

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043512.D
 Acq On : 04 May 2021 11:50
 Operator : SY/MD
 Sample : M2195-03MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H2MS

Manual Integrations
 APPROVED

MMDadoda

5/6/2021 11:22:52 AM

Quant Time: May 05 07:26:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 04:50:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	92014	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	92664	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	47042	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35500	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.919	69	27425	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.571	65	16711	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	4.642	46	119344	51.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.92%
24) Chloroform-d	5.073	84	70192	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.713	65	42732	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.735	84	129298	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.700	67	43773	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.906	98	118448	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloroprop...	8.185	79	16462	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.642	63	83870	56.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.78%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35210	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	41047	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	27780	4.46	ug/L	96
3) Chloromethane	1.523	50	33126	5.04	ug/L	97
5) Vinyl chloride	1.607	62	31487	5.05	ug/L	96
6) Bromomethane	1.861	94	16237	5.51	ug/L	97
8) Chloroethane	1.938	64	21135	5.25	ug/L	100
9) Trichlorofluoromethane	2.144	101	46946	4.84	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	26823	4.48	ug/L	100
12) 1,1-Dichloroethene	2.588	96	25261	4.91	ug/L	94
13) Acetone	2.652	43	90625	59.16	ug/L	97
14) Carbon disulfide	2.800	76	65525	5.09	ug/L	98
15) Methyl Acetate	2.964	43	14839	4.25	ug/L	96
16) Methylene chloride	3.054	84	33586	4.08	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	78507	5.22	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	27429	5.12	ug/L	99
19) 1,1-Dichloroethane	3.880	63	66469	5.21	ug/L	99
21) 2-Butanone	4.723	43	135264	55.08	ug/L	100
22) cis-1,2-Dichloroethene	4.677	96	34611	5.49	ug/L	91
23) Bromochloromethane	4.986	128	15139	5.40	ug/L	92
25) Chloroform	5.099	83	70979	5.23	ug/L	99

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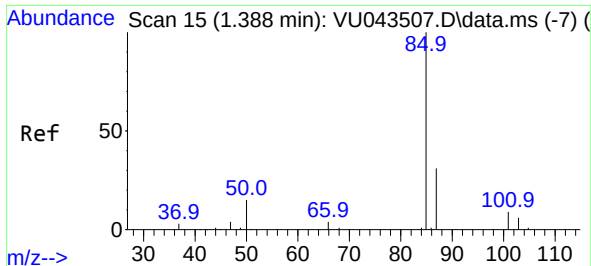
MMDadoda

5/6/2021 11:22:52 AM

Quant Time: May 05 07:26:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	48734	5.29	ug/L	100
29) 1,1,1-Trichloroethane	5.327	97	55914	5.13	ug/L	98
30) Cyclohexane	5.398	56	41865	4.81	ug/L	98
31) Carbon tetrachloride	5.533	117	45323	5.08	ug/L	98
33) Benzene	5.784	78	132724	5.43	ug/L	100
34) Trichloroethene	6.549	95	38933	6.25	ug/L	97
35) Methylcyclohexane	6.771	83	35607	4.42	ug/L	98
37) 1,2-Dichloropropane	6.800	63	38955	5.35	ug/L	99
38) Bromodichloromethane	7.115	83	49131	5.20	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	45253	4.68	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	324443	54.40	ug/L	99
42) Toluene	7.976	91	145704	5.71	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	41690	4.74	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	26093	5.18	ug/L	98
47) Tetrachloroethene	8.565	164	2520085	548.80	ug/L	96
48) 2-Hexanone	8.693	43	241403	54.57	ug/L	99
49) Dibromochloromethane	8.819	129	31399m	5.16	ug/L	
50) 1,2-Dibromoethane	8.931	107	24101	5.14	ug/L	97
51) Chlorobenzene	9.455	112	84109	5.18	ug/L	99
52) Ethylbenzene	9.578	91	144240	5.33	ug/L	99
53) m,p-Xylene	9.700	106	52001	5.29	ug/L	99
54) o-Xylene	10.108	106	49503	5.18	ug/L	96
55) Styrene	10.121	104	65232	3.89	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	34081	5.02	ug/L	92
59) Bromoform	10.298	173	17684	5.17	ug/L	100
60) Isopropylbenzene	10.491	105	136316	5.32	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	25123	5.28	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	99653	4.95	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	96280	4.77	ug/L	98
64) 1,3-Dichlorobenzene	11.754	146	66233	5.21	ug/L	100
65) 1,4-Dichlorobenzene	11.844	146	66773	5.12	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	65654	5.13	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	6054	5.33	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	49183	4.89	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	39215	4.73	ug/L	100
71) Naphthalene	14.095	128	65696	4.60	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	38168	4.90	ug/L	98

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



#2
Dichlorodifluoromethane
Concen: 4.46 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

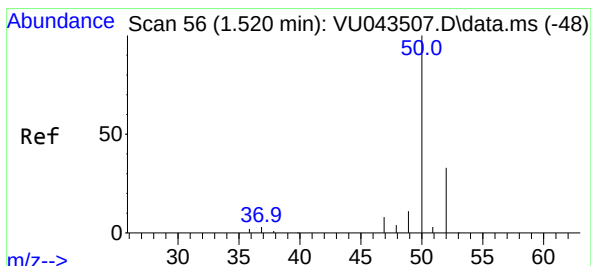
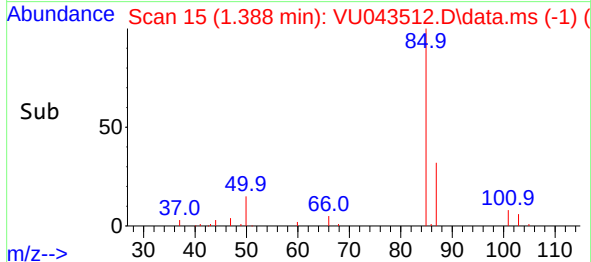
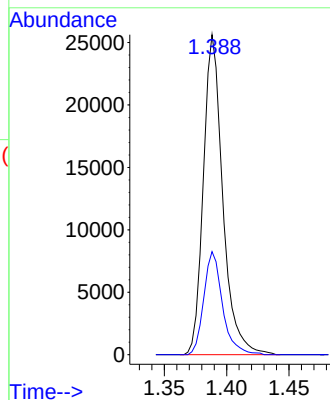
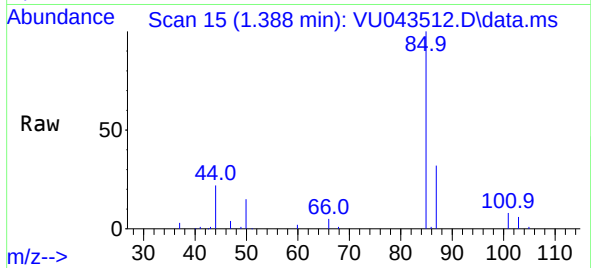
Tgt Ion: 85 Resp: 27780
Ion Ratio Lower Upper
85 100
87 31.0 26.6 39.8

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MS

Manual Integrations
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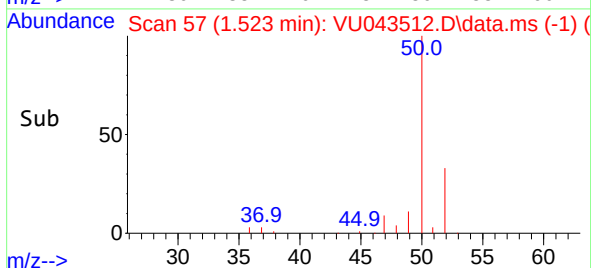
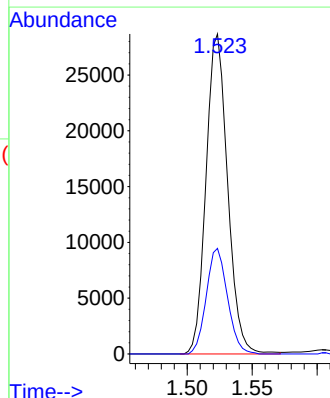
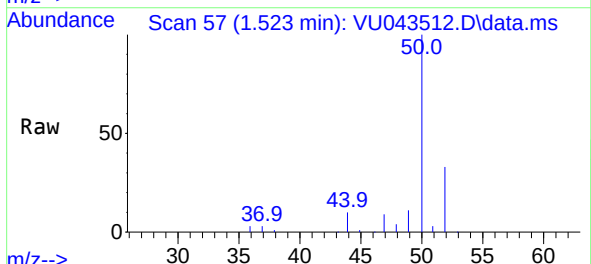
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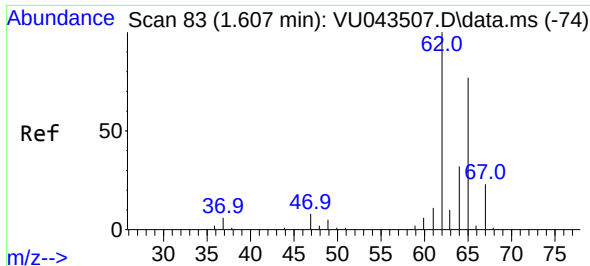
5/6/2021 11:22:52 AM



#3
Chloromethane
Concen: 5.04 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion: 50 Resp: 33126
Ion Ratio Lower Upper
50 100
52 33.0 22.1 41.1





#5
 Vinyl chloride
 Concen: 5.05 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043512.D
 Acq: 04 May 2021 11:50

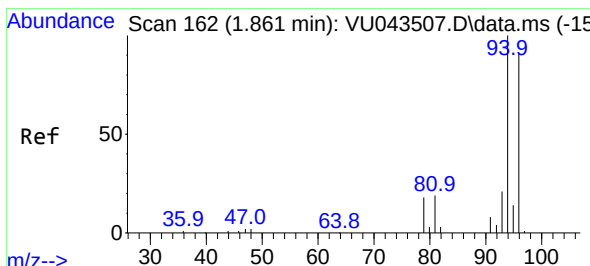
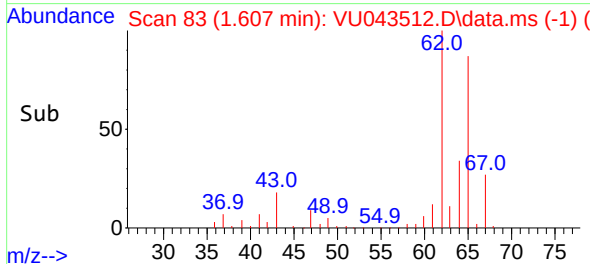
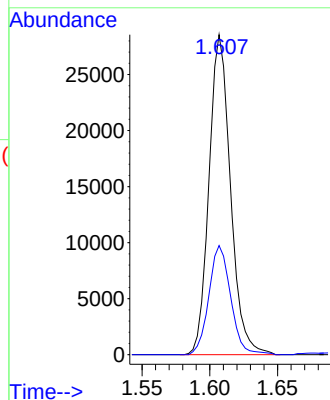
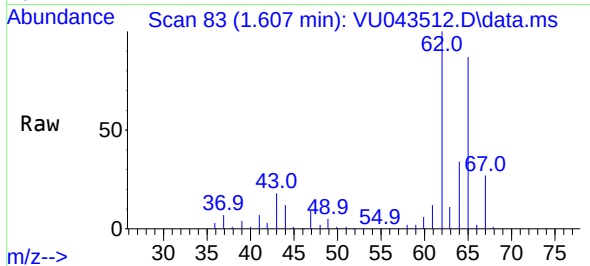
Tgt Ion: 62 Resp: 31487
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.3 41.3

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H2MS

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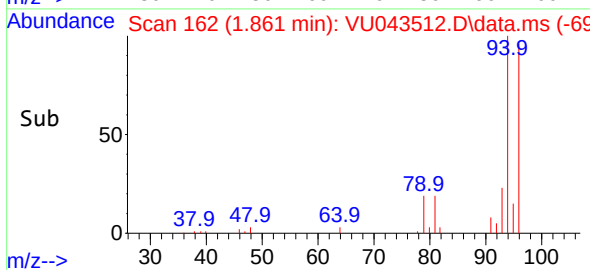
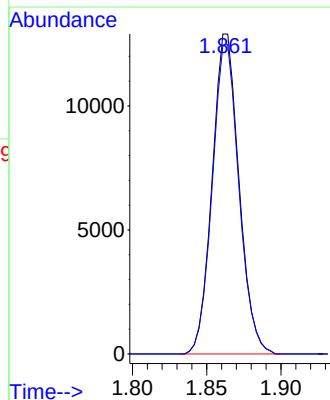
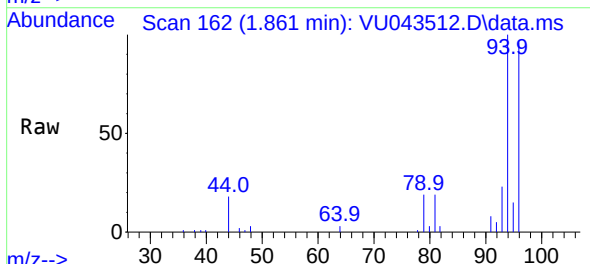
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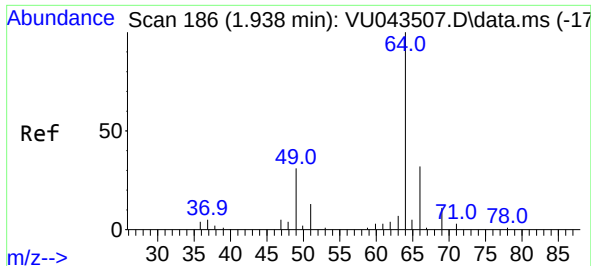
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#6
 Bromomethane
 Concen: 5.51 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU043512.D
 Acq: 04 May 2021 11:50

Tgt Ion: 94 Resp: 16237
 Ion Ratio Lower Upper
 94 100
 96 96.4 65.7 121.9





#8
Chloroethane
Concen: 5.25 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

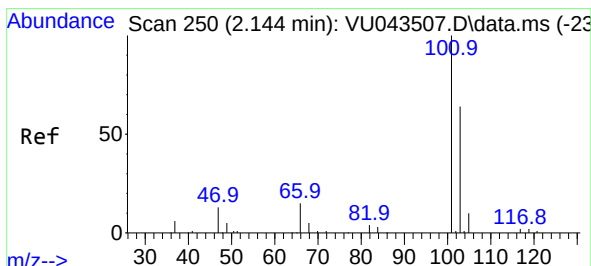
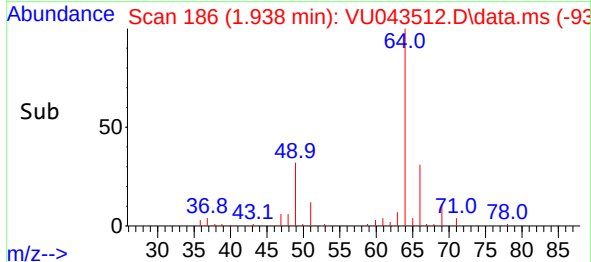
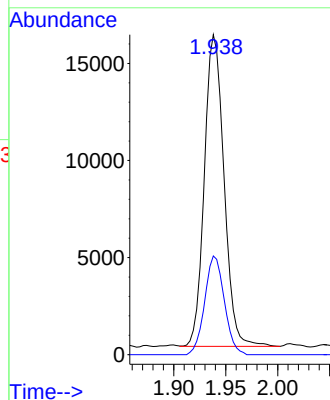
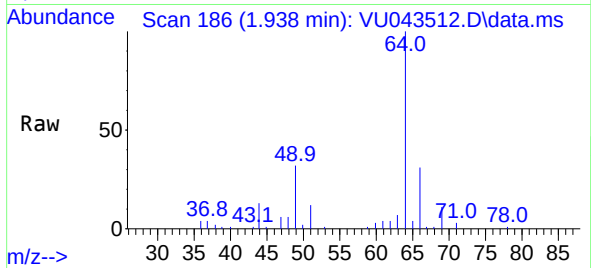
Tgt Ion: 64 Resp: 21135
Ion Ratio Lower Upper
64 100
66 30.8 21.8 40.4

