

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043513.D
 Acq On : 04 May 2021 12:14
 Operator : SY/MD
 Sample : M2195-04MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H2MSD

Manual Integrations
 APPROVED

MMDadoda

5/6/2021 11:22:56 AM

Quant Time: May 05 04:53:59 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	6.256	114	79958	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	76741	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	36624	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	31872	4.95	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.00%			
7) Chloroethane-d5	1.919	69	24895	5.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.80%			
11) 1,1-Dichloroethene-d2	2.572	65	14496	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.80%			
20) 2-Butanone-d5	4.645	46	132139	66.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 132.40%#			
24) Chloroform-d	5.073	84	67683	5.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.00%			
26) 1,2-Dichloroethane-d4	5.713	65	42926	5.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 115.80%			
32) Benzene-d6	5.735	84	117476	5.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.20%			
36) 1,2-Dichloropropane-d6	6.700	67	42427	5.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 116.60%			
41) Toluene-d8	7.906	98	101613	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.60%			
43) trans-1,3-Dichloroprop...	8.185	79	15697	5.34	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.80%			
46) 2-Hexanone-d5	8.642	63	87972	71.42	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 142.84%#			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35004	6.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 120.00%			
66) 1,2-Dichlorobenzene-d4	12.201	152	35414	5.42	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.40%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	22274	4.12	ug/L	99
3) Chloromethane	1.523	50	31947	5.60	ug/L	95
5) Vinyl chloride	1.607	62	29177	5.39	ug/L	96
6) Bromomethane	1.861	94	16086	6.28	ug/L	99
8) Chloroethane	1.938	64	19124	5.47	ug/L	99
9) Trichlorofluoromethane	2.144	101	39356	4.67	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	21173	4.07	ug/L	98
12) 1,1-Dichloroethene	2.584	96	22847	5.11	ug/L	96
13) Acetone	2.662	43	96736	72.67	ug/L	97
14) Carbon disulfide	2.800	76	54886	4.91	ug/L	99
15) Methyl Acetate	2.964	43	19073	6.28	ug/L	94
16) Methylene chloride	3.054	84	34037	4.75	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	83733	6.41	ug/L	97
18) trans-1,2-Dichloroethene	3.363	96	24624	5.29	ug/L	99
19) 1,1-Dichloroethane	3.880	63	64647	5.83	ug/L	98
21) 2-Butanone	4.726	43	144002	67.48	ug/L	100
22) cis-1,2-Dichloroethene	4.678	96	33455	6.11	ug/L	96
23) Bromochloromethane	4.986	128	15133	6.21	ug/L	91
25) Chloroform	5.099	83	68988	5.85	ug/L	99

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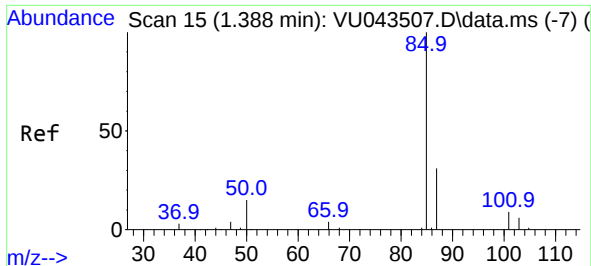
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	48798	6.09	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	48589	5.38	ug/L	99
30) Cyclohexane	5.398	56	32441	4.50	ug/L	99
31) Carbon tetrachloride	5.533	117	36676	4.96	ug/L	99
33) Benzene	5.784	78	121212	5.99	ug/L	100
34) Trichloroethene	6.549	95	32360	6.27	ug/L	99
35) Methylcyclohexane	6.771	83	28571	4.28	ug/L	99
37) 1,2-Dichloropropane	6.800	63	38068	6.31	ug/L	100
38) Bromodichloromethane	7.115	83	47757	6.11	ug/L	95
39) cis-1,3-Dichloropropene	7.613	75	44434	5.55	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	345927	70.04	ug/L	100
42) Toluene	7.977	91	129852	6.14	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	41859	5.74	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	26833	6.44	ug/L	99
47) Tetrachloroethene	8.565	164	1908509	501.85	ug/L	97
48) 2-Hexanone	8.694	43	256989	70.14	ug/L	99
49) Dibromochloromethane	8.816	129	31209m	6.19	ug/L	
50) 1,2-Dibromoethane	8.931	107	24267	6.25	ug/L	98
51) Chlorobenzene	9.452	112	72504	5.39	ug/L	98
52) Ethylbenzene	9.578	91	118203	5.27	ug/L	99
53) m,p-Xylene	9.700	106	43698	5.36	ug/L	94
54) o-Xylene	10.108	106	42968	5.43	ug/L	98
55) Styrene	10.121	104	67819	4.89	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	35999	6.40	ug/L	97
59) Bromoform	10.298	173	17773	6.67	ug/L	100
60) Isopropylbenzene	10.491	105	105764	5.30	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	26053	7.03	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	83496	5.32	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	87159	5.55	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	56169	5.68	ug/L	98
65) 1,4-Dichlorobenzene	11.845	146	56096	5.52	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	56960	5.72	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	6060	6.86	ug/L	94
69) 1,3,5-Trichlorobenzene	13.227	180	39996	5.11	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	34271	5.31	ug/L	99
71) Naphthalene	14.095	128	69125	6.21	ug/L	98
72) 1,2,3-Trichlorobenzene	14.336	180	34289	5.66	ug/L	97

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



#2
Dichlorodifluoromethane
Concen: 4.12 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

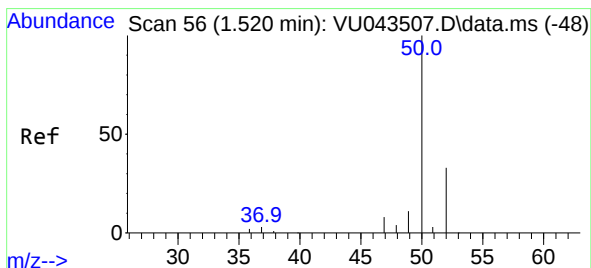
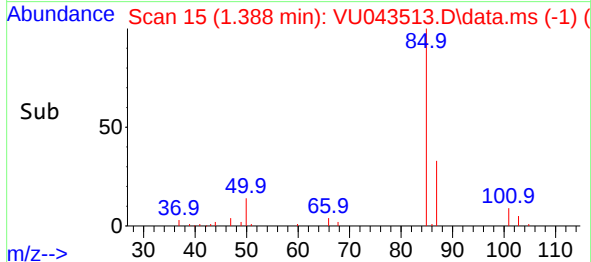
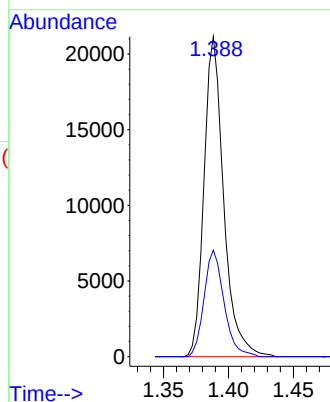
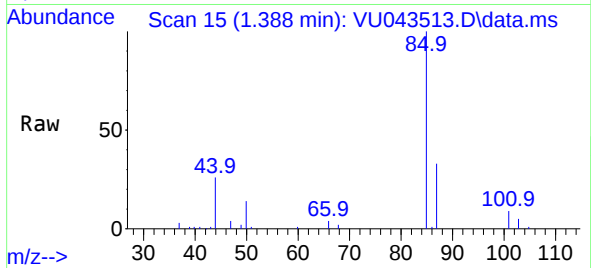
Tgt Ion: 85 Resp: 22274
Ion Ratio Lower Upper
85 100
87 33.8 26.6 39.8

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MSD

Manual Integrations
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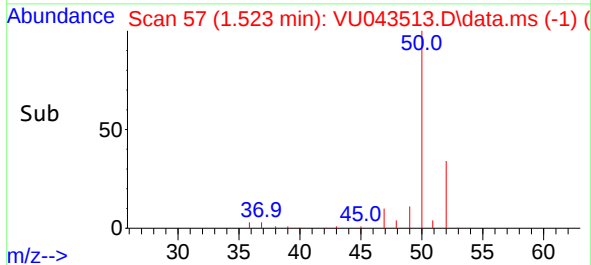
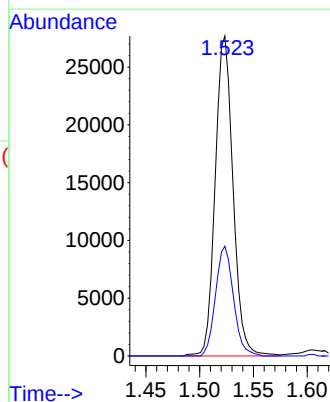
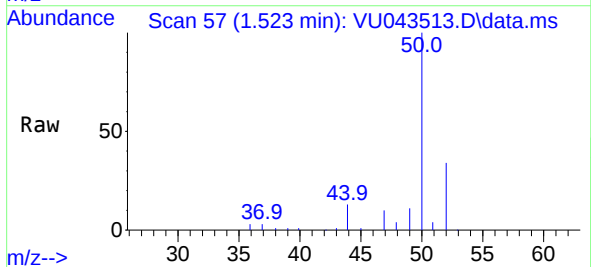
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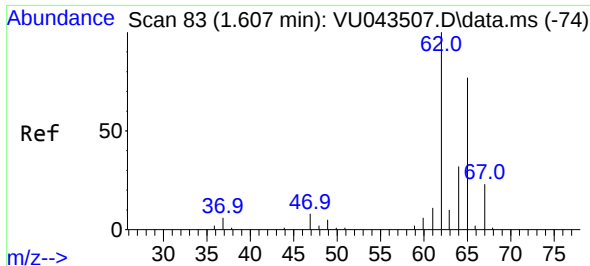
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#3
Chloromethane
Concen: 5.60 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

Tgt Ion: 50 Resp: 31947
Ion Ratio Lower Upper
50 100
52 34.3 22.1 41.1





#5
 Vinyl chloride
 Concen: 5.39 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043513.D
 Acq: 04 May 2021 12:14

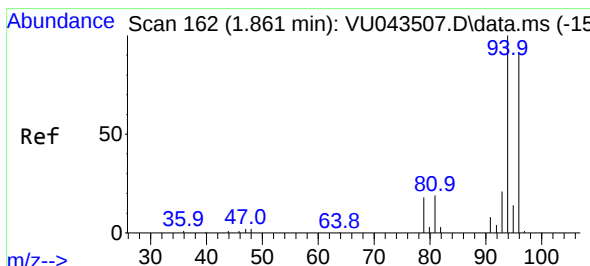
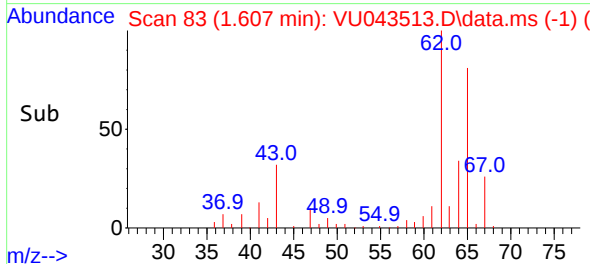
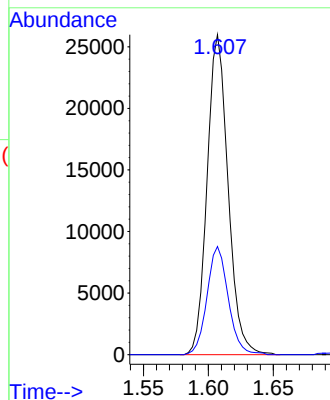
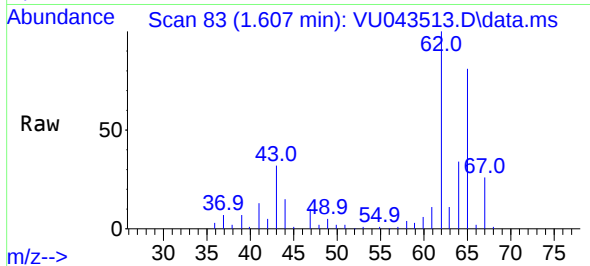
Tgt Ion: 62 Resp: 29177
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.3 41.3

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H2MSD

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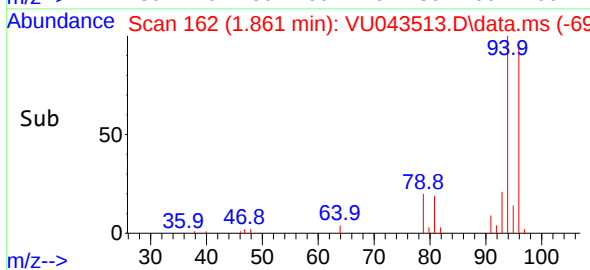
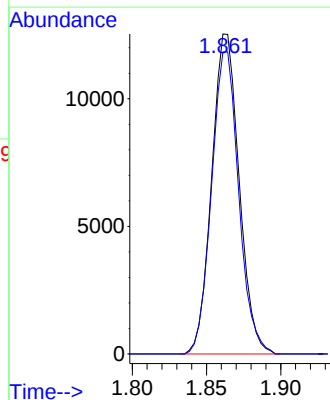
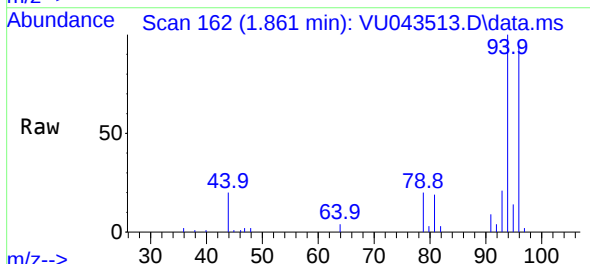
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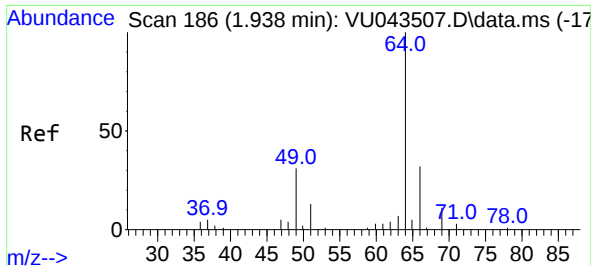
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#6
 Bromomethane
 Concen: 6.28 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU043513.D
 Acq: 04 May 2021 12:14

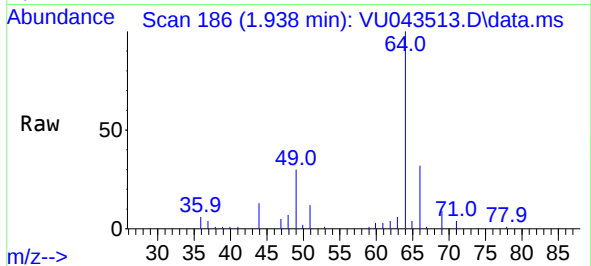
Tgt Ion: 94 Resp: 16086
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.7 121.9





#8
Chloroethane
Concen: 5.47 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

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GB3H2MSD

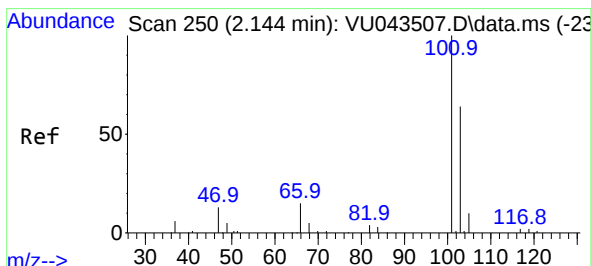
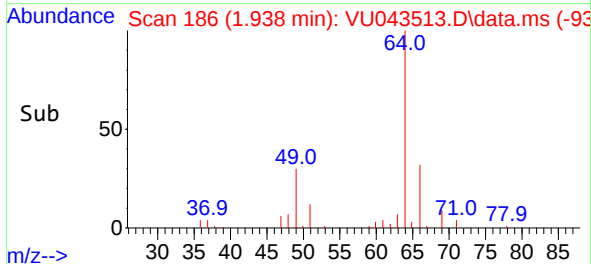
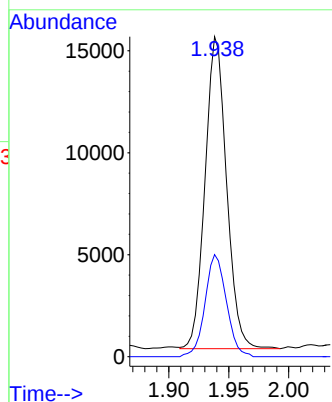


