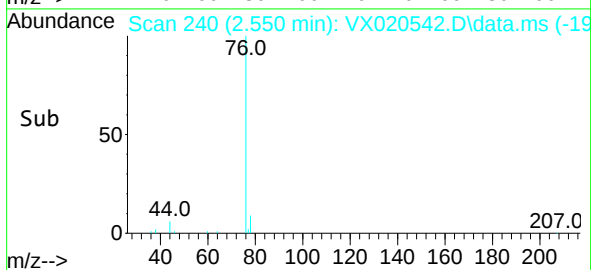
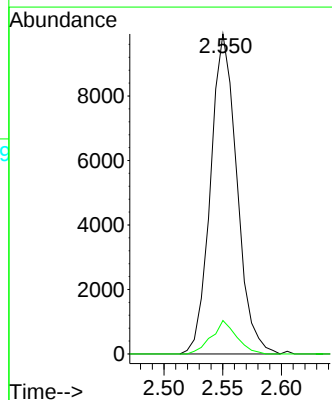
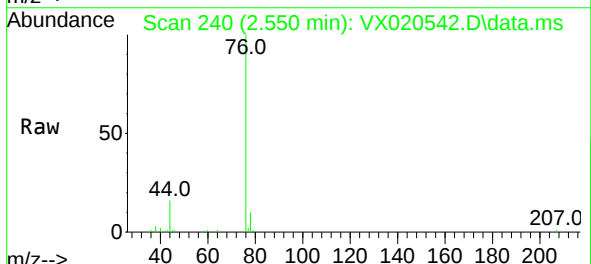
#13
Acetone
Concen: 4.80 ug/L
RT: 2.428 min Scan# 220
Delta R.T. 0.006 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

Tgt Ion: 43 Resp: 6136
Ion Ratio Lower Upper
43 100
58 32.8 0.0 68.2



#14
Carbon disulfide
Concen: 2.14 ug/L
RT: 2.550 min Scan# 240
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

Tgt Ion: 76 Resp: 15516
Ion Ratio Lower Upper
76 100
78 10.4 7.6 11.4

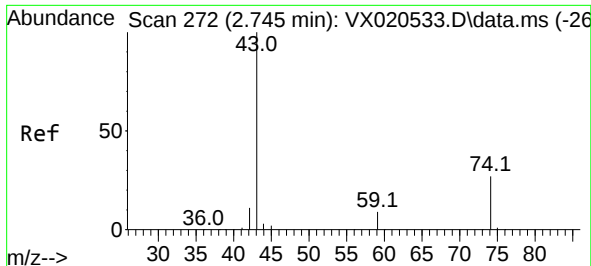


Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-02

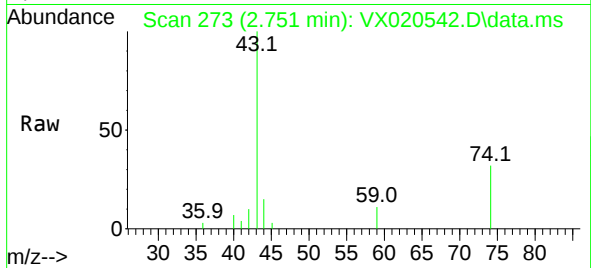
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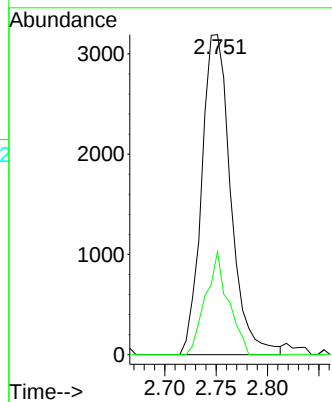
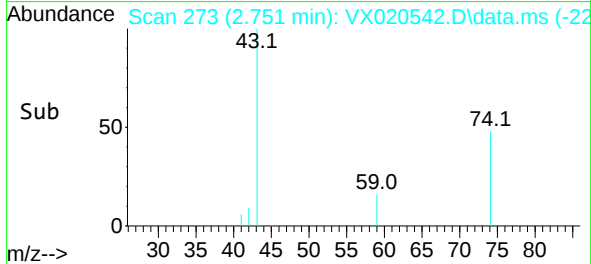
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#15
Methyl Acetate
Concen: 2.47 ug/L
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39



Tgt Ion: 43 Resp: 6295
Ion Ratio Lower Upper
43 100
74 25.2 21.7 32.5

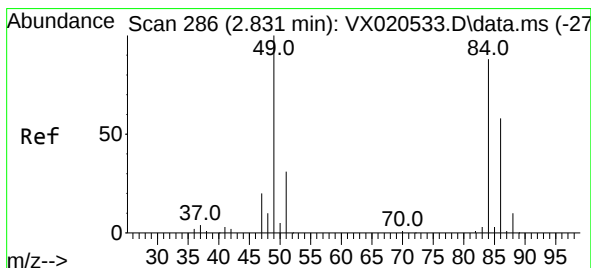


Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-02

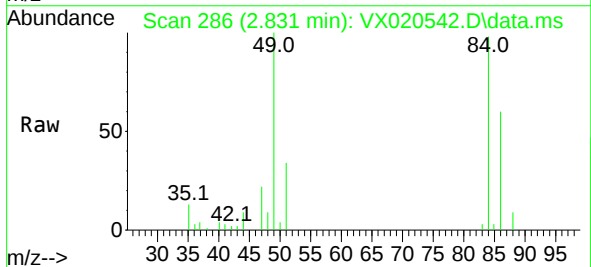
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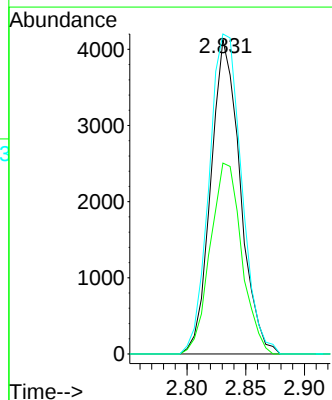
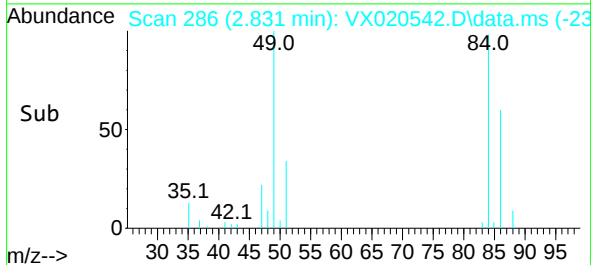
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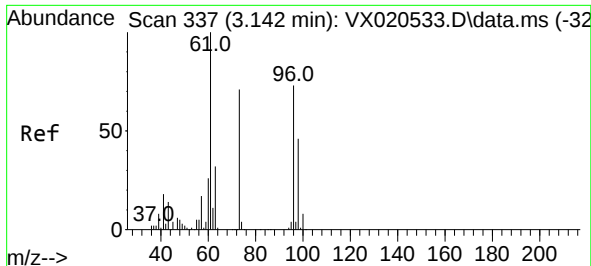


#16
Methylene chloride
Concen: 2.66 ug/L
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

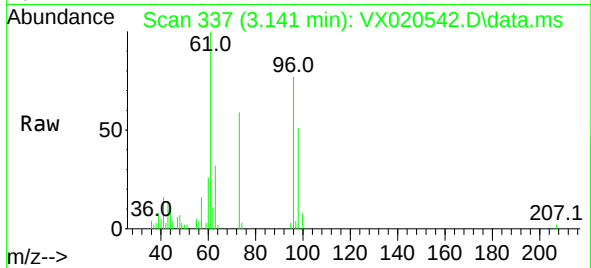


Tgt Ion: 84 Resp: 7177
Ion Ratio Lower Upper
84 100
86 60.7 44.2 82.0
49 101.8 77.8 144.6



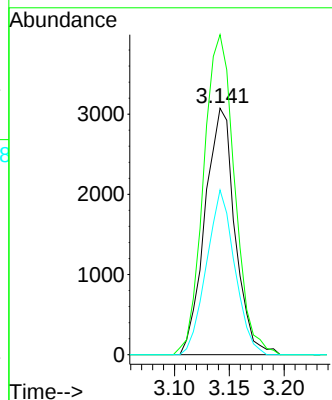


#17
trans-1,2-Dichloroethene
Concen: 2.41 ug/L
RT: 3.141 min Scan# 337
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39



Tgt Ion: 96 Resp: 5858

Ion	Ratio	Lower	Upper
96	100		
61	129.9	92.3	171.3
98	66.8	46.3	85.9

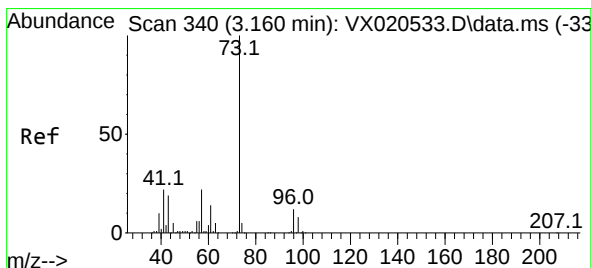


Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-02

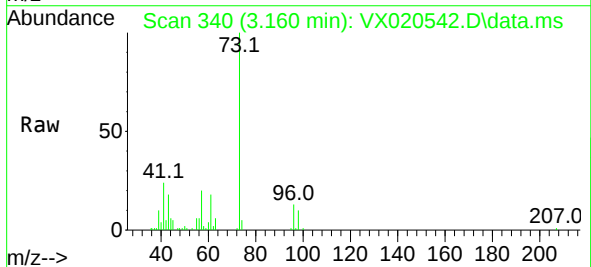
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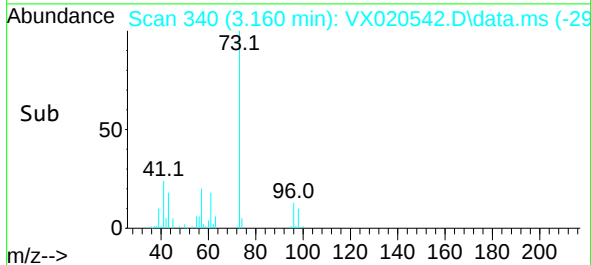
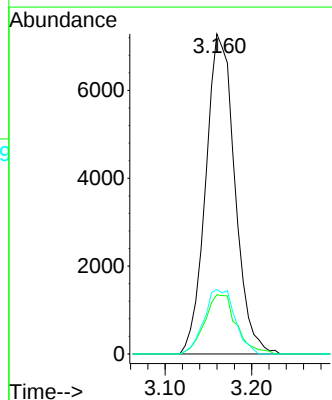


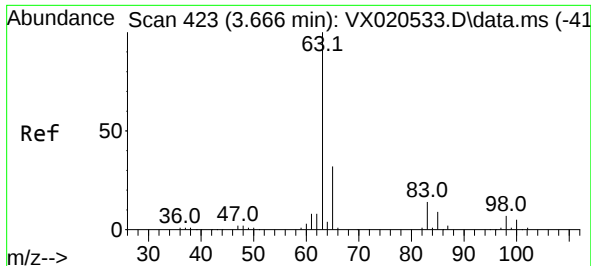
#18
Methyl tert-butyl Ether
Concen: 2.31 ug/L
RT: 3.160 min Scan# 340
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39



Tgt Ion: 73 Resp: 16993

Ion	Ratio	Lower	Upper
73	100		
43	20.2	15.1	22.7
57	13.6	17.4	26.2





#19

1,1-Dichloroethane

Concen: 2.41 ug/L

RT: 3.672 min Scan# 424

Delta R.T. 0.006 min

Lab File: VX020542.D

Acq: 08 Jan 2021 16:39

Tgt Ion:	63	Resp:	10606
Ion	Ratio	Lower	Upper
63	100		
65	28.1	22.4	41.6
83	13.4	9.5	17.7

Instrument :

MSVOA_X

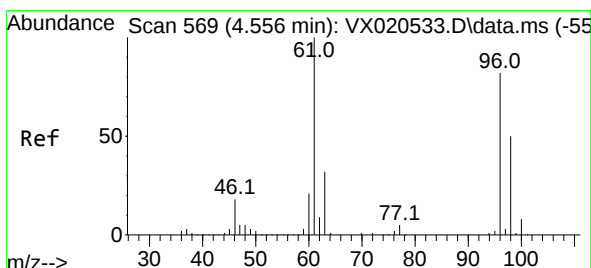
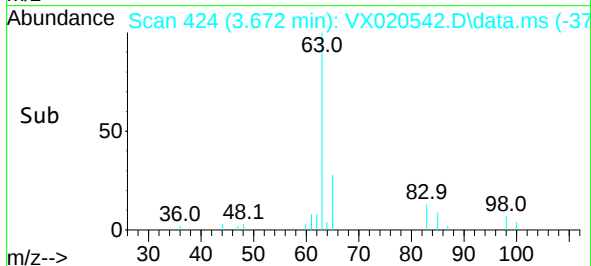
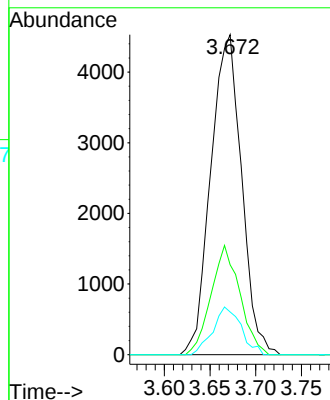
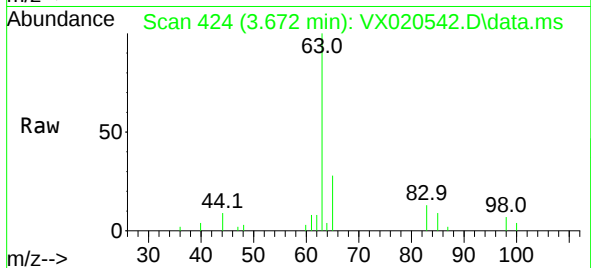
ClientSampleId :