Instrument :
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ClientSampleId :
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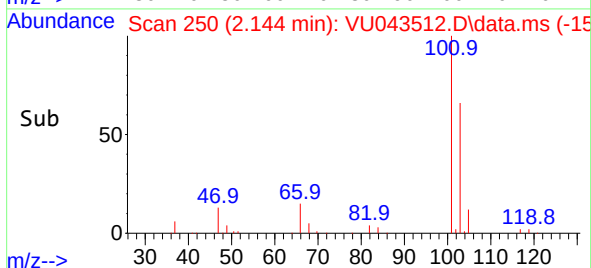
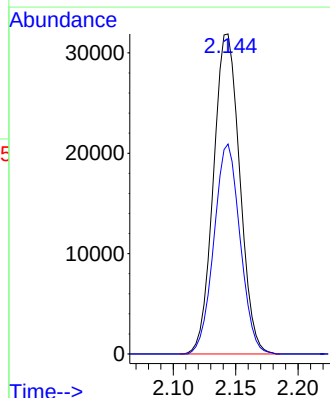
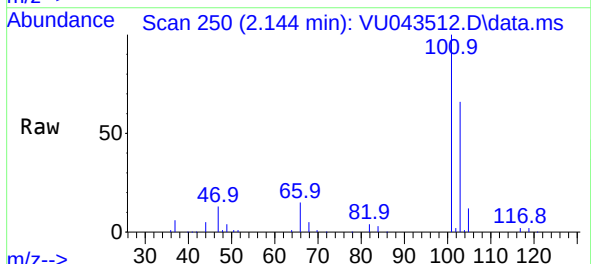
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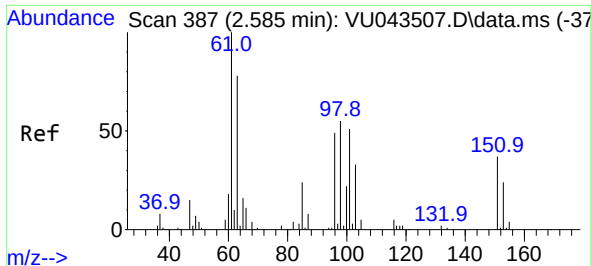
5/6/2021 11:22:52 AM



#9
Trichlorofluoromethane
Concen: 4.84 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion: 101 Resp: 46946
Ion Ratio Lower Upper
101 100
103 65.2 52.6 78.8





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.48 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

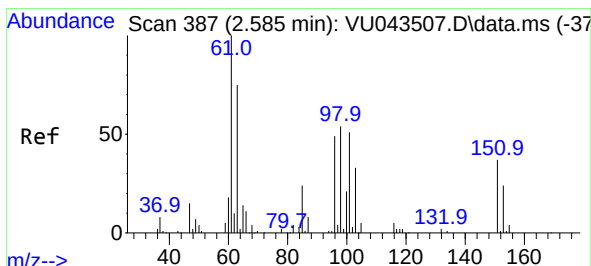
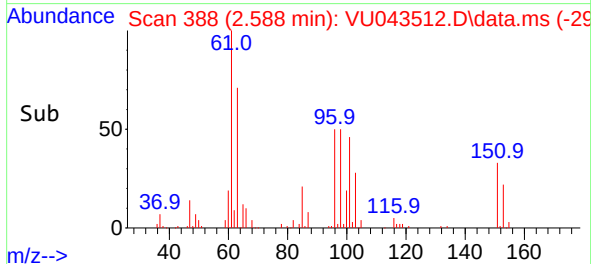
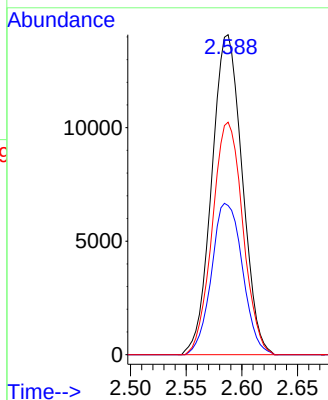
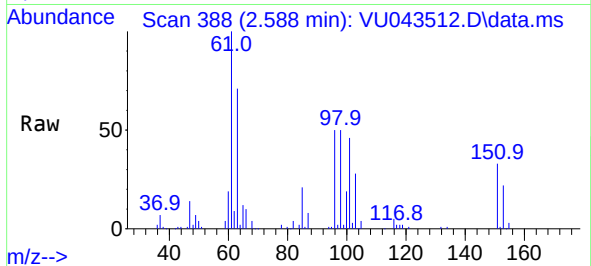
Tgt Ion:	101	Resp:	26823
Ion Ratio	Lower	Upper	
101	100		
85	48.2	38.5	57.7
151	73.0	58.5	87.7

Instrument :
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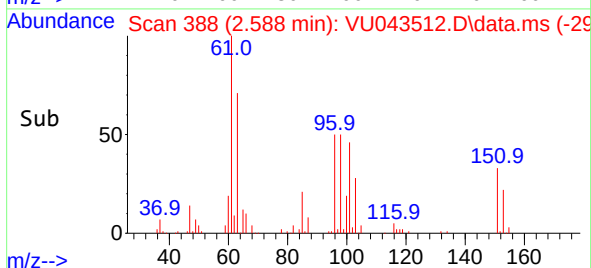
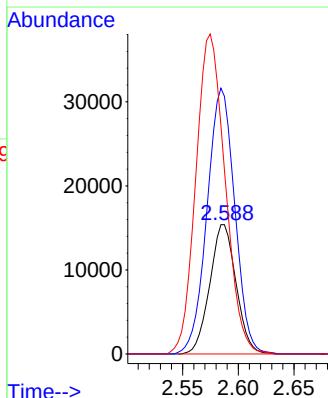
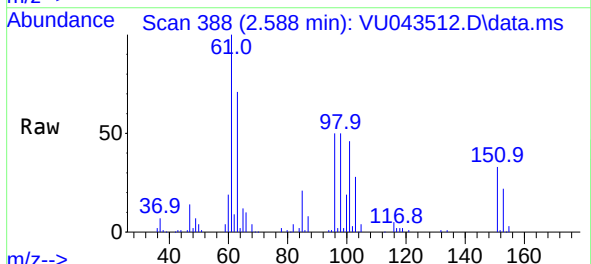
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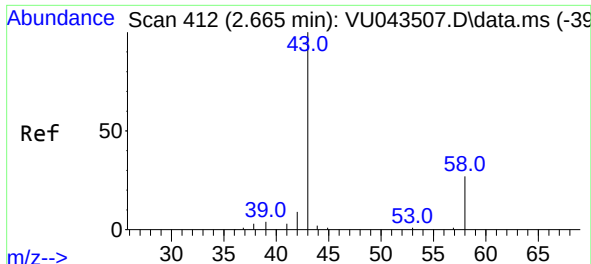
5/6/2021 11:22:52 AM



#12
1,1-Dichloroethene
Concen: 4.91 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion:	96	Resp:	25261
Ion Ratio	Lower	Upper	
96	100		
61	199.4	141.2	262.2
63	142.3	111.1	206.3





#13
Acetone
Concen: 59.16 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.013 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

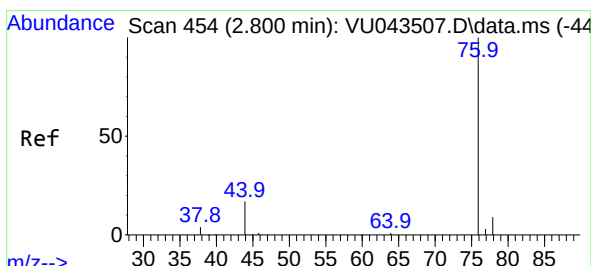
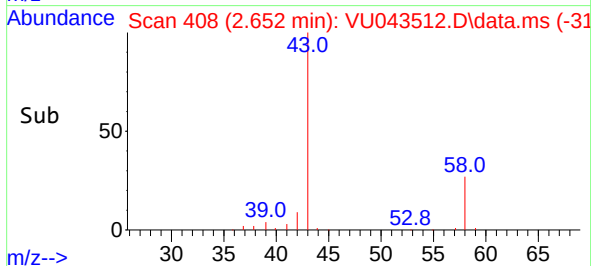
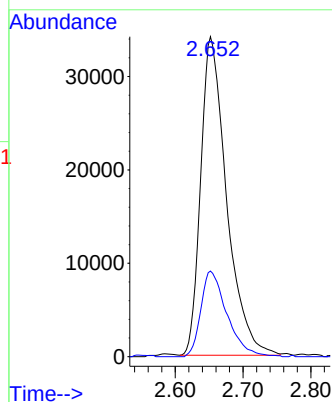
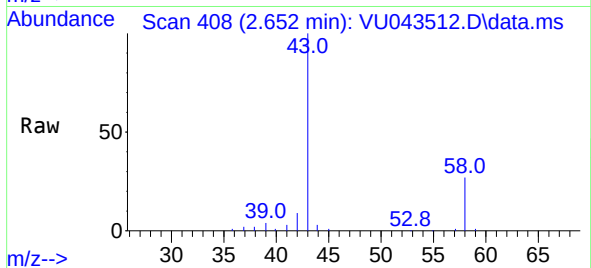
Tgt Ion: 43 Resp: 90625
Ion Ratio Lower Upper
43 100
58 27.1 0.0 50.8

Instrument :
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ClientSampleId :
GB3H2MS

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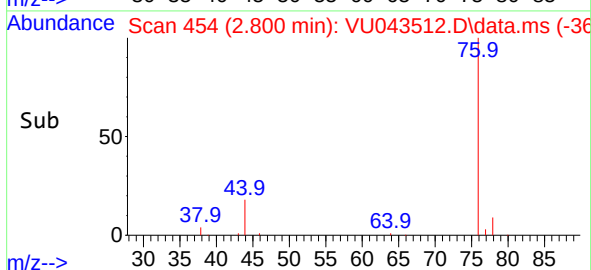
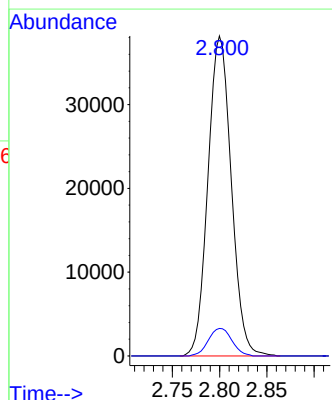
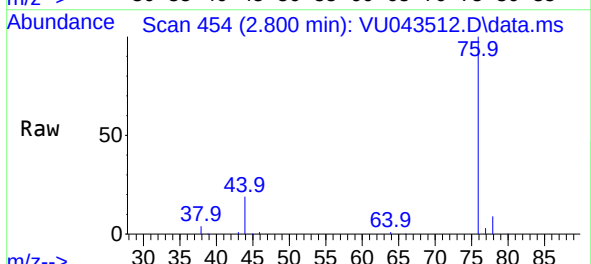
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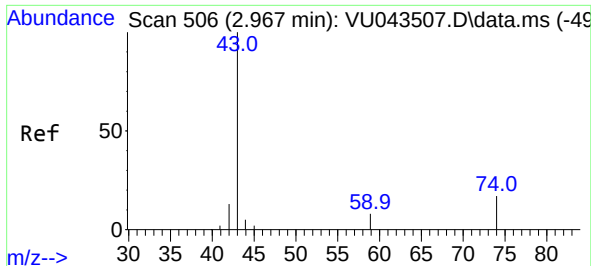
5/6/2021 11:22:52 AM



#14
Carbon disulfide
Concen: 5.09 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion: 76 Resp: 65525
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2





#15
Methyl Acetate
Concen: 4.25 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.003 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

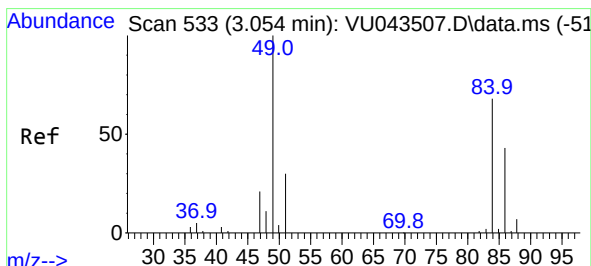
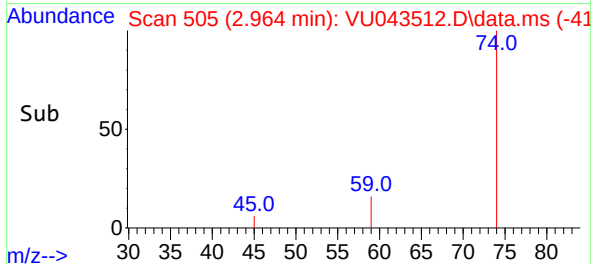
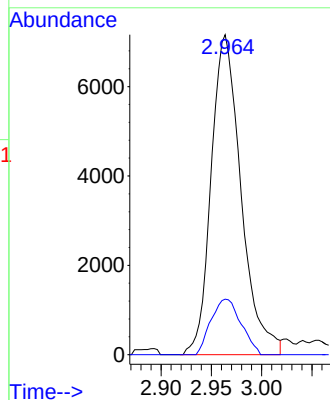
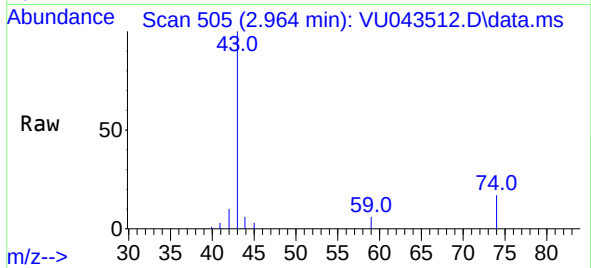
Tgt Ion: 43 Resp: 14839
Ion Ratio Lower Upper
43 100
74 17.4 15.2 22.8

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MS

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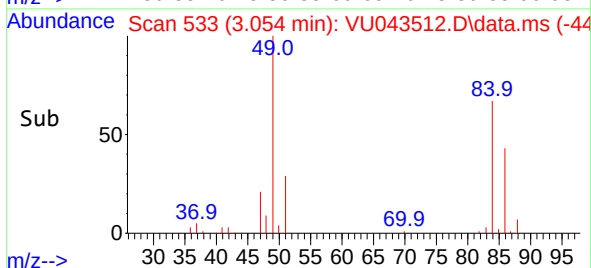
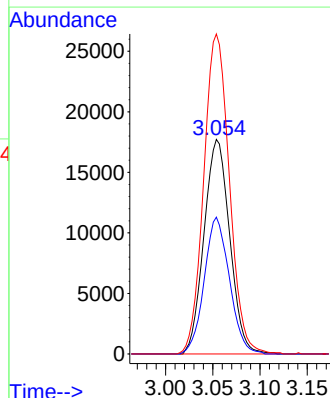
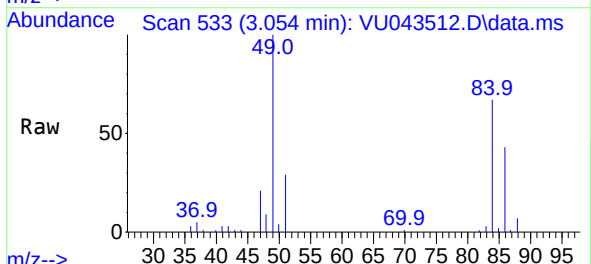
MMDadoda

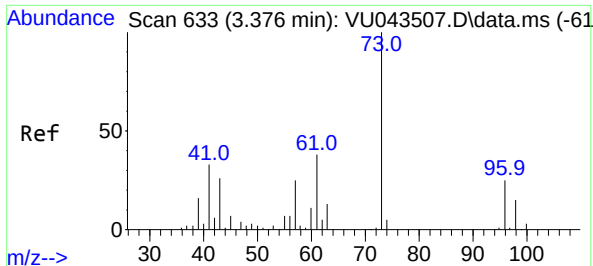
5/6/2021 11:22:52 AM



#16
Methylene chloride
Concen: 4.08 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion: 84 Resp: 33586
Ion Ratio Lower Upper
84 100
86 63.7 45.6 84.6
49 149.2 107.0 198.8





#17
Methyl tert-butyl Ether
Concen: 5.22 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