Tgt Ion: 64 Resp: 19124
Ion Ratio Lower Upper
64 100
66 31.9 21.8 40.4

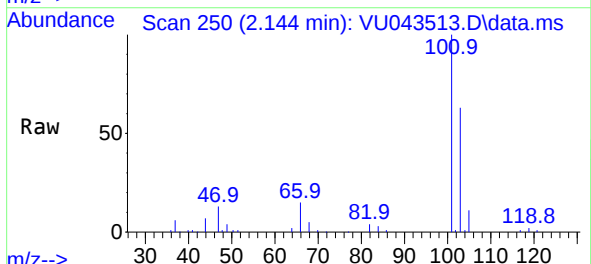
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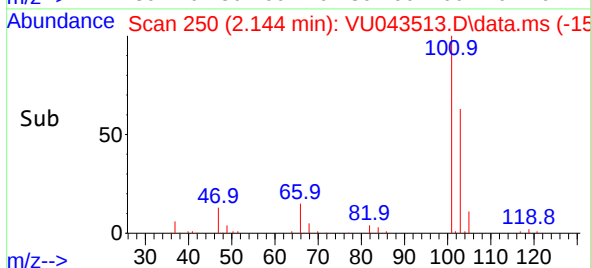
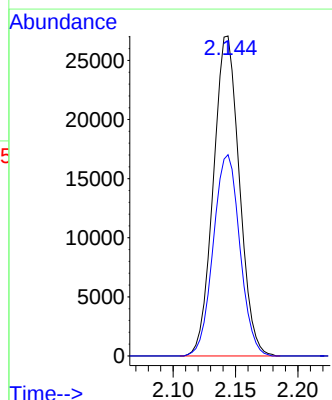
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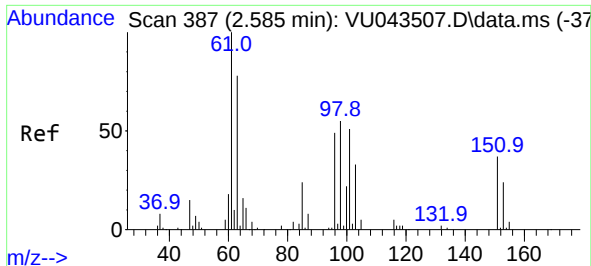


#9
Trichlorofluoromethane
Concen: 4.67 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14



Tgt Ion: 101 Resp: 39356
Ion Ratio Lower Upper
101 100
103 64.2 52.6 78.8





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.07 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

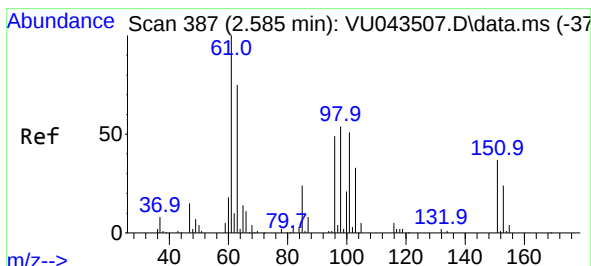
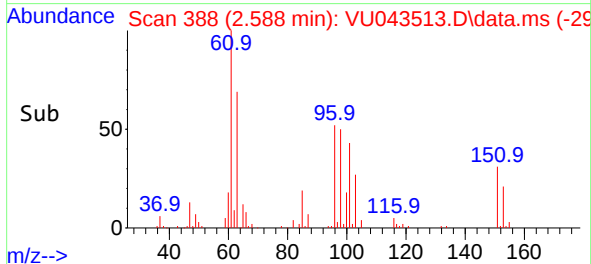
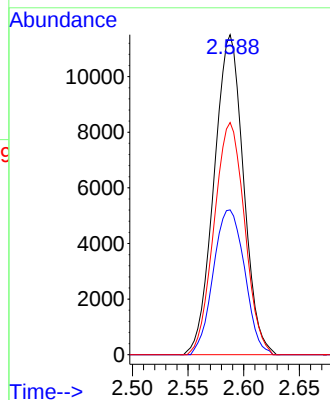
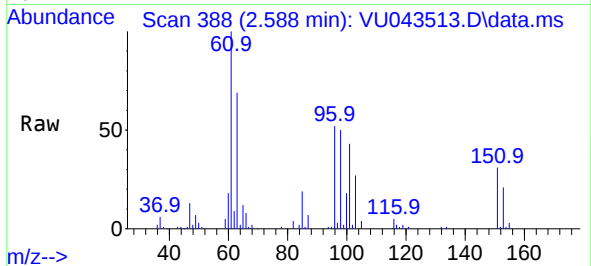
Tgt Ion: 101 Resp: 21173
Ion Ratio Lower Upper
101 100
85 48.1 38.5 57.7
151 75.2 58.5 87.7

Instrument :
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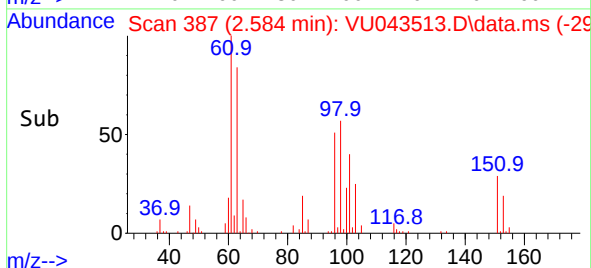
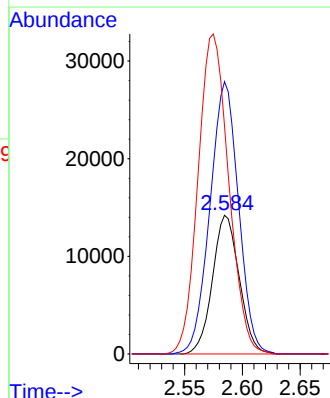
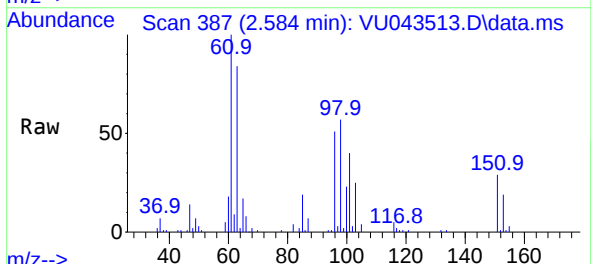
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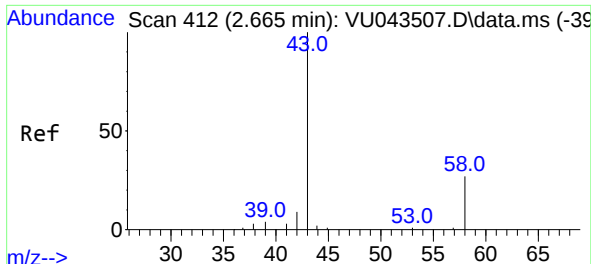
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#12
1,1-Dichloroethene
Concen: 5.11 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

Tgt Ion: 96 Resp: 22847
Ion Ratio Lower Upper
96 100
61 196.3 141.2 262.2
63 164.4 111.1 206.3





#13
Acetone
Concen: 72.67 ug/L
RT: 2.662 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

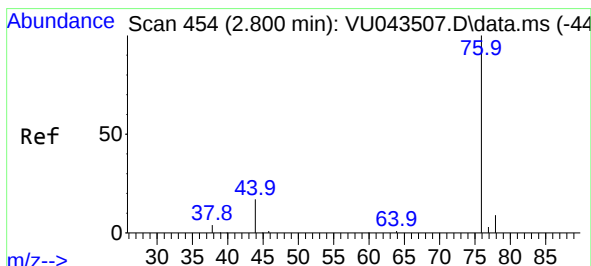
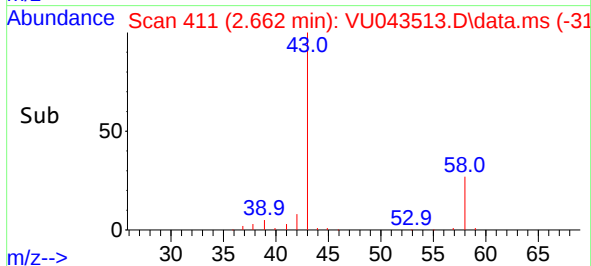
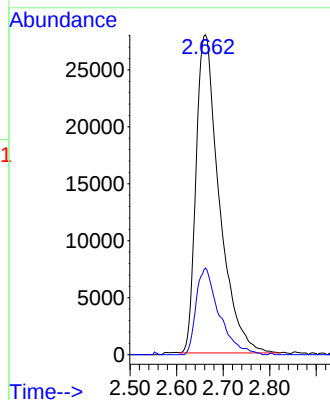
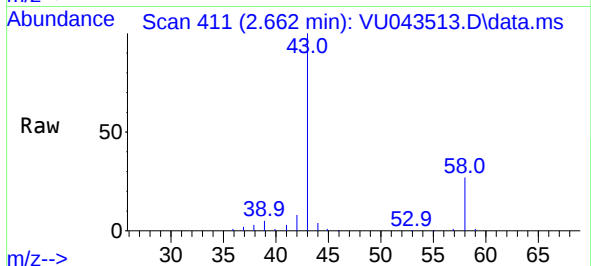
Tgt Ion: 43 Resp: 96736
Ion Ratio Lower Upper
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Instrument :
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GB3H2MSD

Manual Integrations
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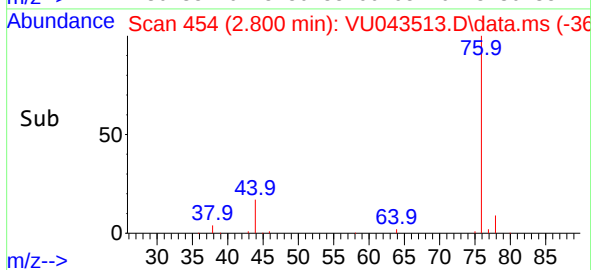
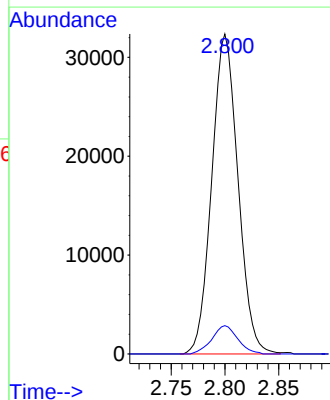
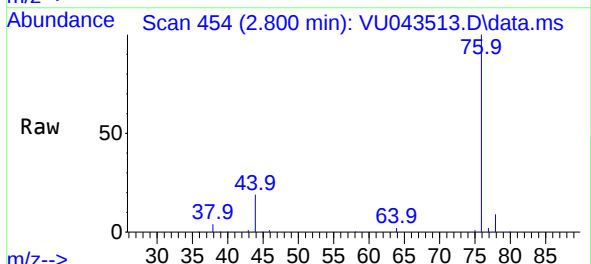
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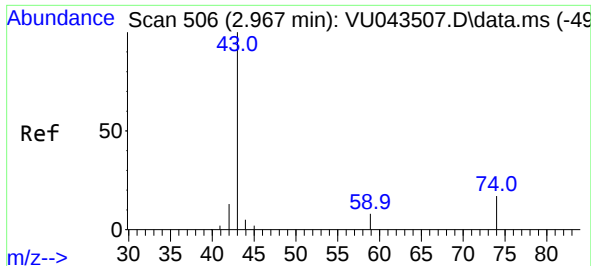
5/6/2021 11:22:56 AM



#14
Carbon disulfide
Concen: 4.91 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

Tgt Ion: 76 Resp: 54886
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2





#15
Methyl Acetate
Concen: 6.28 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.003 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

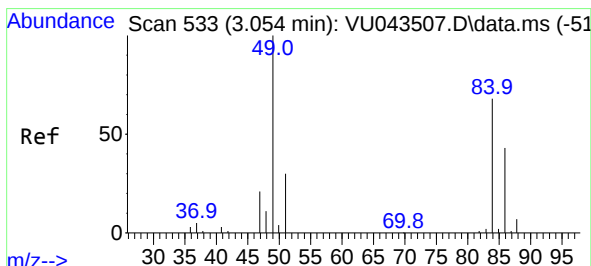
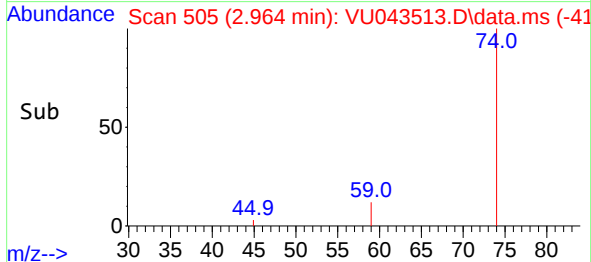
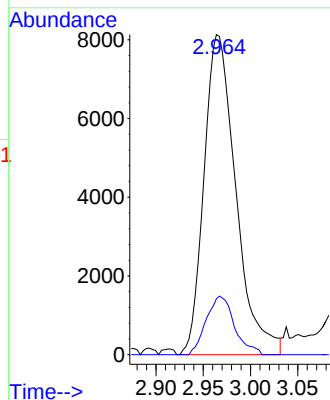
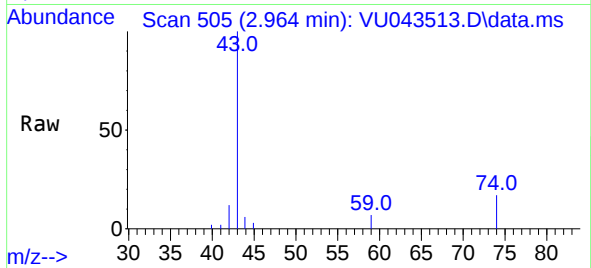
Tgt Ion: 43 Resp: 19073
Ion Ratio Lower Upper
43 100
74 16.2 15.2 22.8

Instrument :
MSVOA_U
ClientSampleId :
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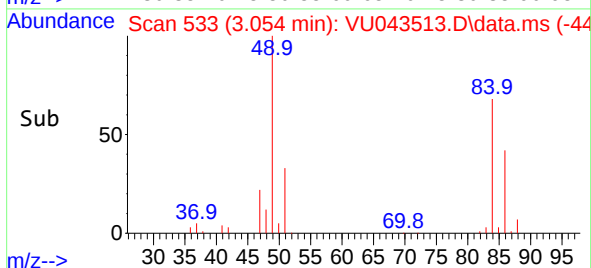
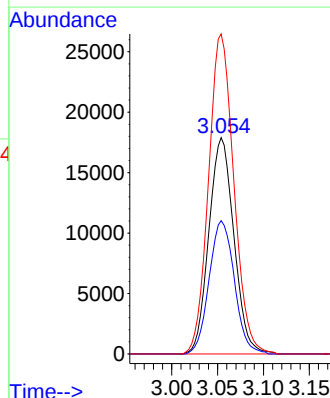
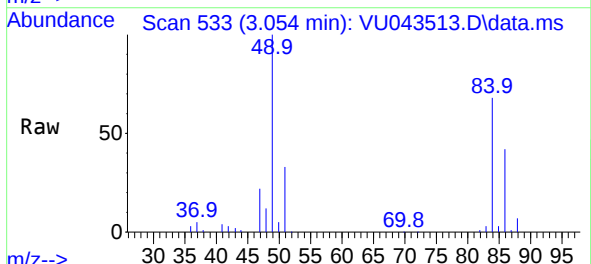
MMDadoda

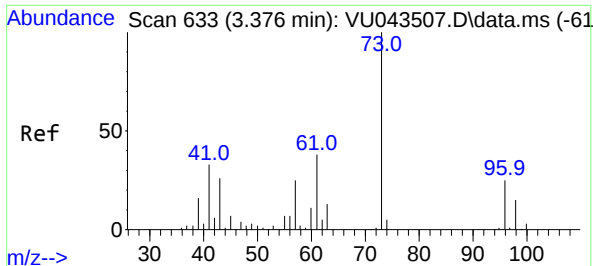
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#16
Methylene chloride
Concen: 4.75 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

Tgt Ion: 84 Resp: 34037
Ion Ratio Lower Upper
84 100
86 61.6 45.6 84.6
49 147.9 107.0 198.8





#17
Methyl tert-butyl Ether
Concen: 6.41 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