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#20

cis-1,2-Dichloroethene

Concen: 2.28 ug/L

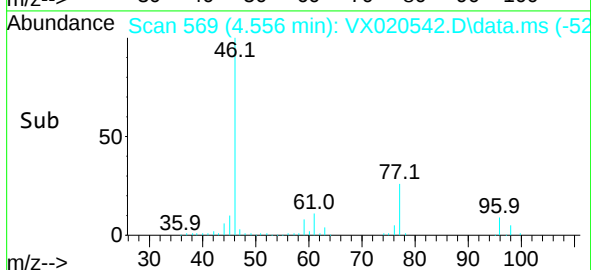
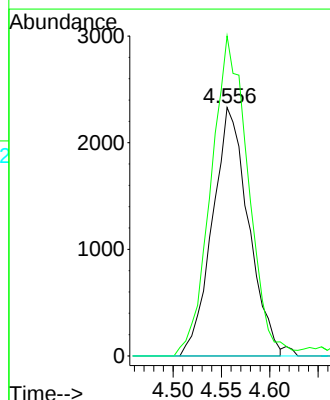
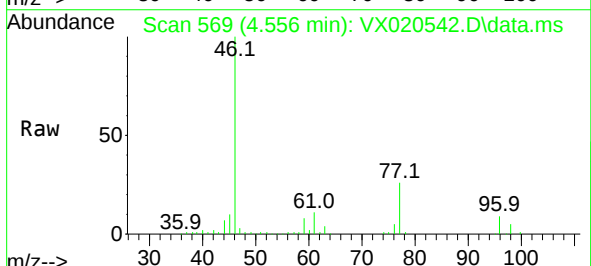
RT: 4.556 min Scan# 569

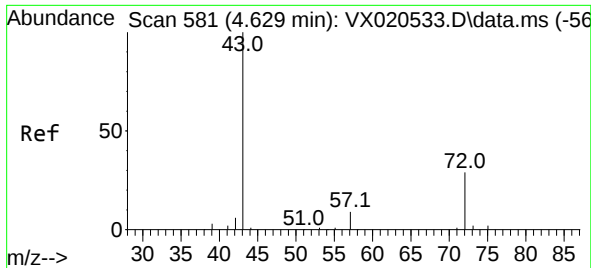
Delta R.T. -0.000 min

Lab File: VX020542.D

Acq: 08 Jan 2021 16:39

Tgt Ion:	96	Resp:	6047
Ion	Ratio	Lower	Upper
96	100		
61	128.7	87.8	163.0
68	0.0	0.0	0.0





#22
2-Butanone
Concen: 4.49 ug/L
RT: 4.647 min Scan# 584
Delta R.T. 0.018 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

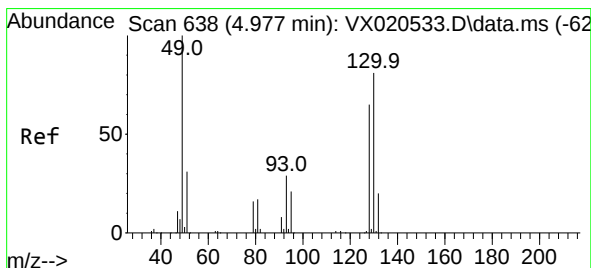
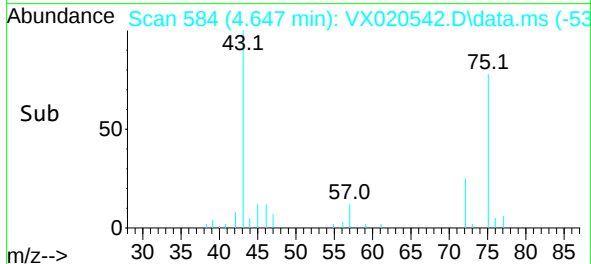
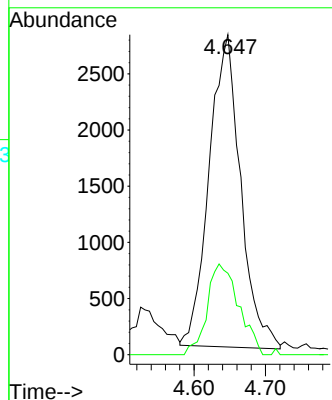
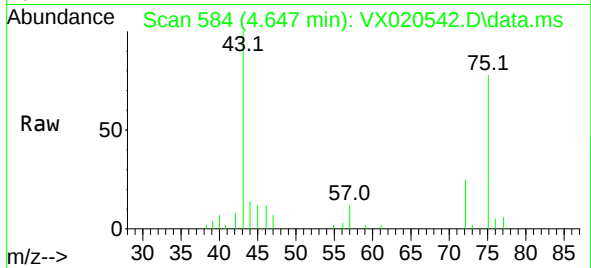
Tgt Ion: 43 Resp: 8493
Ion Ratio Lower Upper
43 100
72 29.2 15.3 45.8

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-02

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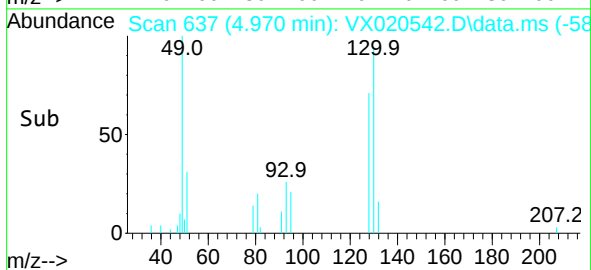
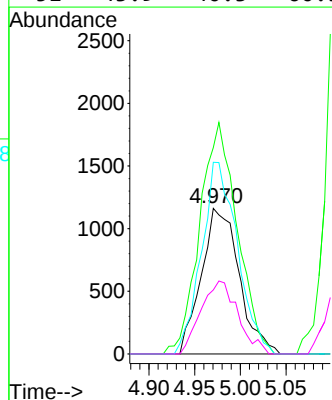
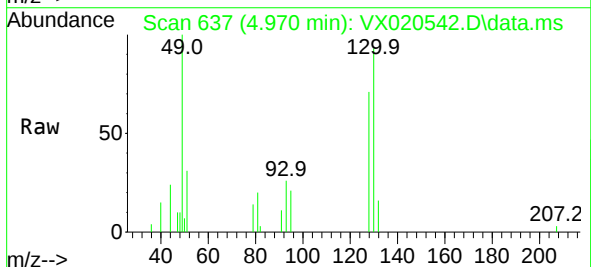
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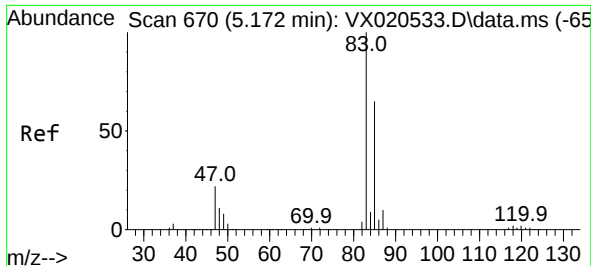
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#23
Bromochloromethane
Concen: 2.43 ug/L
RT: 4.970 min Scan# 637
Delta R.T. -0.006 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

Tgt Ion:128 Resp: 3341
Ion Ratio Lower Upper
128 100
49 141.7 107.5 199.7
130 131.7 91.1 169.3
51 43.9 40.3 60.5





#25

Chloroform

Concen: 2.57 ug/L

RT: 5.172 min Scan# 670

Delta R.T. -0.000 min

Lab File: VX020542.D

Acq: 08 Jan 2021 16:39

Tgt Ion: 83 Resp: 12312

Ion Ratio Lower Upper

83 100

85 61.2 46.3 85.9

Instrument :

MSVOA_X

ClientSampleId :

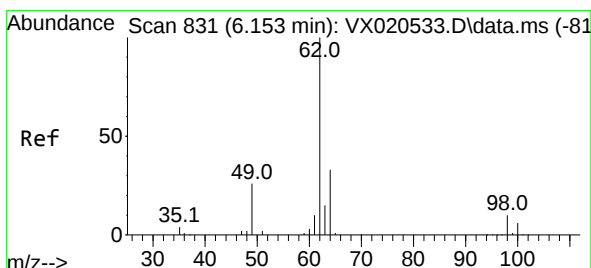
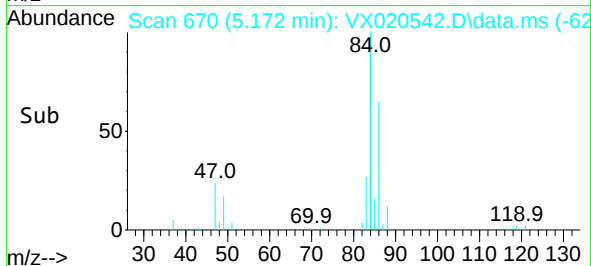
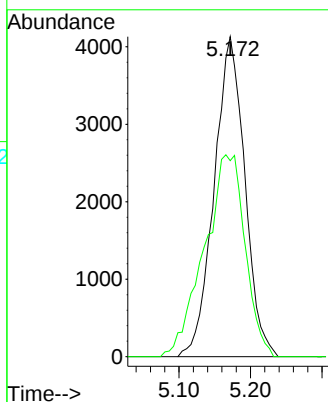
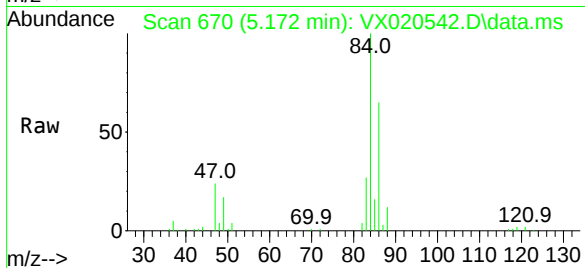
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#27

1,2-Dichloroethane

Concen: 2.57 ug/L

RT: 6.159 min Scan# 832

Delta R.T. 0.006 min

Lab File: VX020542.D

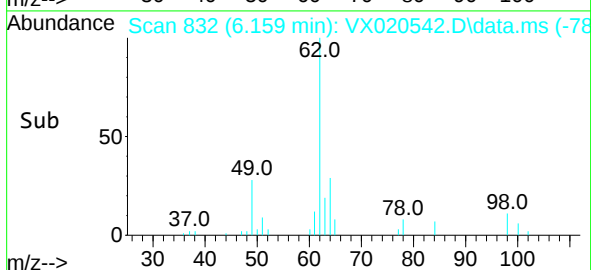
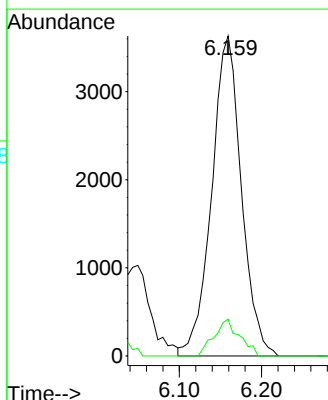
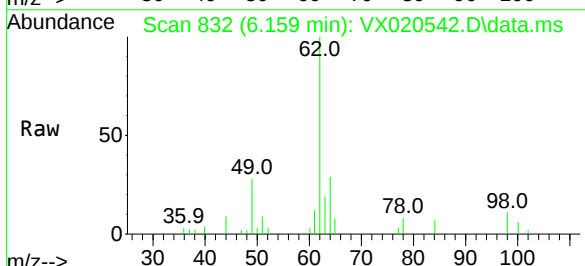
Acq: 08 Jan 2021 16:39

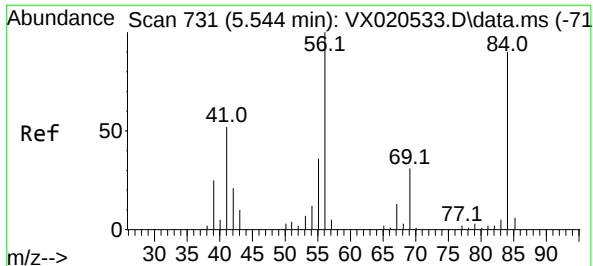
Tgt Ion: 62 Resp: 9110

Ion Ratio Lower Upper

62 100

98 11.5 7.9 11.9





#29

Cyclohexane

Concen: 2.02 ug/L m

RT: 5.550 min Scan# 732

Delta R.T. 0.006 min

Lab File: VX020542.D

Acq: 08 Jan 2021 16:39

Tgt Ion: 56 Resp: 7771

Ion Ratio Lower Upper

56 100

69 32.0 25.7 38.5

84 92.9 72.4 108.6

Instrument :

MSVOA_X

ClientSampleId :

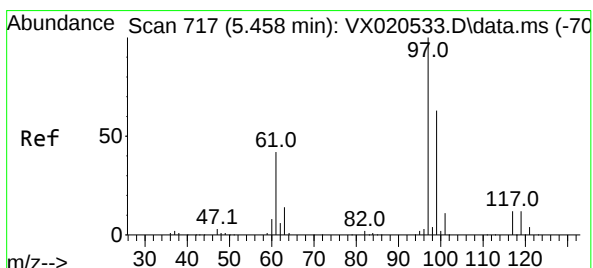
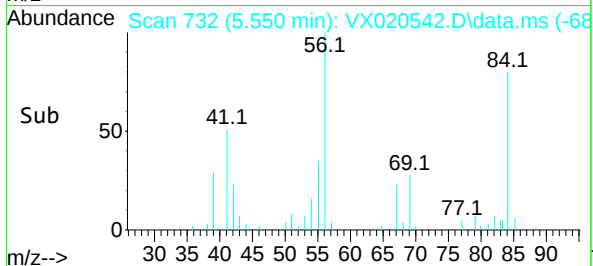
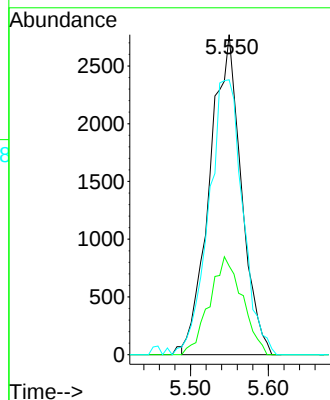
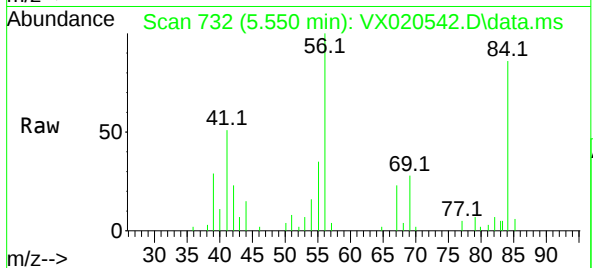
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#30

