

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043853.D
 Acq On : 20 May 2021 09:48
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005150

Quant Time: May 21 01:11:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 20 03:54:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	225884	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	229643	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	130244	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	71232	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.919	69	53410	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.572	65	32055	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.80%
20) 2-Butanone-d5	4.645	46	165720	52.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.66%
24) Chloroform-d	5.073	84	132842	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.713	65	68048	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.735	84	277335	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.700	67	87259	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.906	98	260144	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloroprop...	8.189	79	32522	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.645	63	146278	47.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.14%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	74345	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	99317	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	90966	5.53	ug/L	99
3) Chloromethane	1.523	50	97210	5.03	ug/L	99
5) Vinyl chloride	1.607	62	102905	5.37	ug/L	99
6) Bromomethane	1.861	94	57121	5.05	ug/L	99
8) Chloroethane	1.938	64	57242	5.31	ug/L	100
9) Trichlorofluoromethane	2.144	101	125608	5.65	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	87849	5.80	ug/L	99
12) 1,1-Dichloroethene	2.588	96	86733	5.82	ug/L	87
13) Acetone	2.655	43	123918	61.63	ug/L	96
14) Carbon disulfide	2.800	76	271926	5.45	ug/L	99
15) Methyl Acetate	2.964	43	29282	4.89	ug/L	95
16) Methylene chloride	3.054	84	99551	4.50	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	175382	5.20	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	85941	5.49	ug/L	97
19) 1,1-Dichloroethane	3.880	63	155944	5.51	ug/L	99
21) 2-Butanone	4.726	43	234886	61.10	ug/L	98
22) cis-1,2-Dichloroethene	4.678	96	90701	5.51	ug/L	97
23) Bromochloromethane	4.983	128	45714	5.90	ug/L	95
25) Chloroform	5.099	83	167700	5.99	ug/L	98

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 ALS Vial : 31 Sample Multiplier: 1

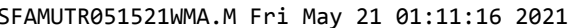
Instrument :
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 ClientSampleId :
 VSTD005150

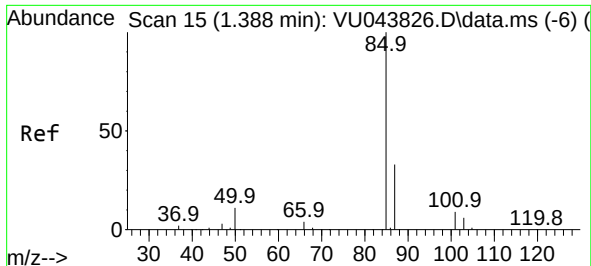
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	94961	5.50	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	133806	5.59	ug/L	98
30) Cyclohexane	5.401	56	128653	4.84	ug/L	97
31) Carbon tetrachloride	5.533	117	111794	5.59	ug/L	99
33) Benzene	5.784	78	361881	5.45	ug/L	100
34) Trichloroethene	6.552	95	92237	5.41	ug/L	97
35) Methylcyclohexane	6.774	83	136209	5.14	ug/L	98
37) 1,2-Dichloropropane	6.800	63	93944	5.41	ug/L	100
38) Bromodichloromethane	7.115	83	111108	5.48	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	119373	5.17	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	544040	49.10	ug/L	97
42) Toluene	7.976	91	391994	5.62	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	105338	5.29	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	67821	5.43	ug/L	98
47) Tetrachloroethene	8.562	164	78329	5.69	ug/L	98
48) 2-Hexanone	8.697	43	417550	50.80	ug/L	99
49) Dibromochloromethane	8.819	129	79096	5.68	ug/L	98
50) 1,2-Dibromoethane	8.931	107	64767	5.51	ug/L	99
51) Chlorobenzene	9.456	112	238699	5.48	ug/L	99
52) Ethylbenzene	9.578	91	383156	5.37	ug/L	99
53) m,p-Xylene	9.703	106	151727	5.59	ug/L	97
54) o-Xylene	10.108	106	144617	5.58	ug/L	99
55) Styrene	10.121	104	255910	5.85	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	85856	5.42	ug/L	98
59) Bromoform	10.298	173	47140	5.38	ug/L	100
60) Isopropylbenzene	10.491	105	376430	5.26	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	60775	4.89	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	290300	5.05	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	302871	5.14	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	203261	5.52	ug/L	98
65) 1,4-Dichlorobenzene	11.844	146	200820	5.43	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	190091	5.37	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	12440	4.88	ug/L	91
69) 1,3,5-Trichlorobenzene	13.227	180	154287	5.25	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	121283	5.01	ug/L	99
71) Naphthalene	14.095	128	182646	4.28	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	116238	5.06	ug/L	99

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

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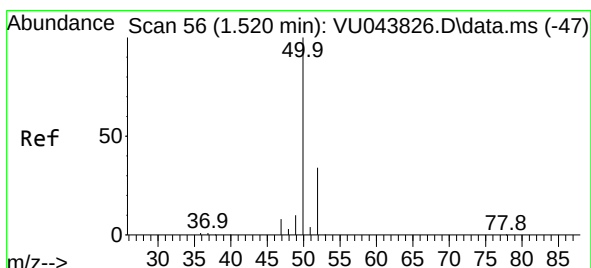
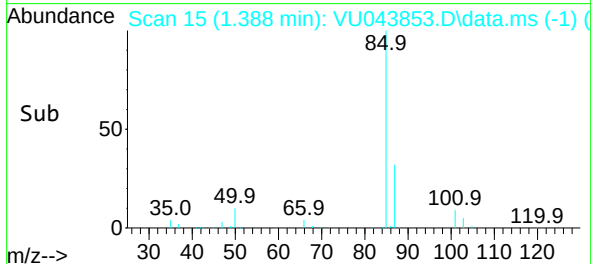
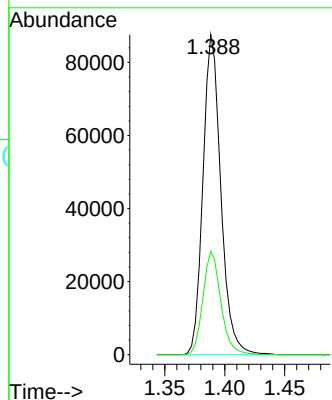
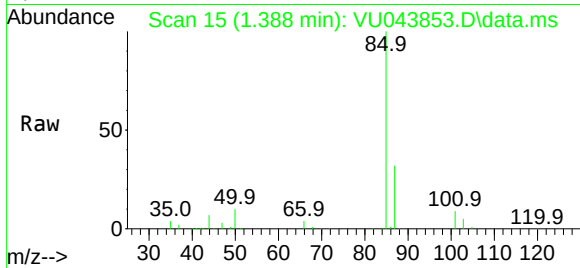




#2
Dichlorodifluoromethane
Concen: 5.53 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

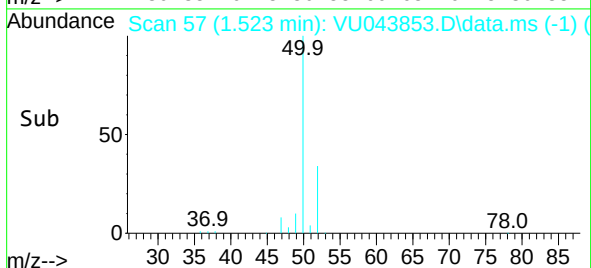
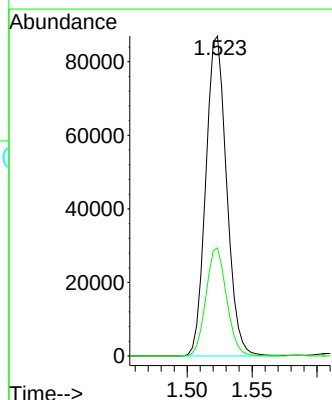
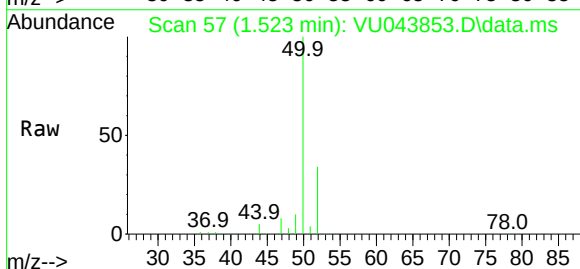
Instrument :
MSVOA_U
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VSTD005150

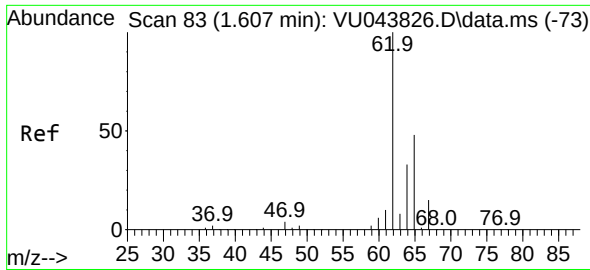
Tgt Ion: 85 Resp: 90966
Ion Ratio Lower Upper
85 100
87 32.3 25.5 38.3



#3
Chloromethane
Concen: 5.03 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion: 50 Resp: 97210
Ion Ratio Lower Upper
50 100
52 33.7 23.2 43.2

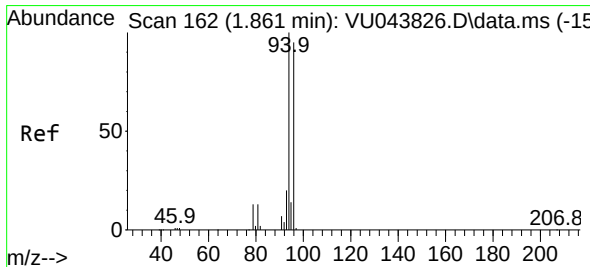
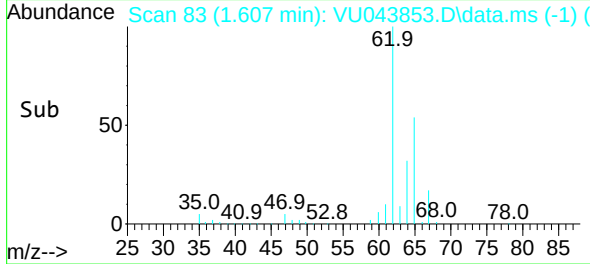
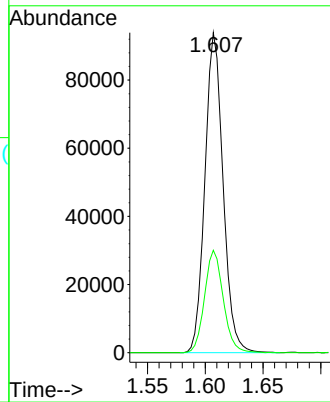
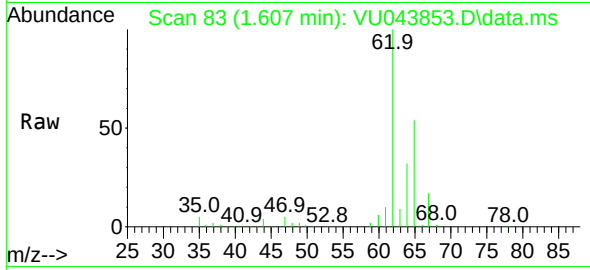




#5
 Vinyl chloride
 Concen: 5.37 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043853.D
 Acq: 20 May 2021 09:48

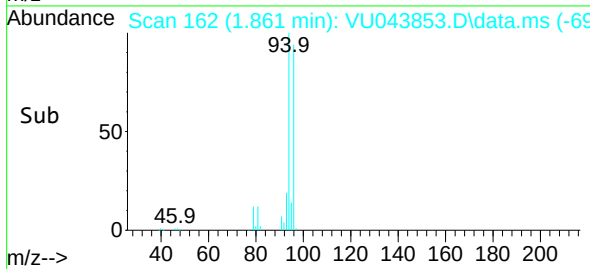
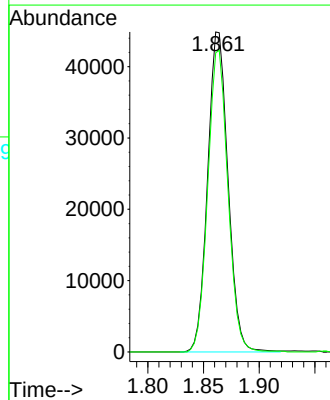
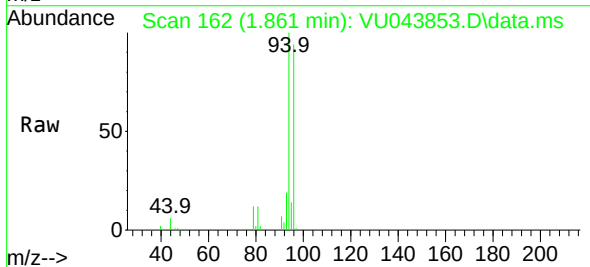
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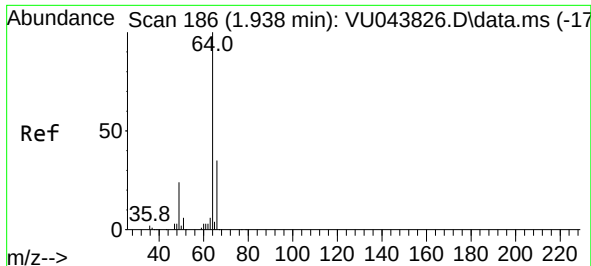
Tgt Ion: 62 Resp: 102905
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.1 41.1



#6
 Bromomethane
 Concen: 5.05 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU043853.D
 Acq: 20 May 2021 09:48

Tgt Ion: 94 Resp: 57121
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.0 120.8

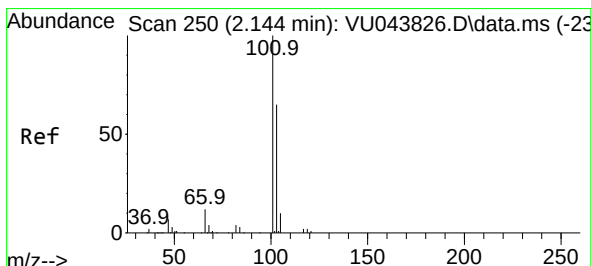
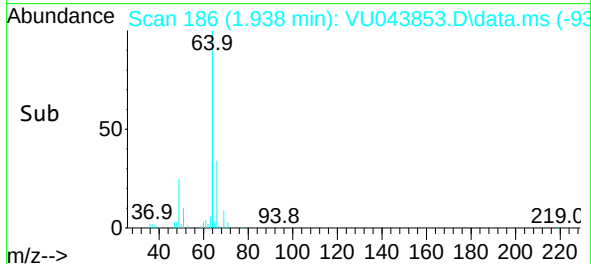
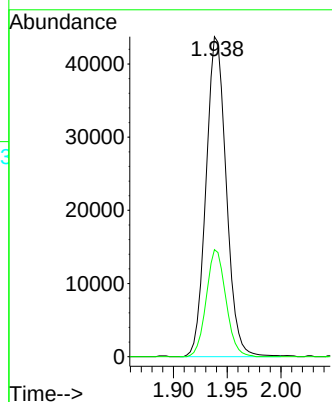
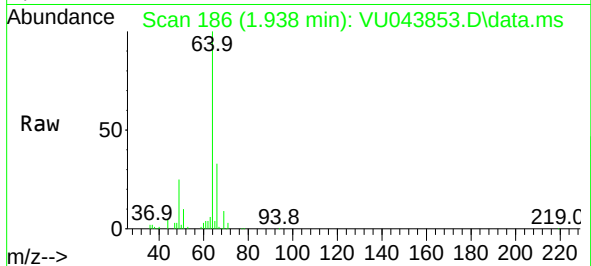




#8
Chloroethane
Concen: 5.31 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