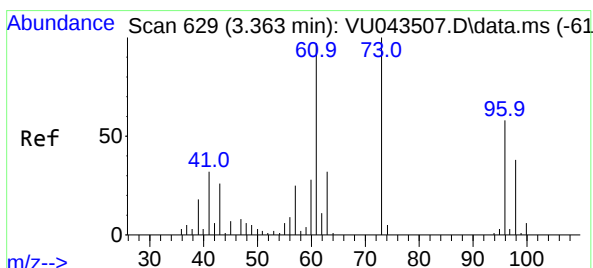
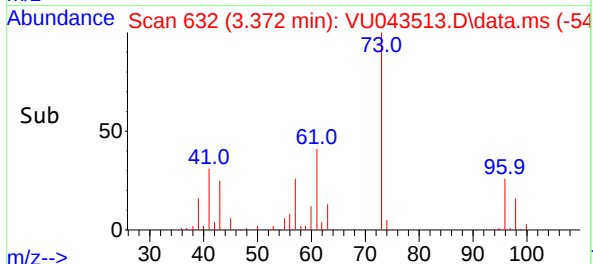
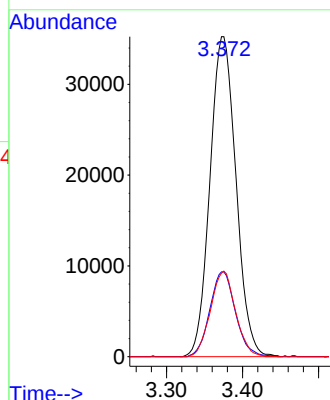
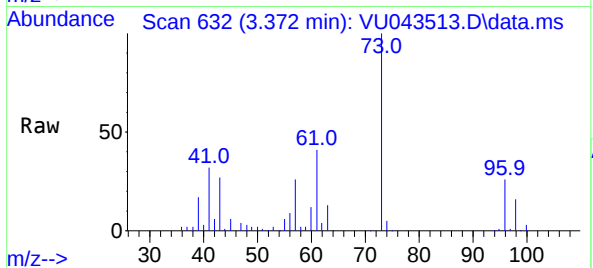
Tgt Ion: 73	Resp: 83733
Ion Ratio	Lower Upper
73 100	
43 26.2	20.6 30.8
57 25.7	18.7 28.1

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MSD

Manual Integrations
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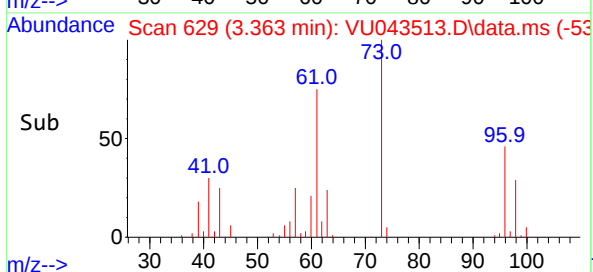
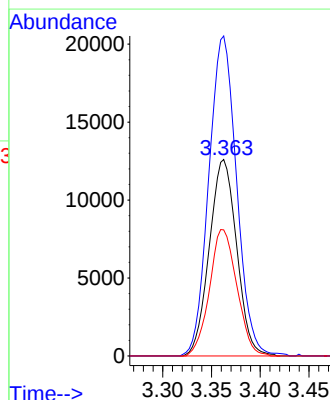
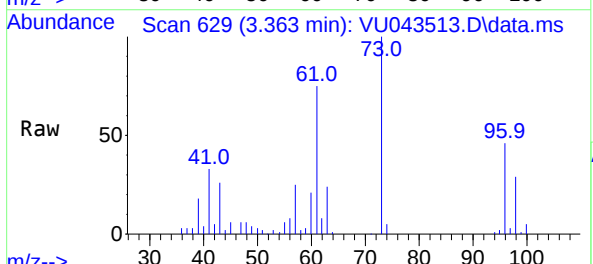
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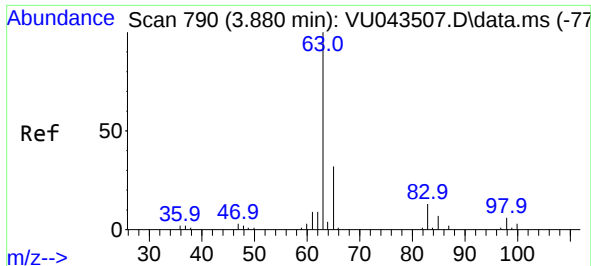
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#18
trans-1,2-Dichloroethene
Concen: 5.29 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

Tgt Ion: 96	Resp: 24624
Ion Ratio	Lower Upper
96 100	
61 162.9	113.5 210.9
98 64.1	45.4 84.2





#19

1,1-Dichloroethane
Concen: 5.83 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

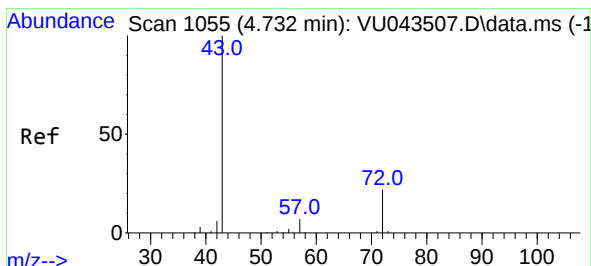
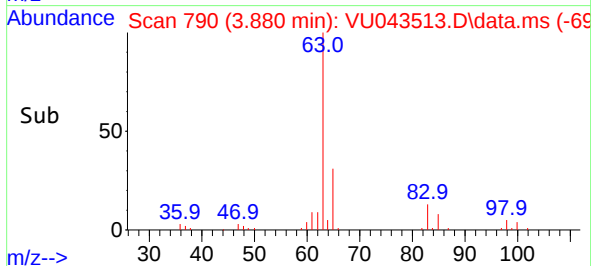
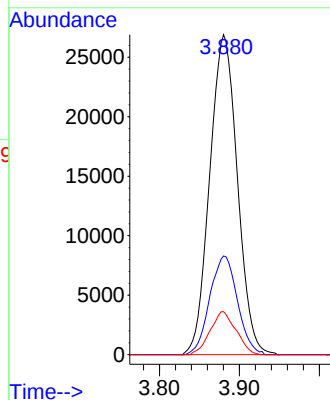
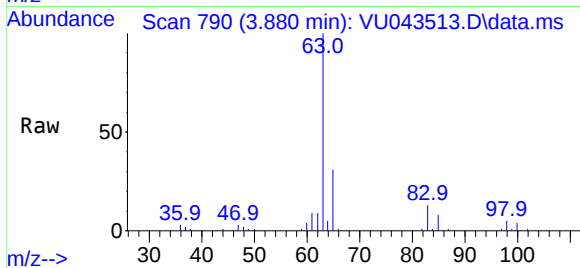
Tgt Ion:	63	Resp:	64647
Ion Ratio	Lower	Upper	
63	100		
65	30.9	22.7	42.1
83	13.4	9.4	17.4

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MSD

Manual Integrations
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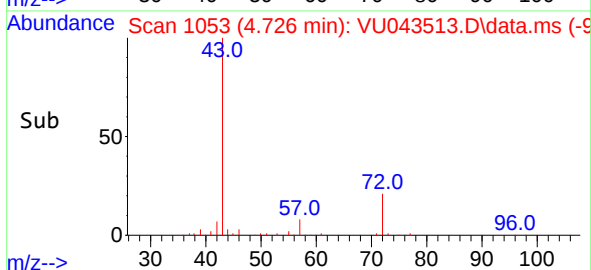
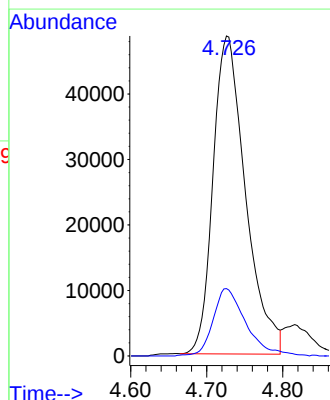
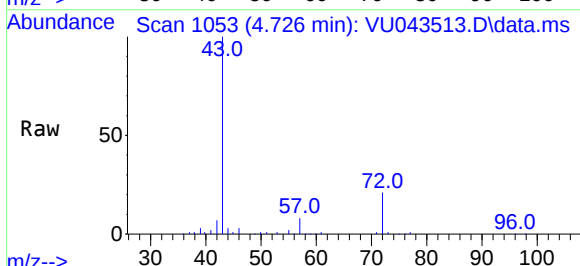
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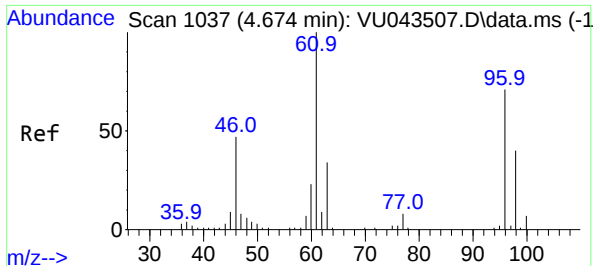


#21

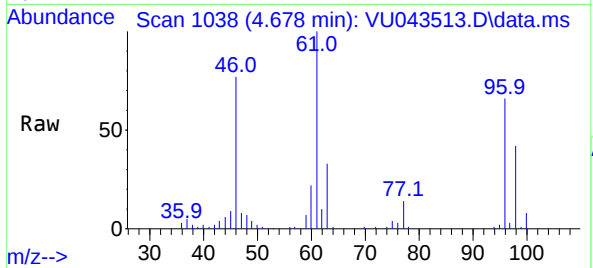
2-Butanone
Concen: 67.48 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. -0.007 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

Tgt Ion:	43	Resp:	144002
Ion Ratio	Lower	Upper	
43	100		
72	21.5	10.8	32.4



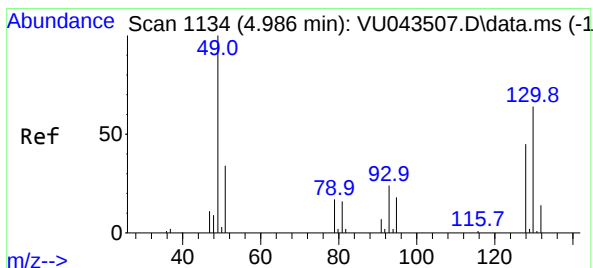
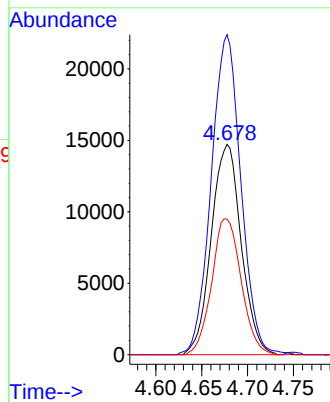
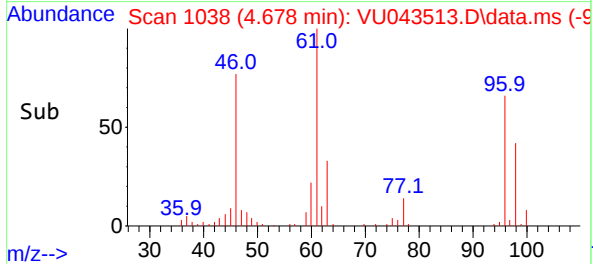


#22
cis-1,2-Dichloroethene
Concen: 6.11 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

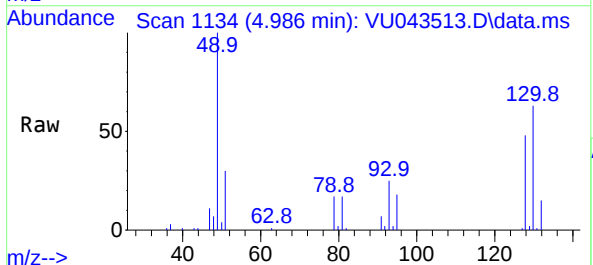


Tgt Ion: 96 Resp: 33455

Ion	Ratio	Lower	Upper
96	100		
61	152.2	102.8	190.8
98	64.5	42.8	79.6

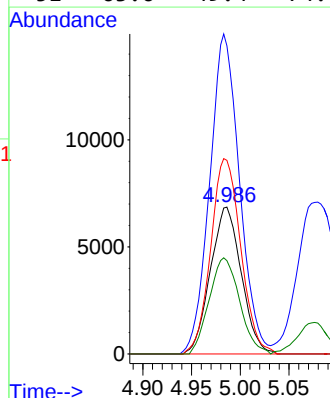
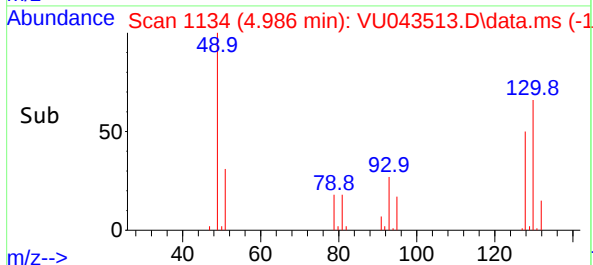


#23
Bromochloromethane
Concen: 6.21 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14



Tgt Ion: 128 Resp: 15133

Ion	Ratio	Lower	Upper
128	100		
49	209.8	134.2	249.2
130	131.8	87.2	162.0
51	63.6	49.4	74.0

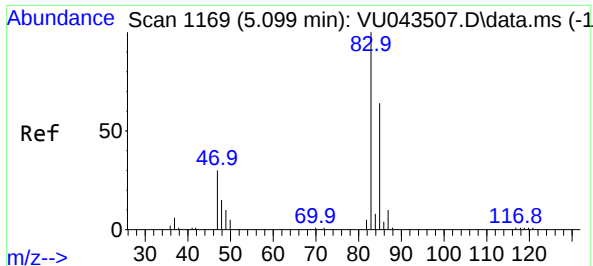


Instrument :
MSVOA_U
ClientSampleId :
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#25
Chloroform
Concen: 5.85 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

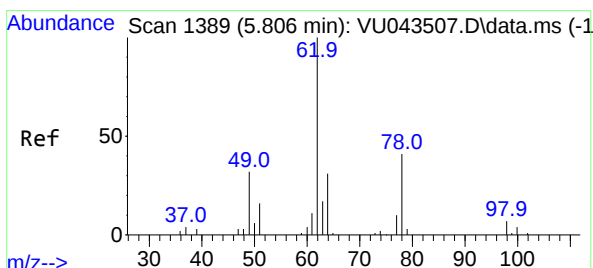
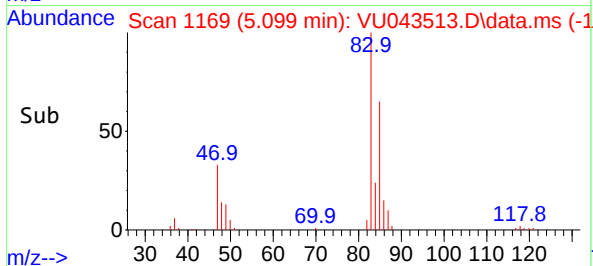
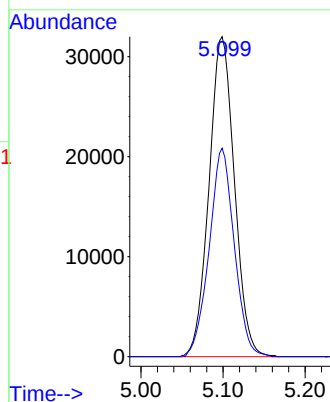
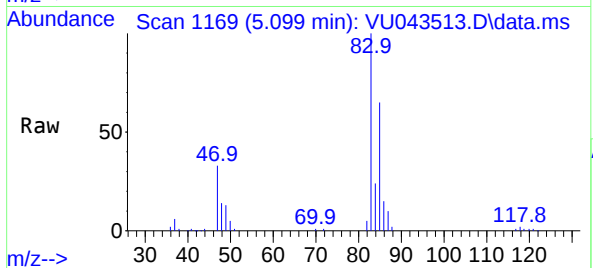
Tgt Ion: 83 Resp: 68988
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.9

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MSD

Manual Integrations
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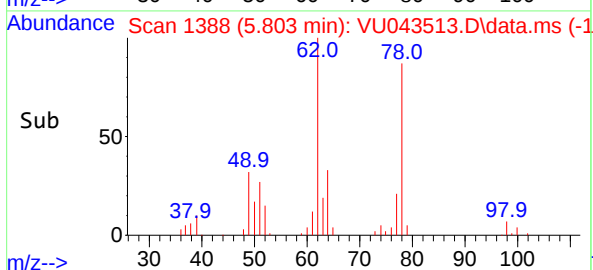
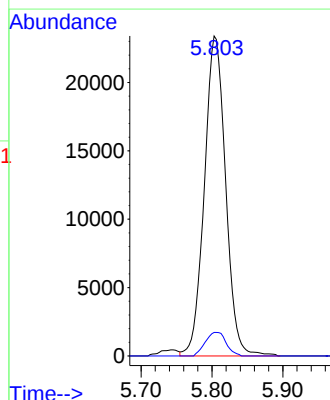
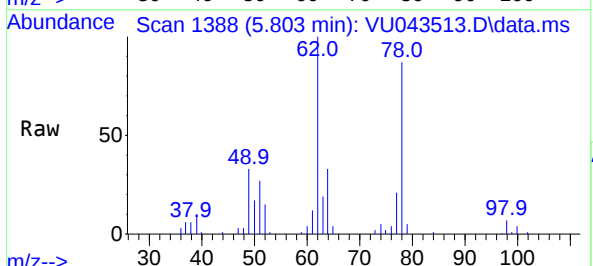
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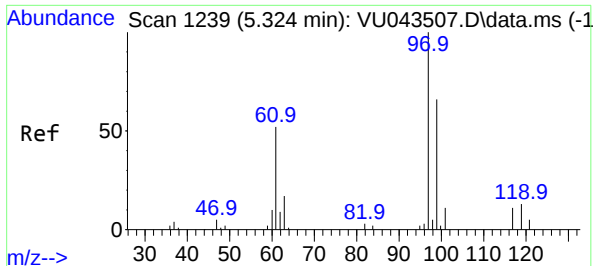
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#27
1,2-Dichloroethane
Concen: 6.09 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