1,1,1-Trichloroethane

Concen: 2.22 ug/L

RT: 5.464 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX020542.D

Acq: 08 Jan 2021 16:39

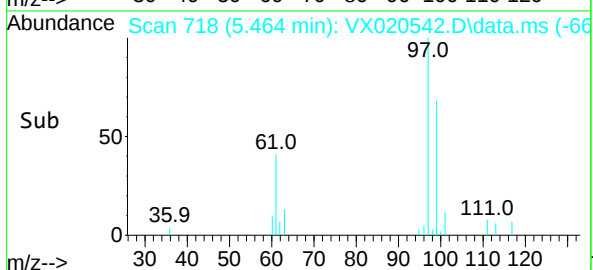
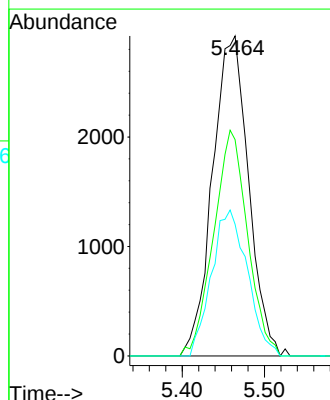
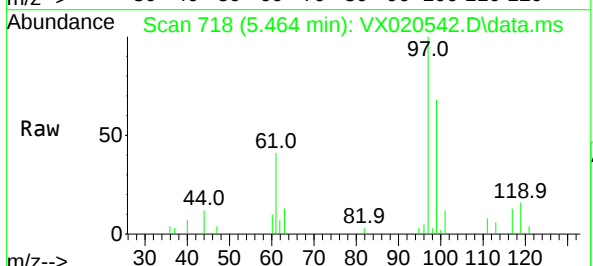
Tgt Ion: 97 Resp: 8873

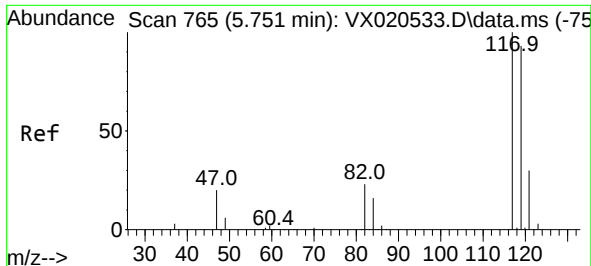
Ion Ratio Lower Upper

97 100

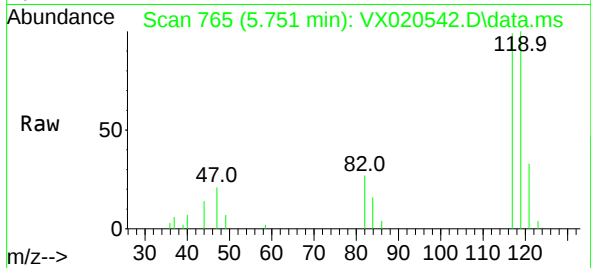
99 66.7 52.1 78.1

61 45.6 35.3 52.9

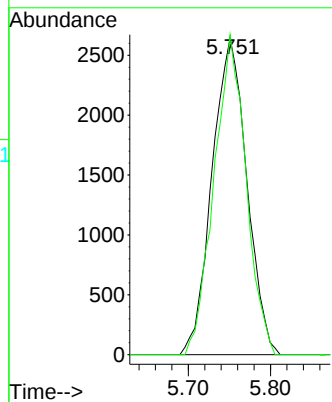
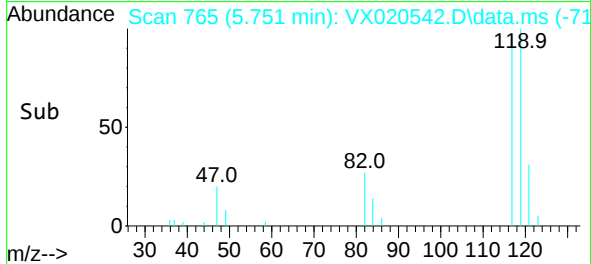




#31
Carbon tetrachloride
Concen: 2.30 ug/L
RT: 5.751 min Scan# 765
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39



Tgt Ion:117 Resp: 7769
Ion Ratio Lower Upper
117 100
119 92.9 77.5 116.3

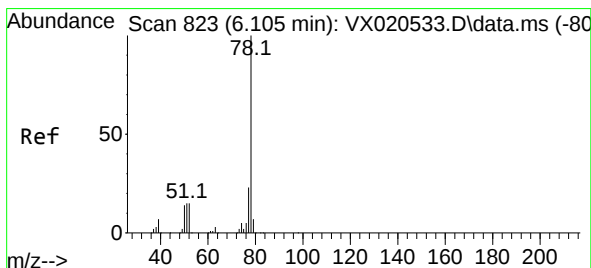


Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-02

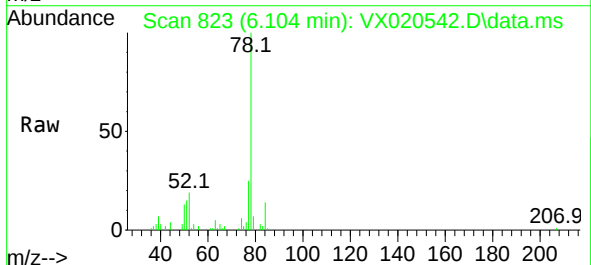
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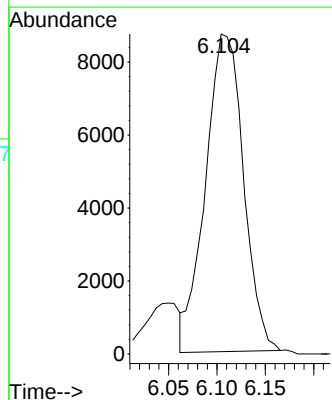
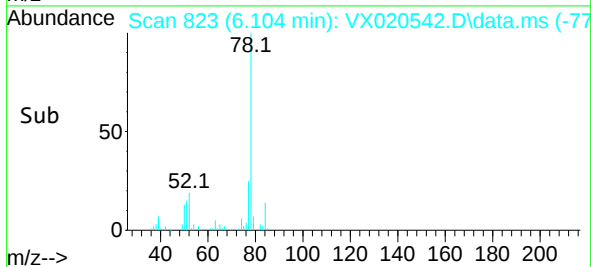
1/11/2021 6:04:14 PM

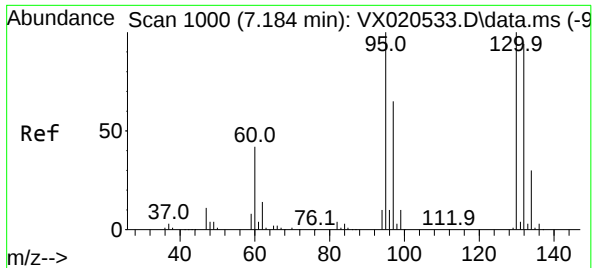


#33
Benzene
Concen: 2.30 ug/L
RT: 6.104 min Scan# 823
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39



Tgt Ion: 78 Resp: 23770





#34

Trichloroethene

Concen: 2.36 ug/L

RT: 7.183 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VX020542.D

Acq: 08 Jan 2021 16:39

Tgt Ion: 95 Resp: 6214

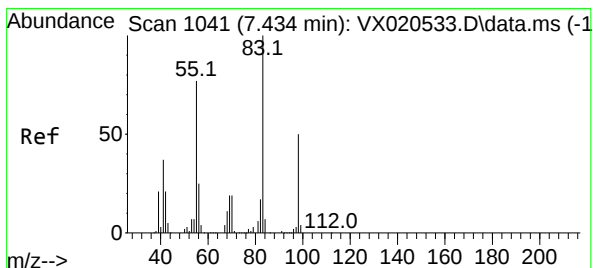
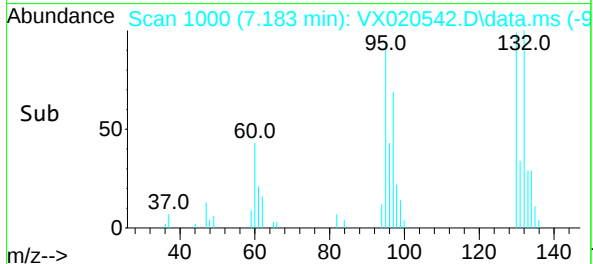
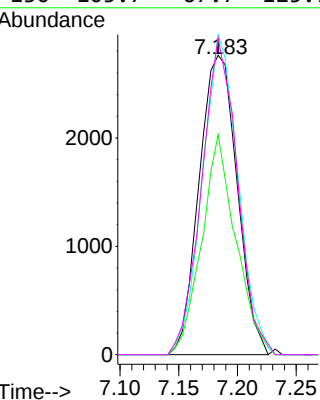
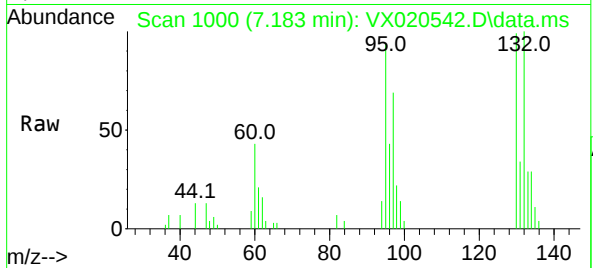
Ion Ratio Lower Upper

95 100

97 73.4 44.5 82.7

132 106.8 65.2 121.0

130 105.7 67.7 125.7



#35

Methylcyclohexane

Concen: 2.03 ug/L

RT: 7.439 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VX020542.D

Acq: 08 Jan 2021 16:39

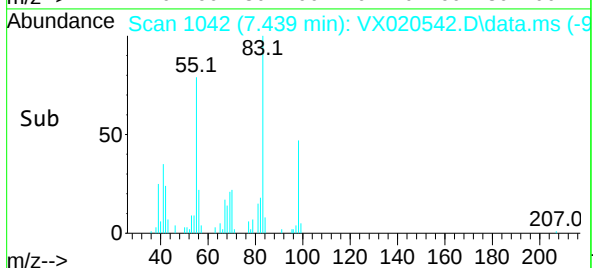
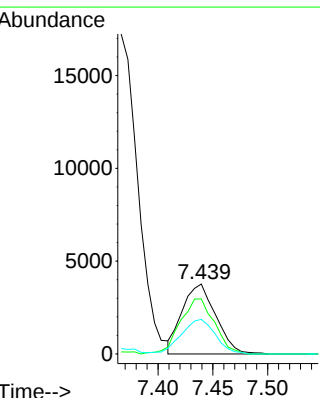
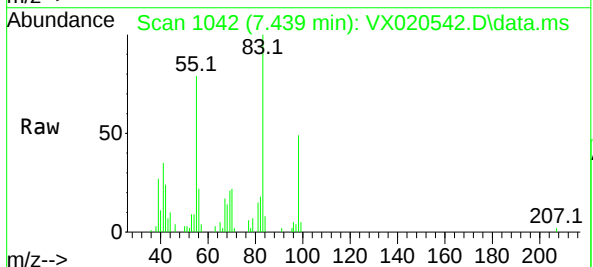
Tgt Ion: 83 Resp: 8029

Ion Ratio Lower Upper

83 100

55 80.0 61.2 91.8

98 50.3 38.7 58.1



Instrument :

MSVOA_X

ClientSampleId :

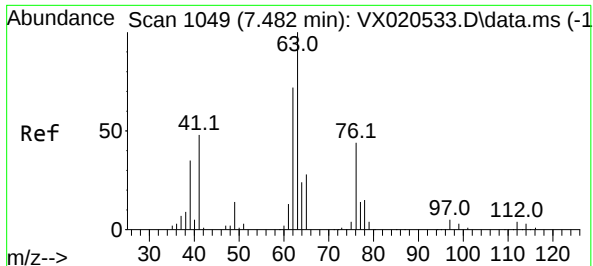
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#37
1,2-Dichloropropane
Concen: 2.44 ug/L
RT: 7.488 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