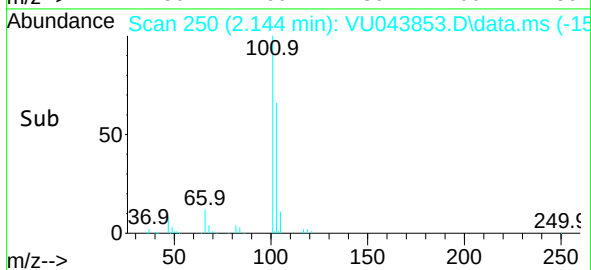
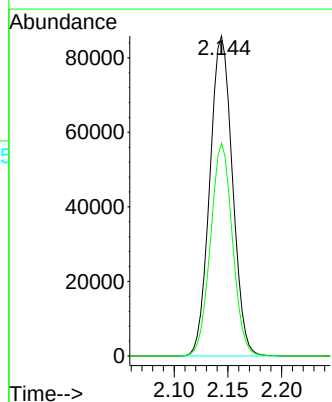
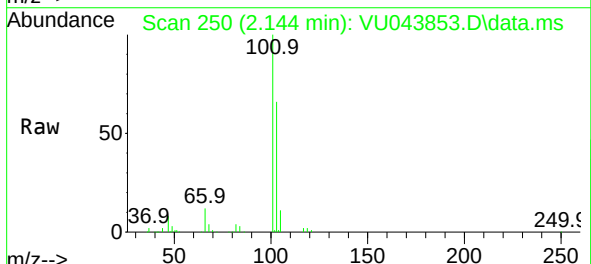
Instrument :
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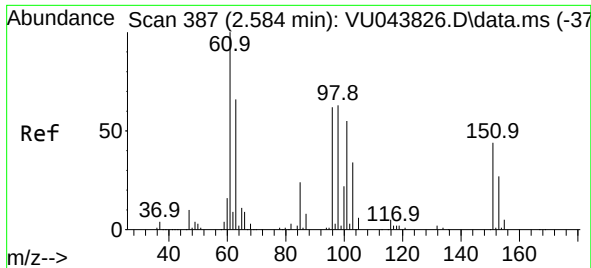
Tgt Ion: 64 Resp: 57242
Ion Ratio Lower Upper
64 100
66 33.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 5.65 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion:101 Resp: 125608
Ion Ratio Lower Upper
101 100
103 64.5 52.1 78.1

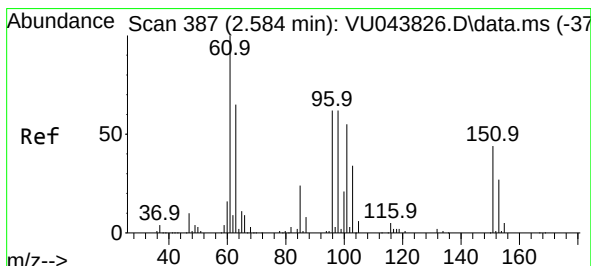
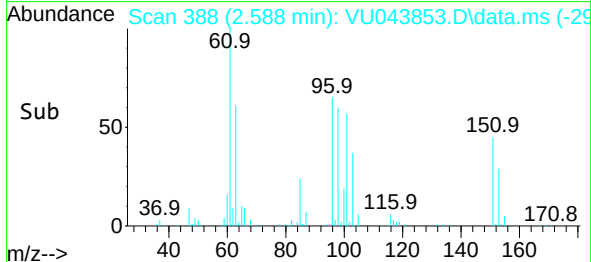
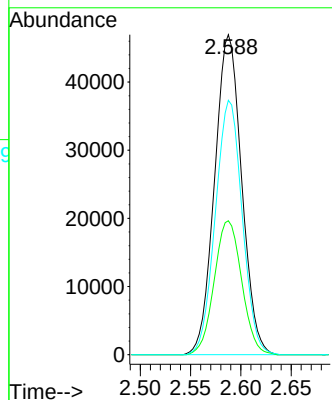
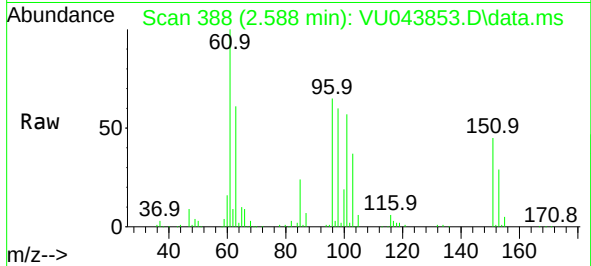




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.80 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

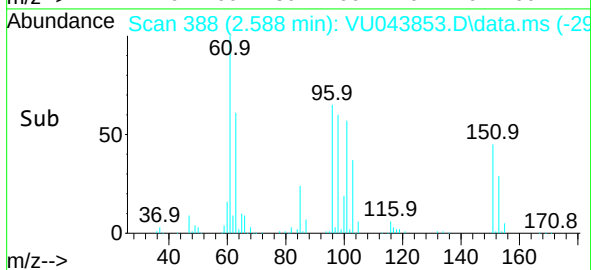
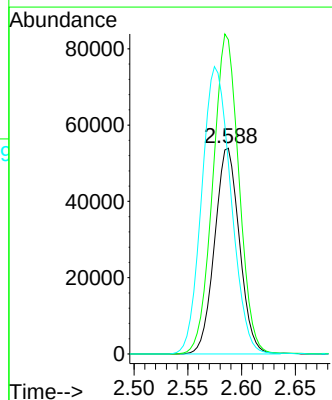
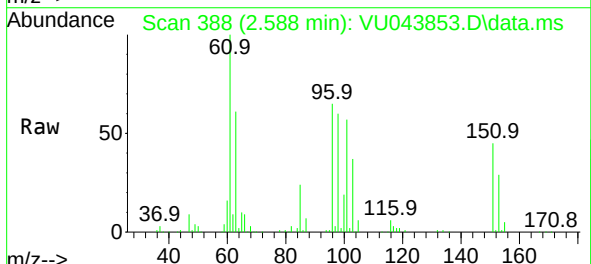
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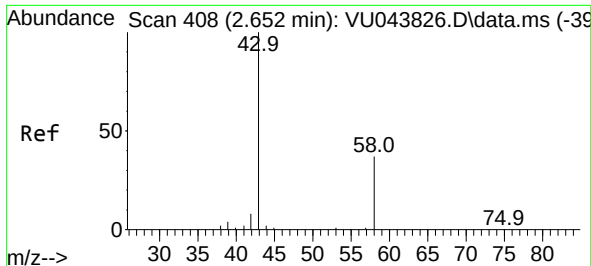
Tgt Ion:101 Resp: 87849
Ion Ratio Lower Upper
101 100
85 42.5 34.3 51.5
151 79.0 62.7 94.1



#12
1,1-Dichloroethene
Concen: 5.82 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion: 96 Resp: 86733
Ion Ratio Lower Upper
96 100
61 152.8 117.5 218.1
63 92.9 77.3 143.7

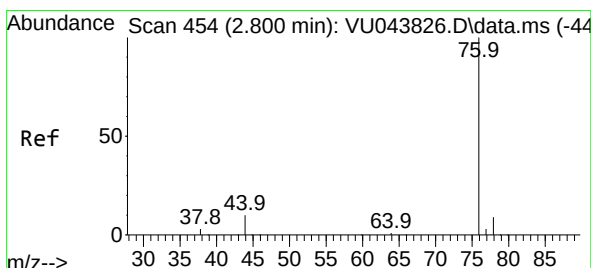
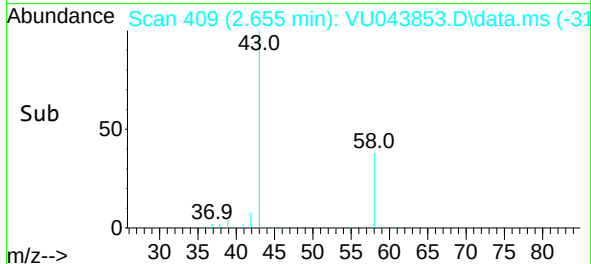
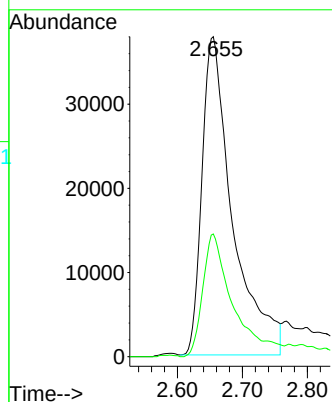
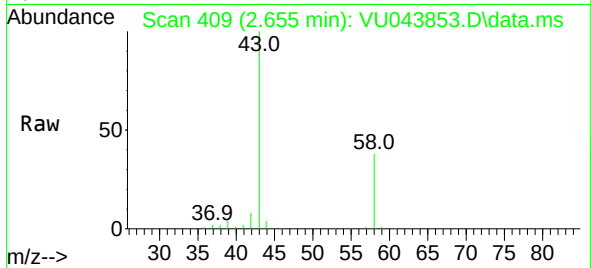




#13
Acetone
Concen: 61.63 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.003 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

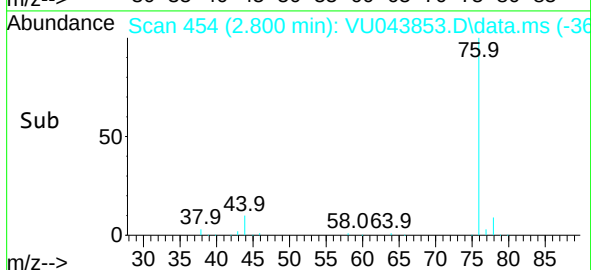
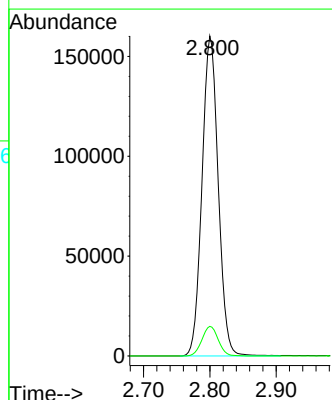
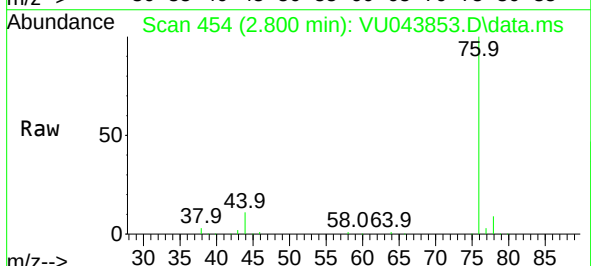
Instrument :
MSVOA_U
ClientSampleId :
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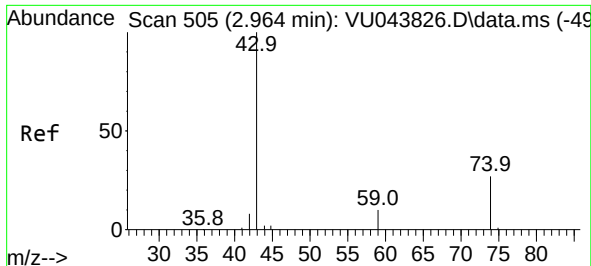
Tgt Ion: 43 Resp: 123918
Ion Ratio Lower Upper
43 100
58 38.4 0.0 71.6



#14
Carbon disulfide
Concen: 5.45 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion: 76 Resp: 271926
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

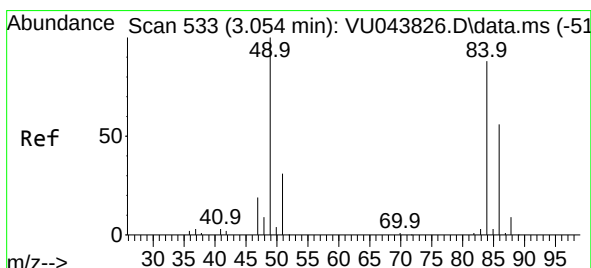
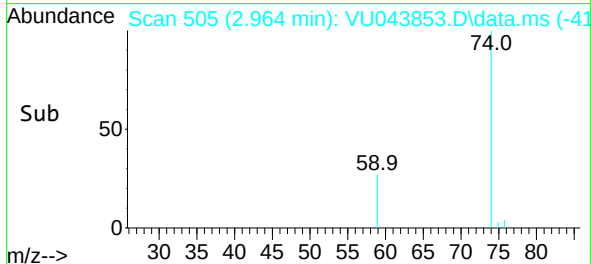
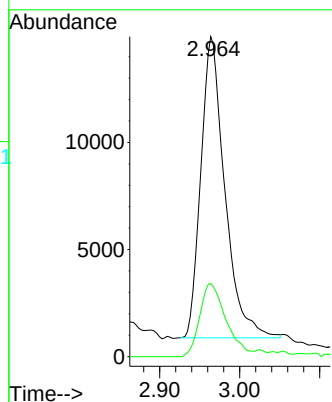
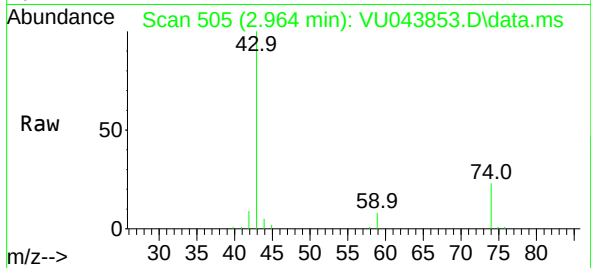




#15
Methyl Acetate
Concen: 4.89 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

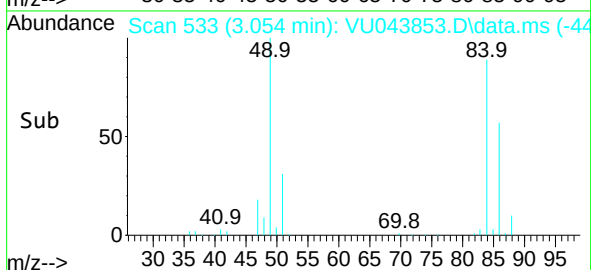
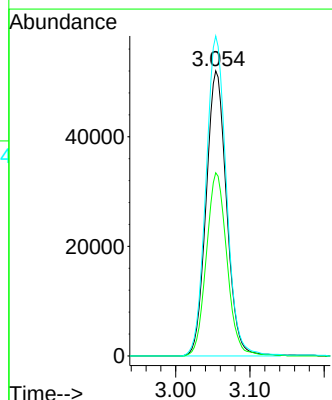
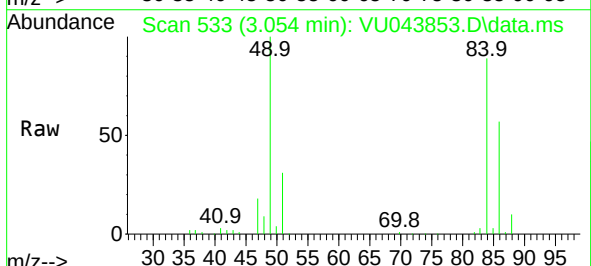
Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

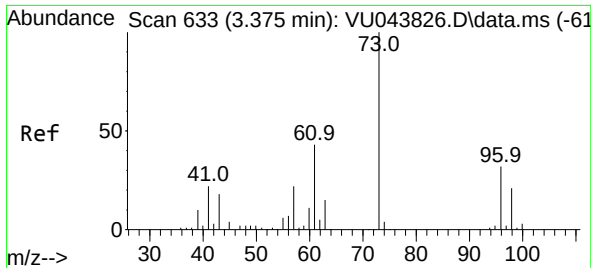
Tgt Ion: 43 Resp: 29282
Ion Ratio Lower Upper
43 100
74 26.8 19.3 28.9



#16
Methylene chloride
Concen: 4.50 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion: 84 Resp: 99551
Ion Ratio Lower Upper
84 100
86 64.2 44.7 82.9
49 112.2 83.1 154.3

