

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080321\
 Data File : VW021727.D
 Acq On : 03 Aug 2021 11:50
 Operator : SY/MD
 Sample : M3263-06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT4-2021-08

Manual Integrations
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MMDadoda
 8/4/2021 1:45:35 PM

Quant Time: Aug 04 01:13:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 04 01:10:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	405726	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	375472	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	189193	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	104704	41.093	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.180%
7) Chloroethane-d5	1.558	69	97227	46.266	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.540%
11) 1,1-Dichloroethene-d2	2.105	63	159936	35.095	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.200%
21) 2-Butanone-d5	3.867	46	218759	99.948	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.950%
24) Chloroform-d	4.346	84	251832	46.630	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.260%
26) 1,2-Dichloroethane-d4	5.031	65	158483	49.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.140%
32) Benzene-d6	5.047	84	522259	49.075	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.160%
36) 1,2-Dichloropropane-d6	6.069	67	170814	50.641	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.280%
41) Toluene-d8	7.313	98	478391	48.586	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.180%
43) trans-1,3-Dichloroprop...	7.622	79	79355	47.679	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.360%
47) 2-Hexanone-d5	8.085	63	136596	92.873	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.870%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	209054	47.026	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.060%
66) 1,2-Dichlorobenzene-d4	11.625	152	192140	49.051	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	5119	1.906	ug/L	99
3) Chloromethane	1.240	50	4915	1.857	ug/L	96
5) Vinyl chloride	1.307	62	5106	1.893	ug/L #	70
6) Bromomethane	1.510	94	3628	2.446	ug/L	88
8) Chloroethane	1.577	64	3654	2.215	ug/L	98
9) Trichlorofluoromethane	1.748	101	7746	1.973	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	5758	2.600	ug/L #	82
12) 1,1-Dichloroethene	2.114	96	5194	2.558	ug/L #	1
13) Acetone	2.159	43	5814	4.049	ug/L	99
14) Carbon disulfide	2.291	76	10153	1.866	ug/L	100
15) Methyl Acetate	2.433	43	5691	1.899	ug/L	96
16) Methylene chloride	2.503	84	6428	2.326	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	4370	1.824	ug/L	94
18) Methyl tert-butyl Ether	2.767	73	16236	1.924	ug/L	96
19) 1,1-Dichloroethane	3.191	63	9159	1.960	ug/L	96
20) cis-1,2-Dichloroethene	3.915	96	5459	1.925	ug/L	95
22) 2-Butanone	3.982	43	8704m	4.166	ug/L	
23) Bromochloromethane	4.256	128	2757	1.809	ug/L #	93
25) Chloroform	4.371	83	11889	2.425	ug/L	86

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

27) 1,2-Dichloroethane	5.143	62	7147	2.062	ug/L	95
29) Cyclohexane	4.674	56	7348	1.956	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	8005	1.889	ug/L #	78
31) Carbon tetrachloride	4.831	117	6915	1.896	ug/L #	42
33) Benzene	5.101	78	20926	2.072	ug/L	100
34) Trichloroethene	5.921	95	6044	2.113	ug/L	94
35) Methylcyclohexane	6.130	83	7797	1.999	ug/L	98
37) 1,2-Dichloropropane	6.178	63	5645	2.098	ug/L #	91
38) Bromodichloromethane	6.519	83	6542	1.781	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	7477	1.754	ug/L	84
40) 4-Methyl-2-pentanone	7.230	43	14428	3.681	ug/L	98
42) Toluene	7.394	91	26374	2.423	ug/L	93
44) trans-1,3-Dichloropropene	7.657	75	7628	1.867	ug/L	91
45) 1,1,2-Trichloroethane	7.844	97	5210	1.902	ug/L	95
46) Tetrachloroethene	7.979	164	3986	1.885	ug/L	97
48) 2-Hexanone	8.143	43	23143	7.704	ug/L	98
49) Dibromochloromethane	8.249	129	5373	1.722	ug/L	97
50) 1,2-Dibromoethane	8.358	107	5310	1.824	ug/L	97
51) Chlorobenzene	8.886	112	14120	1.941	ug/L	94
52) Ethylbenzene	9.017	91	21603	1.828	ug/L	97
53) m,p-Xylene	9.143	106	8518	1.857	ug/L	90
54) o-Xylene	9.548	106	8651	1.874	ug/L	97
55) Styrene	9.567	104	13704	1.772	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	8682	2.123	ug/L	91
59) Bromoform	9.734	173	3505	1.602	ug/L #	94
60) Isopropylbenzene	9.934	105	21935	1.877	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	6656	1.979	ug/L	95
62) 1,3,5-Trimethylbenzene	10.542	105	18184	1.838	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	18912	1.878	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	10877	1.931	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	11081	1.955	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	11105	1.930	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.429	75	1280	1.446	ug/L	96
69) 1,3,5-Trichlorobenzene	12.651	180	6859	1.637	ug/L	95
70) 1,2,4-trichlorobenzene	13.268	180	5192	1.469	ug/L	97
71) Naphthalene	13.509	128	11942	1.167	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	5212	1.485	ug/L	98

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

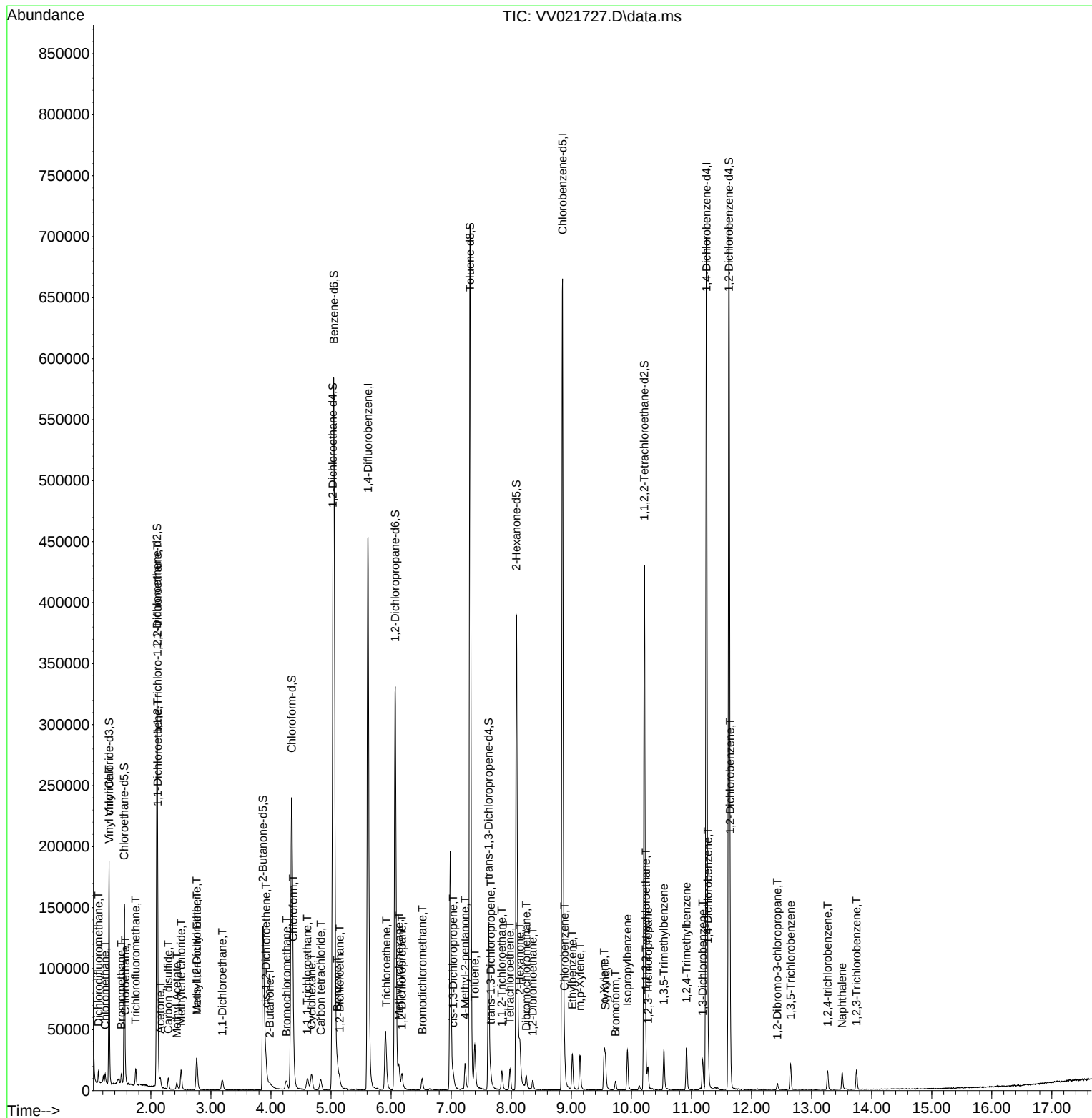
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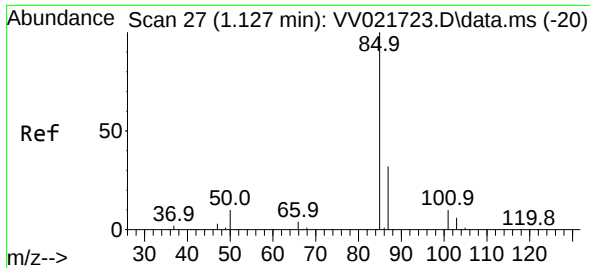
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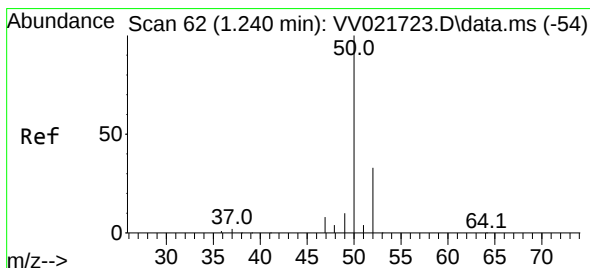
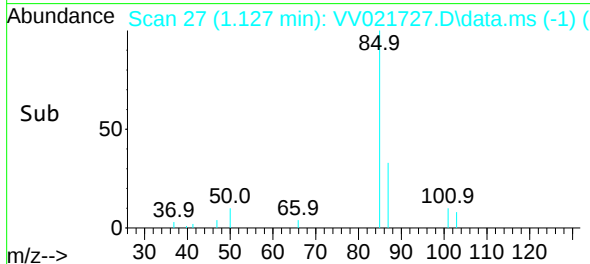
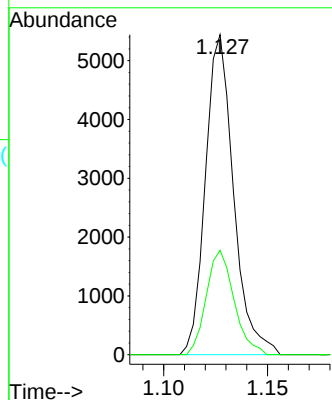
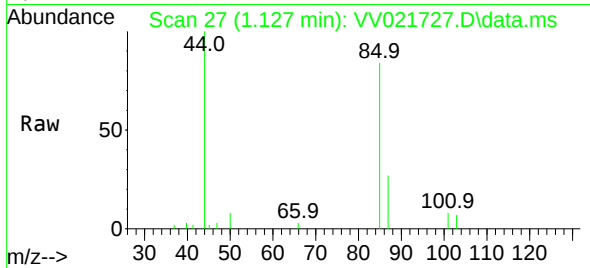
#2
 Dichlorodifluoromethane
 Concen: 1.906 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021727.D
 Acq: 03 Aug 2021 11:50

Tgt Ion: 85 Resp: 5119
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.2 39.4

Instrument :
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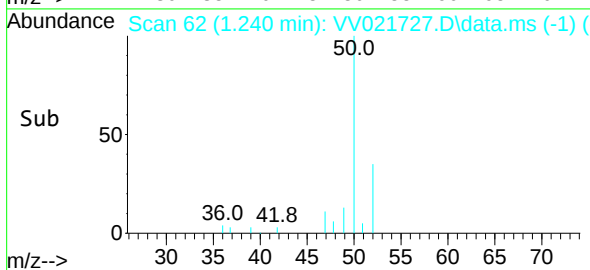
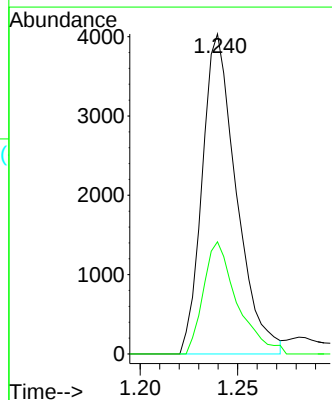
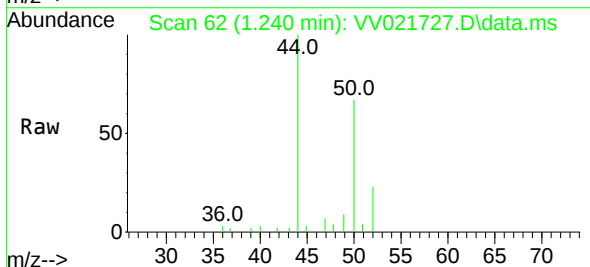
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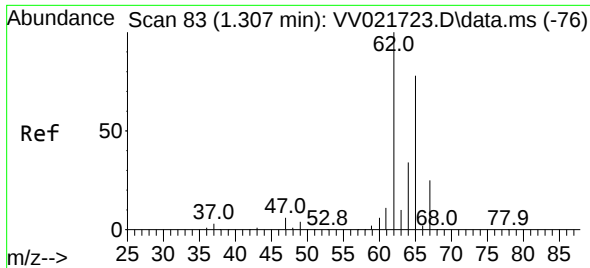
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#3
 Chloromethane
 Concen: 1.857 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021727.D
 Acq: 03 Aug 2021 11:50

Tgt Ion: 50 Resp: 4915
 Ion Ratio Lower Upper
 50 100
 52 35.1 23.1 42.9





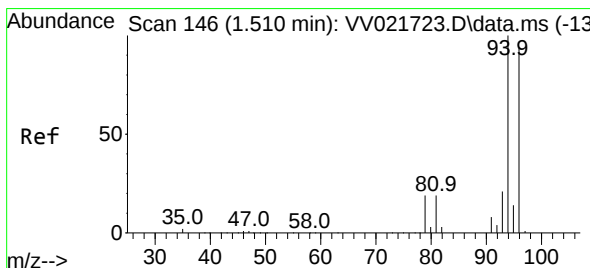
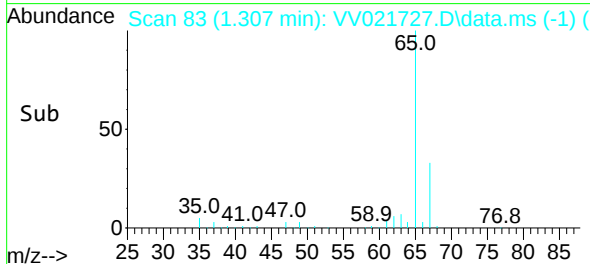
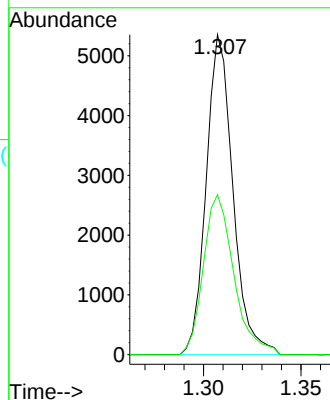
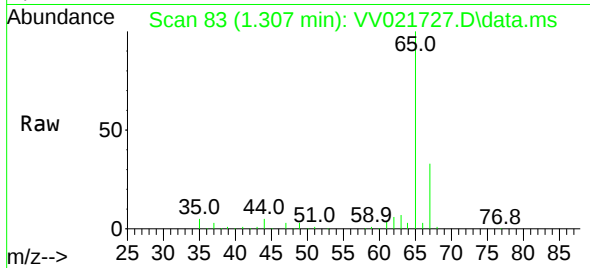
#5
 Vinyl chloride
 Concen: 1.893 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021727.D
 Acq: 03 Aug 2021 11:50

