

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031521\
 Data File : VU042674.D
 Acq On : 15 Mar 2021 19:20
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00530

Quant Time: Mar 16 01:40:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 16 01:32:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	82444	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	81790	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	44489	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21869	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.919	69	19805	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.575	63	56182	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	4.649	46	74319	41.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.36%
24) Chloroform-d	5.073	84	55962	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.710	65	34738	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.735	84	94701	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.697	67	31771	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.906	98	95534	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloroprop...	8.185	79	14783	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.645	63	70113	48.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.90%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29907	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	39156	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	34733	4.53	ug/L	100
3) Chloromethane	1.523	50	33422	4.60	ug/L	100
5) Vinyl chloride	1.607	62	33280	4.56	ug/L	99
6) Bromomethane	1.864	94	20733	5.15	ug/L	97
8) Chloroethane	1.941	64	21767	5.00	ug/L	98
9) Trichlorofluoromethane	2.144	101	59271	4.98	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	30908	4.94	ug/L	97
12) 1,1-Dichloroethene	2.587	96	27669	4.76	ug/L	88
13) Acetone	2.655	43	45355	32.62	ug/L	100
14) Carbon disulfide	2.800	76	78319	4.23	ug/L	99
15) Methyl Acetate	2.964	43	13448	3.89	ug/L	96
16) Methylene chloride	3.054	84	32350	4.65	ug/L	89
17) Methyl tert-butyl Ether	3.372	73	73940	4.53	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	27659	4.53	ug/L	98
19) 1,1-Dichloroethane	3.880	63	57427	4.88	ug/L	98
21) 2-Butanone	4.729	43	94113	39.81	ug/L	96
22) cis-1,2-Dichloroethene	4.681	96	30831	4.72	ug/L	97
23) Bromochloromethane	4.986	128	15118	4.87	ug/L	95
25) Chloroform	5.099	83	58995	4.77	ug/L	98
27) 1,2-Dichloroethane	5.806	62	44665	4.81	ug/L	97

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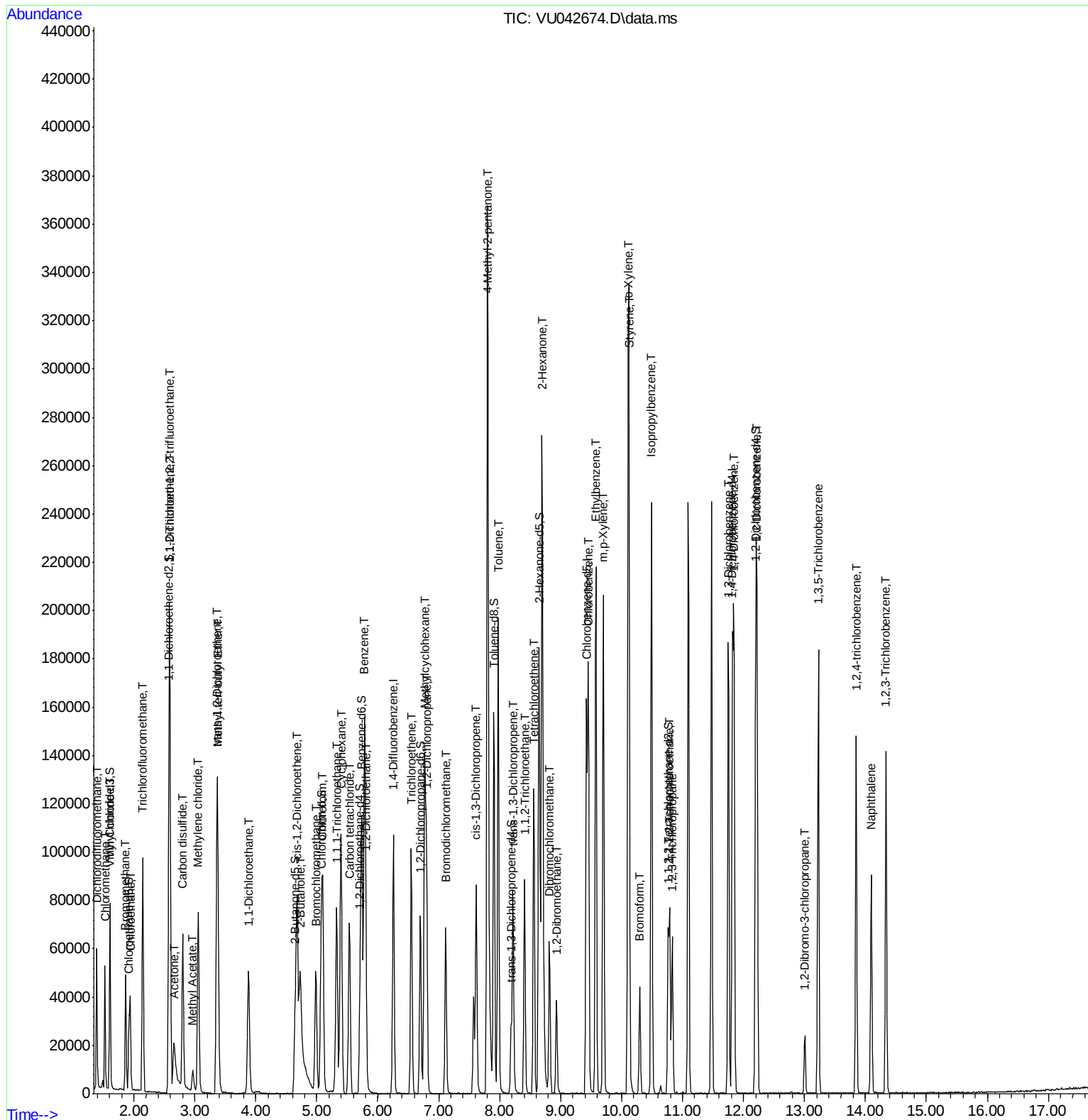
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.327	97	53424	4.70	ug/L	95
30) Cyclohexane	5.398	56	47768	4.21	ug/L	98
31) Carbon tetrachloride	5.533	117	46562	4.64	ug/L	99
33) Benzene	5.784	78	121069	4.73	ug/L	100
34) Trichloroethene	6.549	95	32427	4.57	ug/L	97
35) Methylcyclohexane	6.771	83	47520	4.40	ug/L	97
37) 1,2-Dichloropropane	6.800	63	34069	4.93	ug/L	99
38) Bromodichloromethane	7.115	83	43155	4.79	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	46503	4.62	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	290359	48.20	ug/L	96
42) Toluene	7.976	91	133691	4.79	ug/L	97
44) trans-1,3-Dichloropropene	8.217	75	42697	4.60	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	25595	5.02	ug/L	96
47) Tetrachloroethene	8.562	164	26488	4.58	ug/L	96
48) 2-Hexanone	8.697	43	221799	49.91	ug/L	94
49) Dibromochloromethane	8.816	129	30117	4.72	ug/L	93
50) 1,2-Dibromoethane	8.931	107	24836	4.94	ug/L	100
51) Chlorobenzene	9.455	112	84237	4.72	ug/L	98
52) Ethylbenzene	9.578	91	146497	4.66	ug/L	100
53) m,p-Xylene	9.703	106	54668	4.70	ug/L	98
54) o-Xylene	10.108	106	53059	4.71	ug/L	95
55) Styrene	10.121	104	92466	4.83	ug/L	99
56) Isopropylbenzene	10.491	105	146987	4.75	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	33719	4.94	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	24892	4.79	ug/L	100
61) Bromoform	10.298	173	19102	4.76	ug/L	97
62) 1,3-Dichlorobenzene	11.751	146	71453	4.65	ug/L	98
63) 1,4-Dichlorobenzene	11.844	146	70588	4.61	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	69476	4.70	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	5317	4.28	ug/L	94
67) 1,3,5-Trichlorobenzene	13.227	180	57602	4.33	ug/L	98
68) 1,2,4-trichlorobenzene	13.847	180	45048	4.09	ug/L	99
69) Naphthalene	14.095	128	69512	3.88	ug/L	98
70) 1,2,3-Trichlorobenzene	14.336	180	42614	4.26	ug/L	100

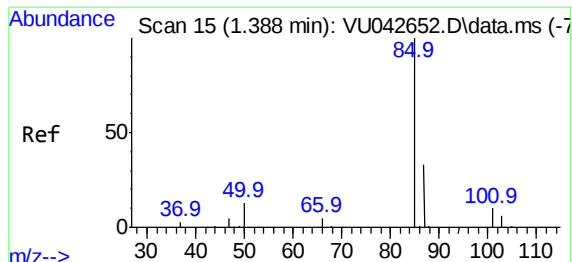
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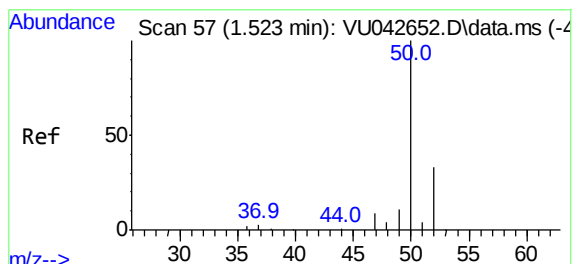
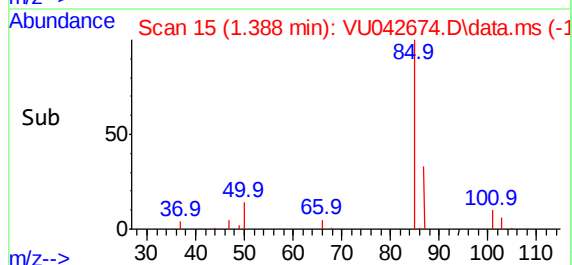
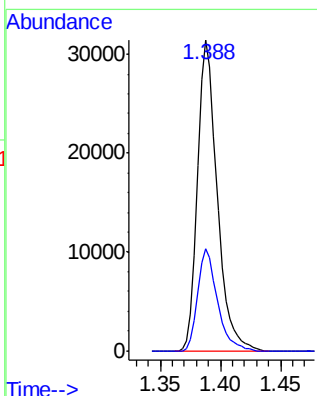
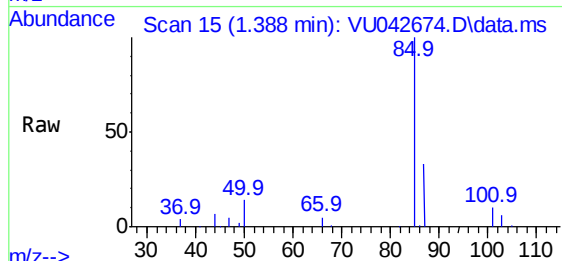




#2
Dichlorodifluoromethane
Concen: 4.53 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

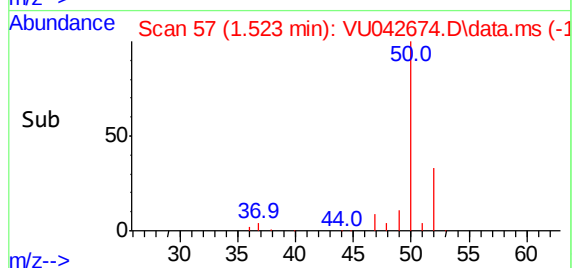
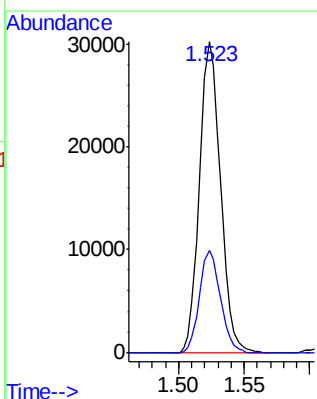
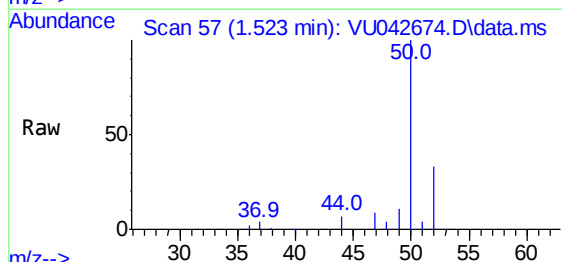
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

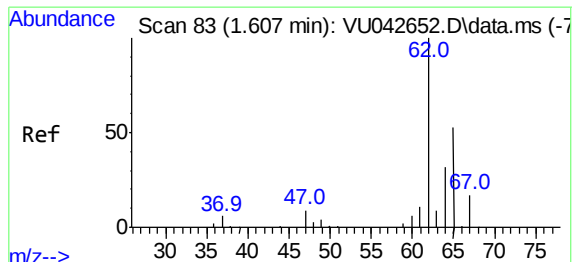
Tgt Ion: 85 Resp: 34733
Ion Ratio Lower Upper
85 100
87 32.9 26.1 39.1



#3
Chloromethane
Concen: 4.60 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion: 50 Resp: 33422
Ion Ratio Lower Upper
50 100
52 33.0 23.0 42.8

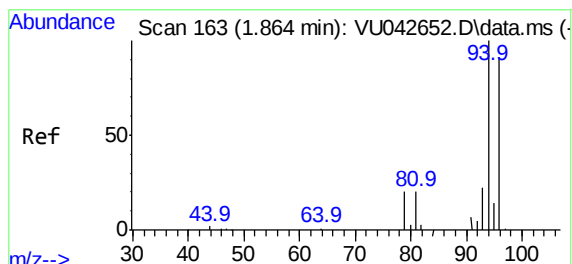
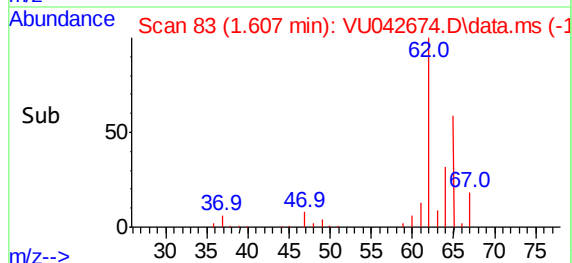
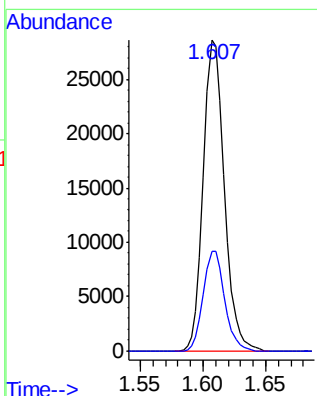
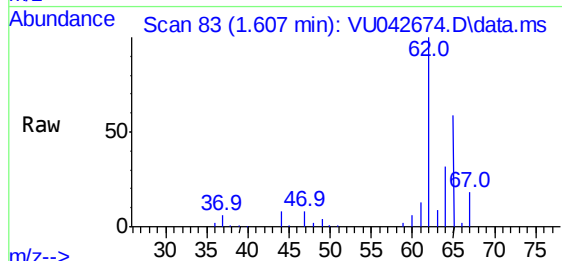




#5
 Vinyl chloride
 Concen: 4.56 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042674.D
 Acq: 15 Mar 2021 19:20

