

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050621\
 Data File : VW021307.D
 Acq On : 06 May 2021 14:21
 Operator : SY/MD
 Sample : M2250-05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-MED-SOIL-QT3-2021-05

Manual Integrations
 APPROVED

Quant Time: May 07 03:57:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 07 03:56:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	650708	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	624453	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.256	152	332384	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	150772	52.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.46%
7) Chloroethane-d5	1.571	69	135657	52.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.18%
11) 1,1-Dichloroethene-d2	2.108	63	286575	35.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.18%
21) 2-Butanone-d5	3.909	46	182220	78.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.67%
24) Chloroform-d	4.352	84	418639	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.14%
26) 1,2-Dichloroethane-d4	5.037	65	330872	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
32) Benzene-d6	5.053	84	710207	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
36) 1,2-Dichloropropane-d6	6.076	67	178433	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.60%
41) Toluene-d8	7.320	98	700451	47.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.00%
43) trans-1,3-Dichloroprop...	7.625	79	124904	45.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.92%
47) 2-Hexanone-d5	8.095	63	135770	79.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.59%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	253536	42.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.78%
66) 1,2-Dichlorobenzene-d4	11.632	152	310533	47.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.82%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.131	85	11716	2.23	ug/L	92
3) Chloromethane	1.243	50	6772	2.14	ug/L	99
5) Vinyl chloride	1.314	62	7617	1.93	ug/L #	82
6) Bromomethane	1.526	94	6694	2.16	ug/L	94
8) Chloroethane	1.590	64	4302	1.69	ug/L	91
9) Trichlorofluoromethane	1.754	101	20598	1.99	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	12214	2.68	ug/L	87
12) 1,1-Dichloroethene	2.121	96	12122	2.98	ug/L #	1
13) Acetone	2.198	43	12099m	4.42	ug/L	
14) Carbon disulfide	2.298	76	18977	1.86	ug/L #	91
15) Methyl Acetate	2.452	43	7328m	2.22	ug/L	
16) Methylene chloride	2.510	84	10829	2.59	ug/L	90
17) trans-1,2-Dichloroethene	2.761	96	8181	2.01	ug/L	98
18) Methyl tert-butyl Ether	2.777	73	29931	2.05	ug/L #	88
19) 1,1-Dichloroethane	3.198	63	14254	2.02	ug/L	91
20) cis-1,2-Dichloroethene	3.918	96	10440m	2.33	ug/L	
22) 2-Butanone	3.999	43	9897m	3.79	ug/L	
23) Bromochloromethane	4.253	128	6825m	2.66	ug/L	
25) Chloroform	4.375	83	25313	2.72	ug/L	92

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Manual Integrations
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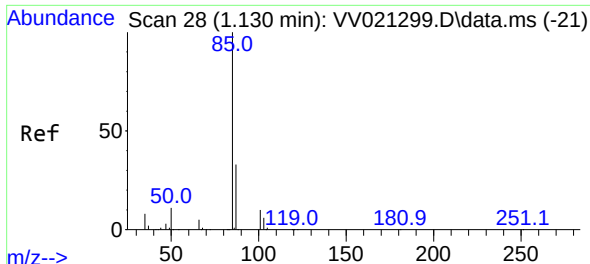
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 07 03:56:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.150	62	15667	1.85	ug/L	98
29) Cyclohexane	4.683	56	10715	2.04	ug/L #	91
30) 1,1,1-Trichloroethane	4.622	97	19812	2.03	ug/L #	80
31) Carbon tetrachloride	4.835	117	18511	2.04	ug/L #	44
33) Benzene	5.111	78	31134	1.95	ug/L	100
34) Trichloroethene	5.925	95	11898	2.31	ug/L	82
35) Methylcyclohexane	6.130	83	10450m	1.56	ug/L	
37) 1,2-Dichloropropane	6.179	63	5821m	1.73	ug/L	
38) Bromodichloromethane	6.523	83	13929	1.95	ug/L	84
39) cis-1,3-Dichloropropene	7.043	75	11645	1.77	ug/L	96
40) 4-Methyl-2-pentanone	7.236	43	16804	3.52	ug/L #	92
42) Toluene	7.397	91	45677	2.45	ug/L	93
44) trans-1,3-Dichloropropene	7.664	75	12196m	1.70	ug/L	
45) 1,1,2-Trichloroethane	7.851	97	8566	1.98	ug/L	82
46) Tetrachloroethene	7.976	164	9338m	2.11	ug/L	
48) 2-Hexanone	8.150	43	27877	7.26	ug/L #	89
49) Dibromochloromethane	8.259	129	11756m	1.91	ug/L	
50) 1,2-Dibromoethane	8.355	107	10690m	2.19	ug/L	
51) Chlorobenzene	8.889	112	28579	2.22	ug/L	92
52) Ethylbenzene	9.021	91	39483	1.84	ug/L	95
53) m,p-Xylene	9.146	106	14724	1.74	ug/L	94
54) o-Xylene	9.548	106	14529	1.78	ug/L	90
55) Styrene	9.574	104	24328	1.76	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.246	83	11648	1.99	ug/L #	87
59) Bromoform	9.738	173	8056	1.81	ug/L	91
60) Isopropylbenzene	9.940	105	36759	1.73	ug/L #	95
61) 1,2,3-Trichloropropane	10.281	75	12802	2.36	ug/L	94
62) 1,3,5-Trimethylbenzene	10.545	105	33304	1.79	ug/L	99
63) 1,2,4-Trimethylbenzene	10.924	105	37473	2.01	ug/L	90
64) 1,3-Dichlorobenzene	11.191	146	22987	2.23	ug/L	97
65) 1,4-Dichlorobenzene	11.281	146	22399	2.12	ug/L	91
67) 1,2-Dichlorobenzene	11.651	146	21023	2.02	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.436	75	4582	2.42	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.654	180	13951	1.75	ug/L #	92
70) 1,2,4-trichlorobenzene	13.272	180	9245	1.42	ug/L	89
71) Naphthalene	13.516	128	20063	1.12	ug/L	96
72) 1,2,3-Trichlorobenzene	13.754	180	10020	1.52	ug/L	97

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

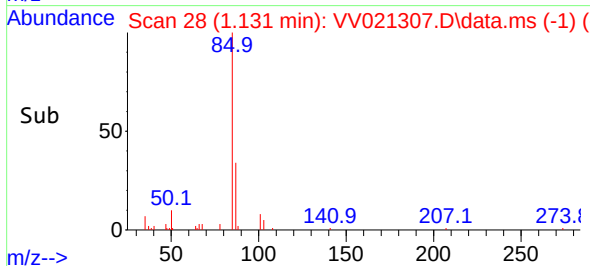
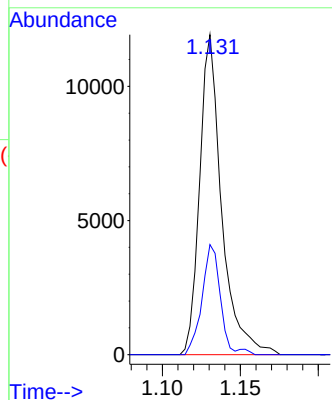
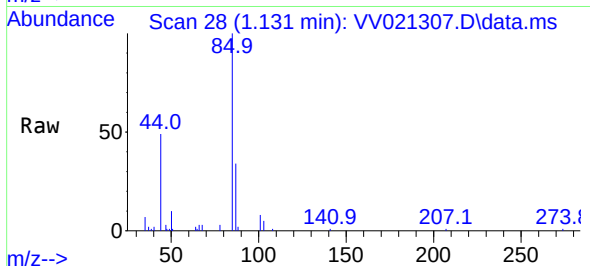


#2
Dichlorodifluoromethane
Concen: 2.23 ug/L
RT: 1.131 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 85 Resp: 11716
Ion Ratio Lower Upper
85 100
87 28.0 25.8 38.8

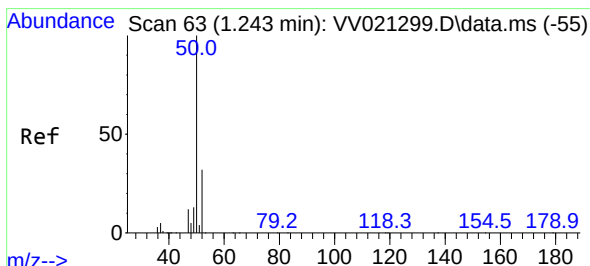
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MSVOA_V
ClientSampleId :
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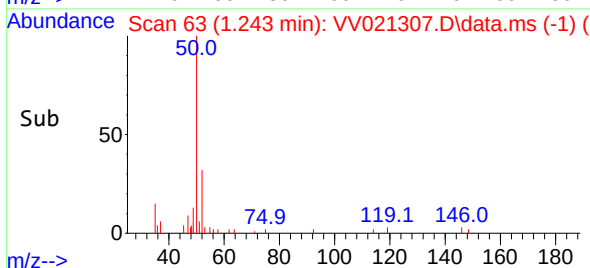
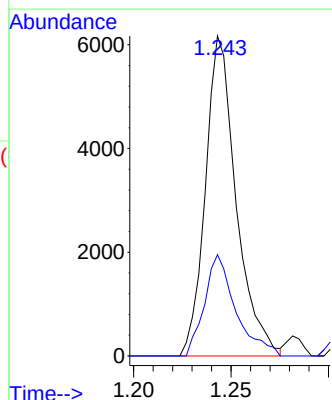
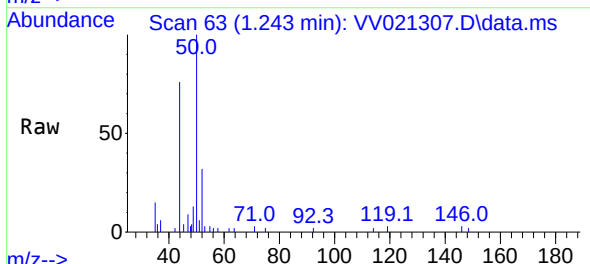
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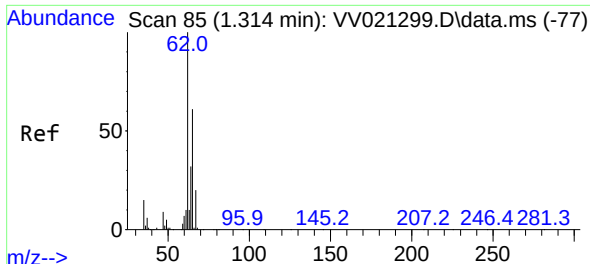
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#3
Chloromethane
Concen: 2.14 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 50 Resp: 6772
Ion Ratio Lower Upper
50 100
52 31.7 22.7 42.1



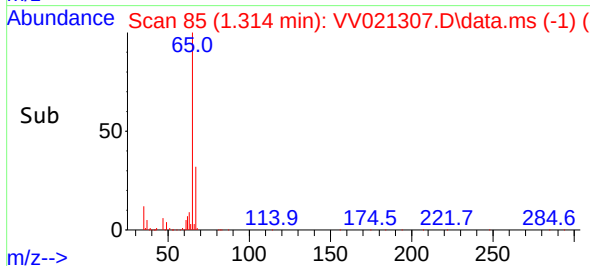
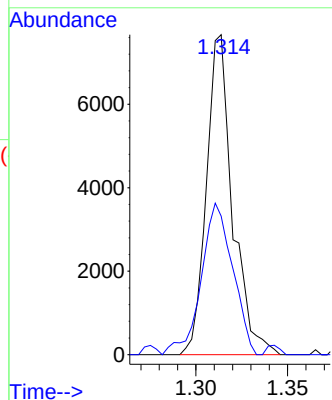
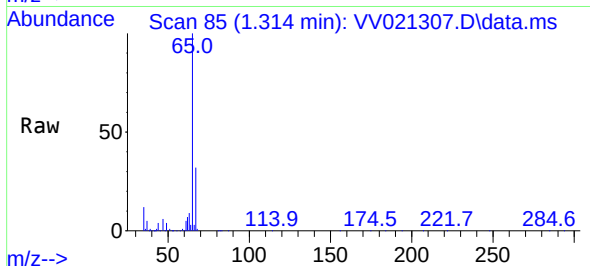


#5
 Vinyl chloride
 Concen: 1.93 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV021307.D
 Acq: 06 May 2021 14:21

Tgt Ion: 62 Resp: 7617
 Ion Ratio Lower Upper
 62 100
 64 43.3 23.2 43.2#

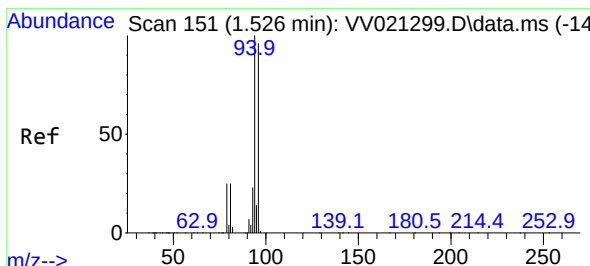
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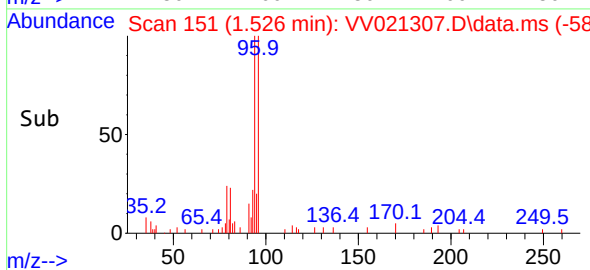
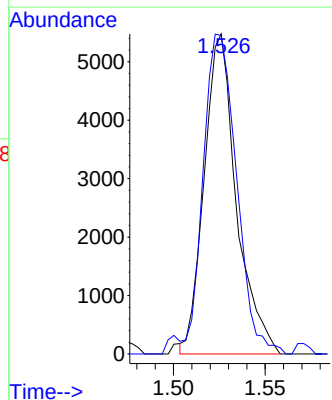
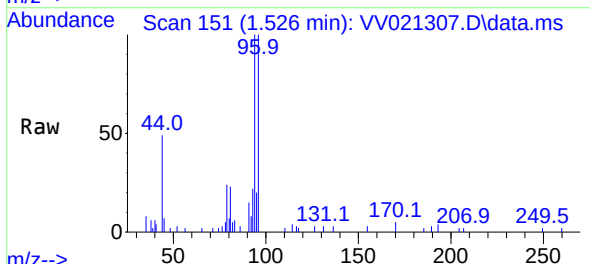
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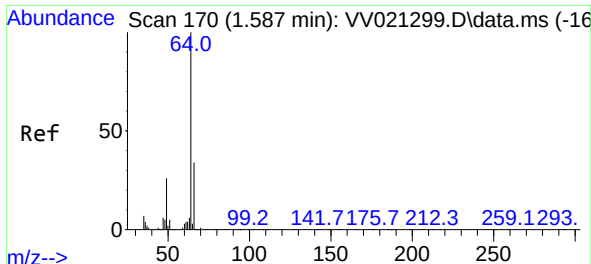
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#6
 Bromomethane
 Concen: 2.16 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV021307.D
 Acq: 06 May 2021 14:21

Tgt Ion: 94 Resp: 6694
 Ion Ratio Lower Upper
 94 100
 96 99.5 65.7 122.1



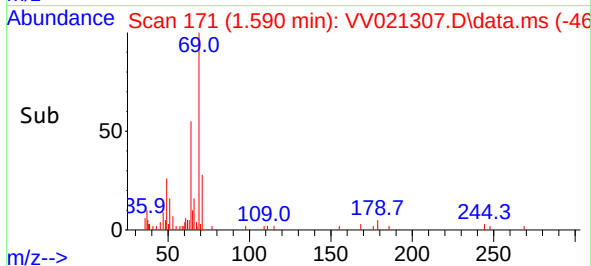
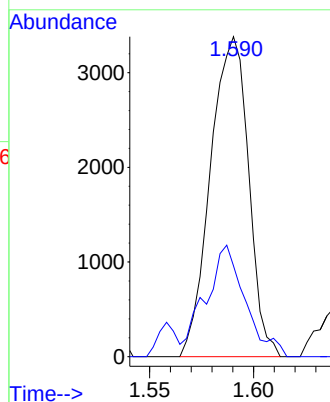
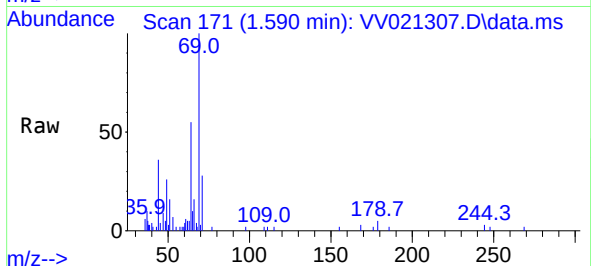


#8
Chloroethane
Concen: 1.69 ug/L
RT: 1.590 min Scan# 171
Delta R.T. 0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 64 Resp: 4302
Ion Ratio Lower Upper
64 100
66 28.4 23.7 43.9