Tgt Ion: 62 Resp: 48798
Ion Ratio Lower Upper
62 100
98 7.3 6.1 9.1





#29
1,1,1-Trichloroethane
Concen: 5.38 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

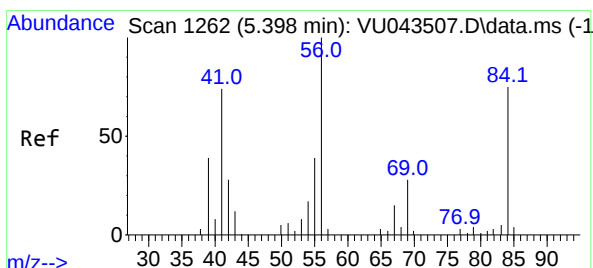
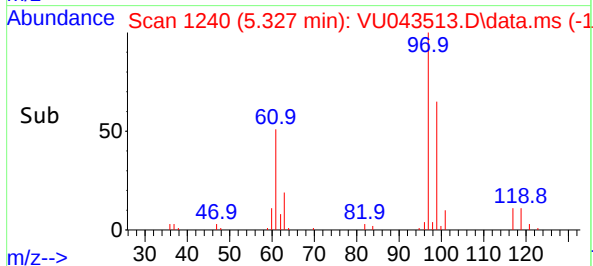
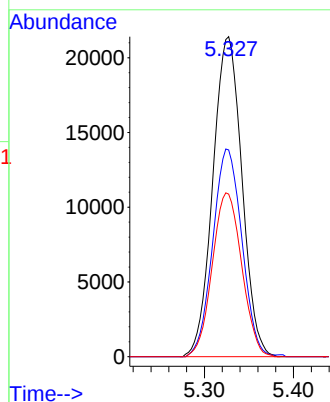
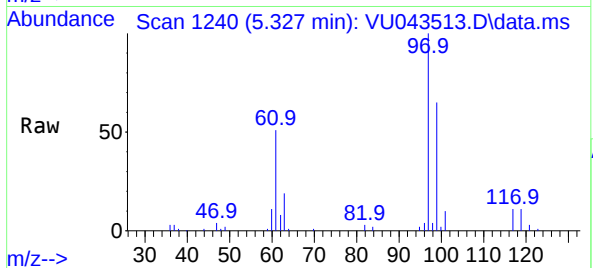
Tgt Ion: 97	Resp: 48589
Ion Ratio	Lower Upper
97 100	
99 64.8	51.8 77.6
61 51.8	39.8 59.8

Instrument :
MSVOA_U
ClientSampleId :
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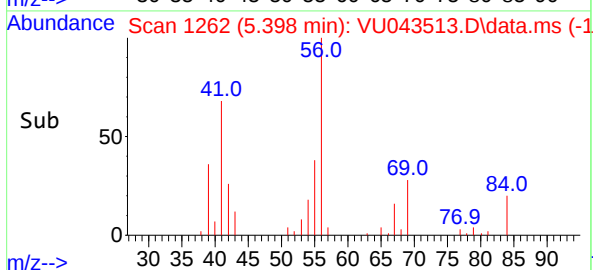
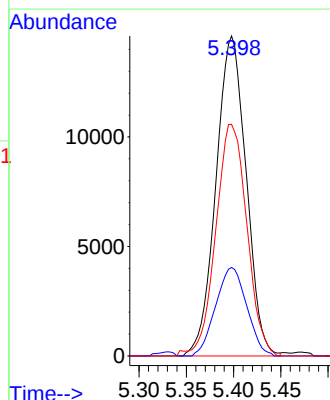
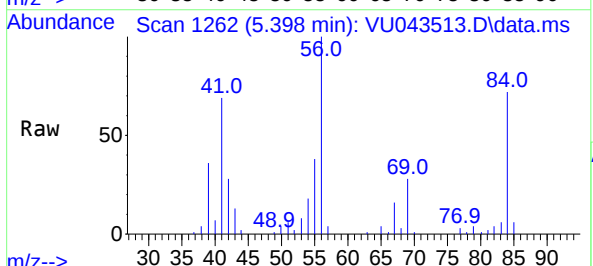
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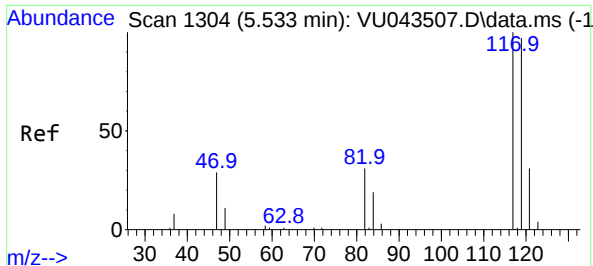
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#30
Cyclohexane
Concen: 4.50 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

Tgt Ion: 56	Resp: 32441
Ion Ratio	Lower Upper
56 100	
69 28.5	23.0 34.4
84 74.6	60.3 90.5





#31
Carbon tetrachloride
Concen: 4.96 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

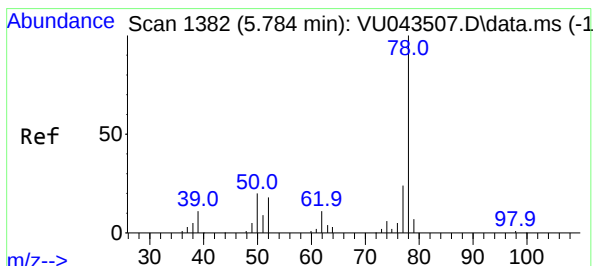
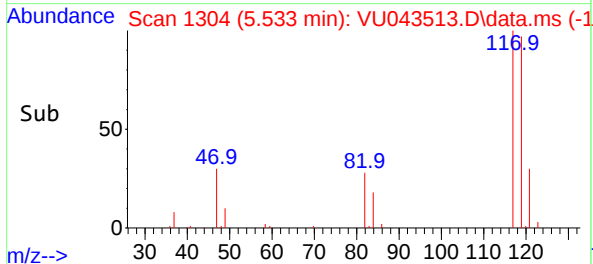
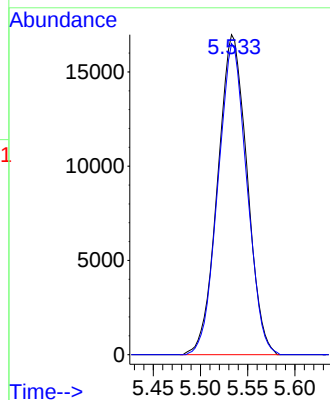
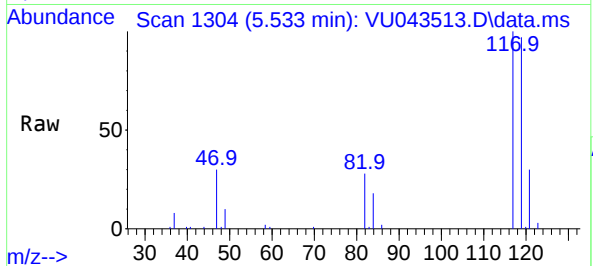
Tgt Ion: 117 Resp: 36676
Ion Ratio Lower Upper
117 100
119 95.5 77.0 115.6

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MSD

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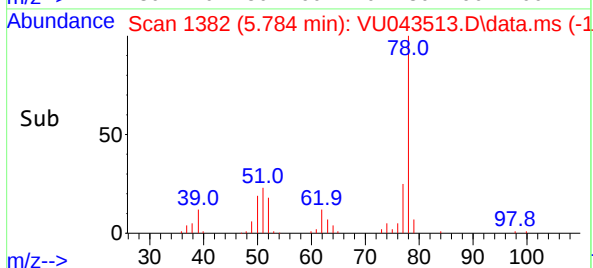
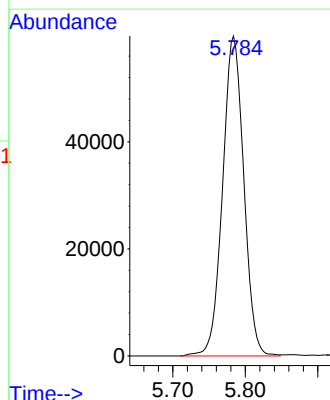
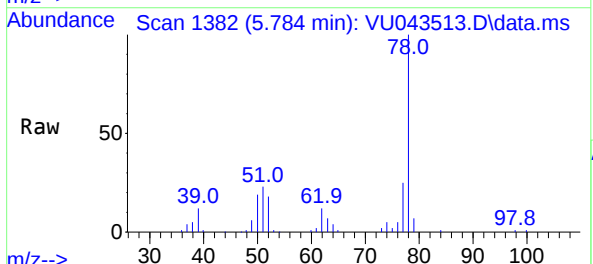
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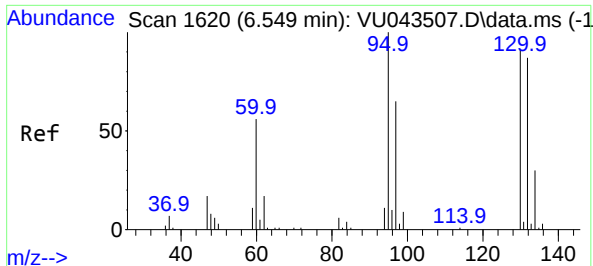
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#33
Benzene
Concen: 5.99 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

Tgt Ion: 78 Resp: 121212





#34
Trichloroethene
Concen: 6.27 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

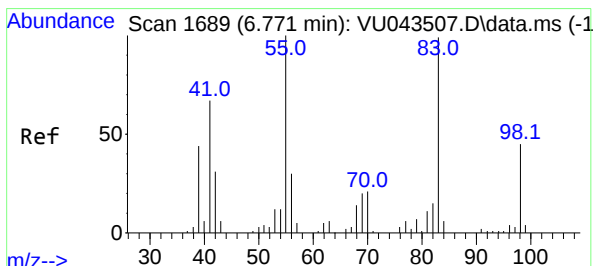
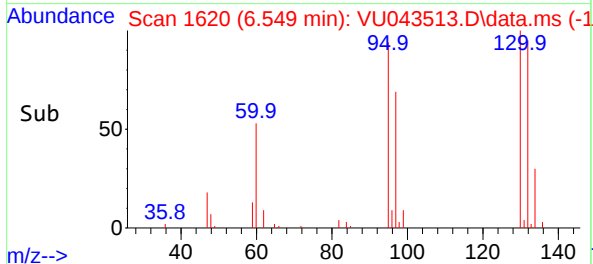
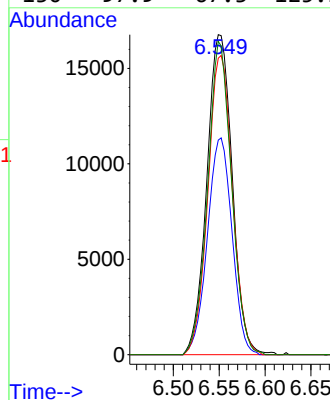
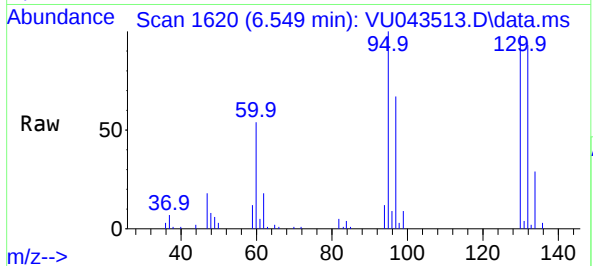
Tgt Ion:	95	Resp:	32360
Ion	Ratio	Lower	Upper
95	100		
97	67.1	46.5	86.5
132	92.7	64.1	119.1
130	97.9	67.3	125.1

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MSD

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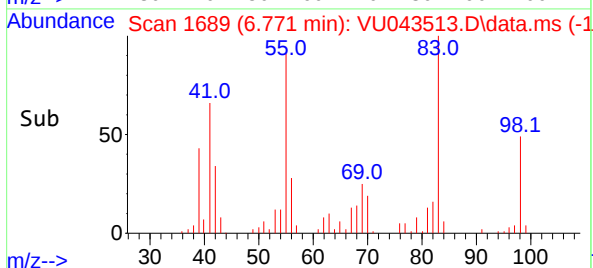
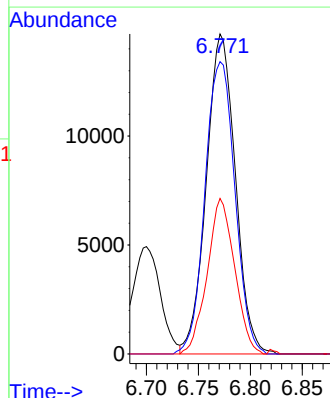
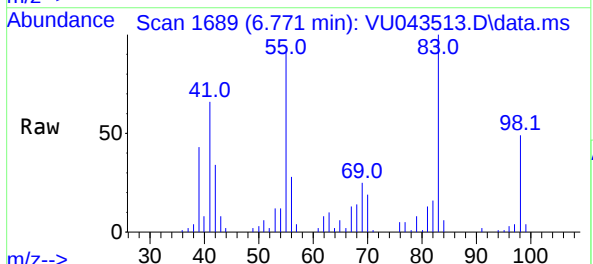
MMDadoda

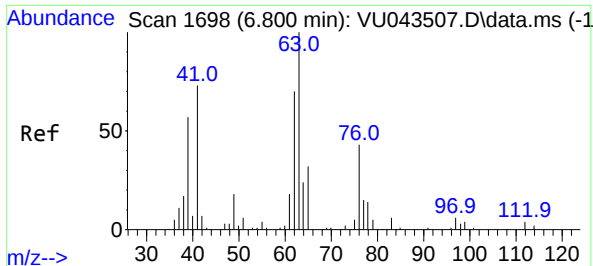
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#35
Methylcyclohexane
Concen: 4.28 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

Tgt Ion:	83	Resp:	28571
Ion	Ratio	Lower	Upper
83	100		
55	94.2	75.8	113.8
98	45.9	35.5	53.3





#37
1,2-Dichloropropane
Concen: 6.31 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

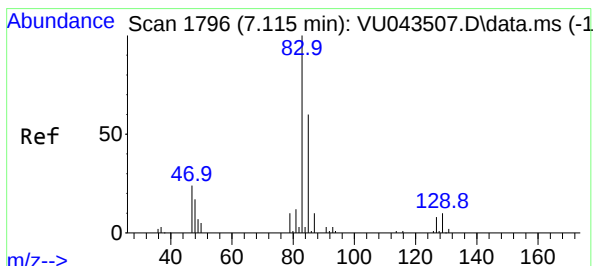
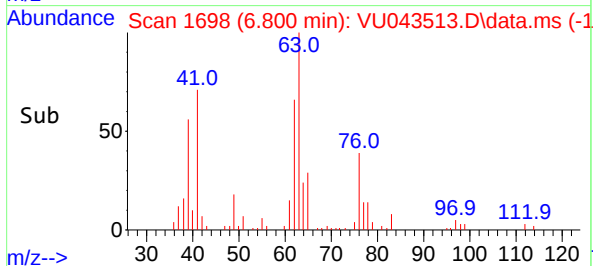
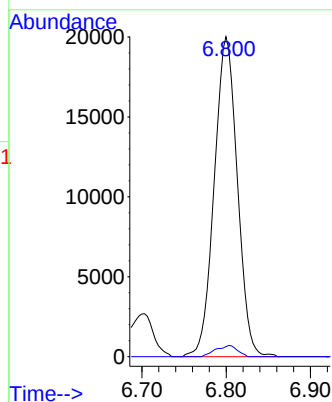
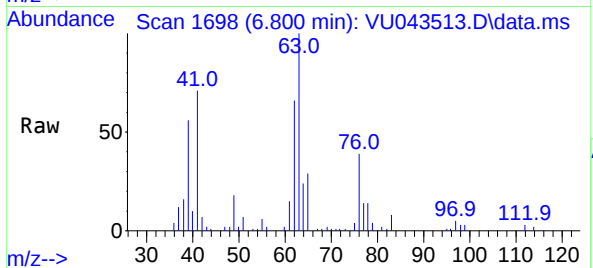
Tgt Ion: 63 Resp: 38068
Ion Ratio Lower Upper
63 100
112 3.3 2.6 3.8