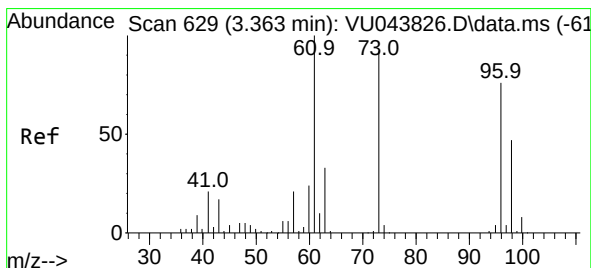
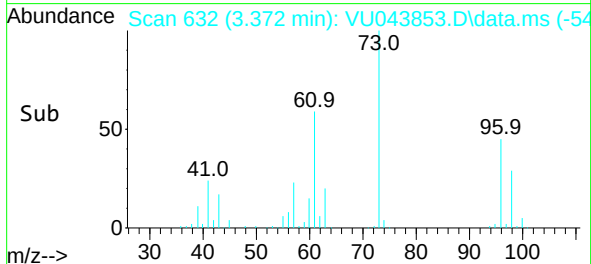
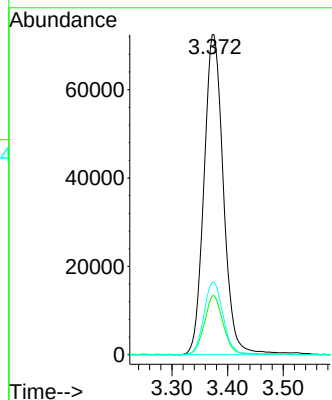
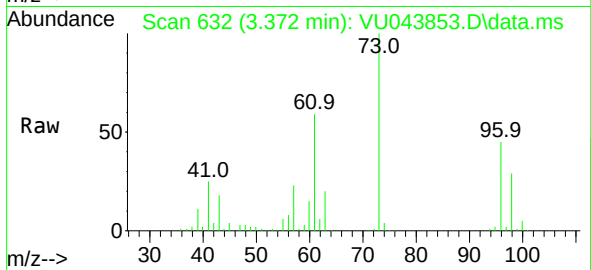




#17
Methyl tert-butyl Ether
Concen: 5.20 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

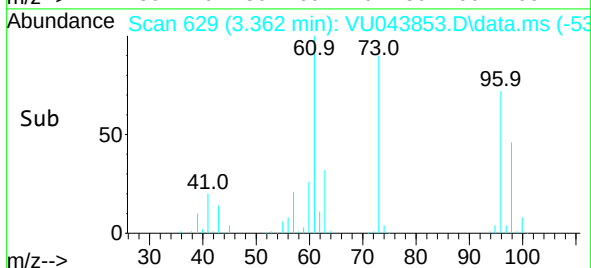
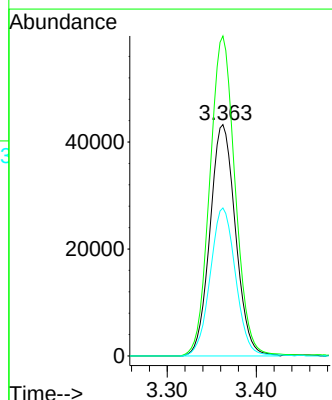
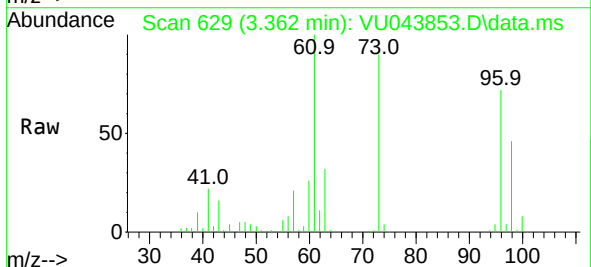
Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

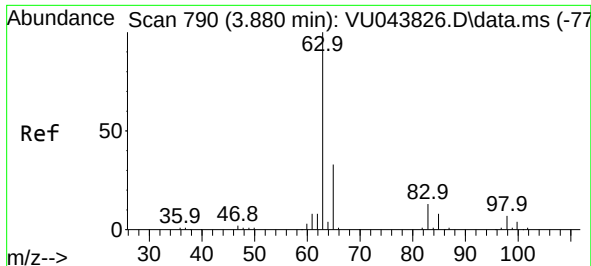
Tgt Ion: 73 Resp: 175382
Ion Ratio Lower Upper
73 100
43 18.0 15.0 22.4
57 22.4 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 5.49 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion: 96 Resp: 85941
Ion Ratio Lower Upper
96 100
61 138.3 99.6 185.0
98 64.0 43.8 81.4





#19

1,1-Dichloroethane

Concen: 5.51 ug/L

RT: 3.880 min Scan# 790

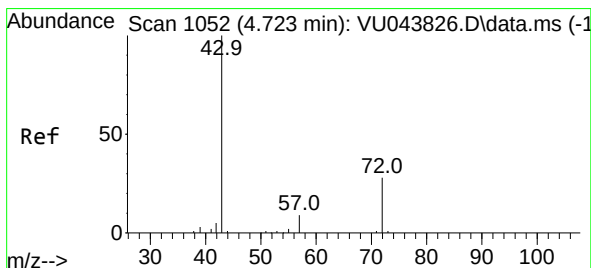
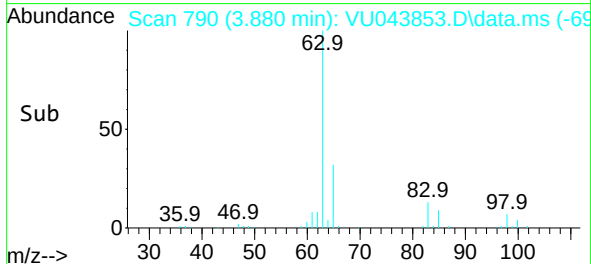
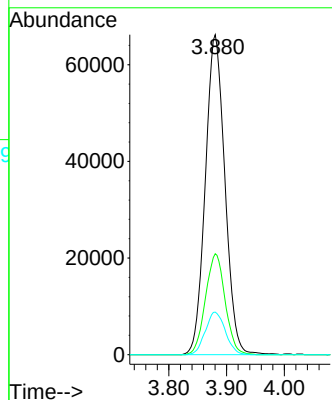
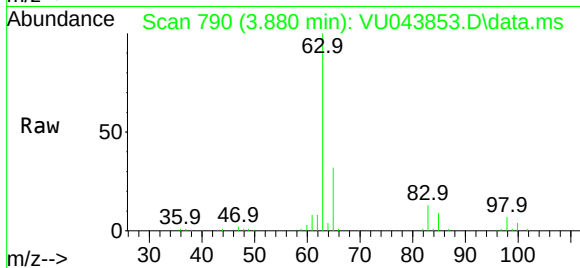
Delta R.T. -0.000 min

Lab File: VU043853.D

Acq: 20 May 2021 09:48

Tgt Ion: 63 Resp: 155944

Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.3	41.3
83	13.3	9.0	16.8



#21

2-Butanone

Concen: 61.10 ug/L

RT: 4.726 min Scan# 1053

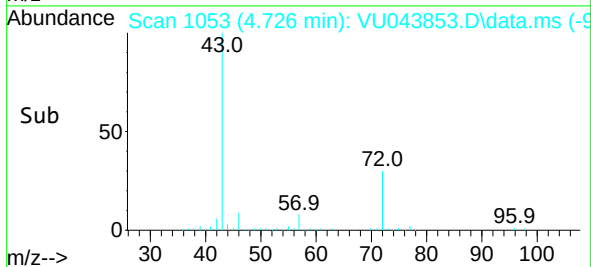
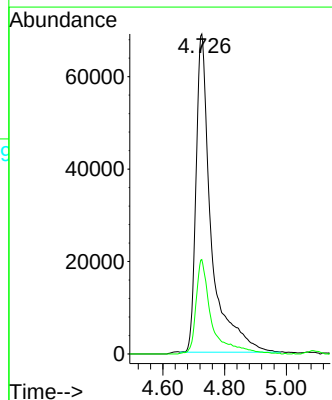
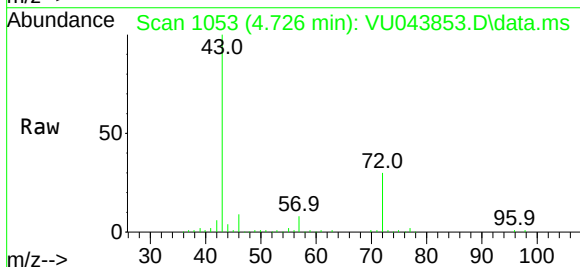
Delta R.T. 0.003 min

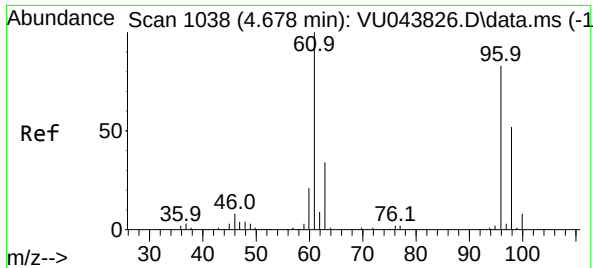
Lab File: VU043853.D

Acq: 20 May 2021 09:48

Tgt Ion: 43 Resp: 234886

Ion	Ratio	Lower	Upper
43	100		
72	30.4	14.5	43.6



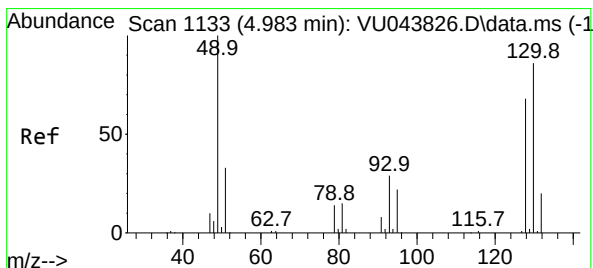
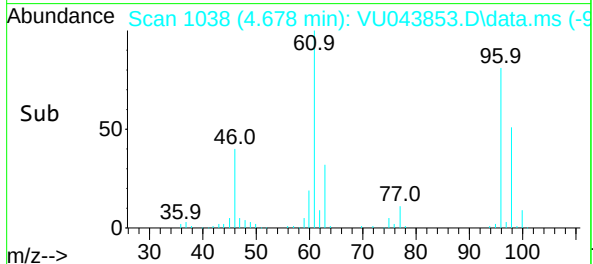
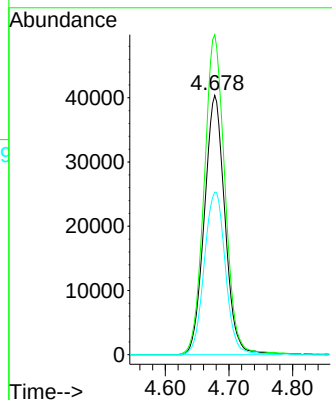
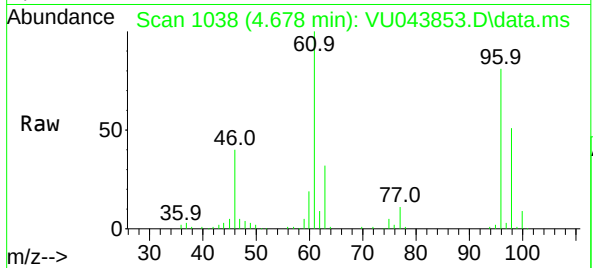


#22
 cis-1,2-Dichloroethene
 Concen: 5.51 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VU043853.D
 Acq: 20 May 2021 09:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005150

Tgt Ion: 96 Resp: 90701

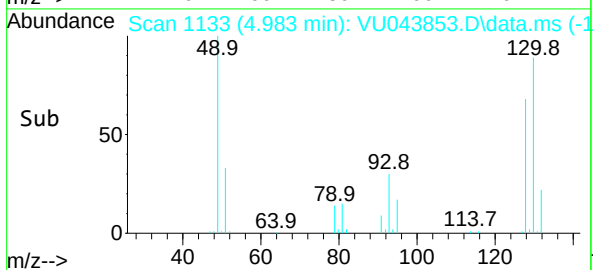
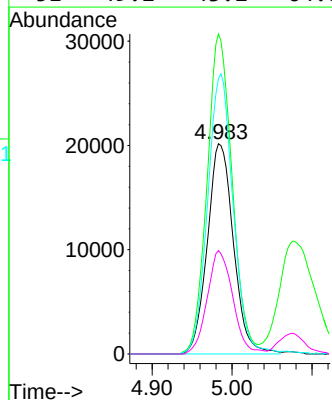
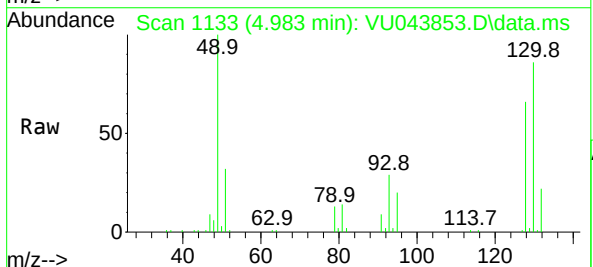
Ion	Ratio	Lower	Upper
96	100		
61	123.4	89.0	165.4
98	62.7	44.9	83.3

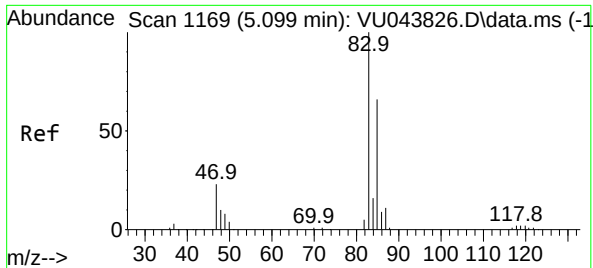


#23
 Bromochloromethane
 Concen: 5.90 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. -0.000 min
 Lab File: VU043853.D
 Acq: 20 May 2021 09:48

Tgt Ion: 128 Resp: 45714

Ion	Ratio	Lower	Upper
128	100		
49	152.2	114.7	212.9
130	130.9	91.7	170.3
51	49.2	43.2	64.8



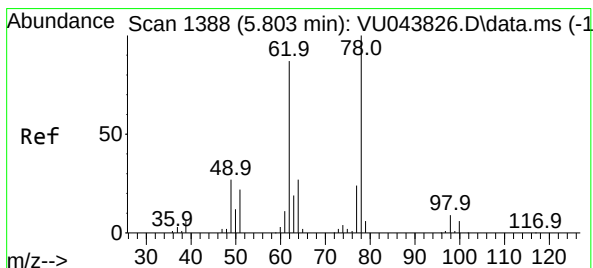
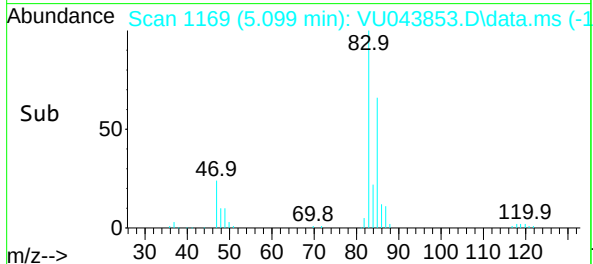
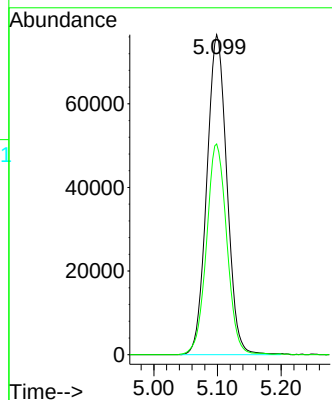
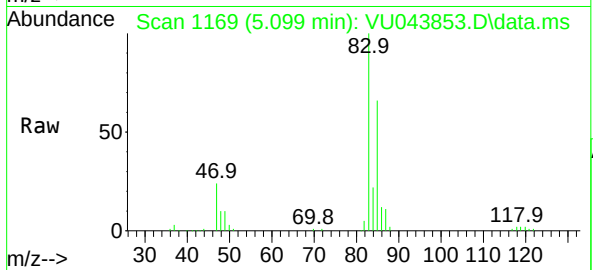


#25

Chloroform
Concen: 5.99 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

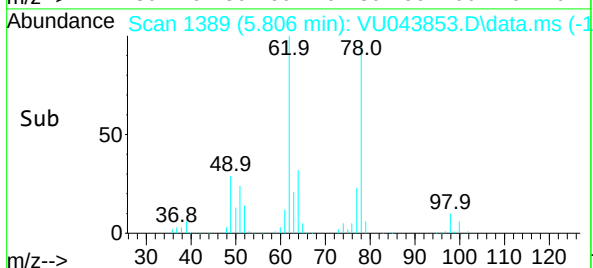
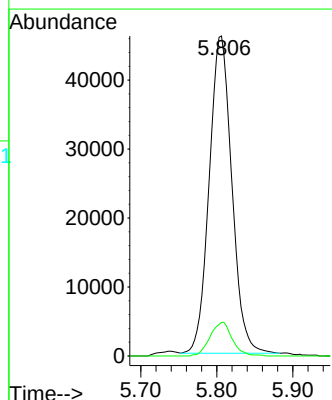
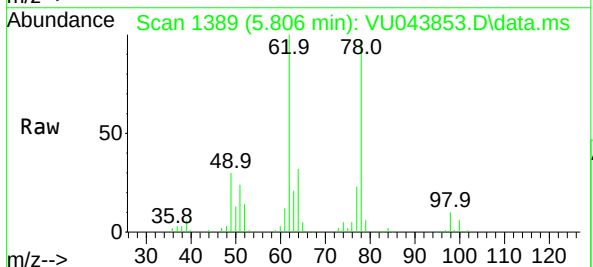
Tgt Ion: 83 Resp: 167700
Ion Ratio Lower Upper
83 100
85 65.8 45.0 83.6