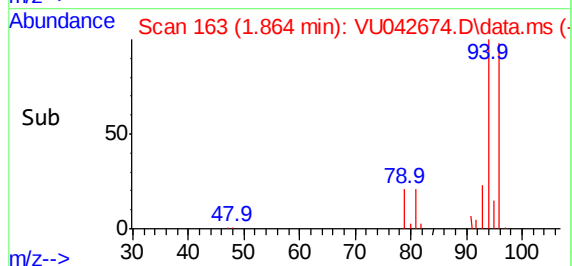
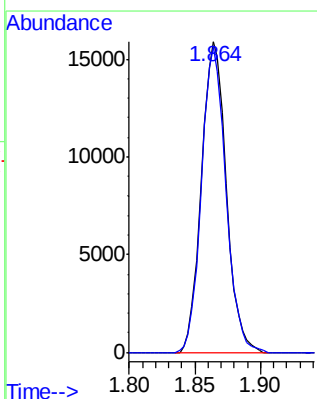
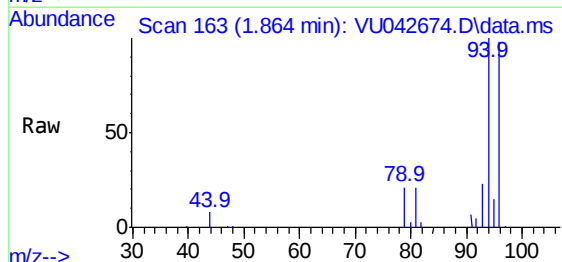
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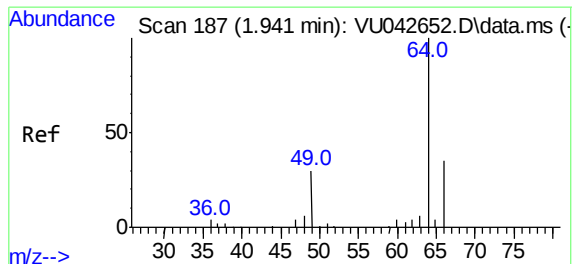
Tgt Ion: 62 Resp: 33280
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.7 42.1



#6
 Bromomethane
 Concen: 5.15 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU042674.D
 Acq: 15 Mar 2021 19:20

Tgt Ion: 94 Resp: 20733
 Ion Ratio Lower Upper
 94 100
 96 98.2 66.5 123.5

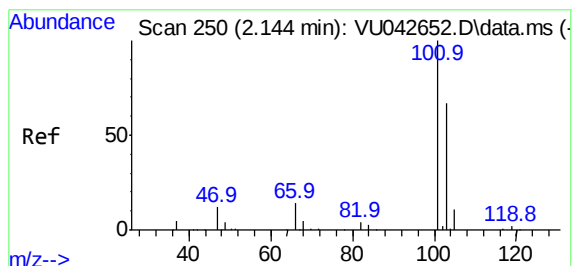
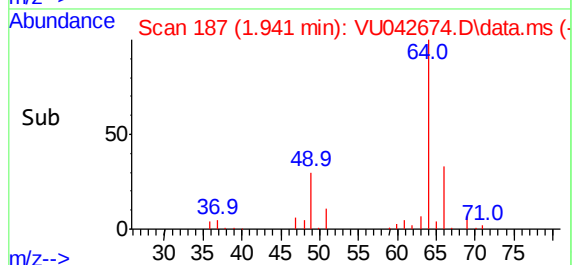
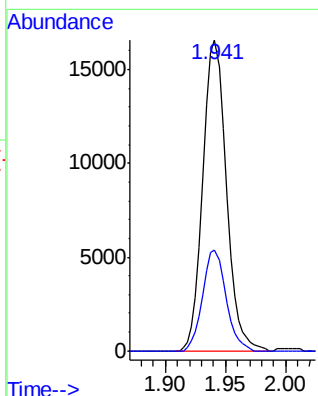
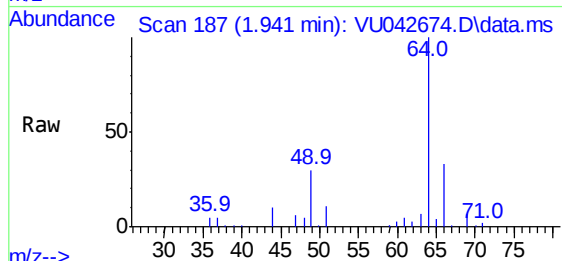




#8
Chloroethane
Concen: 5.00 ug/L
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

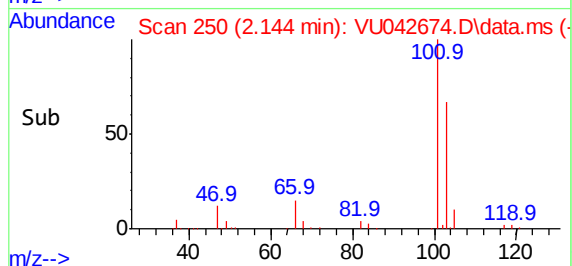
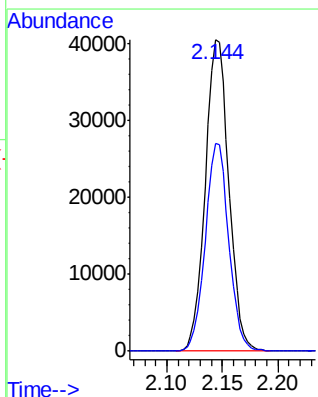
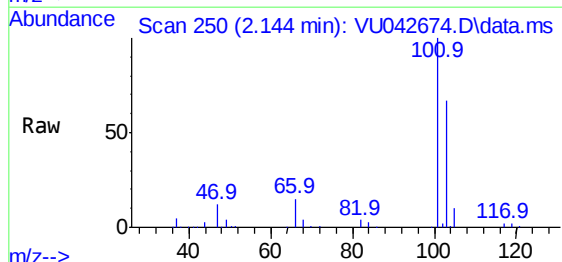
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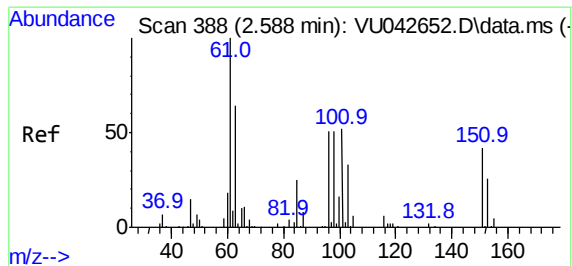
Tgt Ion: 64 Resp: 21767
Ion Ratio Lower Upper
64 100
66 32.6 22.2 41.2



#9
Trichlorofluoromethane
Concen: 4.98 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion:101 Resp: 59271
Ion Ratio Lower Upper
101 100
103 66.2 51.8 77.8

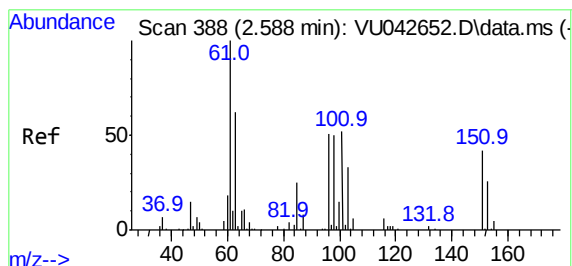
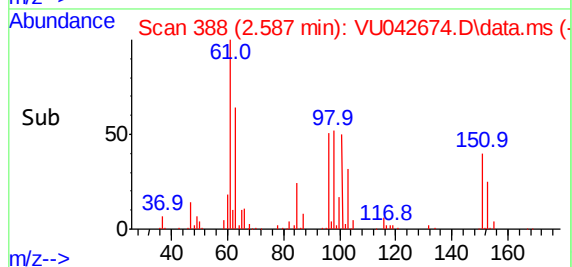
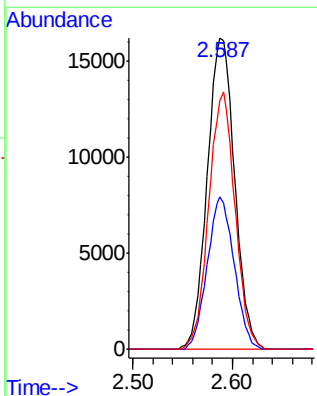
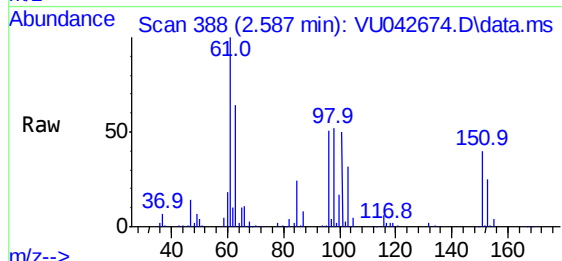




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.94 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042674.D
 Acq: 15 Mar 2021 19:20

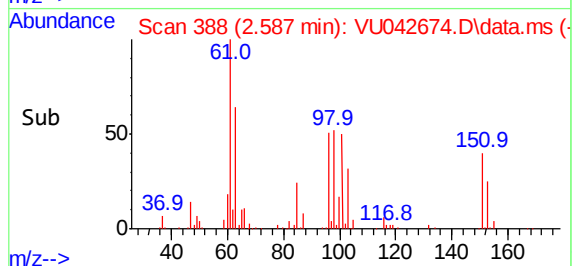
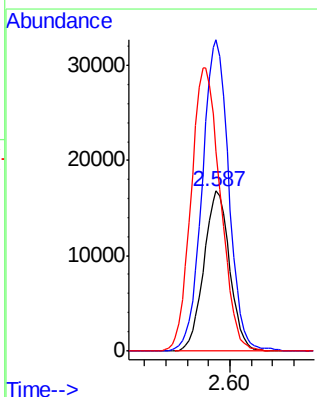
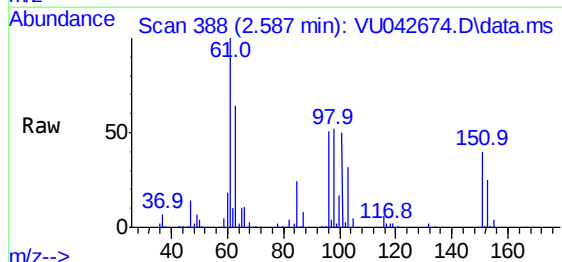
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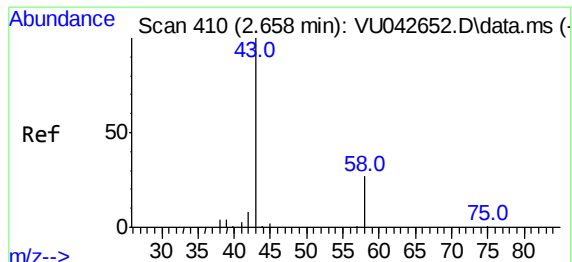
Tgt Ion:101 Resp: 30908
 Ion Ratio Lower Upper
 101 100
 85 47.8 34.6 51.8
 151 79.1 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 4.76 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042674.D
 Acq: 15 Mar 2021 19:20

Tgt Ion: 96 Resp: 27669
 Ion Ratio Lower Upper
 96 100
 61 195.2 126.2 234.4
 63 125.6 77.8 144.4





#13

Acetone

Concen: 32.62 ug/L

RT: 2.655 min Scan# 409

Delta R.T. -0.003 min

Lab File: VU042674.D

Acq: 15 Mar 2021 19:20

Instrument :

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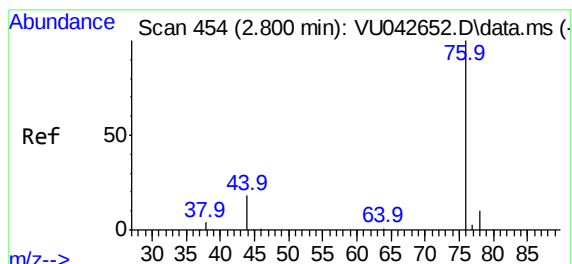
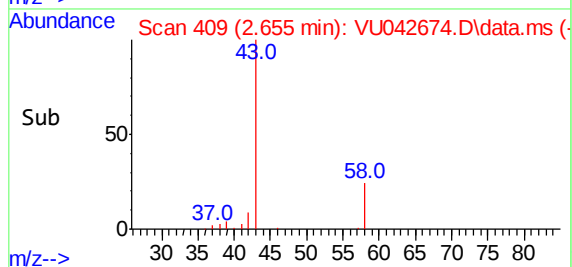
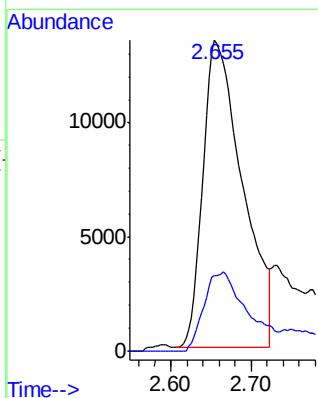
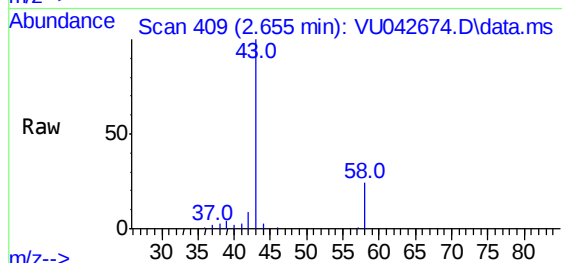
VSTD00530

Tgt Ion: 43 Resp: 45355

Ion Ratio Lower Upper

43 100

58 28.0 0.0 55.8



#14

Carbon disulfide

Concen: 4.23 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU042674.D

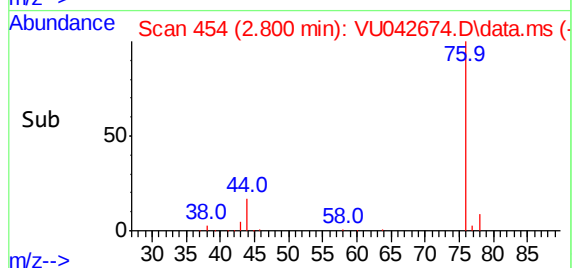
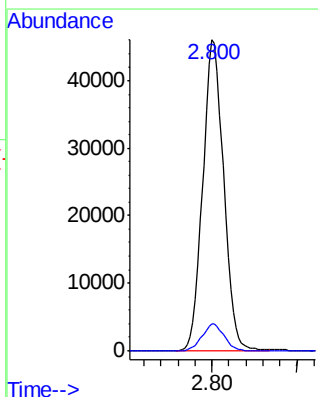
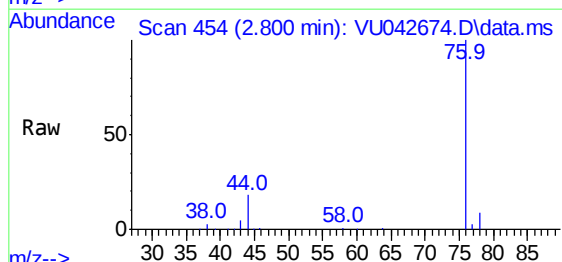
Acq: 15 Mar 2021 19:20