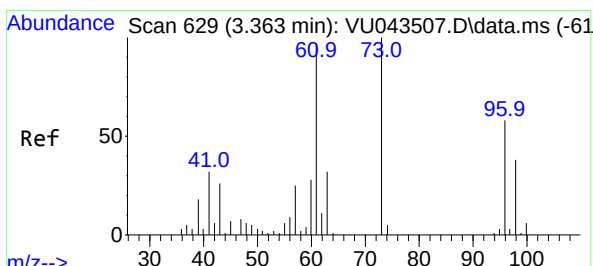
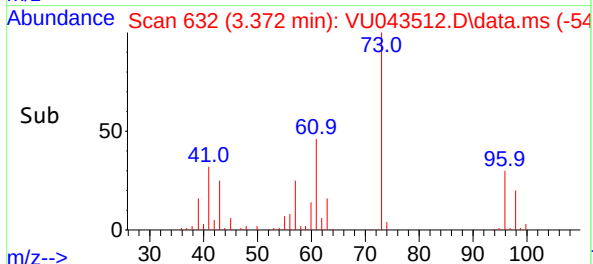
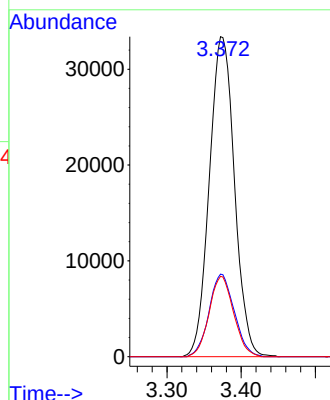
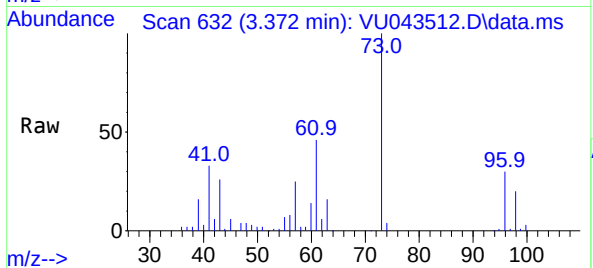
Tgt Ion: 73	Resp: 78507
Ion Ratio	Lower Upper
73 100	
43 25.8	20.6 30.8
57 24.5	18.7 28.1

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MS

Manual Integrations
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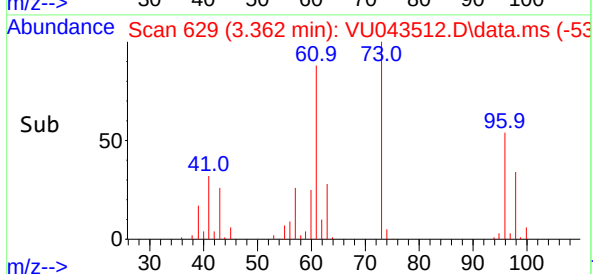
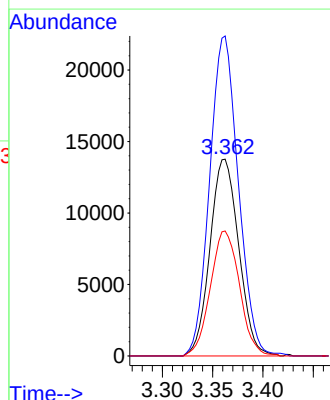
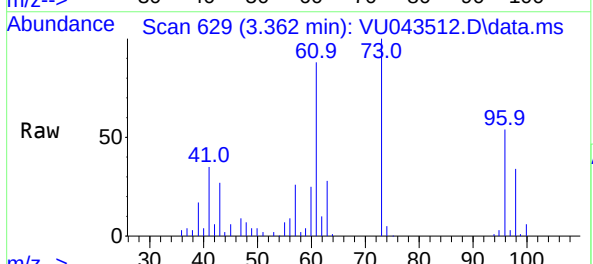
MMDadoda

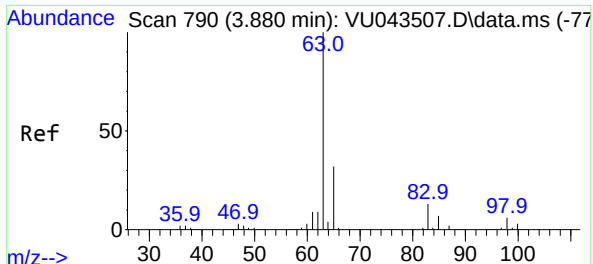
5/6/2021 11:22:52 AM



#18
trans-1,2-Dichloroethene
Concen: 5.12 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion: 96	Resp: 27429
Ion Ratio	Lower Upper
96 100	
61 162.6	113.5 210.9
98 63.5	45.4 84.2





#19
1,1-Dichloroethane
Concen: 5.21 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

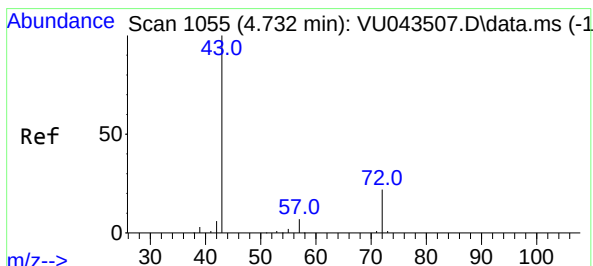
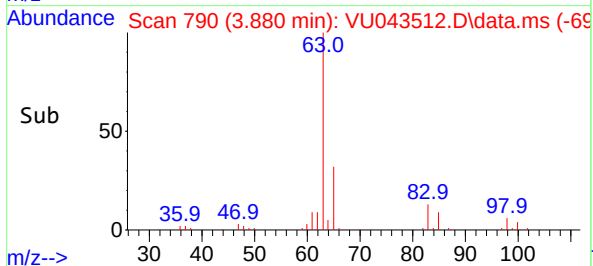
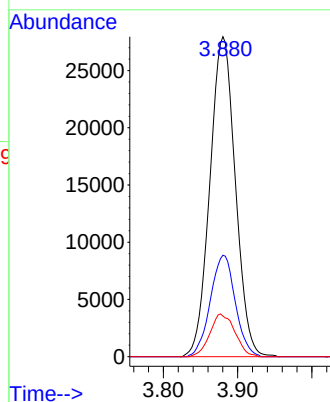
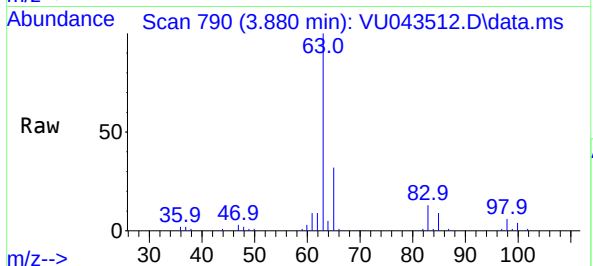
Tgt Ion:	63	Resp:	66469
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.7	42.1
83	12.7	9.4	17.4

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MS

Manual Integrations
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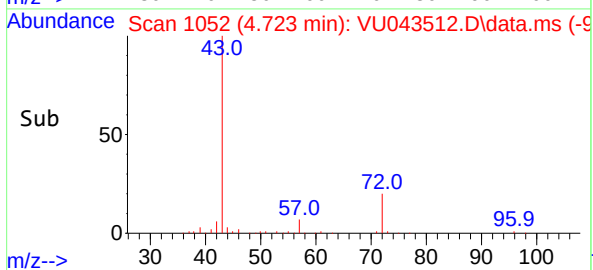
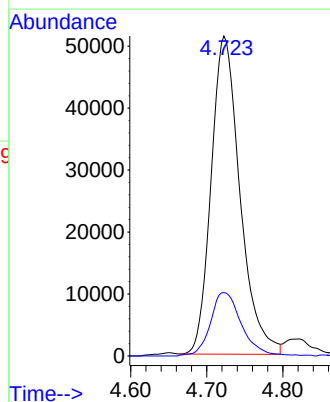
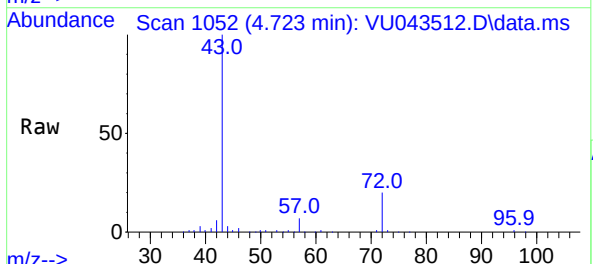
MMDadoda

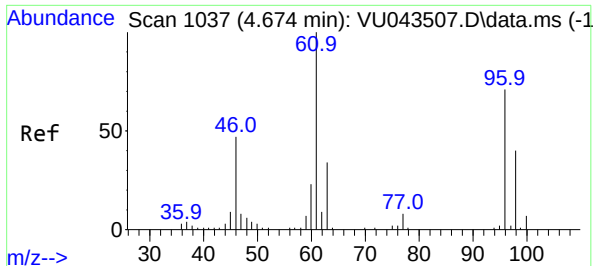
5/6/2021 11:22:52 AM



#21
2-Butanone
Concen: 55.08 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. -0.010 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion:	43	Resp:	135264
Ion	Ratio	Lower	Upper
43	100		
72	21.6	10.8	32.4





#22
cis-1,2-Dichloroethene
Concen: 5.49 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

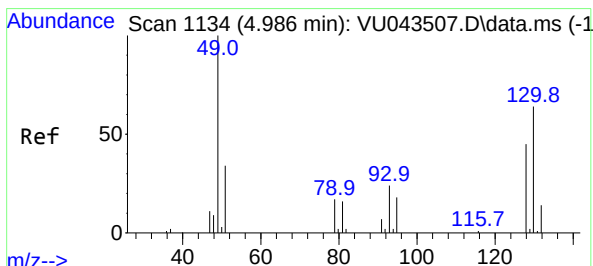
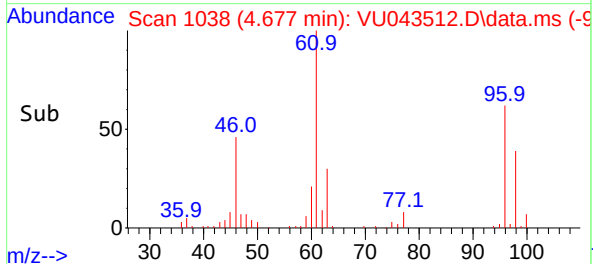
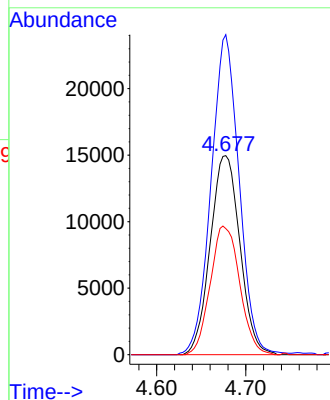
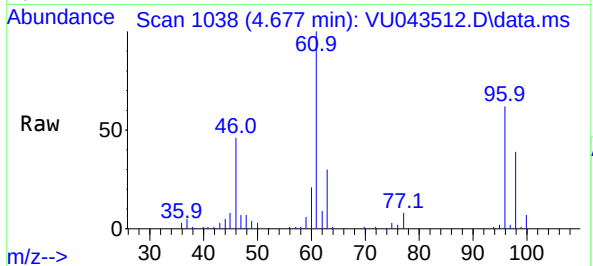
Tgt Ion:	96	Resp:	34611
Ion	Ratio	Lower	Upper
96	100		
61	160.7	102.8	190.8
98	63.4	42.8	79.6

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MS

Manual Integrations
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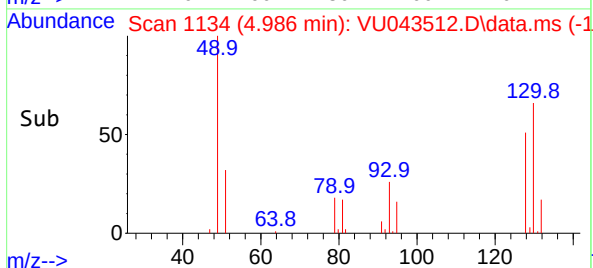
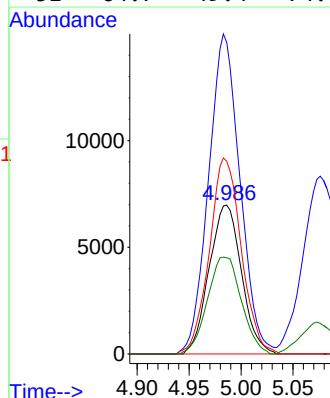
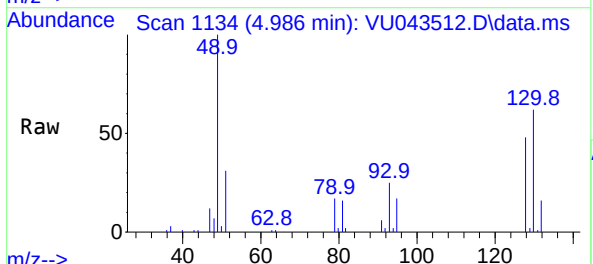
MMDadoda

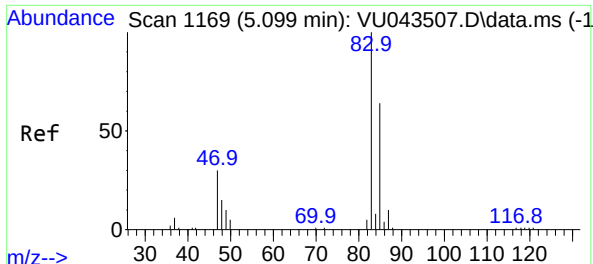
5/6/2021 11:22:52 AM



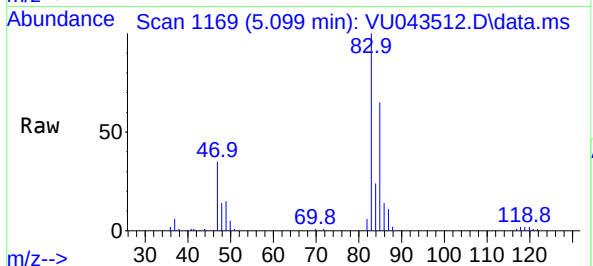
#23
Bromochloromethane
Concen: 5.40 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion:	128	Resp:	15139
Ion	Ratio	Lower	Upper
128	100		
49	209.2	134.2	249.2
130	129.5	87.2	162.0
51	64.7	49.4	74.0

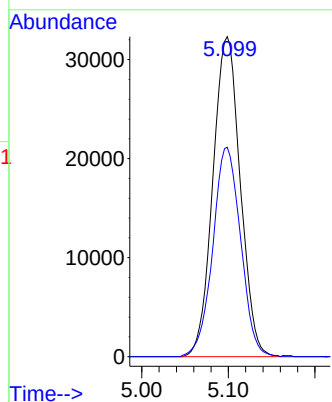




#25
Chloroform
Concen: 5.23 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50



Tgt Ion: 83 Resp: 70979
Ion Ratio Lower Upper
83 100
85 65.5 45.1 83.9

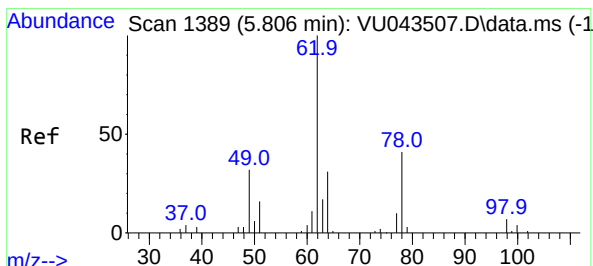
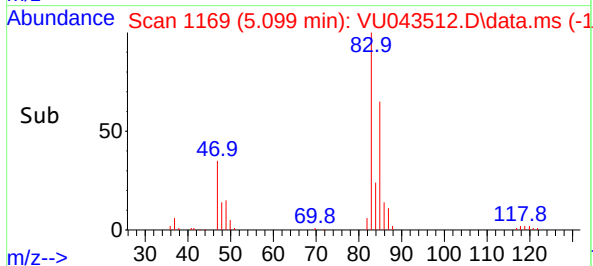


Instrument :
MSVOA_U
ClientSampleId :
GB3H2MS

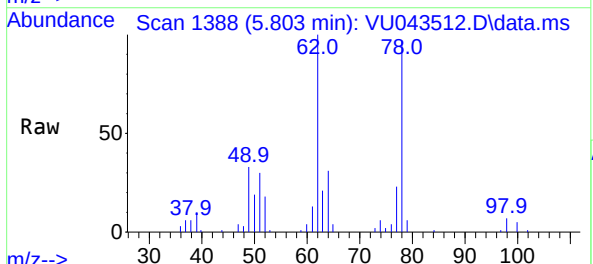
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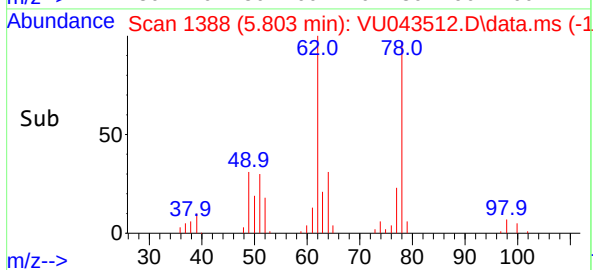
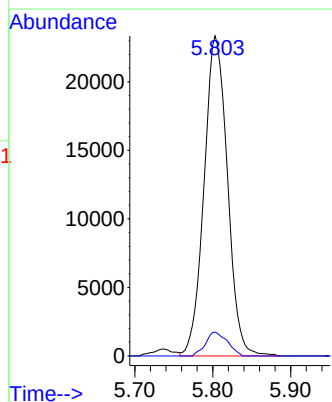
5/6/2021 11:22:52 AM

