

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020821\
 Data File : VU042292.D
 Acq On : 08 Feb 2021 13:24
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

Quant Time: Feb 09 00:20:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 09 00:18:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	90370	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	86044	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	47439	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	26806	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.919	69	23687	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.575	63	68054	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.00%
20) 2-Butanone-d5	4.649	46	127196	59.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.60%
24) Chloroform-d	5.076	84	67028	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
26) 1,2-Dichloroethane-d4	5.713	65	40738	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
32) Benzene-d6	5.739	84	117807	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.700	67	39340	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.906	98	109772	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloroprop...	8.189	79	17417	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.645	63	89149	55.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.48%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	34494	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	44926	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	37765	4.44	ug/L	100
3) Chloromethane	1.523	50	34327	4.52	ug/L	99
5) Vinyl chloride	1.607	62	34758	4.78	ug/L	94
6) Bromomethane	1.864	94	19959	4.63	ug/L	97
8) Chloroethane	1.938	64	20201	4.79	ug/L	99
9) Trichlorofluoromethane	2.144	101	54555	5.53	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	34072	5.35	ug/L	99
12) 1,1-Dichloroethene	2.588	96	29823	4.87	ug/L	85
13) Acetone	2.658	43	78604	55.48	ug/L	85
14) Carbon disulfide	2.800	76	91719	4.51	ug/L	99
15) Methyl Acetate	2.964	43	15836	4.74	ug/L	95
16) Methylene chloride	3.054	84	33780	4.68	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	90476	5.10	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	31462	4.83	ug/L	97
19) 1,1-Dichloroethane	3.880	63	63848	5.30	ug/L	98
21) 2-Butanone	4.729	43	131562	55.43	ug/L	96
22) cis-1,2-Dichloroethene	4.678	96	35185	5.06	ug/L	98
23) Bromochloromethane	4.986	128	16657	5.19	ug/L	94
25) Chloroform	5.099	83	64992	5.23	ug/L	100
27) 1,2-Dichloroethane	5.803	62	49749	5.65	ug/L	96

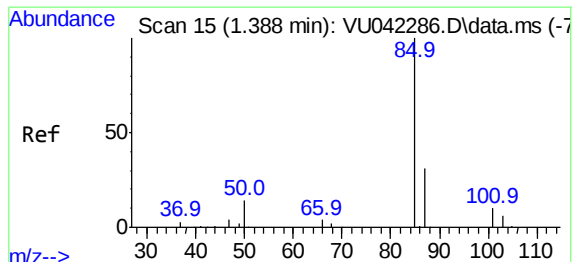
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020821\
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 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 09 00:18:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.327	97	59336	5.23	ug/L	97
30) Cyclohexane	5.398	56	58800	4.83	ug/L	98
31) Carbon tetrachloride	5.536	117	51762	5.18	ug/L	100
33) Benzene	5.784	78	132724	5.24	ug/L	100
34) Trichloroethene	6.552	95	36667	5.37	ug/L	98
35) Methylcyclohexane	6.771	83	56539	4.94	ug/L	97
37) 1,2-Dichloropropane	6.800	63	36895	5.53	ug/L	99
38) Bromodichloromethane	7.115	83	48656	5.28	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	55525	5.06	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	315627	55.34	ug/L	97
42) Toluene	7.976	91	144170	5.26	ug/L	99
44) trans-1,3-Dichloropropene	8.221	75	49974	4.97	ug/L	97
45) 1,1,2-Trichloroethane	8.410	97	26860	5.44	ug/L	97
47) Tetrachloroethene	8.562	164	28783	5.07	ug/L	99
48) 2-Hexanone	8.697	43	233830	58.97	ug/L	96
49) Dibromochloromethane	8.819	129	34137	5.20	ug/L	95
50) 1,2-Dibromoethane	8.931	107	26712	5.24	ug/L #	100
51) Chlorobenzene	9.455	112	91564	5.22	ug/L	98
52) Ethylbenzene	9.578	91	160410	5.11	ug/L	100
53) m,p-Xylene	9.703	106	58896	5.00	ug/L	96
54) o-Xylene	10.108	106	59102	5.18	ug/L	98
55) Styrene	10.124	104	99559	5.07	ug/L	96
56) Isopropylbenzene	10.494	105	161126	5.11	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.793	83	34820	5.52	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	26069	5.54	ug/L	99
61) Bromoform	10.301	173	21187	4.94	ug/L	100
62) 1,3-Dichlorobenzene	11.754	146	75157	5.08	ug/L	98
63) 1,4-Dichlorobenzene	11.844	146	75277	5.08	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	73678	5.35	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	6837	5.56	ug/L	87
67) 1,3,5-Trichlorobenzene	13.227	180	63589	5.37	ug/L	99
68) 1,2,4-trichlorobenzene	13.851	180	51955	5.54	ug/L	99
69) Naphthalene	14.095	128	88435	6.45	ug/L	100
70) 1,2,3-Trichlorobenzene	14.339	180	47439	5.72	ug/L	98