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MSD

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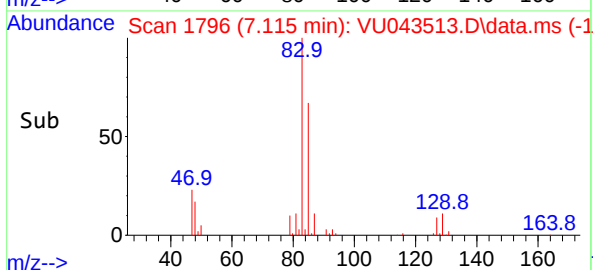
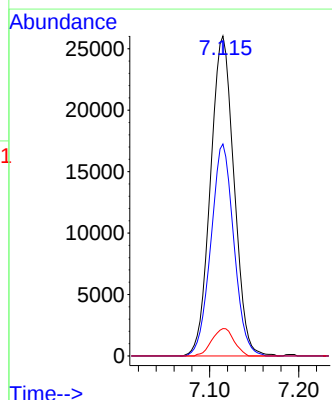
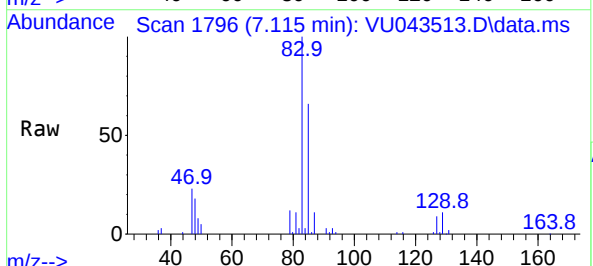
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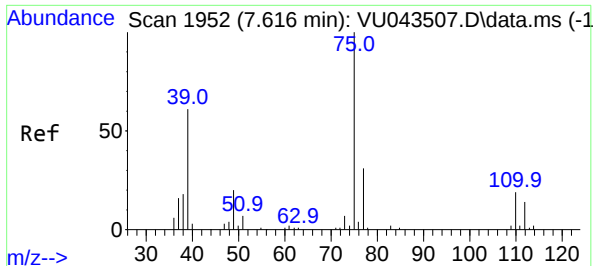
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#38
Bromodichloromethane
Concen: 6.11 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

Tgt Ion: 83 Resp: 47757
Ion Ratio Lower Upper
83 100
85 66.2 43.3 80.5
127 8.6 6.2 9.4





#39
cis-1,3-Dichloropropene
Concen: 5.55 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

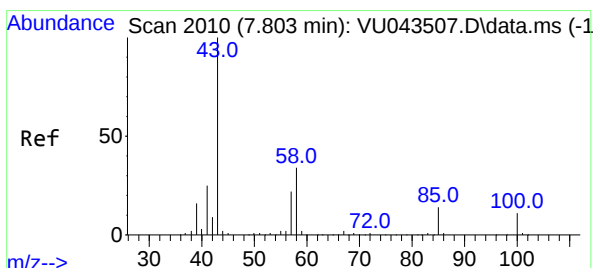
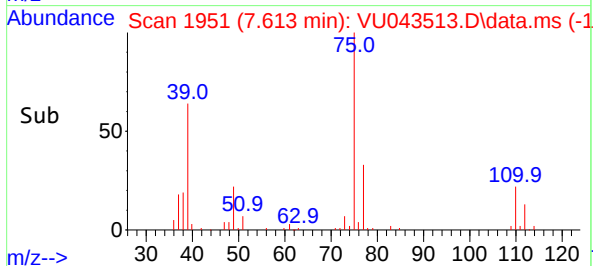
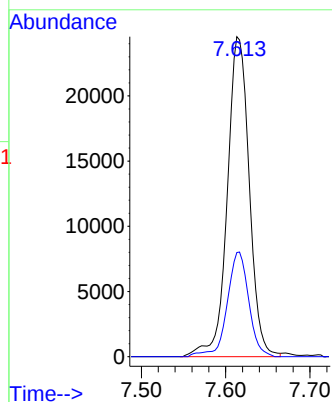
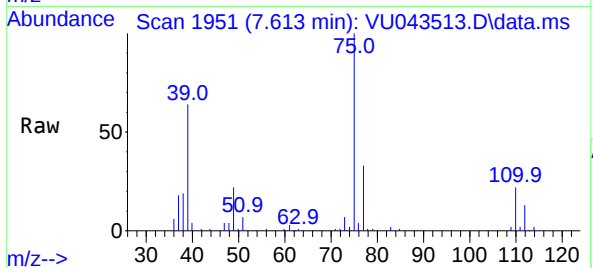
Tgt Ion: 75 Resp: 44434
Ion Ratio Lower Upper
75 100
77 32.6 21.9 40.7

Instrument :
MSVOA_U
ClientSampleId :
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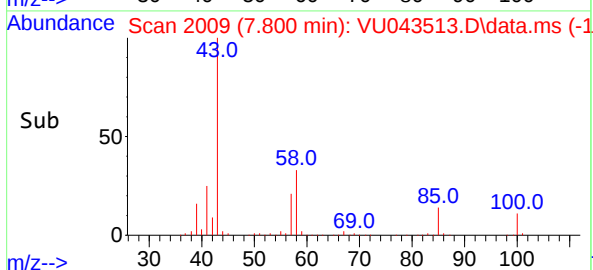
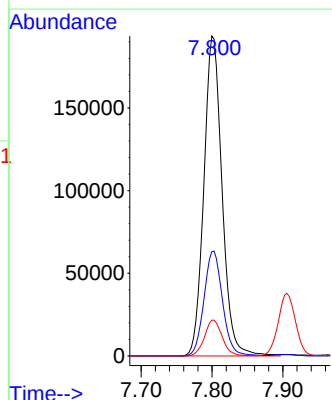
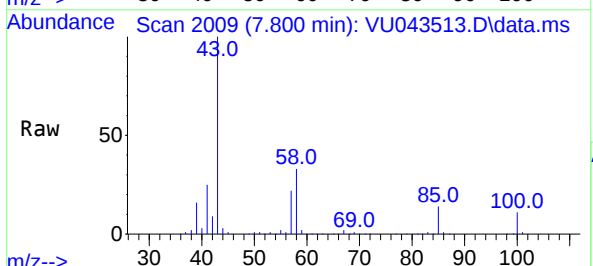
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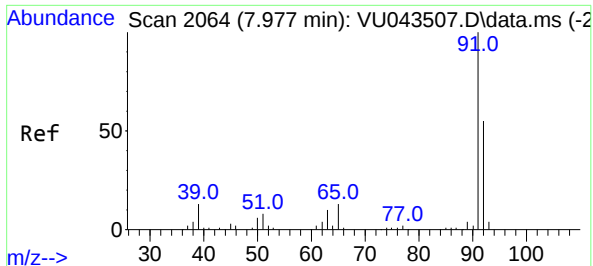
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#40
4-Methyl-2-pentanone
Concen: 70.04 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

Tgt Ion: 43 Resp: 345927
Ion Ratio Lower Upper
43 100
58 33.3 26.9 40.3
100 10.9 8.6 13.0





#42

Toluene

Concen: 6.14 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU043513.D

Acq: 04 May 2021 12:14

Tgt Ion: 91 Resp: 129852

Ion Ratio Lower Upper

91 100

92 55.8 39.1 72.5

Instrument :

MSVOA_U

ClientSampleId :

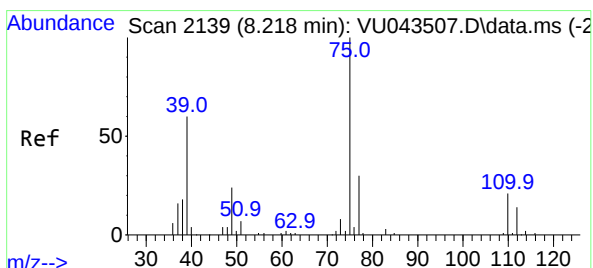
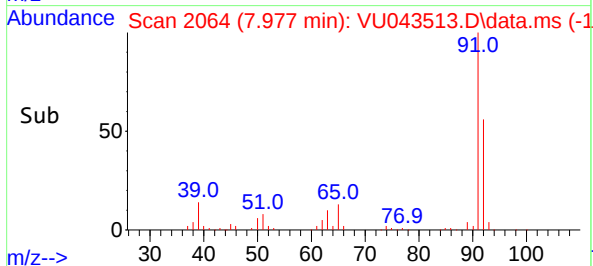
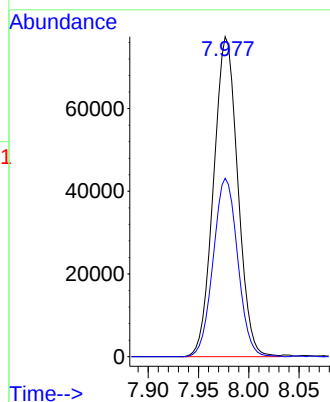
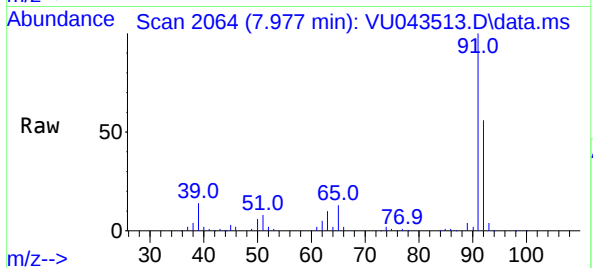
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#44

trans-1,3-Dichloropropene

Concen: 5.74 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. -0.000 min

Lab File: VU043513.D

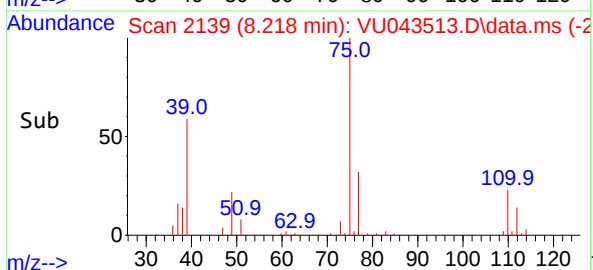
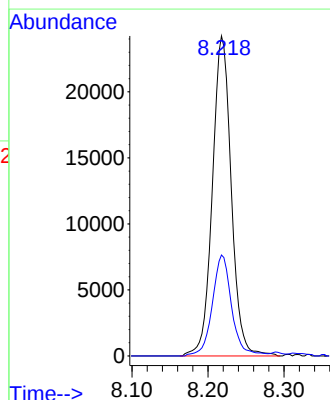
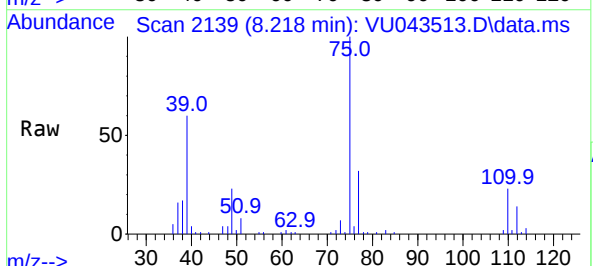
Acq: 04 May 2021 12:14

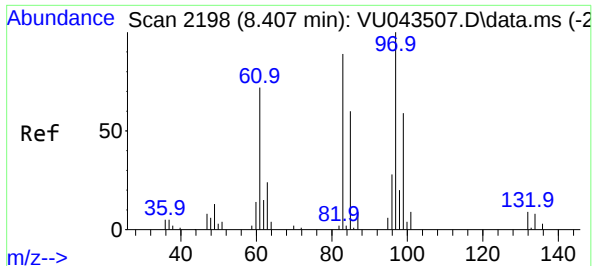
Tgt Ion: 75 Resp: 41859

Ion Ratio Lower Upper

75 100

77 31.6 23.3 43.3





#45

1,1,2-Trichloroethane
Concen: 6.44 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

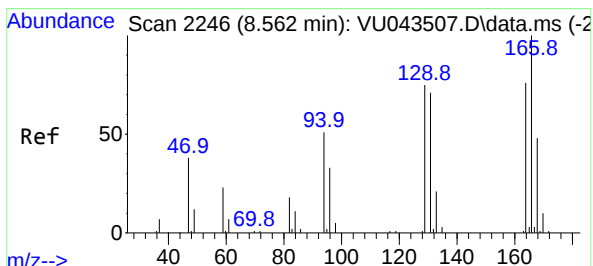
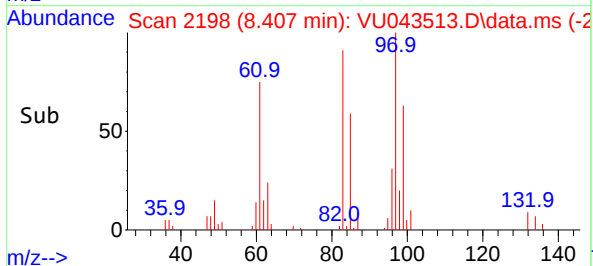
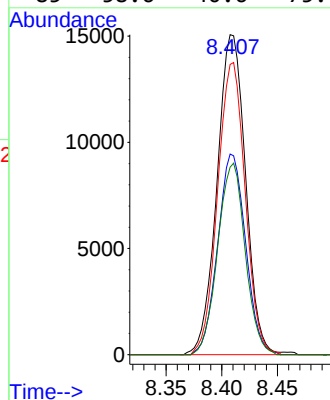
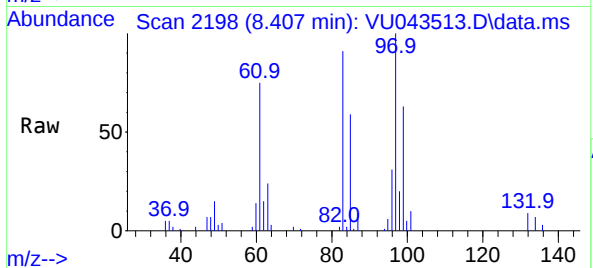
Tgt Ion:	97	Resp:	26833
Ion	Ratio	Lower	Upper
97	100		
99	62.7	42.6	79.0
83	90.7	64.1	119.1
85	58.6	40.6	75.4

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MSD

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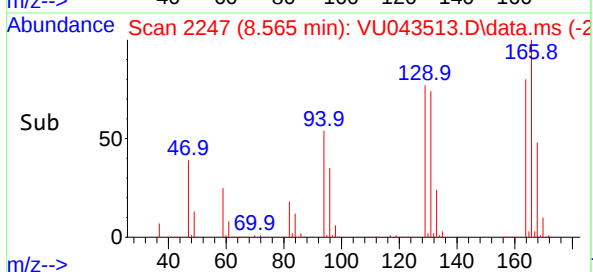
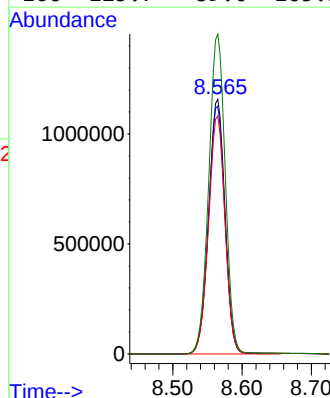
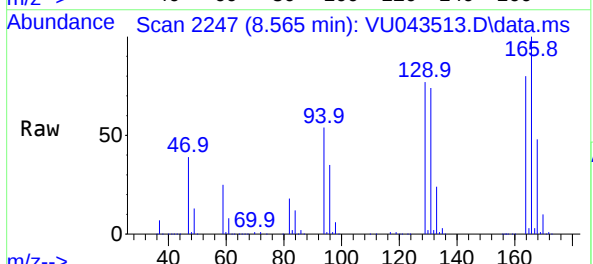
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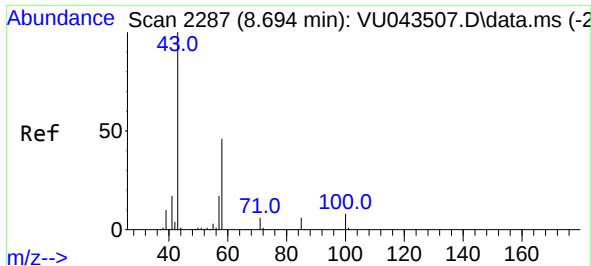