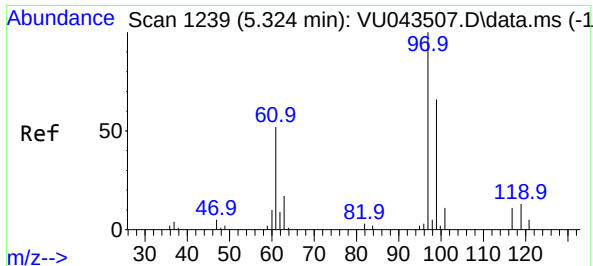


#27
1,2-Dichloroethane
Concen: 5.29 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50



Tgt Ion: 62 Resp: 48734
Ion Ratio Lower Upper
62 100
98 7.4 6.1 9.1





#29
1,1,1-Trichloroethane
Concen: 5.13 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

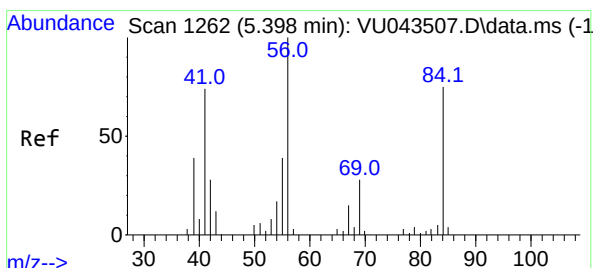
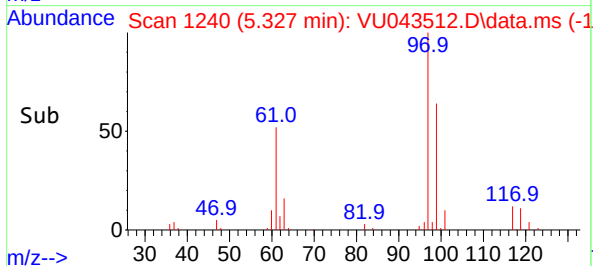
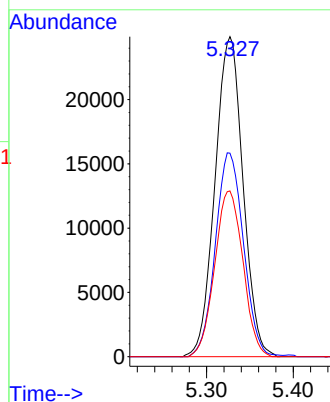
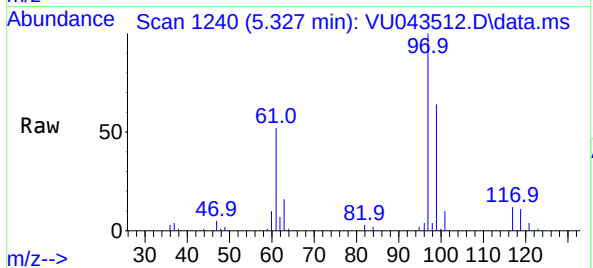
Tgt Ion: 97	Resp: 55914
Ion Ratio	Lower Upper
97 100	
99 64.0	51.8 77.6
61 52.3	39.8 59.8

Instrument :
MSVOA_U
ClientSampleId :
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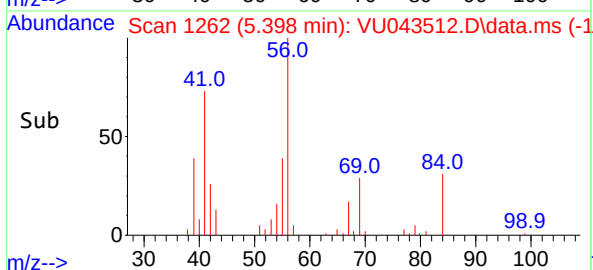
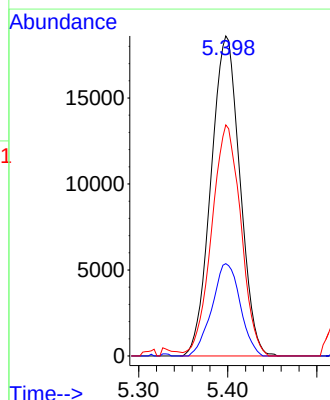
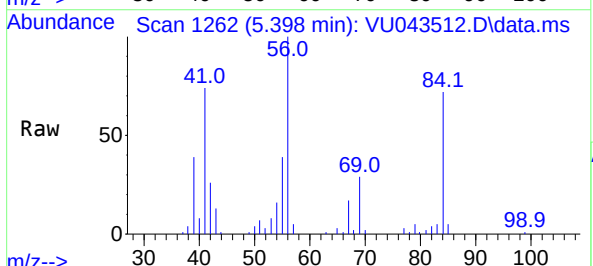
MMDadoda

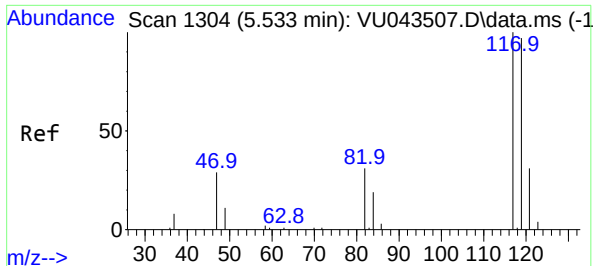
5/6/2021 11:22:52 AM



#30
Cyclohexane
Concen: 4.81 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion: 56	Resp: 41865
Ion Ratio	Lower Upper
56 100	
69 28.2	23.0 34.4
84 73.0	60.3 90.5





#31
Carbon tetrachloride
Concen: 5.08 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

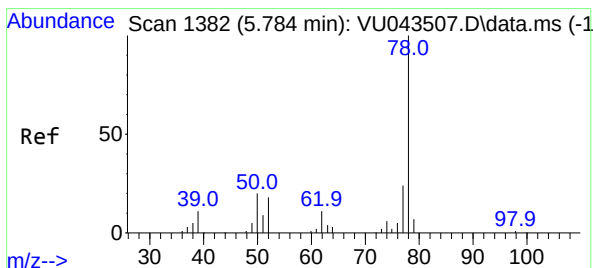
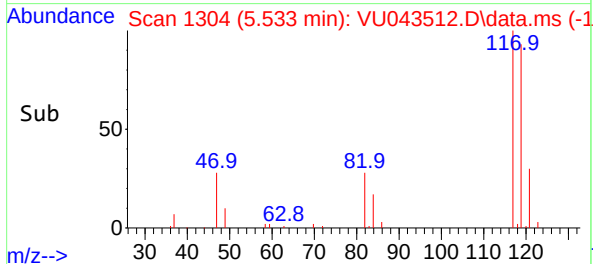
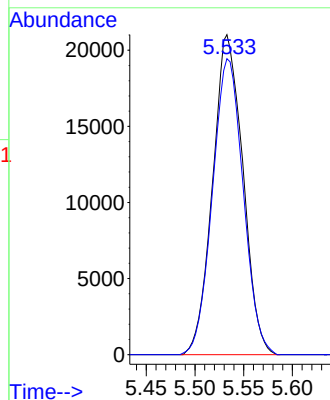
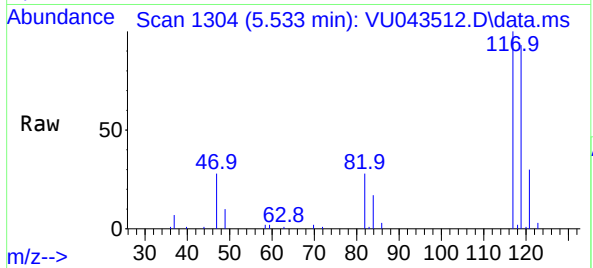
Tgt Ion: 117 Resp: 45323
Ion Ratio Lower Upper
117 100
119 94.1 77.0 115.6

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MS

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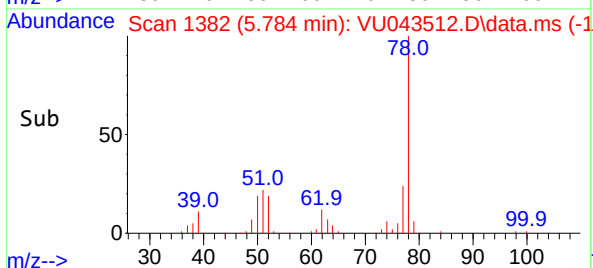
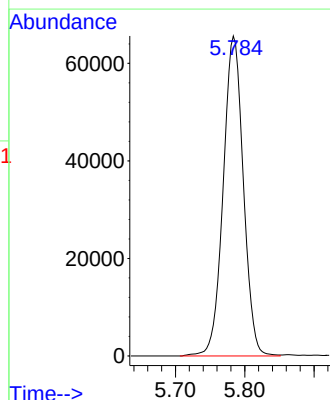
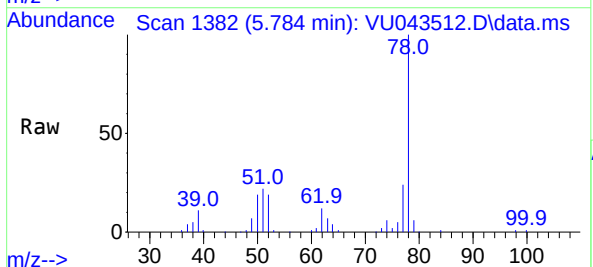
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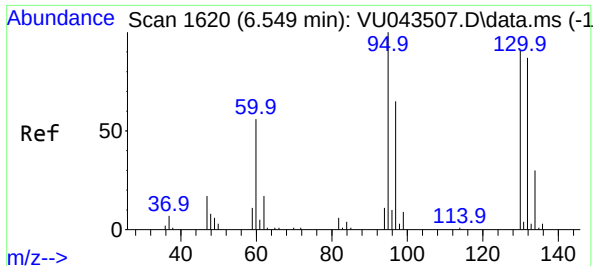
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#33
Benzene
Concen: 5.43 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion: 78 Resp: 132724





#34
Trichloroethene
Concen: 6.25 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion: 95 Resp: 38933

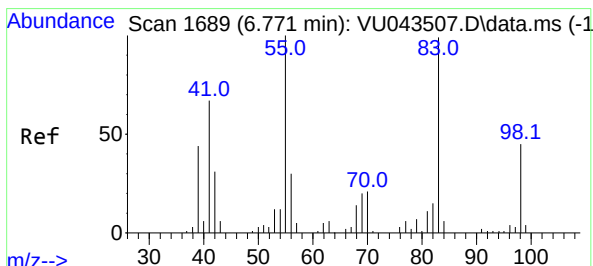
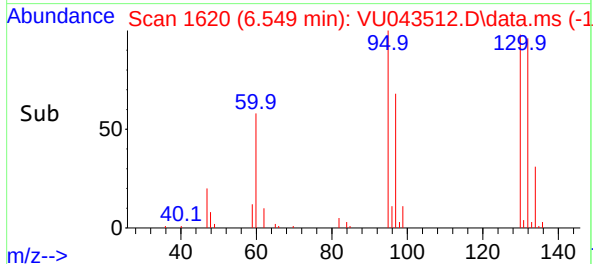
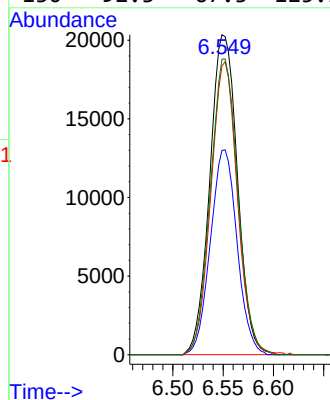
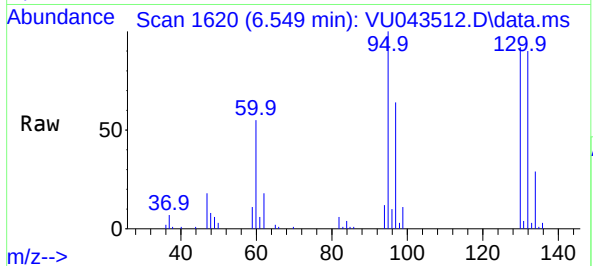
Ion	Ratio	Lower	Upper
95	100		
97	63.8	46.5	86.5
132	90.2	64.1	119.1
130	92.3	67.3	125.1

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MS

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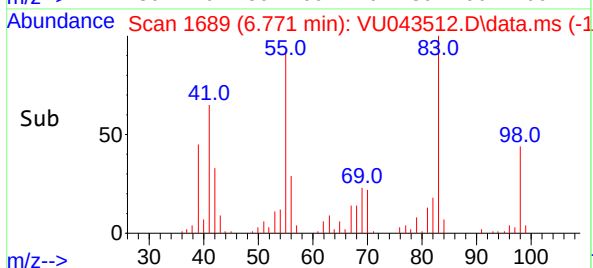
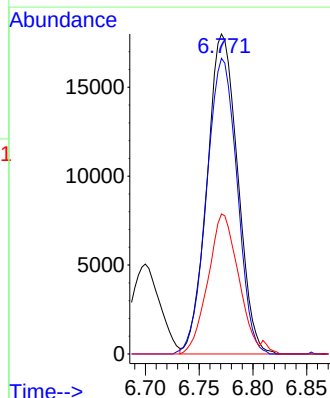
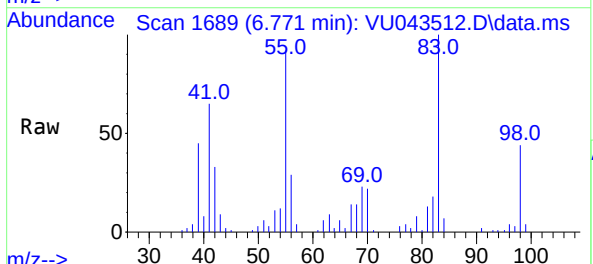
5/6/2021 11:22:52 AM

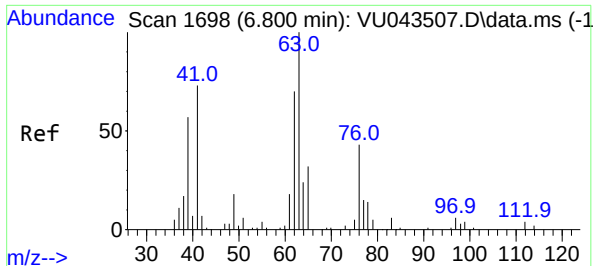


#35
Methylcyclohexane
Concen: 4.42 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion: 83 Resp: 35607

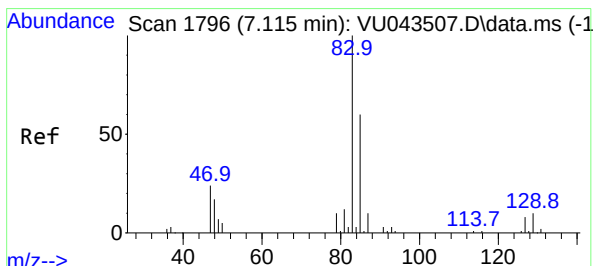
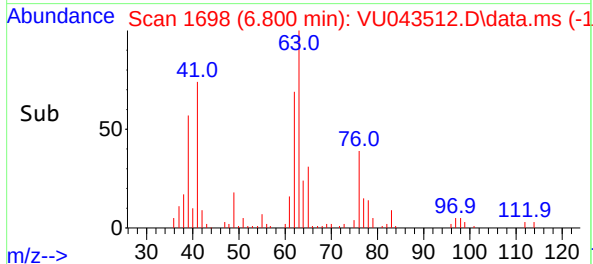
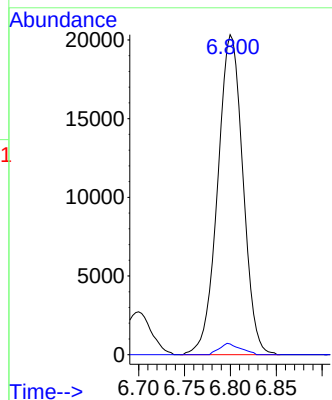
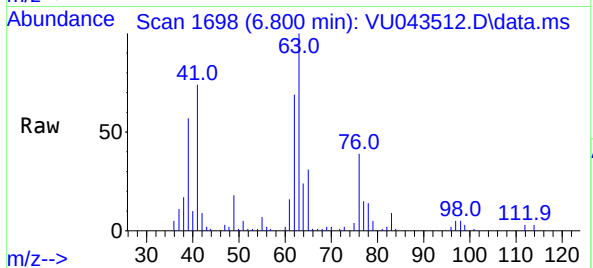
Ion	Ratio	Lower	Upper
83	100		
55	92.3	75.8	113.8
98	43.3	35.5	53.3