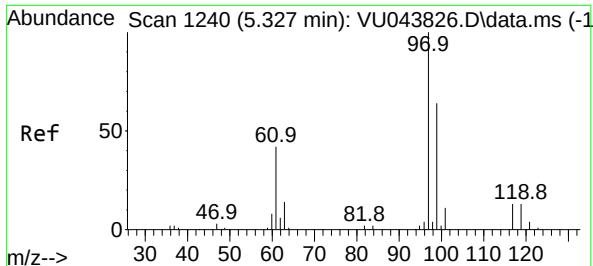


#27

1,2-Dichloroethane
Concen: 5.50 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion: 62 Resp: 94961
Ion Ratio Lower Upper
62 100
98 10.5 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 5.59 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. -0.000 min

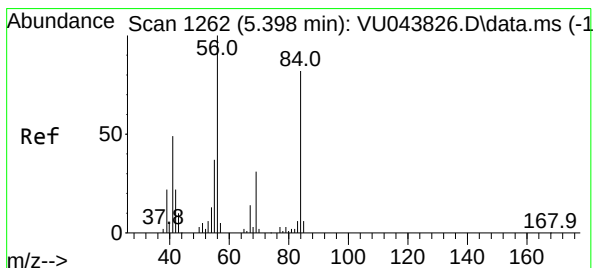
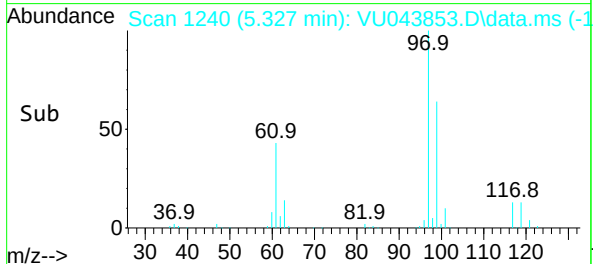
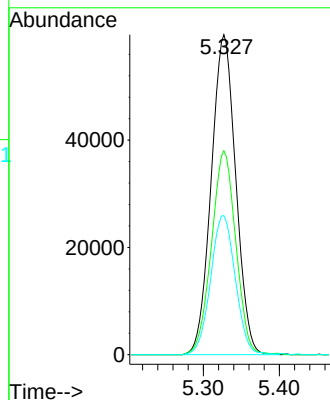
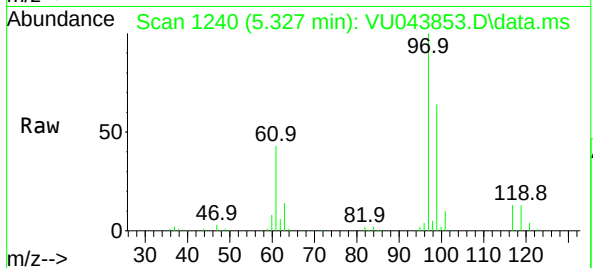
Lab File: VU043853.D

Acq: 20 May 2021 09:48

Tgt Ion: 97 Resp: 133806

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.1	76.7
61	43.7	37.0	55.4

Instrument :
MSVOA_U
ClientSampleId :
VSTD005150



#30

Cyclohexane

Concen: 4.84 ug/L

RT: 5.401 min Scan# 1263

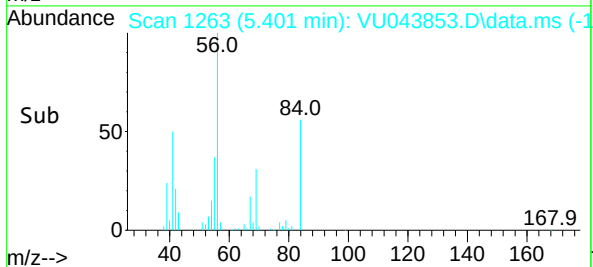
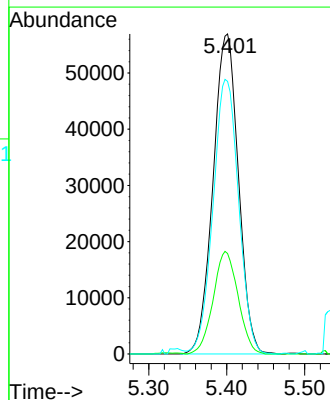
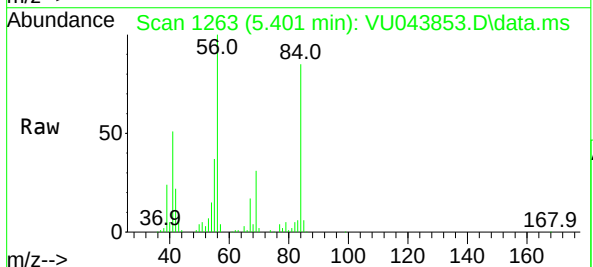
Delta R.T. 0.003 min

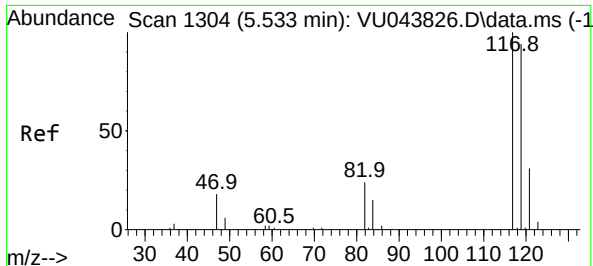
Lab File: VU043853.D

Acq: 20 May 2021 09:48

Tgt Ion: 56 Resp: 128653

Ion	Ratio	Lower	Upper
56	100		
69	31.5	24.8	37.2
84	86.8	66.8	100.2

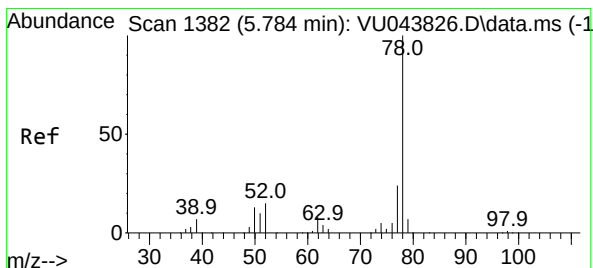
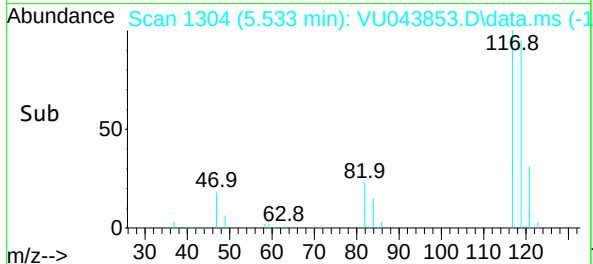
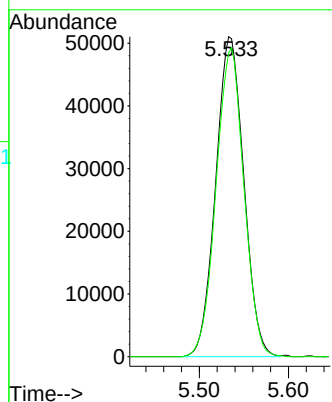
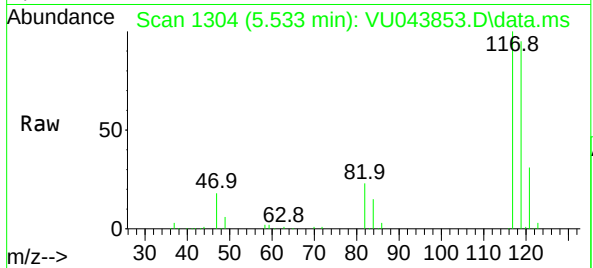




#31
Carbon tetrachloride
Concen: 5.59 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

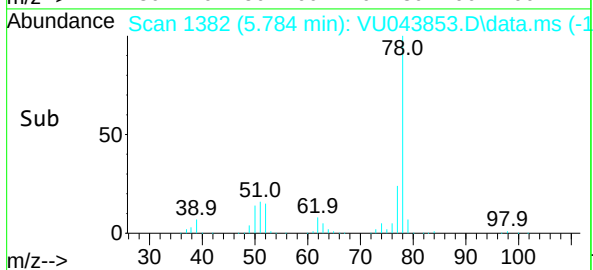
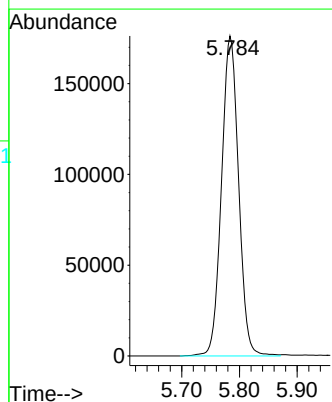
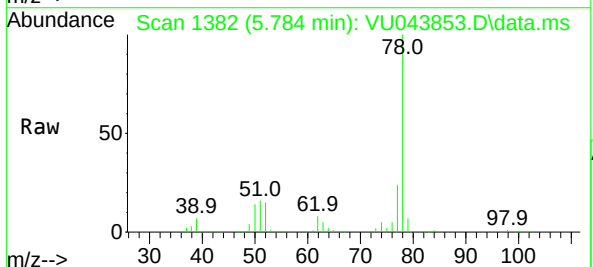
Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

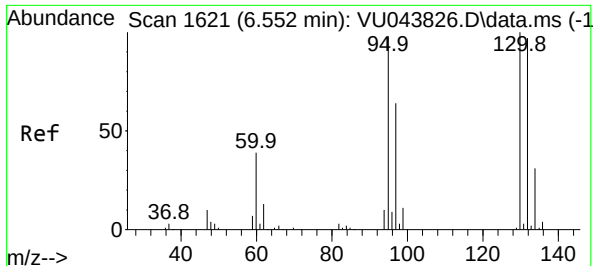
Tgt Ion:117 Resp: 111794
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.0



#33
Benzene
Concen: 5.45 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion: 78 Resp: 361881



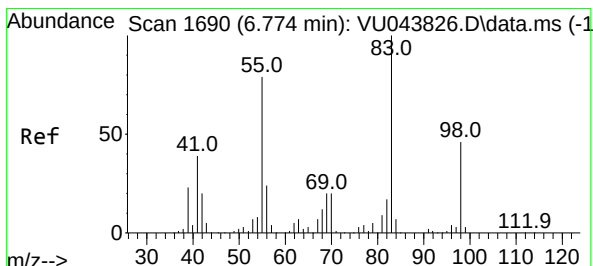
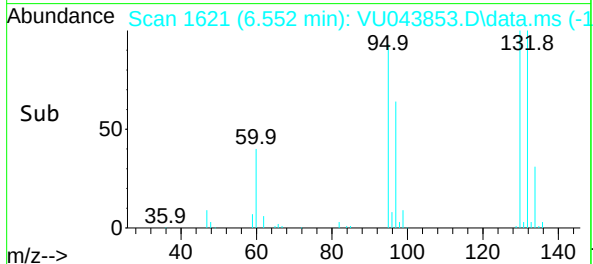
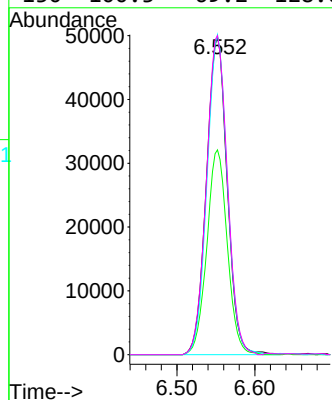
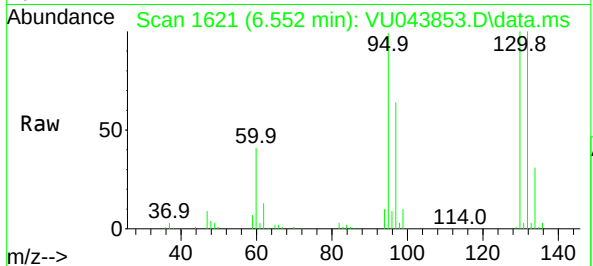


#34
Trichloroethene
Concen: 5.41 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

Tgt Ion: 95 Resp: 92237

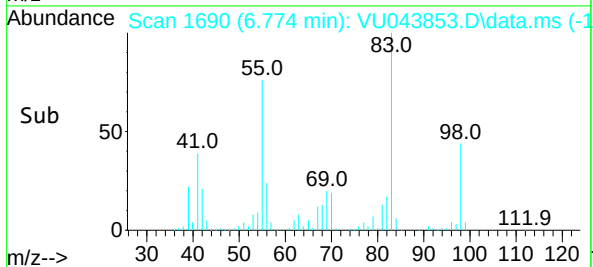
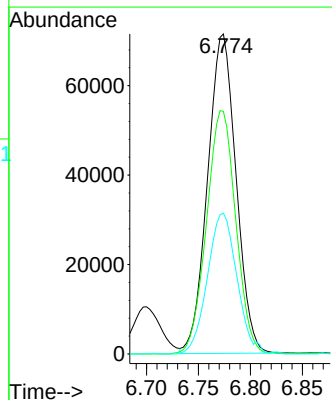
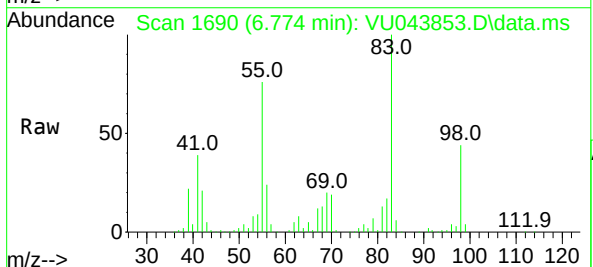
Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.3	82.3
132	100.7	66.0	122.6
130	100.3	69.2	128.6

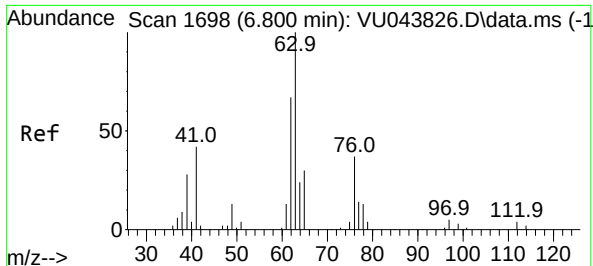


#35
Methylcyclohexane
Concen: 5.14 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion: 83 Resp: 136209

Ion	Ratio	Lower	Upper
83	100		
55	78.4	64.8	97.2
98	45.6	35.9	53.9



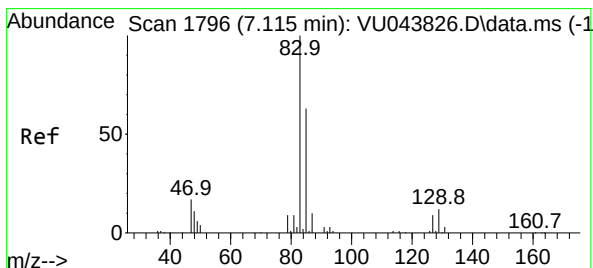
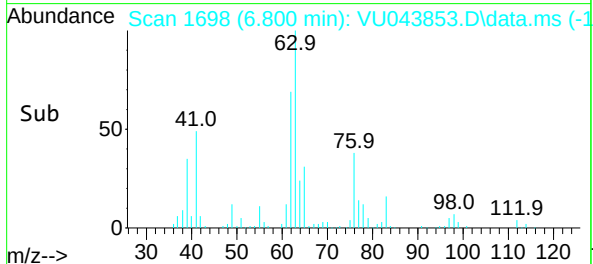
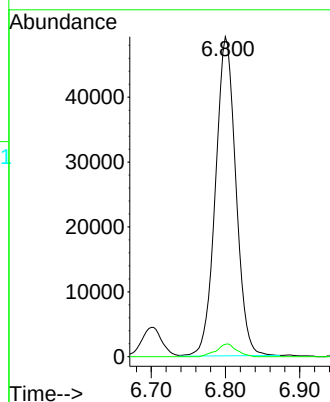
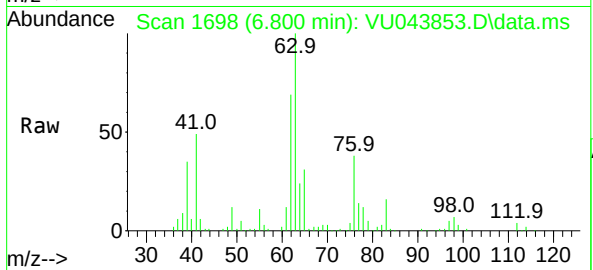