#47

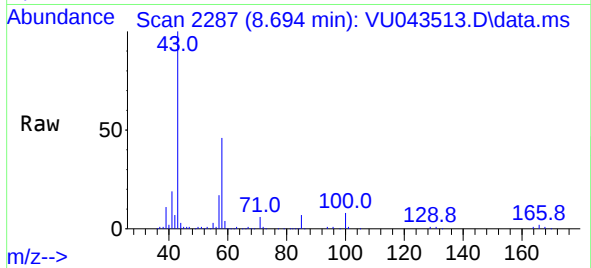
Tetrachloroethene
Concen: 501.85 ug/L
RT: 8.565 min Scan# 2247
Delta R.T. 0.003 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

Tgt Ion:	164	Resp:	1908509
Ion	Ratio	Lower	Upper
164	100		
129	97.3	62.5	116.1
131	93.4	64.9	120.5
166	125.7	89.0	165.2



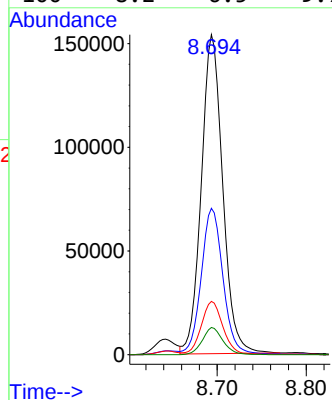


#48
2-Hexanone
Concen: 70.14 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14



Tgt Ion: 43 Resp: 256989

Ion	Ratio	Lower	Upper
43	100		
58	46.5	36.8	55.2
57	16.6	13.2	19.8
100	8.2	6.5	9.7

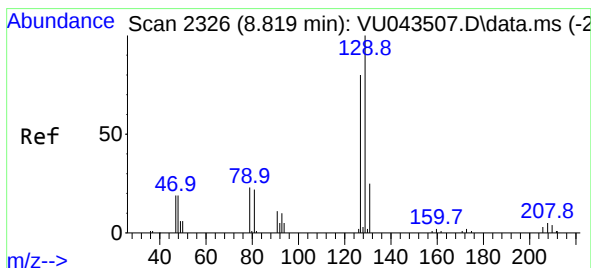


Instrument :
MSVOA_U
ClientSampleId :
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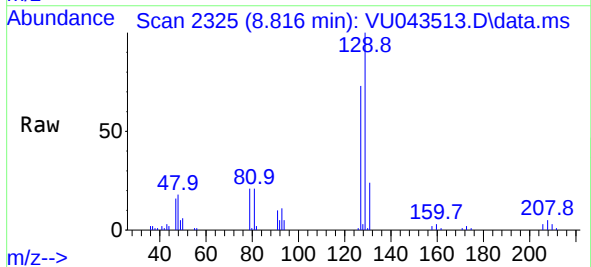
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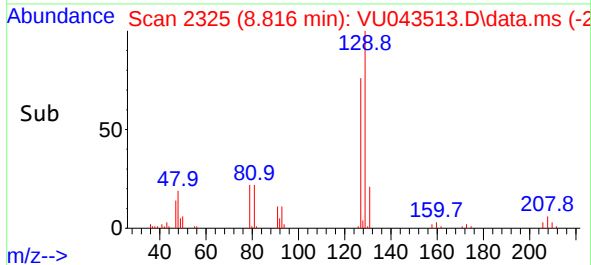
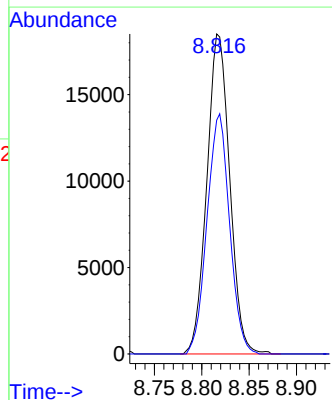


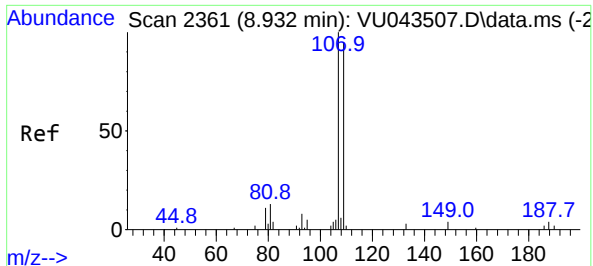
#49
Dibromochloromethane
Concen: 6.19 ug/L m
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14



Tgt Ion: 129 Resp: 31209

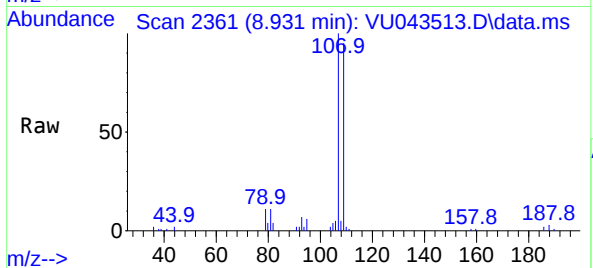
Ion	Ratio	Lower	Upper
129	100		
127	73.1	52.4	97.4





#50
1,2-Dibromoethane
Concen: 6.25 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MSD

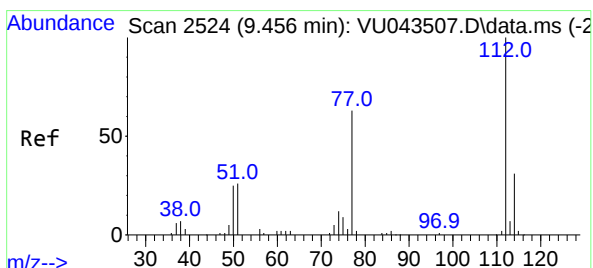
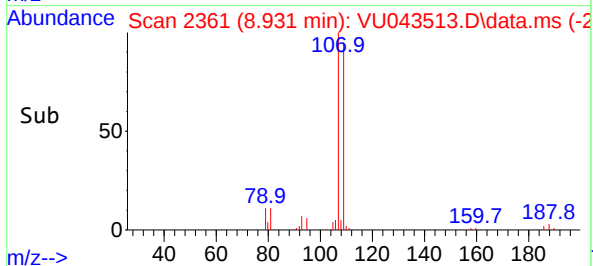
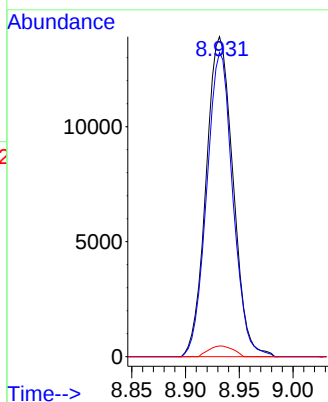


Tgt Ion:107 Resp: 24267
Ion Ratio Lower Upper
107 100
109 95.0 67.6 125.6
188 3.3 2.6 3.8

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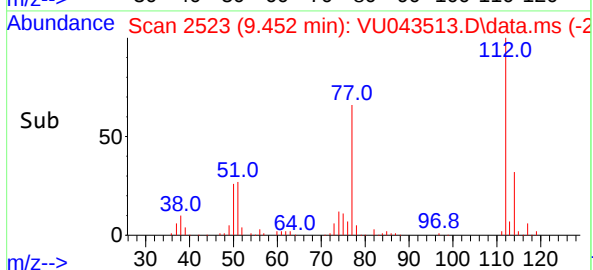
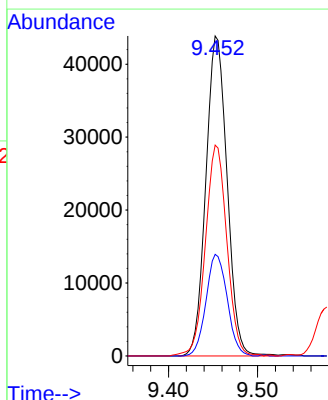
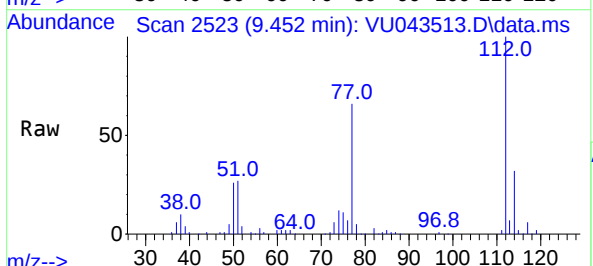
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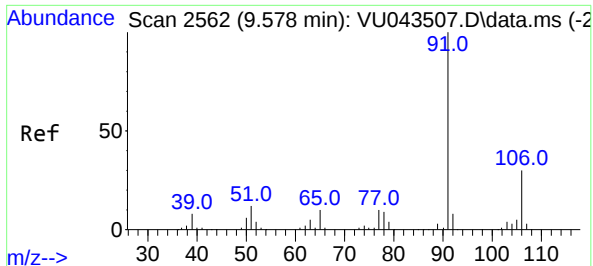
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#51
Chlorobenzene
Concen: 5.39 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

Tgt Ion:112 Resp: 72504
Ion Ratio Lower Upper
112 100
114 31.8 22.0 41.0
77 65.9 51.0 76.4





#52
Ethylbenzene
Concen: 5.27 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

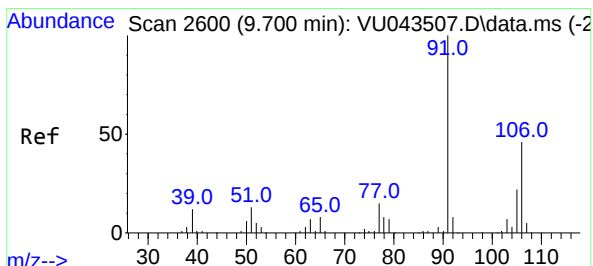
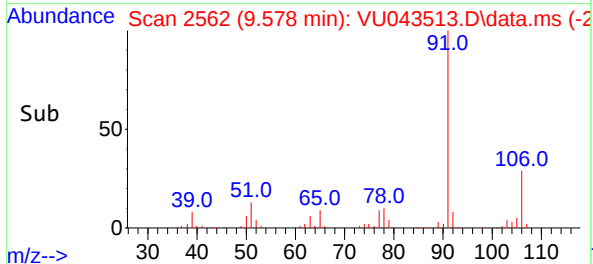
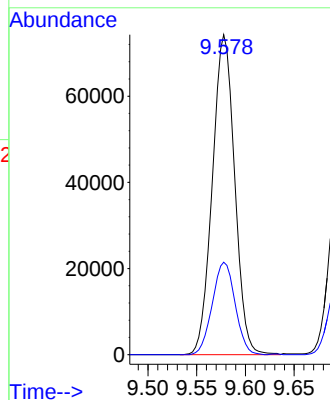
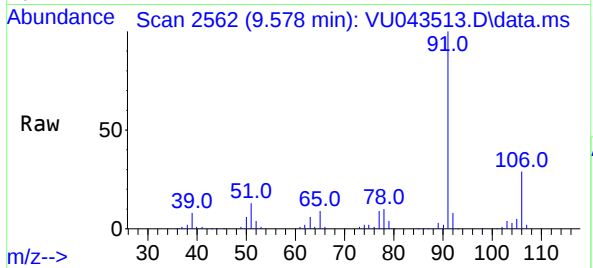
Tgt Ion: 91 Resp: 118203
Ion Ratio Lower Upper
91 100
106 28.9 20.5 38.1

Instrument :
MSVOA_U
ClientSampleId :
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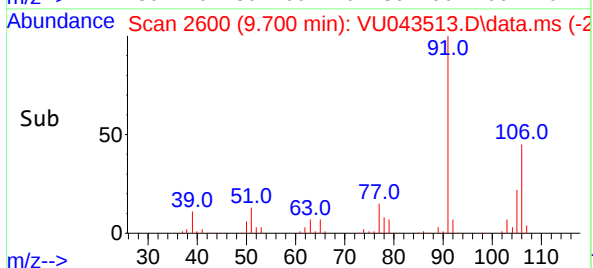
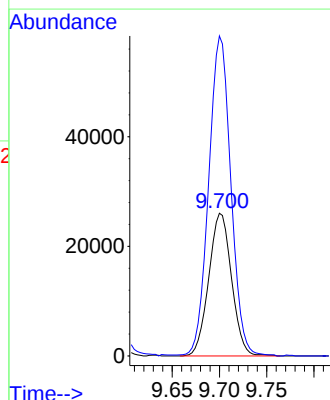
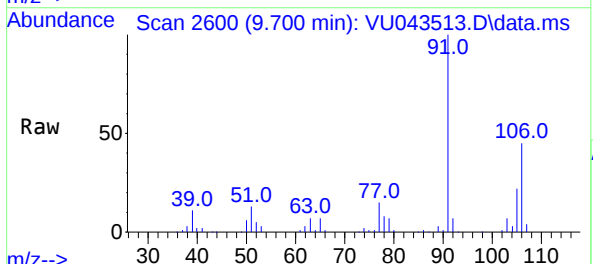
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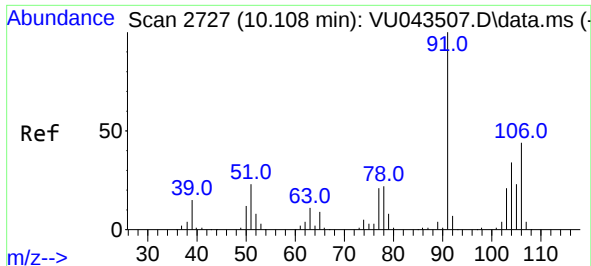
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#53
m,p-Xylene
Concen: 5.36 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

Tgt Ion: 106 Resp: 43698
Ion Ratio Lower Upper
106 100
91 224.3 150.3 279.1





#54
o-Xylene
Concen: 5.43 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

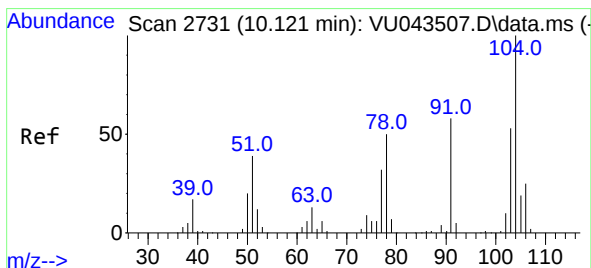
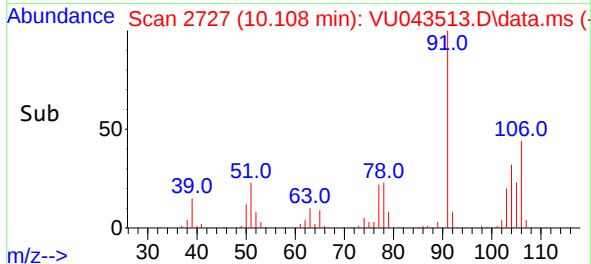
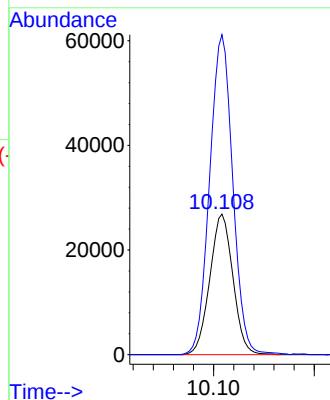
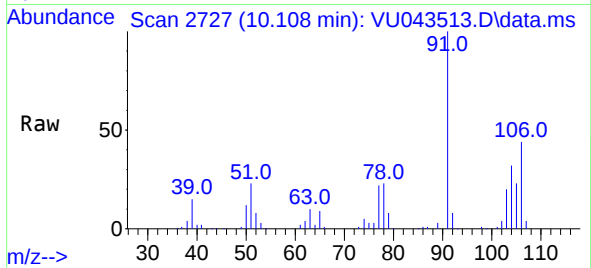
Tgt Ion:106 Resp: 42968
Ion Ratio Lower Upper
106 100
91 227.5 157.3 292.1