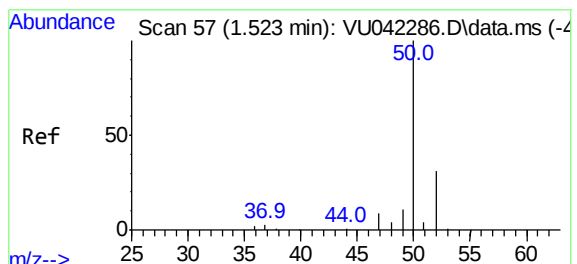
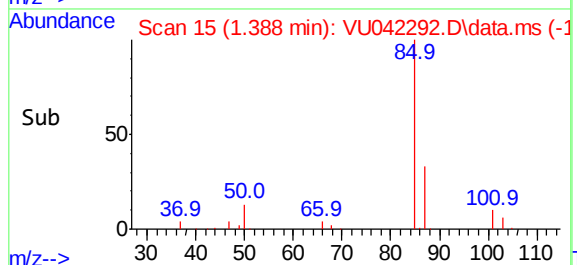
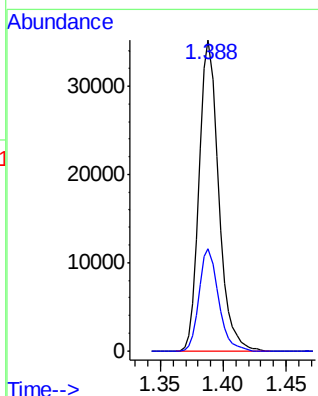
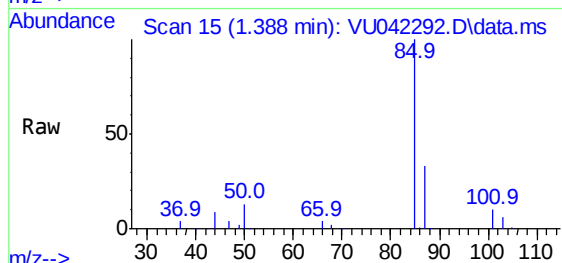
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#2
Dichlorodifluoromethane
Concen: 4.44 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

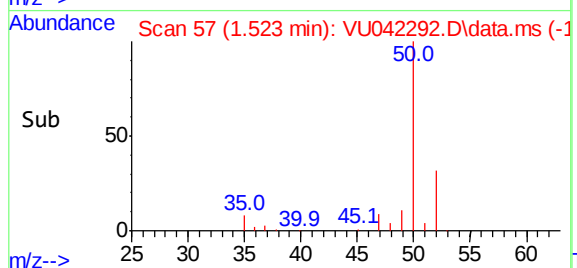
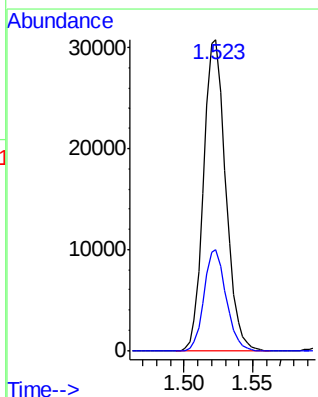
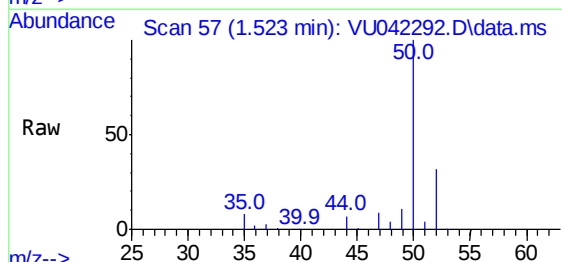
Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

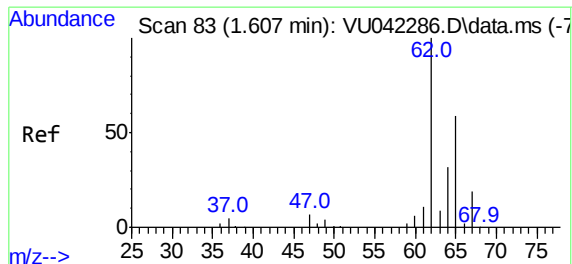
Tgt Ion: 85 Resp: 37765
Ion Ratio Lower Upper
85 100
87 32.5 26.1 39.1