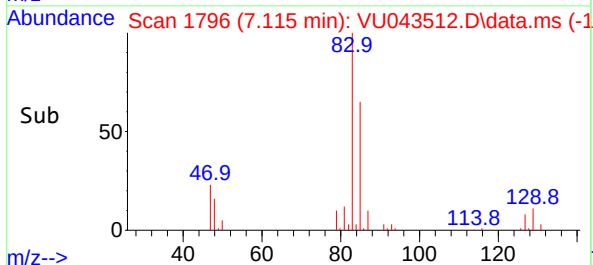
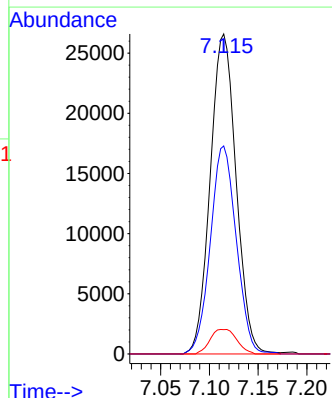
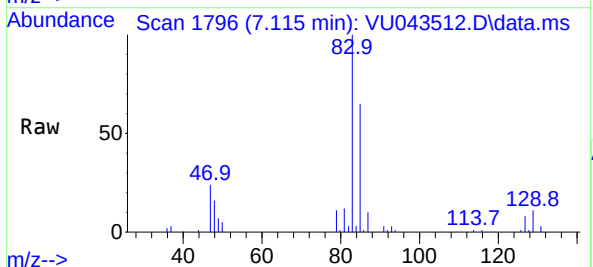
#37
1,2-Dichloropropane
Concen: 5.35 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion: 63 Resp: 38955
Ion Ratio Lower Upper
63 100
112 2.9 2.6 3.8



#38
Bromodichloromethane
Concen: 5.20 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion: 83 Resp: 49131
Ion Ratio Lower Upper
83 100
85 65.0 43.3 80.5
127 7.6 6.2 9.4

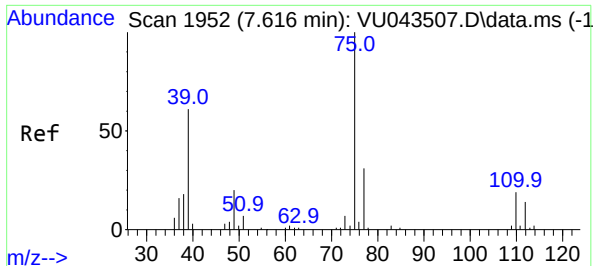


Instrument :
MSVOA_U
ClientSampleId :
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5/6/2021 11:22:52 AM



#39
cis-1,3-Dichloropropene
Concen: 4.68 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

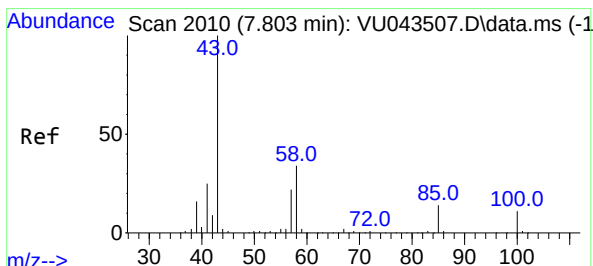
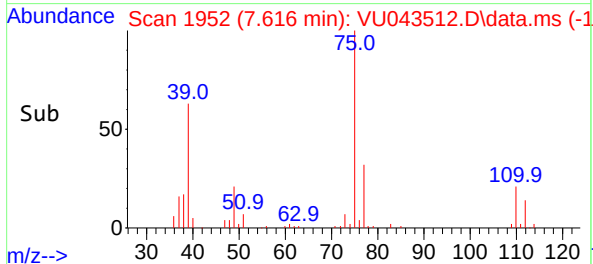
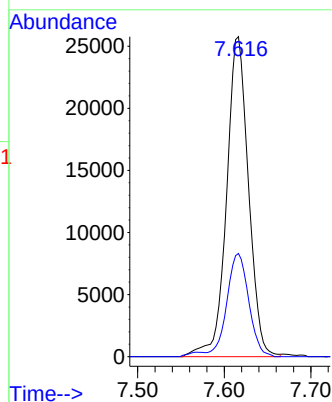
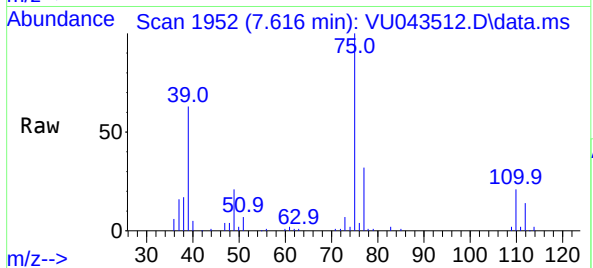
Tgt Ion: 75 Resp: 45253
Ion Ratio Lower Upper
75 100
77 32.3 21.9 40.7

Instrument :
MSVOA_U
ClientSampleId :
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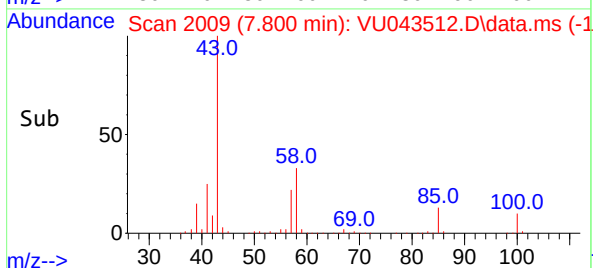
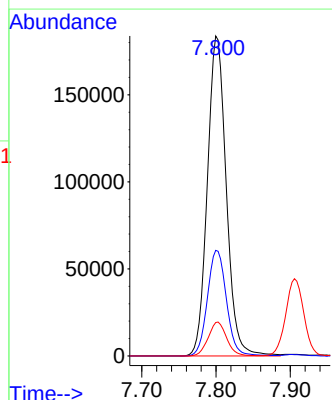
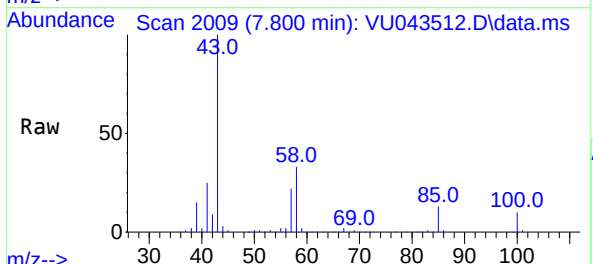
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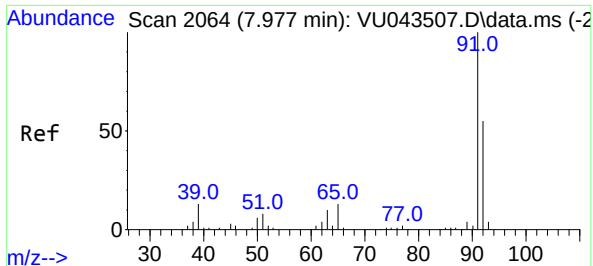
5/6/2021 11:22:52 AM



#40
4-Methyl-2-pentanone
Concen: 54.40 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion: 43 Resp: 324443
Ion Ratio Lower Upper
43 100
58 33.3 26.9 40.3
100 10.4 8.6 13.0





#42

Toluene

Concen: 5.71 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU043512.D

Acq: 04 May 2021 11:50

Tgt Ion: 91 Resp: 145704

Ion Ratio Lower Upper

91 100

92 57.1 39.1 72.5

Instrument :

MSVOA_U

ClientSampleId :

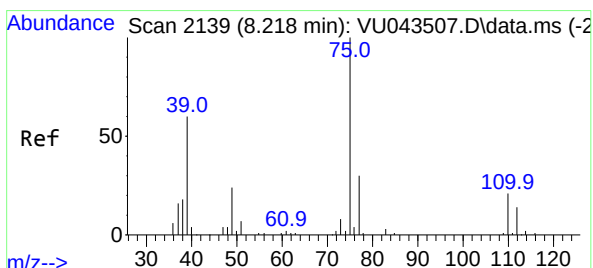
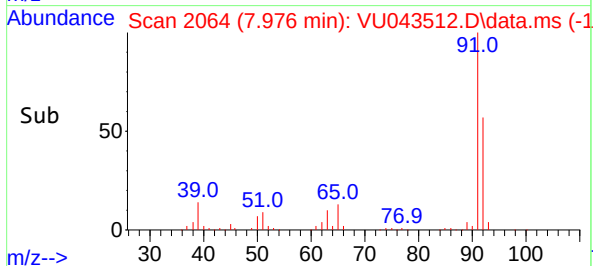
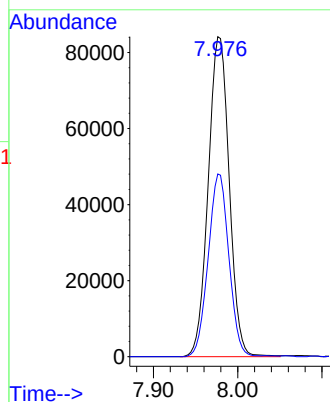
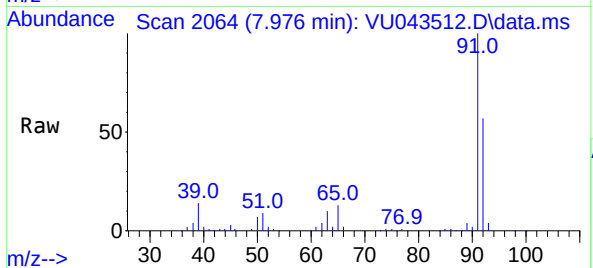
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5/6/2021 11:22:52 AM



#44

trans-1,3-Dichloropropene

Concen: 4.74 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. -0.000 min

Lab File: VU043512.D

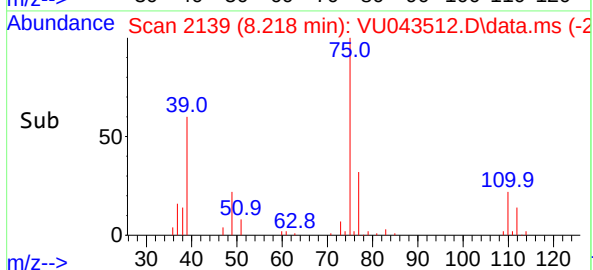
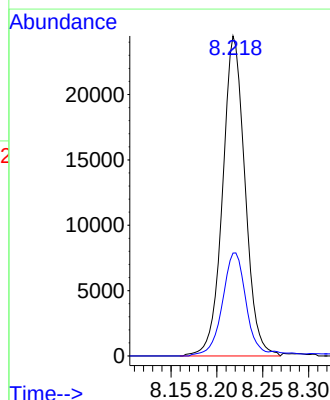
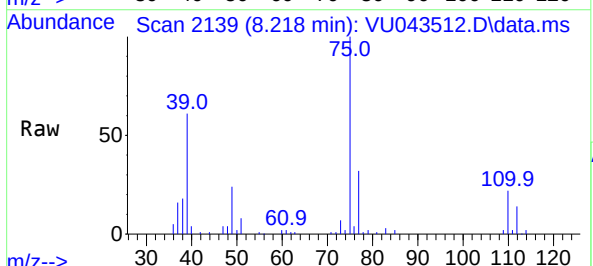
Acq: 04 May 2021 11:50

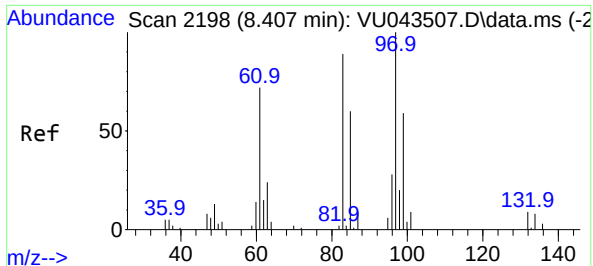
Tgt Ion: 75 Resp: 41690

Ion Ratio Lower Upper

75 100

77 32.2 23.3 43.3





#45
1,1,2-Trichloroethane
Concen: 5.18 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

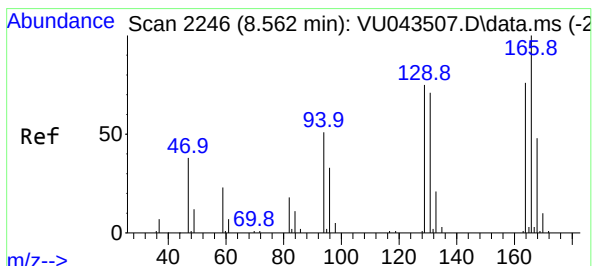
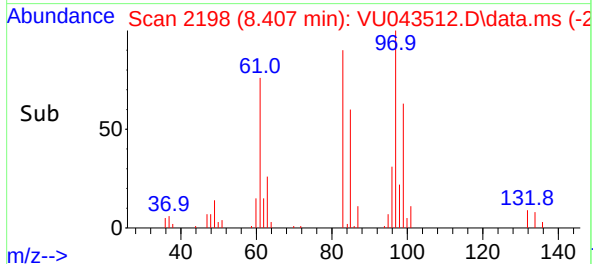
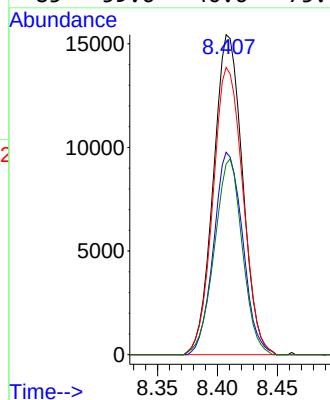
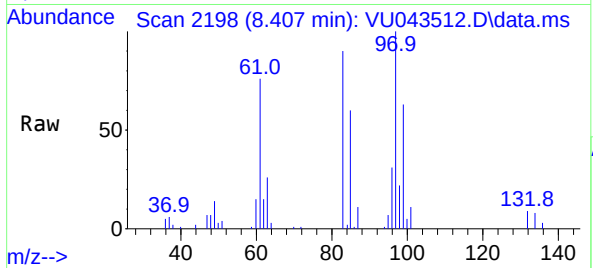
Tgt Ion:	97	Resp:	26093
Ion	Ratio	Lower	Upper
97	100		
99	63.2	42.6	79.0
83	89.7	64.1	119.1
85	59.6	40.6	75.4

Instrument :
MSVOA_U
ClientSampleId :
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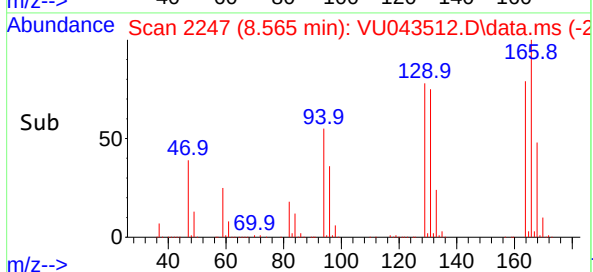
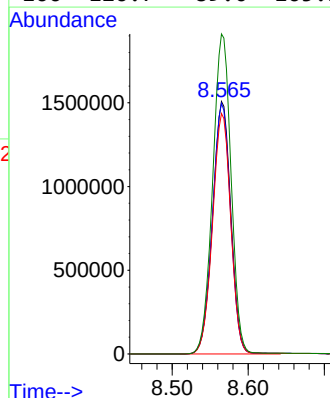
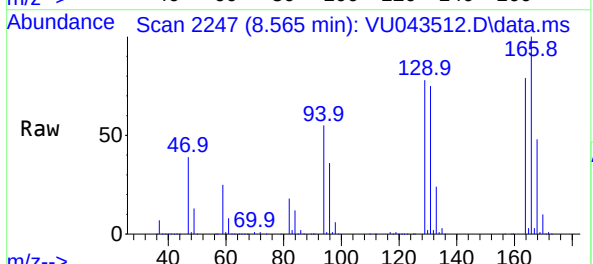
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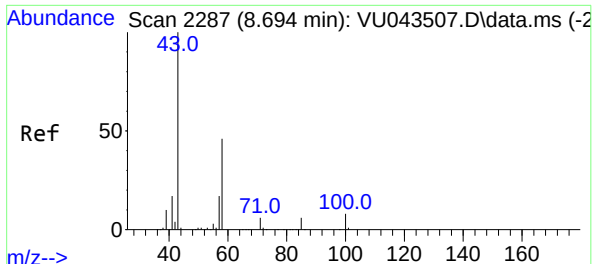
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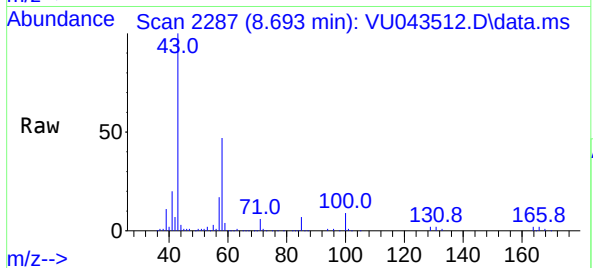
#47
Tetrachloroethene
Concen: 548.80 ug/L
RT: 8.565 min Scan# 2247
Delta R.T. 0.003 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion:	164	Resp:	2520085
Ion	Ratio	Lower	Upper
164	100		
129	99.3	62.5	116.1
131	95.2	64.9	120.5
166	126.7	89.0	165.2