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MSD

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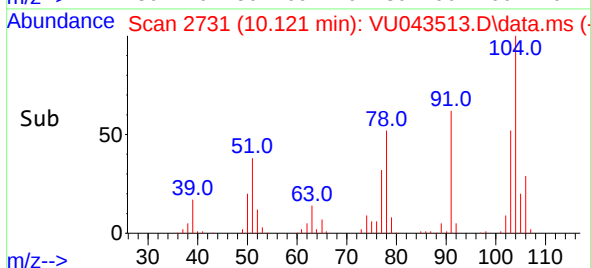
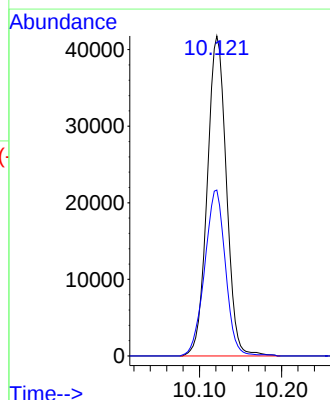
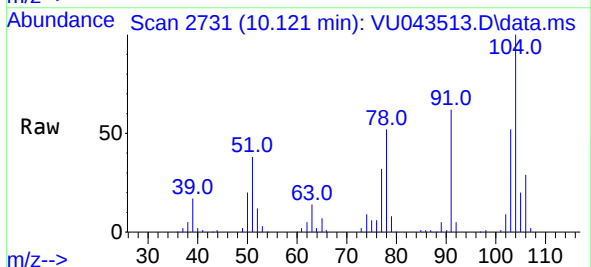
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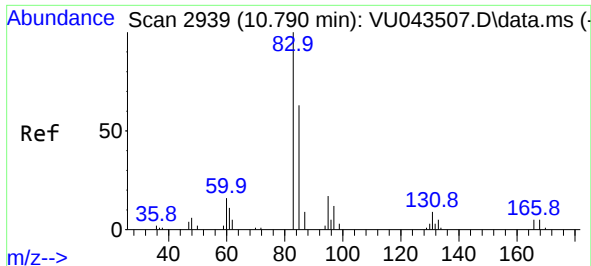
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#55
Styrene
Concen: 4.89 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

Tgt Ion:104 Resp: 67819
Ion Ratio Lower Upper
104 100
78 51.8 35.3 65.5





#57
1,1,2,2-Tetrachloroethane
Concen: 6.40 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

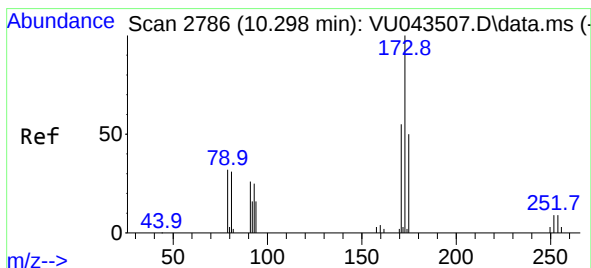
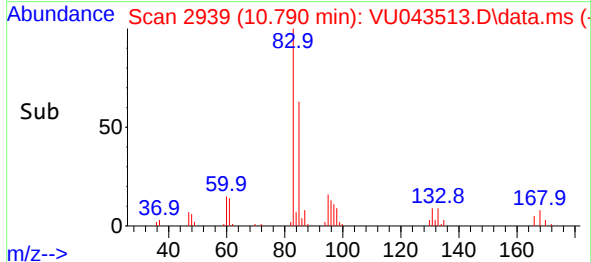
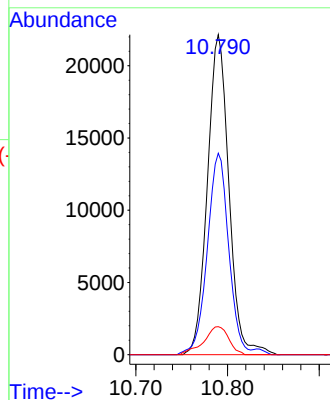
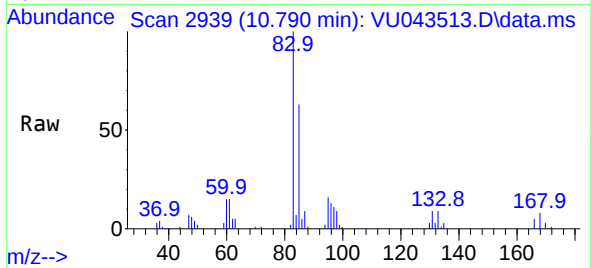
Tgt Ion:	83	Resp:	35999
Ion	Ratio	Lower	Upper
83	100		
85	63.0	42.6	79.0
131	8.8	7.4	11.2

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MSD

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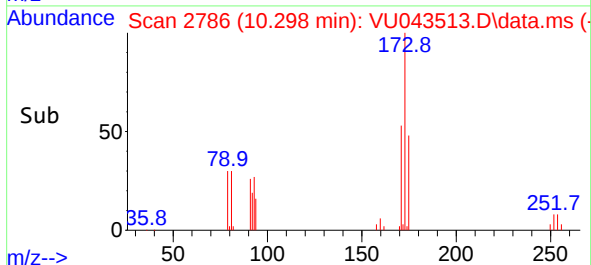
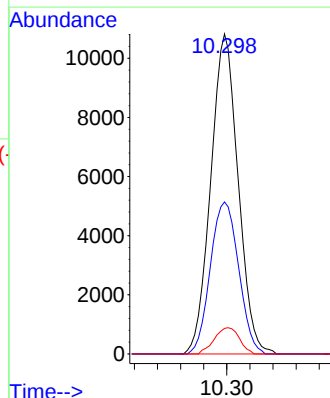
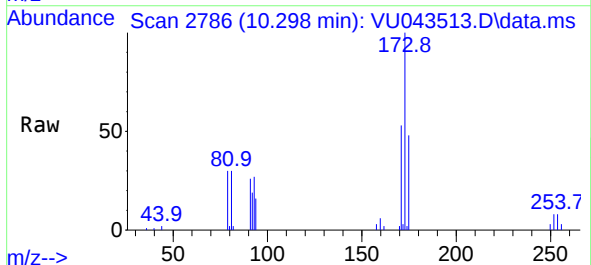
MMDadoda

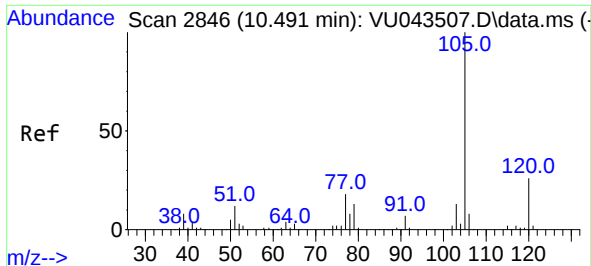
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#59
Bromoform
Concen: 6.67 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043513.D
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Tgt Ion:	173	Resp:	17773
Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.4	59.0
254	7.5	5.9	8.9





#60
Isopropylbenzene
Concen: 5.30 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

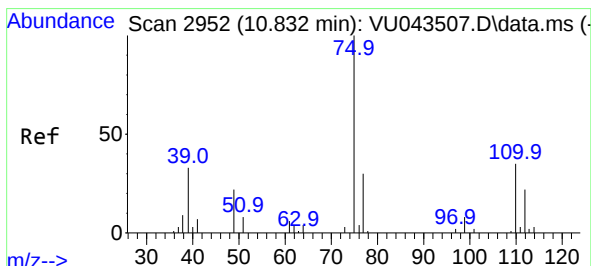
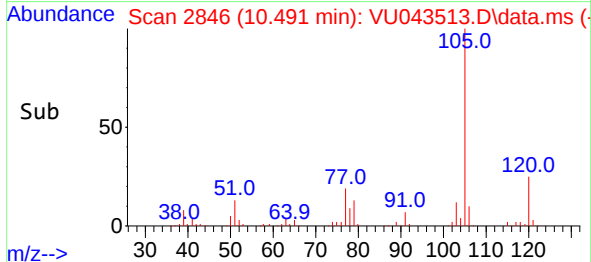
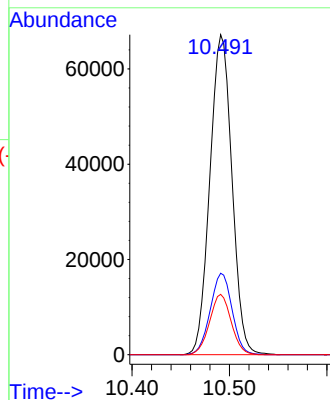
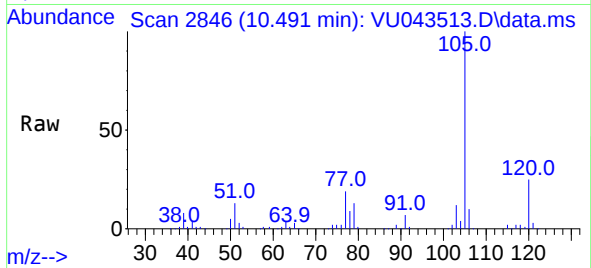
Tgt Ion: 105 Resp: 105764
Ion Ratio Lower Upper
105 100
120 25.2 20.4 30.6
77 18.5 14.6 21.8

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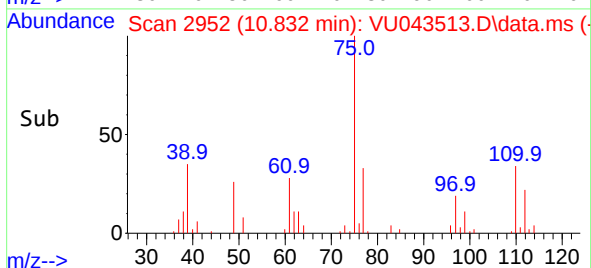
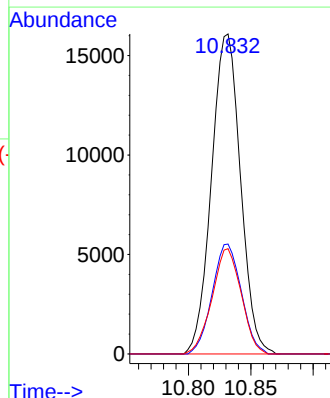
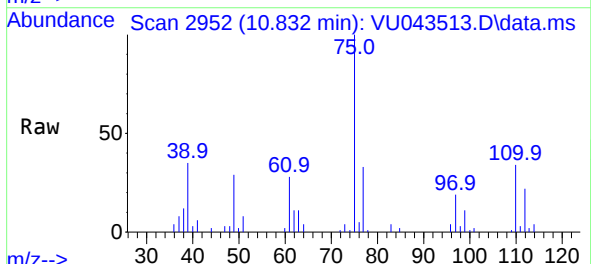
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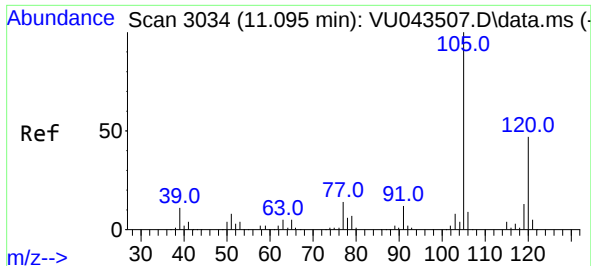
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#61
1,2,3-Trichloropropane
Concen: 7.03 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

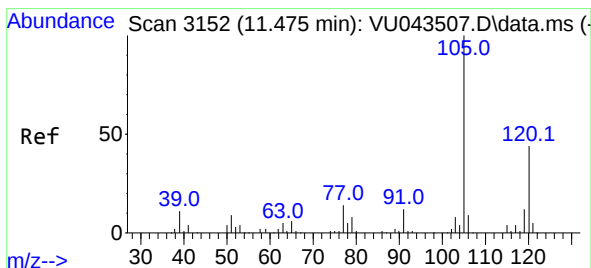
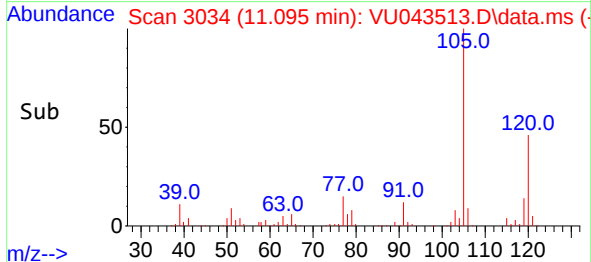
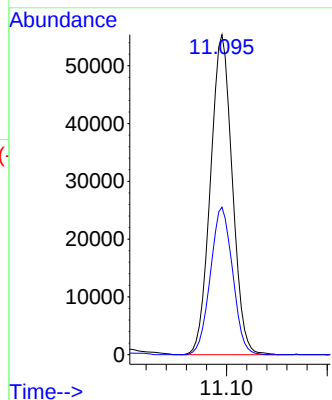
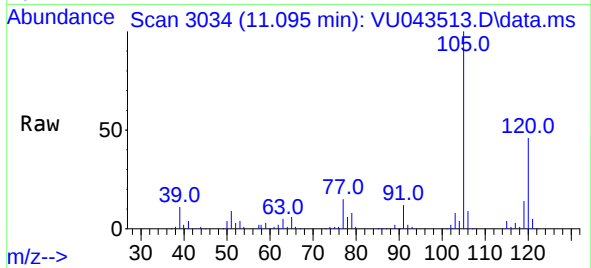
Tgt Ion: 75 Resp: 26053
Ion Ratio Lower Upper
75 100
110 34.5 28.6 42.8
77 33.0 25.7 38.5





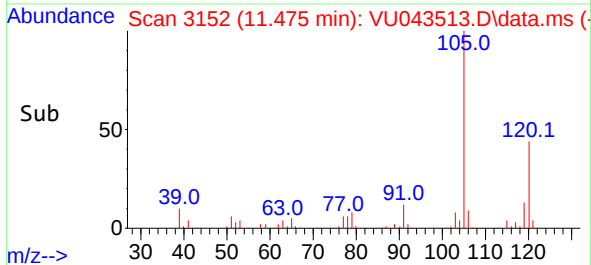
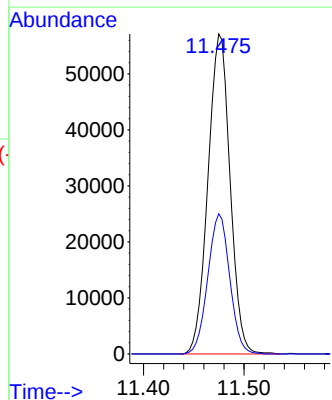
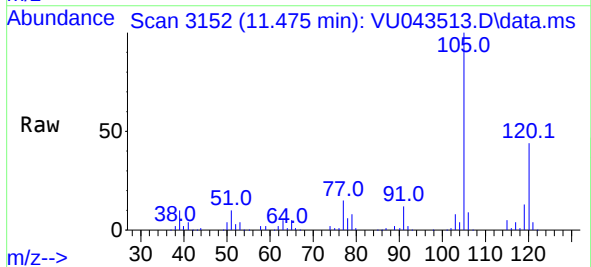
#62
1,3,5-Trimethylbenzene
Concen: 5.32 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

Tgt Ion:105 Resp: 83496
Ion Ratio Lower Upper
105 100
120 46.8 36.6 55.0



#63
1,2,4-Trimethylbenzene
Concen: 5.55 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

Tgt Ion:105 Resp: 87159
Ion Ratio Lower Upper
105 100
120 43.3 35.4 53.0

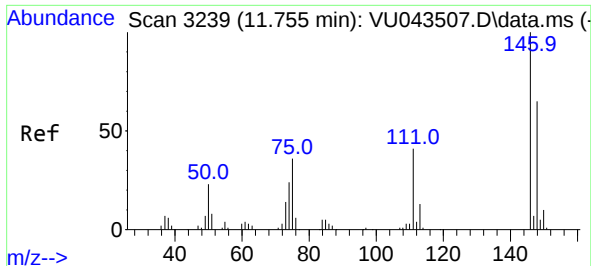


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#64
1,3-Dichlorobenzene
Concen: 5.68 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

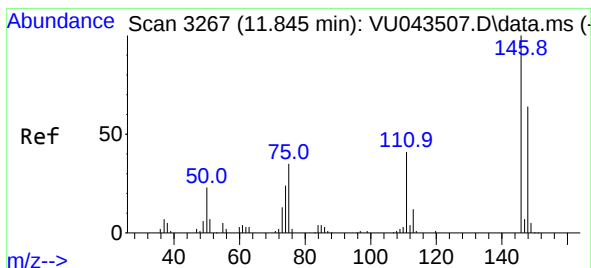
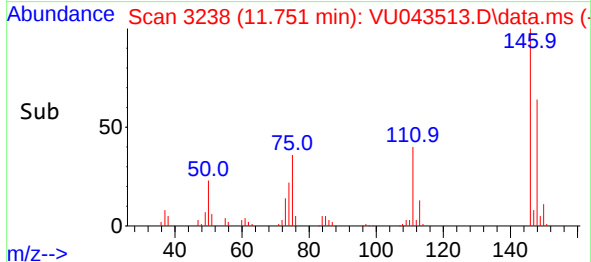
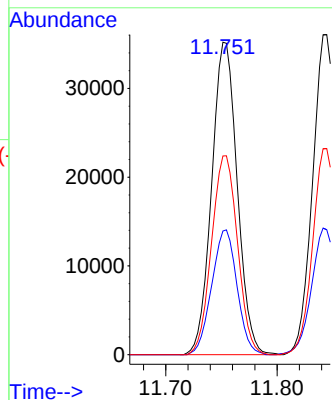
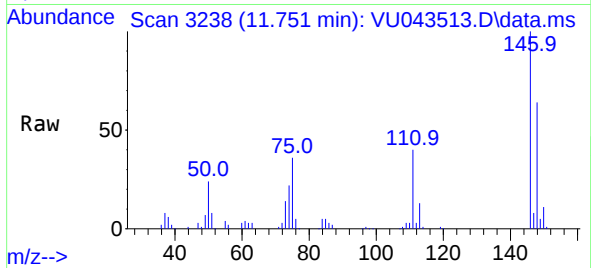
Tgt Ion:146 Resp: 56169
Ion Ratio Lower Upper
146 100
111 39.6 28.9 53.7
148 63.6 45.7 84.9