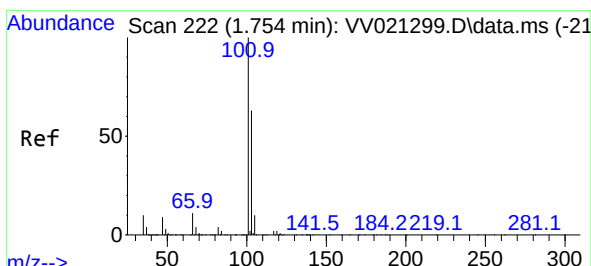
Instrument :
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ClientSampleId :
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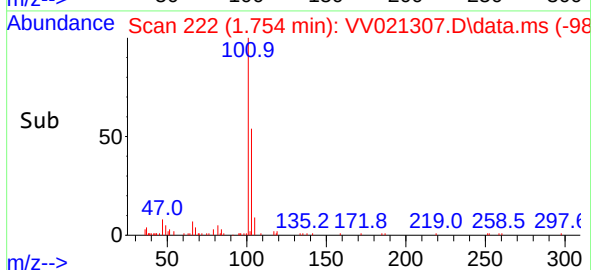
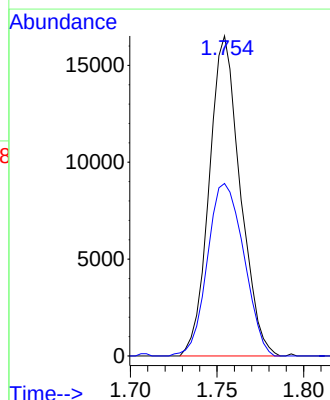
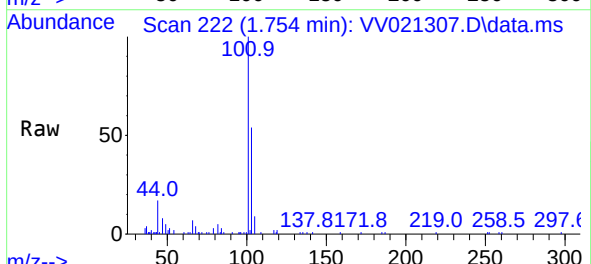
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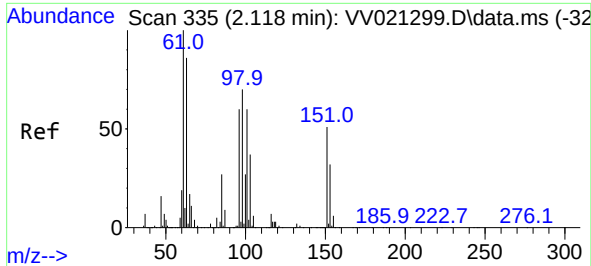
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#9
Trichlorofluoromethane
Concen: 1.99 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 101 Resp: 20598
Ion Ratio Lower Upper
101 100
103 63.3 53.0 79.6



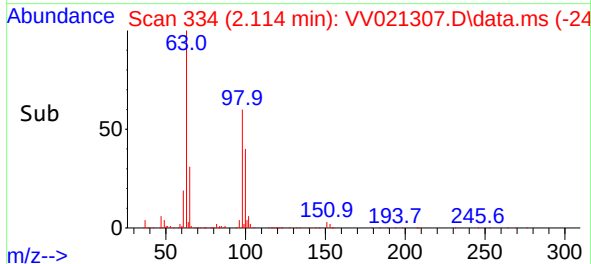
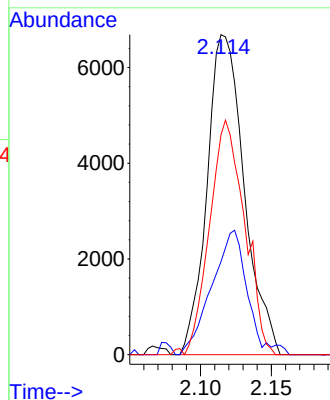
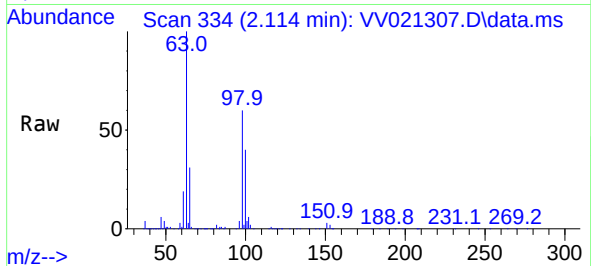


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.68 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion:	101	Resp:	12214
Ion Ratio	Lower	Upper	
101	100		
85	35.8	35.4	53.2
151	69.1	63.9	95.9

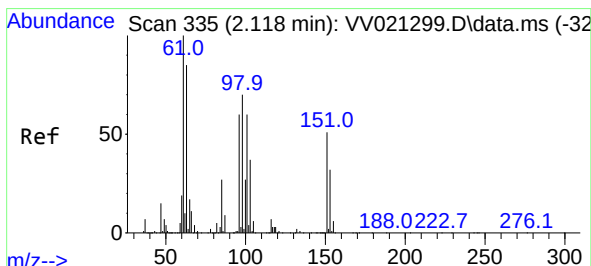
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MSVOA_V
ClientSampleId :
MDL-MED-MED-SOIL-QT3-2021-05

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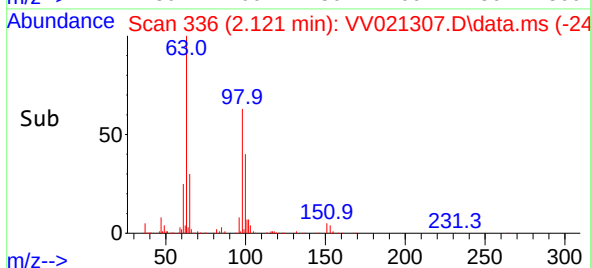
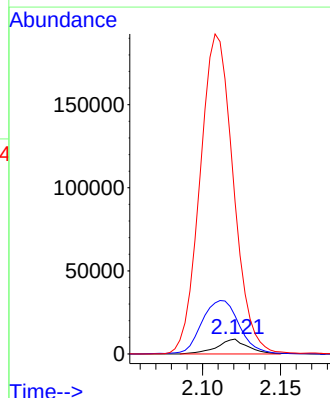
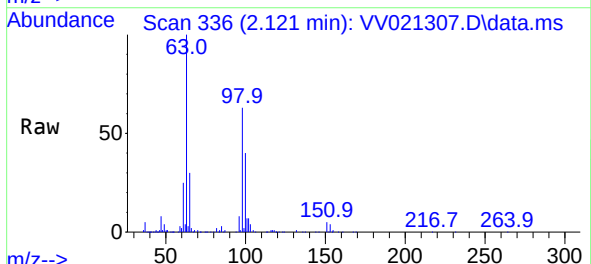
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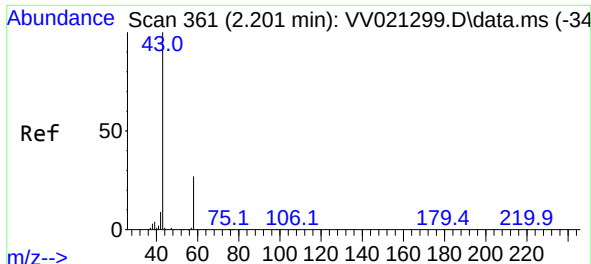
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#12
1,1-Dichloroethene
Concen: 2.98 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion:	96	Resp:	12122
Ion Ratio	Lower	Upper	
96	100		
61	256.0	121.4	225.6#
63	1023.7	98.1	182.1#



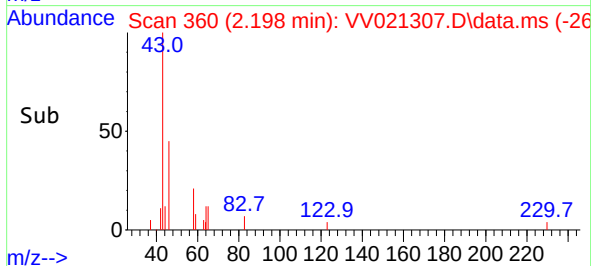
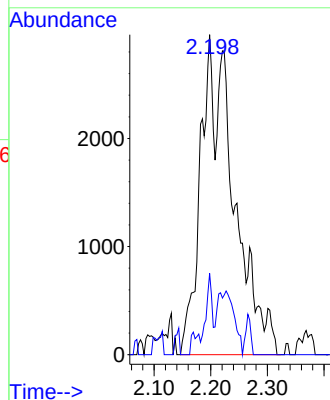
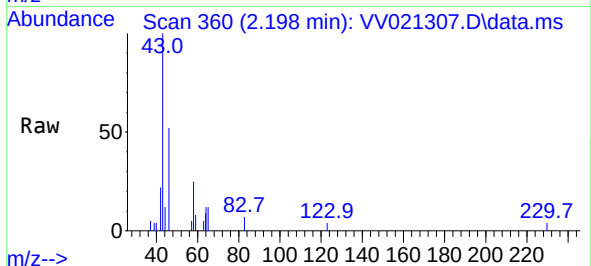


#13
Acetone
Concen: 4.42 ug/L m
RT: 2.198 min Scan# 360
Delta R.T. -0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 43 Resp: 12099
Ion Ratio Lower Upper
43 100
58 3.3 0.0 30.8

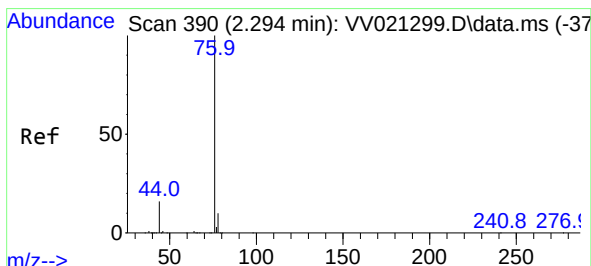
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ClientSampleId :
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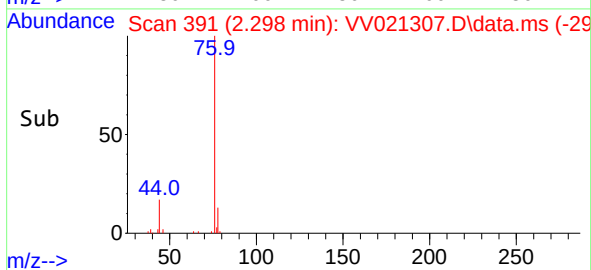
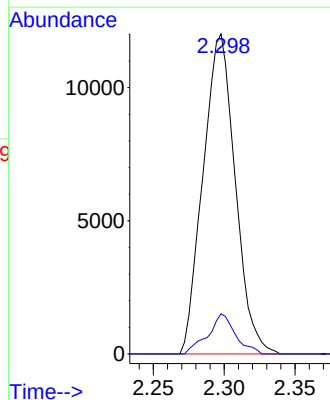
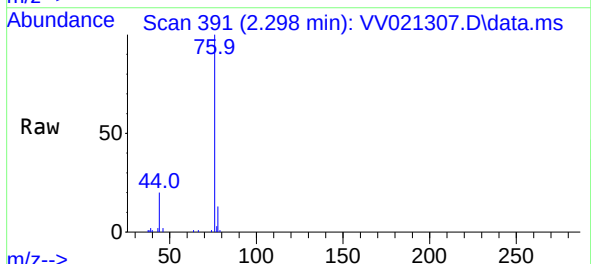
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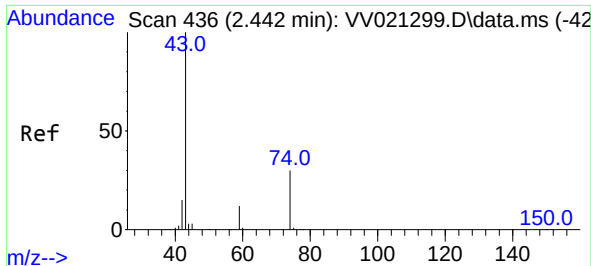
5/11/2021 1:12:10 PM



#14
Carbon disulfide
Concen: 1.86 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 76 Resp: 18977
Ion Ratio Lower Upper
76 100
78 12.6 7.4 11.2#



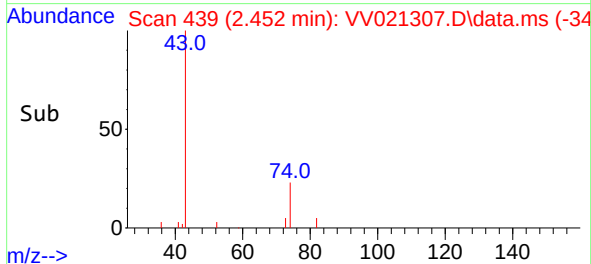
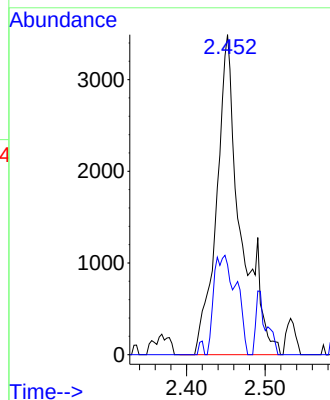
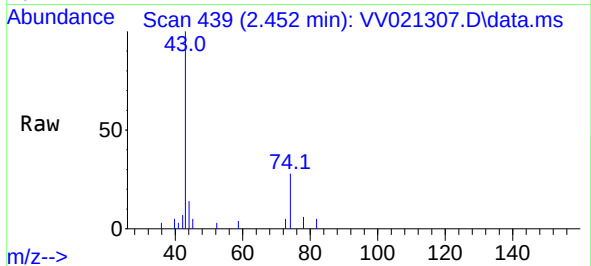


#15
Methyl Acetate
Concen: 2.22 ug/L m
RT: 2.452 min Scan# 439
Delta R.T. 0.010 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 43 Resp: 7328
Ion Ratio Lower Upper
43 100
74 0.8 21.2 31.8#

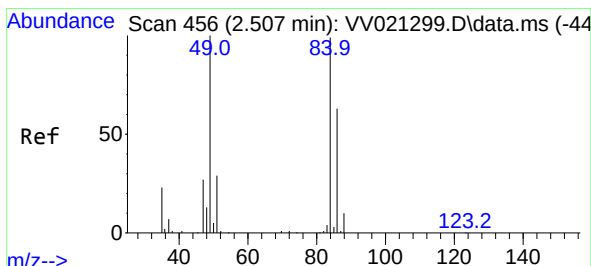
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-MED-SOIL-QT3-2021-05

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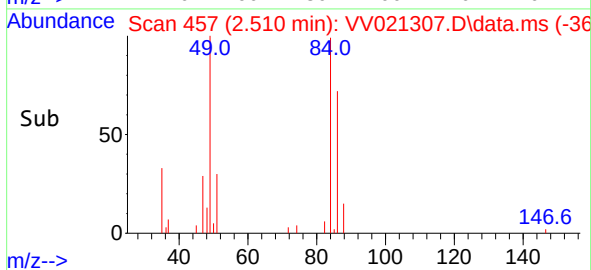
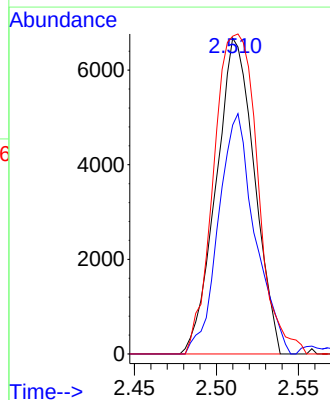
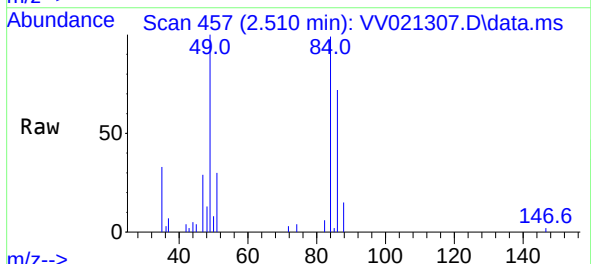
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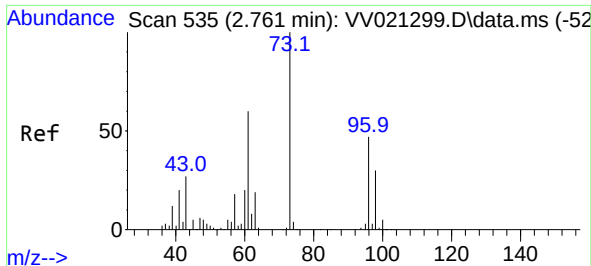
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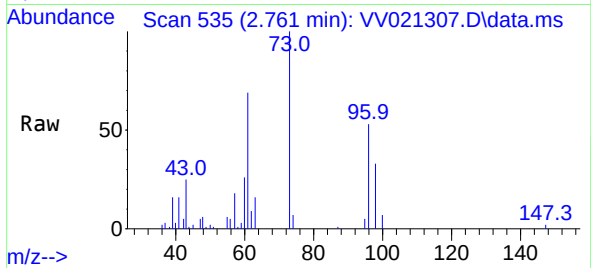
#16
Methylene chloride
Concen: 2.59 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 84 Resp: 10829
Ion Ratio Lower Upper
84 100
86 72.5 44.9 83.5
49 100.6 78.1 145.1