#37

1,2-Dichloropropane
Concen: 5.41 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

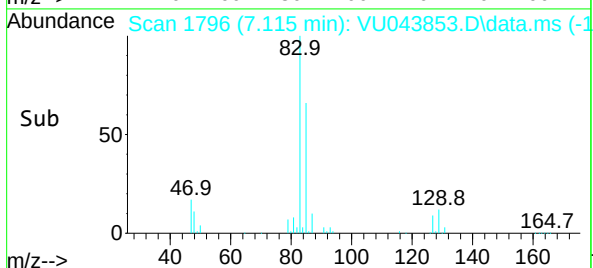
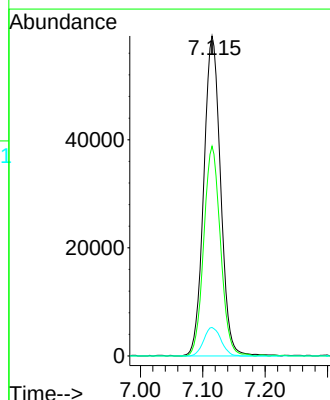
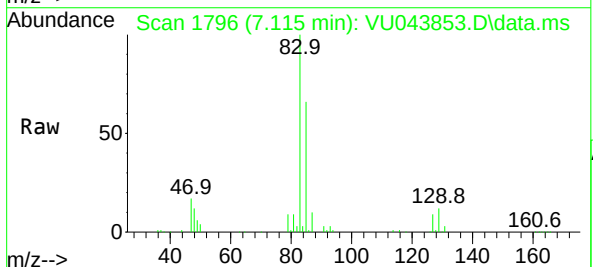
Tgt Ion: 63 Resp: 93944
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9

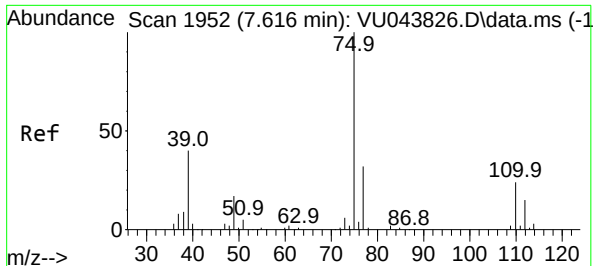


#38

Bromodichloromethane
Concen: 5.48 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion: 83 Resp: 111108
Ion Ratio Lower Upper
83 100
85 65.5 44.6 82.8
127 8.9 7.0 10.4

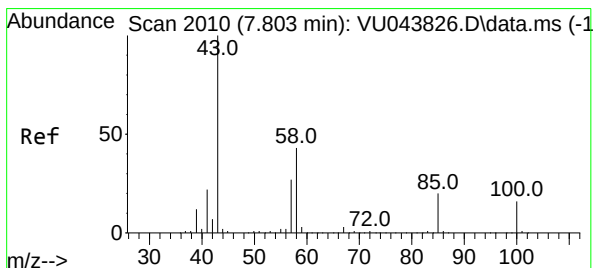
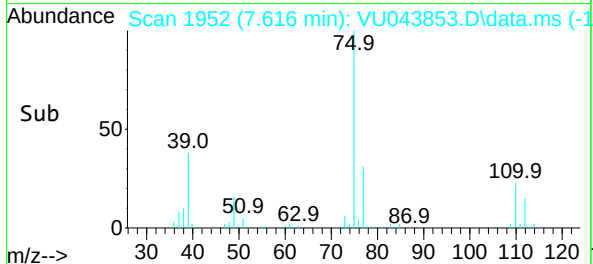
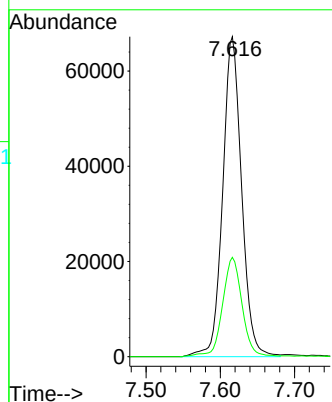
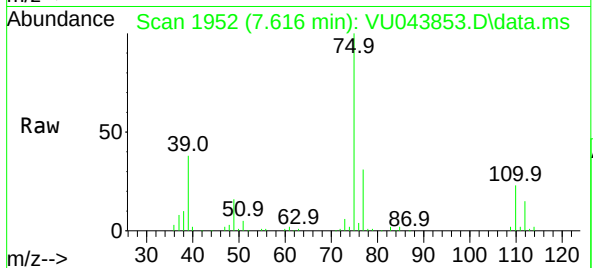




#39
cis-1,3-Dichloropropene
Concen: 5.17 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

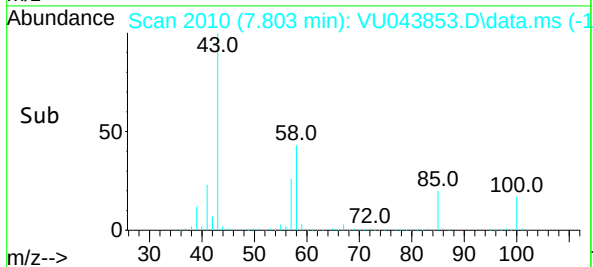
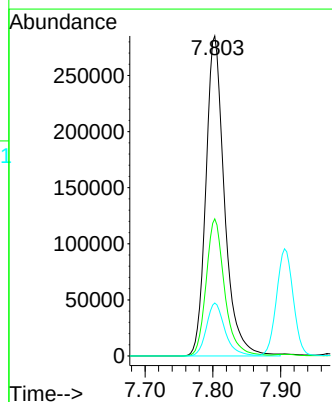
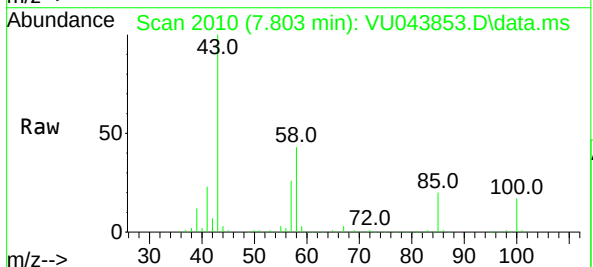
Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

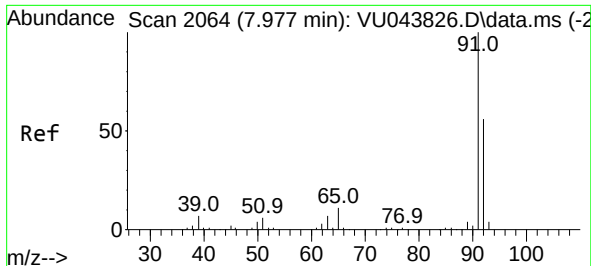
Tgt Ion: 75 Resp: 119373
Ion Ratio Lower Upper
75 100
77 31.1 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 49.10 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion: 43 Resp: 544040
Ion Ratio Lower Upper
43 100
58 42.5 32.8 49.2
100 16.4 11.9 17.9

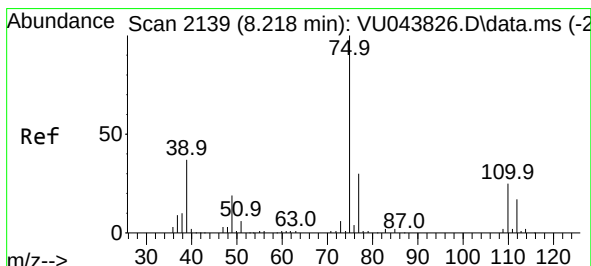
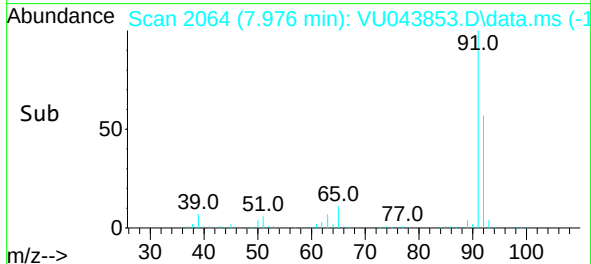
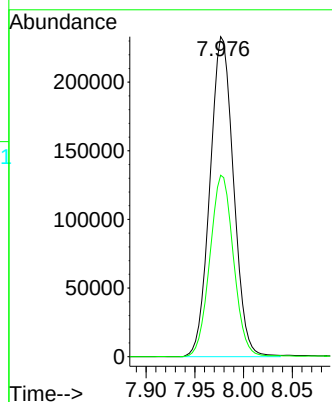
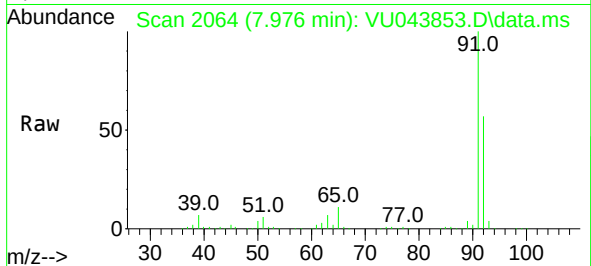




#42
Toluene
Concen: 5.62 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

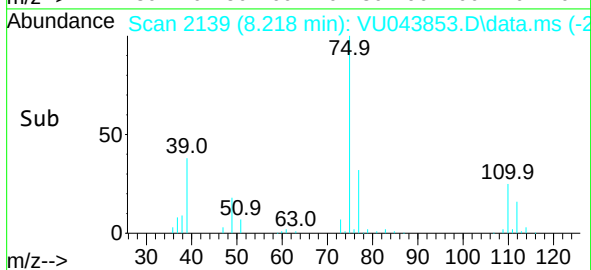
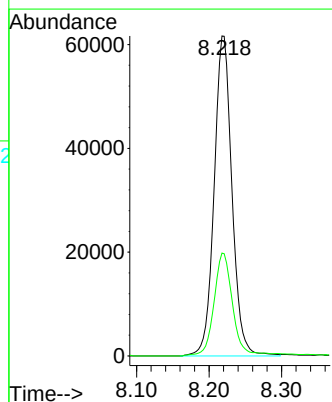
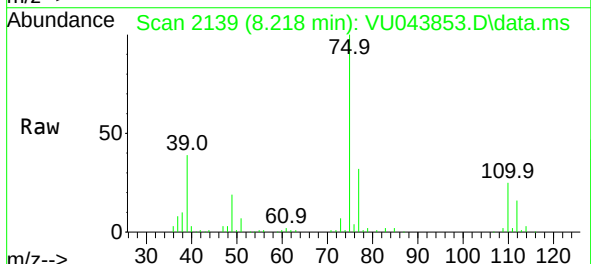
Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

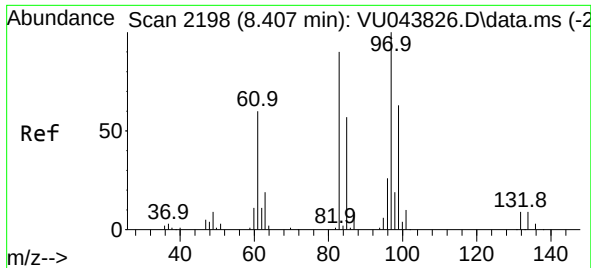
Tgt Ion: 91 Resp: 391994
Ion Ratio Lower Upper
91 100
92 56.7 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 5.29 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion: 75 Resp: 105338
Ion Ratio Lower Upper
75 100
77 32.2 21.5 39.9



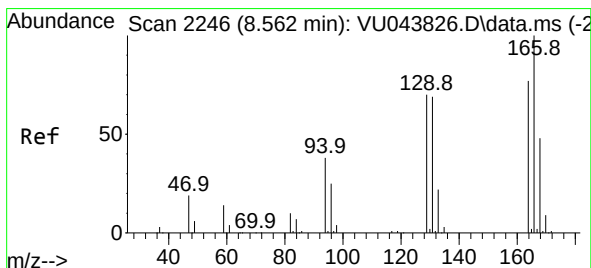
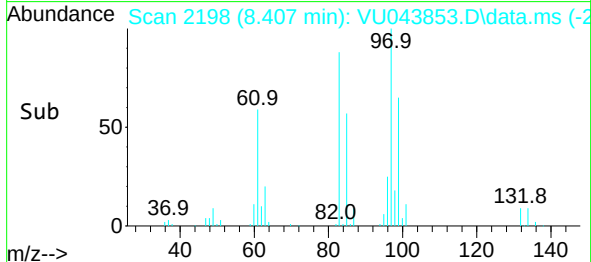
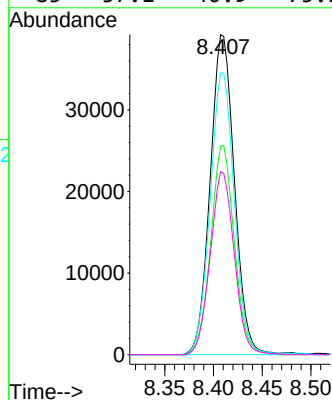
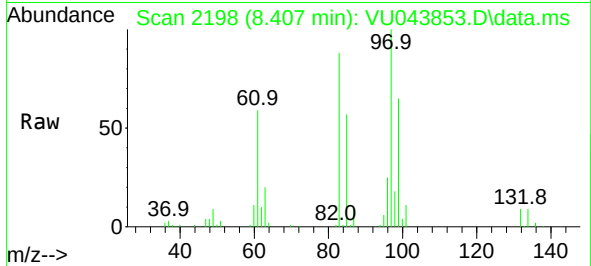


#45
1,1,2-Trichloroethane
Concen: 5.43 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

Tgt Ion: 97 Resp: 67821

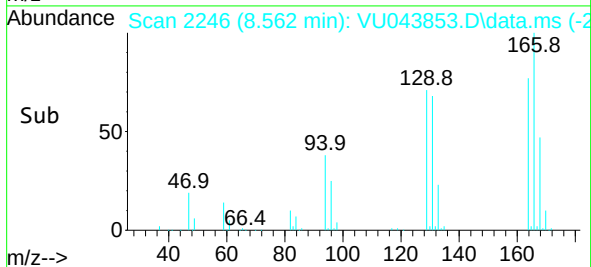
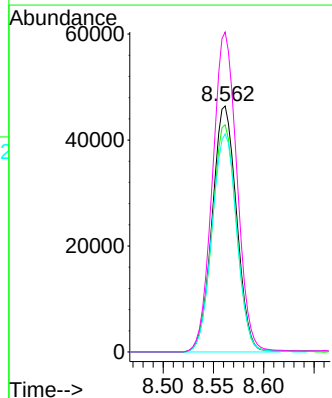
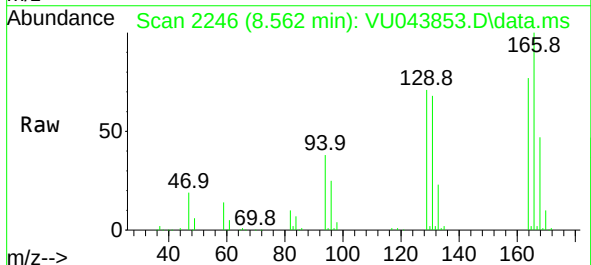
Ion	Ratio	Lower	Upper
97	100		
99	65.2	43.8	81.4
83	88.0	62.5	116.1
85	57.1	40.9	75.9