Tgt Ion: 62 Resp: 5106
 Ion Ratio Lower Upper
 62 100
 64 50.0 23.2 43.2#

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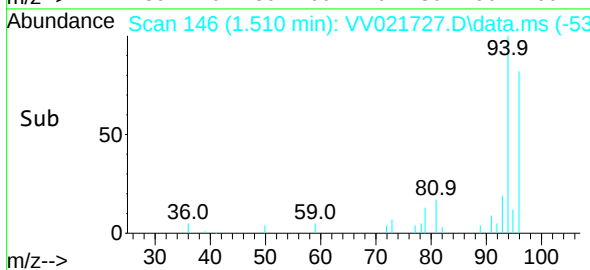
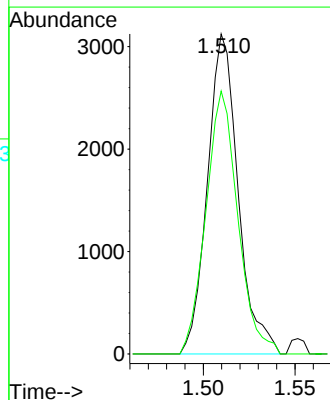
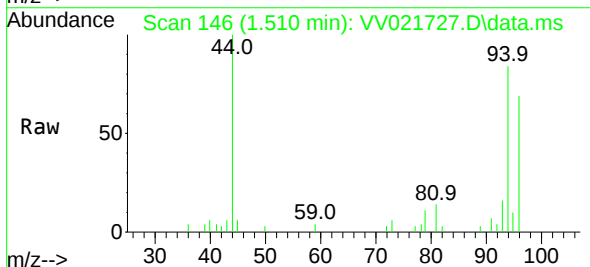
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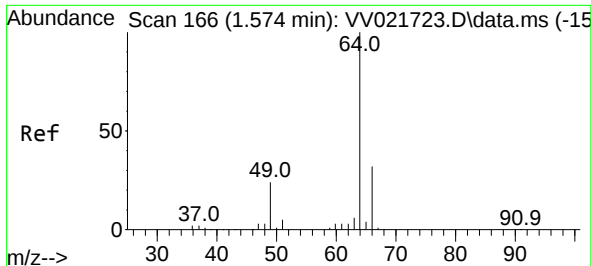
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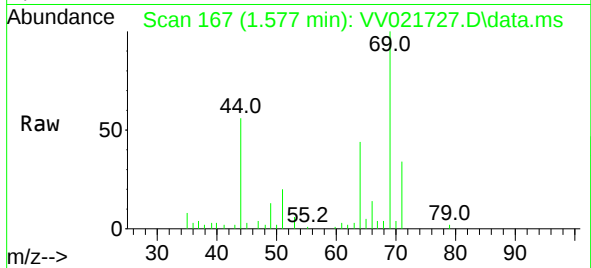
#6
 Bromomethane
 Concen: 2.446 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. -0.000 min
 Lab File: VV021727.D
 Acq: 03 Aug 2021 11:50

Tgt Ion: 94 Resp: 3628
 Ion Ratio Lower Upper
 94 100
 96 82.1 65.4 121.4

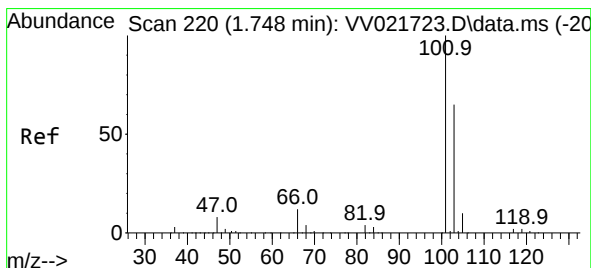
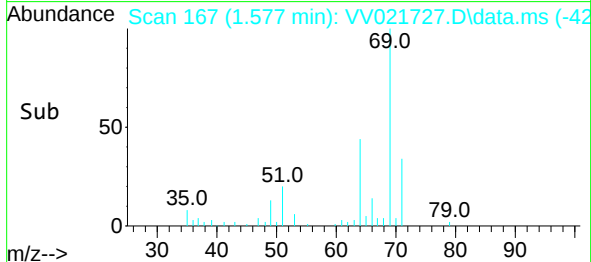
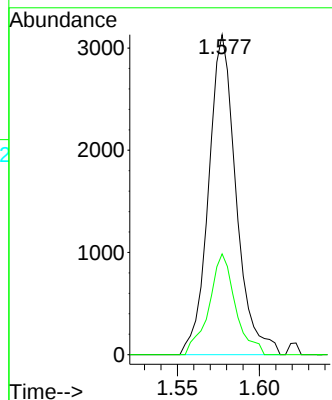




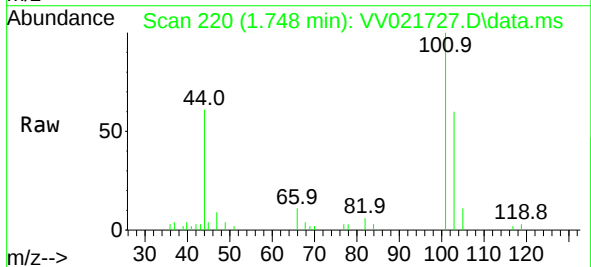
#8
Chloroethane
Concen: 2.215 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.003 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50



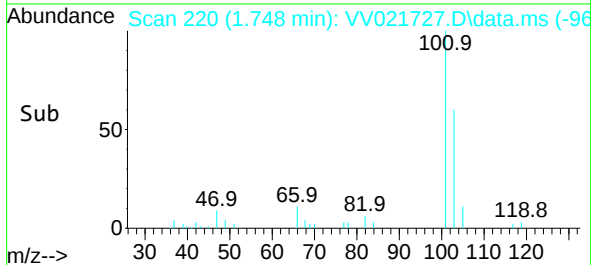
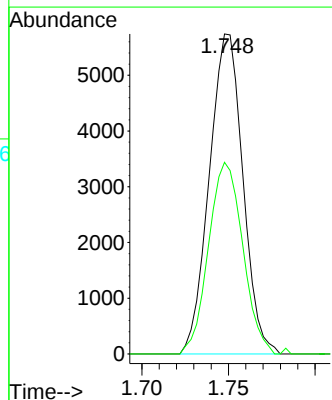
Tgt Ion: 64 Resp: 3654
Ion Ratio Lower Upper
64 100
66 31.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 1.973 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50



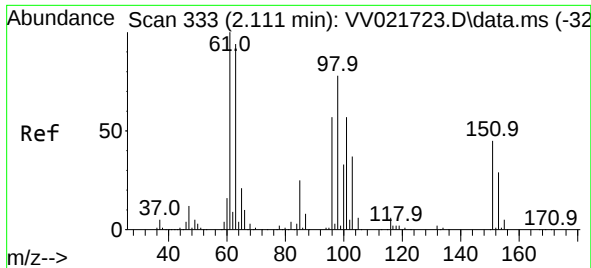
Tgt Ion: 101 Resp: 7746
Ion Ratio Lower Upper
101 100
103 61.0 51.5 77.3



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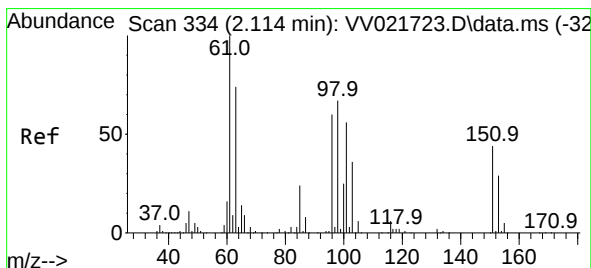
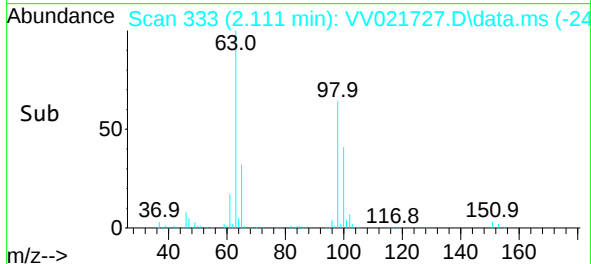
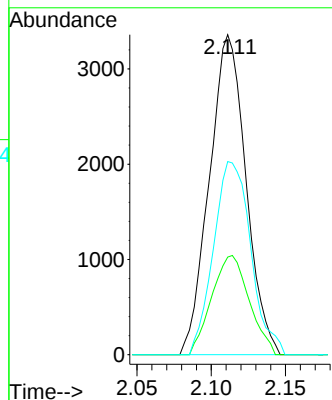
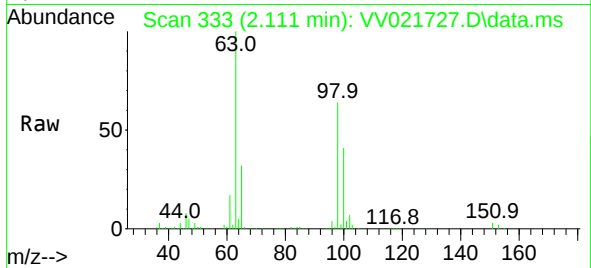
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.600 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
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Tgt Ion:101 Resp: 5758
Ion Ratio Lower Upper
101 100
85 31.8 33.7 50.5#
151 61.5 62.7 94.1#

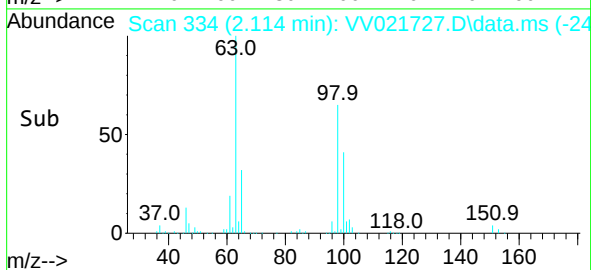
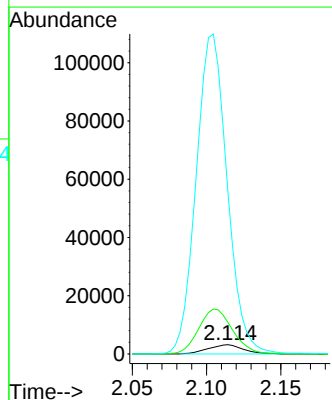
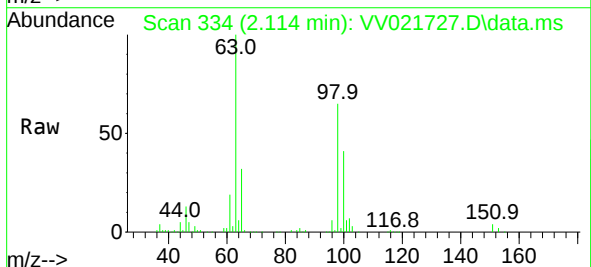
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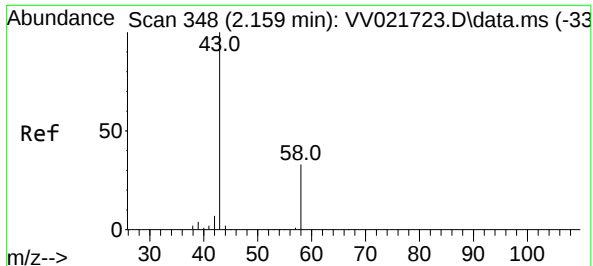
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#12
1,1-Dichloroethene
Concen: 2.558 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion: 96 Resp: 5194
Ion Ratio Lower Upper
96 100
61 342.4 118.2 219.4#
63 1767.3 110.9 205.9#





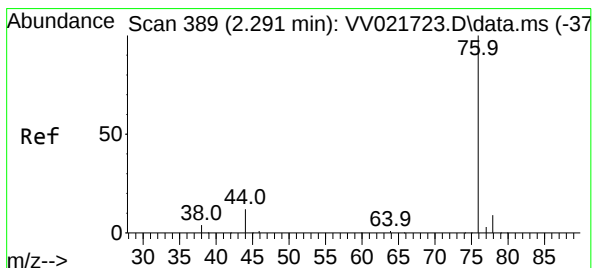
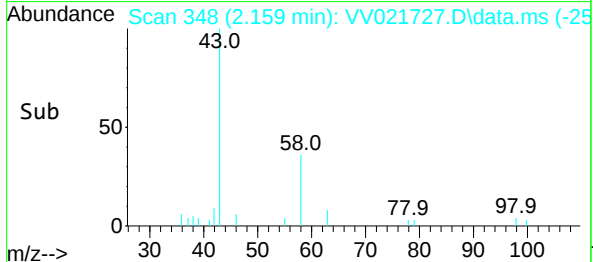
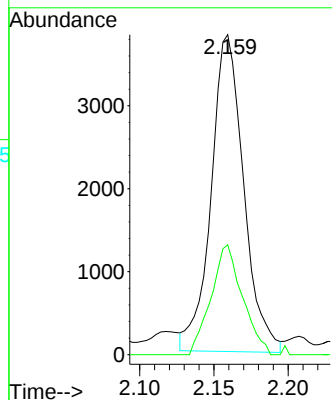
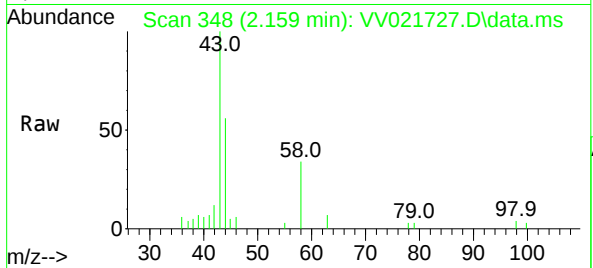
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Acetone
Concen: 4.049 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.000 min
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Tgt Ion: 43 Resp: 5814
Ion Ratio Lower Upper
43 100
58 33.5 0.0 66.2

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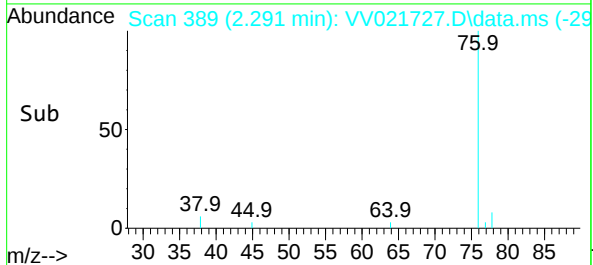
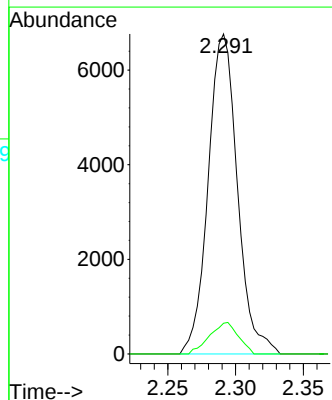
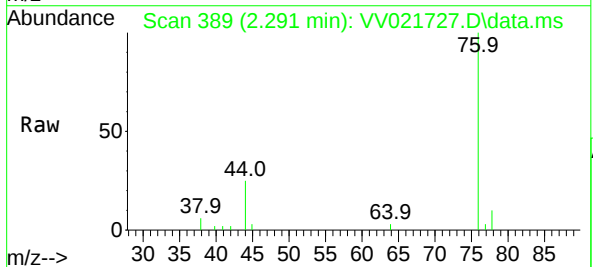
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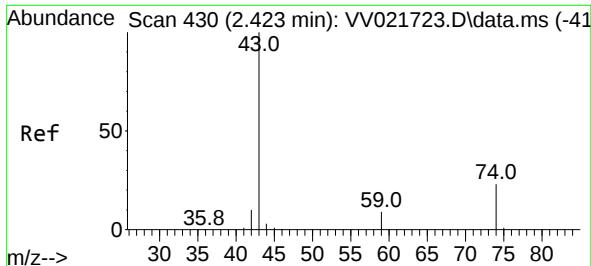
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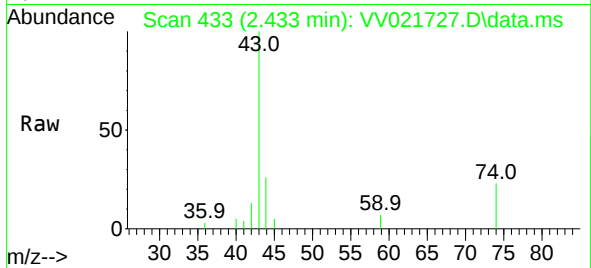
#14
Carbon disulfide
Concen: 1.866 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion: 76 Resp: 10153
Ion Ratio Lower Upper
76 100
78 9.6 7.6 11.4

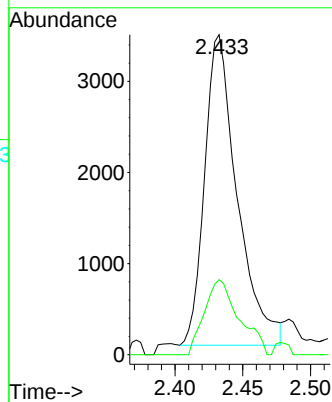
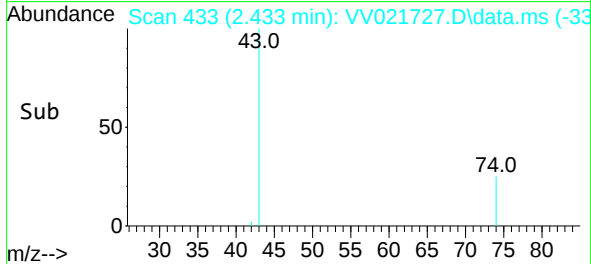




#15
Methyl Acetate
Concen: 1.899 ug/L
RT: 2.433 min Scan# 433
Delta R.T. 0.010 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50



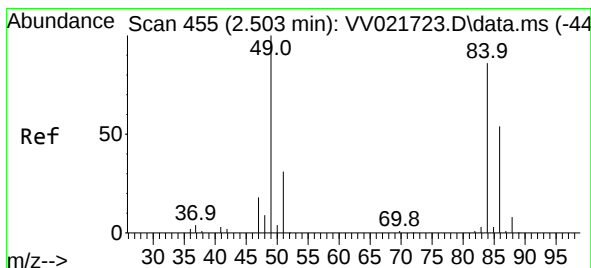
Tgt Ion: 43 Resp: 5691
Ion Ratio Lower Upper
43 100
74 25.8 19.0 28.4