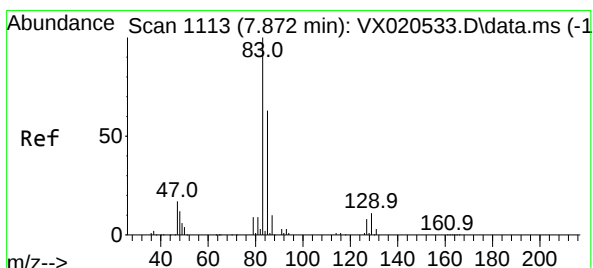
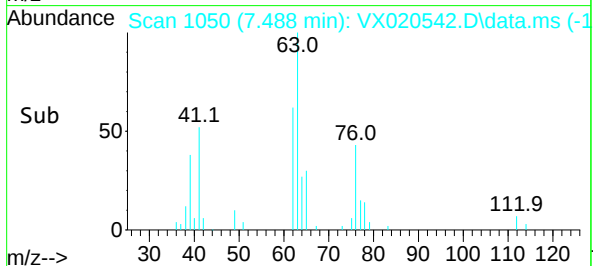
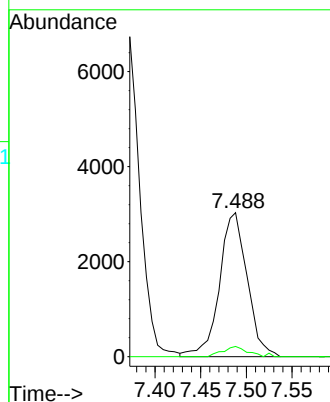
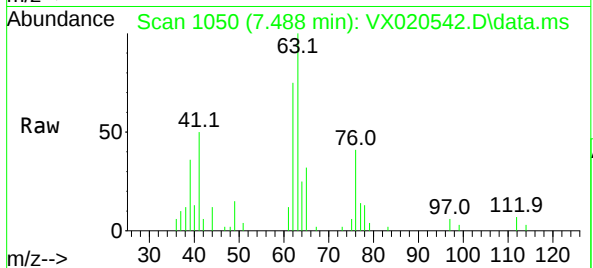
Tgt Ion: 63 Resp: 6400
Ion Ratio Lower Upper
63 100
112 6.2 3.6 5.4#

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-02

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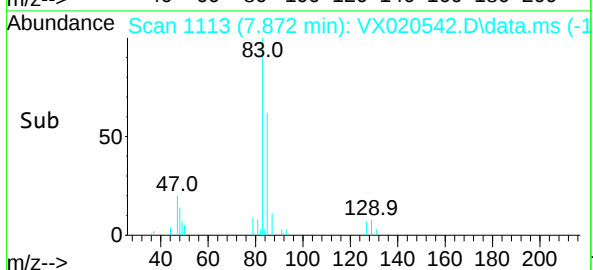
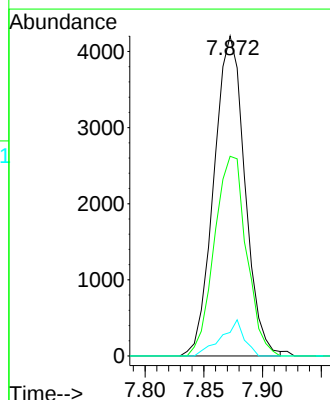
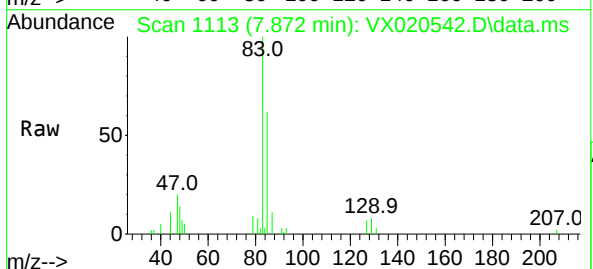
MMDadoda

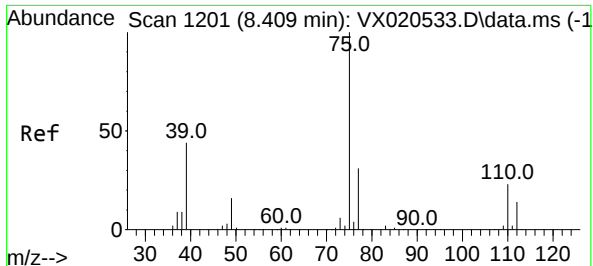
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#38
Bromodichloromethane
Concen: 2.29 ug/L
RT: 7.872 min Scan# 1113
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

Tgt Ion: 83 Resp: 7719
Ion Ratio Lower Upper
83 100
85 62.4 45.1 83.7
127 7.4 6.6 10.0





#39
 cis-1,3-Dichloropropene
 Concen: 2.15 ug/L
 RT: 8.409 min Scan# 1201
 Delta R.T. -0.000 min
 Lab File: VX020542.D
 Acq: 08 Jan 2021 16:39

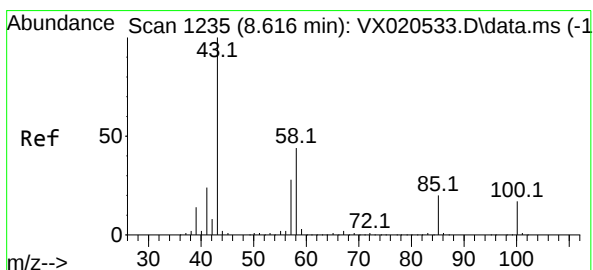
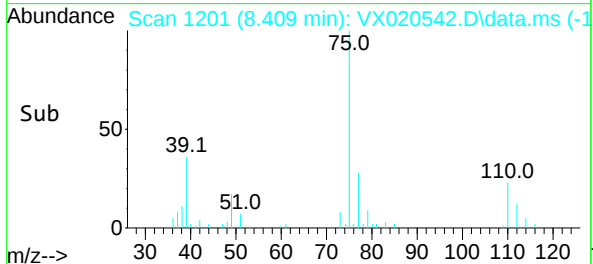
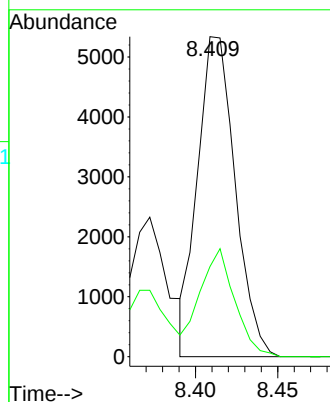
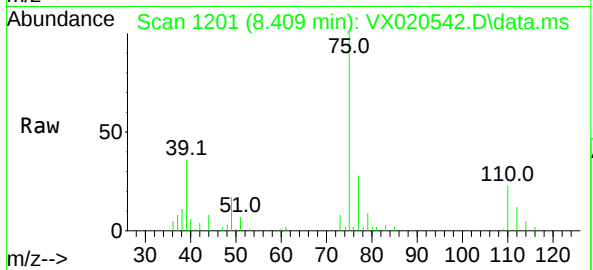
Tgt Ion: 75 Resp: 8466
 Ion Ratio Lower Upper
 75 100
 77 28.1 22.7 42.3

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT1-2021-02

Manual Integrations
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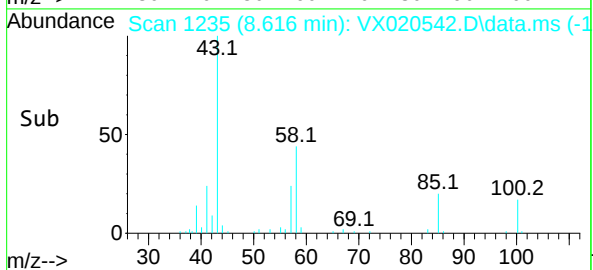
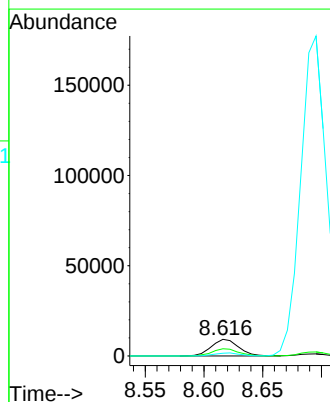
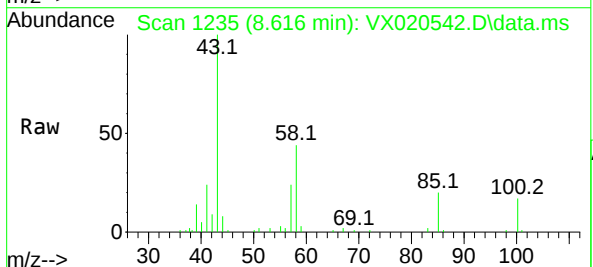
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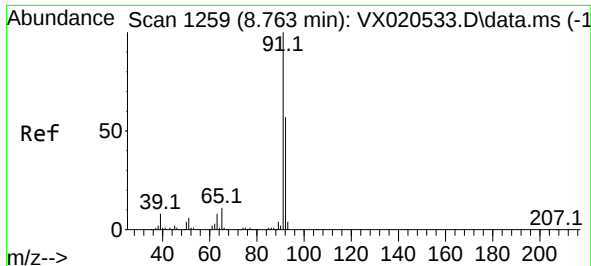
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#40
 4-Methyl-2-pentanone
 Concen: 4.34 ug/L
 RT: 8.616 min Scan# 1235
 Delta R.T. -0.000 min
 Lab File: VX020542.D
 Acq: 08 Jan 2021 16:39

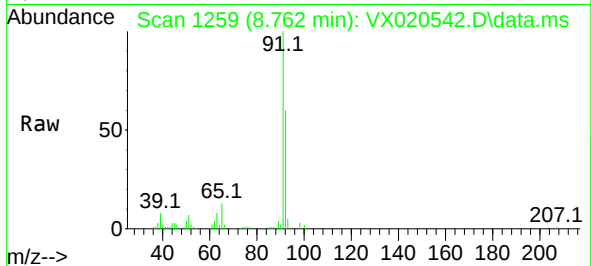
Tgt Ion: 43 Resp: 14945
 Ion Ratio Lower Upper
 43 100
 58 42.1 35.0 52.4
 100 17.3 14.2 21.4





#42
Toluene
Concen: 2.31 ug/L
RT: 8.762 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-02

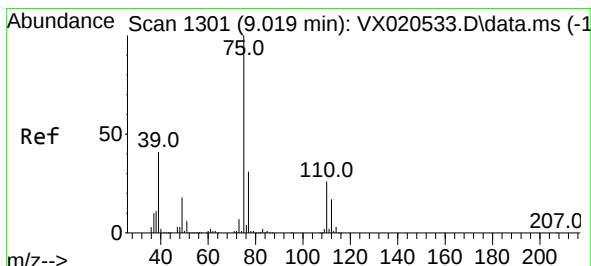
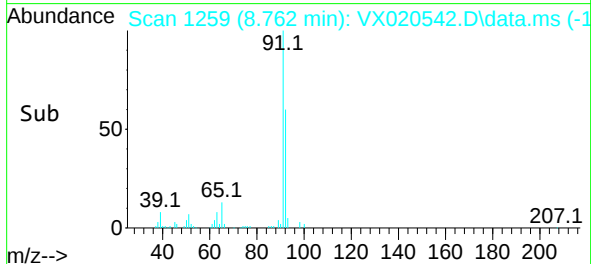
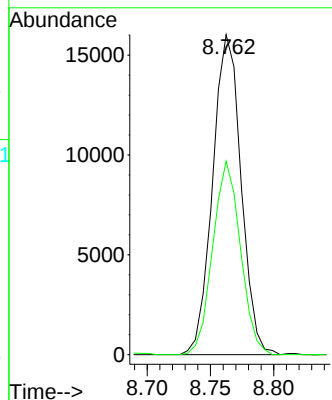


Tgt Ion: 91 Resp: 25028
Ion Ratio Lower Upper
91 100
92 60.5 40.5 75.1

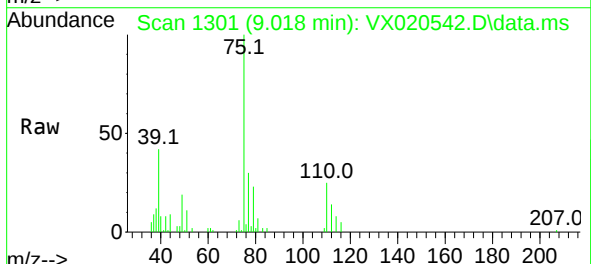
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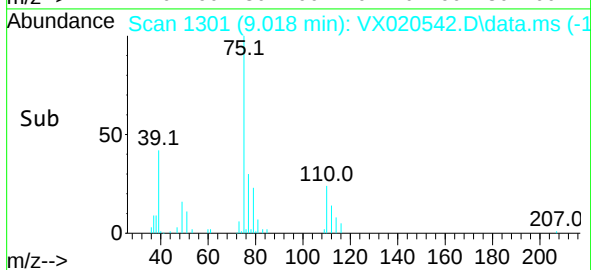
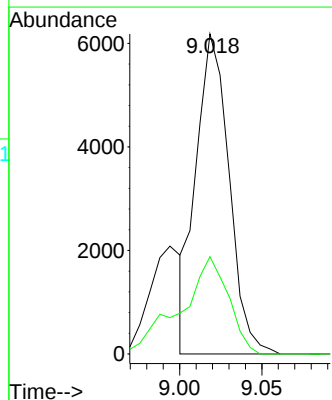
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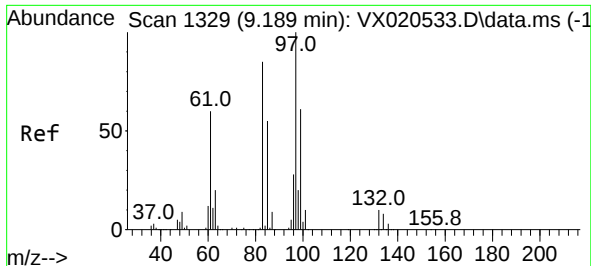


#44
trans-1,3-Dichloropropene
Concen: 2.24 ug/L
RT: 9.018 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

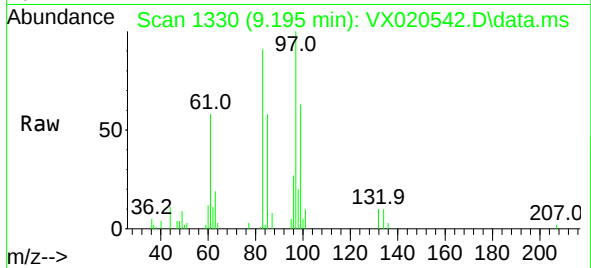


Tgt Ion: 75 Resp: 8610
Ion Ratio Lower Upper
75 100
77 30.4 22.4 41.6

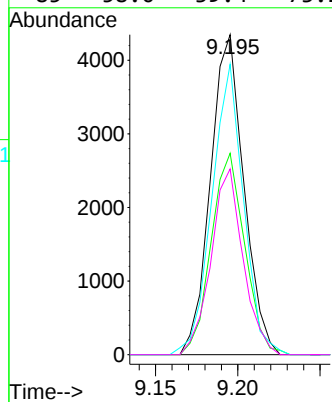




#45
1,1,2-Trichloroethane
Concen: 2.36 ug/L
RT: 9.195 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39