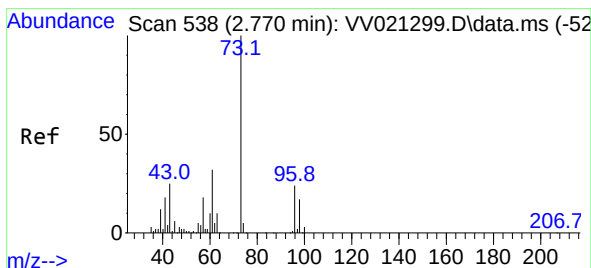
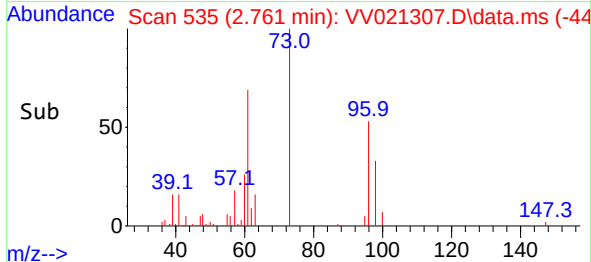
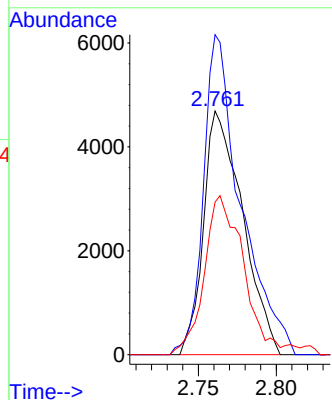


#17
trans-1,2-Dichloroethene
Concen: 2.01 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

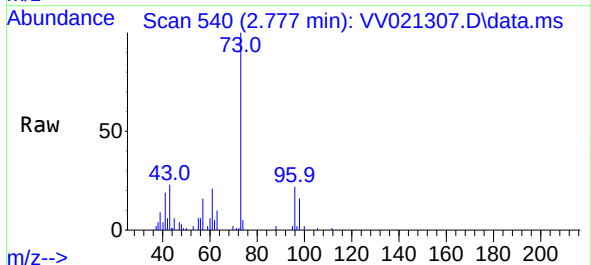


Tgt Ion: 96 Resp: 8181

Ion	Ratio	Lower	Upper
96	100		
61	131.3	89.3	165.9
98	62.6	44.1	81.9

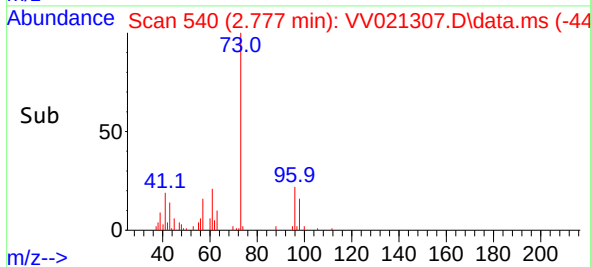
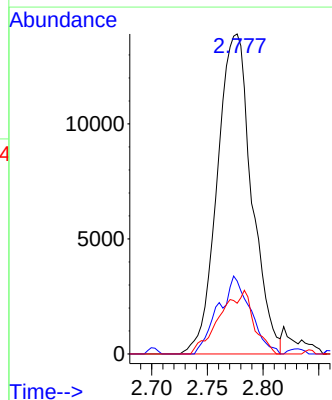


#18
Methyl tert-butyl Ether
Concen: 2.05 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.007 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21



Tgt Ion: 73 Resp: 29931

Ion	Ratio	Lower	Upper
73	100		
43	16.3	14.7	22.1
57	11.3	15.9	23.9#

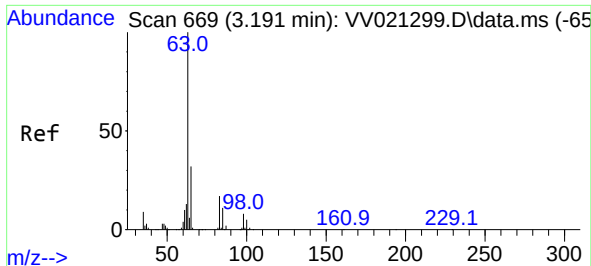


Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-MED-SOIL-QT3-2021-05

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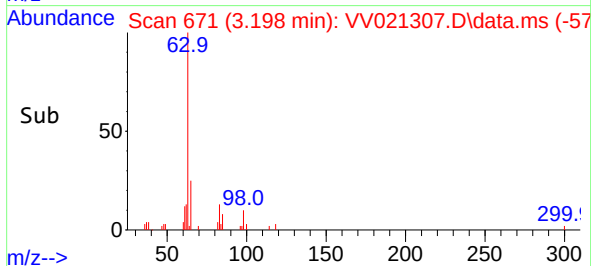
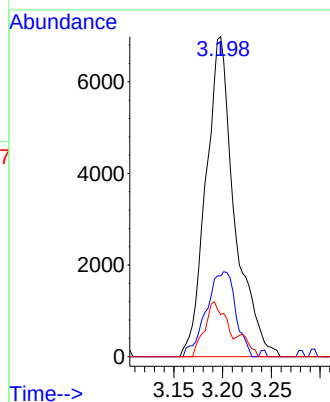
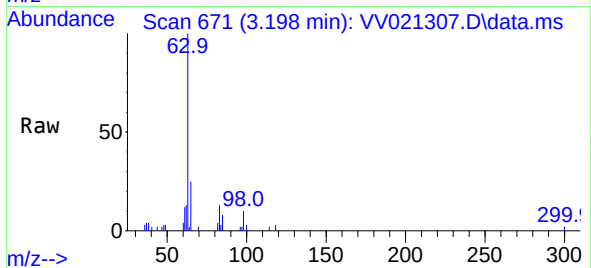


#19
1,1-Dichloroethane
Concen: 2.02 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.007 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion:	63	Resp:	14254
Ion	Ratio	Lower	Upper
63	100		
65	25.3	21.9	40.7
83	13.2	10.6	19.6

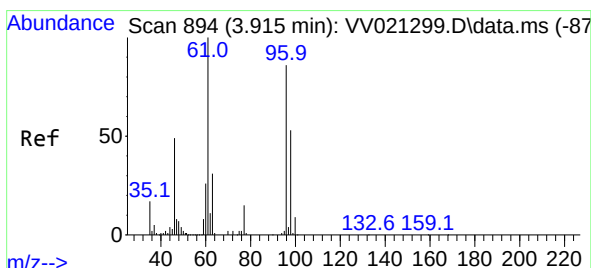
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-MED-SOIL-QT3-2021-05

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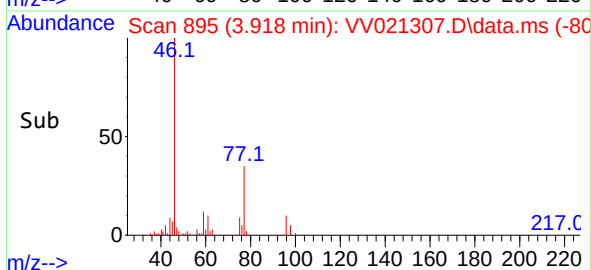
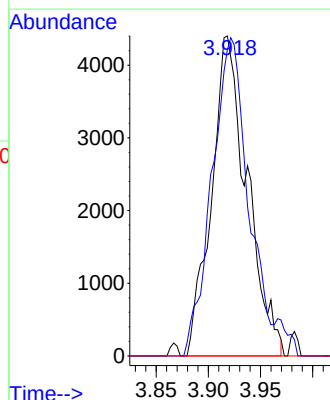
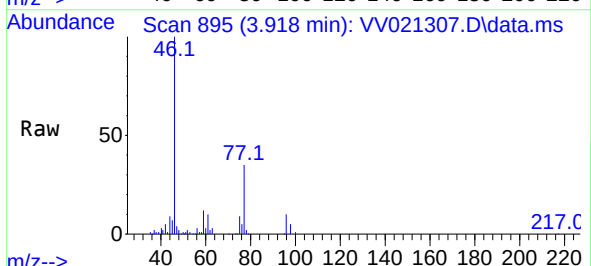
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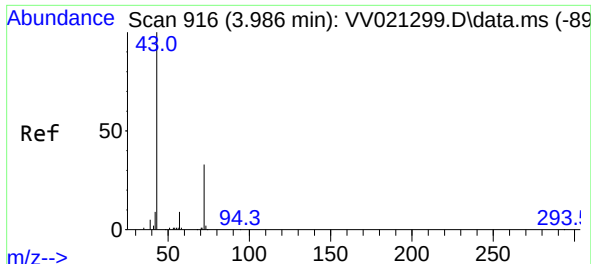
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#20
cis-1,2-Dichloroethene
Concen: 2.33 ug/L m
RT: 3.918 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion:	96	Resp:	10440
Ion	Ratio	Lower	Upper
96	100		
61	95.8	84.4	156.7
68	0.0	0.0	0.0



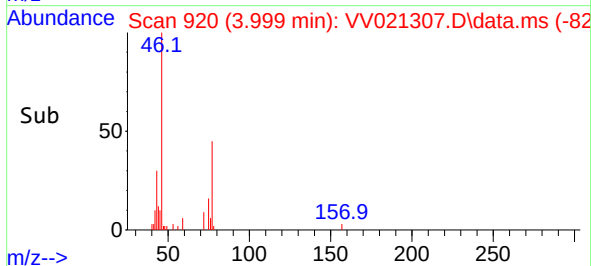
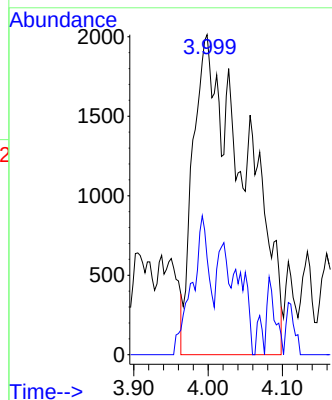
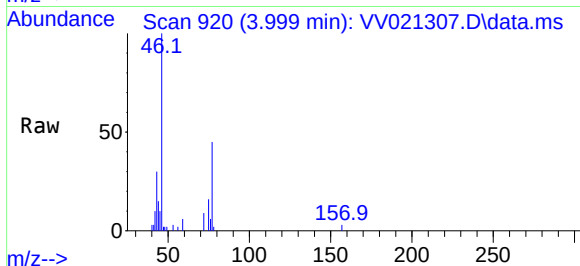


#22
2-Butanone
Concen: 3.79 ug/L m
RT: 3.999 min Scan# 920
Delta R.T. 0.013 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 43 Resp: 9897
Ion Ratio Lower Upper
43 100
72 5.4 13.2 39.6#

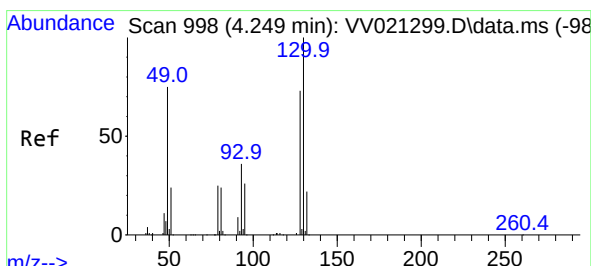
Instrument :
MSVOA_V
ClientSampleId :
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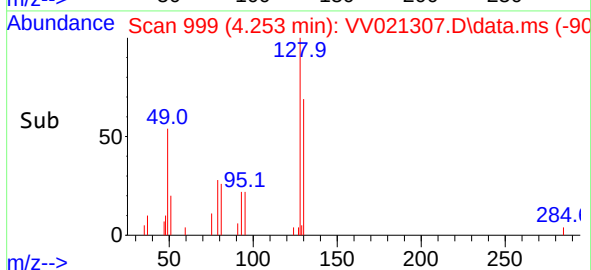
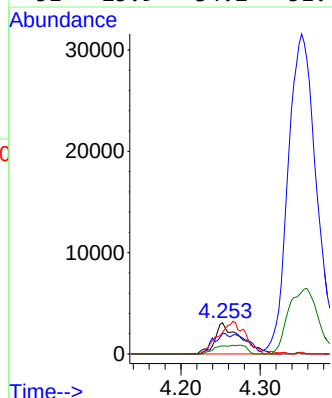
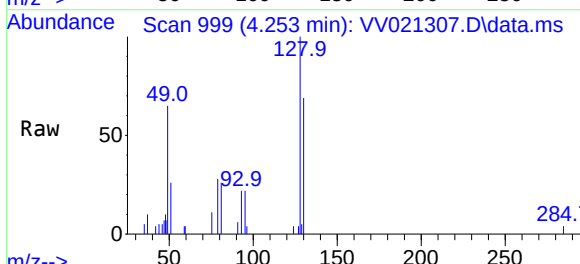
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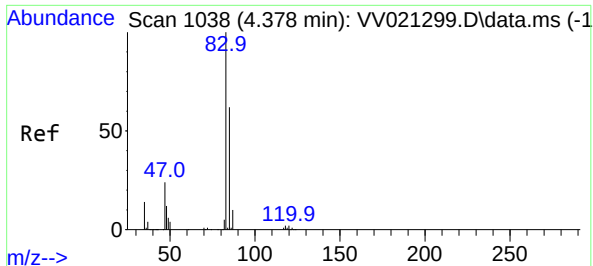
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#23
Bromochloromethane
Concen: 2.66 ug/L m
RT: 4.253 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 128 Resp: 6825
Ion Ratio Lower Upper
128 100
49 65.4 91.3 169.6#
130 68.9 86.8 161.2#
51 25.9 34.2 51.4#





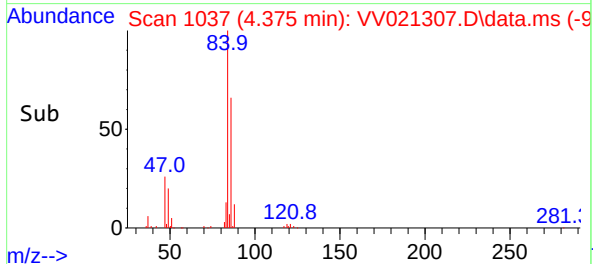
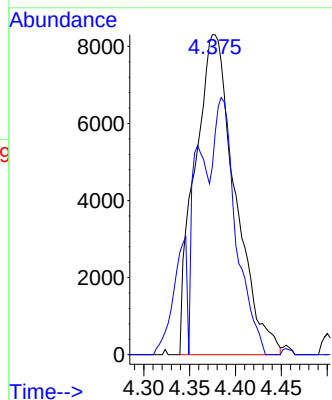
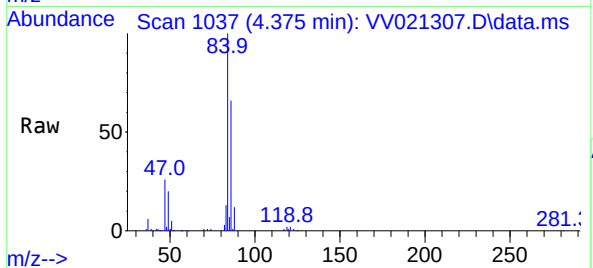
#25

Chloroform
Concen: 2.72 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 83 Resp: 25313
Ion Ratio Lower Upper
83 100
85 58.9 45.6 84.6

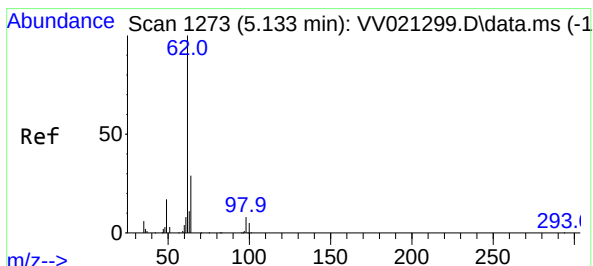
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-MED-SOIL-QT3-2021-05