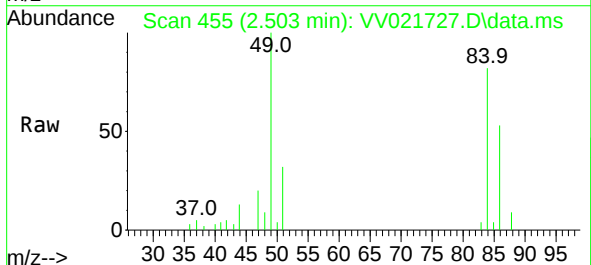
Instrument :
MSVOA_V
ClientSampleId :
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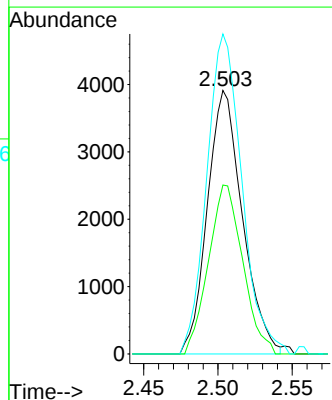
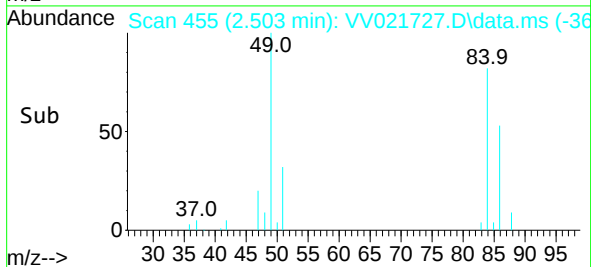
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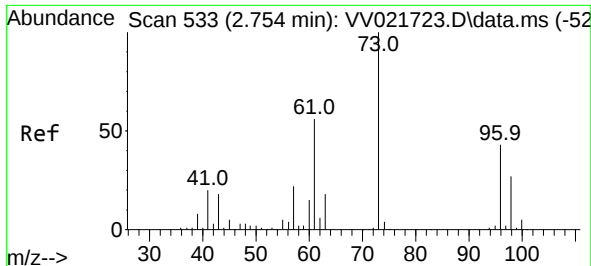


#16
Methylene chloride
Concen: 2.326 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50



Tgt Ion: 84 Resp: 6428
Ion Ratio Lower Upper
84 100
86 64.1 44.2 82.2
49 121.4 83.4 155.0





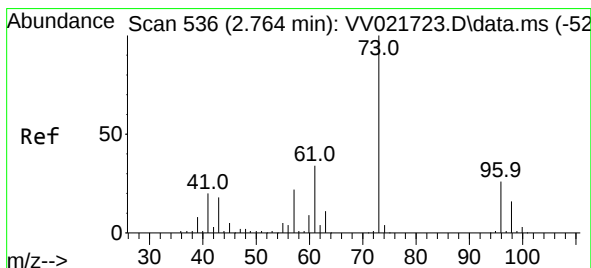
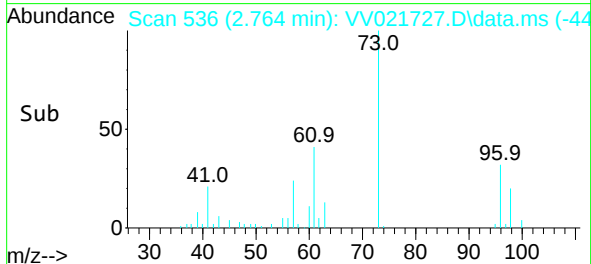
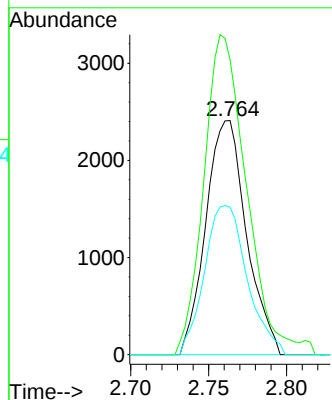
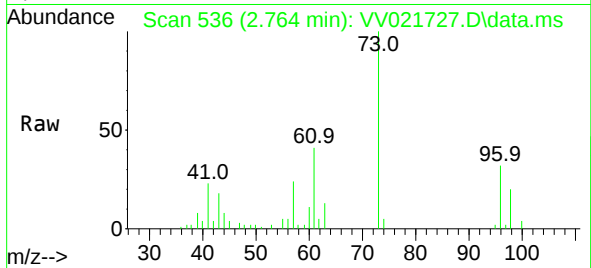
#17
trans-1,2-Dichloroethene
Concen: 1.824 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.010 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion: 96 Resp: 4370
Ion Ratio Lower Upper
96 100
61 125.9 95.1 176.7
98 63.1 43.8 81.3

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

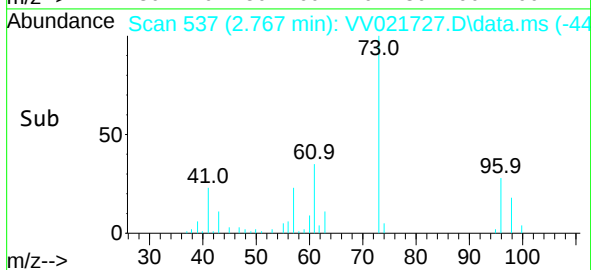
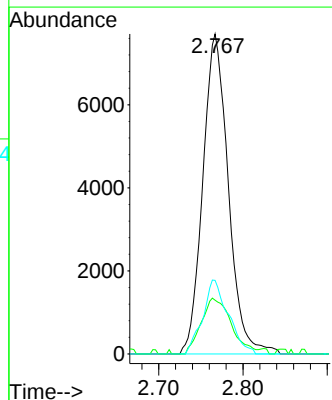
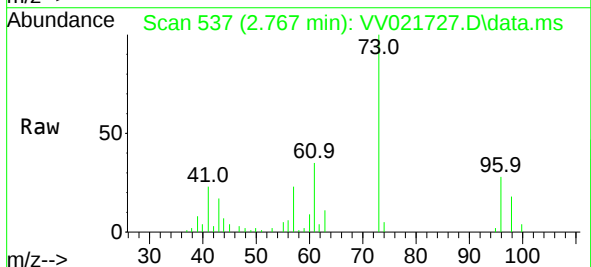
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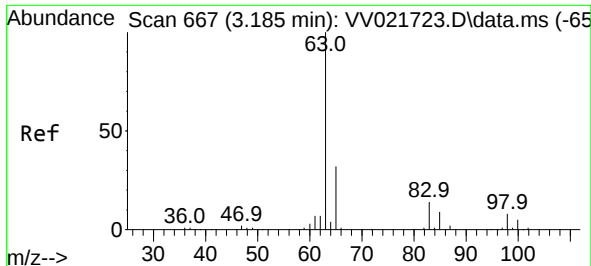
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#18
Methyl tert-butyl Ether
Concen: 1.924 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion: 73 Resp: 16236
Ion Ratio Lower Upper
73 100
43 20.6 14.3 21.5
57 23.1 17.7 26.5





#19

1,1-Dichloroethane

Concen: 1.960 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.006 min

Lab File: VV021727.D

Acq: 03 Aug 2021 11:50

Tgt Ion:	63	Resp:	9159
Ion	Ratio	Lower	Upper
63	100		
65	29.6	22.0	41.0
83	15.8	9.7	18.1

Instrument :

MSVOA_V

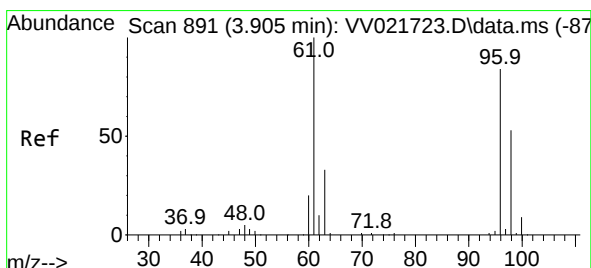
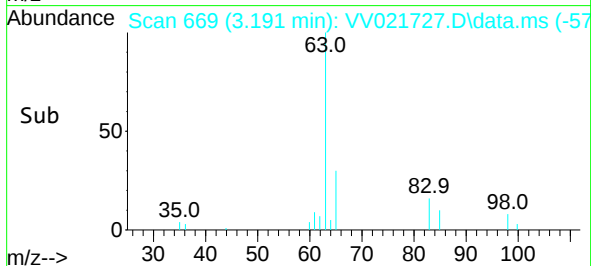
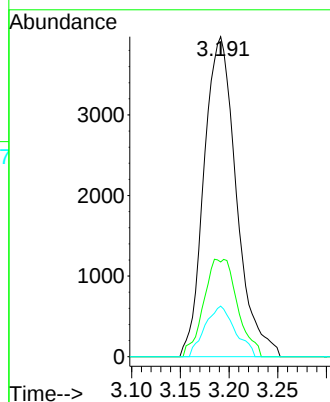
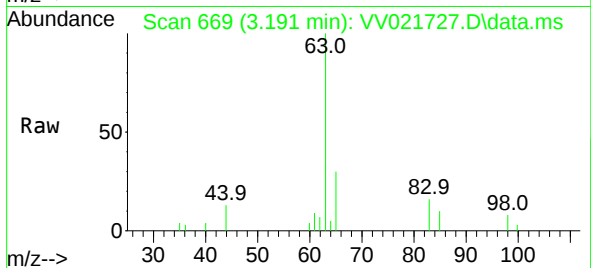
ClientSampleId :

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#20

cis-1,2-Dichloroethene

Concen: 1.925 ug/L

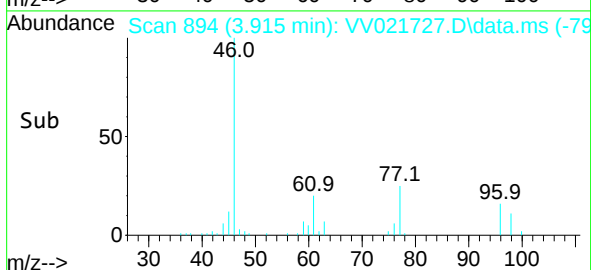
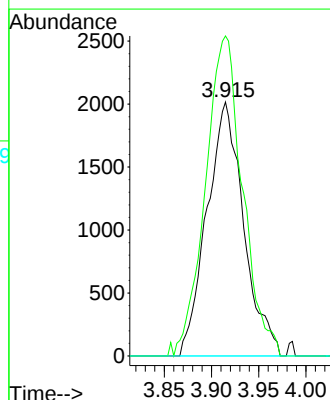
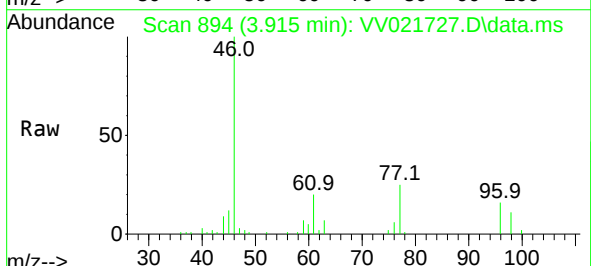
RT: 3.915 min Scan# 894

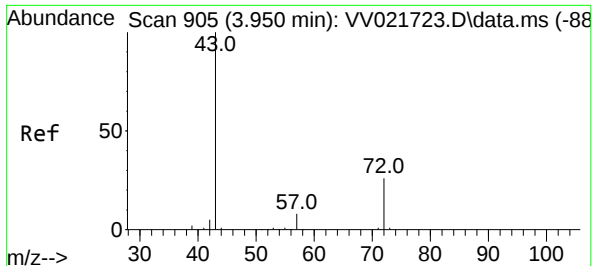
Delta R.T. 0.010 min

Lab File: VV021727.D

Acq: 03 Aug 2021 11:50

Tgt Ion:	96	Resp:	5459
Ion	Ratio	Lower	Upper
96	100		
61	126.0	84.1	156.3
68	0.0	0.0	0.0





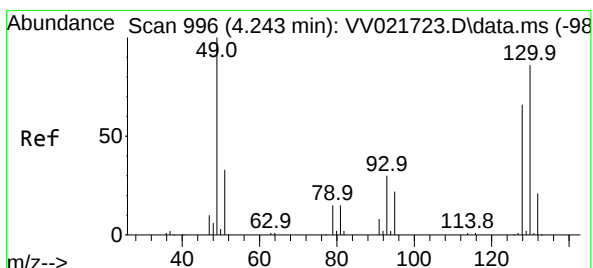
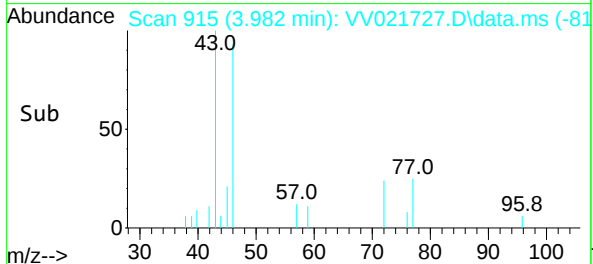
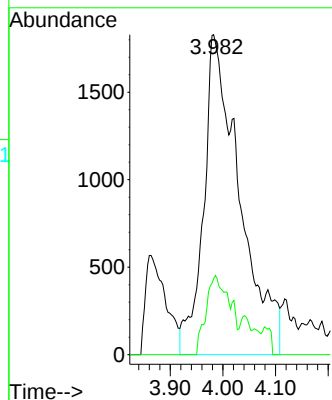
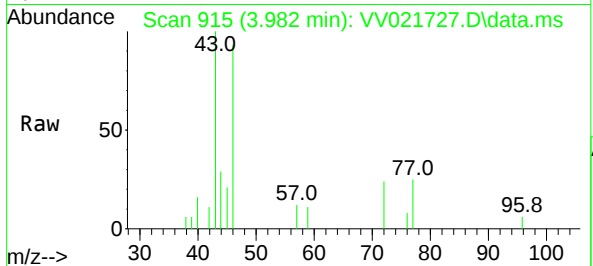
#22
2-Butanone
Concen: 4.166 ug/L m
RT: 3.982 min Scan# 915
Delta R.T. 0.032 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion: 43 Resp: 8704
Ion Ratio Lower Upper
43 100
72 8.7 13.8 41.4#

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

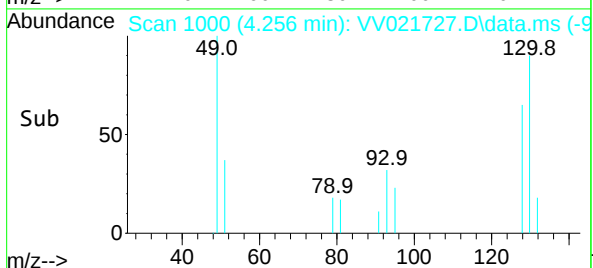
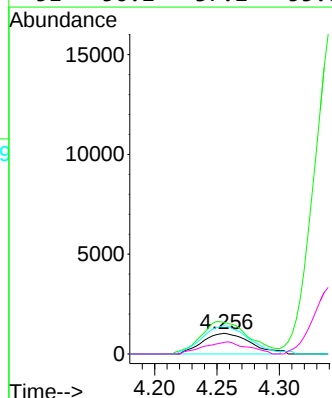
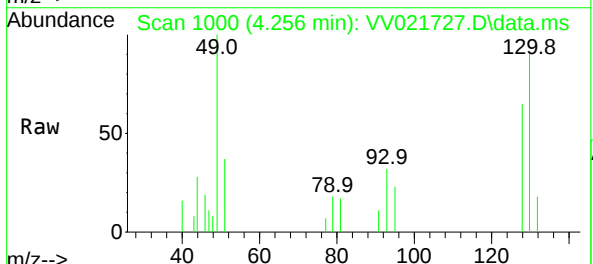
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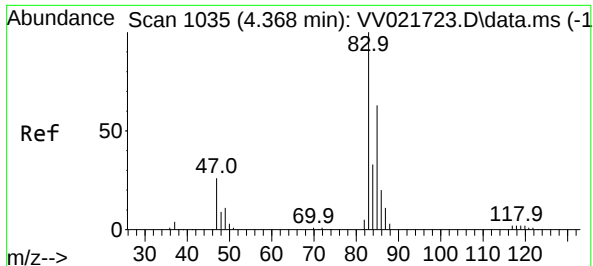
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#23
Bromochloromethane
Concen: 1.809 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.013 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion: 128 Resp: 2757
Ion Ratio Lower Upper
128 100
49 152.9 103.6 192.4
130 137.3 88.8 165.0
51 56.2 37.2 55.8#