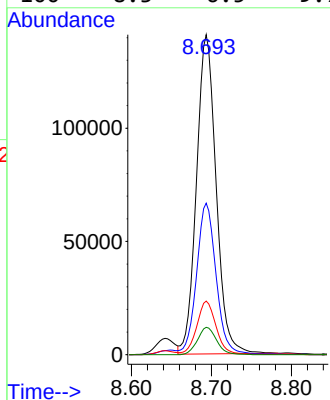


#48
2-Hexanone
Concen: 54.57 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50



Tgt Ion: 43 Resp: 241403

Ion	Ratio	Lower	Upper
43	100		
58	46.6	36.8	55.2
57	16.3	13.2	19.8
100	8.3	6.5	9.7

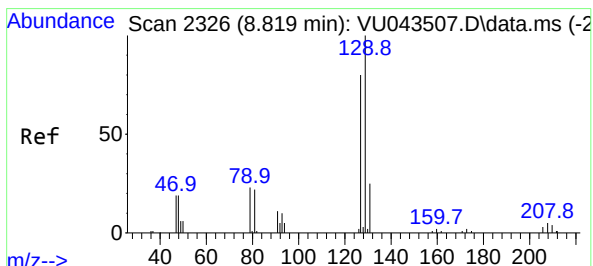


Instrument :
MSVOA_U
ClientSampleId :
GB3H2MS

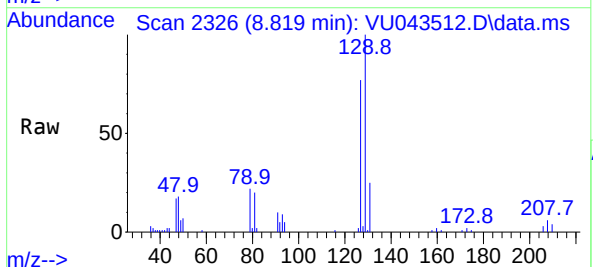
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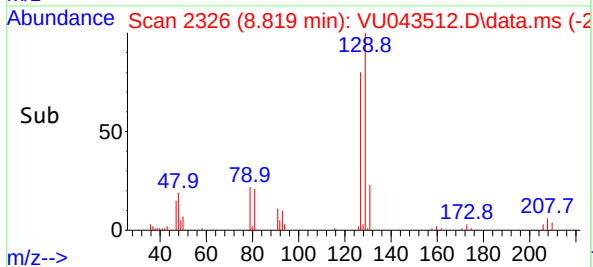
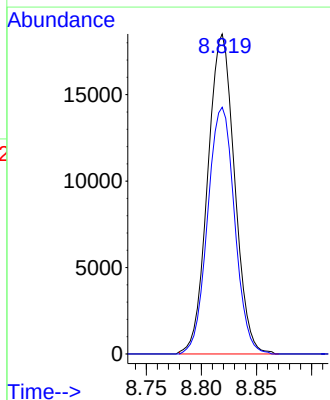


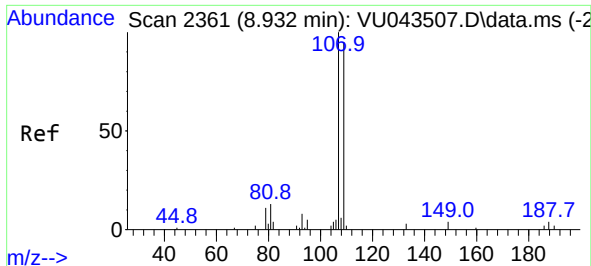
#49
Dibromochloromethane
Concen: 5.16 ug/L m
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50



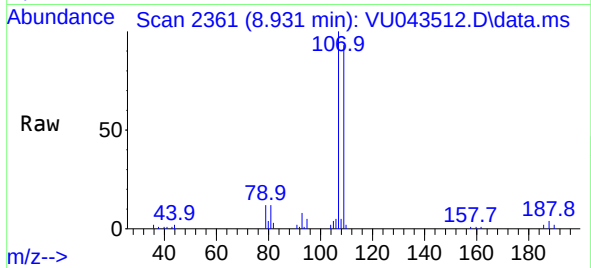
Tgt Ion: 129 Resp: 31399

Ion	Ratio	Lower	Upper
129	100		
127	77.1	52.4	97.4

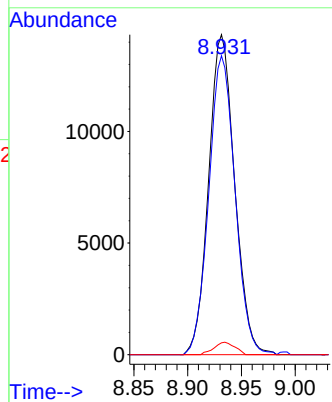
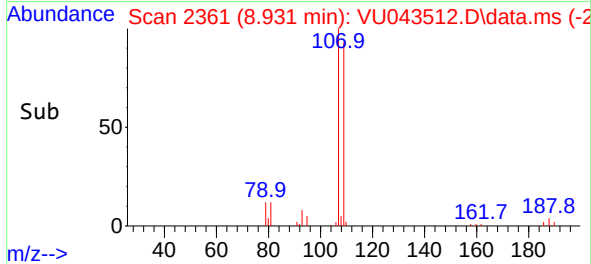




#50
1,2-Dibromoethane
Concen: 5.14 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50



Tgt Ion:107 Resp: 24101
Ion Ratio Lower Upper
107 100
109 93.4 67.6 125.6
188 3.7 2.6 3.8

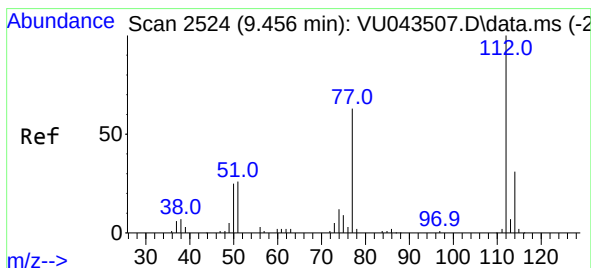


Instrument :
MSVOA_U
ClientSampleId :
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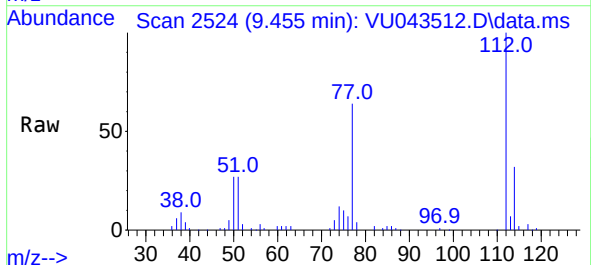
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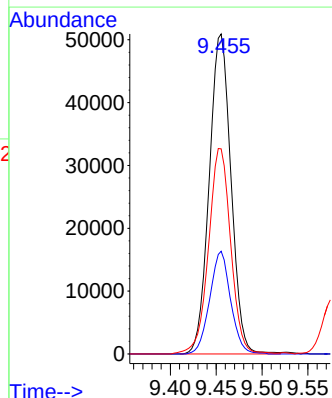
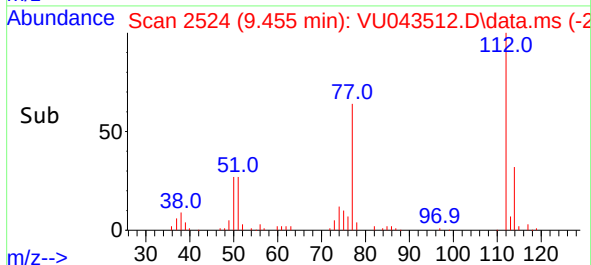
5/6/2021 11:22:52 AM

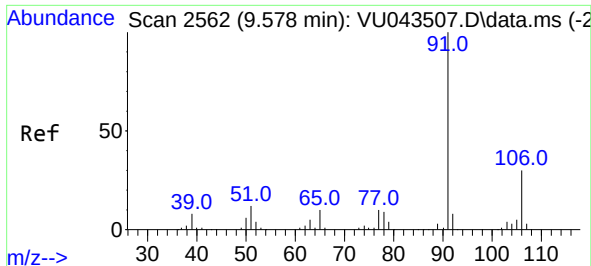


#51
Chlorobenzene
Concen: 5.18 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50



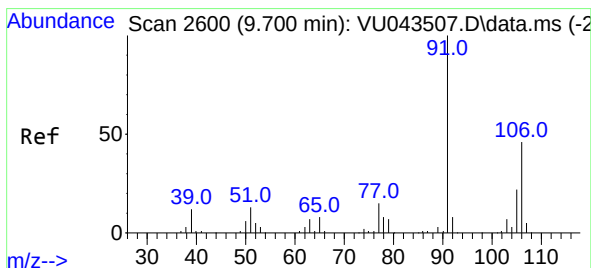
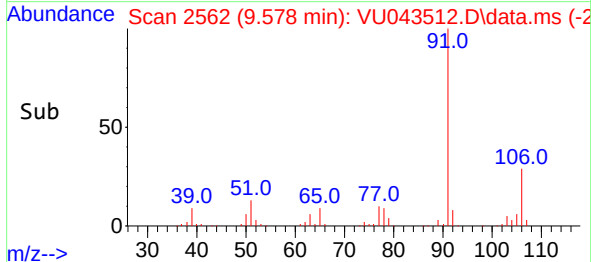
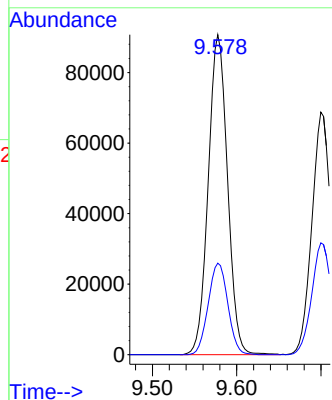
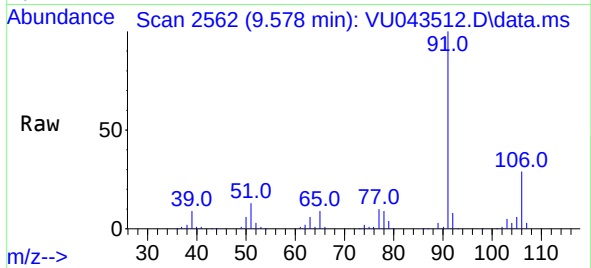
Tgt Ion:112 Resp: 84109
Ion Ratio Lower Upper
112 100
114 32.1 22.0 41.0
77 64.1 51.0 76.4





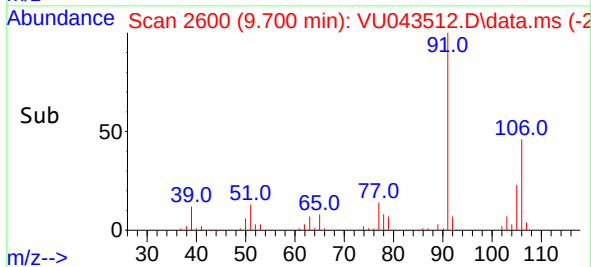
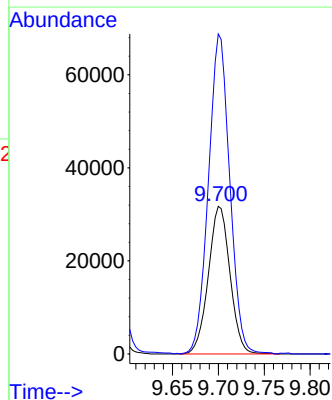
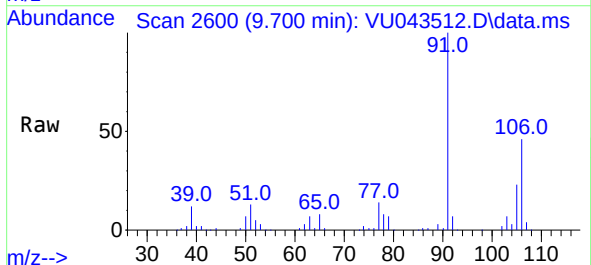
#52
Ethylbenzene
Concen: 5.33 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion: 91 Resp: 144240
Ion Ratio Lower Upper
91 100
106 28.6 20.5 38.1



#53
m,p-Xylene
Concen: 5.29 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion: 106 Resp: 52001
Ion Ratio Lower Upper
106 100
91 216.7 150.3 279.1

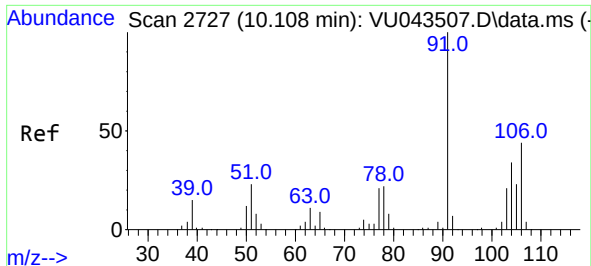


Instrument :
MSVOA_U
ClientSampleId :
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5/6/2021 11:22:52 AM



#54
o-Xylene
Concen: 5.18 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

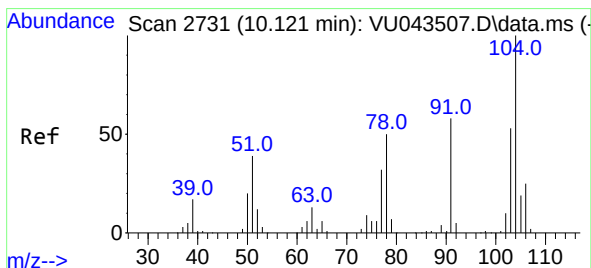
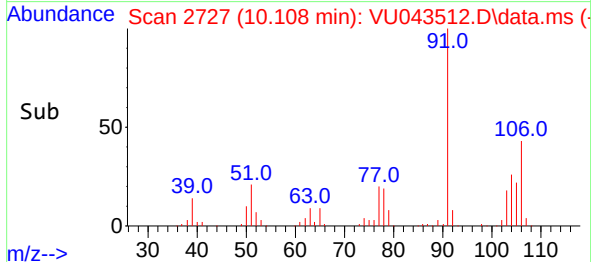
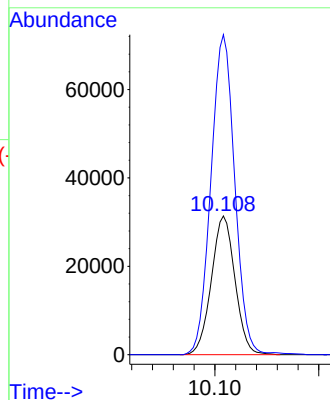
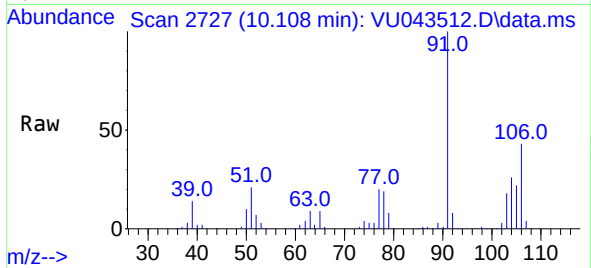
Tgt Ion:106 Resp: 49503
Ion Ratio Lower Upper
106 100
91 230.6 157.3 292.1