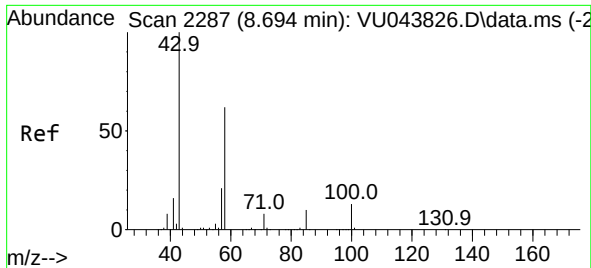


#47
Tetrachloroethene
Concen: 5.69 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion: 164 Resp: 78329

Ion	Ratio	Lower	Upper
164	100		
129	92.3	64.1	119.1
131	88.7	61.2	113.8
166	130.1	87.8	163.2

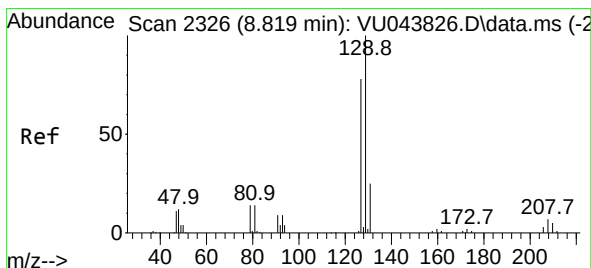
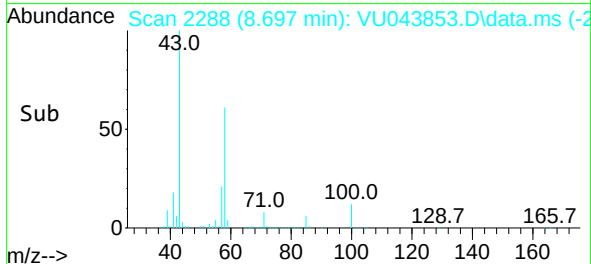
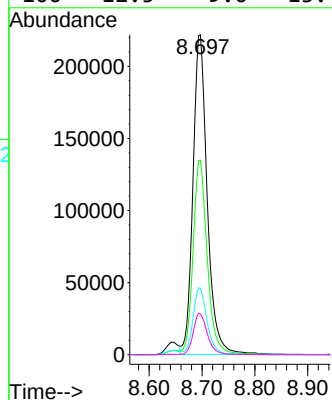
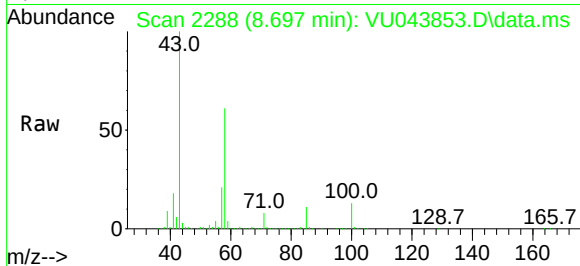




#48
2-Hexanone
Concen: 50.80 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

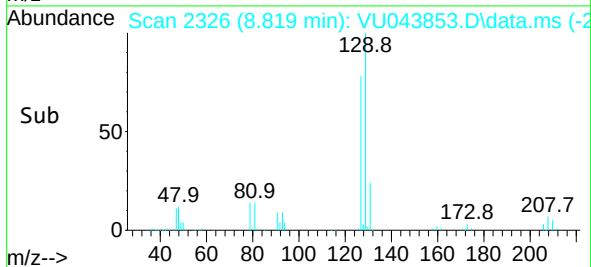
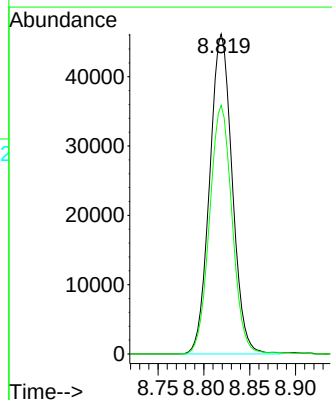
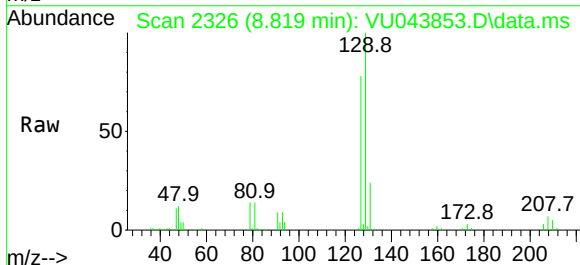
Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

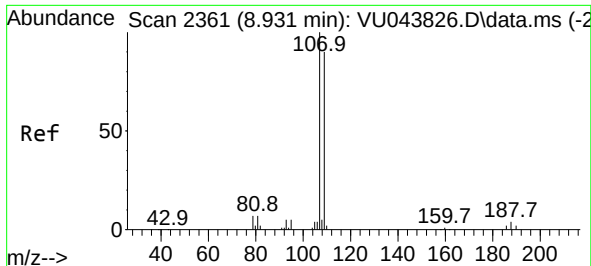
Tgt Ion: 43 Resp: 417550
Ion Ratio Lower Upper
43 100
58 59.3 47.0 70.4
57 20.6 15.8 23.8
100 12.5 9.0 13.4



#49
Dibromochloromethane
Concen: 5.68 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion:129 Resp: 79096
Ion Ratio Lower Upper
129 100
127 77.7 53.4 99.2





#50

1,2-Dibromoethane

Concen: 5.51 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VU043853.D

Acq: 20 May 2021 09:48

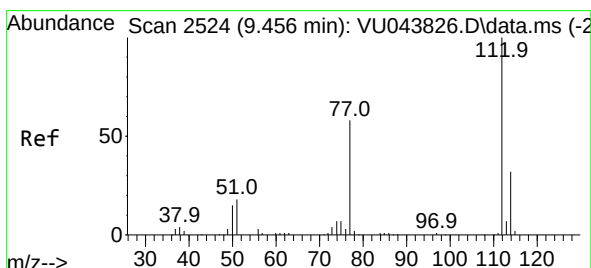
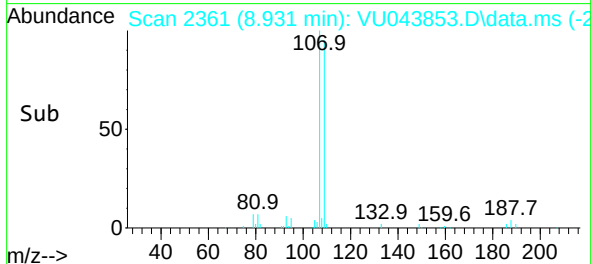
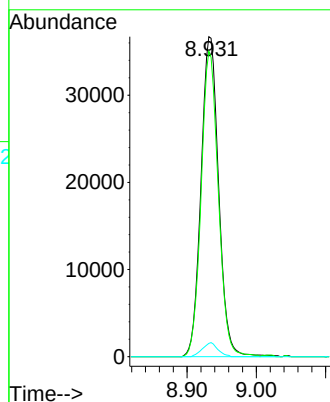
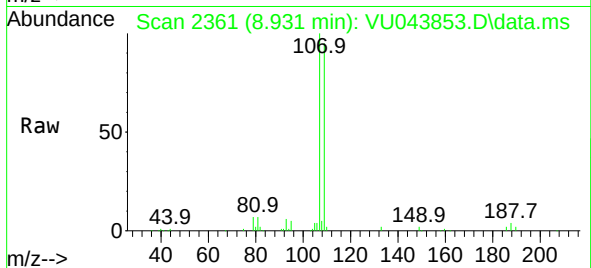
Instrument :

MSVOA_U

ClientSampleId :

VSTD005150

Tgt Ion:	107	Resp:	64767
Ion	Ratio	Lower	Upper
107	100		
109	95.4	67.7	125.7
188	4.2	3.3	4.9



#51

Chlorobenzene

Concen: 5.48 ug/L

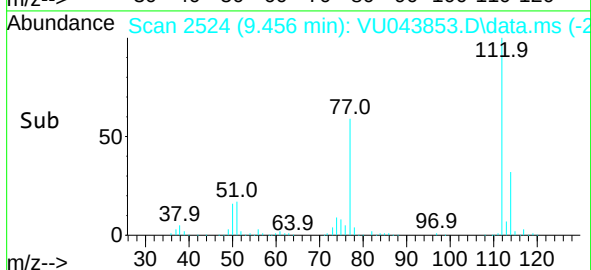
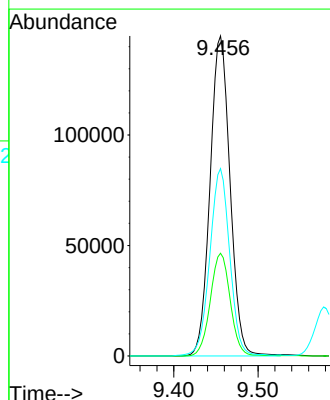
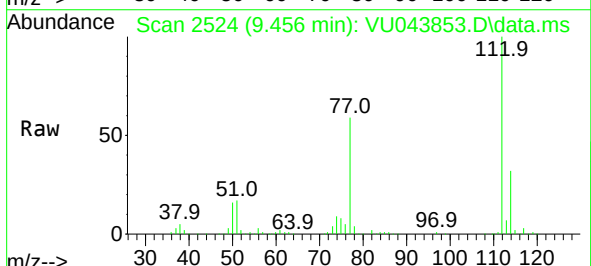
RT: 9.456 min Scan# 2524

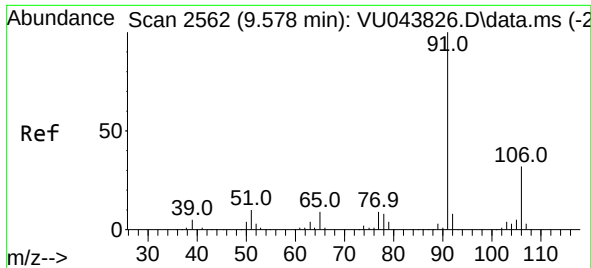
Delta R.T. -0.000 min

Lab File: VU043853.D

Acq: 20 May 2021 09:48

Tgt Ion:	112	Resp:	238699
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.3	41.5
77	58.6	47.8	71.8

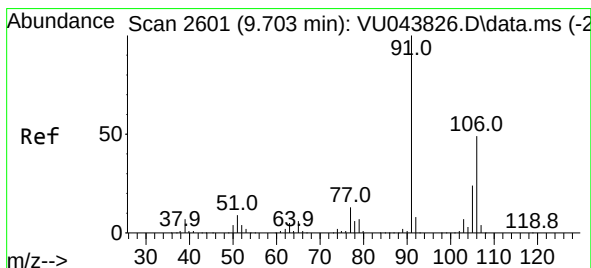
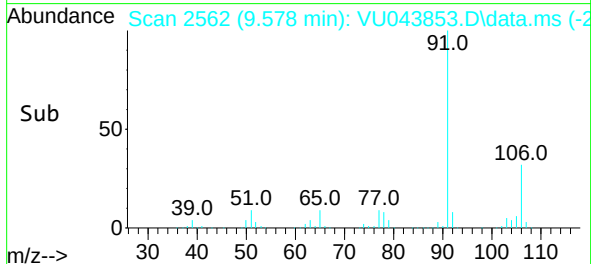
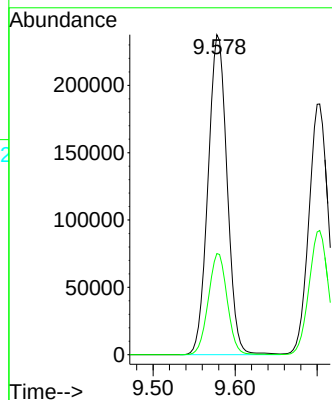
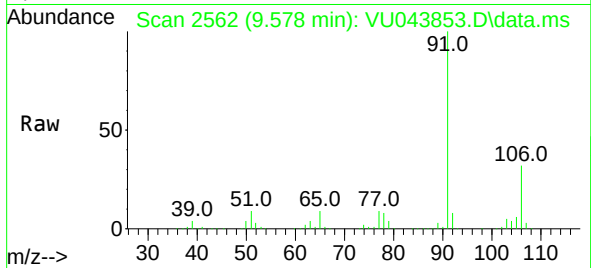




#52
Ethylbenzene
Concen: 5.37 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

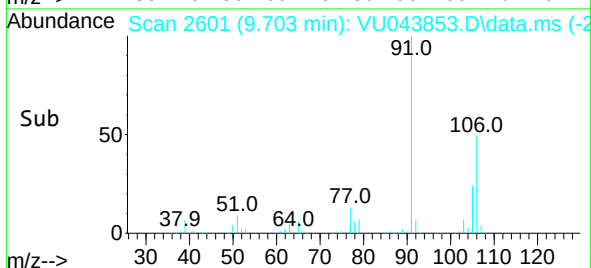
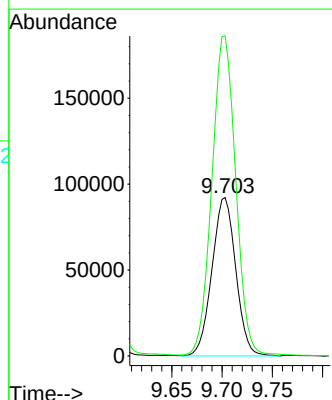
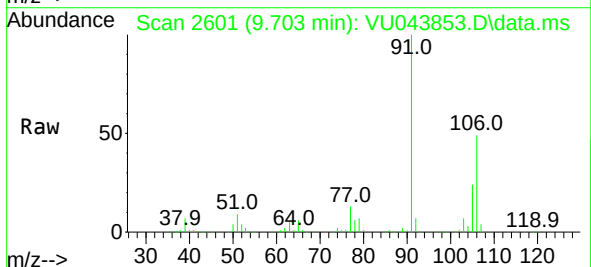
Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

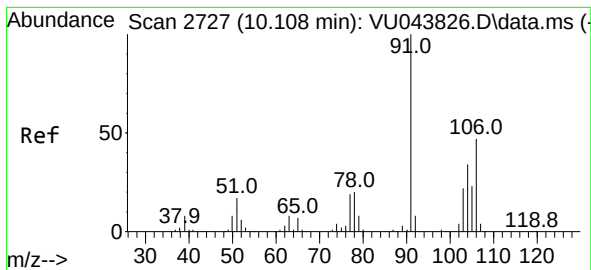
Tgt Ion: 91 Resp: 383156
Ion Ratio Lower Upper
91 100
106 31.6 21.7 40.3



#53
m,p-Xylene
Concen: 5.59 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion: 106 Resp: 151727
Ion Ratio Lower Upper
106 100
91 202.0 144.4 268.2

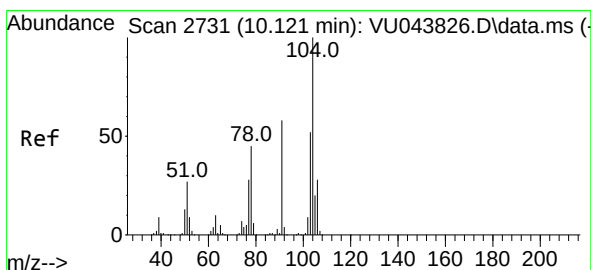
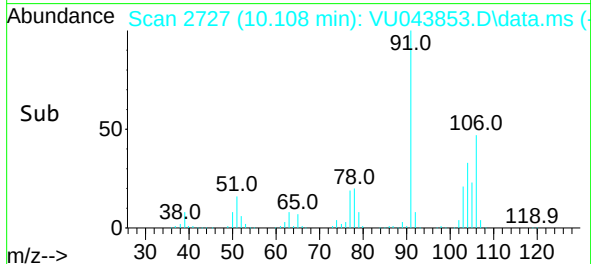
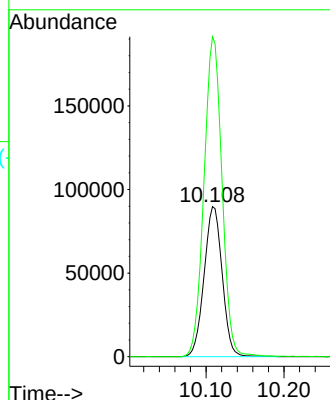
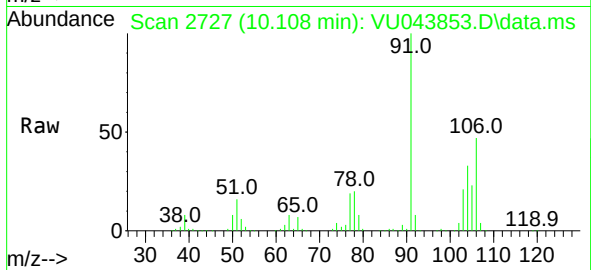