#25

Chloroform

Concen: 2.425 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV021727.D

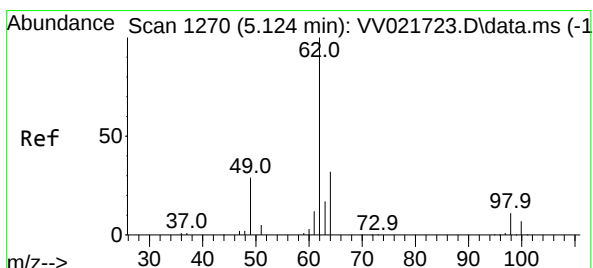
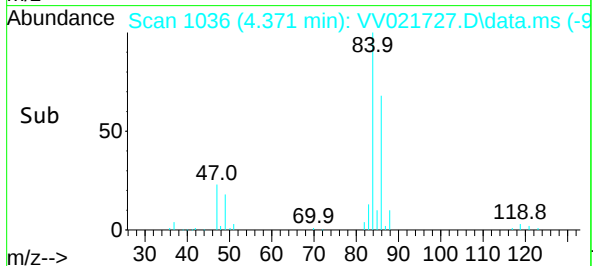
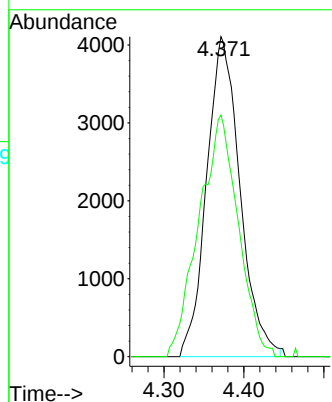
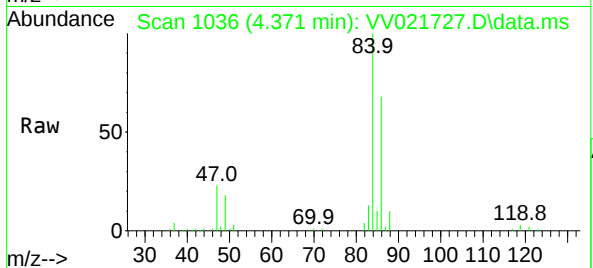
Acq: 03 Aug 2021 11:50

Tgt Ion: 83 Resp: 11889

Ion Ratio Lower Upper

83 100

85 75.5 45.0 83.6



#27

1,2-Dichloroethane

Concen: 2.062 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.019 min

Lab File: VV021727.D

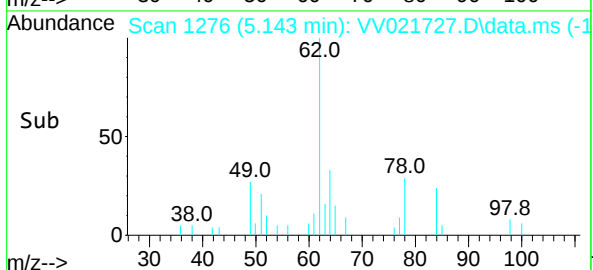
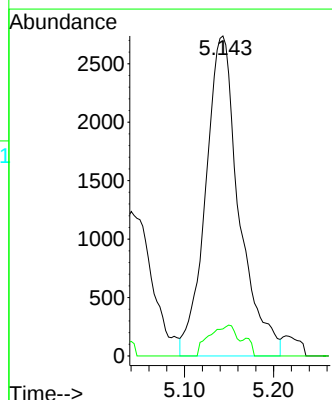
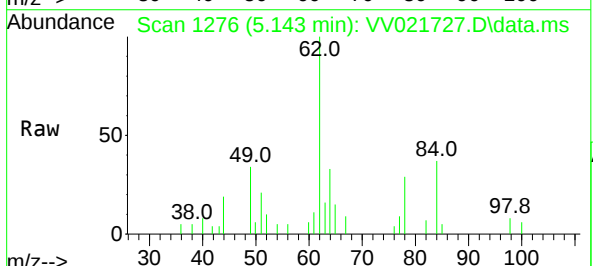
Acq: 03 Aug 2021 11:50

Tgt Ion: 62 Resp: 7147

Ion Ratio Lower Upper

62 100

98 8.4 8.3 12.5



Instrument :

MSVOA_V

ClientSampleId :

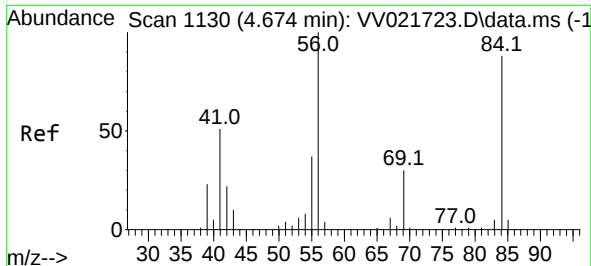
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#29

Cyclohexane

Concen: 1.956 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VV021727.D

Acq: 03 Aug 2021 11:50

Tgt Ion: 56 Resp: 7348

Ion Ratio Lower Upper

56 100

69 32.0 25.1 37.7

84 90.9 71.7 107.5

Instrument :

MSVOA_V

ClientSampleId :

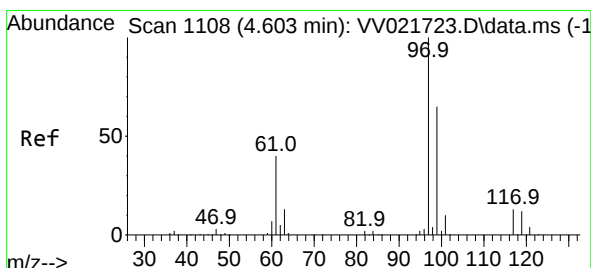
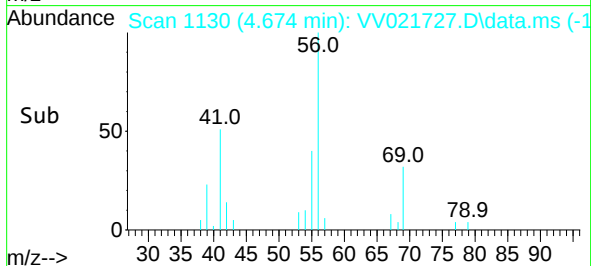
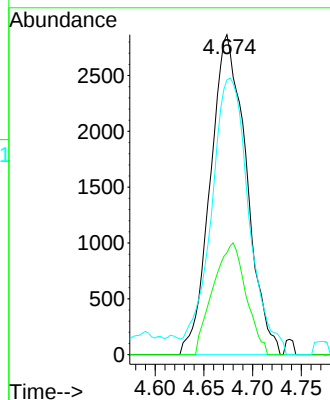
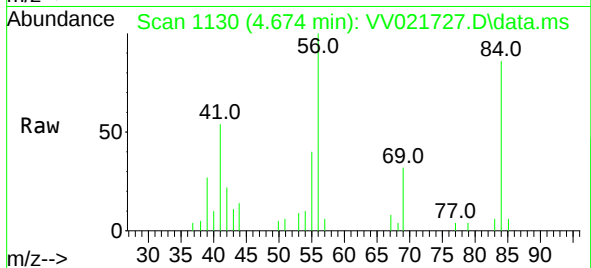
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#30

1,1,1-Trichloroethane

Concen: 1.889 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV021727.D

Acq: 03 Aug 2021 11:50

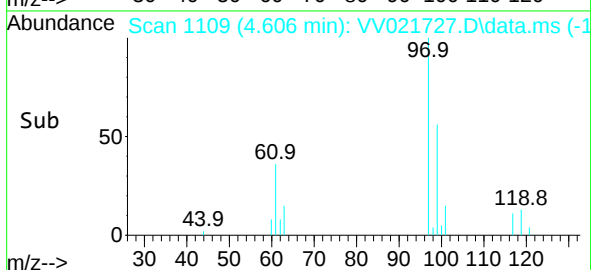
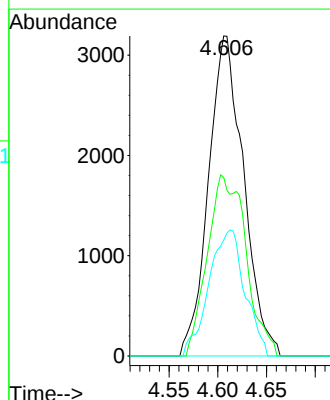
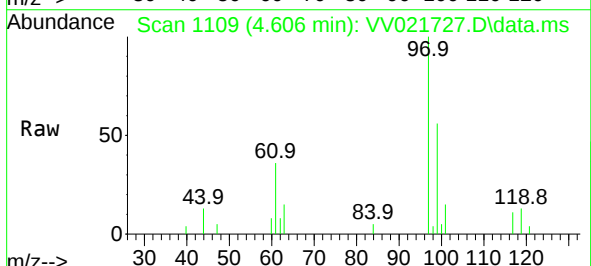
Tgt Ion: 97 Resp: 8005

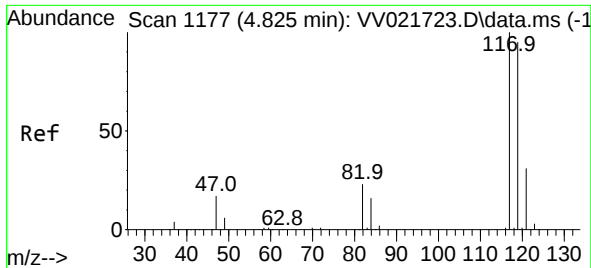
Ion Ratio Lower Upper

97 100

99 36.5 52.0 78.0#

61 40.3 32.6 49.0





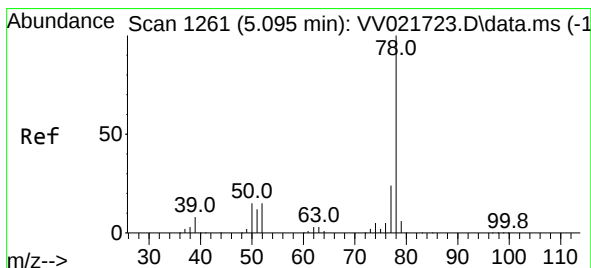
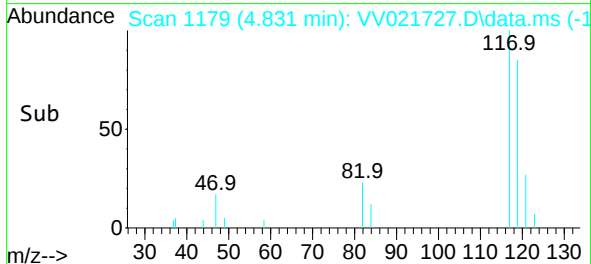
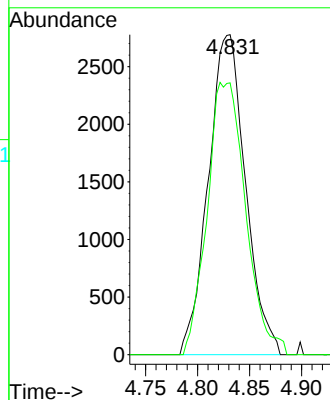
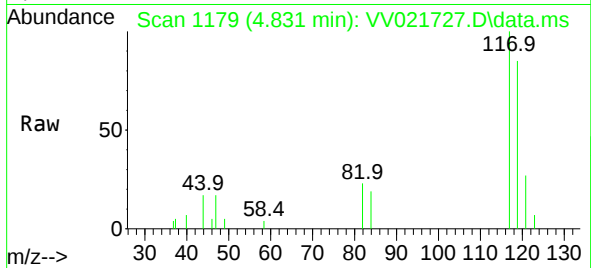
#31
Carbon tetrachloride
Concen: 1.896 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

Tgt Ion:117 Resp: 6915
Ion Ratio Lower Upper
117 100
119 40.1 77.7 116.5#

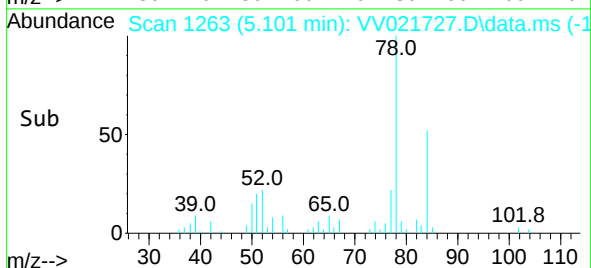
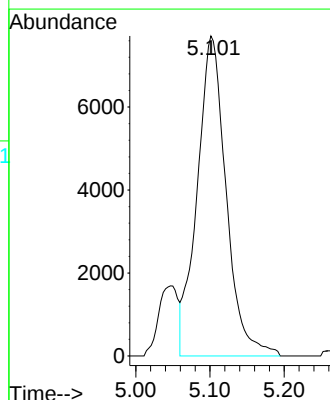
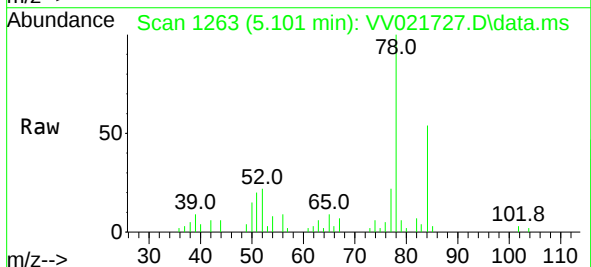
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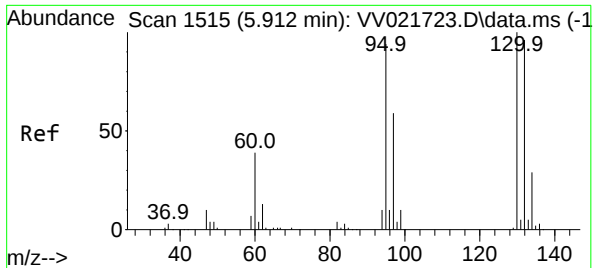
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#33
Benzene
Concen: 2.072 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion: 78 Resp: 20926





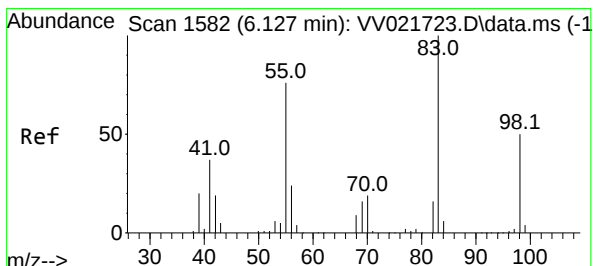
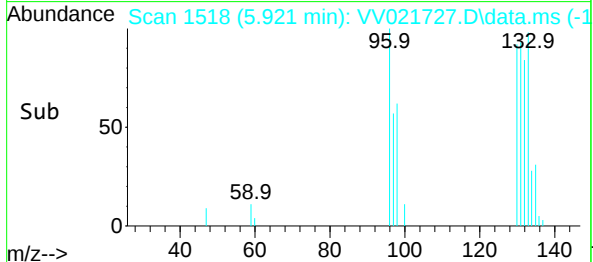
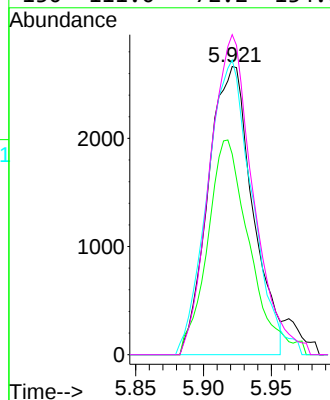
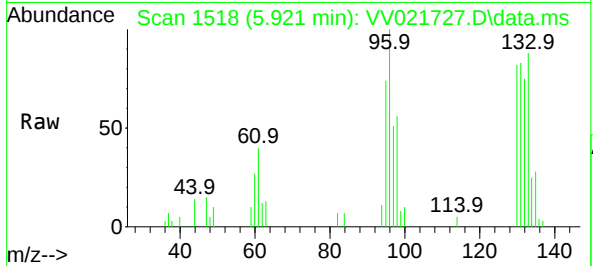
#34
Trichloroethene
Concen: 2.113 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion: 95	Resp: 6044
Ion Ratio	Lower Upper
95 100	
97 69.6	43.5 80.7
132 102.3	70.6 131.2
130 111.0	72.2 134.0

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

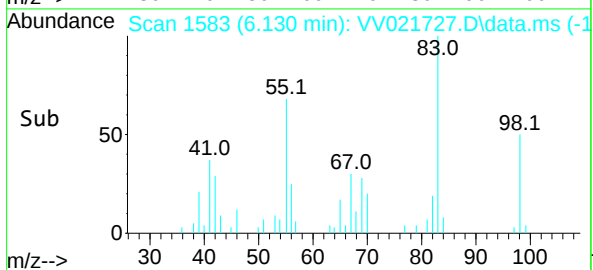
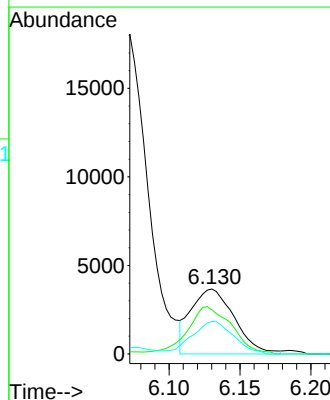
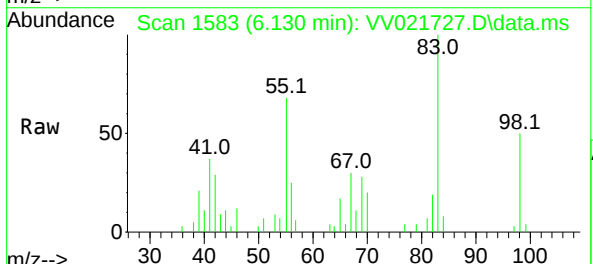
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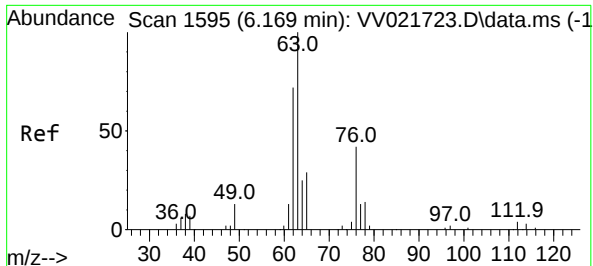
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#35
Methylcyclohexane
Concen: 1.999 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion: 83	Resp: 7797
Ion Ratio	Lower Upper
83 100	
55 74.4	59.1 88.7
98 47.5	40.8 61.2