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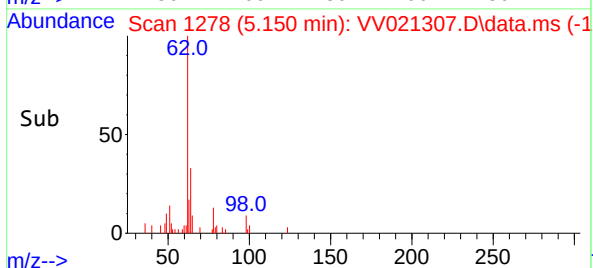
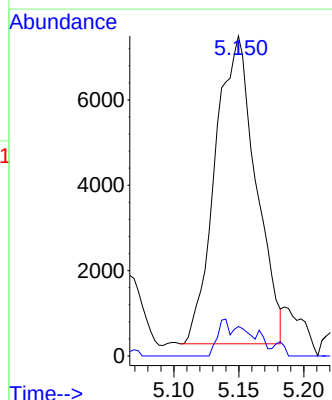
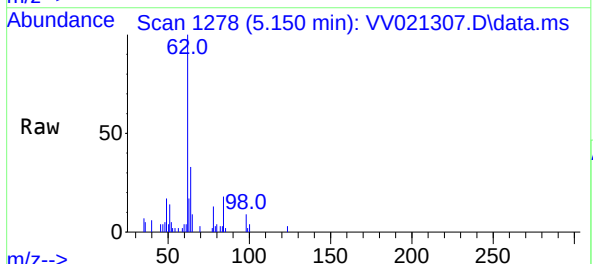
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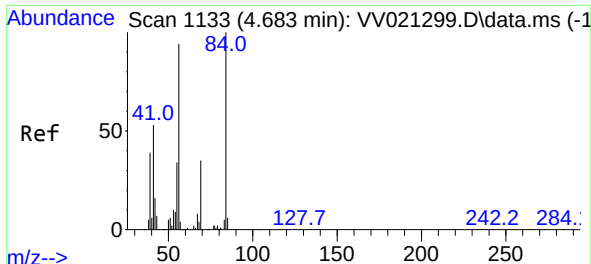


#27

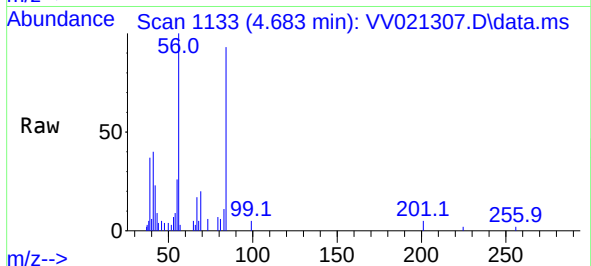
1,2-Dichloroethane
Concen: 1.85 ug/L
RT: 5.150 min Scan# 1278
Delta R.T. 0.016 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 62 Resp: 15667
Ion Ratio Lower Upper
62 100
98 9.2 6.7 10.1

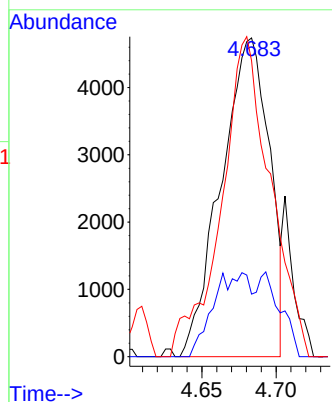




#29
Cyclohexane
Concen: 2.04 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

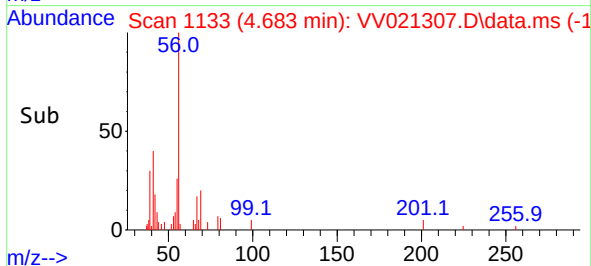


Tgt Ion: 56 Resp: 10715
Ion Ratio Lower Upper
56 100
69 13.2 25.7 38.5#
84 93.8 75.7 113.5



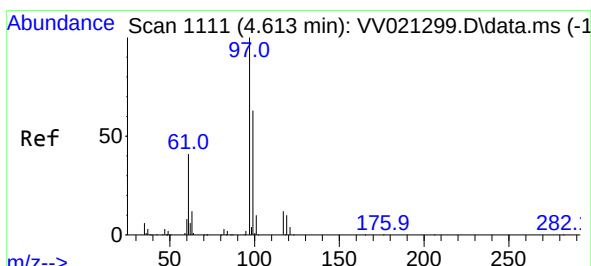
Instrument :
MSVOA_V
ClientSampleId :
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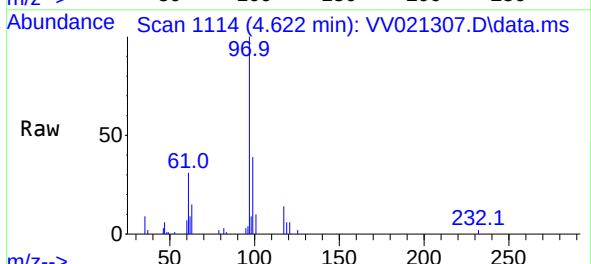


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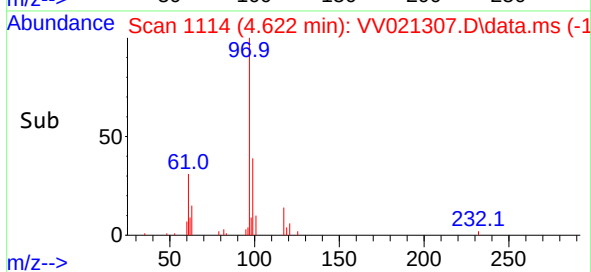
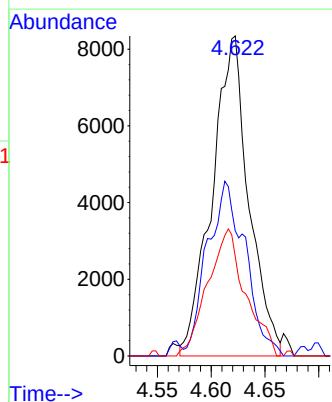
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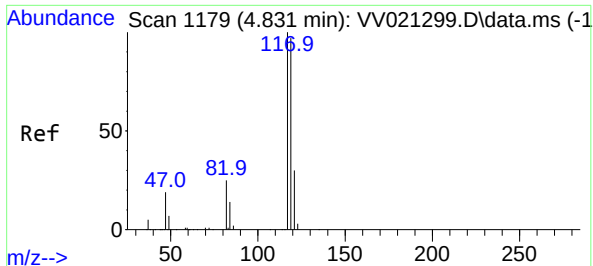


#30
1,1,1-Trichloroethane
Concen: 2.03 ug/L
RT: 4.622 min Scan# 1114
Delta R.T. 0.010 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21



Tgt Ion: 97 Resp: 19812
Ion Ratio Lower Upper
97 100
99 39.5 51.6 77.4#
61 40.8 32.1 48.1



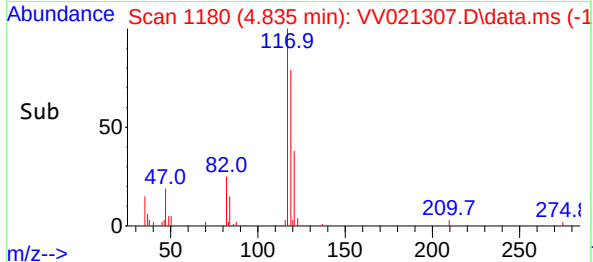
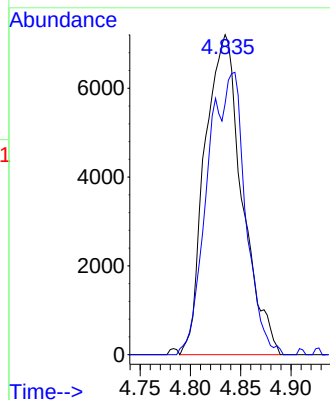
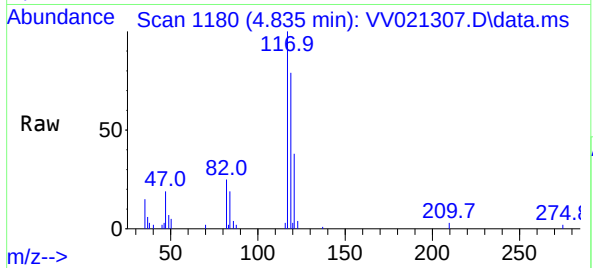


#31
Carbon tetrachloride
Concen: 2.04 ug/L
RT: 4.835 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 117 Resp: 18511
Ion Ratio Lower Upper
117 100
119 39.8 75.4 113.2#

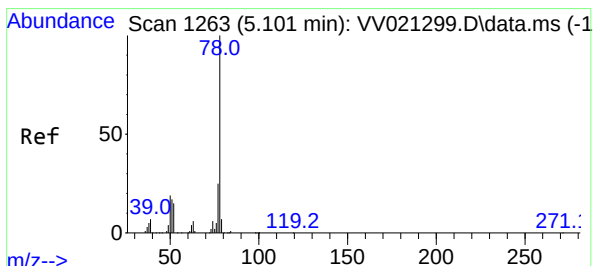
Instrument :
MSVOA_V
ClientSampleId :
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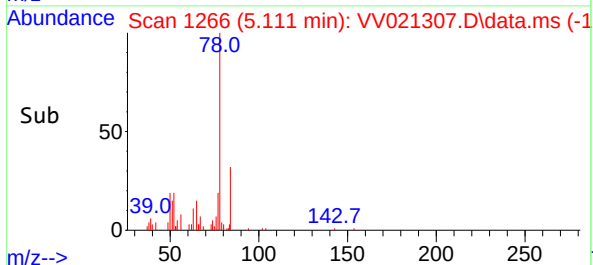
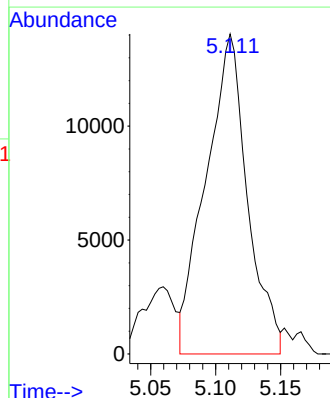
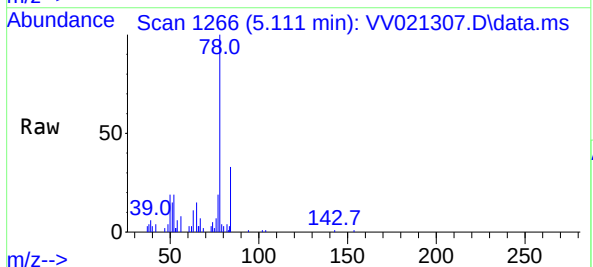
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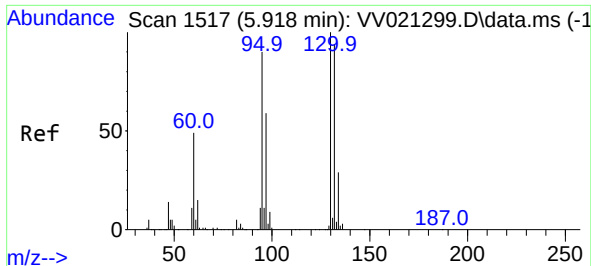
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#33
Benzene
Concen: 1.95 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.010 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 78 Resp: 31134



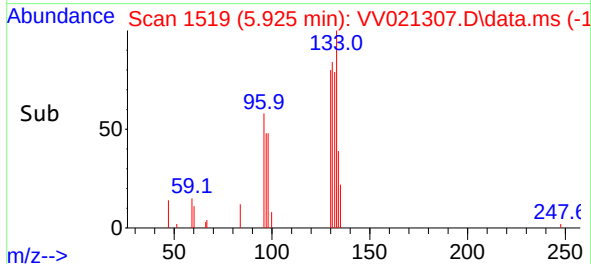
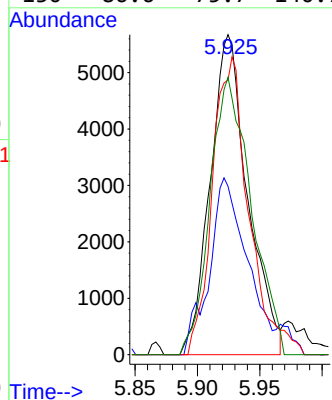
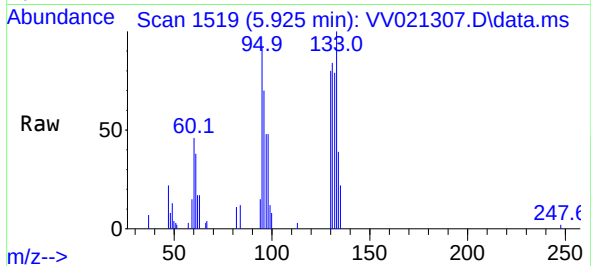


#34
Trichloroethene
Concen: 2.31 ug/L
RT: 5.925 min Scan# 1519
Delta R.T. 0.007 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion:	95	Resp:	11898
Ion	Ratio	Lower	Upper
95	100		
97	52.6	45.5	84.5
132	85.8	71.0	131.8
130	86.6	75.7	140.7

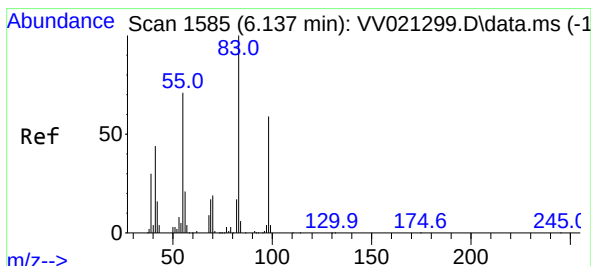
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-MED-SOIL-QT3-2021-05

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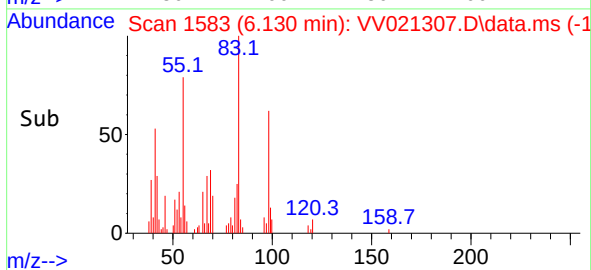
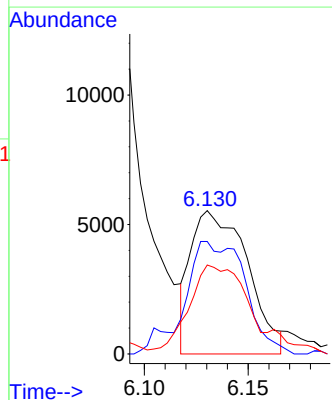
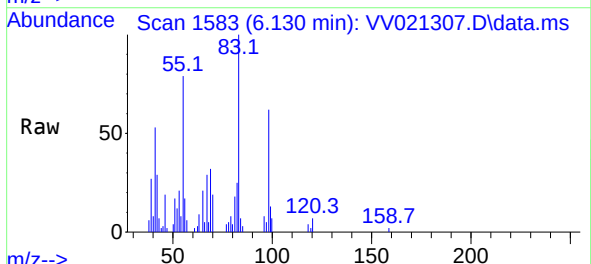
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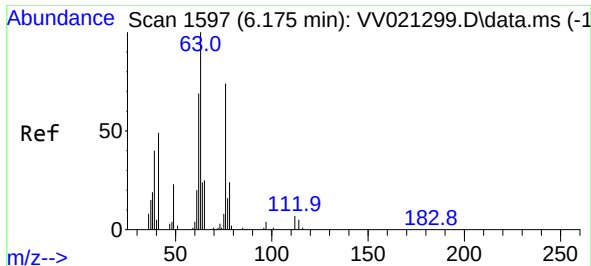
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#35
Methylcyclohexane
Concen: 1.56 ug/L m
RT: 6.130 min Scan# 1583
Delta R.T. -0.006 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion:	83	Resp:	10450
Ion	Ratio	Lower	Upper
83	100		
55	33.2	58.2	87.2#
98	56.6	40.6	60.8



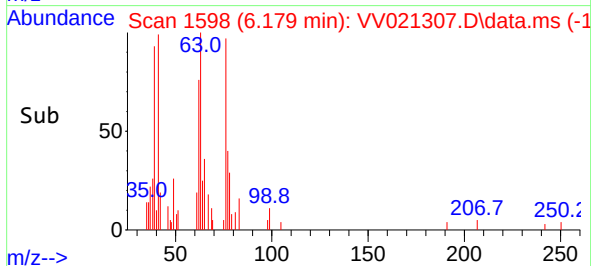
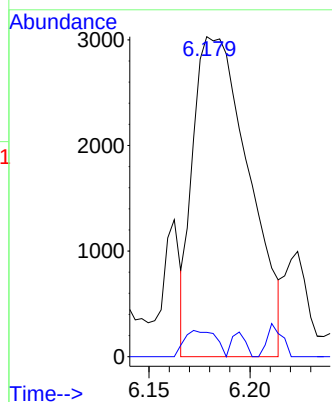
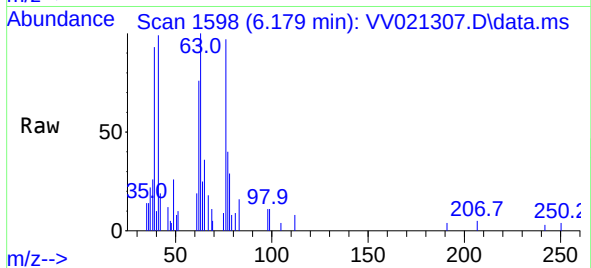