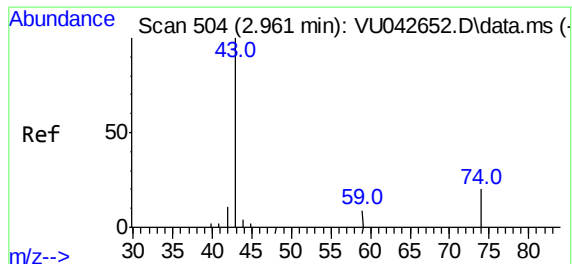
Tgt Ion: 76 Resp: 78319

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

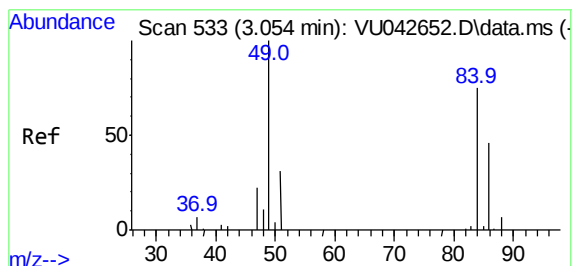
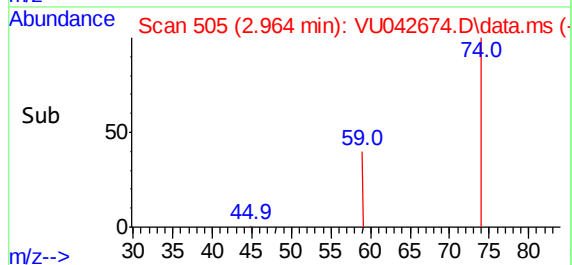
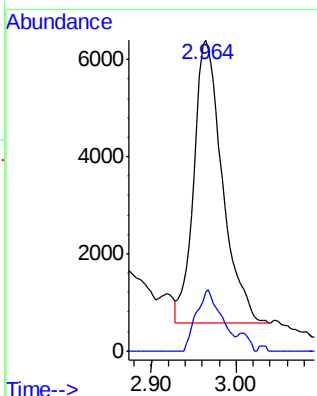
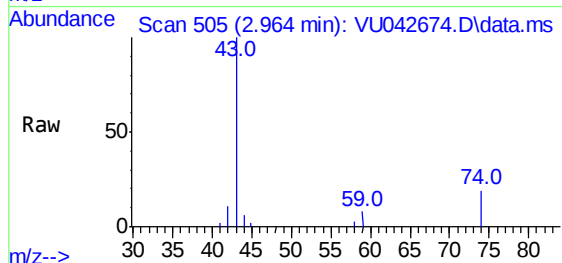




#15
Methyl Acetate
Concen: 3.89 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

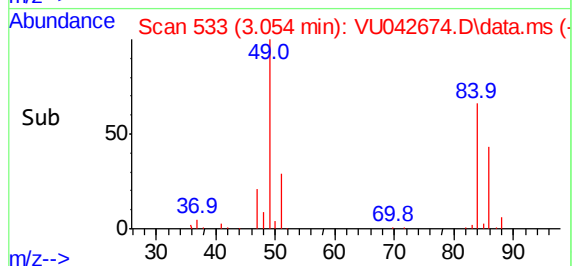
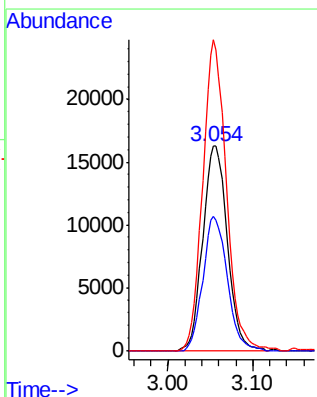
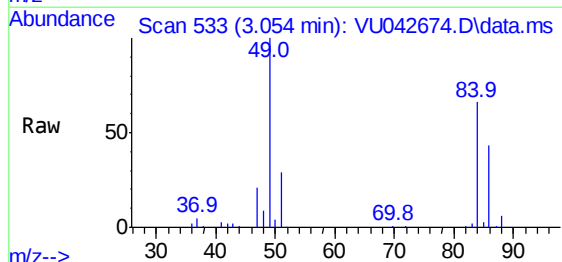
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

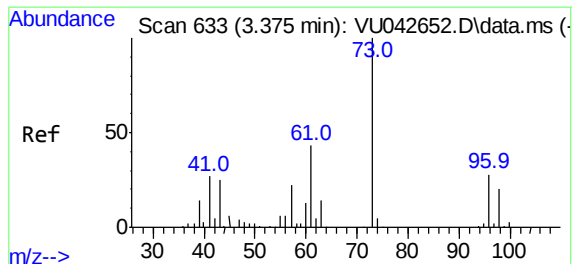
Tgt Ion: 43 Resp: 13448
Ion Ratio Lower Upper
43 100
74 19.1 16.9 25.3



#16
Methylene chloride
Concen: 4.65 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion: 84 Resp: 32350
Ion Ratio Lower Upper
84 100
86 65.9 44.1 81.9
49 152.2 95.0 176.4

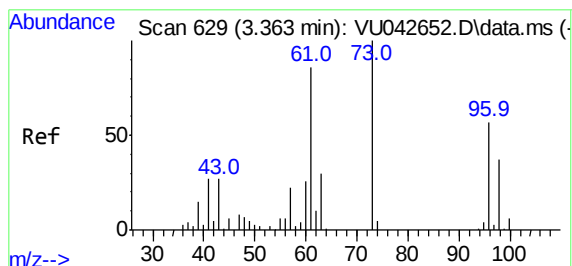
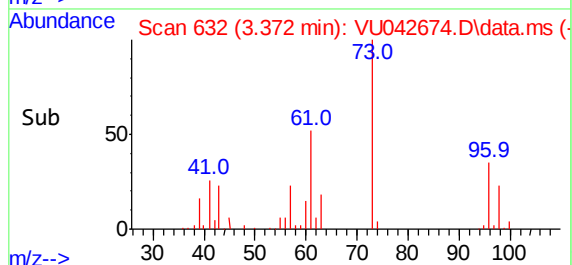
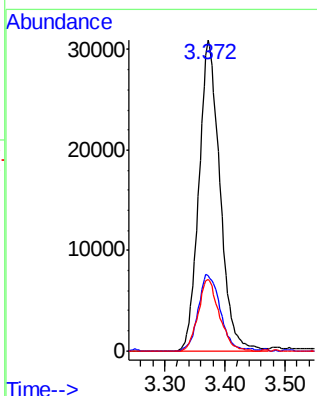
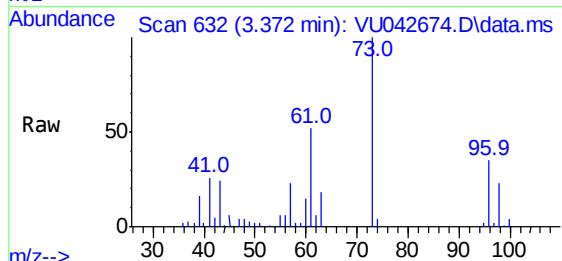




#17
Methyl tert-butyl Ether
Concen: 4.53 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

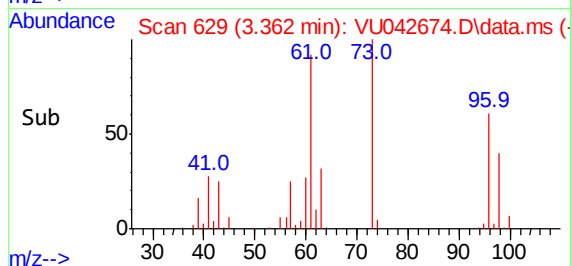
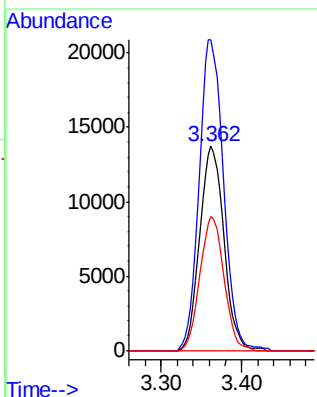
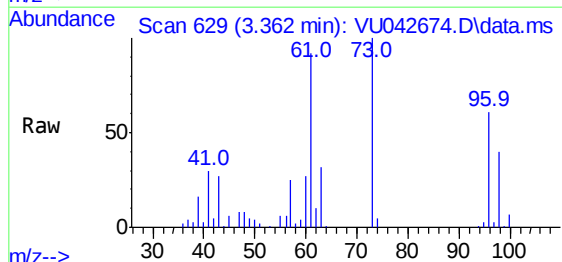
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

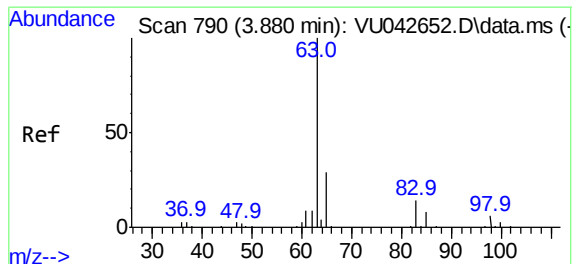
Tgt Ion: 73 Resp: 73940
Ion Ratio Lower Upper
73 100
43 25.6 18.9 28.3
57 23.1 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 4.53 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion: 96 Resp: 27659
Ion Ratio Lower Upper
96 100
61 152.0 105.7 196.3
98 65.5 42.8 79.6

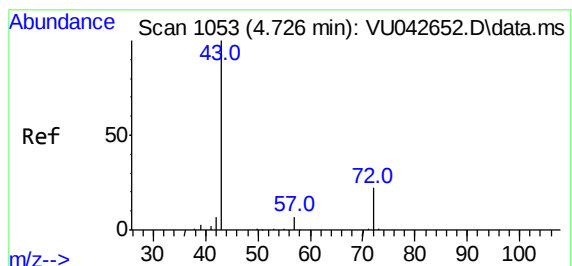
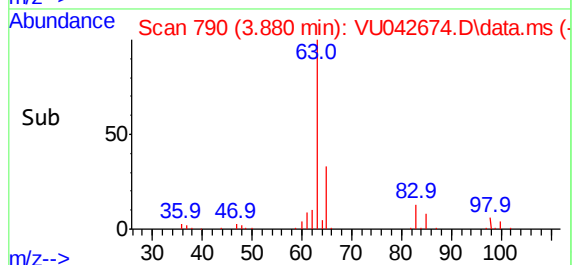
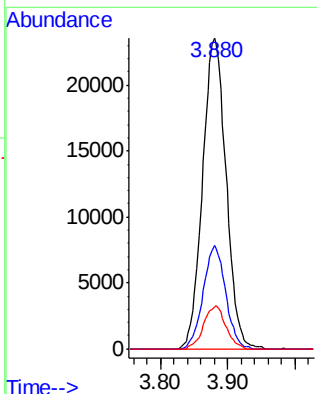
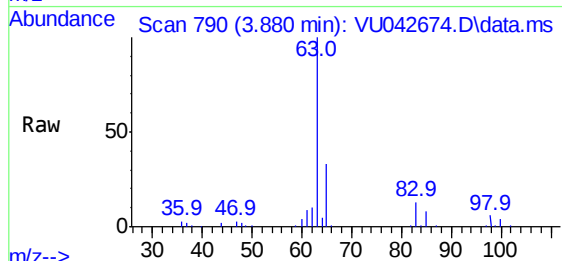




#19
1,1-Dichloroethane
Concen: 4.88 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

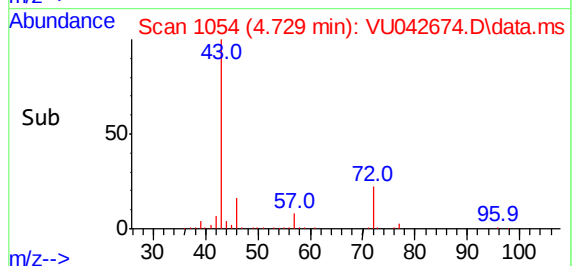
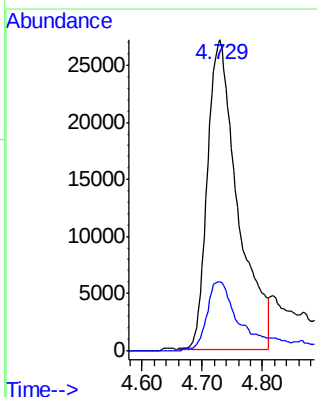
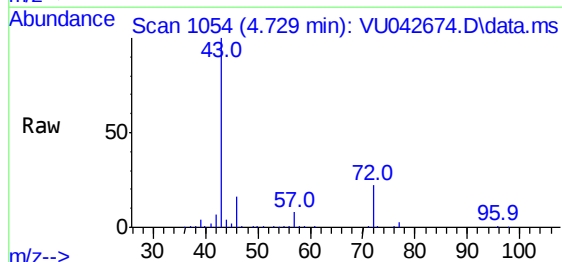
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

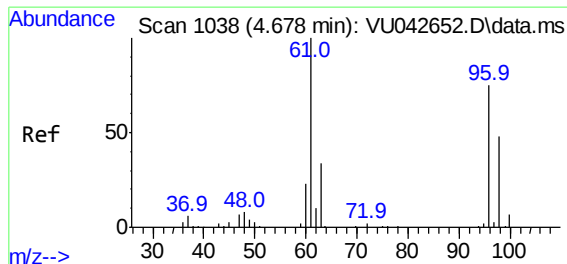
Tgt Ion: 63 Resp: 57427
Ion Ratio Lower Upper
63 100
65 33.1 22.5 41.9
83 13.3 10.1 18.7



#21
2-Butanone
Concen: 39.81 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.003 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion: 43 Resp: 94113
Ion Ratio Lower Upper
43 100
72 25.1 11.7 35.1



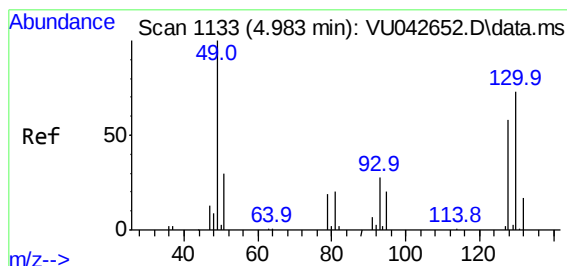
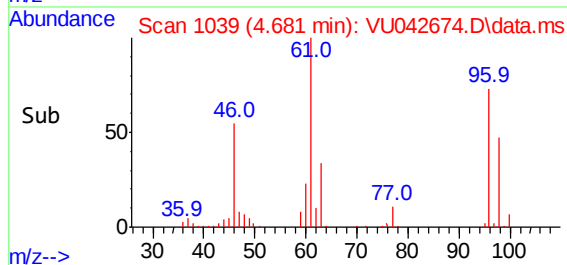
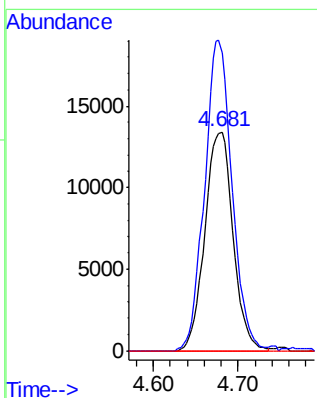
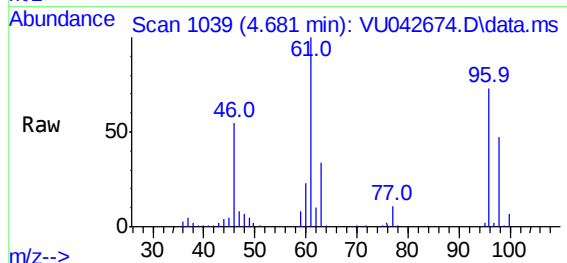


#22
cis-1,2-Dichloroethene
Concen: 4.72 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

Tgt Ion: 96 Resp: 30831

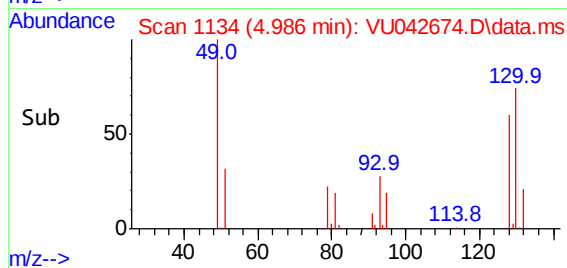
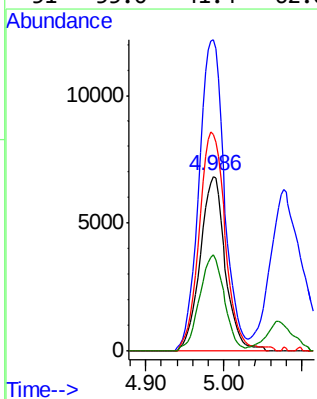
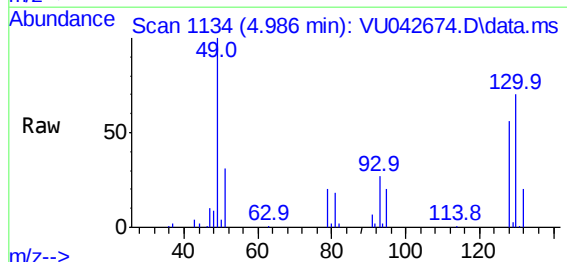
Ion	Ratio	Lower	Upper
96	100		
61	136.6	97.8	181.6
68	0.0	0.0	0.0