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MS

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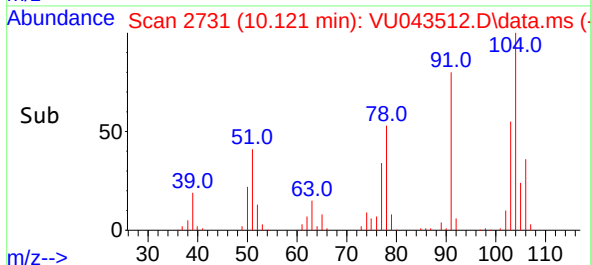
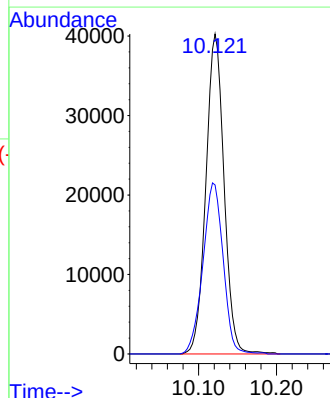
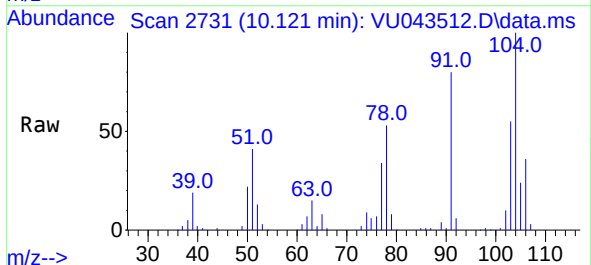
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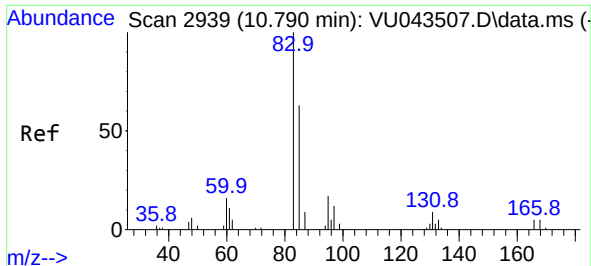
5/6/2021 11:22:52 AM



#55
Styrene
Concen: 3.89 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion:104 Resp: 65232
Ion Ratio Lower Upper
104 100
78 52.8 35.3 65.5





#57
1,1,2,2-Tetrachloroethane
Concen: 5.02 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

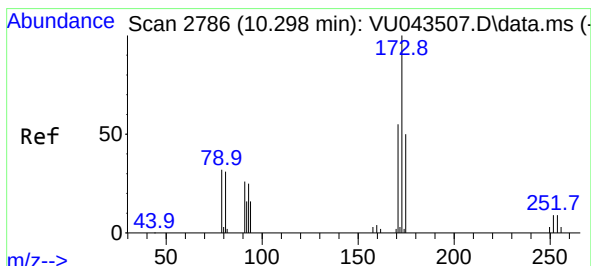
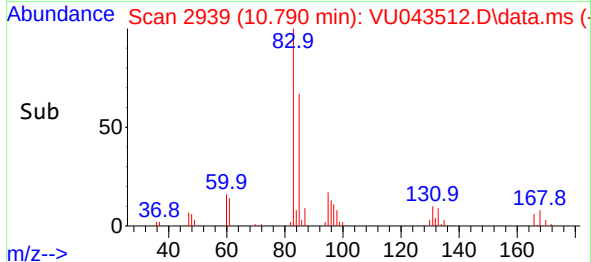
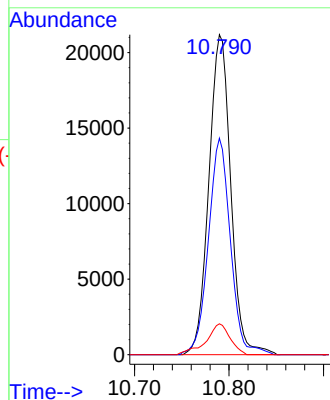
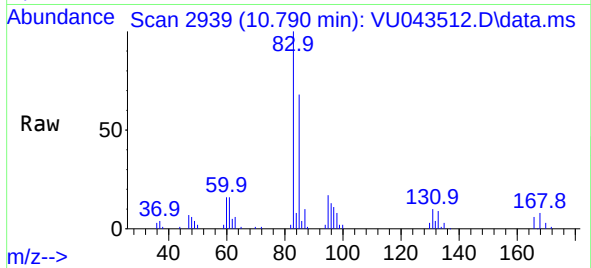
Tgt Ion:	83	Resp:	34081
Ion	Ratio	Lower	Upper
83	100		
85	67.7	42.6	79.0
131	9.6	7.4	11.2

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MS

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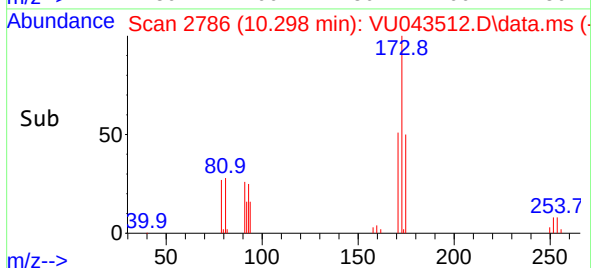
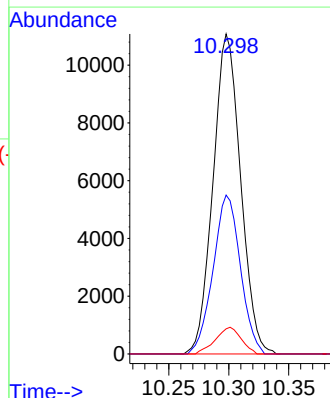
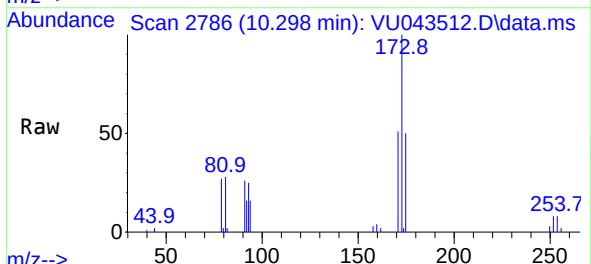
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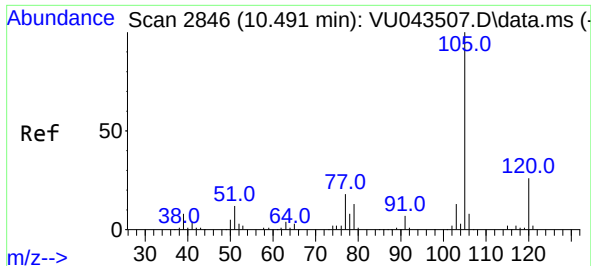
5/6/2021 11:22:52 AM



#59
Bromoform
Concen: 5.17 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion:	173	Resp:	17684
Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.4	59.0
254	7.8	5.9	8.9





#60
Isopropylbenzene
Concen: 5.32 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

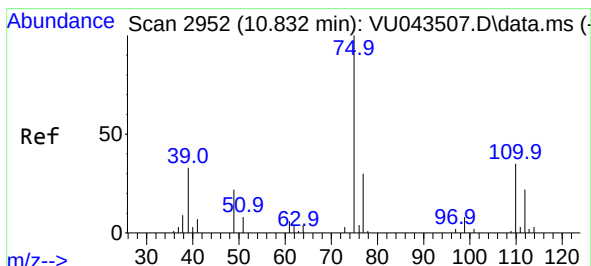
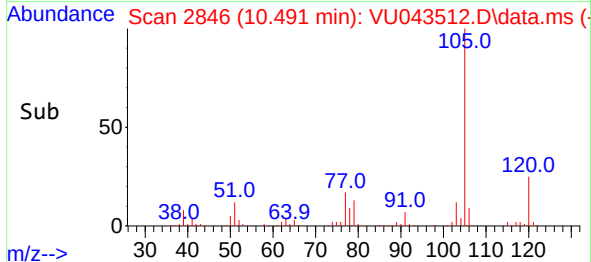
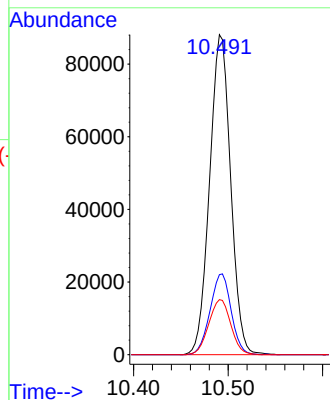
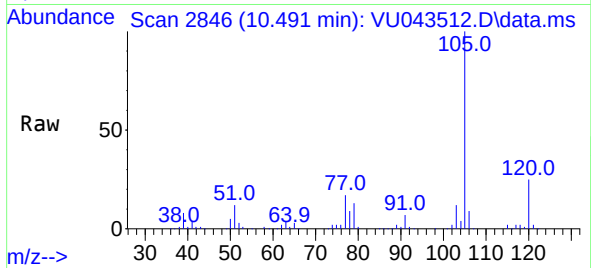
Tgt Ion: 105 Resp: 136316
Ion Ratio Lower Upper
105 100
120 25.3 20.4 30.6
77 18.0 14.6 21.8

Instrument :
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ClientSampleId :
GB3H2MS

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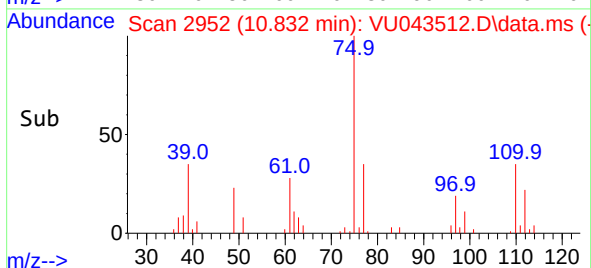
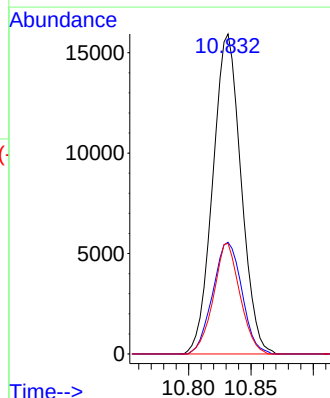
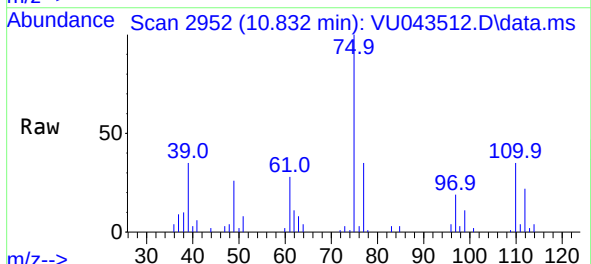
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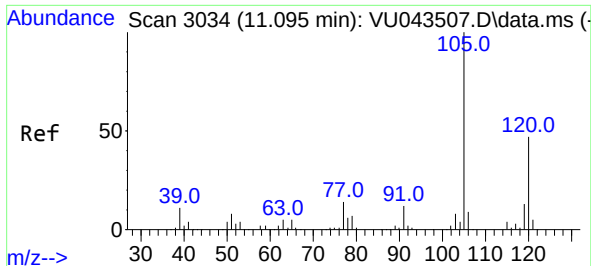
5/6/2021 11:22:52 AM



#61
1,2,3-Trichloropropane
Concen: 5.28 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

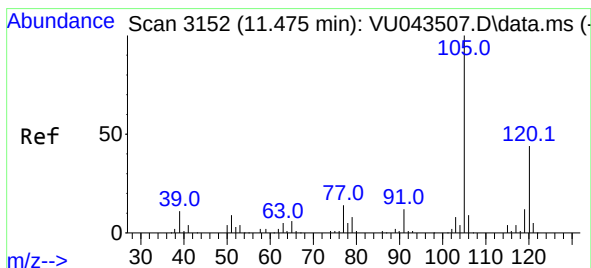
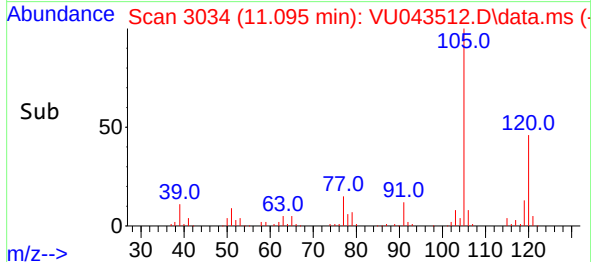
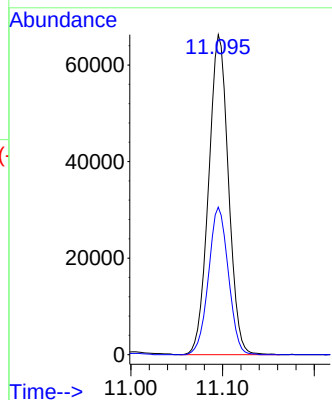
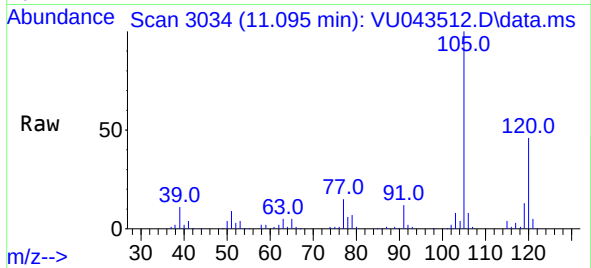
Tgt Ion: 75 Resp: 25123
Ion Ratio Lower Upper
75 100
110 35.9 28.6 42.8
77 32.4 25.7 38.5





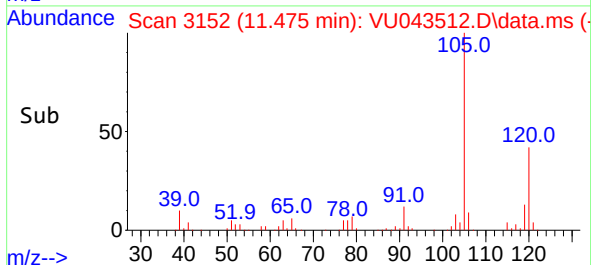
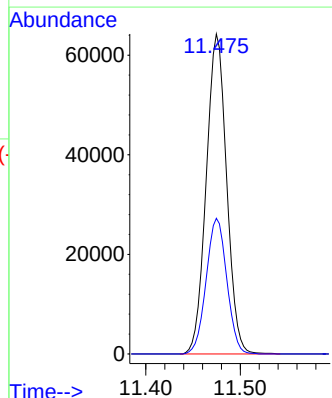
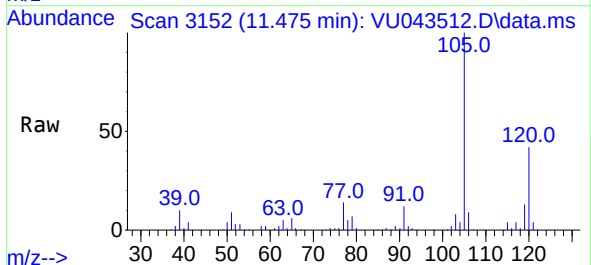
#62
1,3,5-Trimethylbenzene
Concen: 4.95 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion:105 Resp: 99653
Ion Ratio Lower Upper
105 100
120 46.1 36.6 55.0



#63
1,2,4-Trimethylbenzene
Concen: 4.77 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion:105 Resp: 96280
Ion Ratio Lower Upper
105 100
120 42.9 35.4 53.0

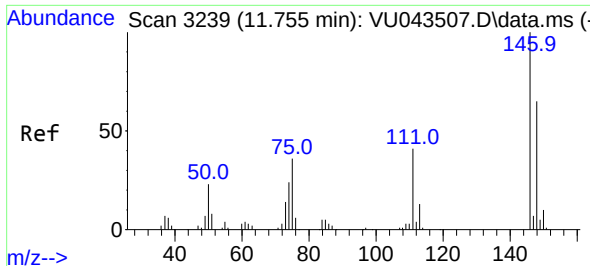


Instrument :
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ClientSampleId :
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5/6/2021 11:22:52 AM



#64
1,3-Dichlorobenzene
Concen: 5.21 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