#37
1,2-Dichloropropane
Concen: 1.73 ug/L m
RT: 6.179 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 63 Resp: 5821
Ion Ratio Lower Upper
63 100
112 2.6 3.9 5.9#

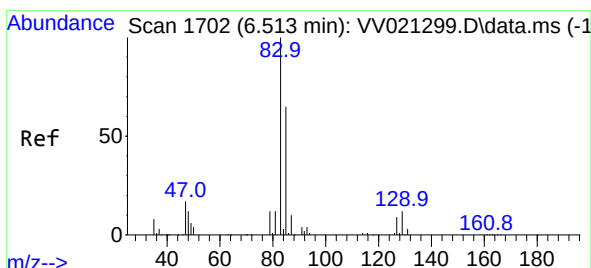
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-MED-SOIL-QT3-2021-05

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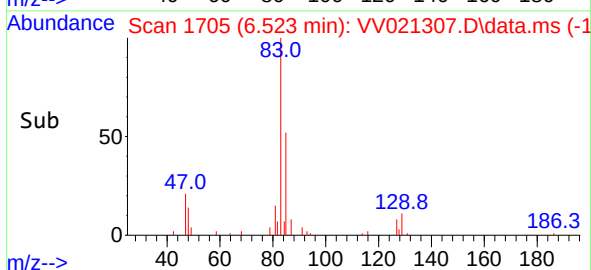
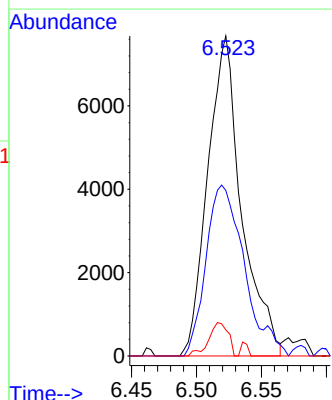
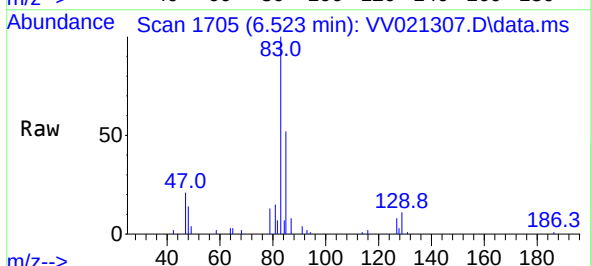
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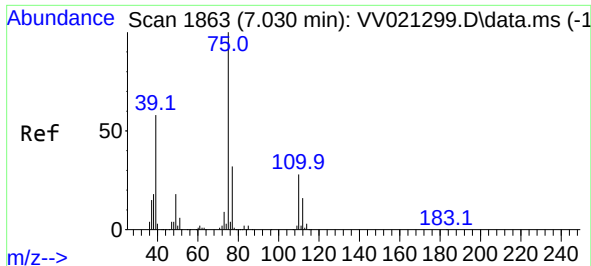
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#38
Bromodichloromethane
Concen: 1.95 ug/L
RT: 6.523 min Scan# 1705
Delta R.T. 0.010 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 83 Resp: 13929
Ion Ratio Lower Upper
83 100
85 51.7 46.2 85.8
127 10.9 7.4 11.0



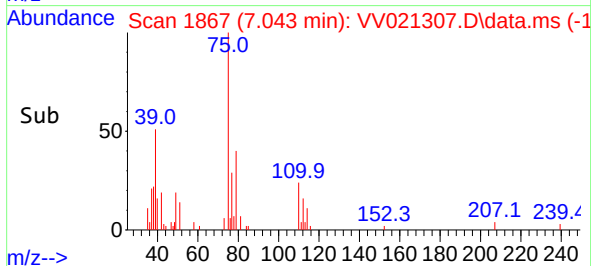
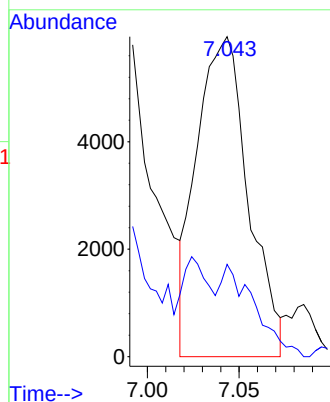
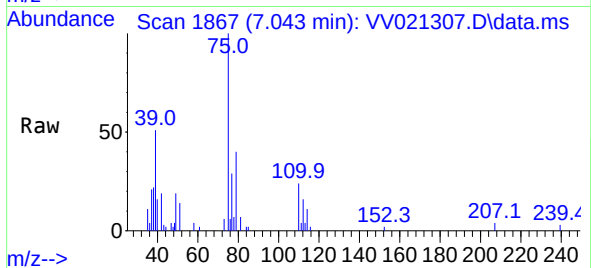


#39
cis-1,3-Dichloropropene
Concen: 1.77 ug/L
RT: 7.043 min Scan# 1867
Delta R.T. 0.013 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 75 Resp: 11645
Ion Ratio Lower Upper
75 100
77 28.9 21.8 40.6

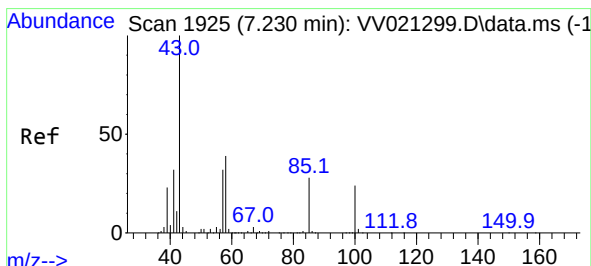
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-MED-SOIL-QT3-2021-05

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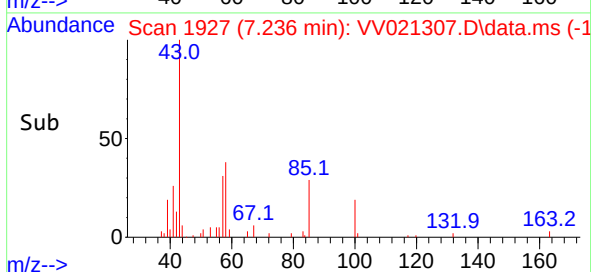
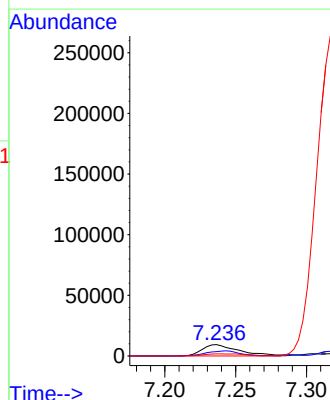
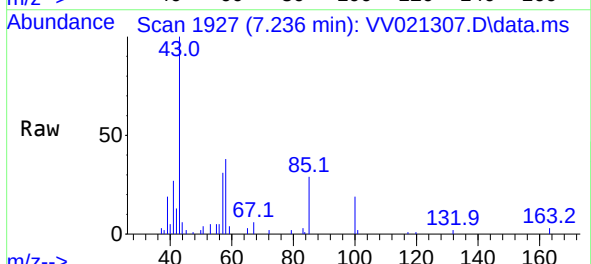
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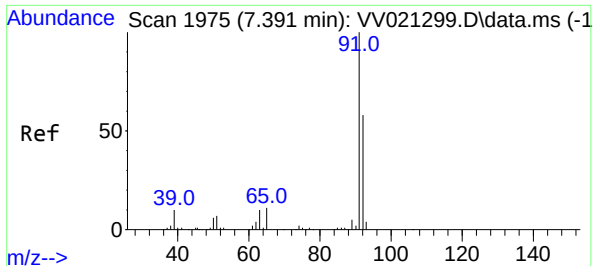
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#40
4-Methyl-2-pentanone
Concen: 3.52 ug/L
RT: 7.236 min Scan# 1927
Delta R.T. 0.007 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 43 Resp: 16804
Ion Ratio Lower Upper
43 100
58 41.0 34.5 51.7
100 9.9 15.2 22.8#



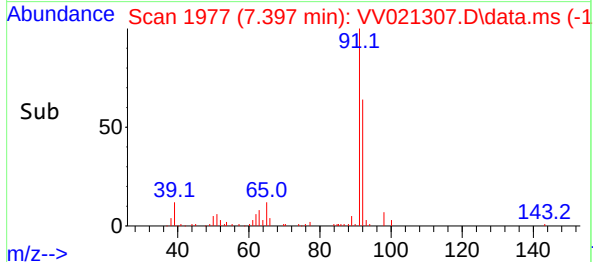
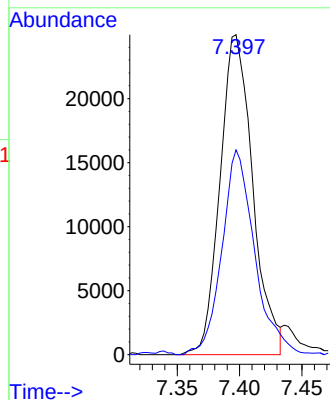
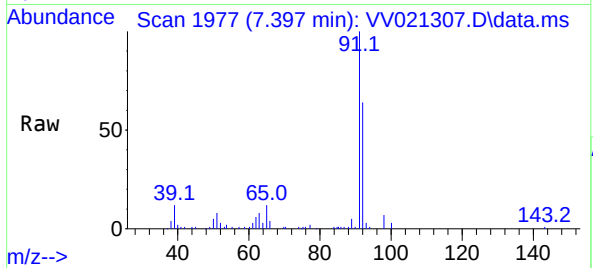


#42
Toluene
Concen: 2.45 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.007 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 91 Resp: 45677
Ion Ratio Lower Upper
91 100
92 64.0 41.0 76.2

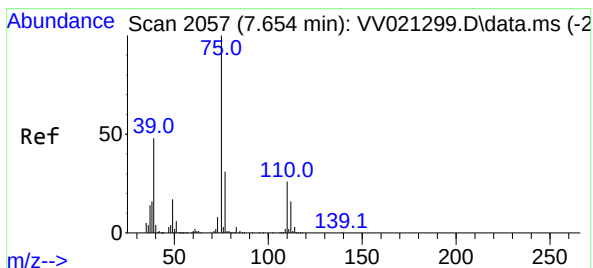
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-MED-SOIL-QT3-2021-05

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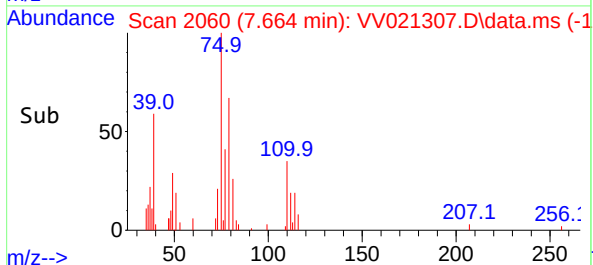
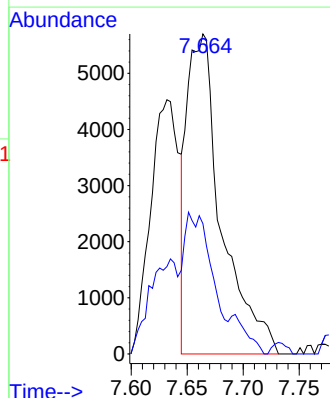
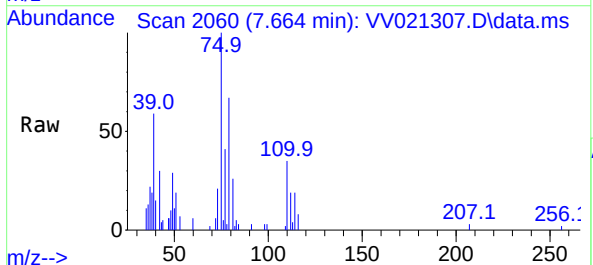
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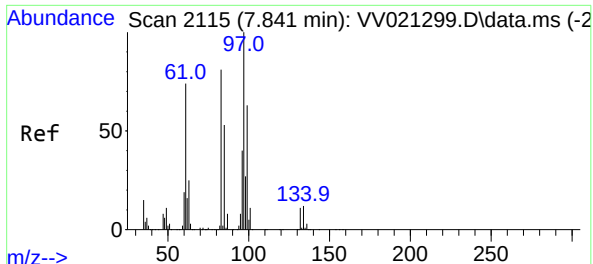
5/11/2021 1:12:10 PM



#44
trans-1,3-Dichloropropene
Concen: 1.70 ug/L m
RT: 7.664 min Scan# 2060
Delta R.T. 0.010 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 75 Resp: 12196
Ion Ratio Lower Upper
75 100
77 40.7 21.8 40.6#



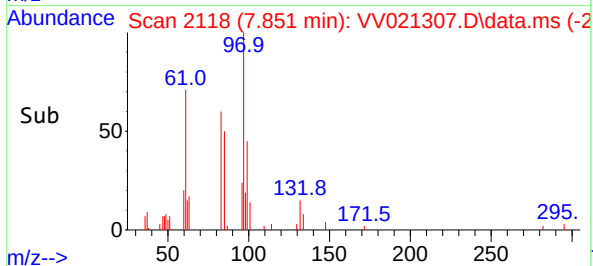
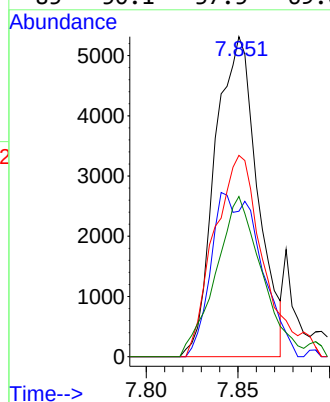
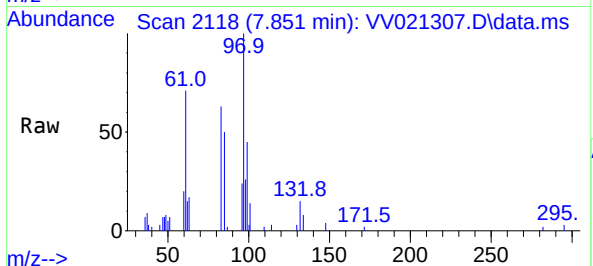


#45
1,1,2-Trichloroethane
Concen: 1.98 ug/L
RT: 7.851 min Scan# 2118
Delta R.T. 0.010 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion:	97	Resp:	8566
Ion	Ratio	Lower	Upper
97	100		
99	45.4	43.7	81.1
83	62.9	59.6	110.6
85	50.1	37.5	69.6

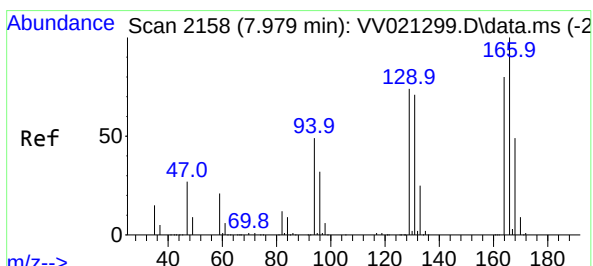
Instrument :
MSVOA_V
ClientSampleId :
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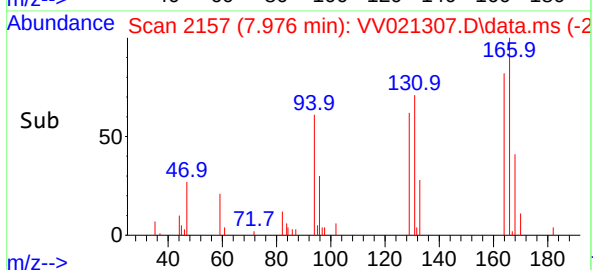
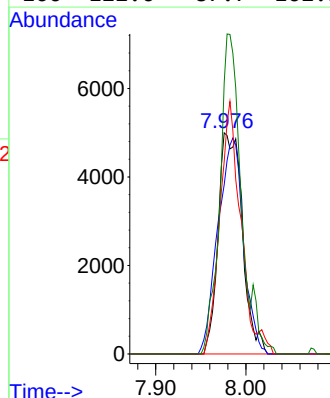
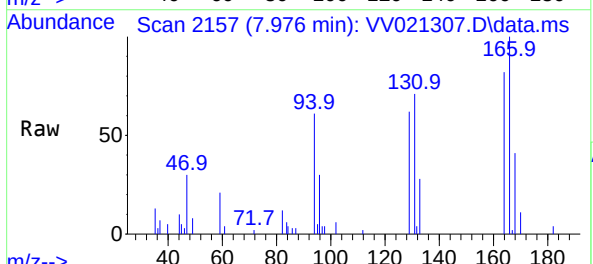
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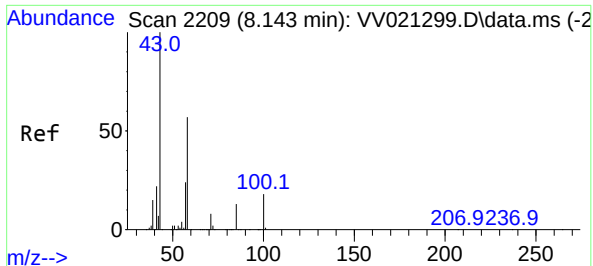
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#46
Tetrachloroethene
Concen: 2.11 ug/L m
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