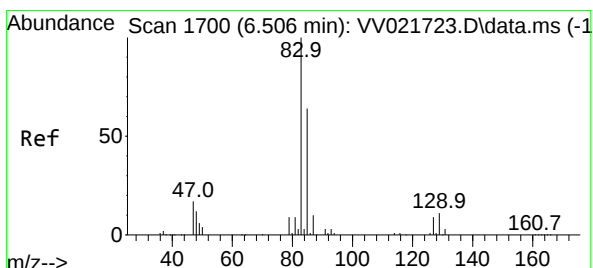
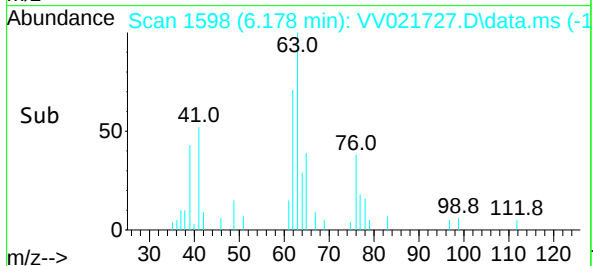
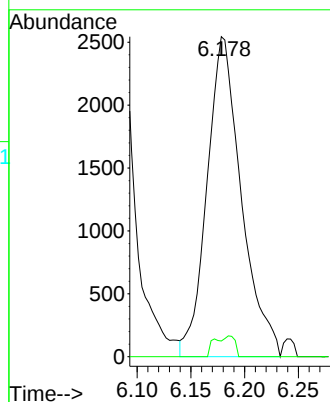
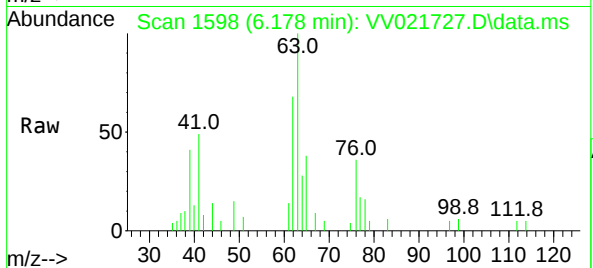
#37
1,2-Dichloropropane
Concen: 2.098 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.010 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion: 63 Resp: 5645
Ion Ratio Lower Upper
63 100
112 1.8 3.8 5.8#

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

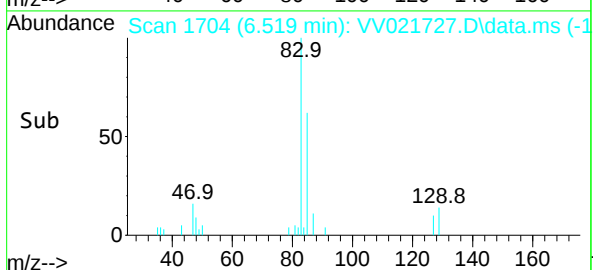
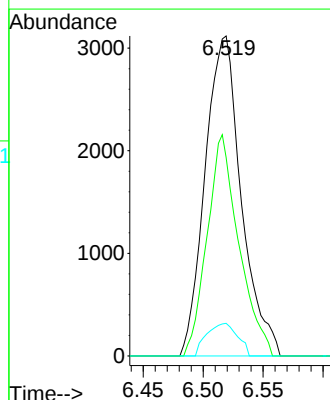
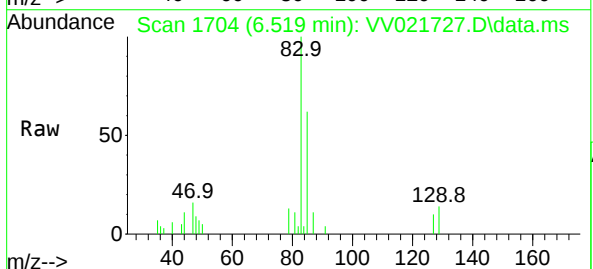
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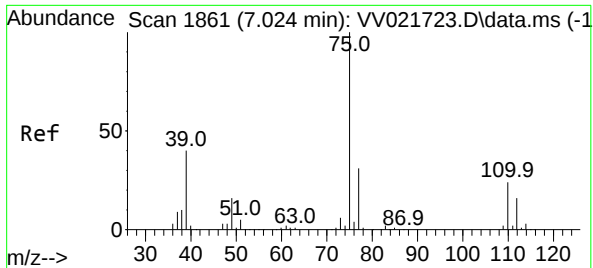
MMDadoda
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#38
Bromodichloromethane
Concen: 1.781 ug/L
RT: 6.519 min Scan# 1704
Delta R.T. 0.013 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion: 83 Resp: 6542
Ion Ratio Lower Upper
83 100
85 62.1 45.8 85.2
127 10.2 7.1 10.7





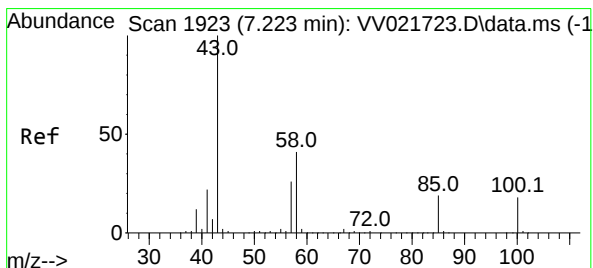
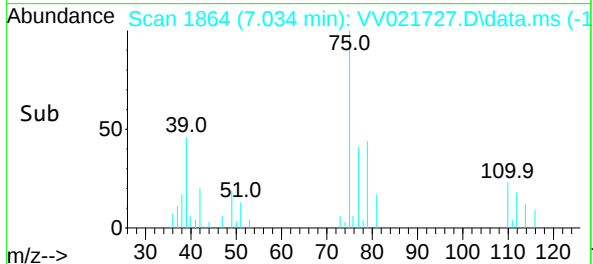
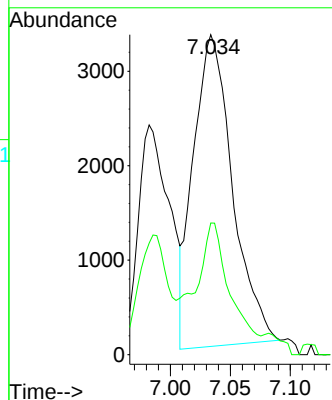
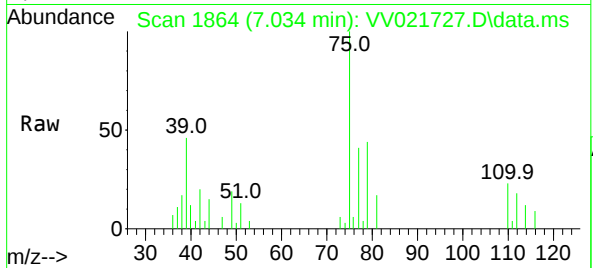
#39
 cis-1,3-Dichloropropene
 Concen: 1.754 ug/L
 RT: 7.034 min Scan# 1864
 Delta R.T. 0.010 min
 Lab File: VV021727.D
 Acq: 03 Aug 2021 11:50

Tgt Ion: 75 Resp: 7477
 Ion Ratio Lower Upper
 75 100
 77 41.2 22.4 41.6

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT4-2021-08

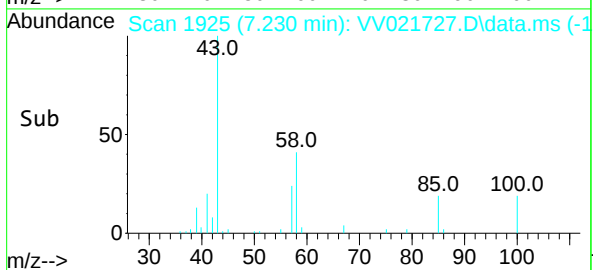
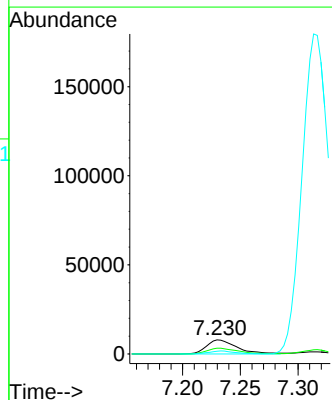
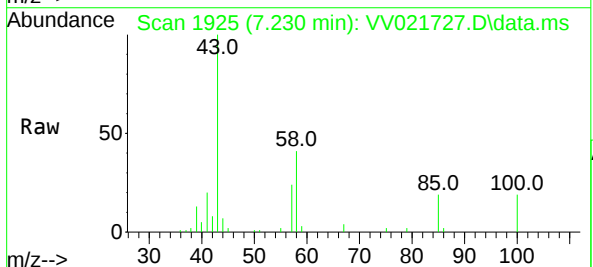
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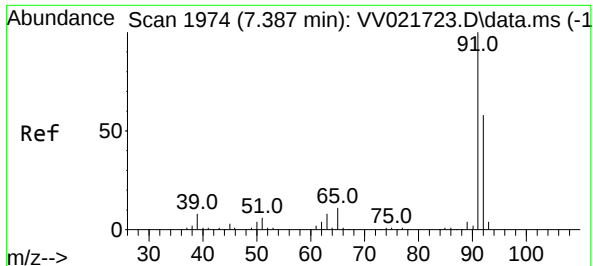
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#40
 4-Methyl-2-pentanone
 Concen: 3.681 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.006 min
 Lab File: VV021727.D
 Acq: 03 Aug 2021 11:50

Tgt Ion: 43 Resp: 14428
 Ion Ratio Lower Upper
 43 100
 58 41.9 32.9 49.3
 100 18.9 13.8 20.8





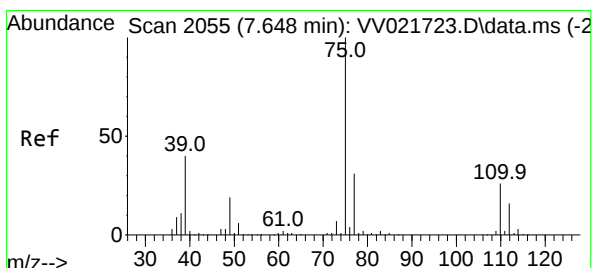
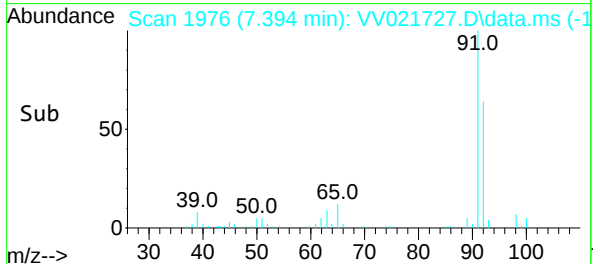
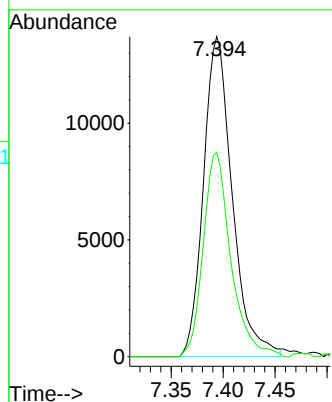
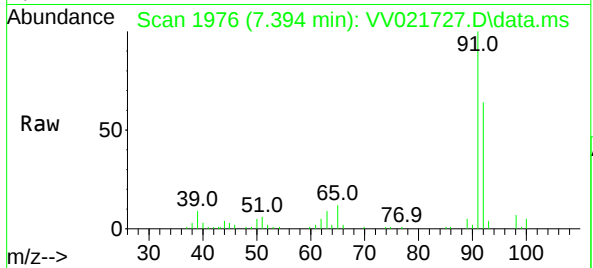
#42
Toluene
Concen: 2.423 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion: 91 Resp: 26374
Ion Ratio Lower Upper
91 100
92 63.9 40.9 76.0

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

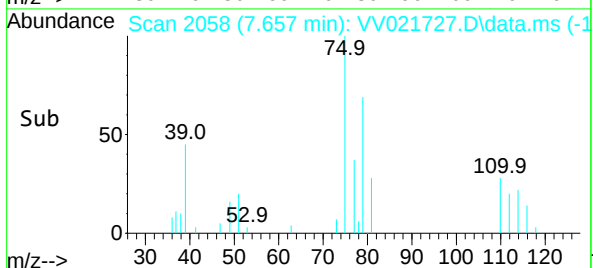
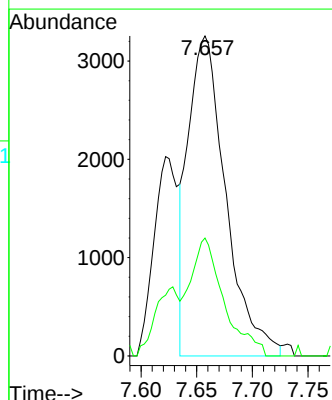
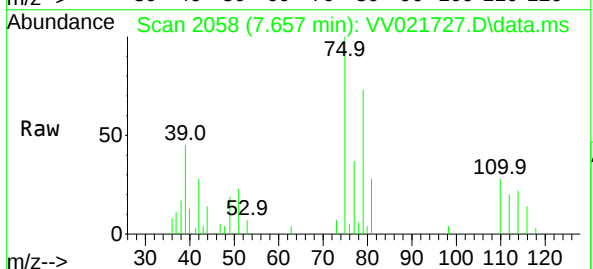
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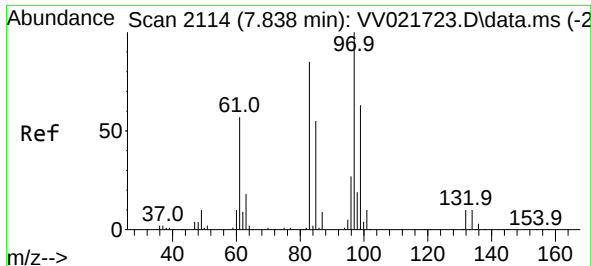
MMDadoda
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#44
trans-1,3-Dichloropropene
Concen: 1.867 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.010 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion: 75 Resp: 7628
Ion Ratio Lower Upper
75 100
77 36.9 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 1.902 ug/L

RT: 7.844 min Scan# 2116

Delta R.T. 0.006 min

Lab File: VV021727.D

Acq: 03 Aug 2021 11:50

Tgt Ion: 97 Resp: 5210

Ion Ratio Lower Upper

97 100

99 56.6 43.8 81.3

83 80.0 59.3 110.1

85 52.2 37.5 69.6

Instrument :

MSVOA_V

ClientSampleId :

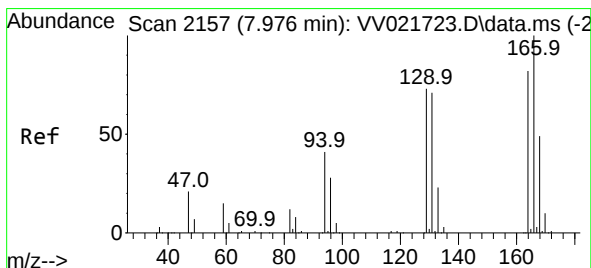
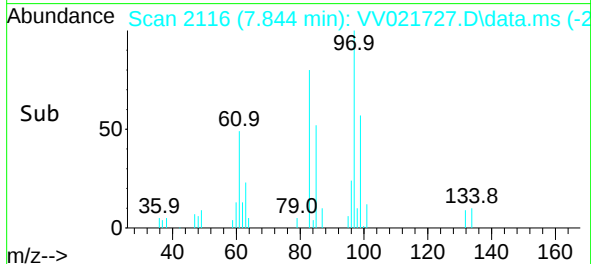
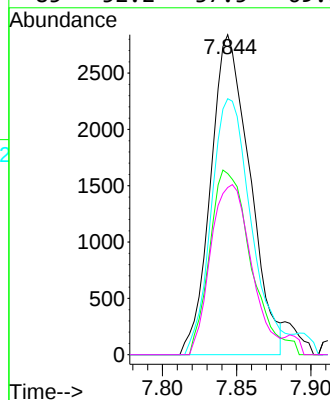
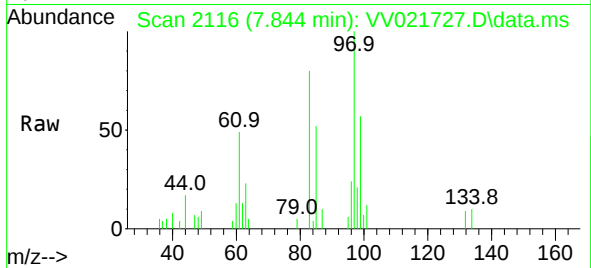
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#46