Instrument :
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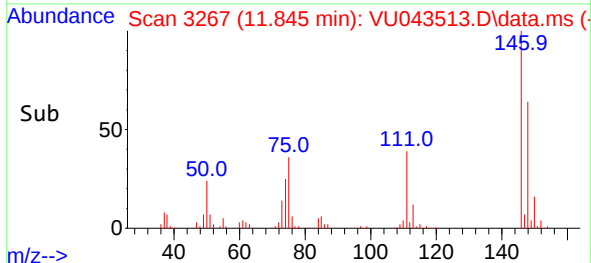
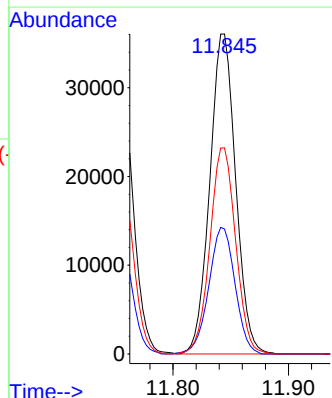
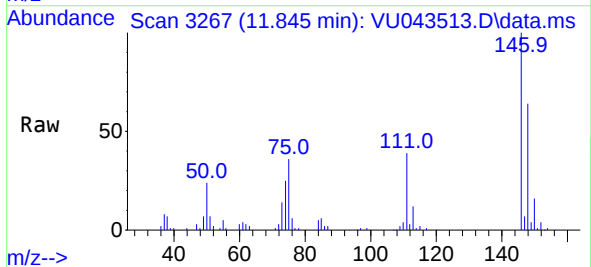
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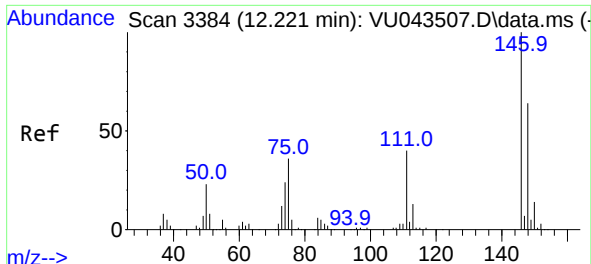
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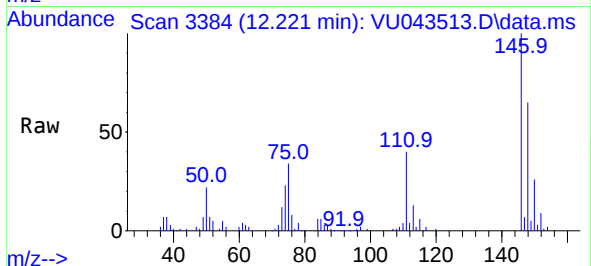
#65
1,4-Dichlorobenzene
Concen: 5.52 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14

Tgt Ion:146 Resp: 56096
Ion Ratio Lower Upper
146 100
111 39.1 27.6 51.2
148 64.4 44.6 82.8

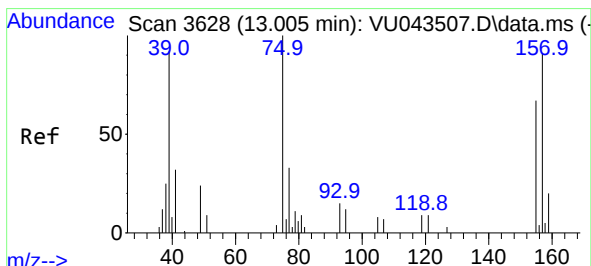
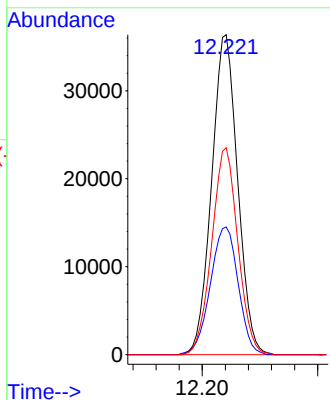
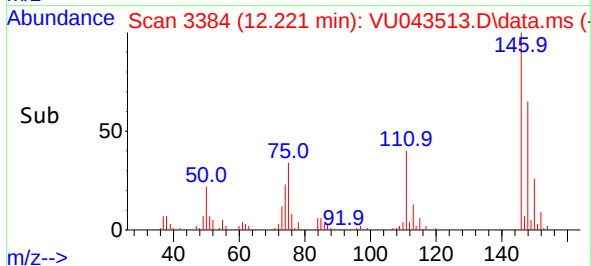




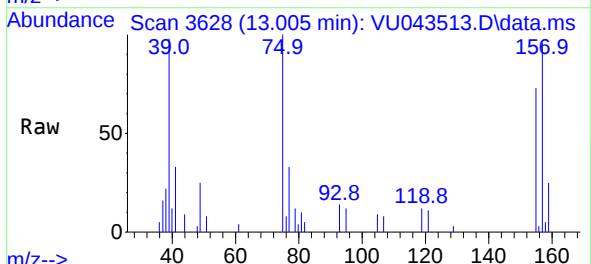
#67
1,2-Dichlorobenzene
Concen: 5.72 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14



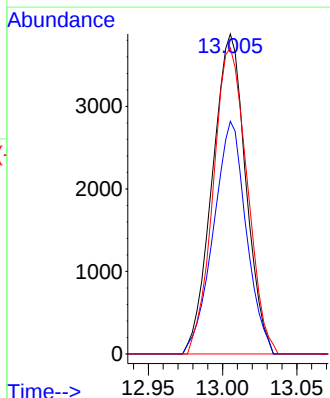
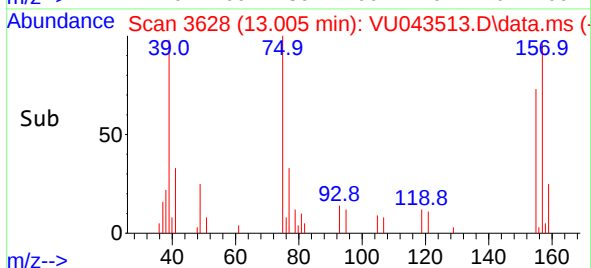
Tgt Ion:146 Resp: 56960
Ion Ratio Lower Upper
146 100
111 39.9 32.6 49.0
148 64.6 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 6.86 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU043513.D
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Tgt Ion: 75 Resp: 6060
Ion Ratio Lower Upper
75 100
155 72.7 57.8 86.6
157 95.7 68.5 102.7

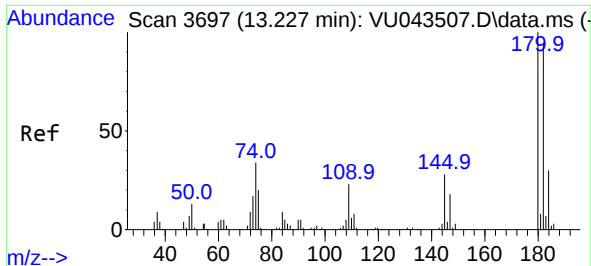


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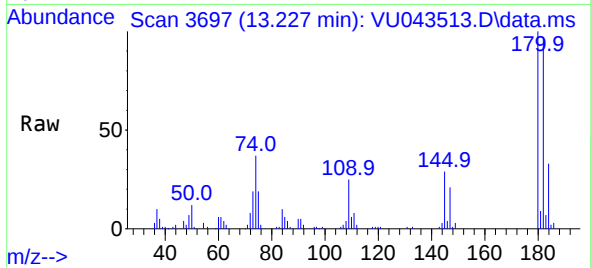
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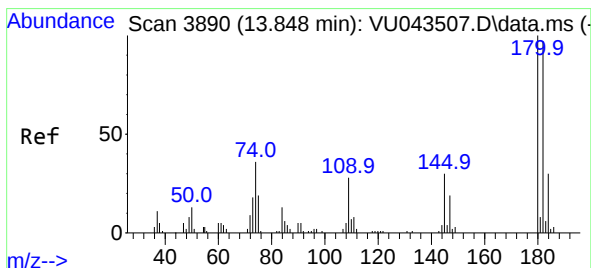
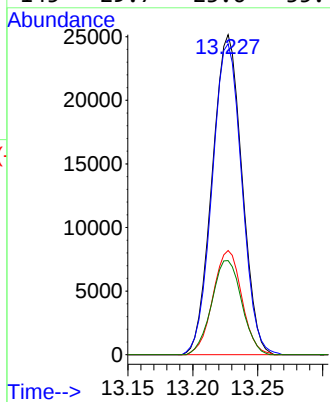
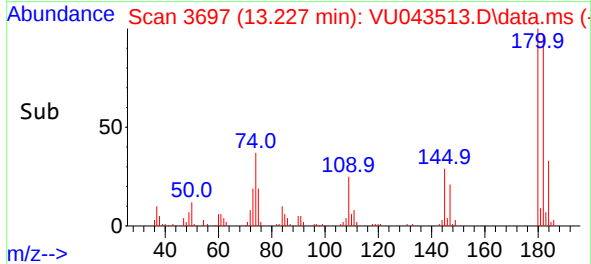
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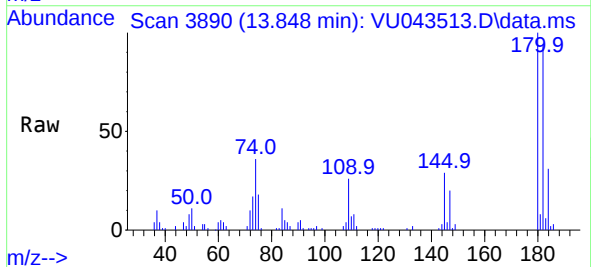
#69
 1,3,5-Trichlorobenzene
 Concen: 5.11 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. -0.000 min
 Lab File: VU043513.D
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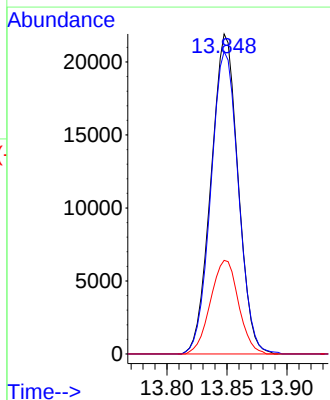
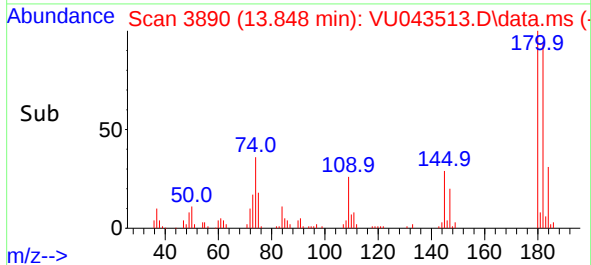
Tgt Ion:	180	Resp:	39996
Ion Ratio	Lower	Upper	
180	100		
182	96.9	76.0	114.0
184	31.6	24.1	36.1
145	29.7	23.6	35.4



#70
 1,2,4-trichlorobenzene
 Concen: 5.31 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. -0.000 min
 Lab File: VU043513.D
 Acq: 04 May 2021 12:14



Tgt Ion:	180	Resp:	34271
Ion Ratio	Lower	Upper	
180	100		
182	96.4	75.9	113.9
145	30.4	24.6	37.0

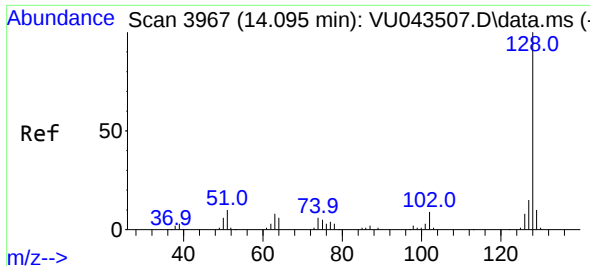


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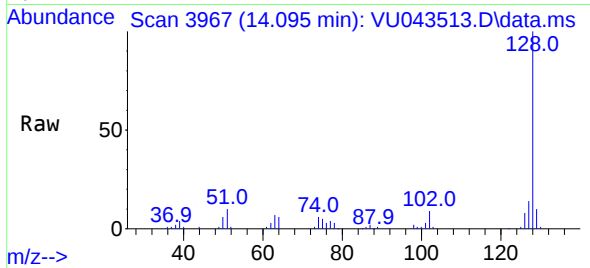
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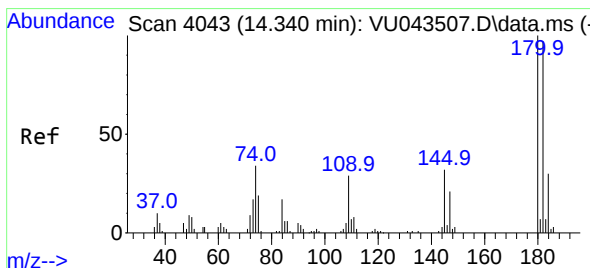
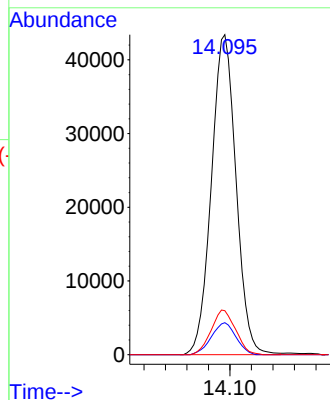
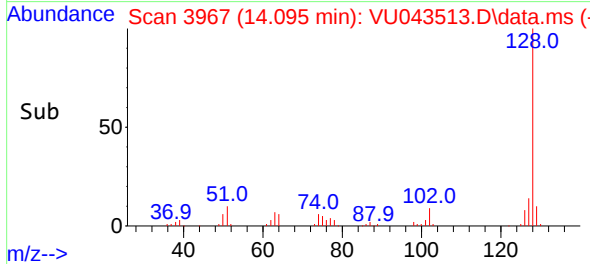
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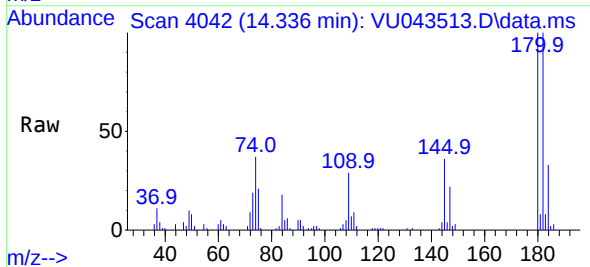
#71
Naphthalene
Concen: 6.21 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14



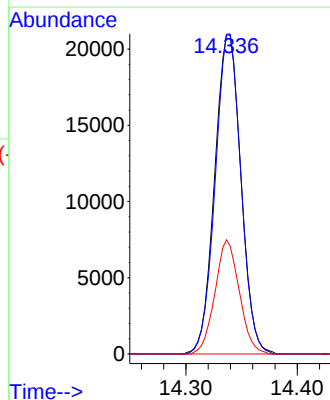
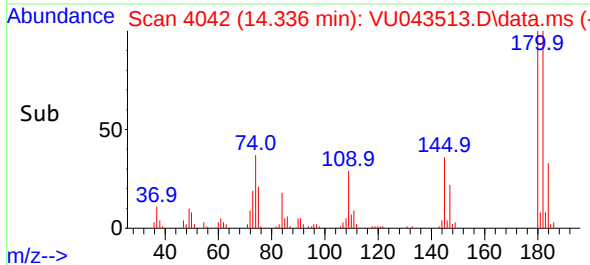
Tgt Ion:128 Resp: 69125
Ion Ratio Lower Upper
128 100
129 10.0 8.9 13.3
127 13.8 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.66 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU043513.D
Acq: 04 May 2021 12:14



Tgt Ion:180 Resp: 34289
Ion Ratio Lower Upper
180 100
182 97.7 75.7 113.5
145 33.1 25.7 38.5



Instrument :
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ClientSampleId :
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