Tgt Ion: 97	Resp: 6130
Ion Ratio	Lower Upper
97 100	
99 62.9	44.0 81.6
83 90.8	60.8 113.0
85 58.0	39.4 73.2

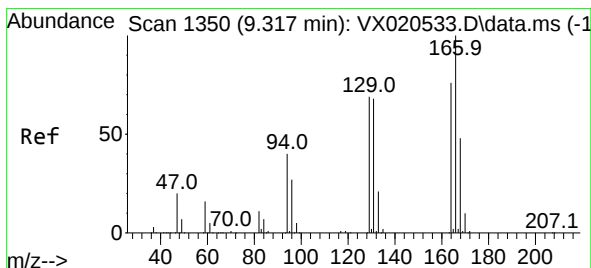
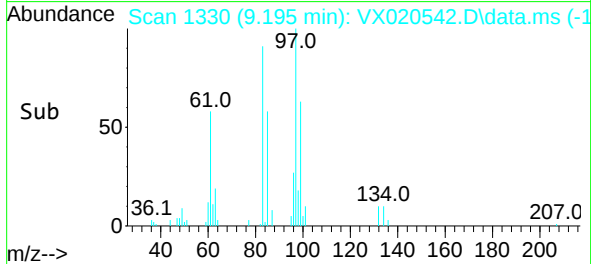


Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-02

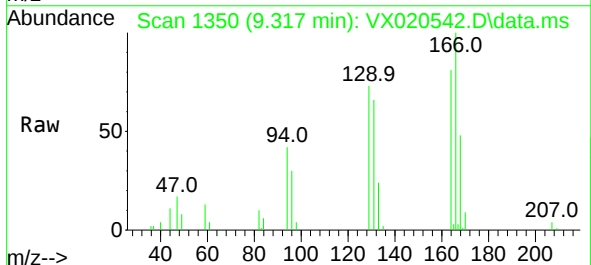
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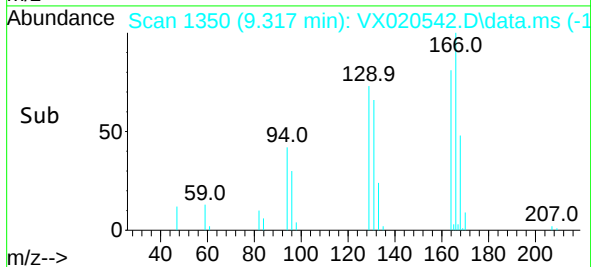
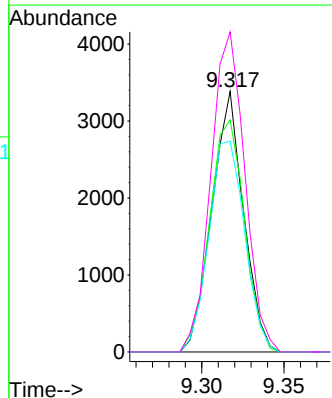
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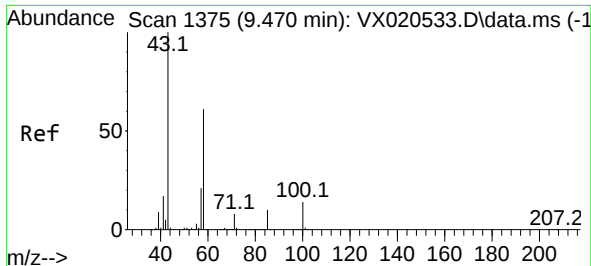


#46
Tetrachloroethene
Concen: 2.23 ug/L
RT: 9.317 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39



Tgt	Ion:164	Resp:	4539
Ion	Ratio	Lower	Upper
164	100		
129	89.1	65.6	121.8
131	81.0	63.7	118.3
166	122.9	93.0	172.6





#48
2-Hexanone
Concen: 4.79 ug/L
RT: 9.470 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

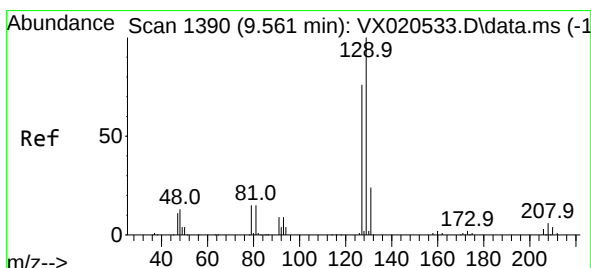
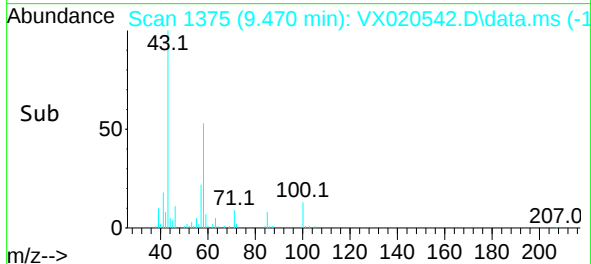
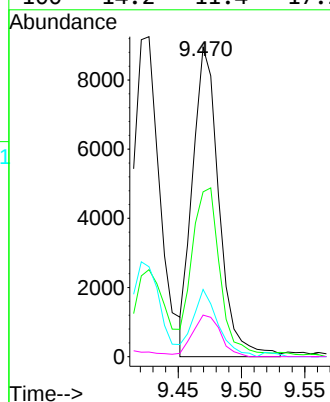
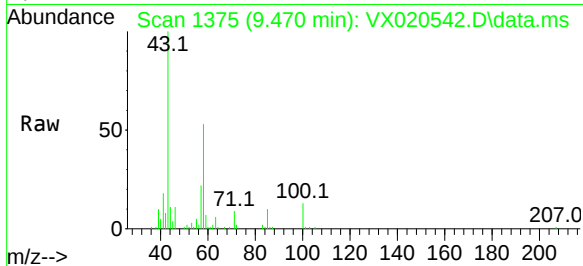
Tgt Ion: 43	Resp: 13027
Ion Ratio	Lower Upper
43 100	
58 58.0	50.1 75.1
57 20.4	17.3 25.9
100 14.2	11.4 17.2

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-02

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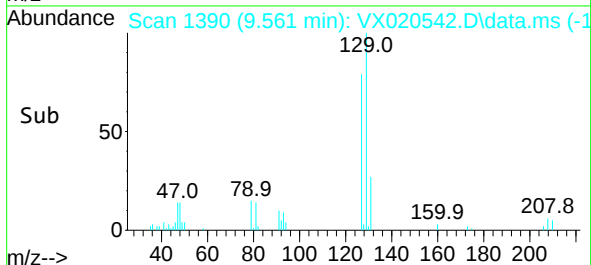
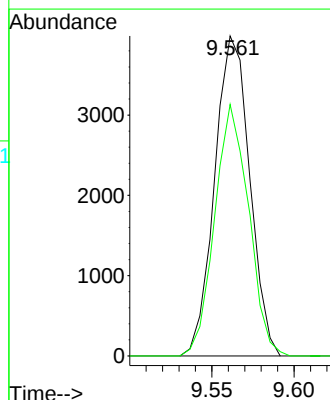
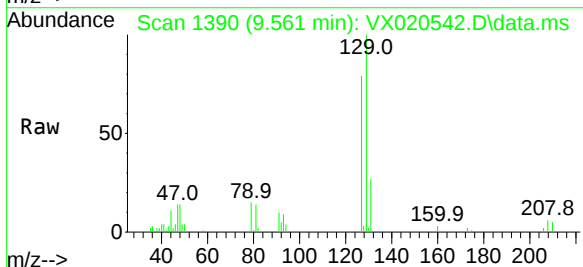
MMDadoda

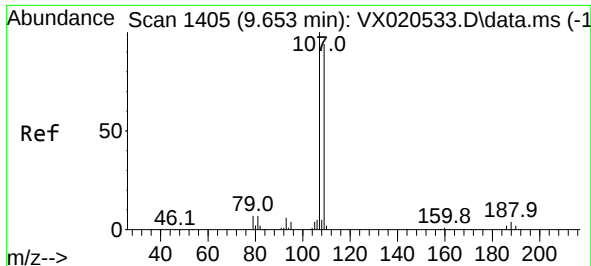
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#49
Dibromochloromethane
Concen: 2.22 ug/L
RT: 9.561 min Scan# 1390
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

Tgt Ion:129	Resp: 5904		
Ion Ratio	Lower	Upper	
129 100			
127 78.6	52.5	97.5	





#50

1,2-Dibromoethane

Concen: 2.34 ug/L

RT: 9.652 min Scan# 1405

Delta R.T. -0.000 min

Lab File: VX020542.D

Acq: 08 Jan 2021 16:39

Tgt Ion:	107	Resp:	6281
Ion	Ratio	Lower	Upper
107	100		
109	94.8	66.4	123.4
188	4.1	3.2	4.8

Instrument :

MSVOA_X

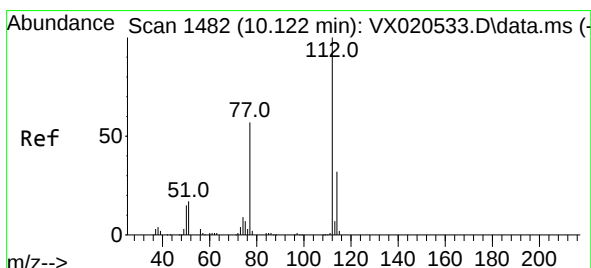
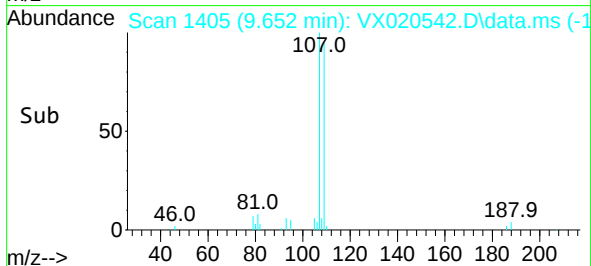
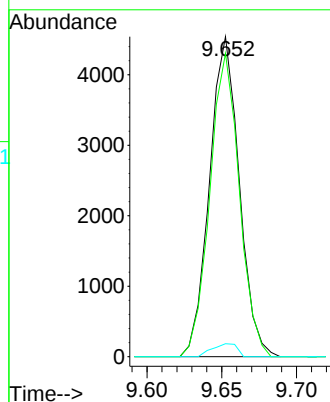
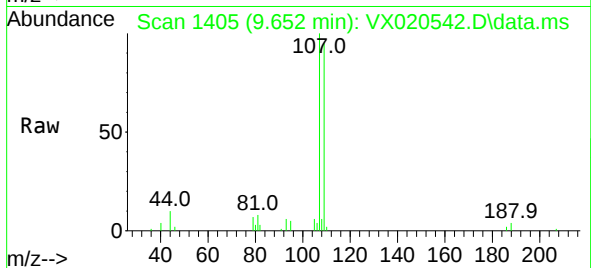
ClientSampleId :

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#51

Chlorobenzene

Concen: 2.35 ug/L

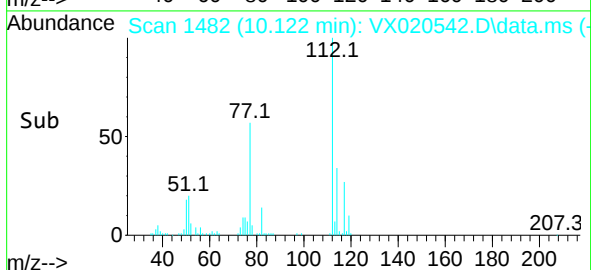
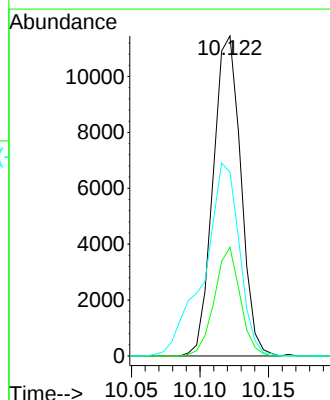
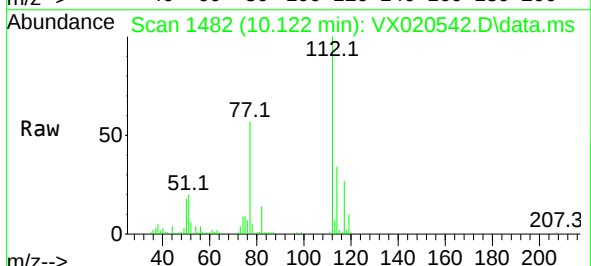
RT: 10.122 min Scan# 1482

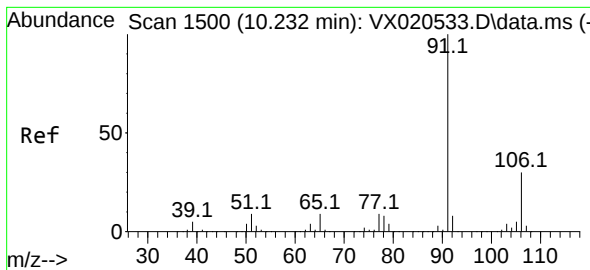
Delta R.T. -0.000 min

Lab File: VX020542.D

Acq: 08 Jan 2021 16:39

Tgt Ion:	112	Resp:	16105
Ion	Ratio	Lower	Upper
112	100		
114	34.0	23.2	43.2
77	57.5	48.4	72.6