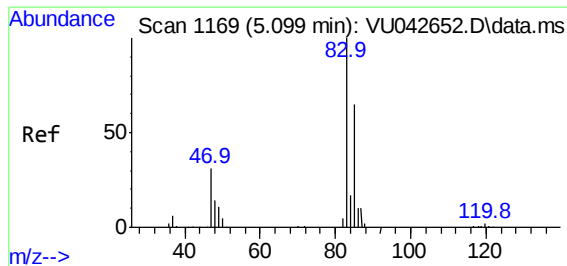


#23
Bromochloromethane
Concen: 4.87 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. 0.003 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion: 128 Resp: 15118

Ion	Ratio	Lower	Upper
128	100		
49	178.3	117.7	218.7
130	124.3	87.9	163.3
51	55.0	41.4	62.0

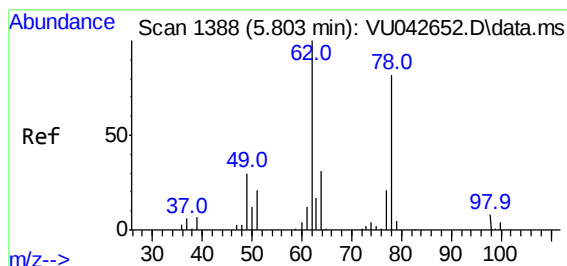
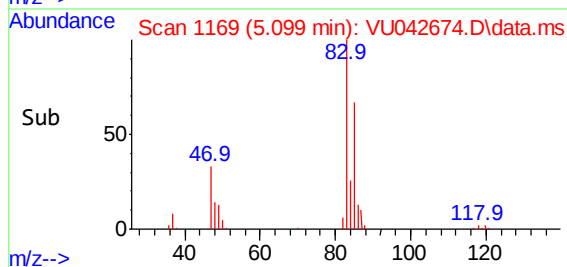
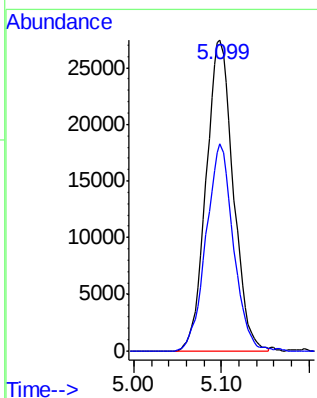
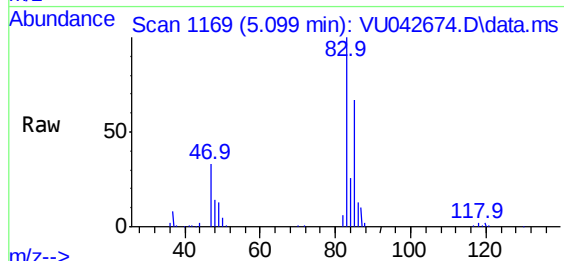




#25
Chloroform
Concen: 4.77 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

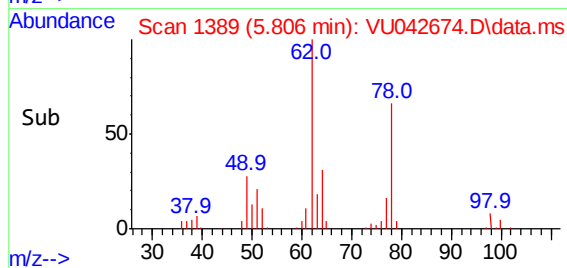
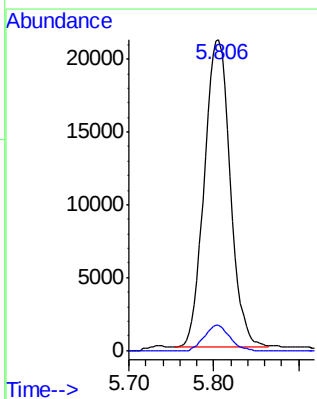
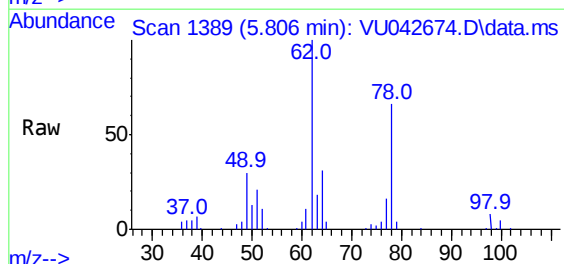
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

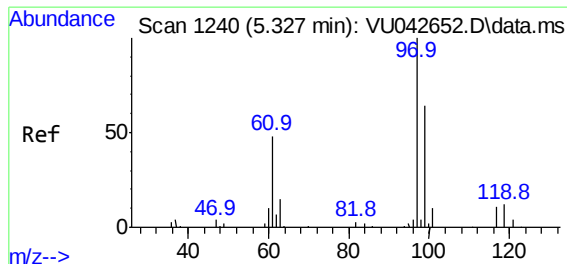
Tgt Ion: 83 Resp: 58995
Ion Ratio Lower Upper
83 100
85 66.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 4.81 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion: 62 Resp: 44665
Ion Ratio Lower Upper
62 100
98 8.1 7.3 10.9

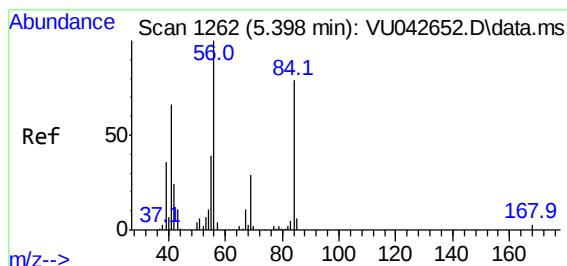
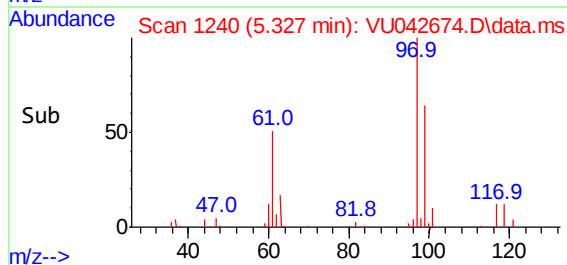
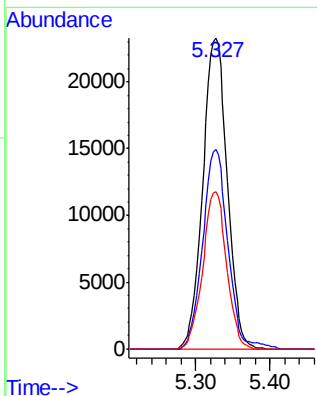
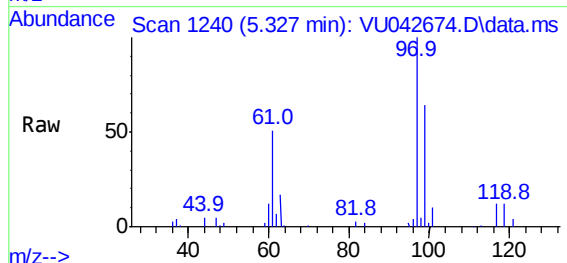




#29
1,1,1-Trichloroethane
Concen: 4.70 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

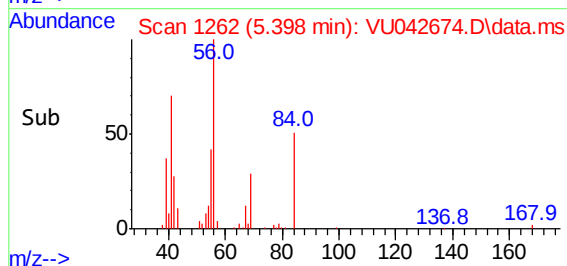
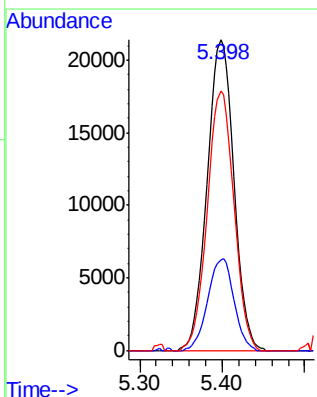
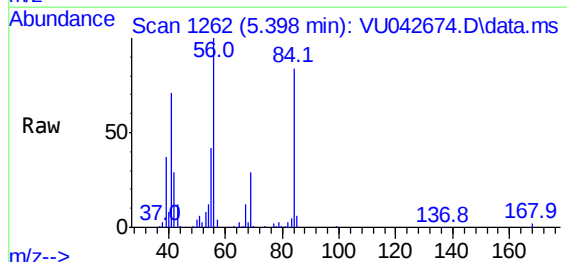
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

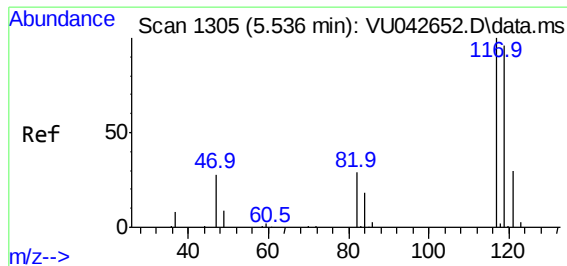
Tgt Ion: 97 Resp: 53424
Ion Ratio Lower Upper
97 100
99 65.9 50.8 76.2
61 49.2 35.8 53.6



#30
Cyclohexane
Concen: 4.21 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion: 56 Resp: 47768
Ion Ratio Lower Upper
56 100
69 28.9 23.7 35.5
84 83.5 65.3 97.9

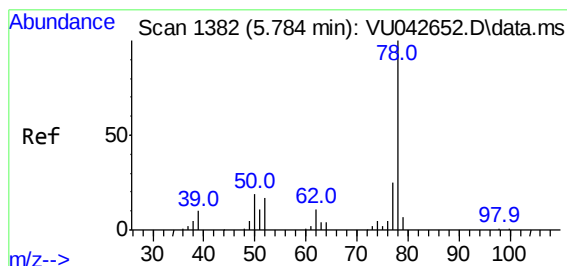
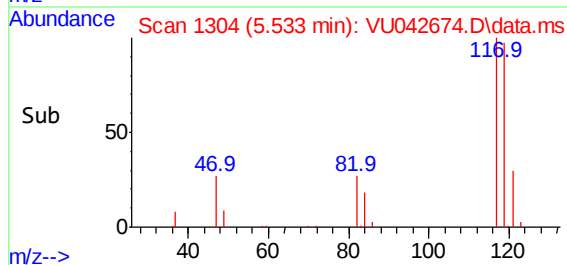
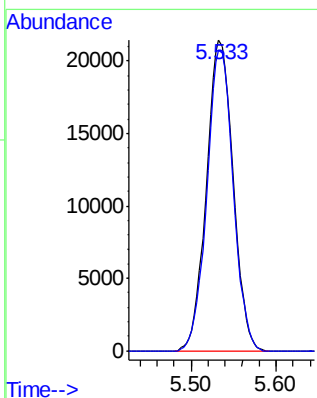
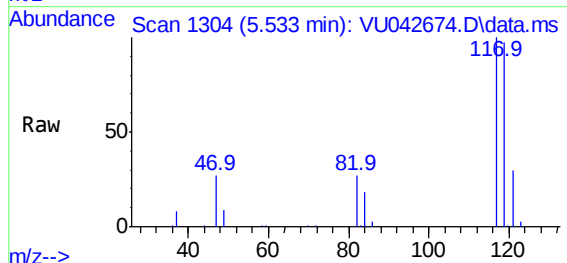




#31
Carbon tetrachloride
Concen: 4.64 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.003 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

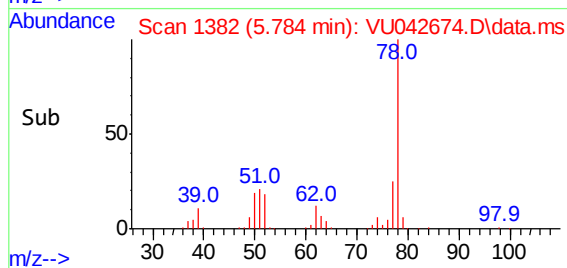
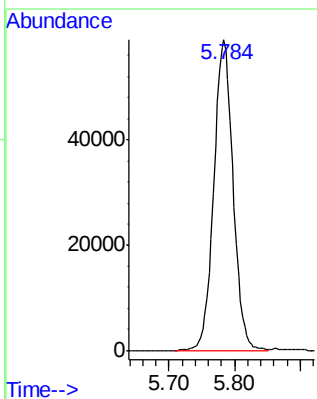
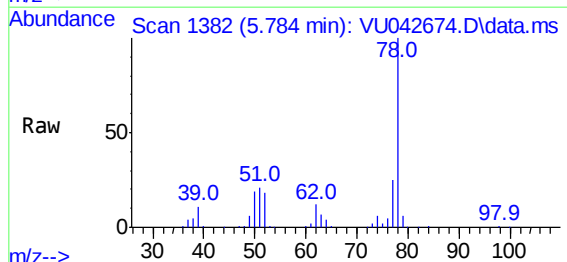
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

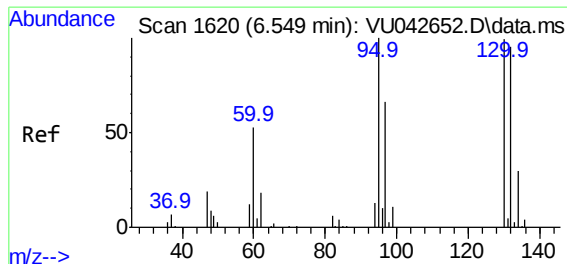
Tgt Ion:117 Resp: 46562
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.4



#33
Benzene
Concen: 4.73 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion: 78 Resp: 121069



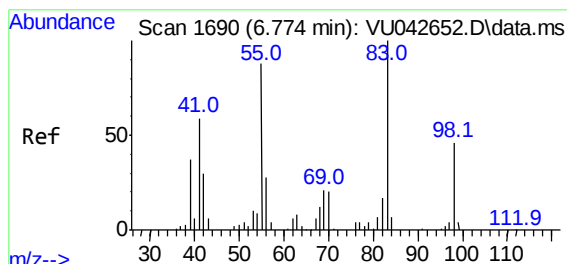
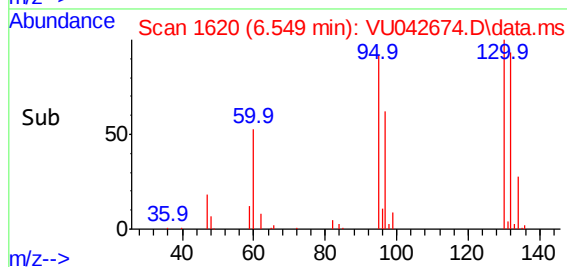
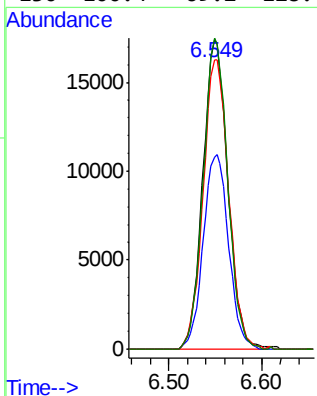
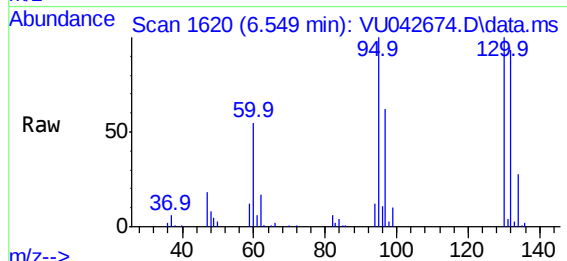