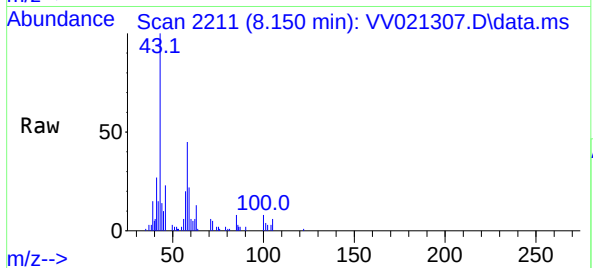
Tgt Ion:	164	Resp:	9338
Ion	Ratio	Lower	Upper
164	100		
129	76.6	63.8	118.4
131	87.0	59.3	110.1
166	122.6	87.7	162.9





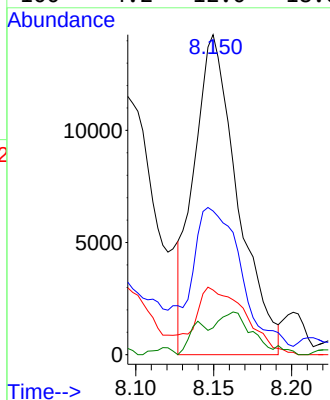
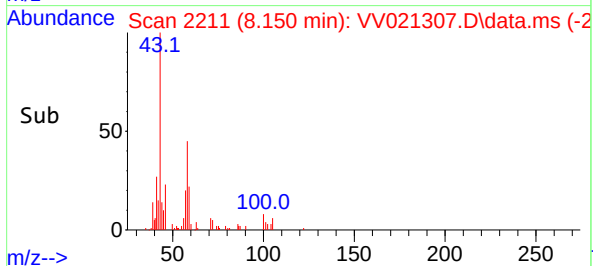
#48
2-Hexanone
Concen: 7.26 ug/L
RT: 8.150 min Scan# 2211
Delta R.T. 0.007 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Instrument :
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ClientSampleId :
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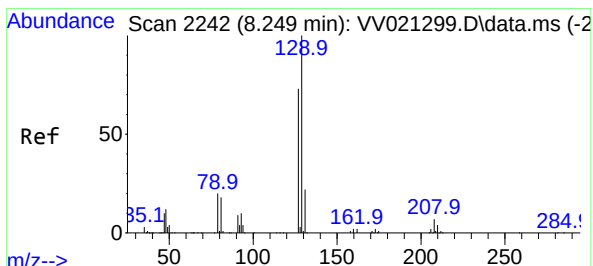
Tgt Ion: 43 Resp: 27877
Ion Ratio Lower Upper
43 100
58 50.6 46.8 70.2
57 22.7 17.6 26.4
100 4.2 12.0 18.0#

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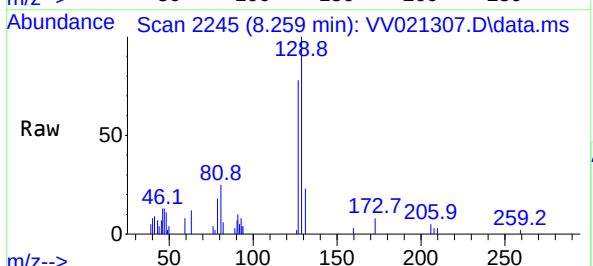


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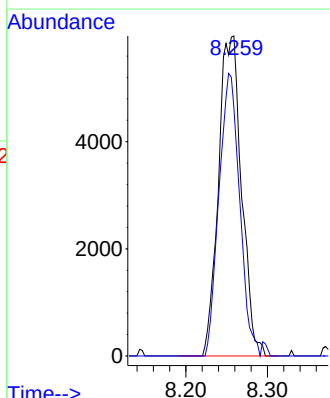
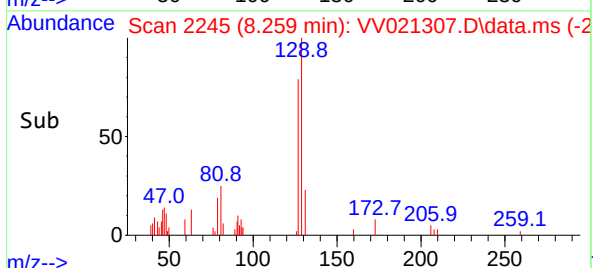
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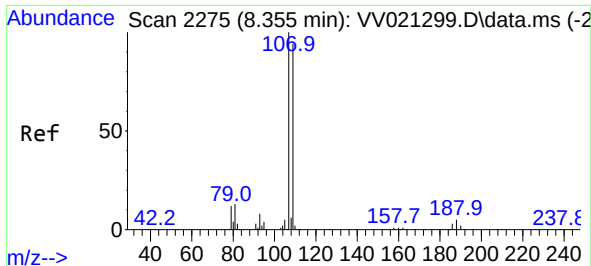


#49
Dibromochloromethane
Concen: 1.91 ug/L m
RT: 8.259 min Scan# 2245
Delta R.T. 0.010 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21



Tgt Ion: 129 Resp: 11756
Ion Ratio Lower Upper
129 100
127 77.6 55.2 102.6



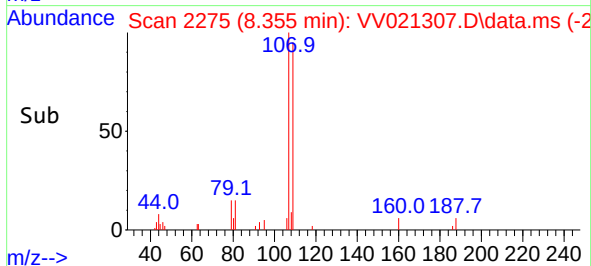
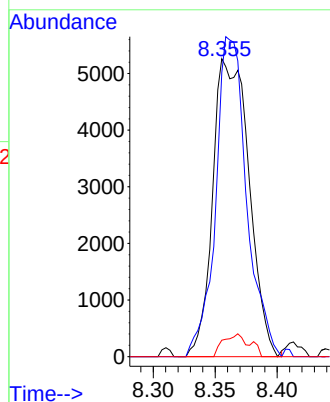
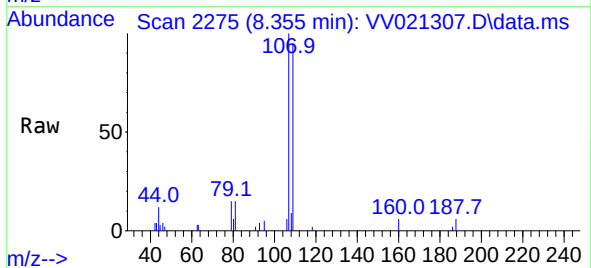


#50
1,2-Dibromoethane
Concen: 2.19 ug/L m
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion:107 Resp: 10690
Ion Ratio Lower Upper
107 100
109 95.3 63.8 118.6
188 5.5 3.4 5.0#

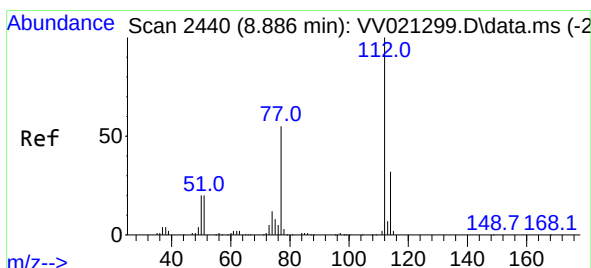
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-MED-SOIL-QT3-2021-05

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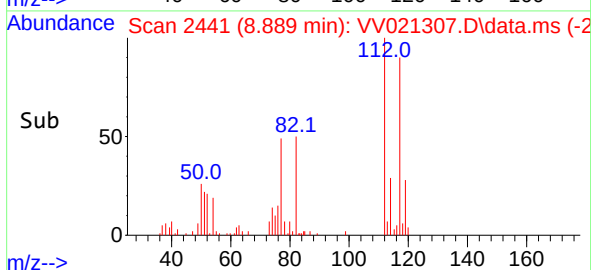
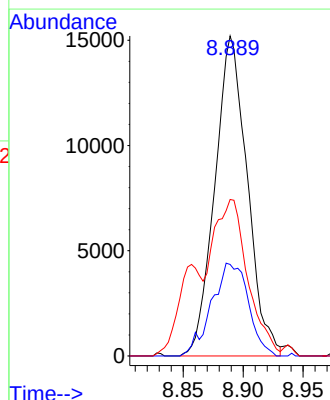
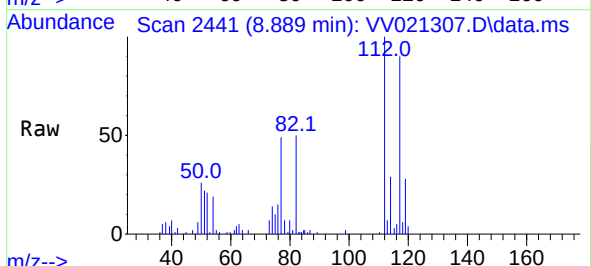
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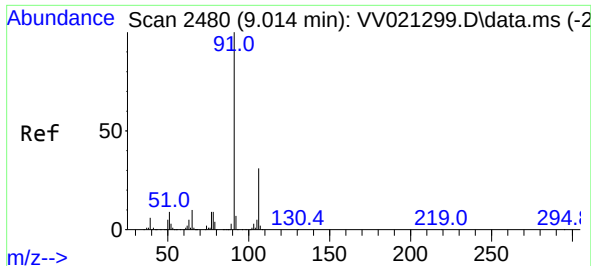
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#51
Chlorobenzene
Concen: 2.22 ug/L
RT: 8.889 min Scan# 2441
Delta R.T. 0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion:112 Resp: 28579
Ion Ratio Lower Upper
112 100
114 28.6 22.8 42.4
77 48.9 44.2 66.2



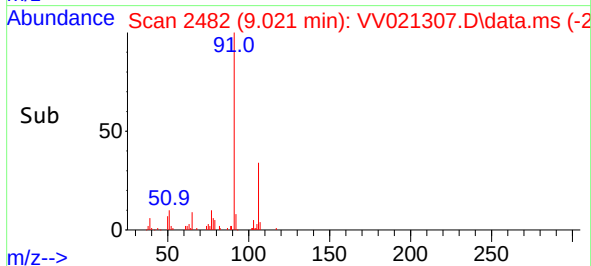
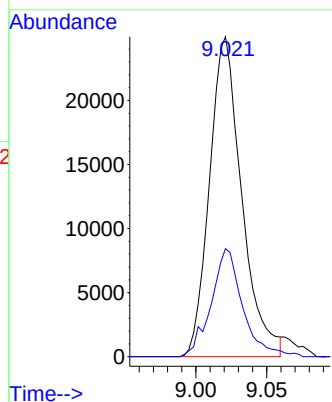
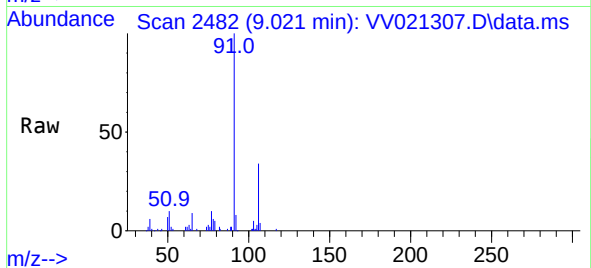


#52
Ethylbenzene
Concen: 1.84 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.007 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 91 Resp: 39483
Ion Ratio Lower Upper
91 100
106 33.7 21.8 40.4

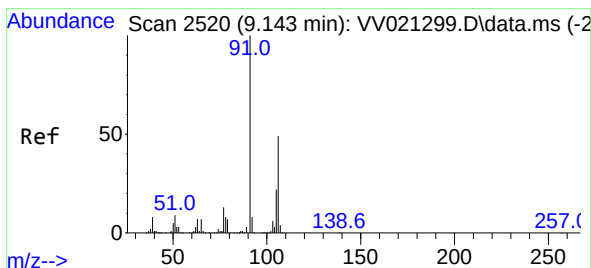
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-MED-SOIL-QT3-2021-05

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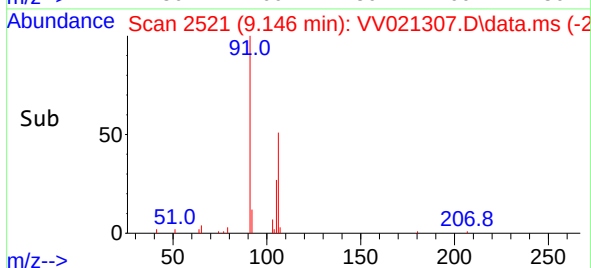
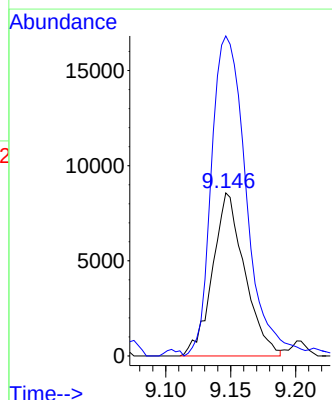
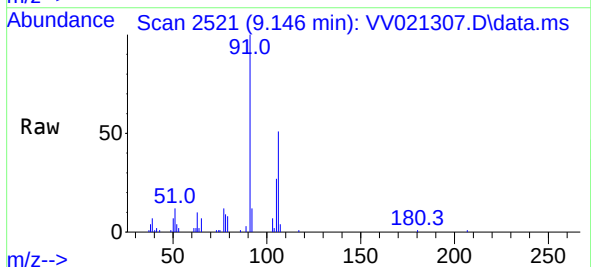
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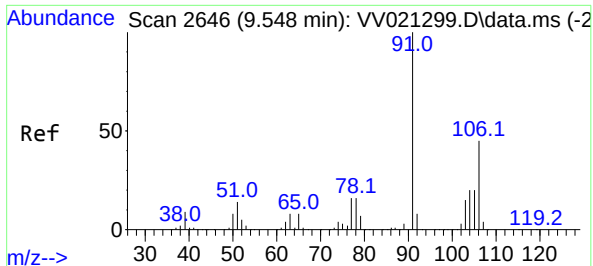
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#53
m,p-Xylene
Concen: 1.74 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion: 106 Resp: 14724
Ion Ratio Lower Upper
106 100
91 196.3 144.3 267.9



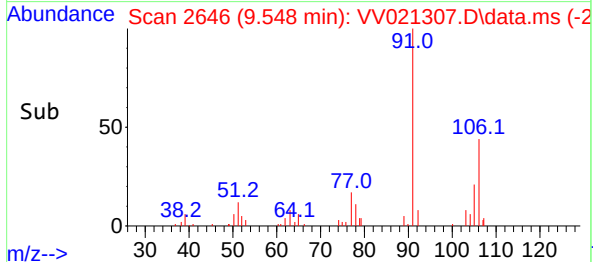
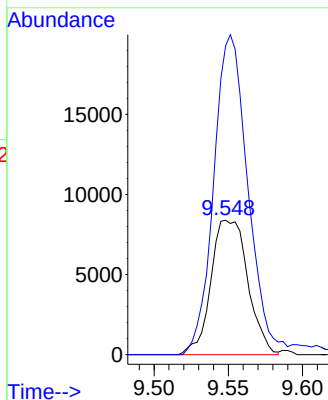
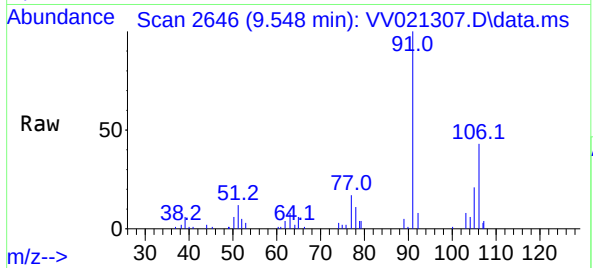


#54
o-Xylene
Concen: 1.78 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion:106 Resp: 14529
Ion Ratio Lower Upper
106 100
91 230.2 150.4 279.4

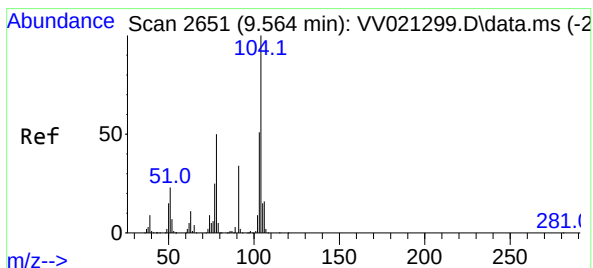
Instrument :
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ClientSampleId :
MDL-MED-MED-SOIL-QT3-2021-05