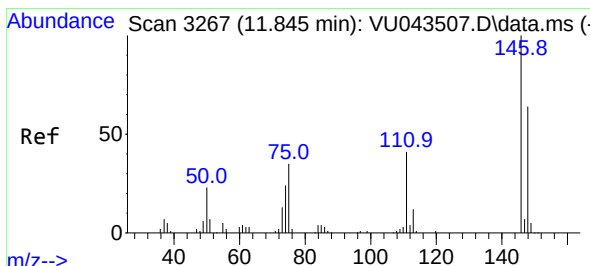
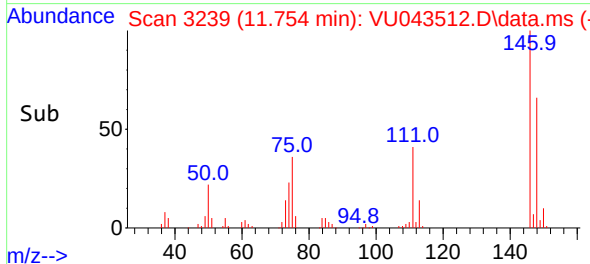
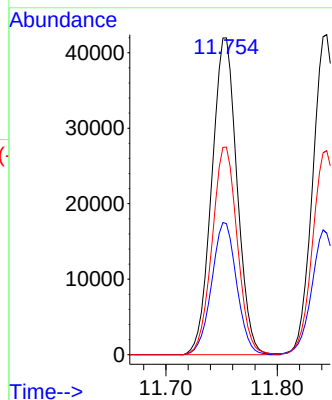
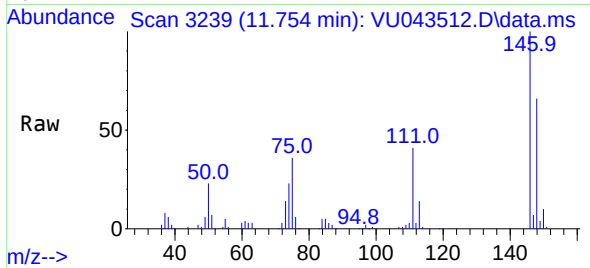
Tgt Ion:146 Resp: 66233
Ion Ratio Lower Upper
146 100
111 41.4 28.9 53.7
148 65.5 45.7 84.9

Instrument :
MSVOA_U
ClientSampleId :
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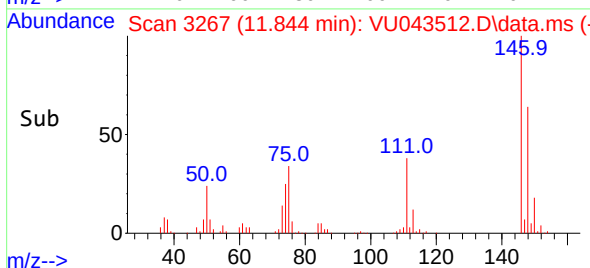
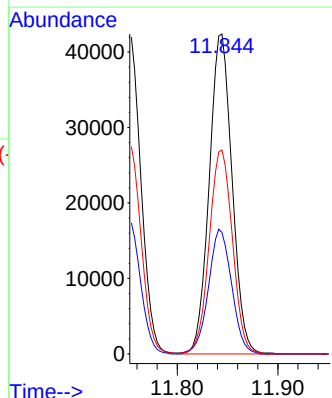
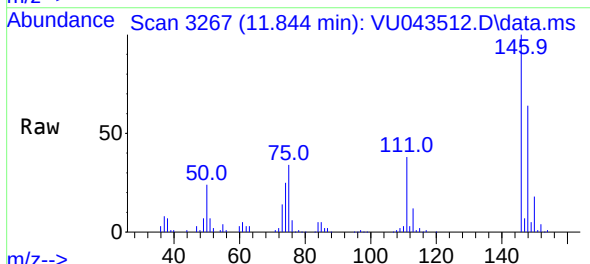
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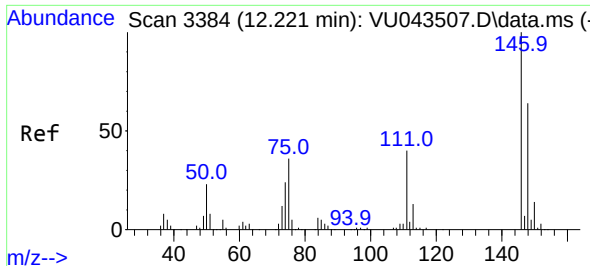
5/6/2021 11:22:52 AM



#65
1,4-Dichlorobenzene
Concen: 5.12 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion:146 Resp: 66773
Ion Ratio Lower Upper
146 100
111 38.0 27.6 51.2
148 63.8 44.6 82.8





#67
1,2-Dichlorobenzene
Concen: 5.13 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

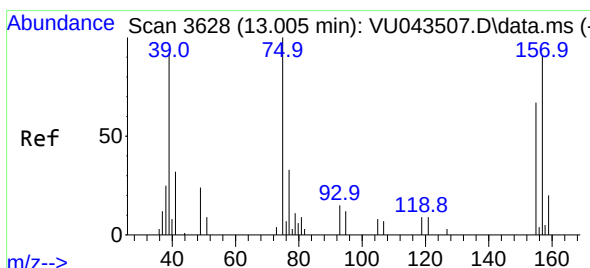
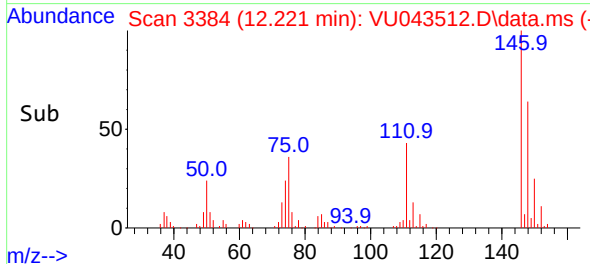
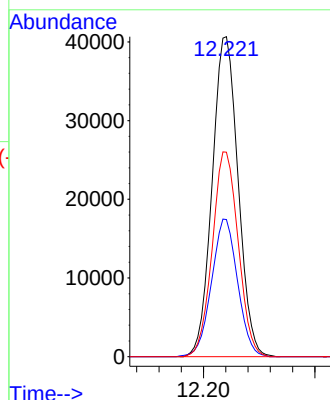
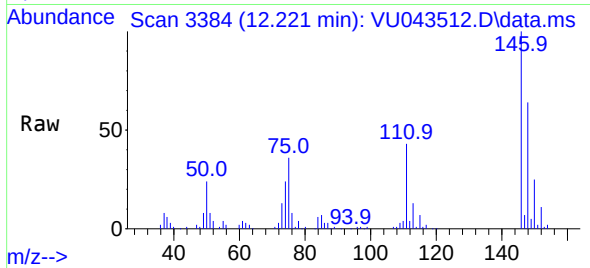
Tgt Ion:	146	Resp:	65654
Ion Ratio	Lower	Upper	
146	100		
111	42.8	32.6	49.0
148	63.9	51.8	77.8

Instrument :
MSVOA_U
ClientSampleId :
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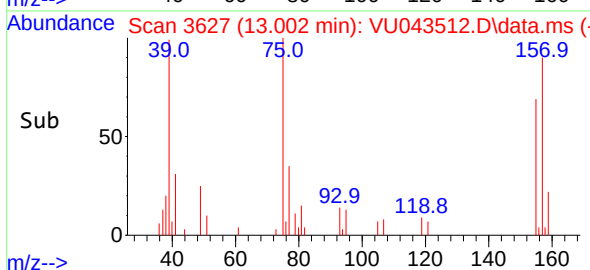
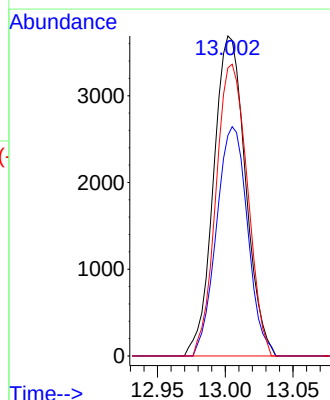
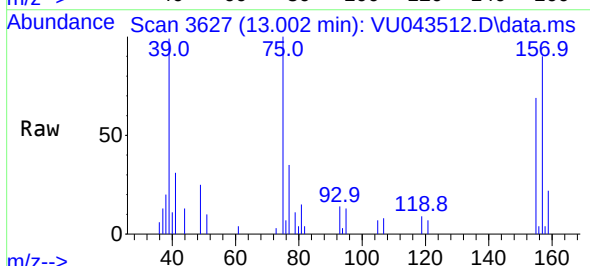
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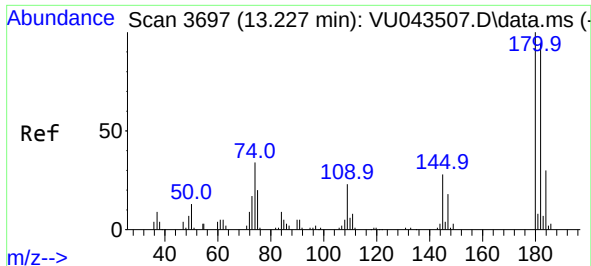
5/6/2021 11:22:52 AM



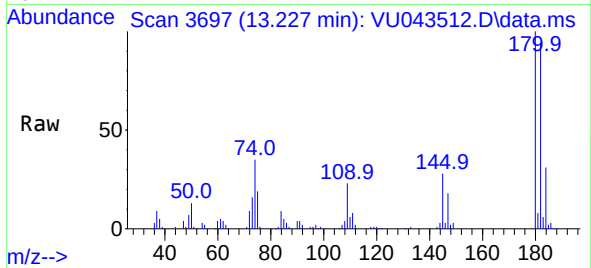
#68
1,2-Dibromo-3-chloropropane
Concen: 5.33 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.003 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50

Tgt Ion:	75	Resp:	6054
Ion Ratio	Lower	Upper	
75	100		
155	68.9	57.8	86.6
157	90.1	68.5	102.7

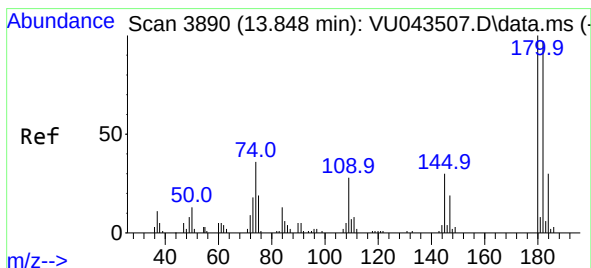
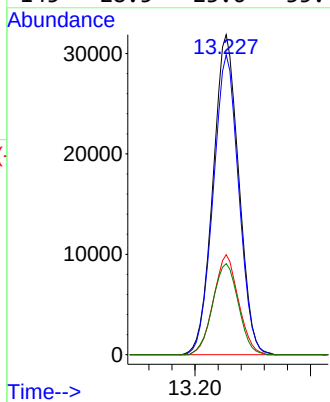
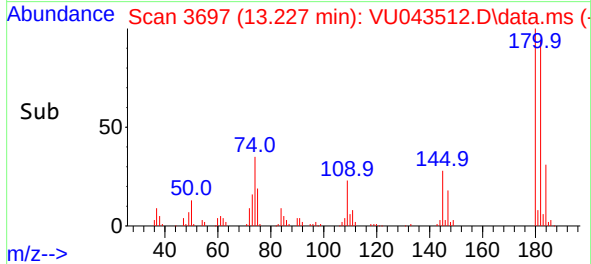




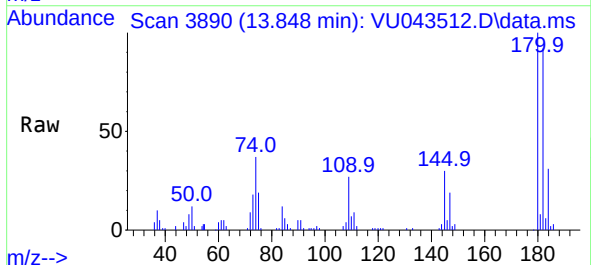
#69
1,3,5-Trichlorobenzene
Concen: 4.89 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50



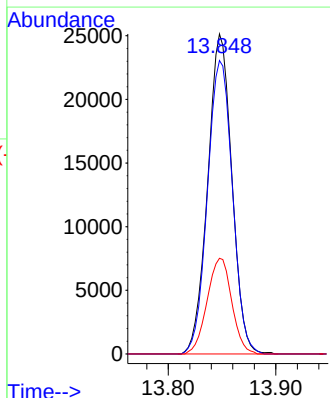
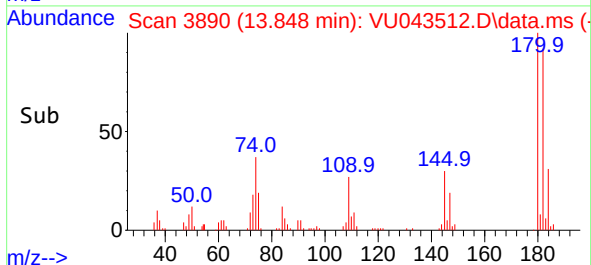
Tgt Ion:180 Resp: 49183
Ion Ratio Lower Upper
180 100
182 93.0 76.0 114.0
184 30.5 24.1 36.1
145 28.5 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 4.73 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50



Tgt Ion:180 Resp: 39215
Ion Ratio Lower Upper
180 100
182 94.7 75.9 113.9
145 30.5 24.6 37.0

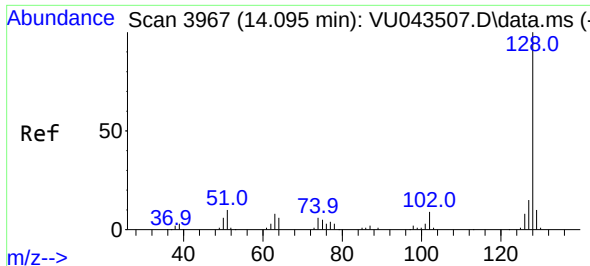


Instrument :
MSVOA_U
ClientSampleId :
GB3H2MS

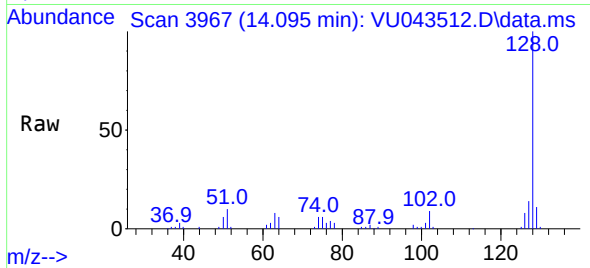
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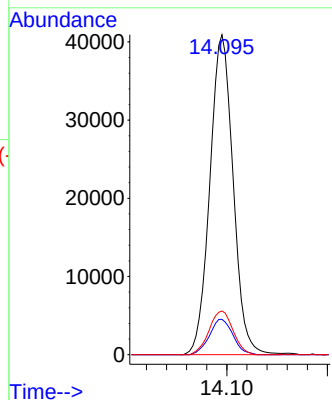
5/6/2021 11:22:52 AM



#71
Naphthalene
Concen: 4.60 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50



Tgt Ion:128 Resp: 65696
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 14.1 10.6 15.8

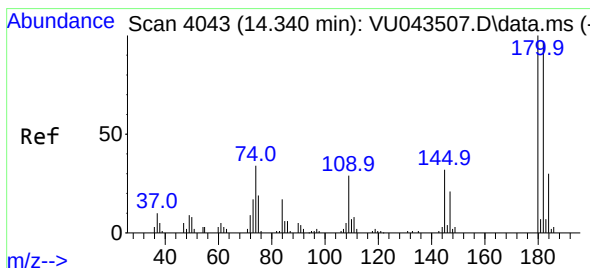


Instrument :
MSVOA_U
ClientSampleId :
GB3H2MS

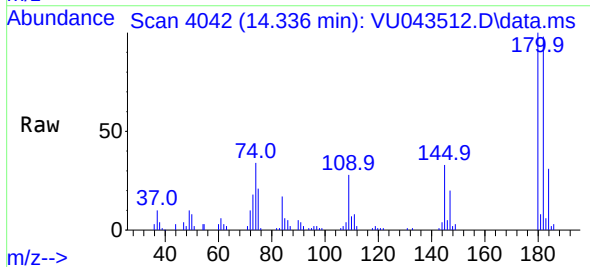
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5/6/2021 11:22:52 AM



#72
1,2,3-Trichlorobenzene
Concen: 4.90 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU043512.D
Acq: 04 May 2021 11:50



Tgt Ion:180 Resp: 38168
Ion Ratio Lower Upper
180 100
182 97.0 75.7 113.5
145 33.3 25.7 38.5