#54
o-Xylene
Concen: 5.58 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

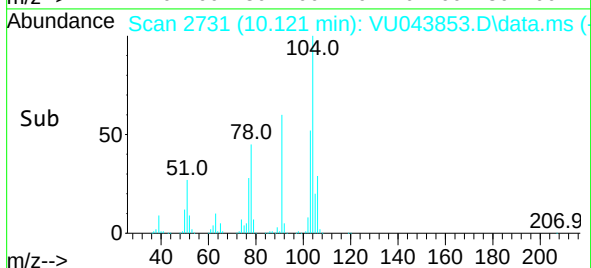
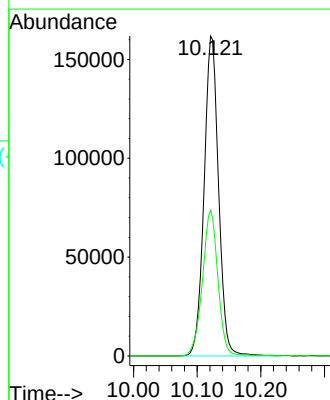
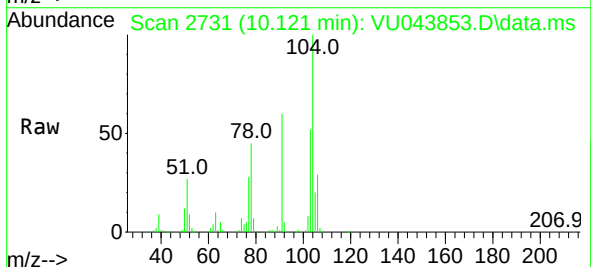
Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

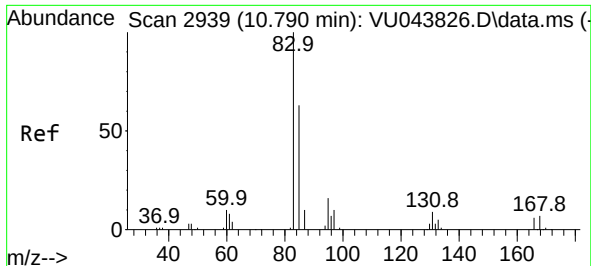
Tgt Ion:106 Resp: 144617
Ion Ratio Lower Upper
106 100
91 213.3 150.8 280.0



#55
Styrene
Concen: 5.85 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion:104 Resp: 255910
Ion Ratio Lower Upper
104 100
78 45.4 31.8 59.0

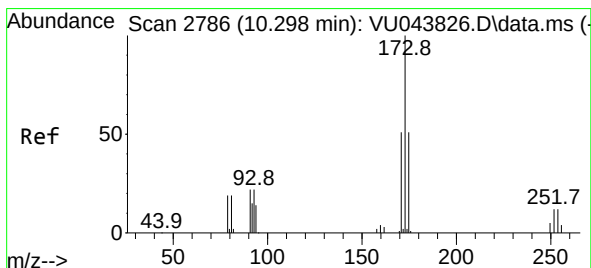
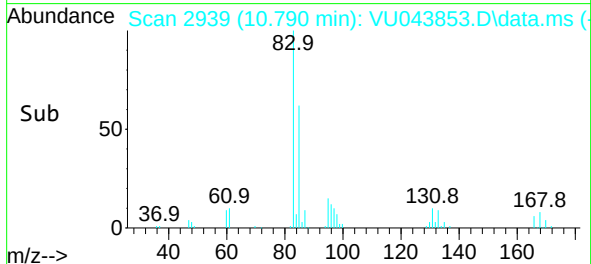
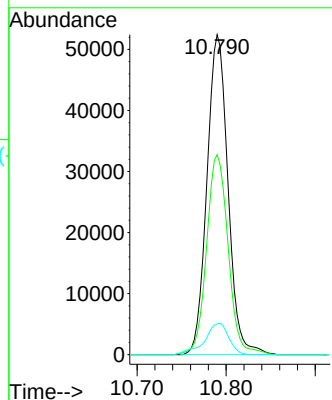
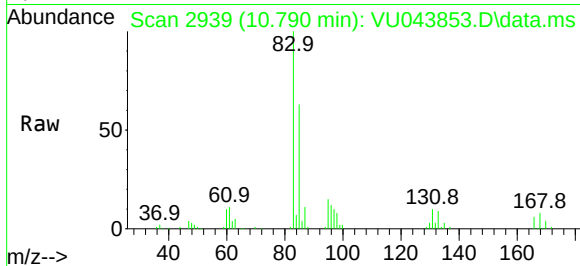




#57
1,1,2,2-Tetrachloroethane
Concen: 5.42 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

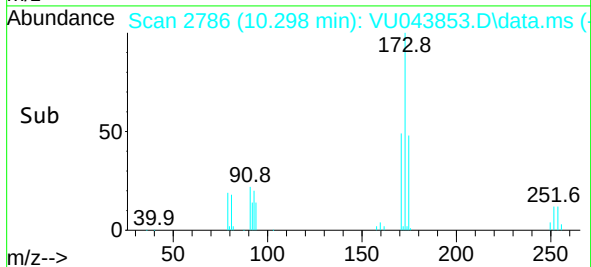
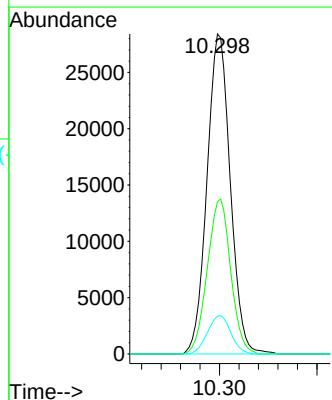
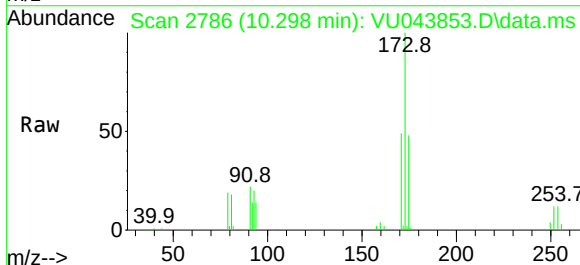
Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

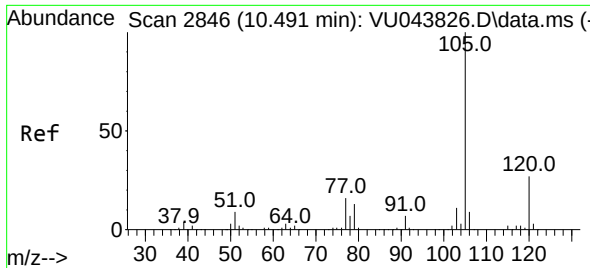
Tgt Ion:	83	Resp:	85856
Ion	Ratio	Lower	Upper
83	100		
85	62.5	45.1	83.7
131	9.6	7.6	11.4



#59
Bromoform
Concen: 5.38 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion:	173	Resp:	47140
Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.8	58.2
254	12.0	9.4	14.2

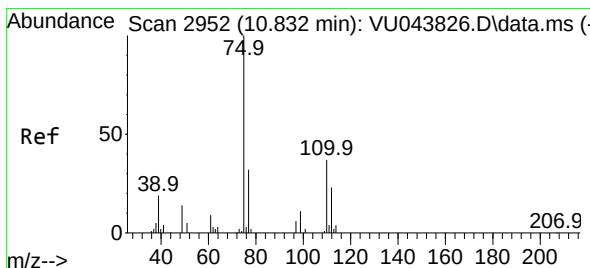
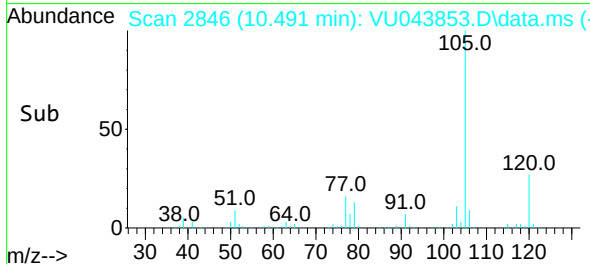
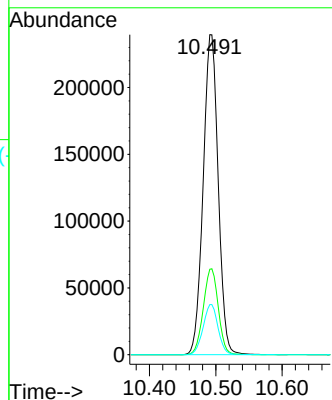
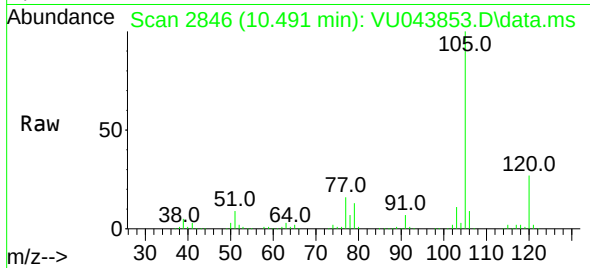




#60
Isopropylbenzene
Concen: 5.26 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

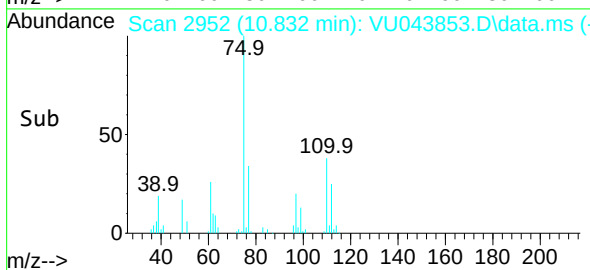
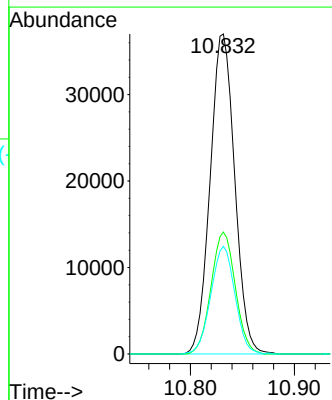
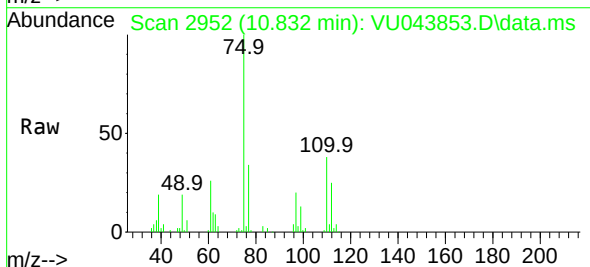
Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

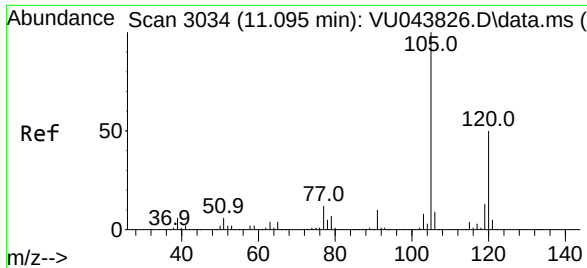
Tgt Ion:105 Resp: 376430
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.89 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion: 75 Resp: 60775
Ion Ratio Lower Upper
75 100
110 37.6 27.9 41.9
77 33.0 25.9 38.9

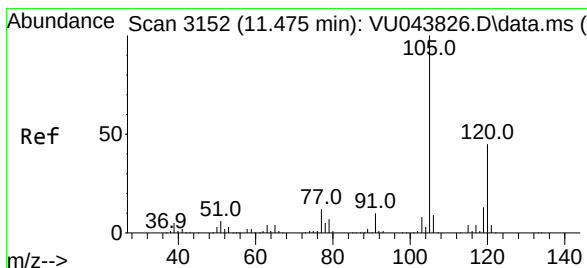
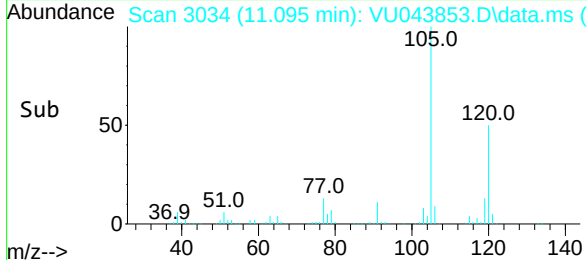
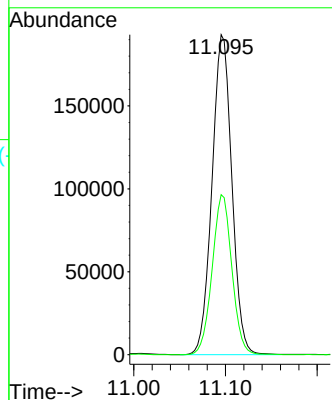
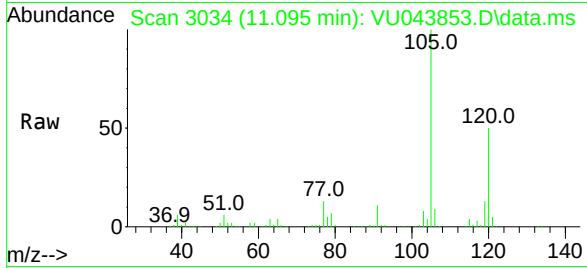




#62
1,3,5-Trimethylbenzene
Concen: 5.05 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

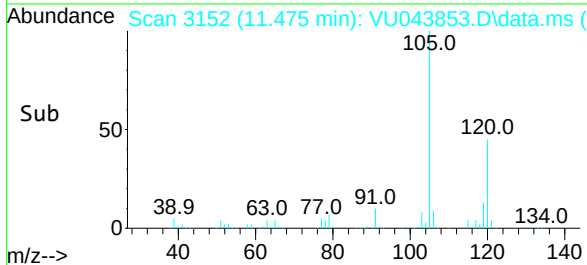
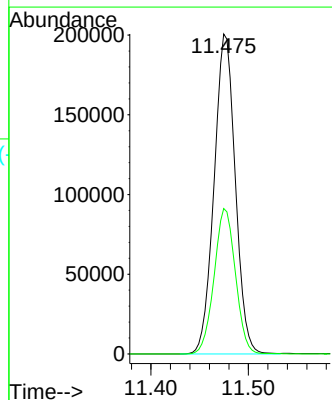
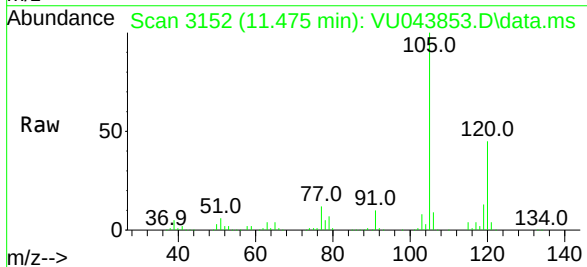
Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

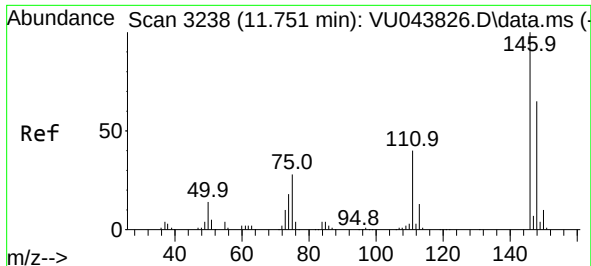
Tgt Ion:105 Resp: 290300
Ion Ratio Lower Upper
105 100
120 49.7 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 5.14 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion:105 Resp: 302871
Ion Ratio Lower Upper
105 100
120 45.7 36.0 54.0