#52
Ethylbenzene
Concen: 2.07 ug/L
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

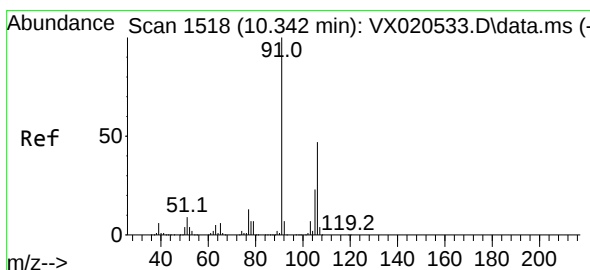
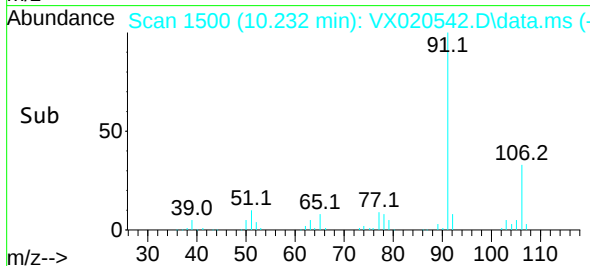
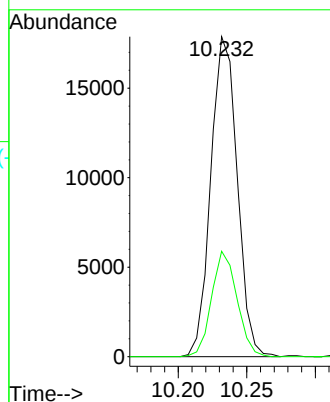
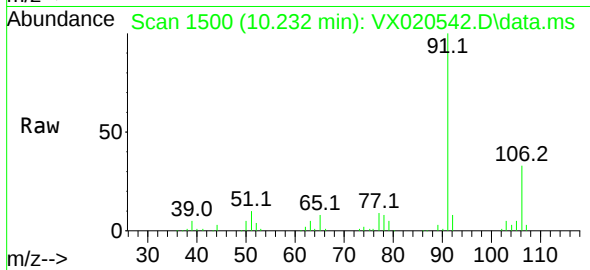
Tgt Ion: 91 Resp: 23986
Ion Ratio Lower Upper
91 100
106 32.9 21.0 39.0

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2021-02

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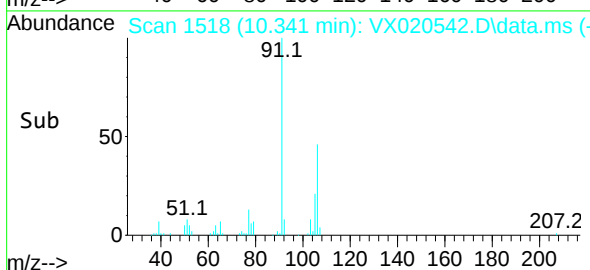
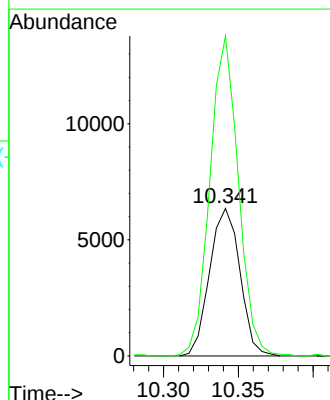
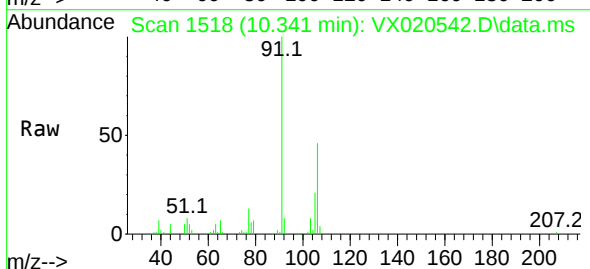
MMDadoda

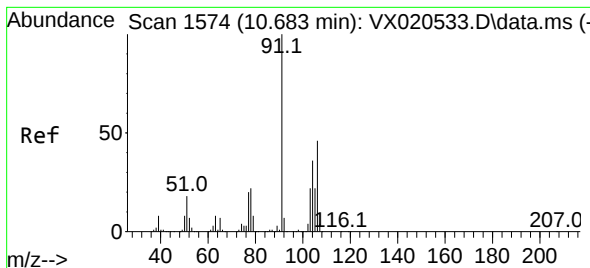
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#53
m,p-Xylene
Concen: 2.07 ug/L
RT: 10.341 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

Tgt Ion: 106 Resp: 8965
Ion Ratio Lower Upper
106 100
91 216.9 142.5 264.6





#54
o-Xylene
Concen: 1.98 ug/L
RT: 10.683 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

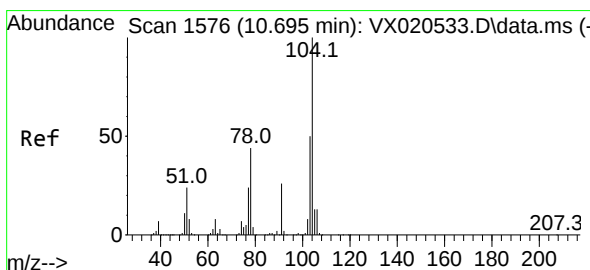
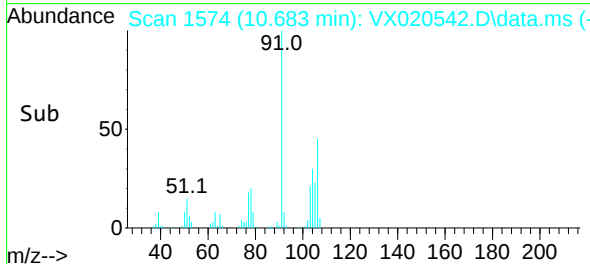
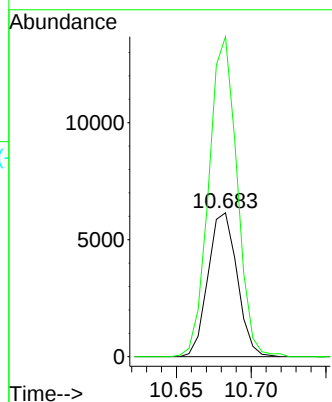
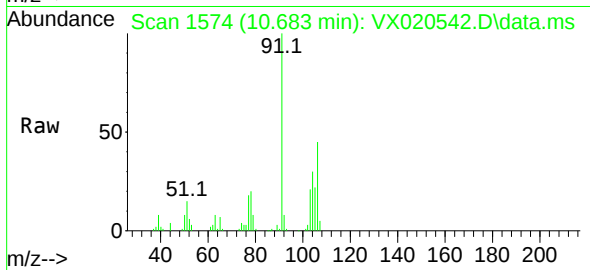
Tgt Ion:106 Resp: 8327
Ion Ratio Lower Upper
106 100
91 222.4 156.2 290.0

Instrument :
MSVOA_X
ClientSampleId :
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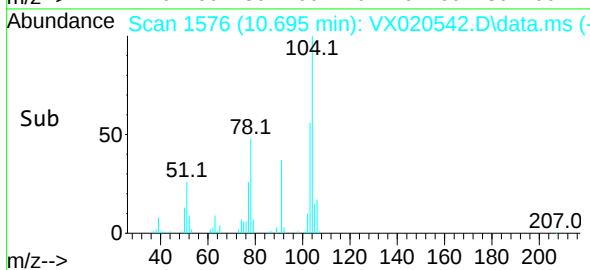
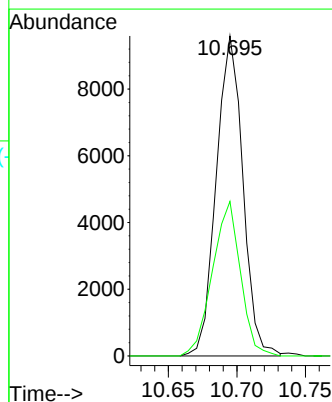
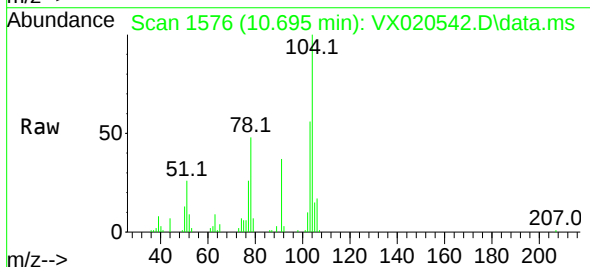
MMDadoda

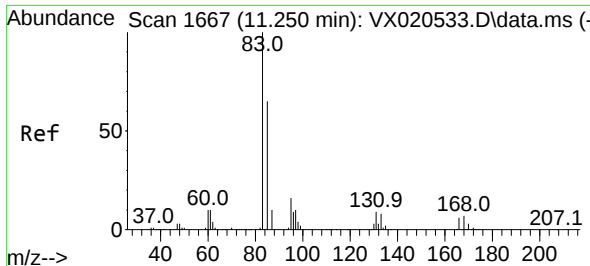
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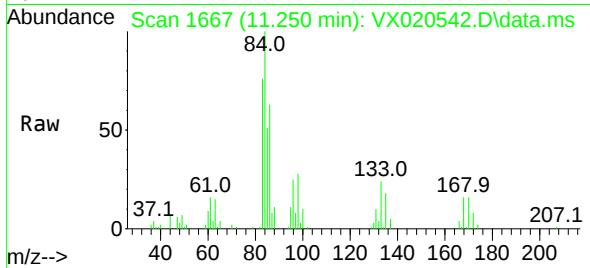
#55
Styrene
Concen: 1.82 ug/L
RT: 10.695 min Scan# 1576
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

Tgt Ion:104 Resp: 12956
Ion Ratio Lower Upper
104 100
78 48.3 30.0 55.6

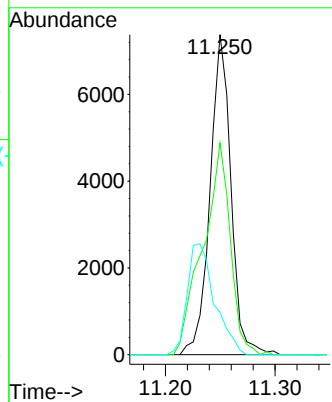
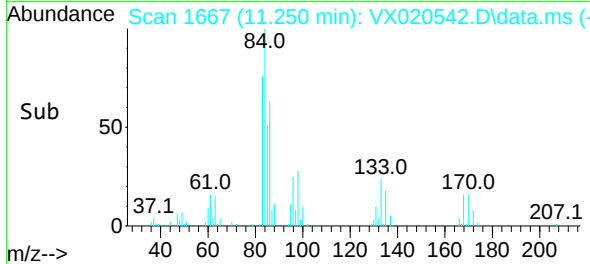




#57
1,1,2,2-Tetrachloroethane
Concen: 2.37 ug/L
RT: 11.250 min Scan# 1667
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39



Tgt Ion: 83 Resp: 9766
Ion Ratio Lower Upper
83 100
85 66.2 44.7 82.9
131 13.2 7.8 11.8#

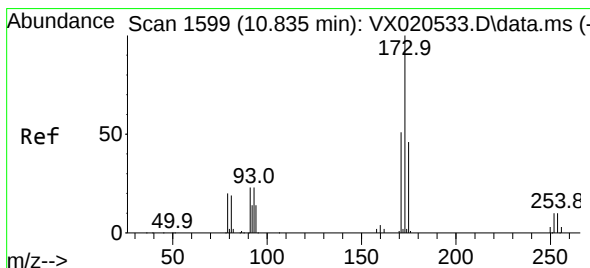


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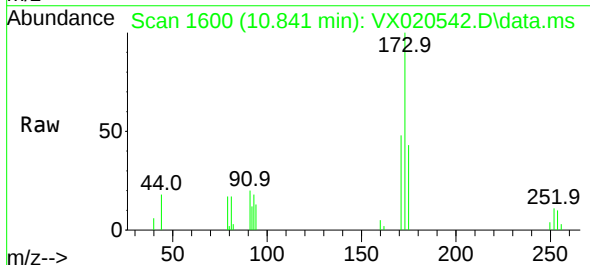
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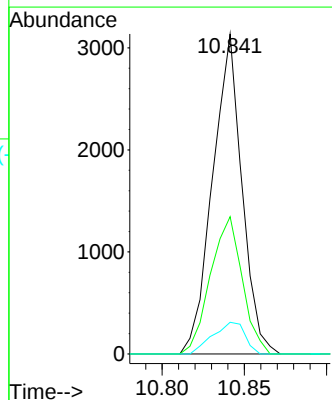
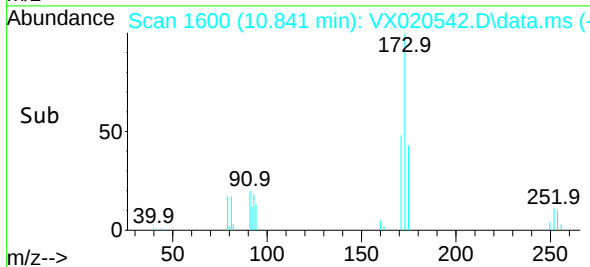
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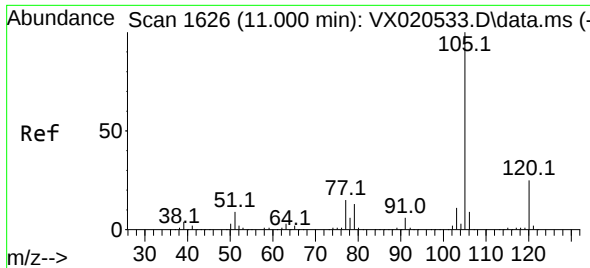


#59
Bromoform
Concen: 2.29 ug/L
RT: 10.841 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39