#3
Chloromethane
Concen: 4.52 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 50 Resp: 34327
Ion Ratio Lower Upper
50 100
52 32.4 23.0 42.8

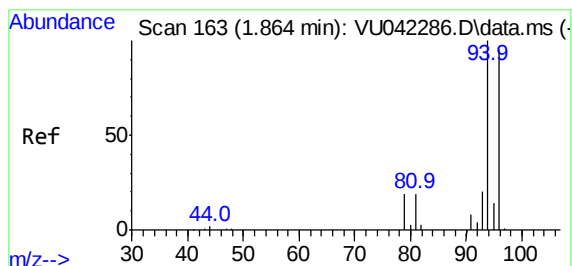
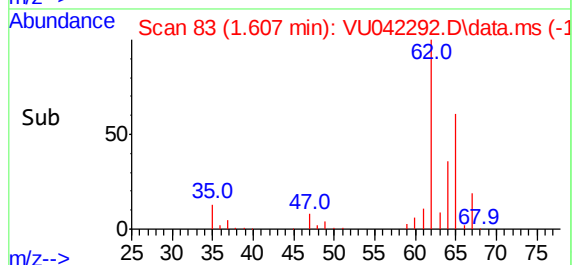
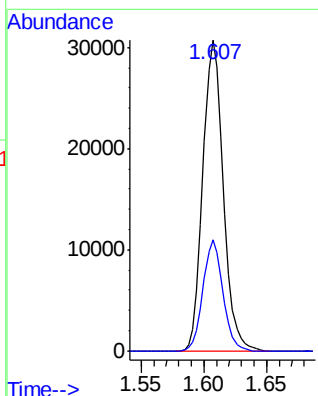
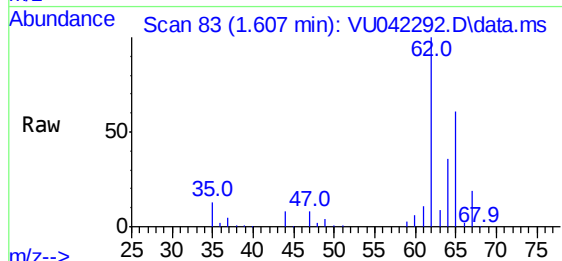




#5
 Vinyl chloride
 Concen: 4.78 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042292.D
 Acq: 08 Feb 2021 13:24

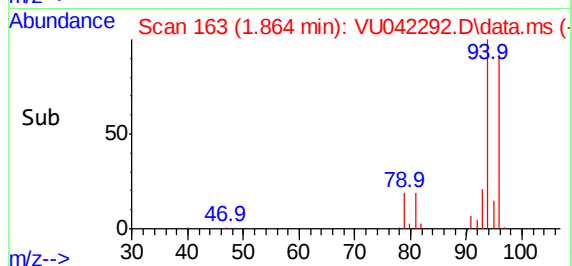
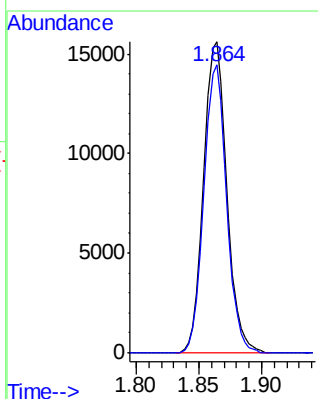
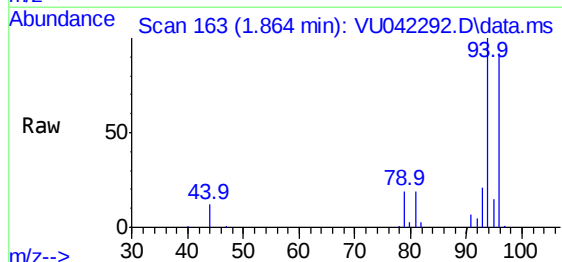
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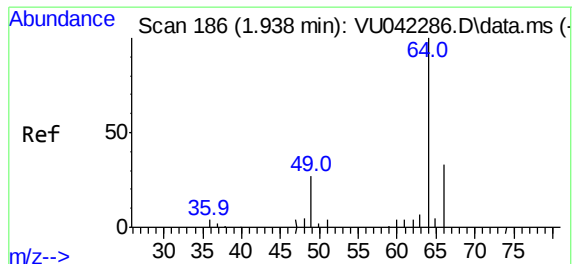
Tgt Ion: 62 Resp: 34758
 Ion Ratio Lower Upper
 62 100
 64 35.6 22.7 42.1