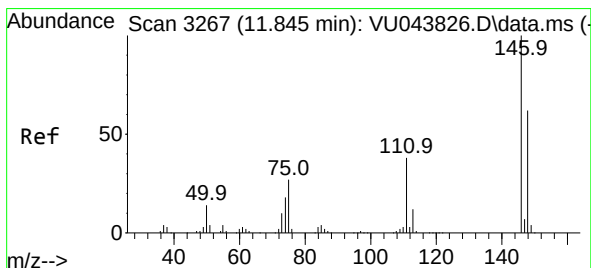
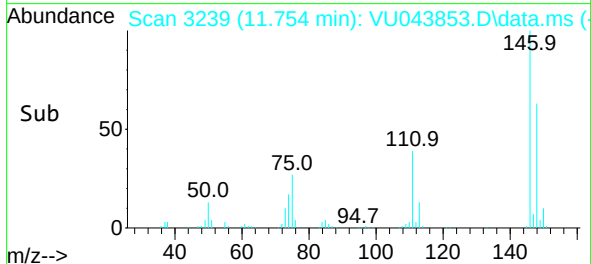
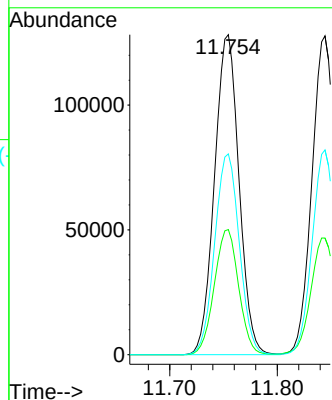
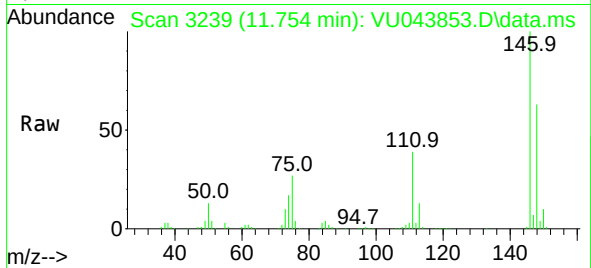




#64
1,3-Dichlorobenzene
Concen: 5.52 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

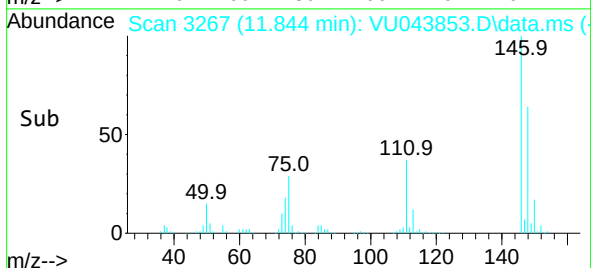
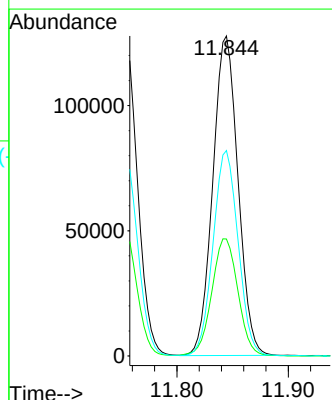
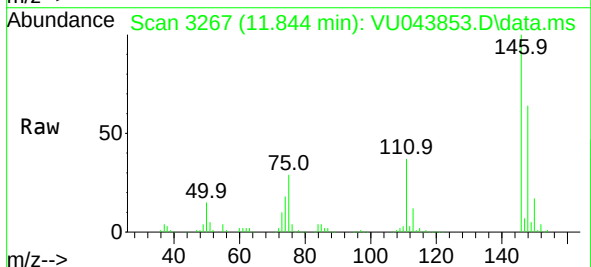
Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

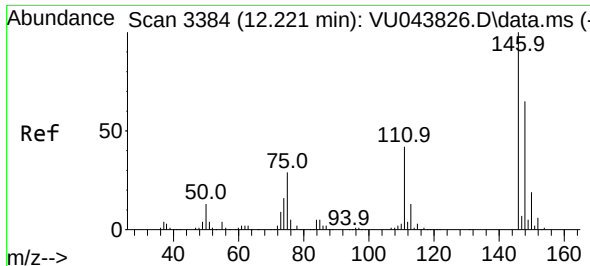
Tgt Ion:146 Resp: 203261
Ion Ratio Lower Upper
146 100
111 39.1 28.1 52.1
148 62.7 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 5.43 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion:146 Resp: 200820
Ion Ratio Lower Upper
146 100
111 36.6 27.0 50.2
148 64.2 45.0 83.6

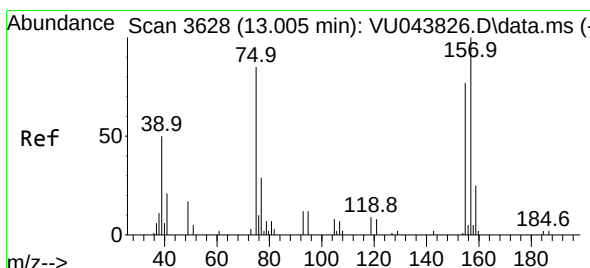
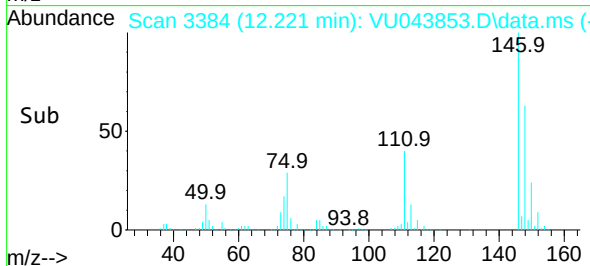
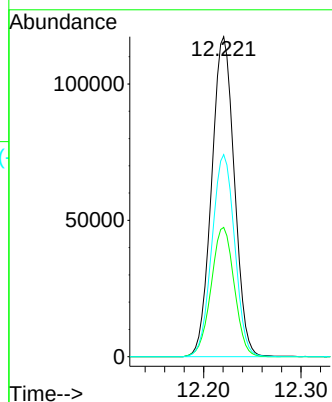
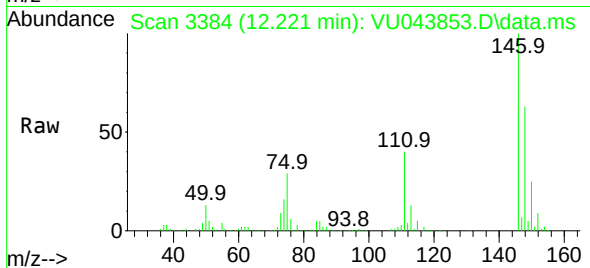




#67
1,2-Dichlorobenzene
Concen: 5.37 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

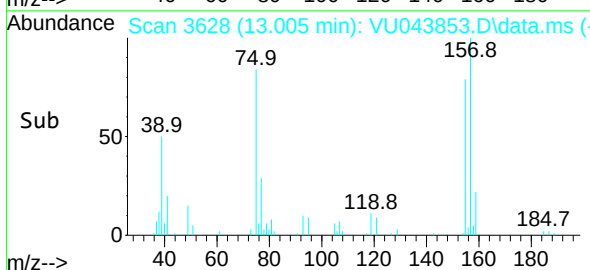
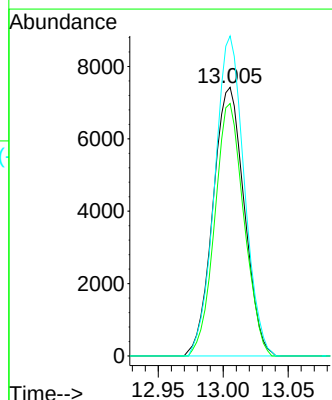
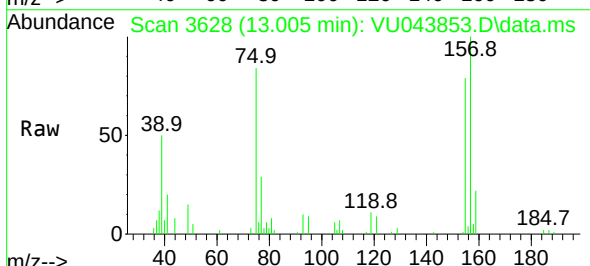
Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

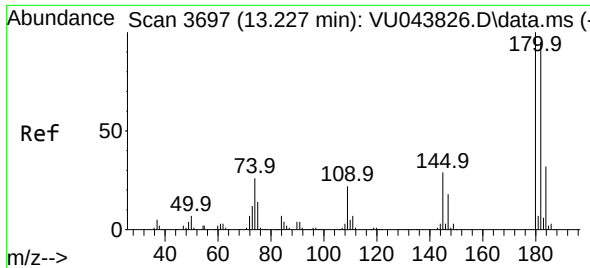
Tgt Ion:146 Resp: 190091
Ion Ratio Lower Upper
146 100
111 40.4 33.6 50.4
148 63.2 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.88 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion: 75 Resp: 12440
Ion Ratio Lower Upper
75 100
155 94.0 68.7 103.1
157 119.1 87.7 131.5

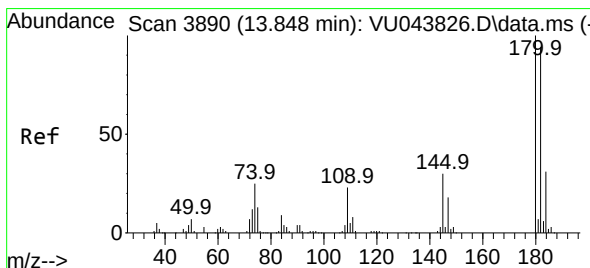
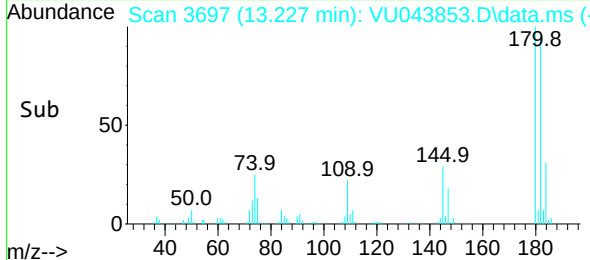
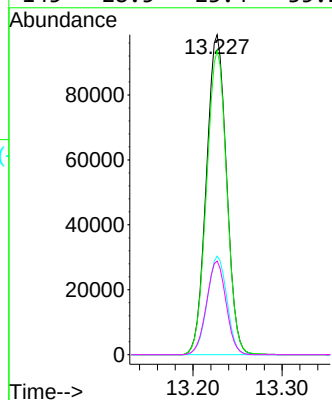
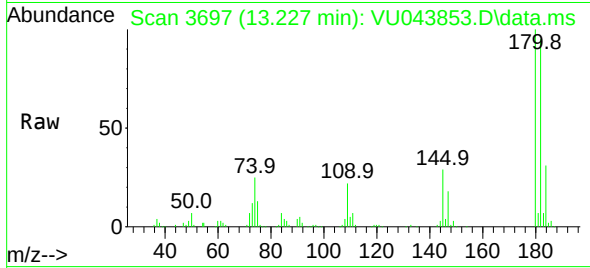




#69
 1,3,5-Trichlorobenzene
 Concen: 5.25 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. -0.000 min
 Lab File: VU043853.D
 Acq: 20 May 2021 09:48

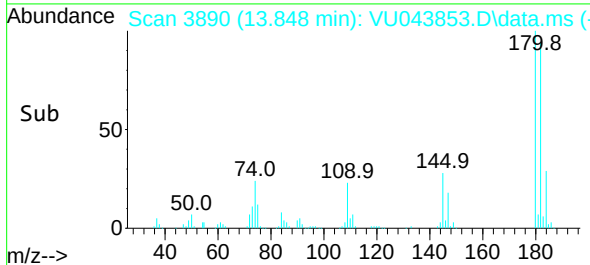
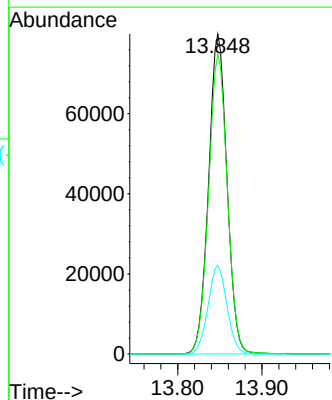
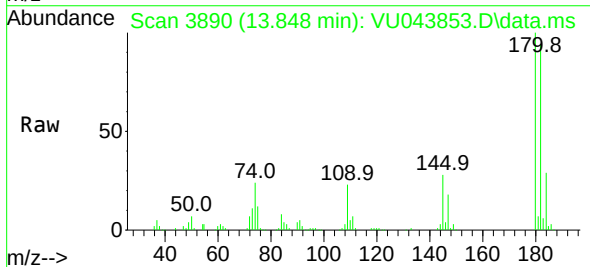
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005150

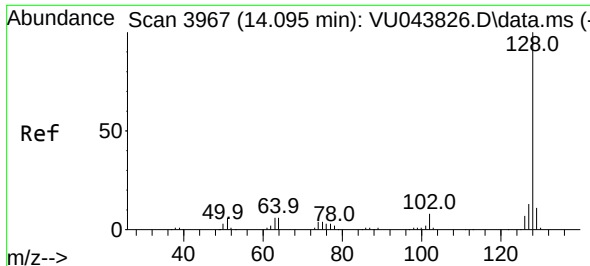
Tgt Ion:180 Resp: 154287
 Ion Ratio Lower Upper
 180 100
 182 95.3 78.2 117.2
 184 30.1 24.8 37.2
 145 28.5 23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 5.01 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. -0.000 min
 Lab File: VU043853.D
 Acq: 20 May 2021 09:48

Tgt Ion:180 Resp: 121283
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.9 115.3
 145 28.5 23.0 34.4

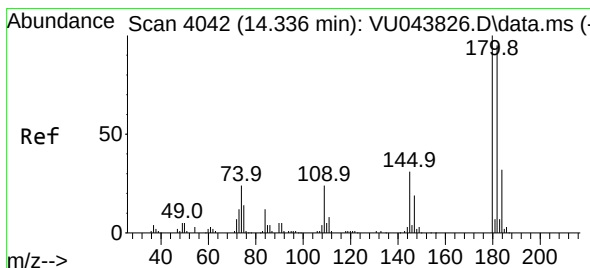
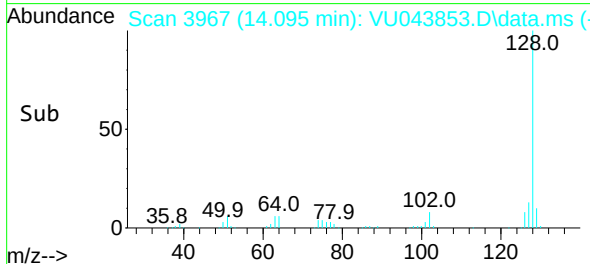
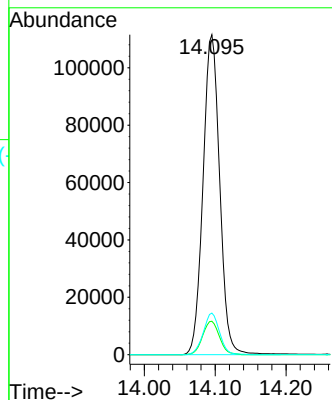
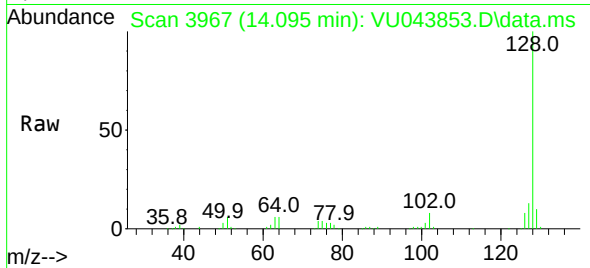




#71
Naphthalene
Concen: 4.28 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

Tgt Ion:128 Resp: 182646
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 12.6 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.06 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU043853.D
Acq: 20 May 2021 09:48

Tgt Ion:180 Resp: 116238
Ion Ratio Lower Upper
180 100
182 95.6 77.0 115.4
145 31.1 24.6 36.8