#34
Trichloroethene
Concen: 4.57 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

Tgt Ion: 95 Resp: 32427

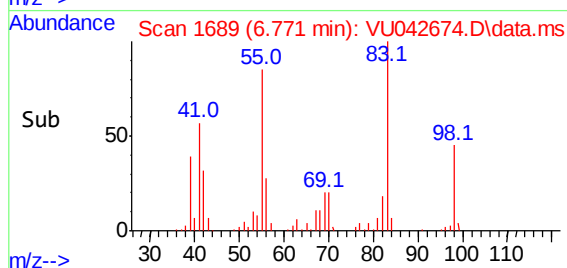
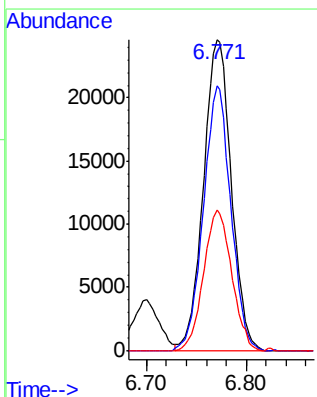
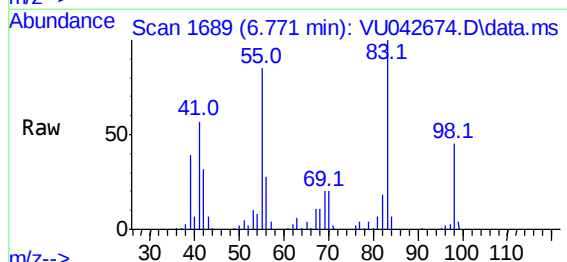
Ion	Ratio	Lower	Upper
95	100		
97	61.9	44.4	82.4
132	93.3	68.0	126.4
130	100.4	69.2	128.4

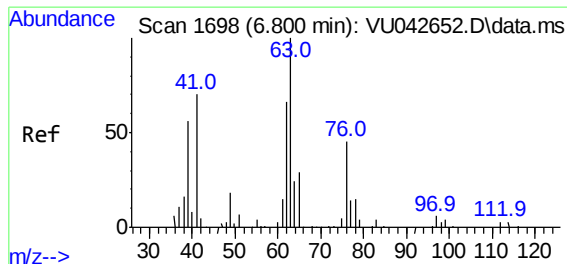


#35
Methylcyclohexane
Concen: 4.40 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion: 83 Resp: 47520

Ion	Ratio	Lower	Upper
83	100		
55	83.9	68.2	102.4
98	45.6	39.7	59.5

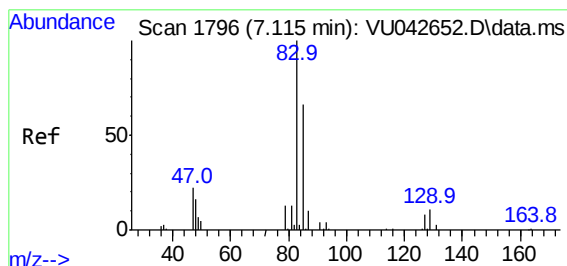
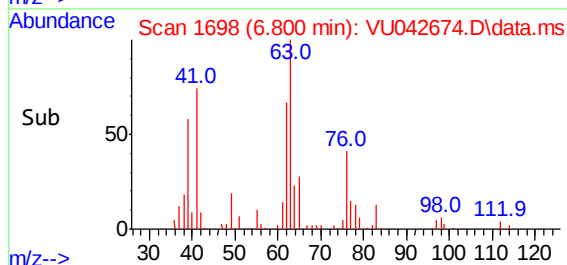
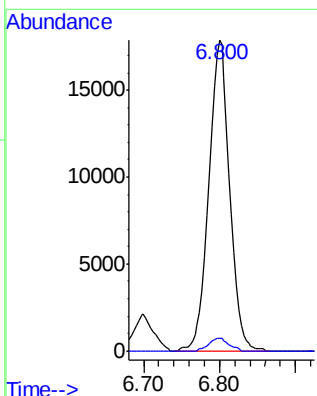
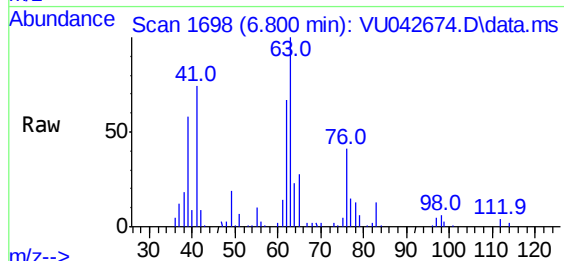




#37
1,2-Dichloropropane
Concen: 4.93 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

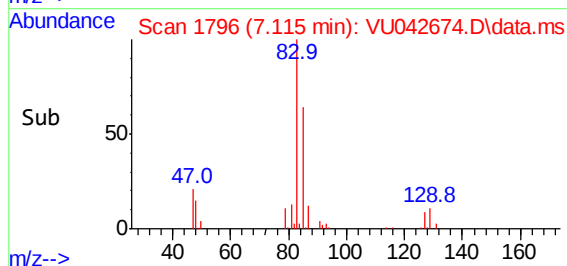
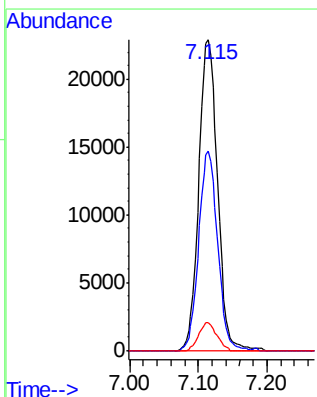
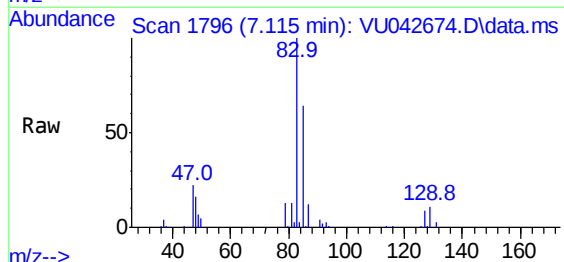
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

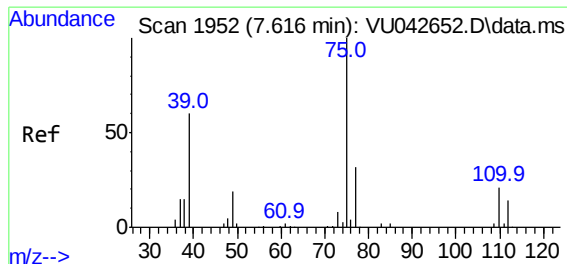
Tgt Ion: 63 Resp: 34069
Ion Ratio Lower Upper
63 100
112 3.8 3.4 5.0



#38
Bromodichloromethane
Concen: 4.79 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion: 83 Resp: 43155
Ion Ratio Lower Upper
83 100
85 64.0 46.0 85.4
127 8.9 6.8 10.2

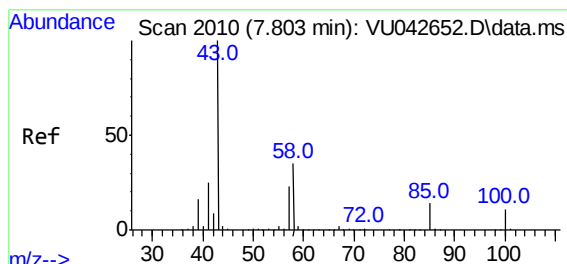
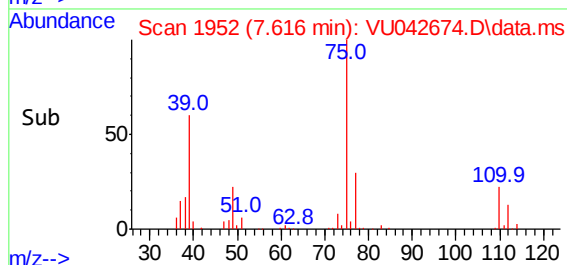
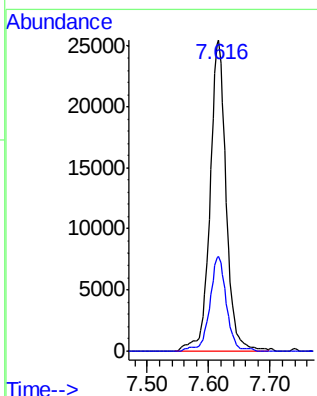
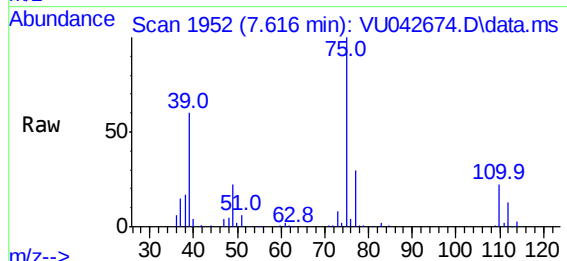




#39
cis-1,3-Dichloropropene
Concen: 4.62 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

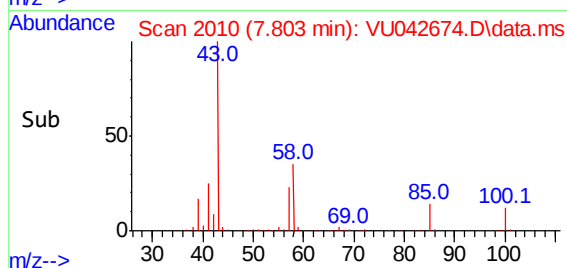
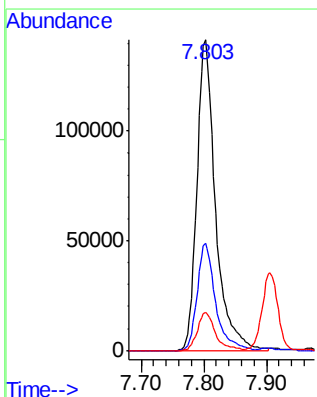
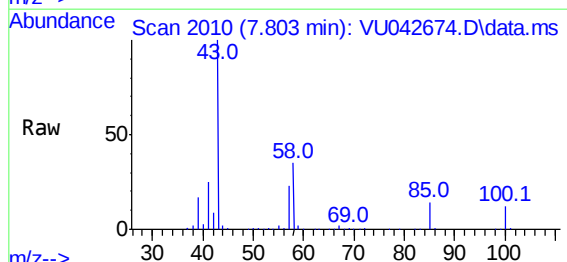
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

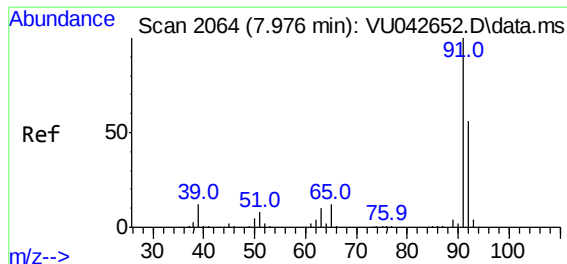
Tgt Ion: 75 Resp: 46503
Ion Ratio Lower Upper
75 100
77 30.3 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 48.20 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion: 43 Resp: 290359
Ion Ratio Lower Upper
43 100
58 34.2 29.1 43.7
100 11.9 11.0 16.4

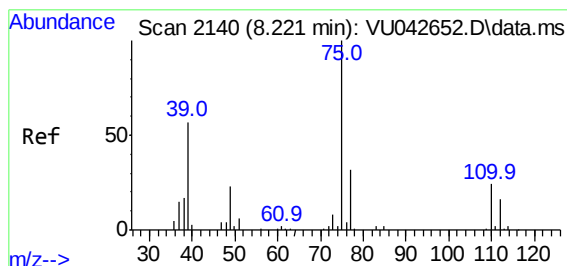
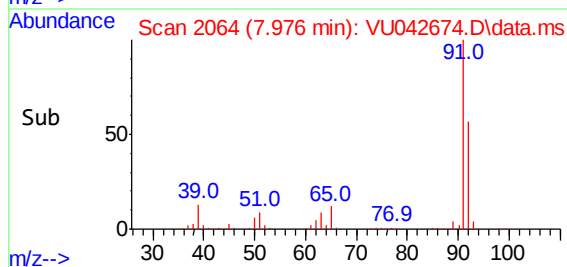
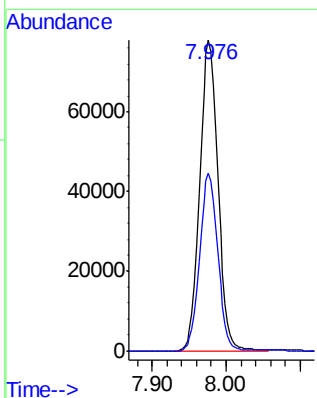
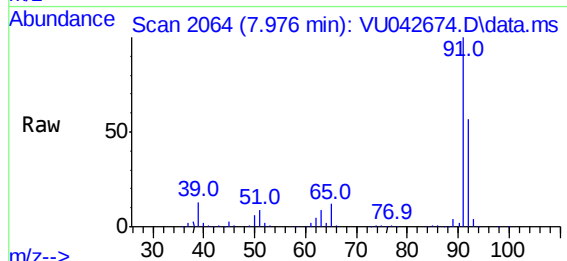




#42
Toluene
Concen: 4.79 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

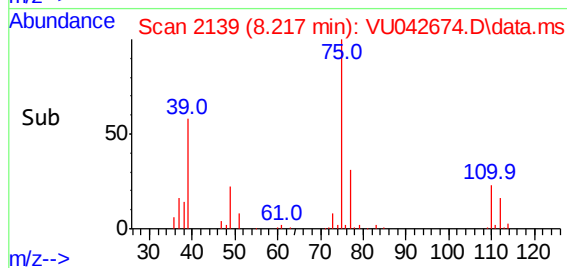
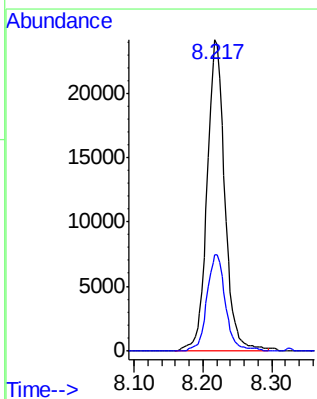
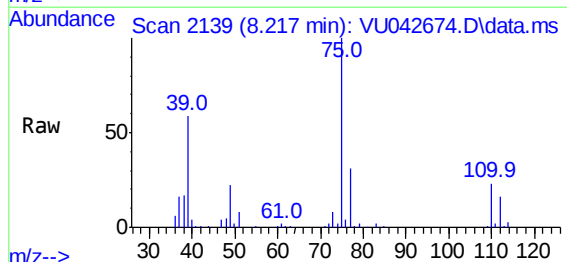
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