Tetrachloroethene

Concen: 1.885 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV021727.D

Acq: 03 Aug 2021 11:50

Tgt Ion: 164 Resp: 3986

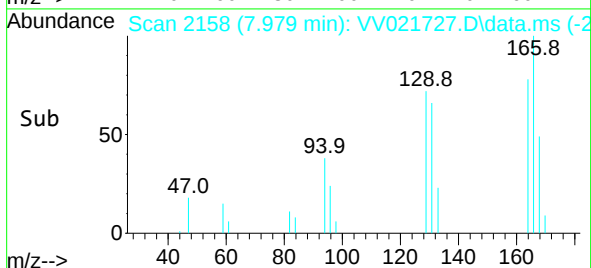
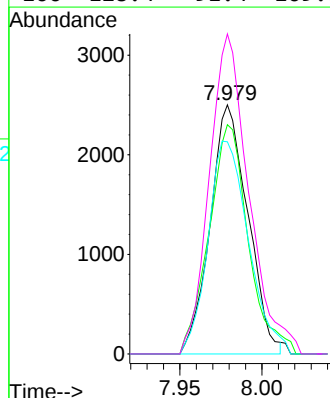
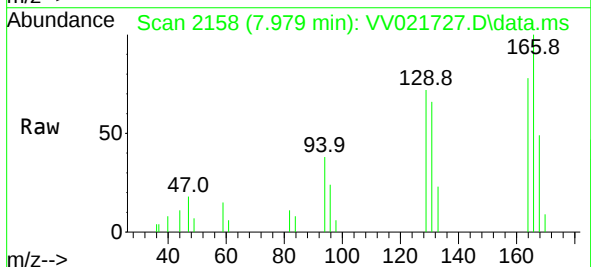
Ion Ratio Lower Upper

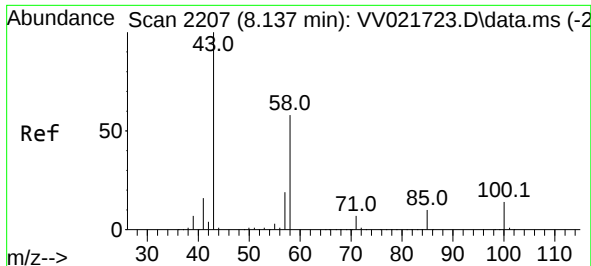
164 100

129 92.0 64.3 119.5

131 85.1 65.2 121.0

166 128.4 91.4 169.8





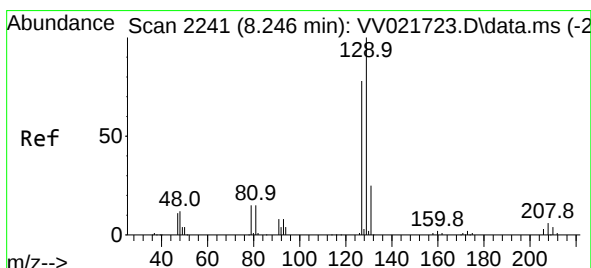
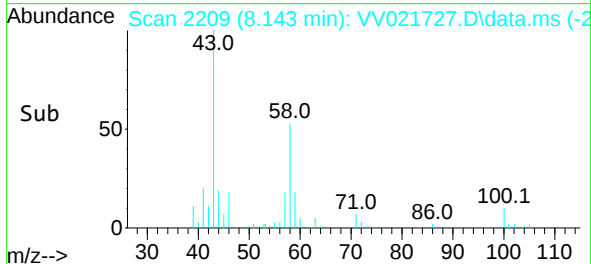
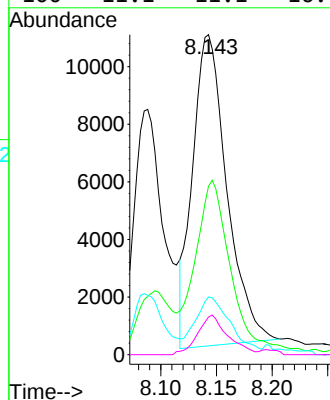
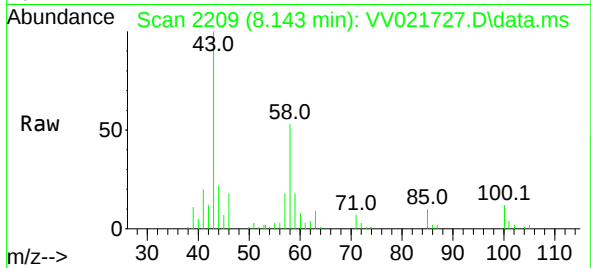
#48
2-Hexanone
Concen: 7.704 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion:	43	Resp:	23143
Ion Ratio	Lower	Upper	
43	100		
58	58.1	46.0	69.0
57	17.8	15.0	22.4
100	11.1	11.1	16.7

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

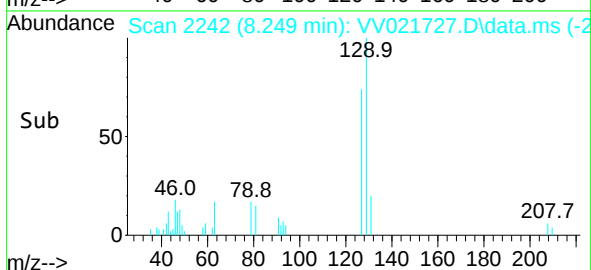
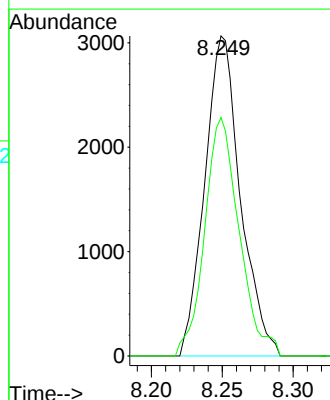
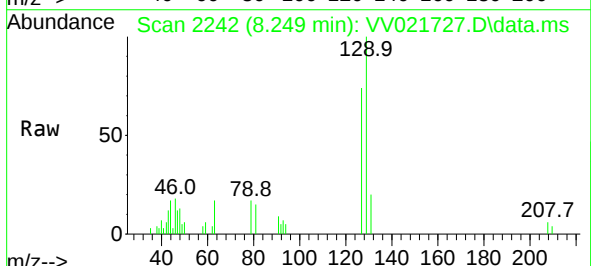
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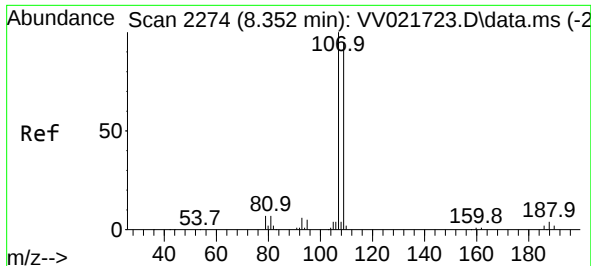
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#49
Dibromochloromethane
Concen: 1.722 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion:	129	Resp:	5373
Ion Ratio	Lower	Upper	
129	100		
127	74.5	54.0	100.2





#50

1,2-Dibromoethane

Concen: 1.824 ug/L

RT: 8.358 min Scan# 2276

Delta R.T. 0.006 min

Lab File: VV021727.D

Acq: 03 Aug 2021 11:50

Tgt Ion:	107	Resp:	5310
Ion	Ratio	Lower	Upper
107	100		
109	91.5	66.2	123.0
188	4.5	3.1	4.7

Instrument :

MSVOA_V

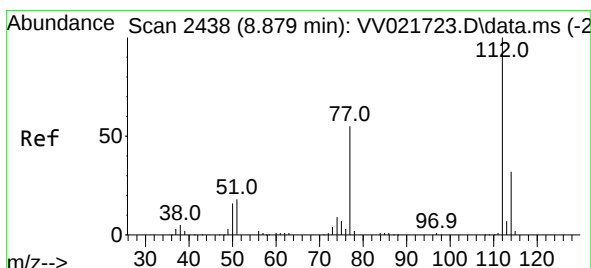
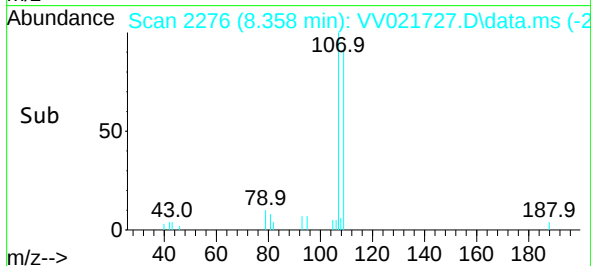
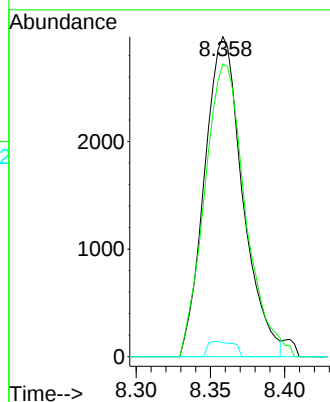
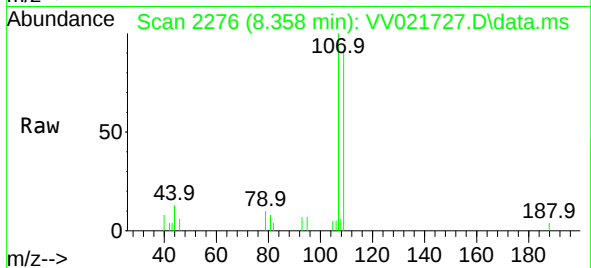
ClientSampleId :

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#51

Chlorobenzene

Concen: 1.941 ug/L

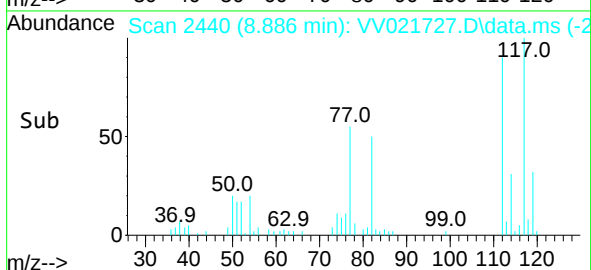
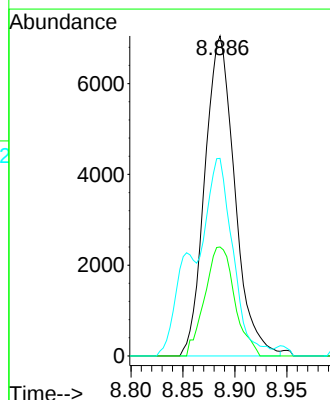
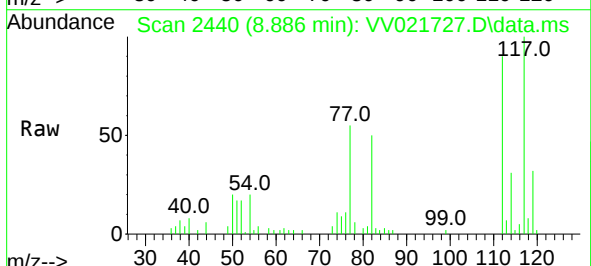
RT: 8.886 min Scan# 2440

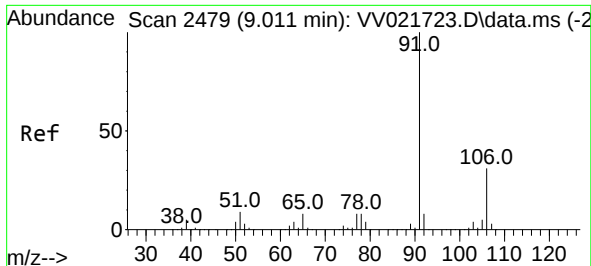
Delta R.T. 0.006 min

Lab File: VV021727.D

Acq: 03 Aug 2021 11:50

Tgt Ion:	112	Resp:	14120
Ion	Ratio	Lower	Upper
112	100		
114	34.1	22.6	42.0
77	61.7	45.0	67.4





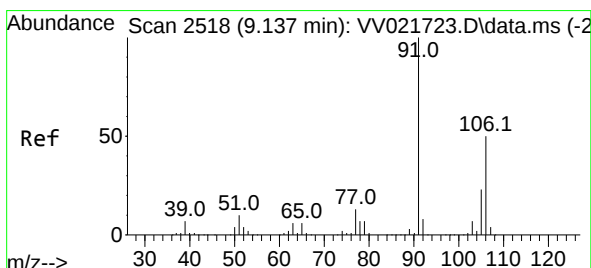
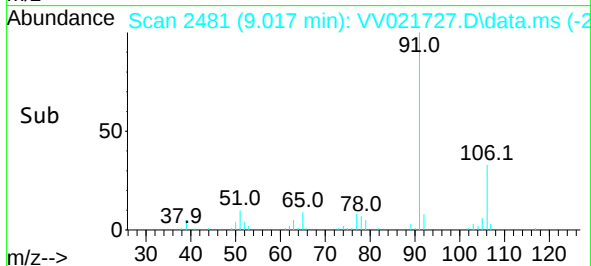
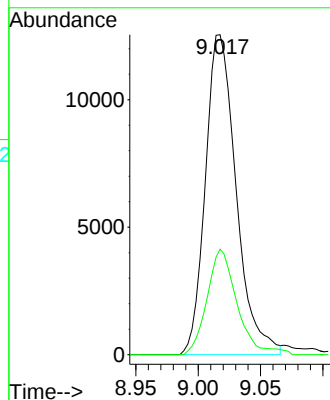
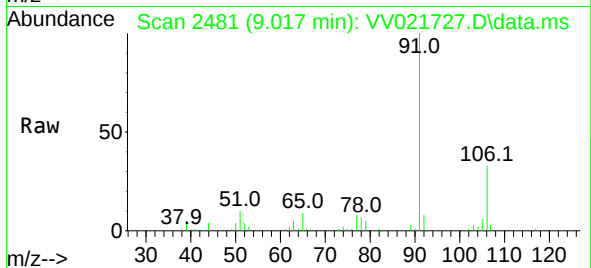
#52
Ethylbenzene
Concen: 1.828 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion: 91 Resp: 21603
Ion Ratio Lower Upper
91 100
106 32.9 22.0 40.8

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

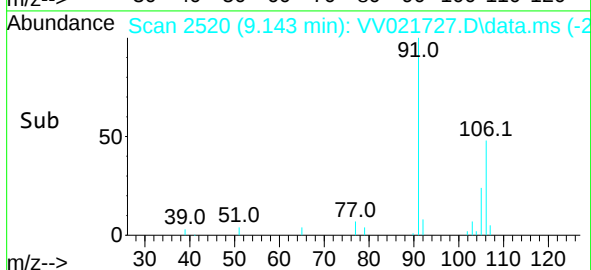
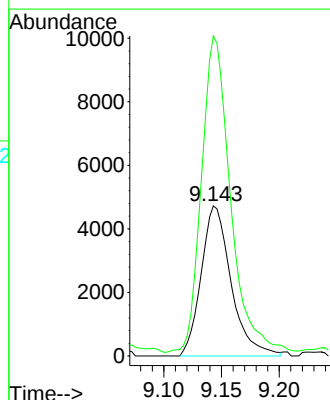
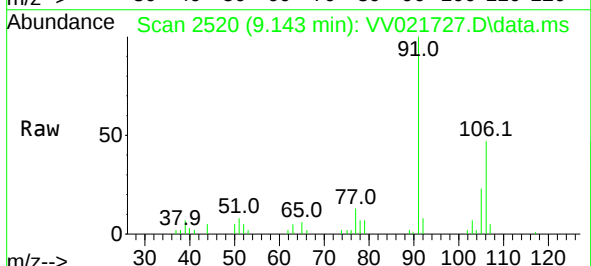
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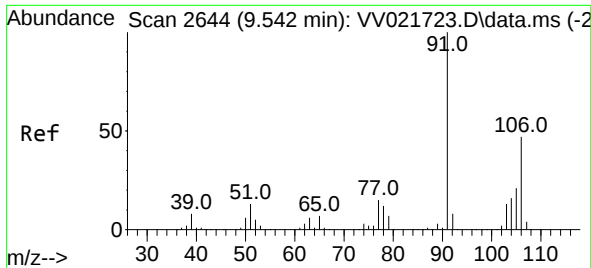
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#53
m,p-Xylene
Concen: 1.857 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion: 106 Resp: 8518
Ion Ratio Lower Upper
106 100
91 213.3 138.9 258.1





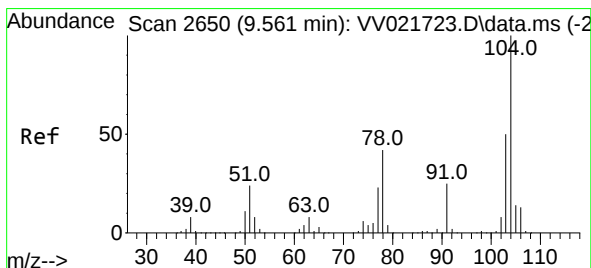
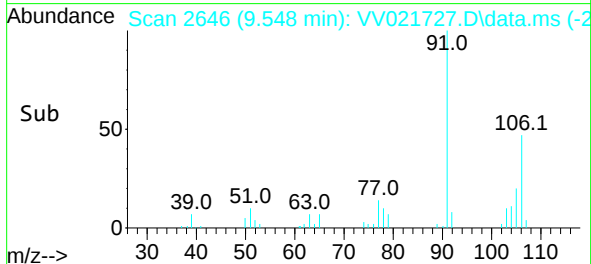
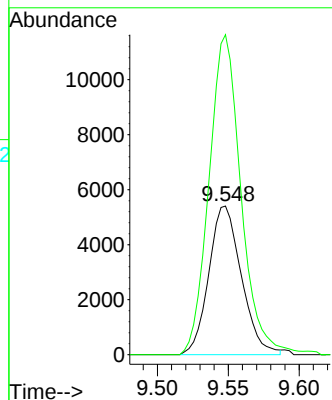
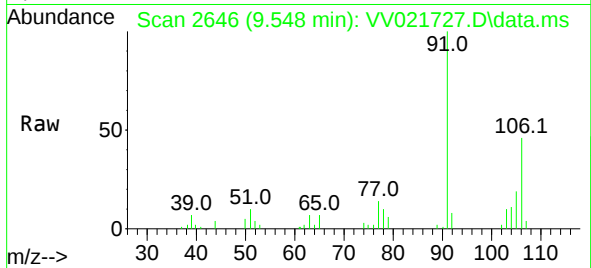
#54
o-Xylene
Concen: 1.874 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion: 106 Resp: 8651
Ion Ratio Lower Upper
106 100
91 215.3 147.4 273.8