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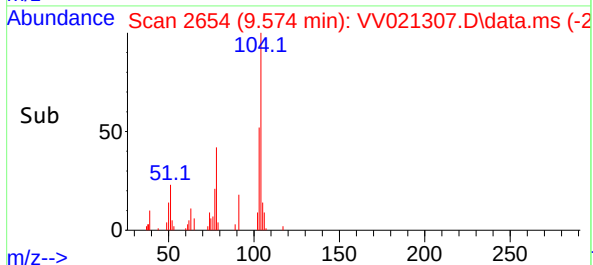
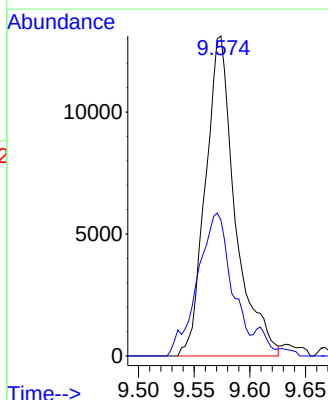
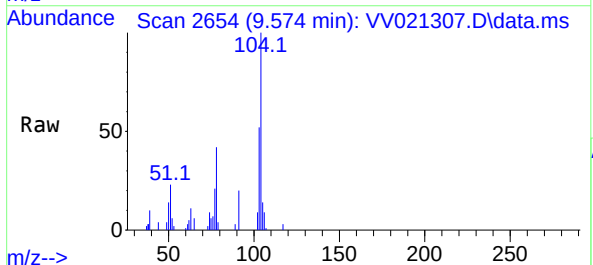
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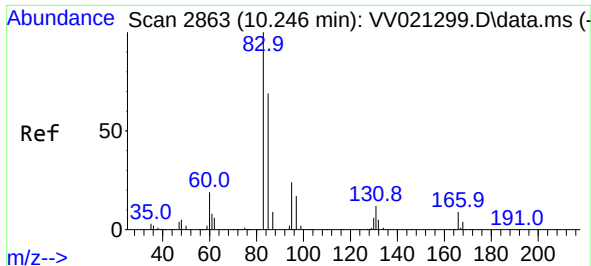
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#55
Styrene
Concen: 1.76 ug/L
RT: 9.574 min Scan# 2654
Delta R.T. 0.010 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion:104 Resp: 24328
Ion Ratio Lower Upper
104 100
78 42.4 32.4 60.2



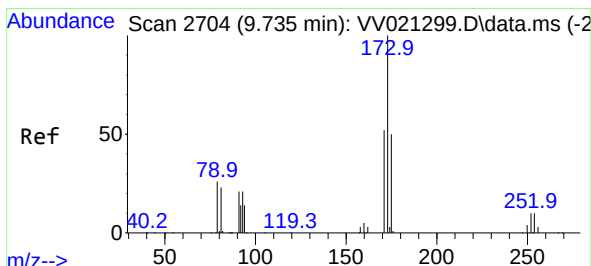
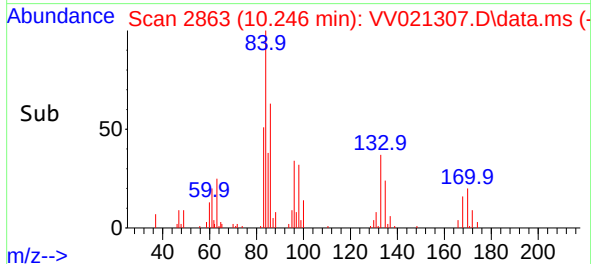
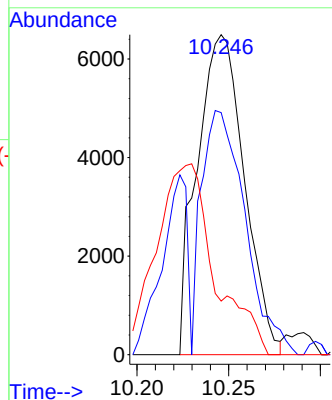
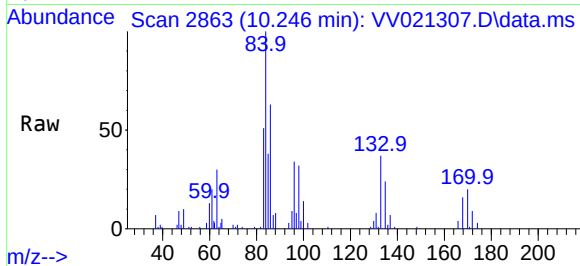


#57
1,1,2,2-Tetrachloroethane
Concen: 1.99 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion:	83	Resp:	11648
Ion Ratio	Lower	Upper	
83	100		
85	75.7	45.8	85.0
131	16.8	8.8	13.2#

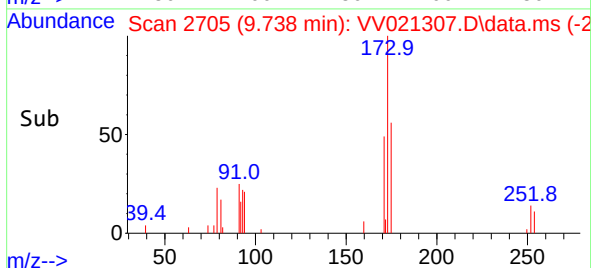
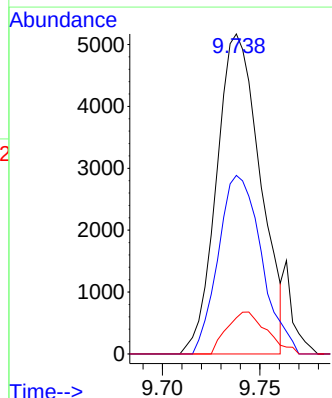
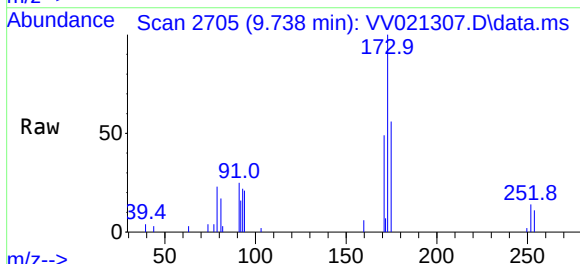
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-MED-SOIL-QT3-2021-05

Manual Integrations
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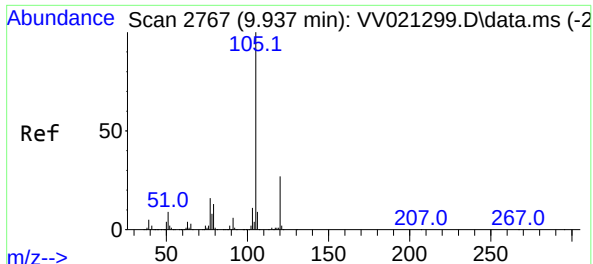
#59
Bromoform
Concen: 1.81 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion:	173	Resp:	8056
Ion Ratio	Lower	Upper	
173	100		
175	55.1	38.9	58.3
254	11.7	8.3	12.5



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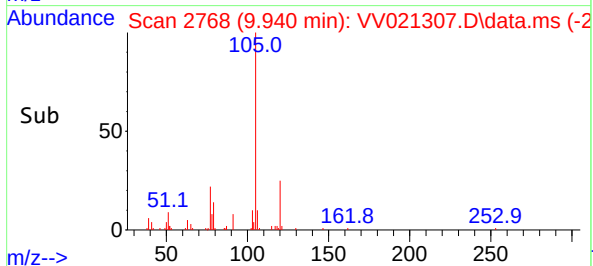
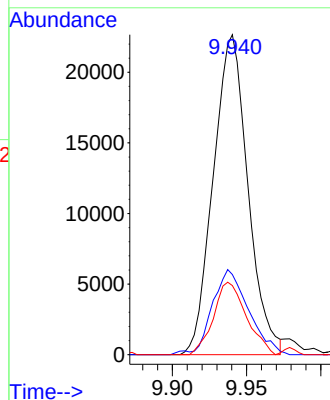
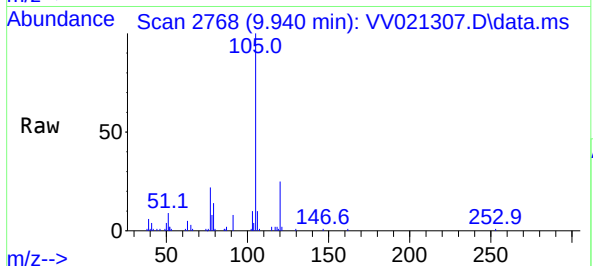


#60
Isopropylbenzene
Concen: 1.73 ug/L
RT: 9.940 min Scan# 2768
Delta R.T. 0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion:	105	Resp:	36759
Ion	Ratio	Lower	Upper
105	100		
120	27.4	21.8	32.6
77	21.6	12.9	19.3

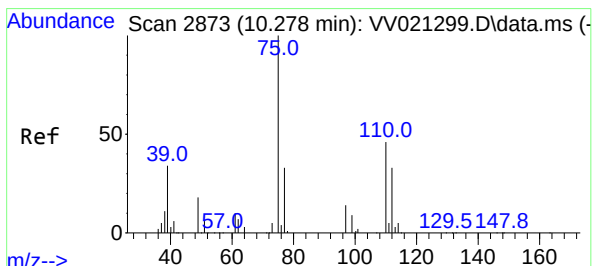
Instrument :
MSVOA_V
ClientSampleId :
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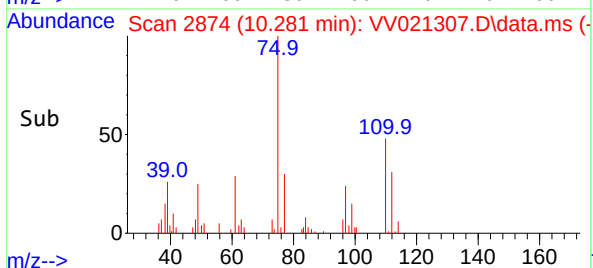
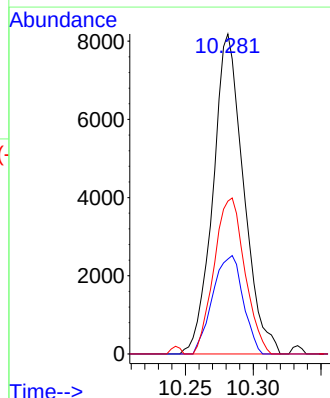
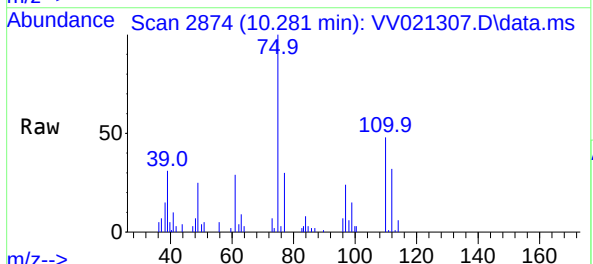
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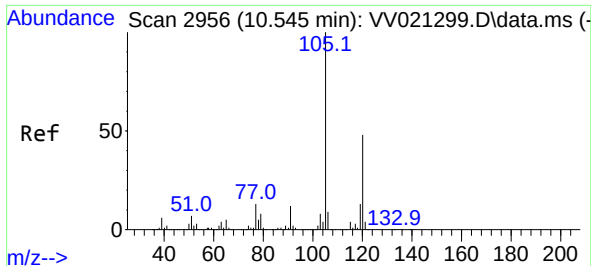
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#61
1,2,3-Trichloropropane
Concen: 2.36 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. 0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion:	75	Resp:	12802
Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.8	38.8
110	49.0	34.9	52.3



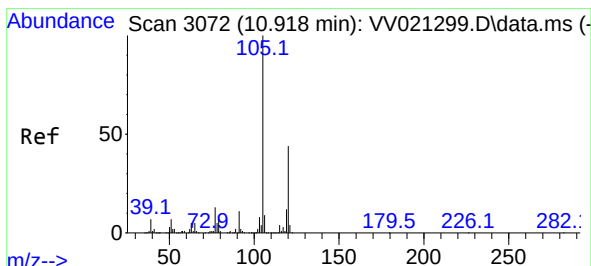
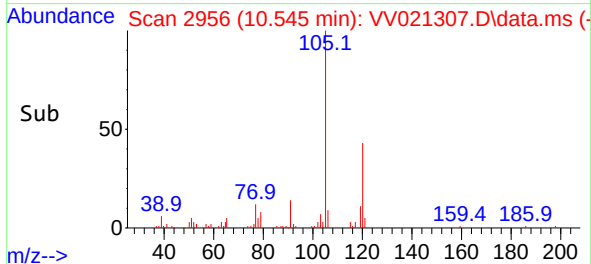
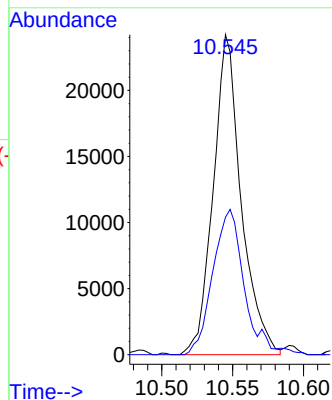
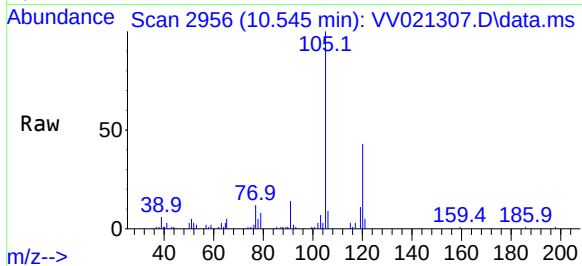


#62
1,3,5-Trimethylbenzene
Concen: 1.79 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion:105 Resp: 33304
Ion Ratio Lower Upper
105 100
120 47.6 38.9 58.3

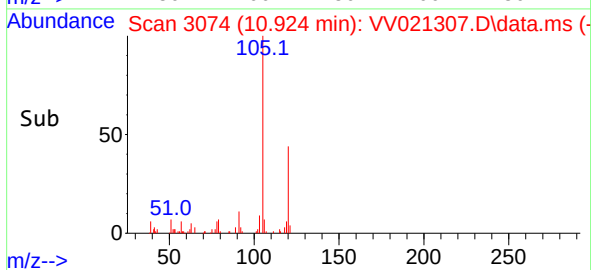
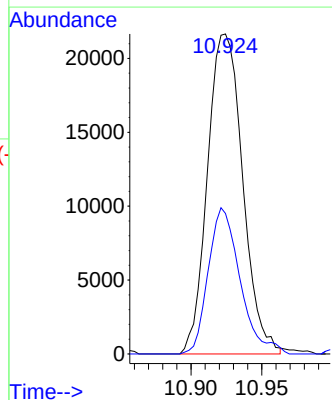
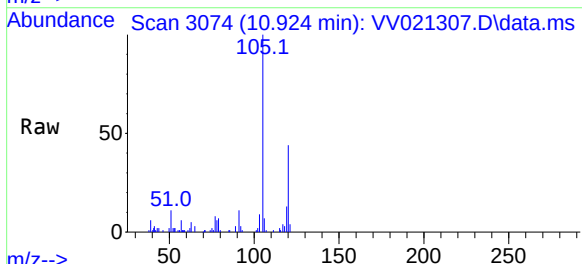
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-MED-SOIL-QT3-2021-05

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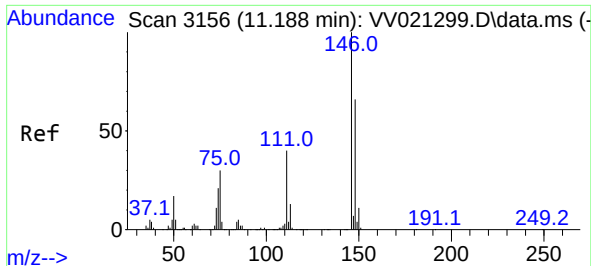
#63
1,2,4-Trimethylbenzene
Concen: 2.01 ug/L
RT: 10.924 min Scan# 3074
Delta R.T. 0.007 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion:105 Resp: 37473
Ion Ratio Lower Upper
105 100
120 40.3 37.7 56.5