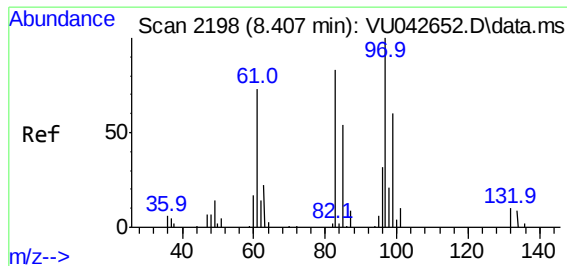
Tgt Ion: 91 Resp: 133691
Ion Ratio Lower Upper
91 100
92 57.0 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 4.60 ug/L
RT: 8.217 min Scan# 2139
Delta R.T. -0.003 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion: 75 Resp: 42697
Ion Ratio Lower Upper
75 100
77 30.6 21.8 40.4



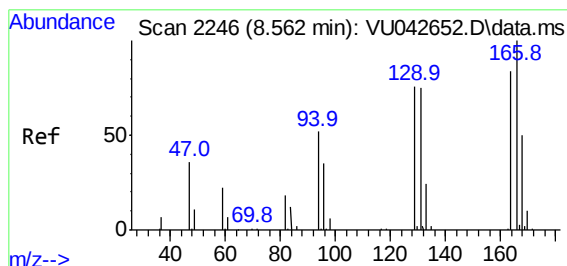
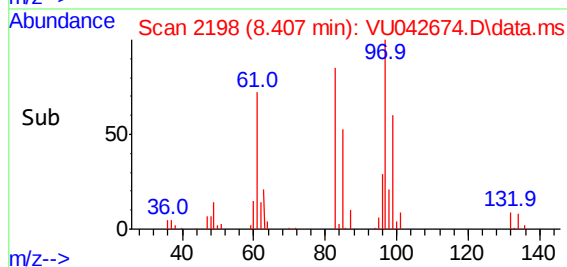
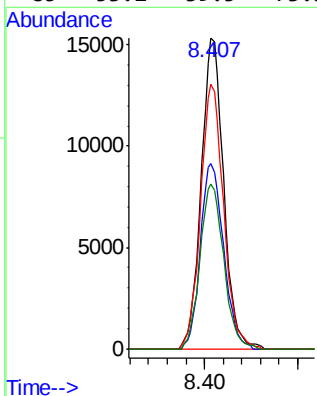
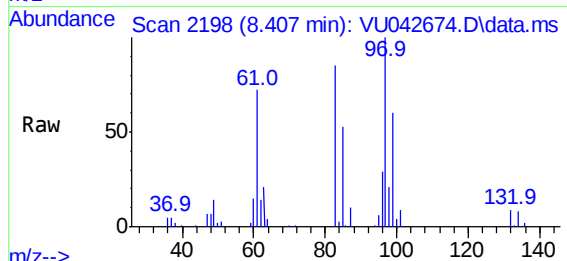


#45
1,1,2-Trichloroethane
Concen: 5.02 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

Tgt Ion: 97 Resp: 25595

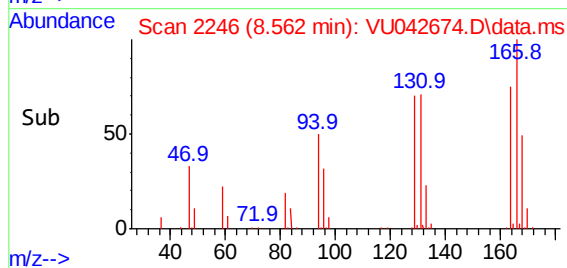
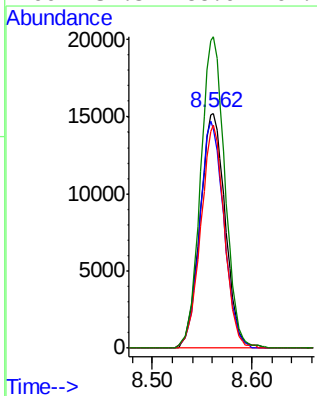
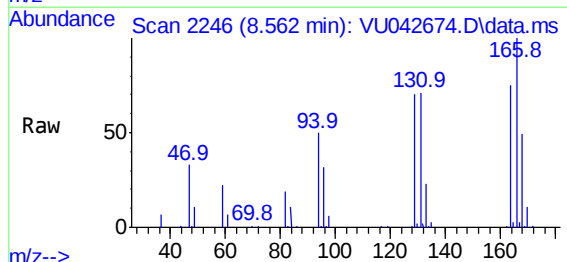
Ion	Ratio	Lower	Upper
97	100		
99	59.8	44.0	81.8
83	85.4	57.6	107.0
85	53.2	39.5	73.3

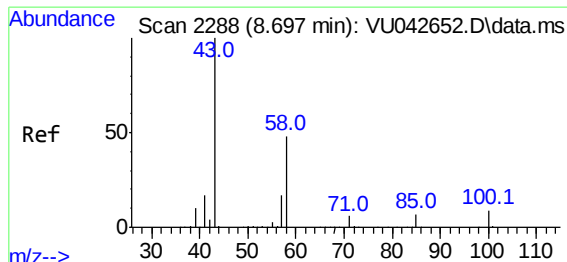


#47
Tetrachloroethene
Concen: 4.58 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion: 164 Resp: 26488

Ion	Ratio	Lower	Upper
164	100		
129	93.1	64.3	119.5
131	94.7	62.2	115.6
166	132.5	88.6	164.6



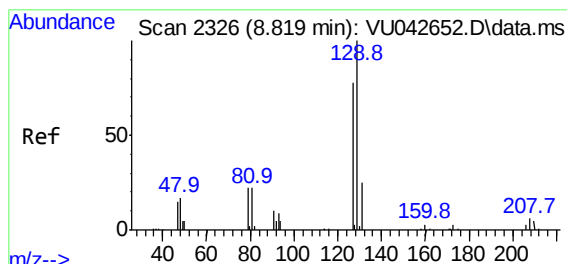
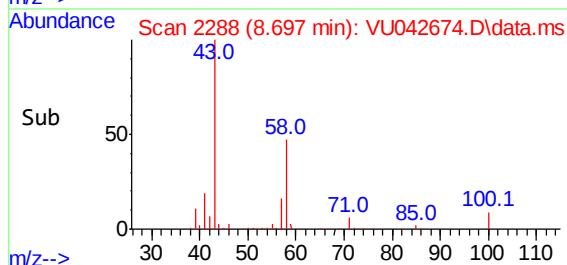
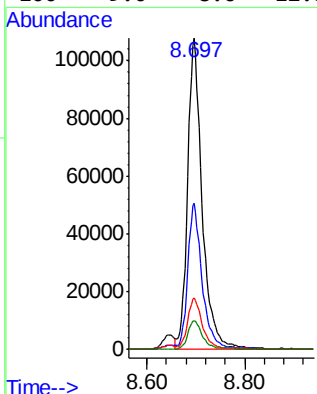
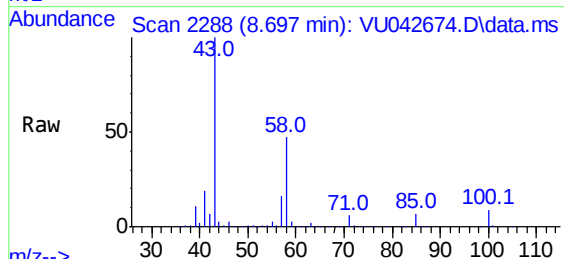


#48
2-Hexanone
Concen: 49.91 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

Tgt Ion: 43 Resp: 221799

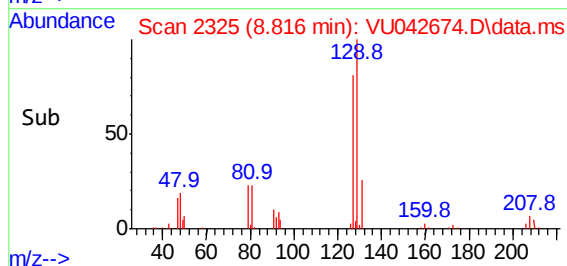
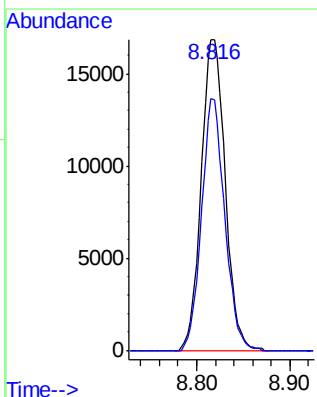
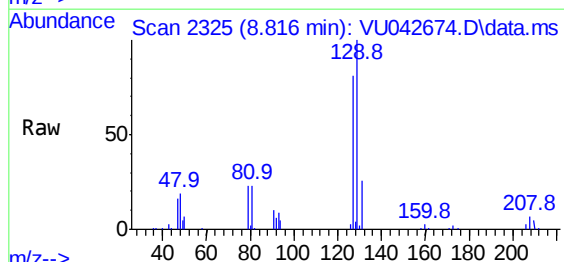
Ion	Ratio	Lower	Upper
43	100		
58	46.4	40.6	61.0
57	16.6	14.9	22.3
100	9.0	8.6	12.8

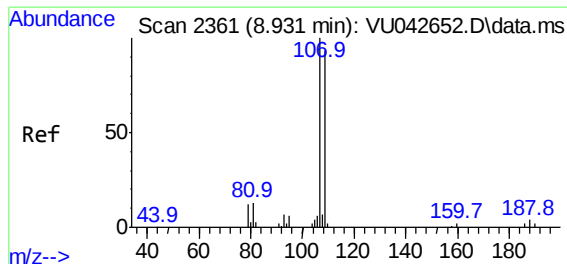


#49
Dibromochloromethane
Concen: 4.72 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion: 129 Resp: 30117

Ion	Ratio	Lower	Upper
129	100		
127	81.0	52.3	97.1

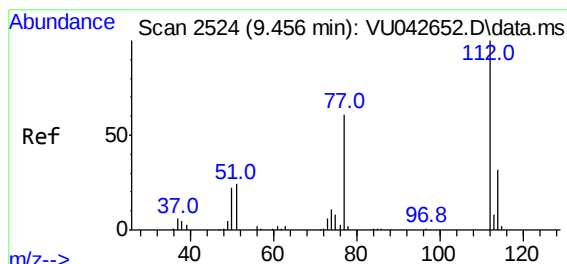
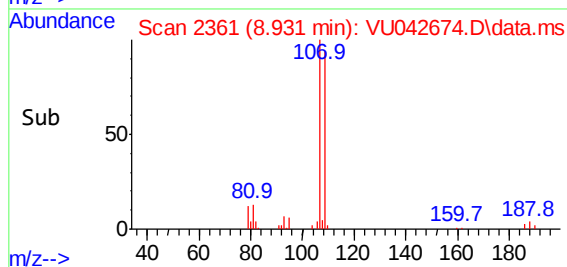
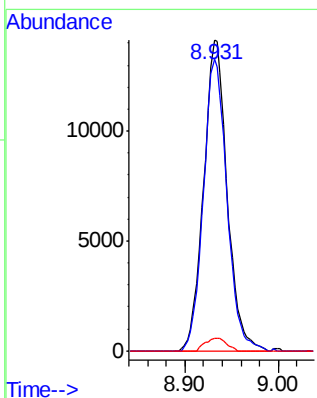
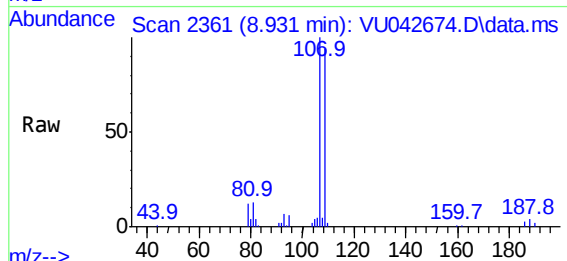




#50
1,2-Dibromoethane
Concen: 4.94 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

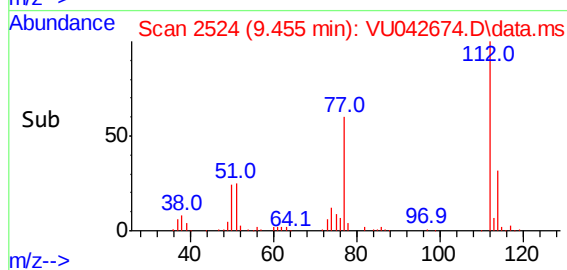
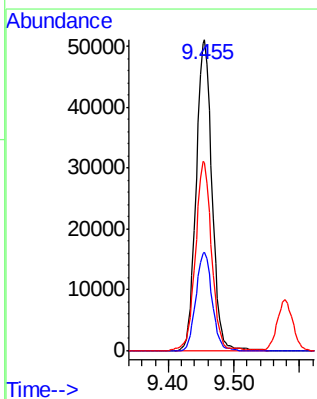
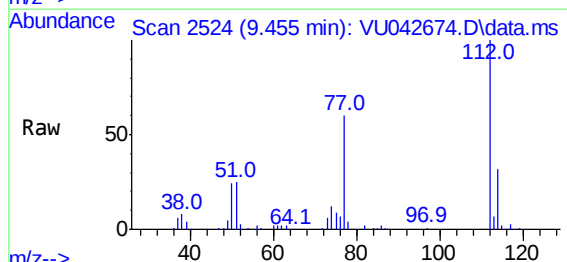
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

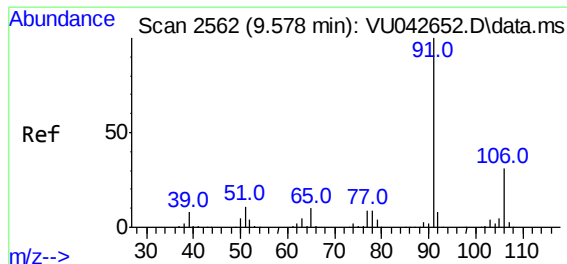
Tgt Ion:107 Resp: 24836
Ion Ratio Lower Upper
107 100
109 94.0 65.5 121.6
188 4.1 3.4 5.2



#51
Chlorobenzene
Concen: 4.72 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion:112 Resp: 84237
Ion Ratio Lower Upper
112 100
114 31.8 22.0 41.0
77 60.3 49.8 74.6

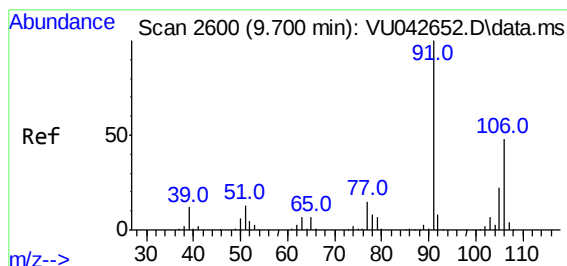
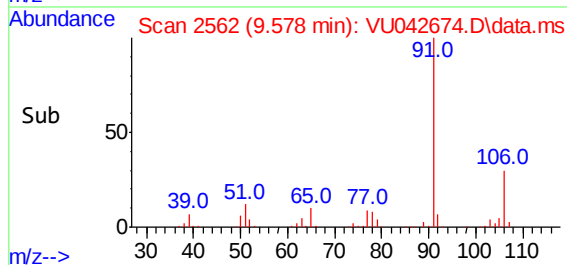
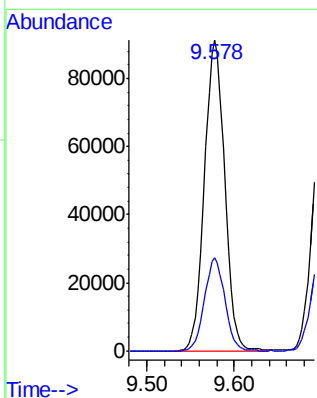
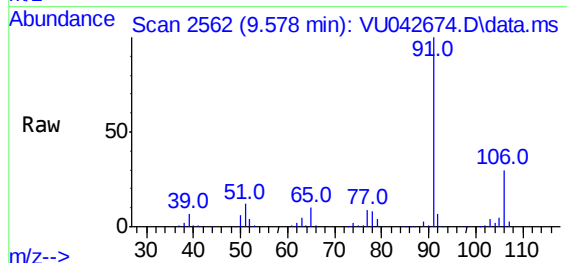