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

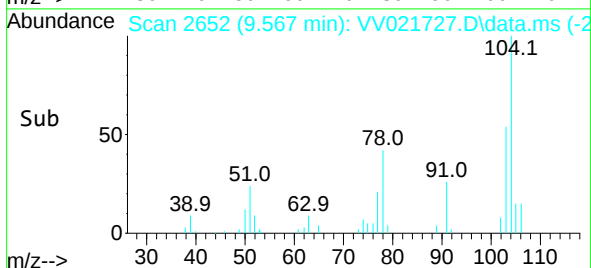
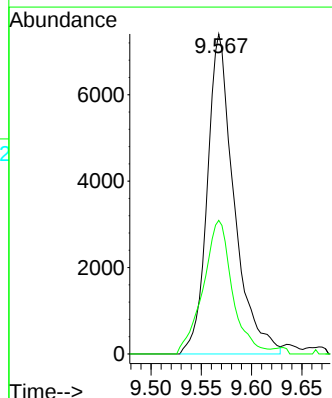
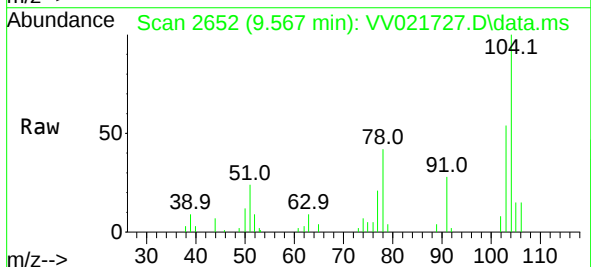
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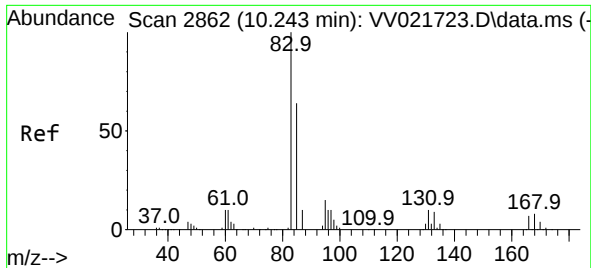
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#55
Styrene
Concen: 1.772 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.006 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

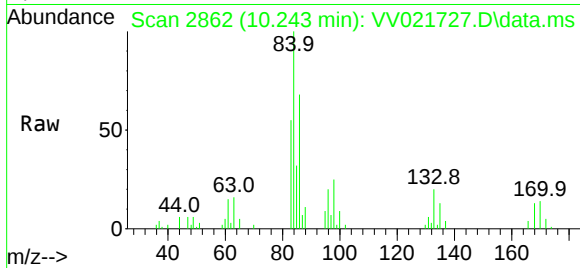
Tgt Ion: 104 Resp: 13704
Ion Ratio Lower Upper
104 100
78 41.7 30.0 55.8





#57
1,1,2,2-Tetrachloroethane
Concen: 2.123 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

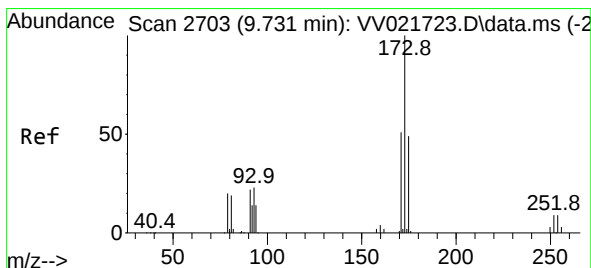
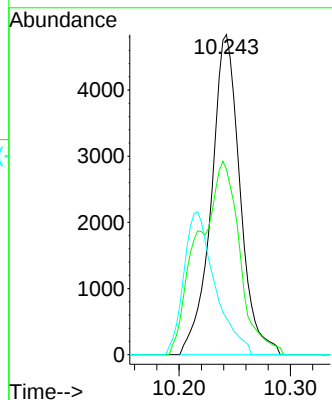
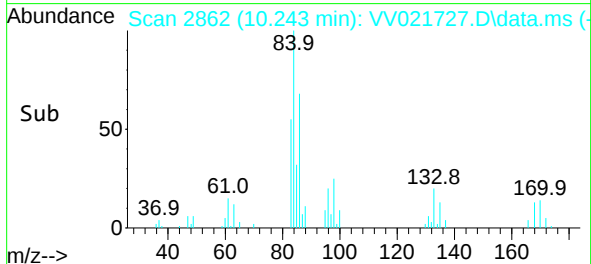
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08



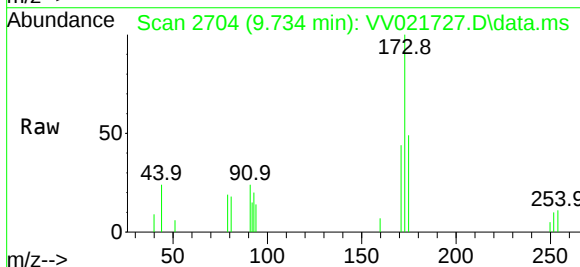
Tgt Ion: 83 Resp: 8682
Ion Ratio Lower Upper
83 100
85 58.0 46.0 85.4
131 11.4 8.1 12.1

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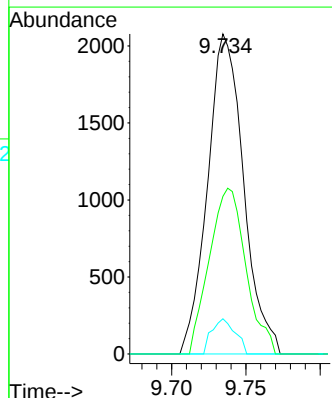
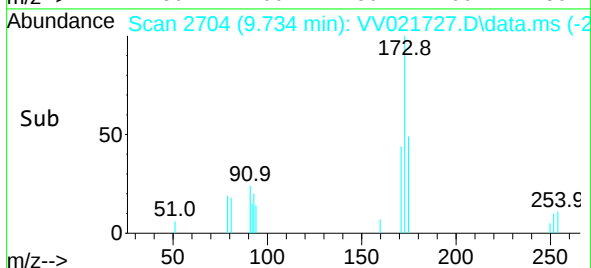
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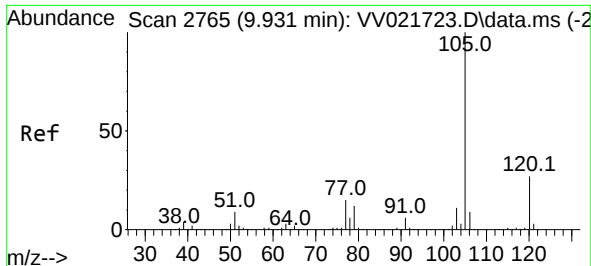


#59
Bromoform
Concen: 1.602 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50



Tgt Ion: 173 Resp: 3505
Ion Ratio Lower Upper
173 100
175 52.6 39.0 58.4
254 7.2 7.2 10.8#





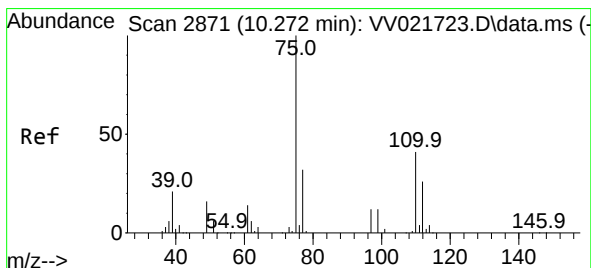
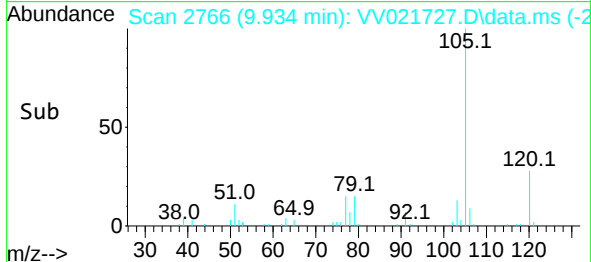
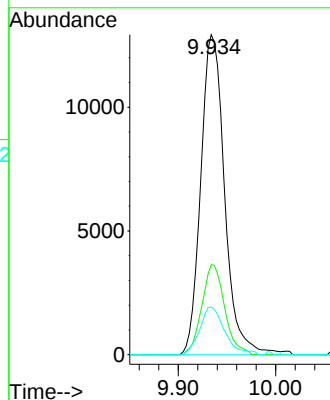
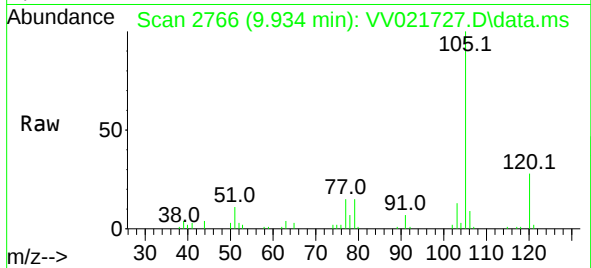
#60
Isopropylbenzene
Concen: 1.877 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion:	105	Resp:	21935
Ion Ratio	Lower	Upper	
105	100		
120	26.9	21.5	32.3
77	15.5	11.8	17.8

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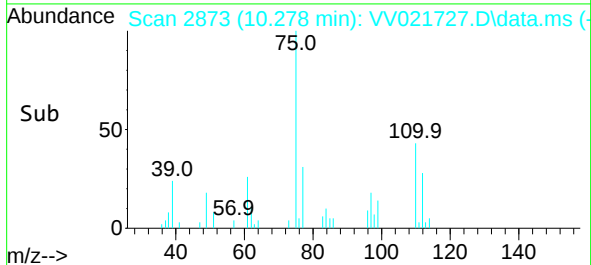
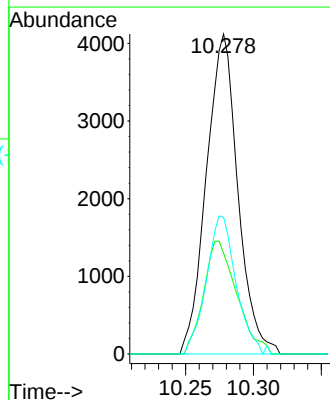
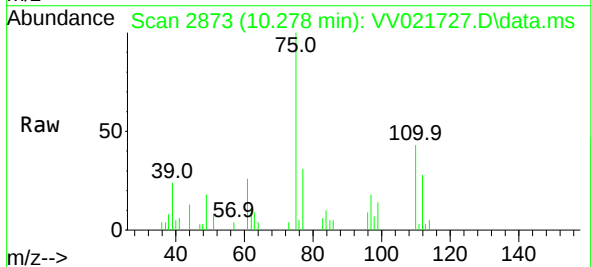
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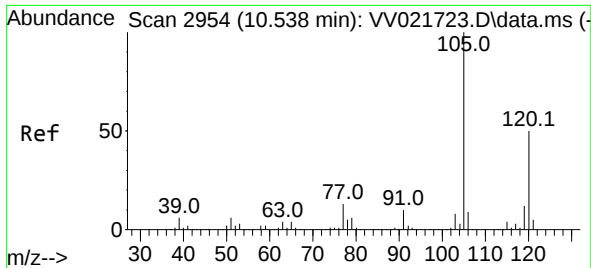
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#61
1,2,3-Trichloropropane
Concen: 1.979 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.006 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion:	75	Resp:	6656
Ion Ratio	Lower	Upper	
75	100		
77	37.0	25.7	38.5
110	40.6	33.8	50.6





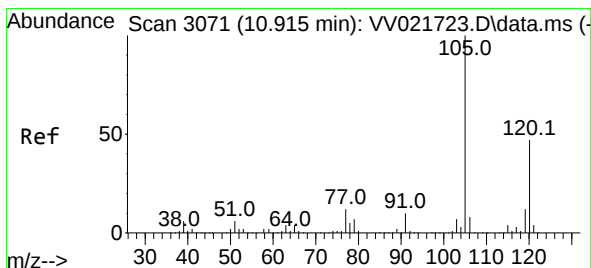
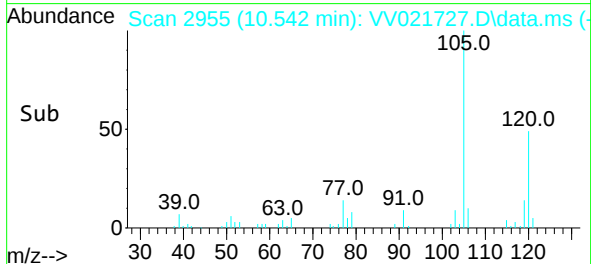
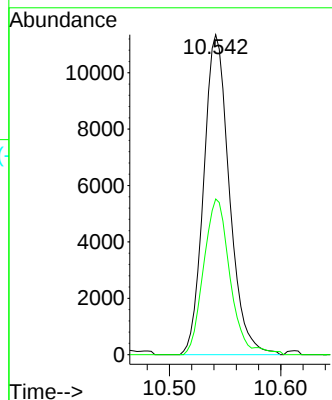
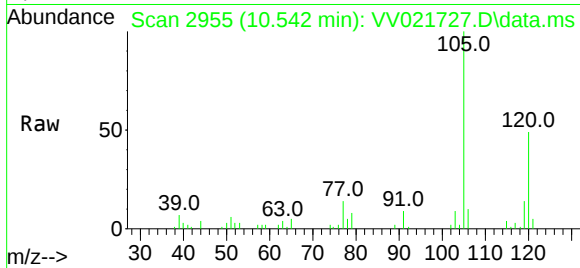
#62
1,3,5-Trimethylbenzene
Concen: 1.838 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion:105 Resp: 18184
Ion Ratio Lower Upper
105 100
120 48.7 39.8 59.6

Instrument :
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ClientSampleId :
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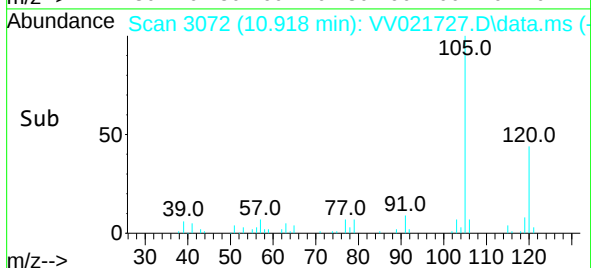
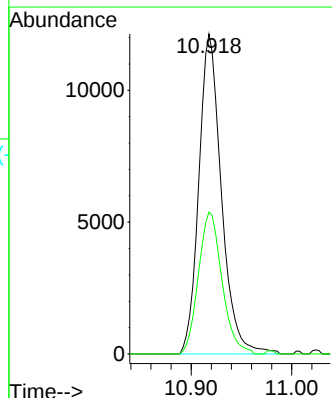
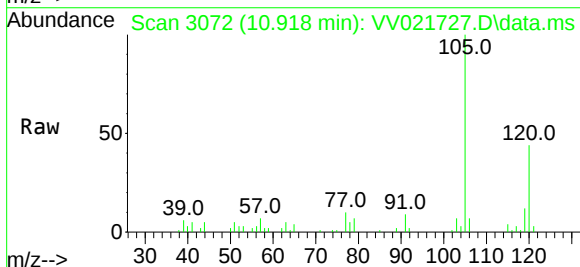
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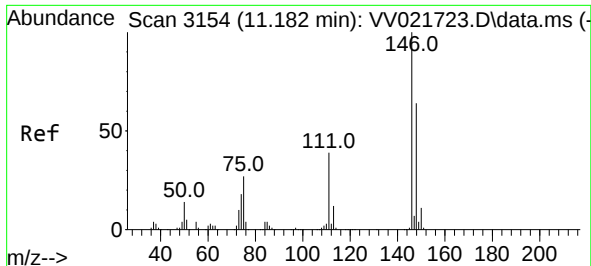
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#63
1,2,4-Trimethylbenzene
Concen: 1.878 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion:105 Resp: 18912
Ion Ratio Lower Upper
105 100
120 46.2 37.0 55.6