Tgt Ion: 173 Resp: 3888
Ion Ratio Lower Upper
173 100
175 46.5 39.4 59.2
254 10.9 8.6 13.0





#60
Isopropylbenzene
Concen: 2.07 ug/L
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

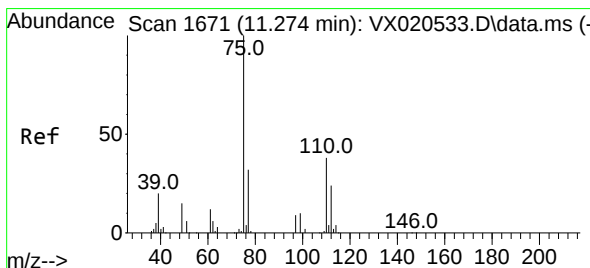
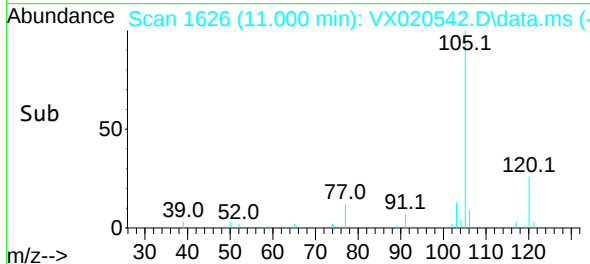
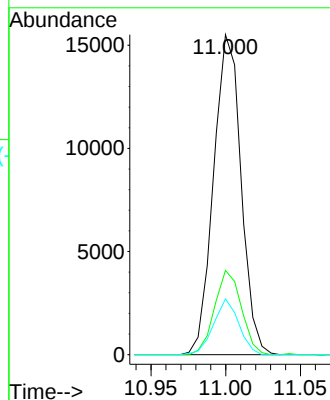
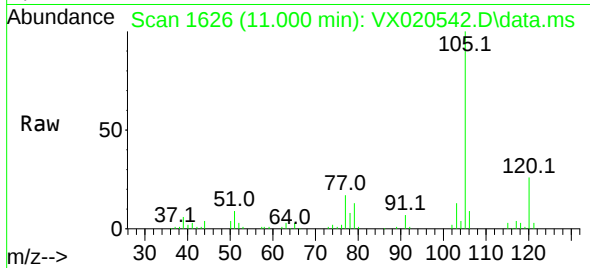
Tgt Ion:	105	Resp:	19837
Ion Ratio	Lower	Upper	
105	100		
120	25.7	21.2	31.8
77	16.0	12.6	18.8

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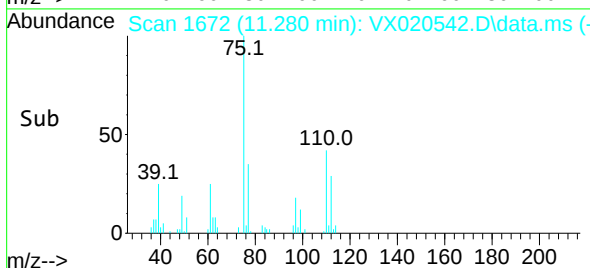
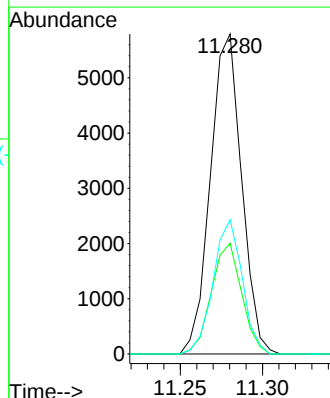
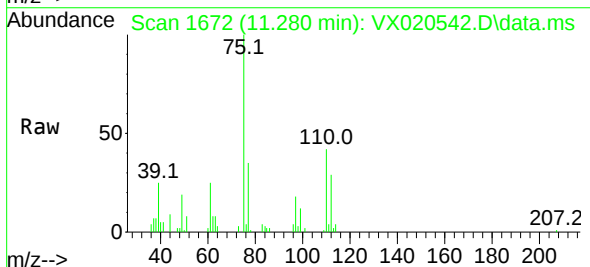
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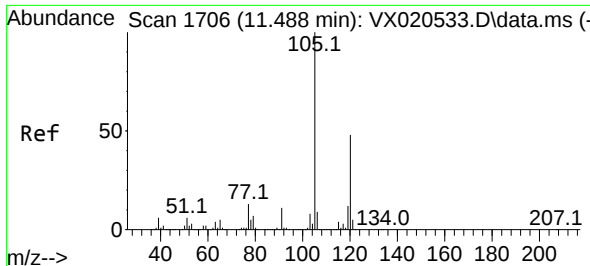
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#61
1,2,3-Trichloropropane
Concen: 2.57 ug/L
RT: 11.280 min Scan# 1672
Delta R.T. 0.006 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

Tgt Ion:	75	Resp:	7648
Ion Ratio	Lower	Upper	
75	100		
77	33.6	26.2	39.2
110	39.1	31.8	47.8





#62
1,3,5-Trimethylbenzene
Concen: 1.86 ug/L
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

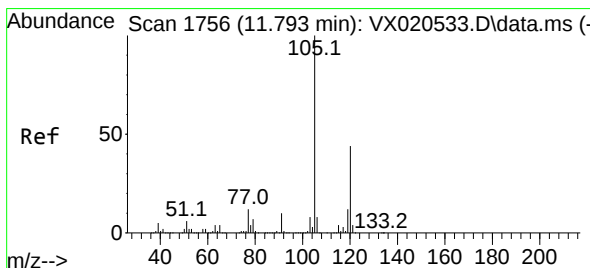
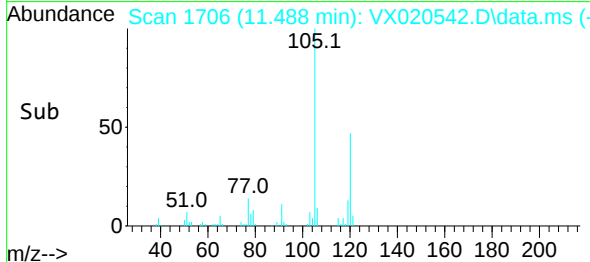
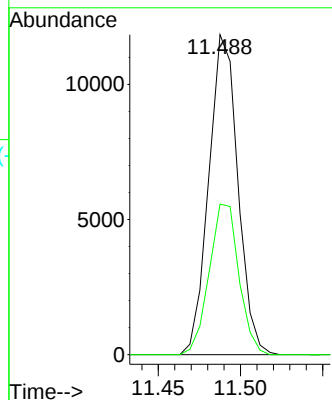
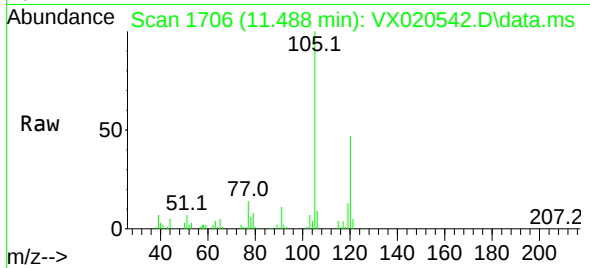
Tgt Ion:105 Resp: 14561
Ion Ratio Lower Upper
105 100
120 48.1 38.0 57.0

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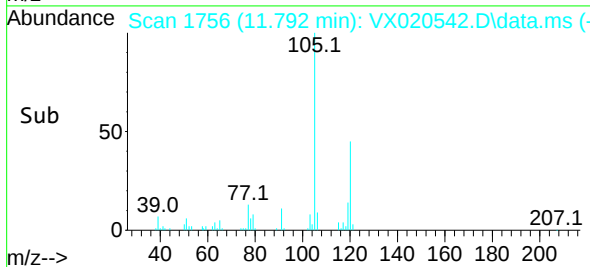
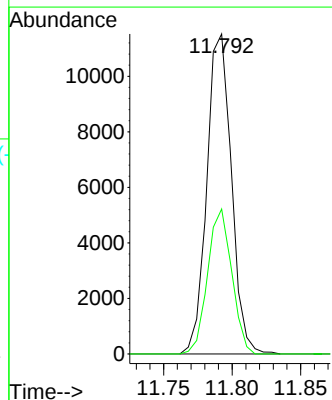
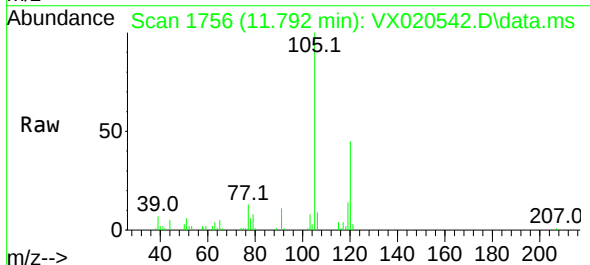
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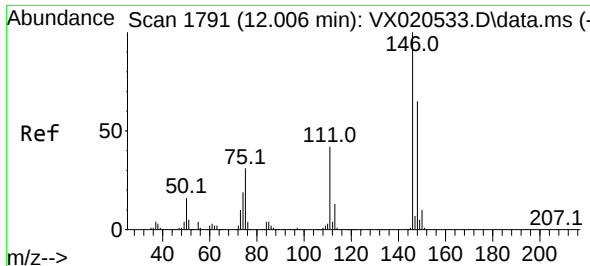
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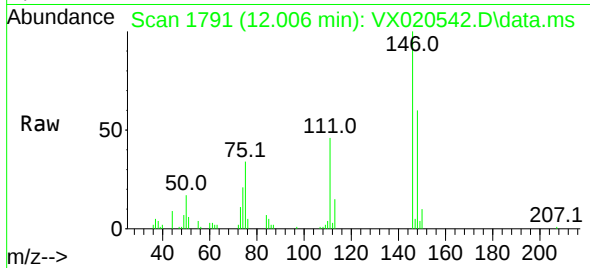
#63
1,2,4-Trimethylbenzene
Concen: 1.82 ug/L
RT: 11.792 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VX020542.D
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Tgt Ion:105 Resp: 14374
Ion Ratio Lower Upper
105 100
120 44.4 36.4 54.6

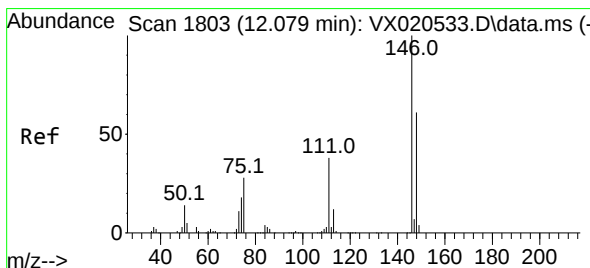
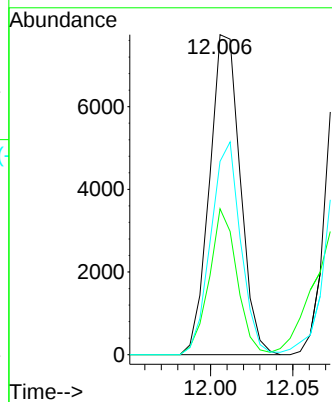
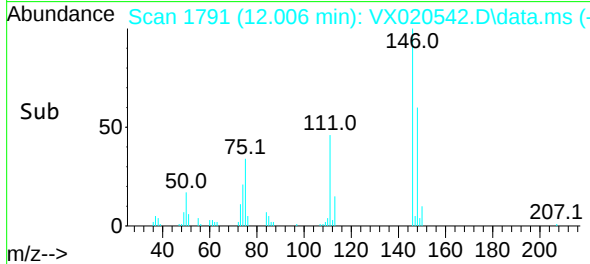




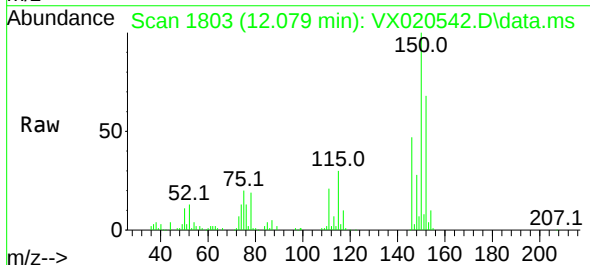
#64
1,3-Dichlorobenzene
Concen: 2.25 ug/L
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39



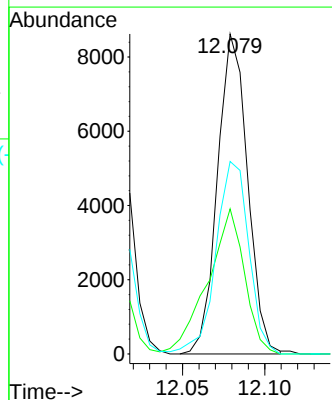
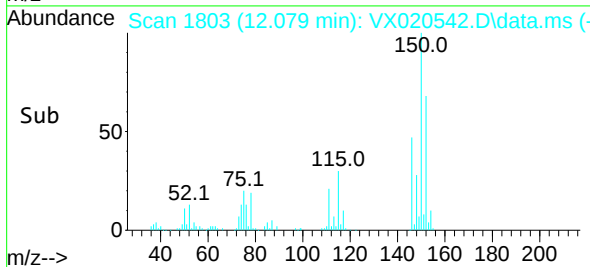
Tgt Ion:146 Resp: 10060
Ion Ratio Lower Upper
146 100
111 45.6 28.9 53.7
148 60.4 47.7 88.7



#65
1,4-Dichlorobenzene
Concen: 2.42 ug/L
RT: 12.079 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VX020542.D
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Tgt Ion:146 Resp: 10954
Ion Ratio Lower Upper
146 100
111 45.3 28.7 53.3
148 60.2 45.8 85.2