#52
Ethylbenzene
Concen: 4.66 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

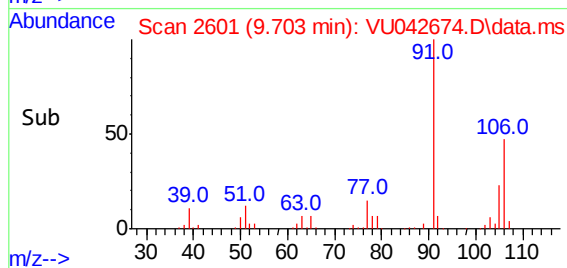
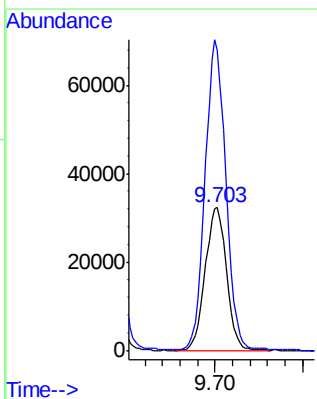
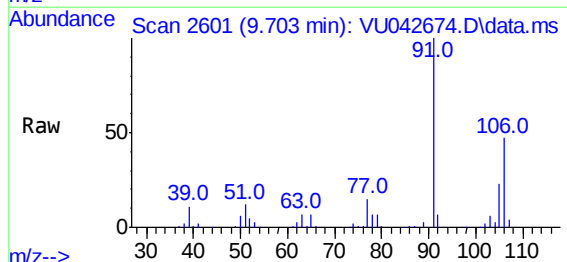
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

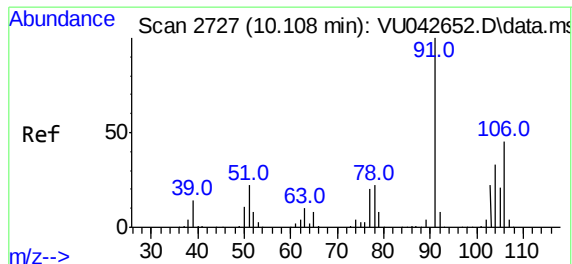
Tgt Ion: 91 Resp: 146497
Ion Ratio Lower Upper
91 100
106 29.9 21.1 39.3



#53
m,p-Xylene
Concen: 4.70 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion:106 Resp: 54668
Ion Ratio Lower Upper
106 100
91 210.7 145.1 269.5

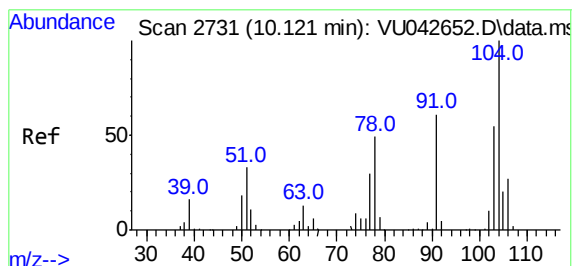
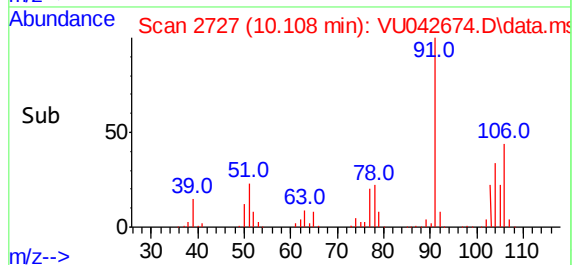
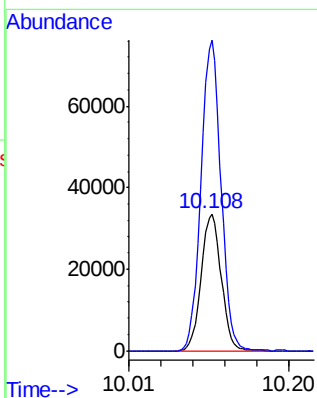
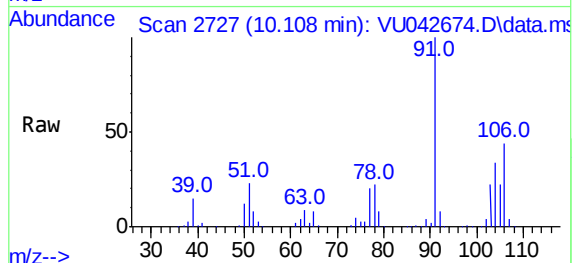




#54
o-Xylene
Concen: 4.71 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

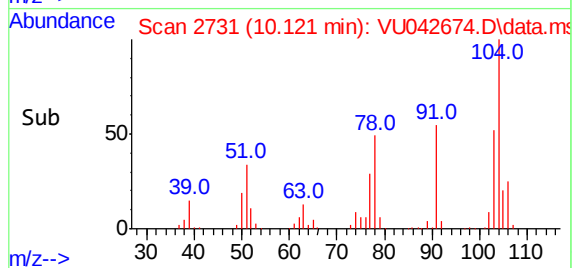
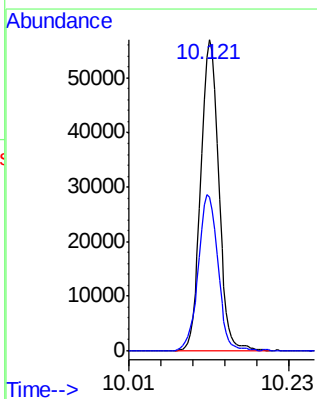
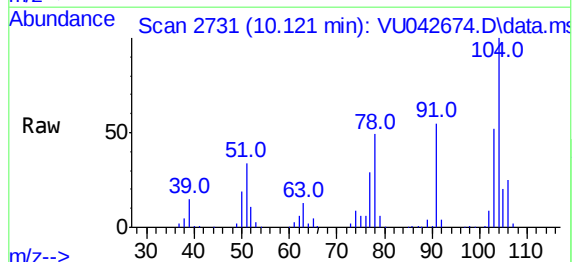
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

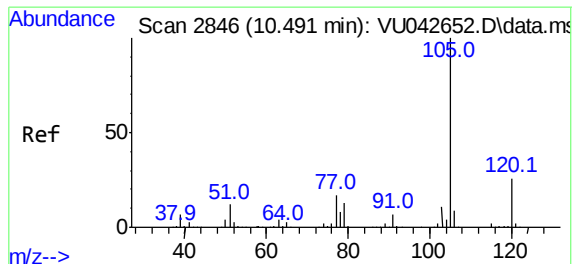
Tgt Ion:106 Resp: 53059
Ion Ratio Lower Upper
106 100
91 226.6 153.0 284.2



#55
Styrene
Concen: 4.83 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion:104 Resp: 92466
Ion Ratio Lower Upper
104 100
78 49.2 34.9 64.7

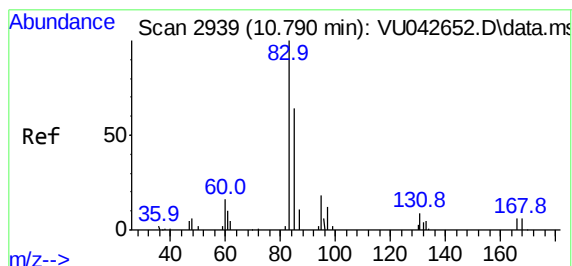
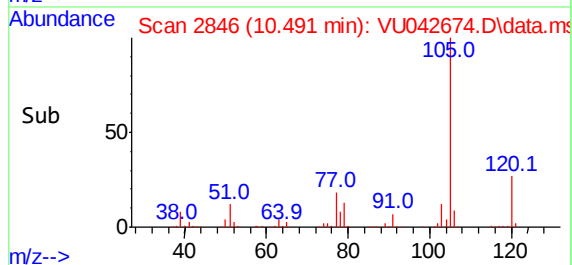
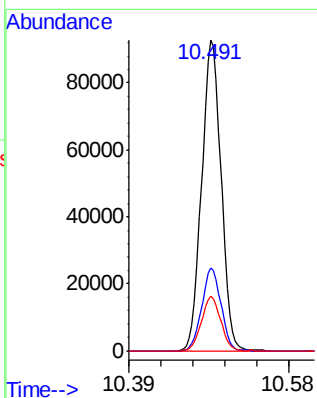
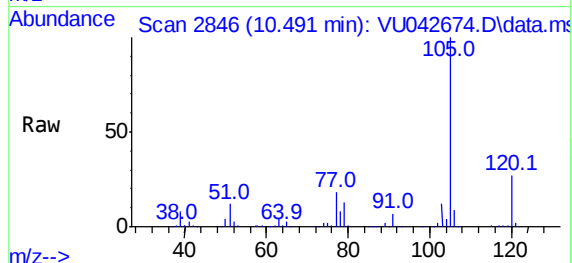




#56
Isopropylbenzene
Concen: 4.75 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

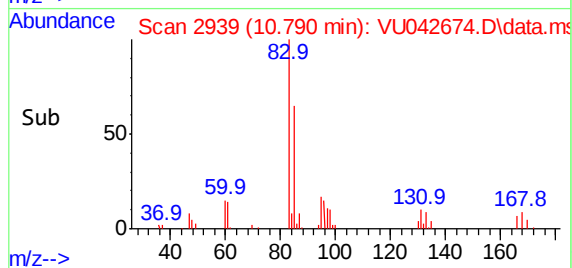
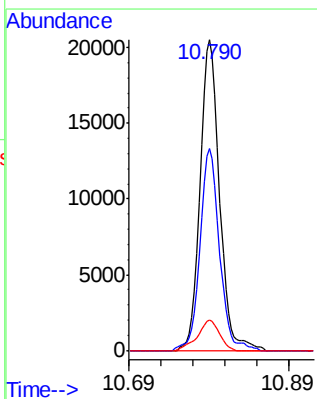
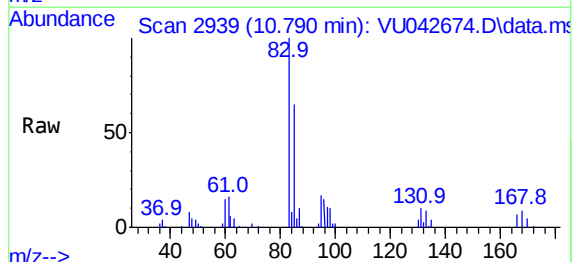
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

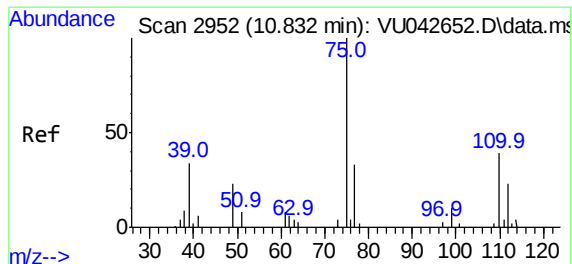
Tgt Ion:105 Resp: 146987
Ion Ratio Lower Upper
105 100
120 26.2 20.8 31.2
77 17.2 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 4.94 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion: 83 Resp: 33719
Ion Ratio Lower Upper
83 100
85 65.2 44.4 82.4
131 9.7 8.6 12.8

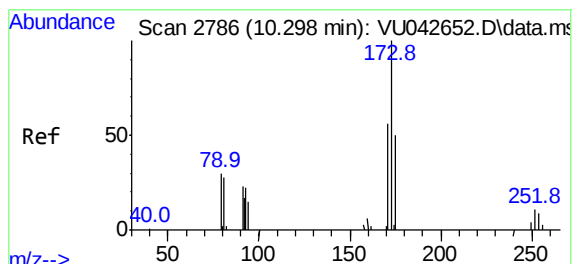
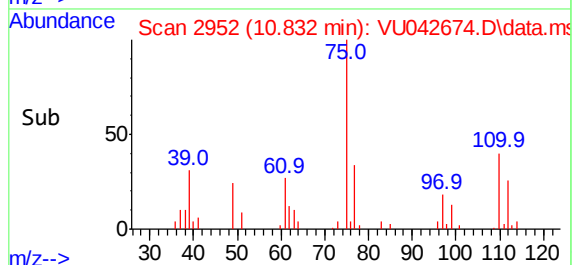
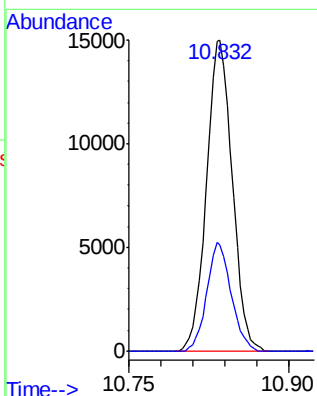
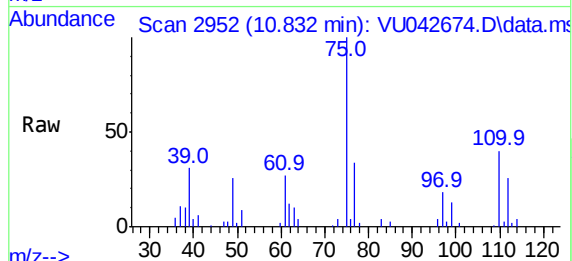




#59
1,2,3-Trichloropropane
Concen: 4.79 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

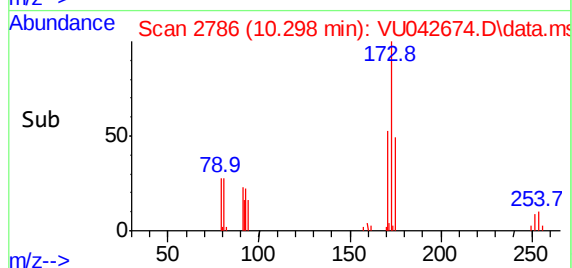
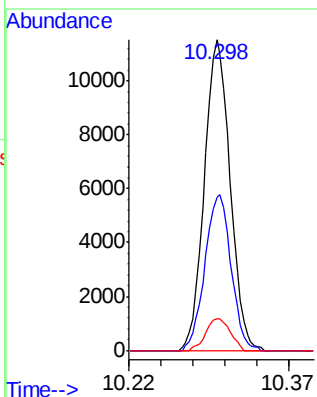
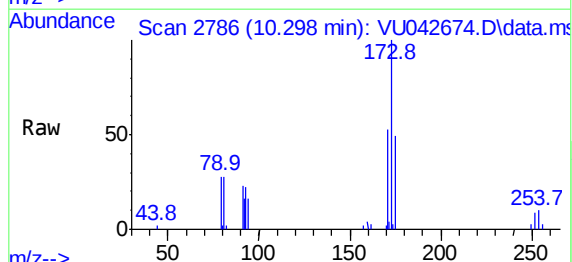
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

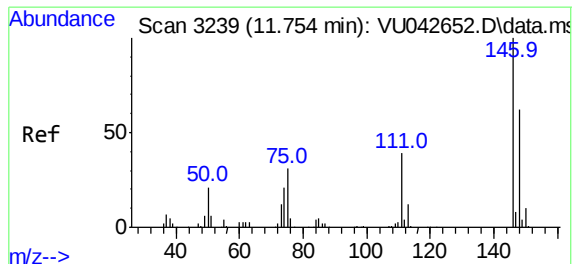
Tgt Ion: 75 Resp: 24892
Ion Ratio Lower Upper
75 100
77 32.8 26.0 39.0



#61
Bromoform
Concen: 4.76 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion: 173 Resp: 19102
Ion Ratio Lower Upper
173 100
175 51.0 38.7 58.1
254 9.7 7.9 11.9