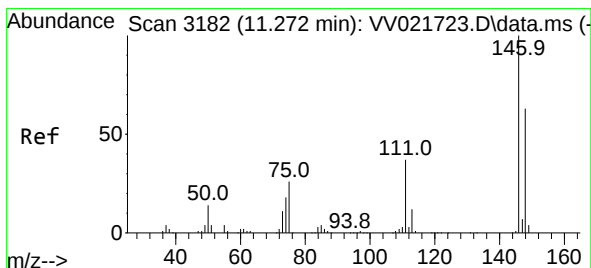
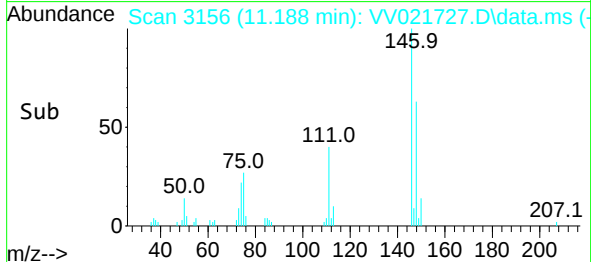
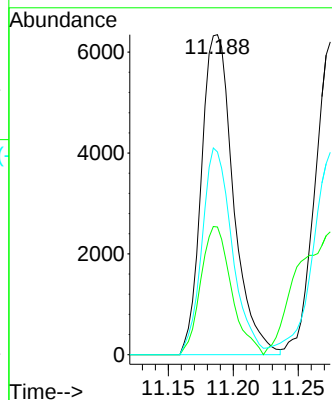
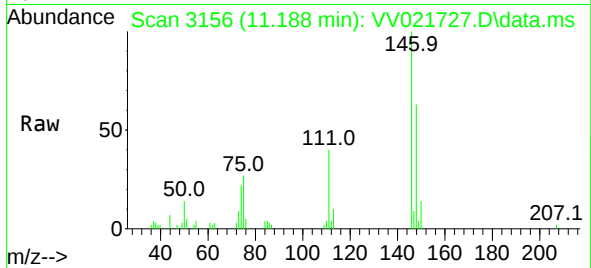
#64
1,3-Dichlorobenzene
Concen: 1.931 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.006 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	27.3	50.7
148	63.4	44.4	82.5

Instrument :
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ClientSampleId :
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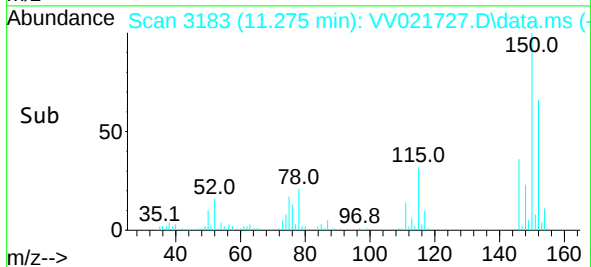
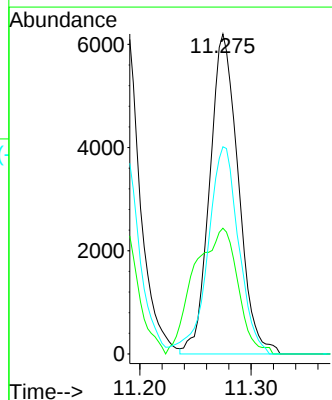
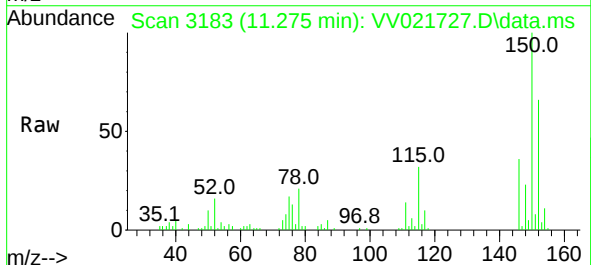
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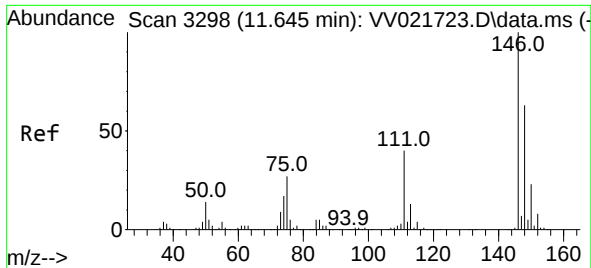
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#65
1,4-Dichlorobenzene
Concen: 1.955 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	25.6	47.4
148	64.7	44.7	82.9





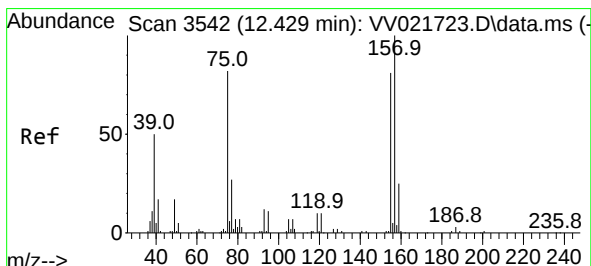
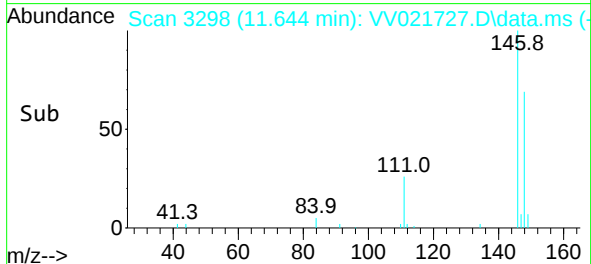
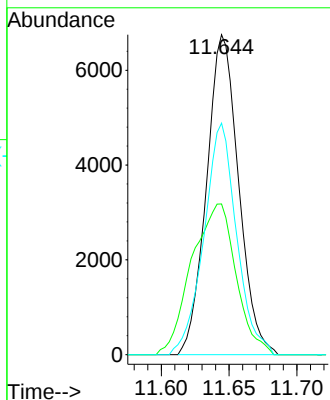
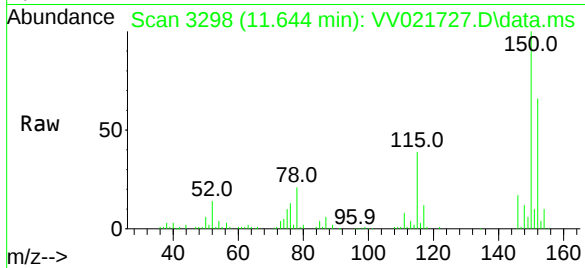
#67
1,2-Dichlorobenzene
Concen: 1.930 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion:	146	Resp:	11105
Ion Ratio	Lower	Upper	
146	100		
111	47.1	32.5	48.7
148	72.3	51.5	77.3

Instrument :
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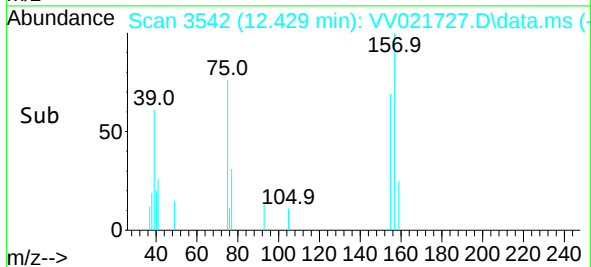
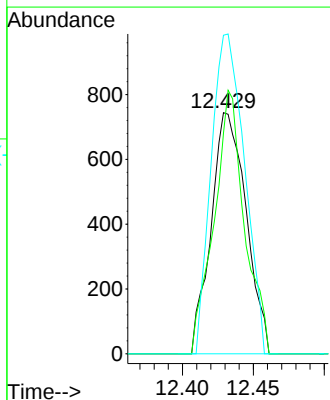
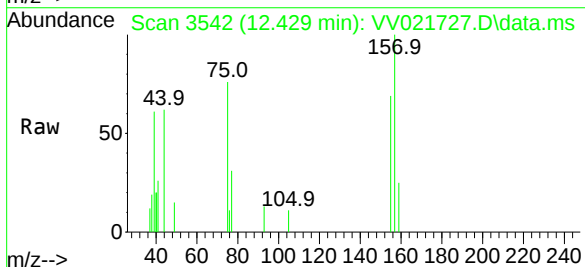
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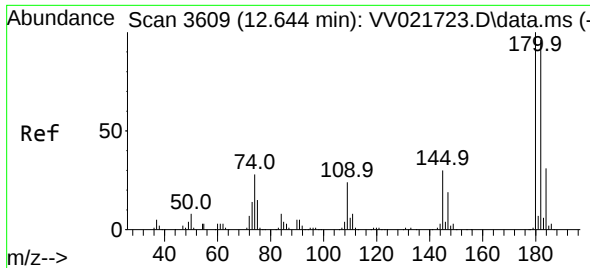
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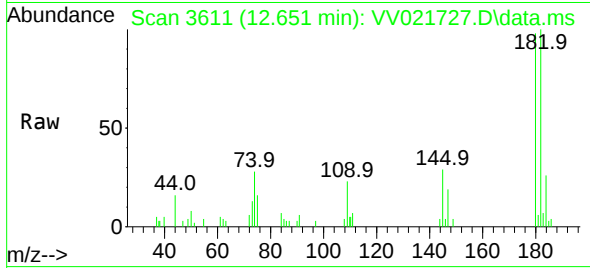
#68
1,2-Dibromo-3-chloropropane
Concen: 1.446 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50

Tgt Ion:	75	Resp:	1280
Ion Ratio	Lower	Upper	
75	100		
155	91.5	77.7	116.5
157	132.1	102.6	154.0

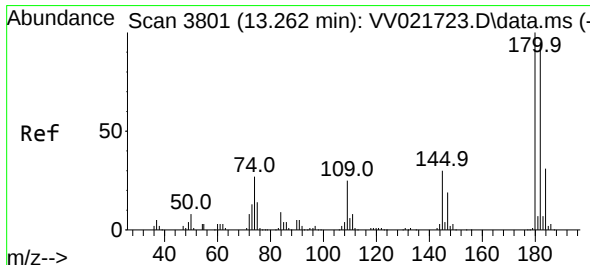
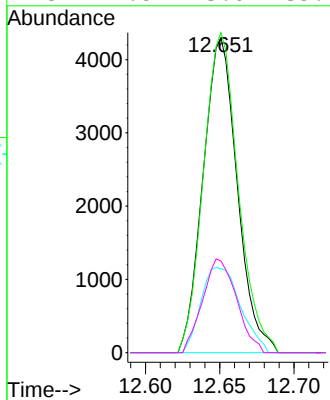
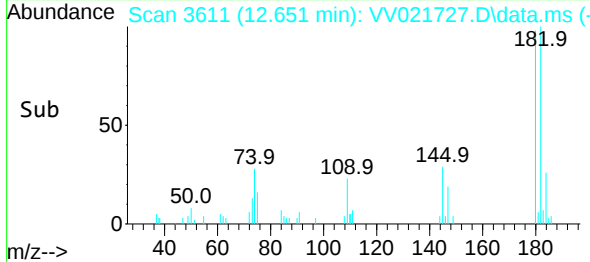




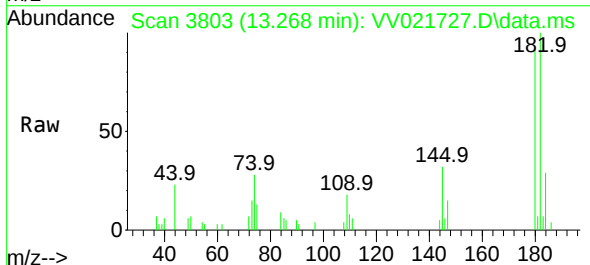
#69
 1,3,5-Trichlorobenzene
 Concen: 1.637 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. 0.006 min
 Lab File: VV021727.D
 Acq: 03 Aug 2021 11:50



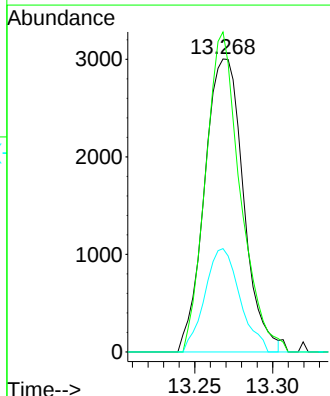
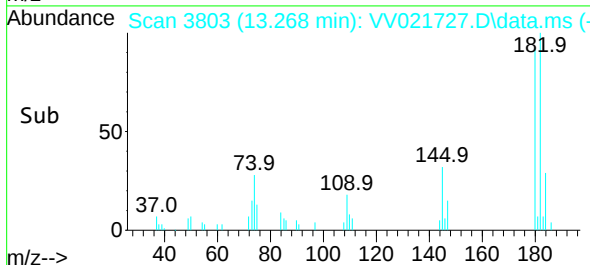
Tgt Ion:180 Resp: 6859
 Ion Ratio Lower Upper
 180 100
 182 103.3 77.1 115.7
 184 31.3 24.6 36.8
 145 29.8 23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 1.469 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.006 min
 Lab File: VV021727.D
 Acq: 03 Aug 2021 11:50



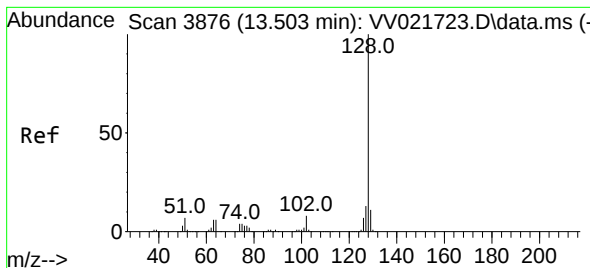
Tgt Ion:180 Resp: 5192
 Ion Ratio Lower Upper
 180 100
 182 97.7 76.3 114.5
 145 31.9 24.1 36.1



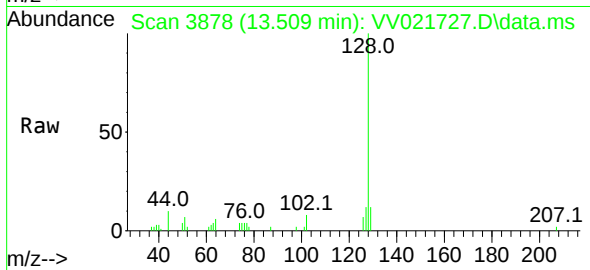
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT4-2021-08

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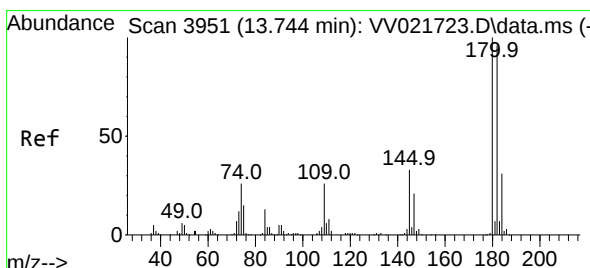
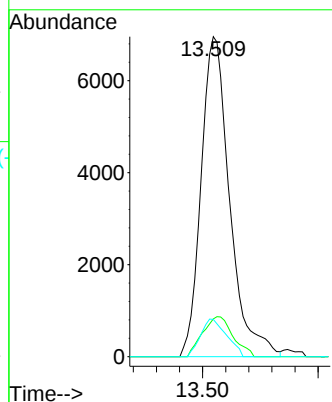
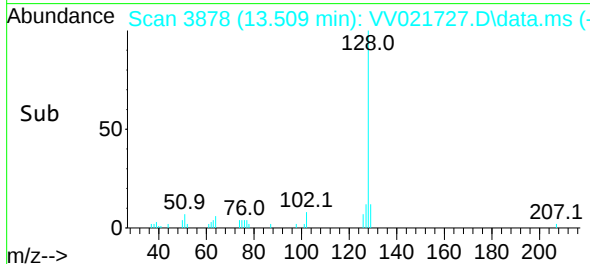
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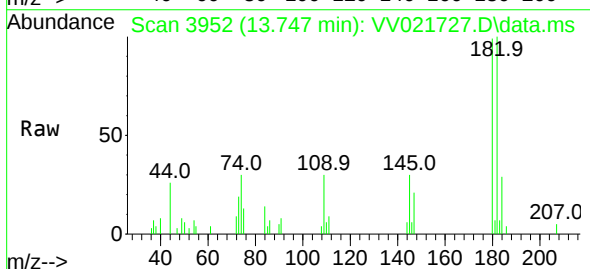
#71
Naphthalene
Concen: 1.167 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50



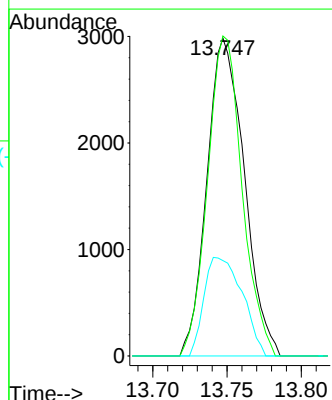
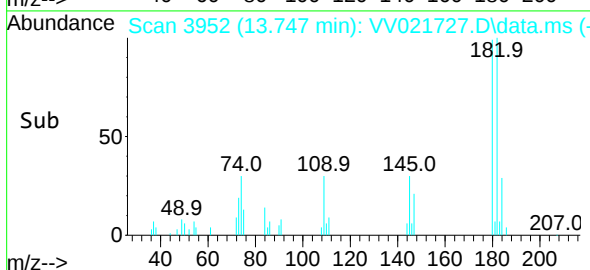
Tgt Ion:128 Resp: 11942
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 1.485 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV021727.D
Acq: 03 Aug 2021 11:50



Tgt Ion:180 Resp: 5212
Ion Ratio Lower Upper
180 100
182 93.3 76.8 115.2
145 31.6 25.5 38.3



Instrument :
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ClientSampleId :
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