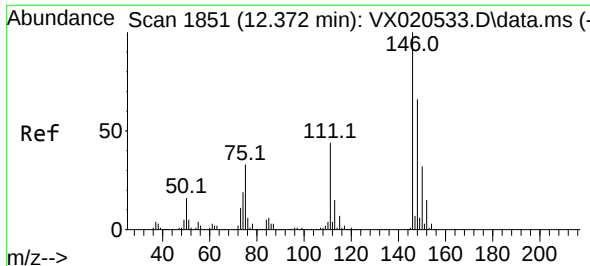


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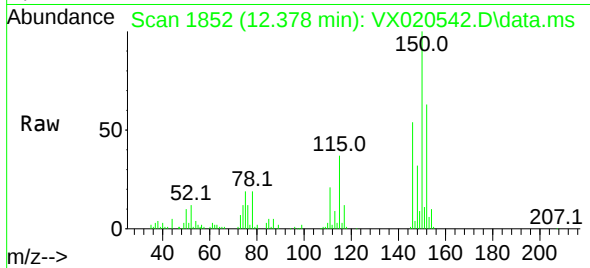
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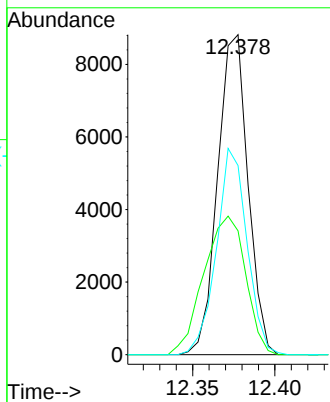
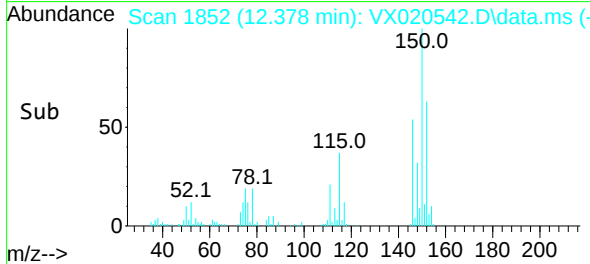
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#67
1,2-Dichlorobenzene
Concen: 2.54 ug/L
RT: 12.378 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39



Tgt Ion:146 Resp: 11352
Ion Ratio Lower Upper
146 100
111 38.7 33.8 50.8
148 59.1 51.4 77.2

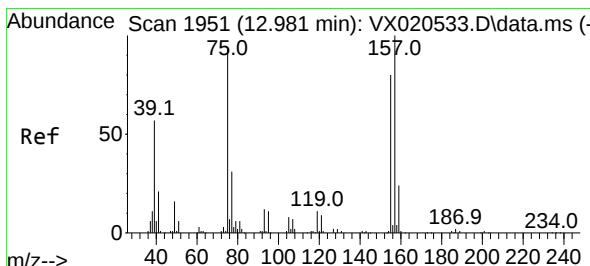


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ClientSampleId :
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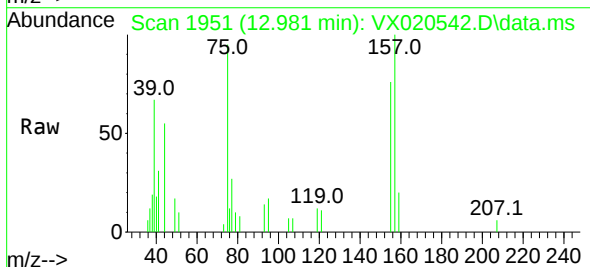
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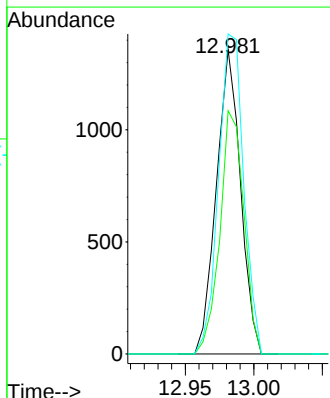
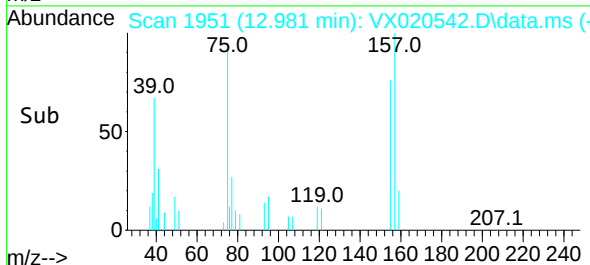
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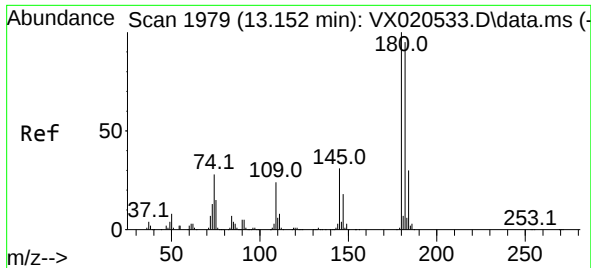


#68
1,2-Dibromo-3-chloropropane
Concen: 2.21 ug/L
RT: 12.981 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39



Tgt Ion: 75 Resp: 1662
Ion Ratio Lower Upper
75 100
155 79.9 65.3 97.9
157 105.2 80.5 120.7





#69
1,3,5-Trichlorobenzene
Concen: 2.34 ug/L
RT: 13.152 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

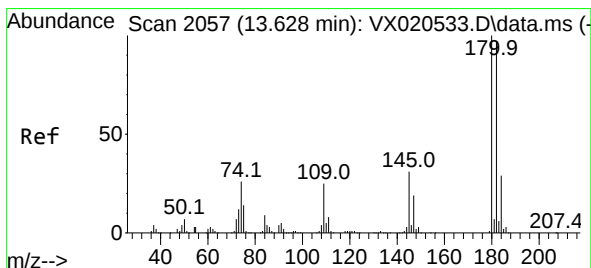
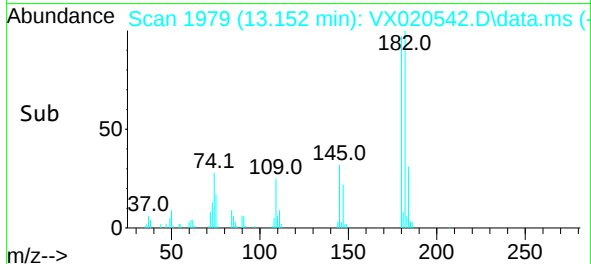
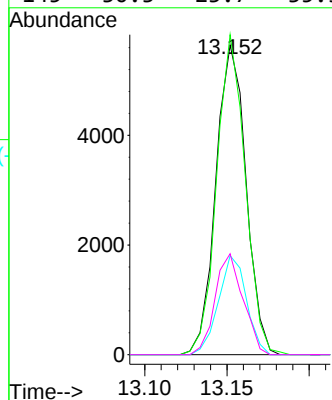
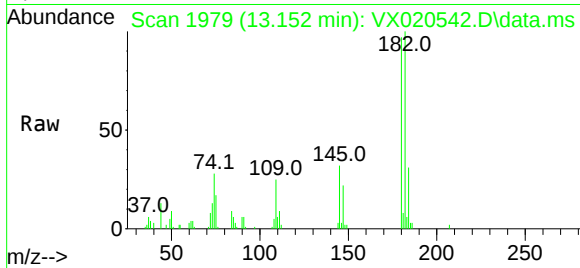
Tgt Ion:	180	Resp:	7202
Ion Ratio	Lower	Upper	
180	100		
182	97.7	74.8	112.2
184	29.7	24.1	36.1
145	30.3	23.7	35.5

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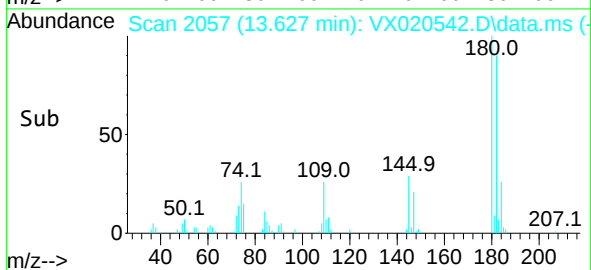
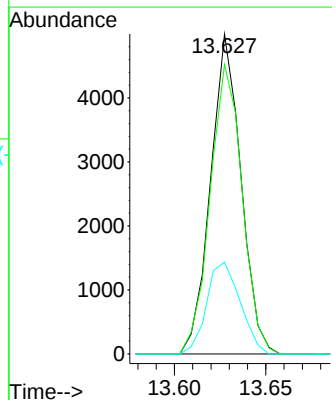
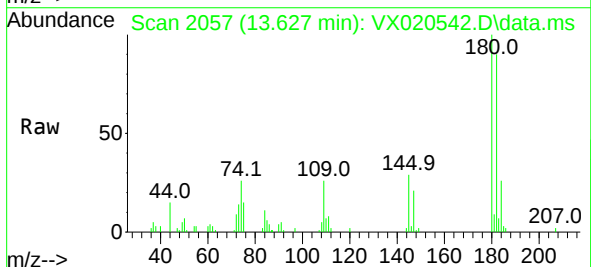
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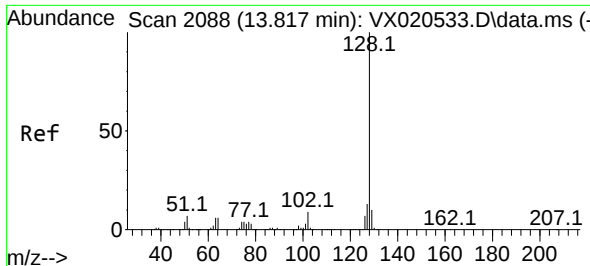
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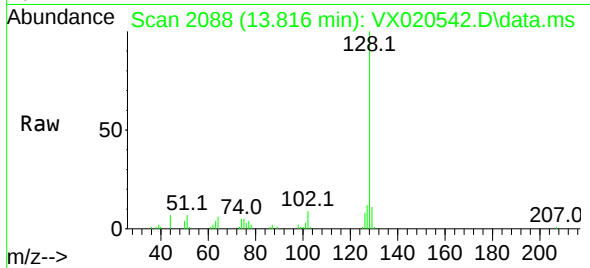
#70
1,2,4-trichlorobenzene
Concen: 2.19 ug/L
RT: 13.627 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39

Tgt Ion:	180	Resp:	5787
Ion Ratio	Lower	Upper	
180	100		
182	95.3	74.3	111.5
145	31.6	24.1	36.1

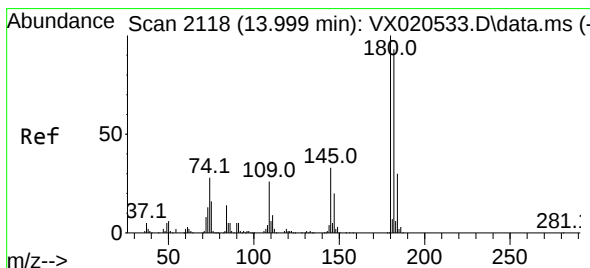
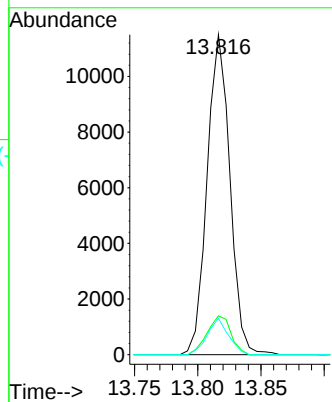
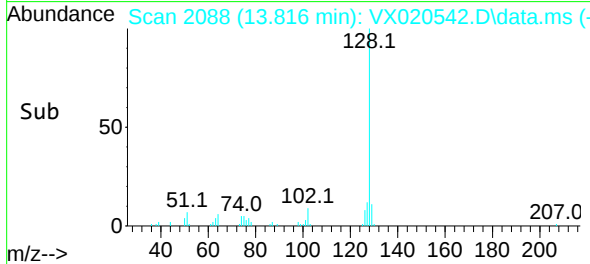




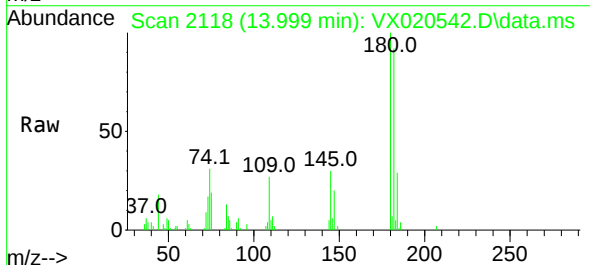
#71
Naphthalene
Concen: 1.65 ug/L
RT: 13.816 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020542.D
Acq: 08 Jan 2021 16:39



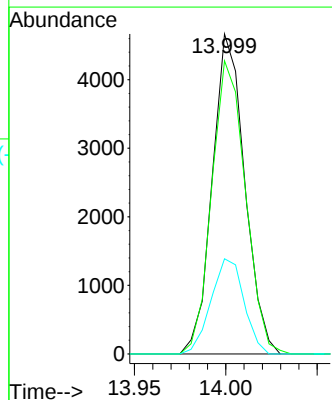
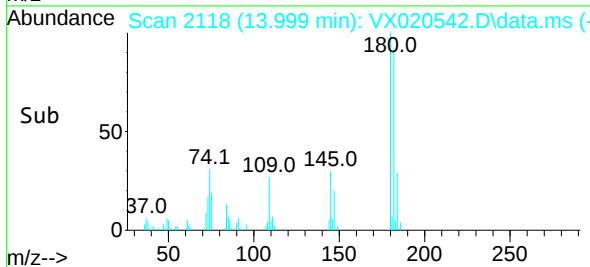
Tgt Ion:128 Resp: 14423
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.6 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 2.11 ug/L
RT: 13.999 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VX020542.D
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Tgt Ion:180 Resp: 5746
Ion Ratio Lower Upper
180 100
182 95.1 74.6 112.0
145 30.4 25.6 38.4



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