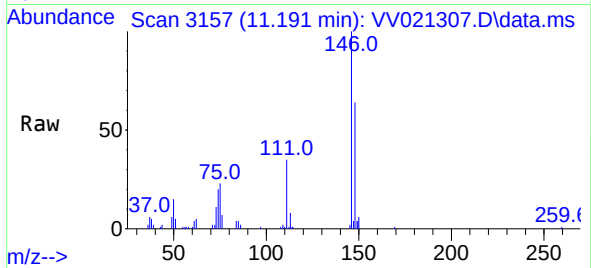


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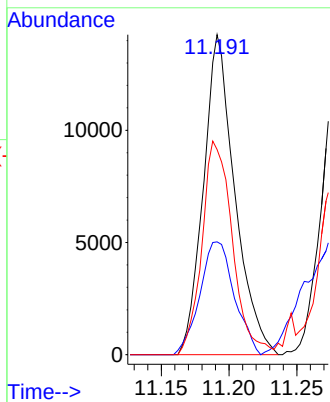
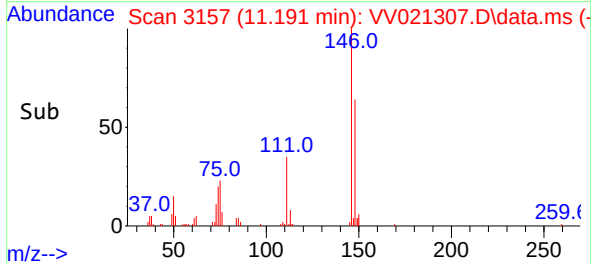
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#64
1,3-Dichlorobenzene
Concen: 2.23 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21



Tgt Ion:146 Resp: 22987
Ion Ratio Lower Upper
146 100
111 35.3 27.6 51.2
148 64.1 45.1 83.7

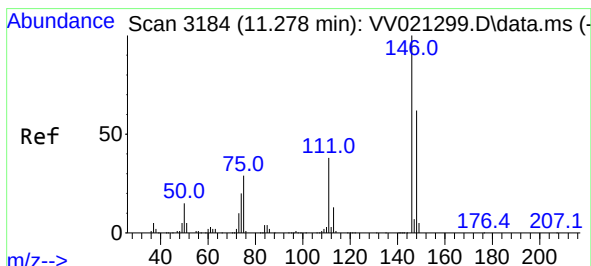


Instrument :
MSVOA_V
ClientSampleId :
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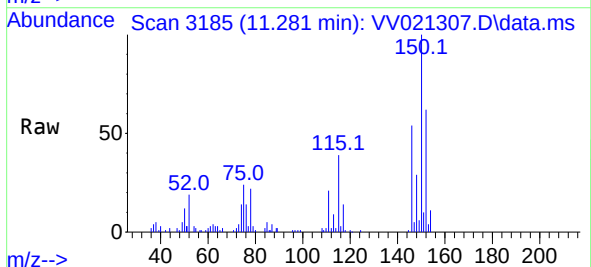
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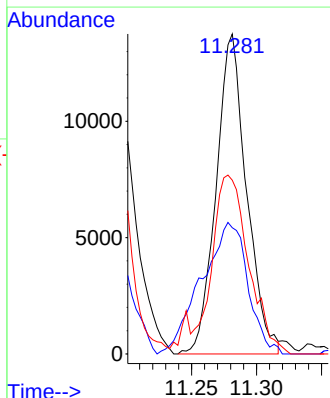
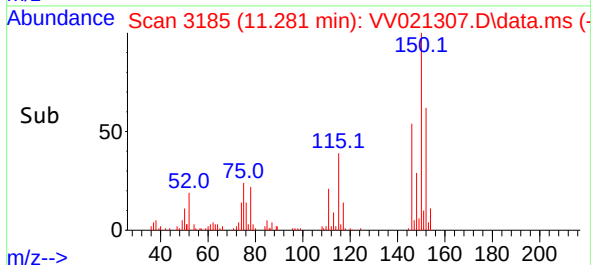
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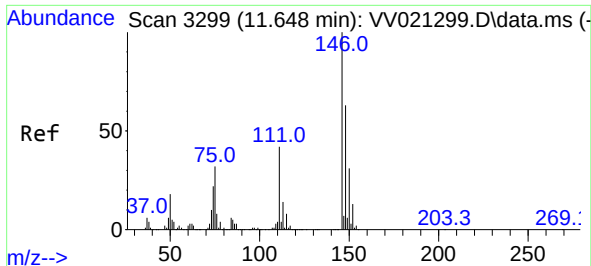


#65
1,4-Dichlorobenzene
Concen: 2.12 ug/L
RT: 11.281 min Scan# 3185
Delta R.T. 0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21



Tgt Ion:146 Resp: 22399
Ion Ratio Lower Upper
146 100
111 39.5 26.3 48.9
148 54.3 44.7 82.9



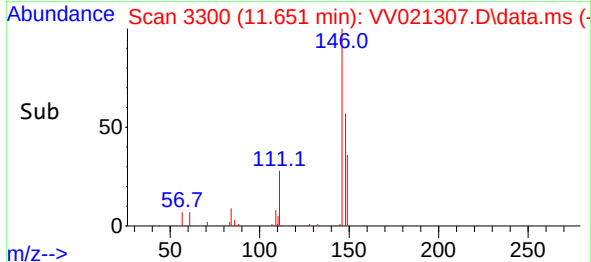
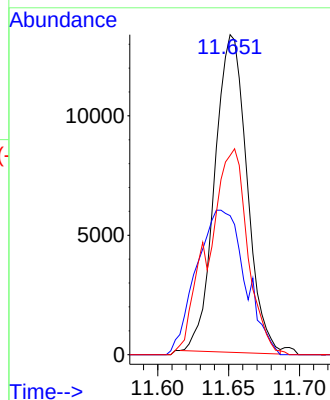
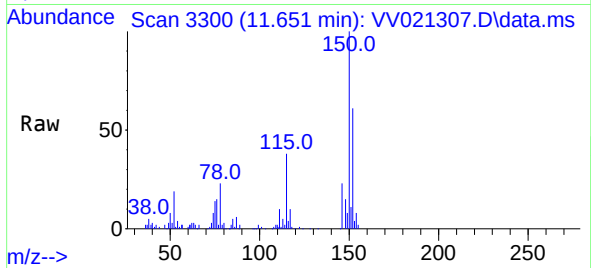


#67
1,2-Dichlorobenzene
Concen: 2.02 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Tgt Ion:	146	Resp:	21023
Ion Ratio	Lower	Upper	
146	100		
111	43.5	33.2	49.8
148	62.3	50.6	75.8

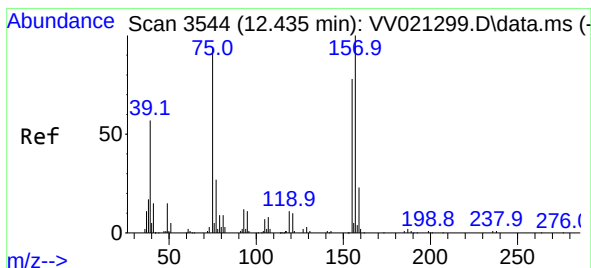
Instrument :
MSVOA_V
ClientSampleId :
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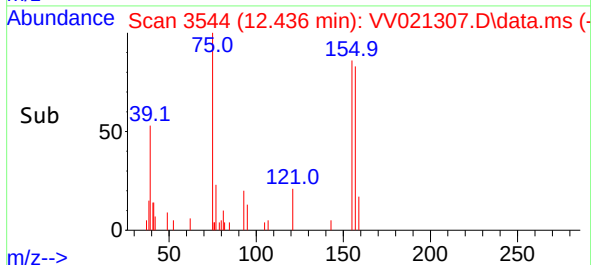
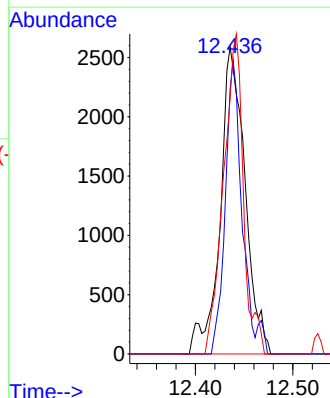
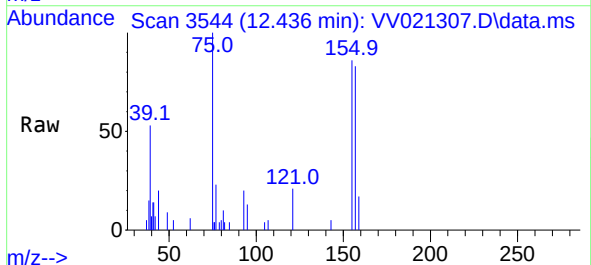
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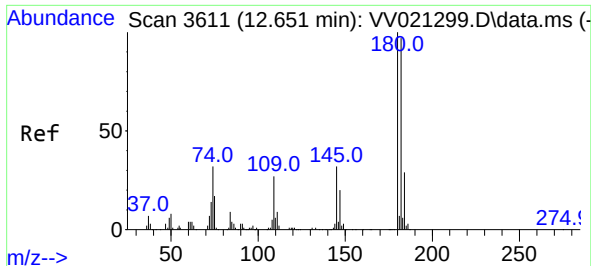
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#68
1,2-Dibromo-3-chloropropane
Concen: 2.42 ug/L
RT: 12.436 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

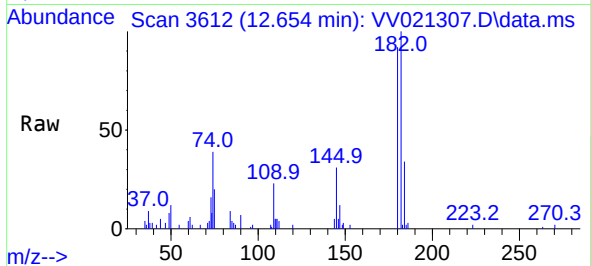
Tgt Ion:	75	Resp:	4582
Ion Ratio	Lower	Upper	
75	100		
155	86.4	72.8	109.2
157	83.3	94.6	142.0#





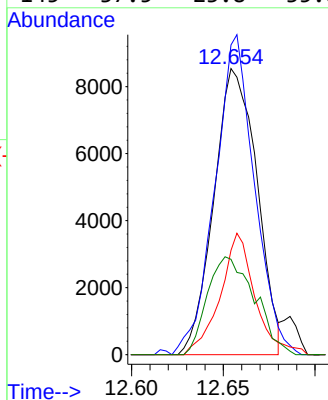
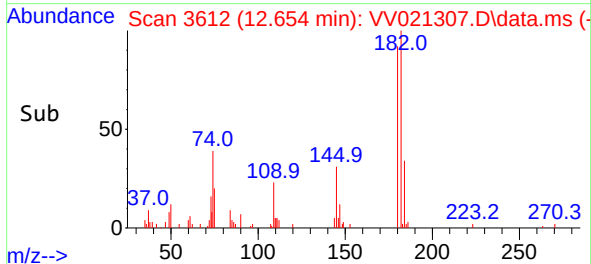
#69
1,3,5-Trichlorobenzene
Concen: 1.75 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. 0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

Instrument :
MSVOA_V
ClientSampleId :
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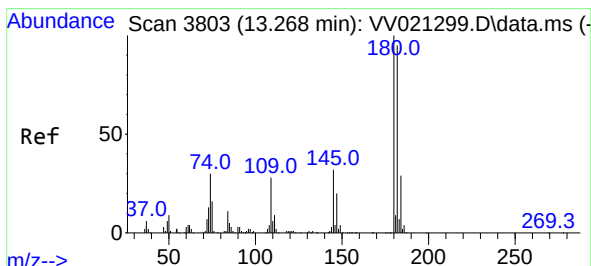
Tgt Ion:	180	Resp:	13951
Ion	Ratio	Lower	Upper
180	100		
182	102.6	77.4	116.0
184	34.5	24.1	36.1
145	37.5	23.8	35.8#

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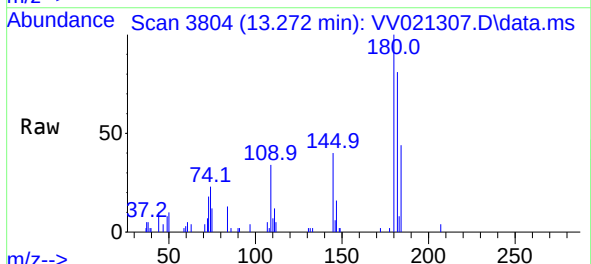


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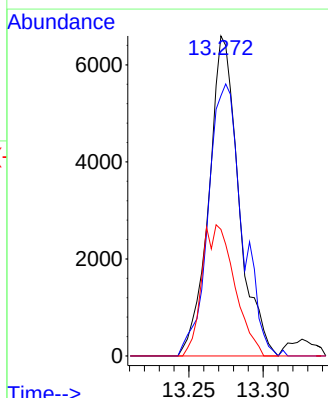
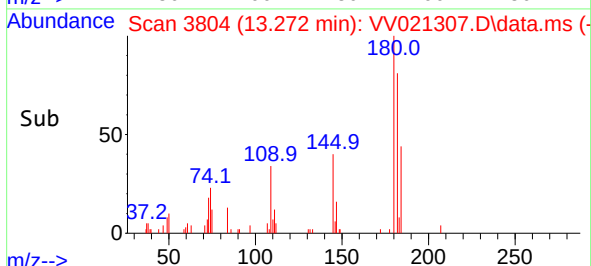
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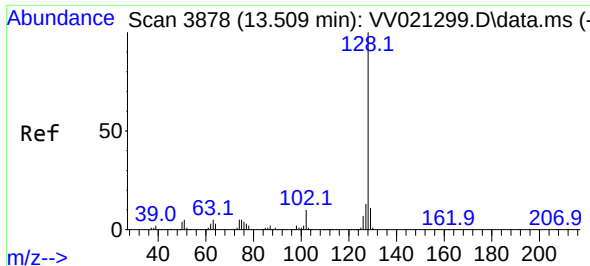


#70
1,2,4-trichlorobenzene
Concen: 1.42 ug/L
RT: 13.272 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

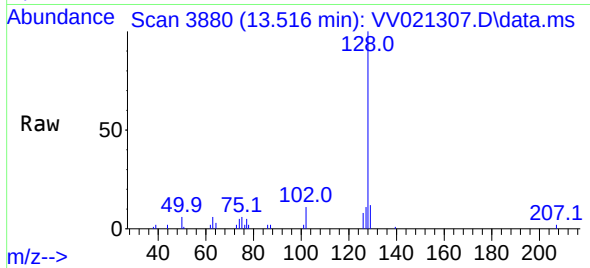


Tgt Ion:	180	Resp:	9245
Ion	Ratio	Lower	Upper
180	100		
182	84.2	77.5	116.3
145	28.6	24.3	36.5

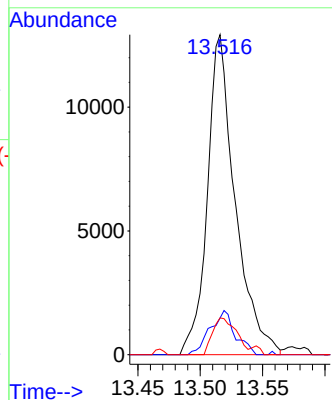




#71
Naphthalene
Concen: 1.12 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.007 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21

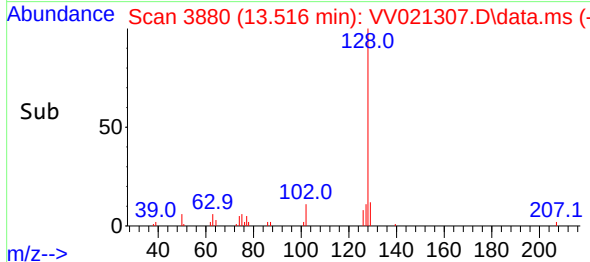


Tgt Ion:128 Resp: 20063
Ion Ratio Lower Upper
128 100
127 10.7 10.3 15.5
129 9.8 8.6 13.0



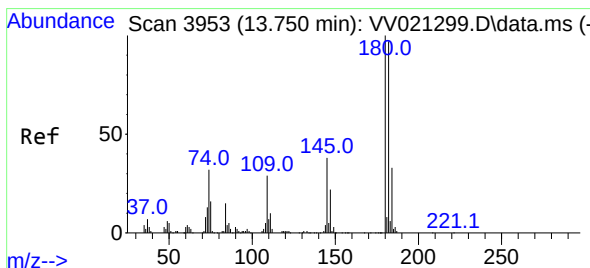
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-MED-SOIL-QT3-2021-05

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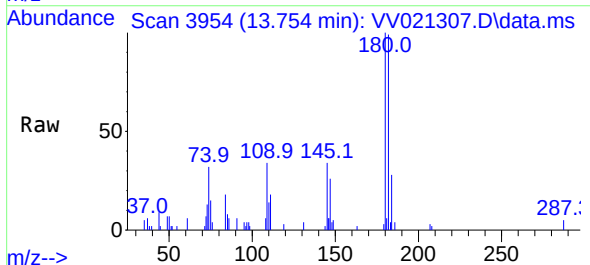


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#72
1,2,3-Trichlorobenzene
Concen: 1.52 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.003 min
Lab File: VV021307.D
Acq: 06 May 2021 14:21



Tgt Ion:180 Resp: 10020
Ion Ratio Lower Upper
180 100
182 93.9 75.9 113.9
145 35.8 25.0 37.6