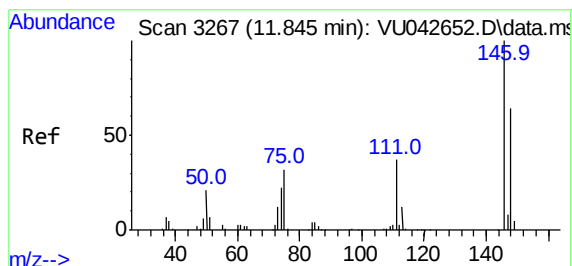
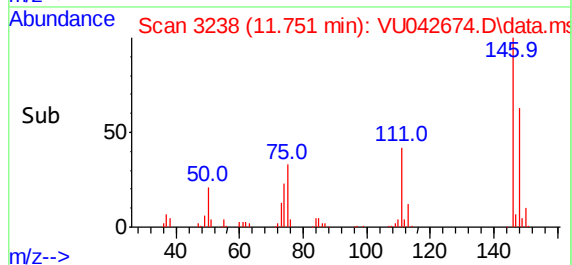
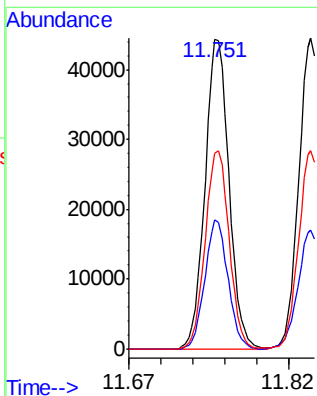
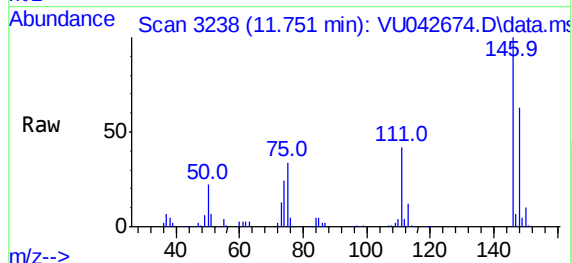




#62
1,3-Dichlorobenzene
Concen: 4.65 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

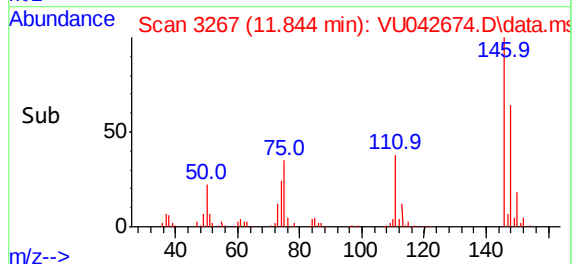
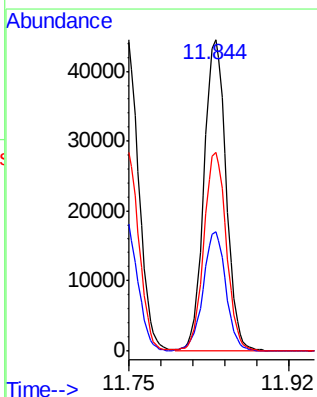
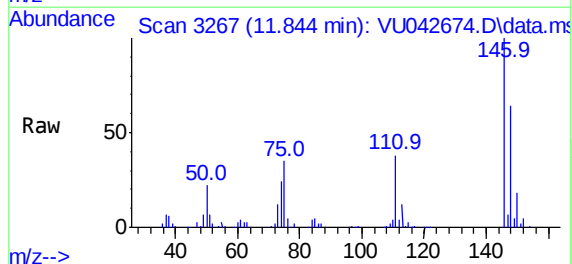
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

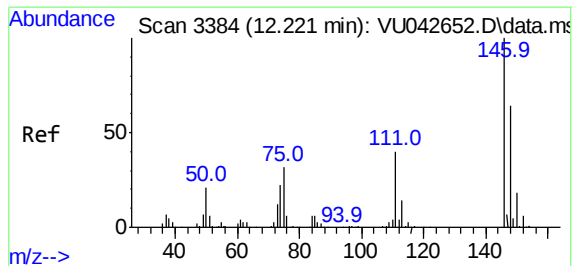
Tgt Ion:146 Resp: 71453
Ion Ratio Lower Upper
146 100
111 41.8 27.2 50.4
148 63.2 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 4.61 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion:146 Resp: 70588
Ion Ratio Lower Upper
146 100
111 38.0 25.8 47.8
148 63.9 44.1 81.9

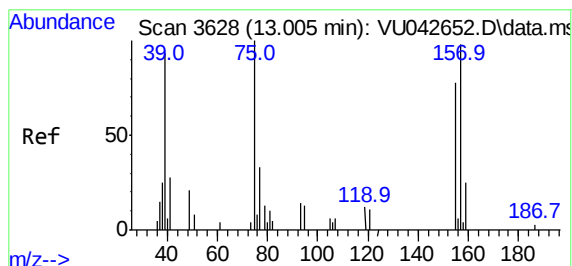
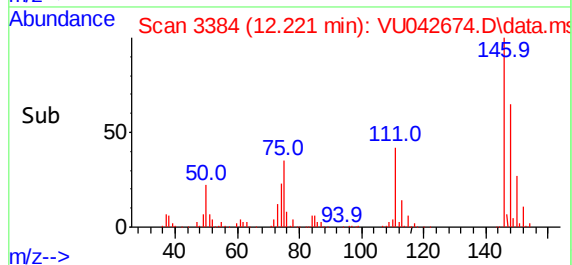
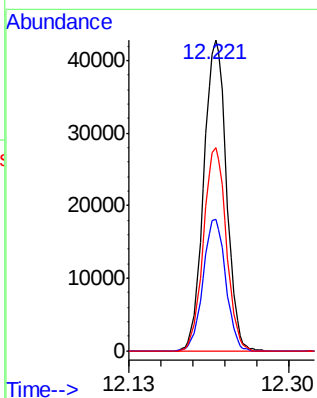
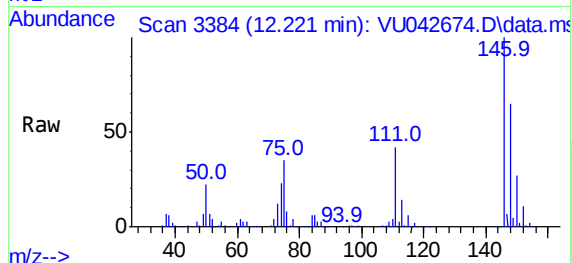




#65
1,2-Dichlorobenzene
Concen: 4.70 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

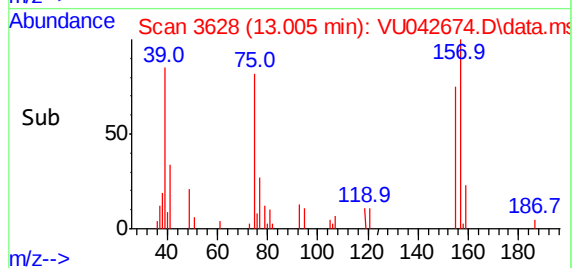
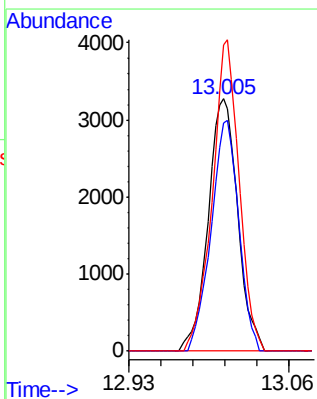
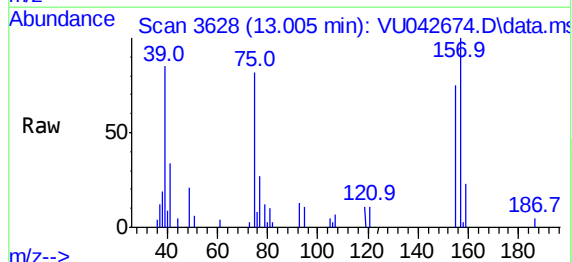
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

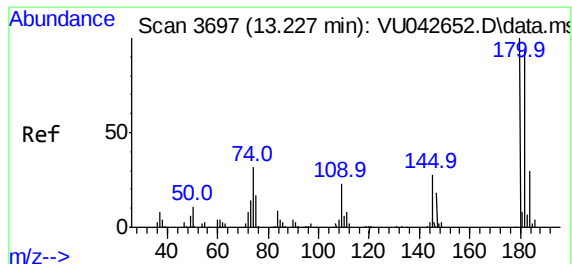
Tgt Ion:146 Resp: 69476
Ion Ratio Lower Upper
146 100
111 42.2 32.7 49.1
148 65.3 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 4.28 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion: 75 Resp: 5317
Ion Ratio Lower Upper
75 100
155 90.5 69.0 103.6
157 121.3 91.0 136.6

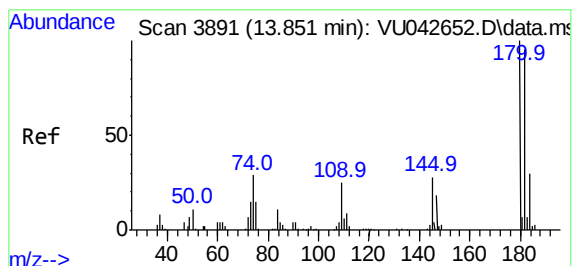
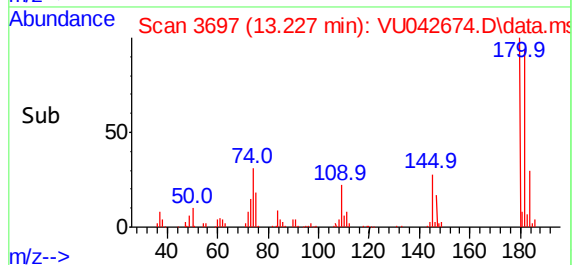
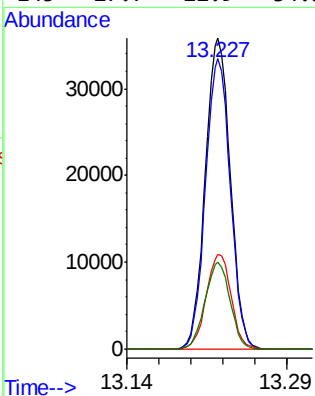
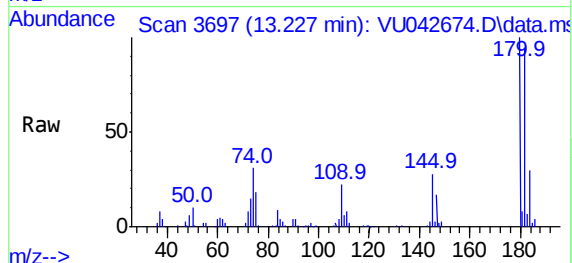




#67
1,3,5-Trichlorobenzene
Concen: 4.33 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

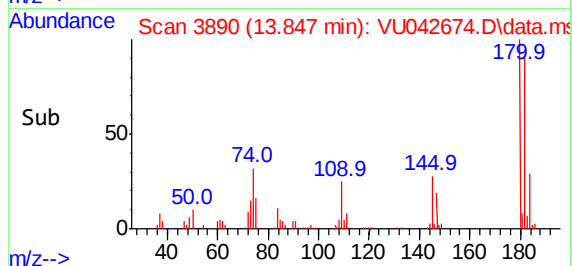
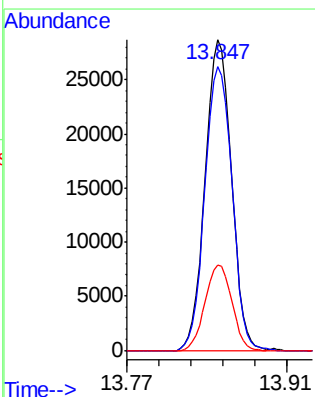
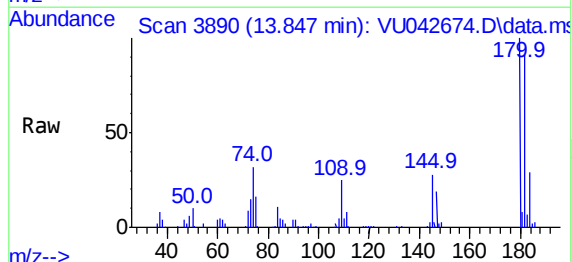
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

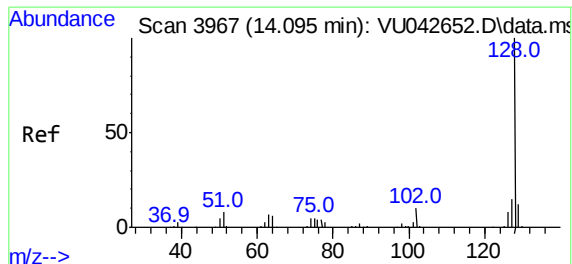
Tgt Ion:180 Resp: 57602
Ion Ratio Lower Upper
180 100
182 92.7 76.4 114.6
184 30.2 23.9 35.9
145 27.7 22.9 34.3



#68
1,2,4-trichlorobenzene
Concen: 4.09 ug/L
RT: 13.847 min Scan# 3890
Delta R.T. -0.003 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion:180 Resp: 45048
Ion Ratio Lower Upper
180 100
182 94.7 76.3 114.5
145 28.1 23.7 35.5

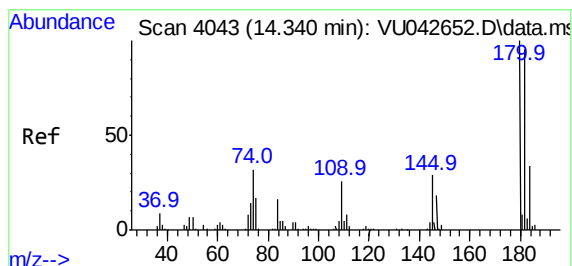
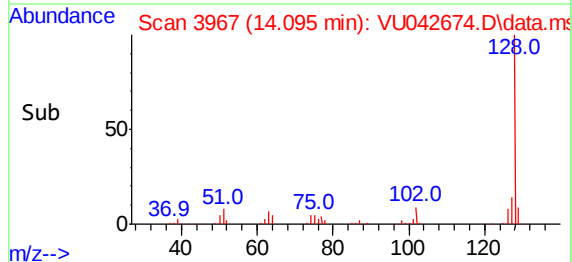
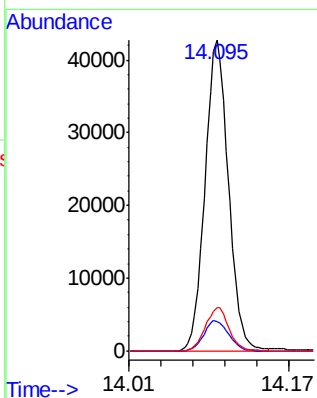
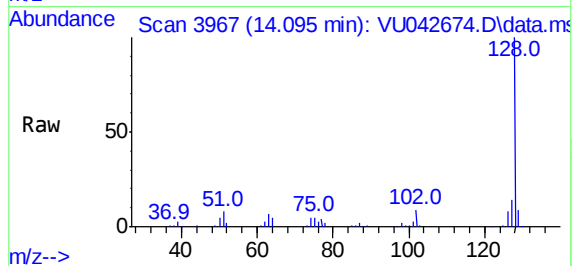




#69
Naphthalene
Concen: 3.88 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

Tgt Ion:128 Resp: 69512
Ion Ratio Lower Upper
128 100
129 10.3 8.7 13.1
127 14.0 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 4.26 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU042674.D
Acq: 15 Mar 2021 19:20

Tgt Ion:180 Resp: 42614
Ion Ratio Lower Upper
180 100
182 94.7 75.6 113.4
145 30.1 24.7 37.1