#6
 Bromomethane
 Concen: 4.63 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU042292.D
 Acq: 08 Feb 2021 13:24

Tgt Ion: 94 Resp: 19959
 Ion Ratio Lower Upper
 94 100
 96 92.5 66.5 123.5

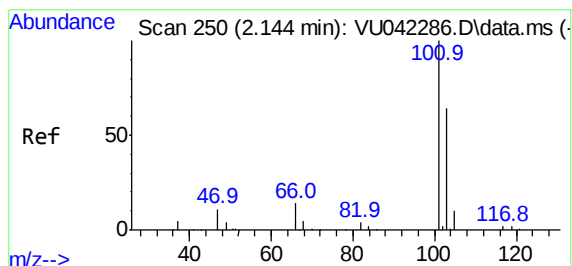
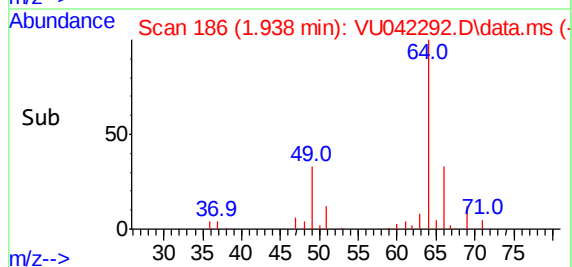
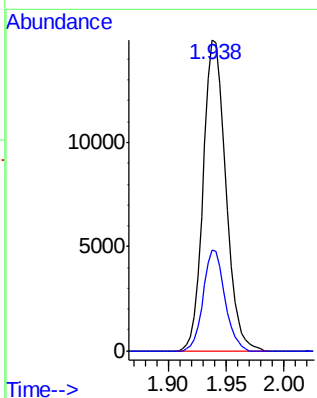
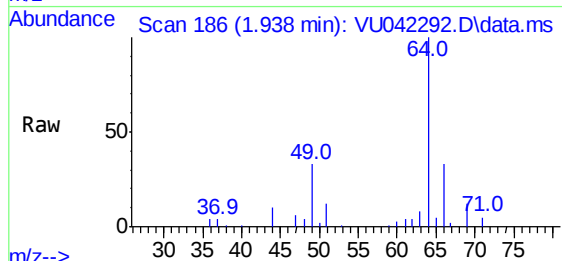




#8
Chloroethane
Concen: 4.79 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

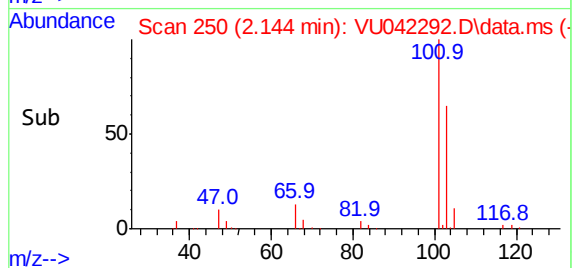
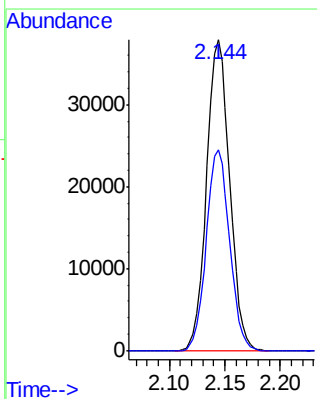
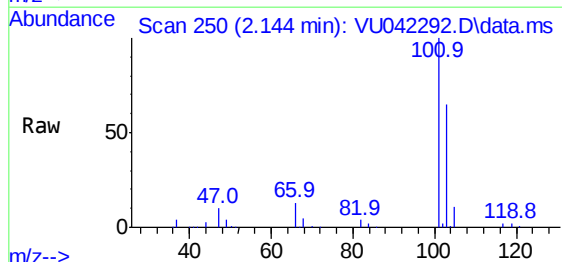
Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

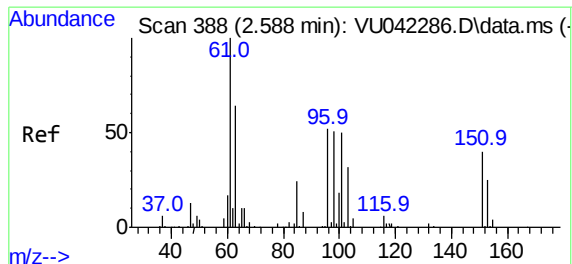
Tgt Ion: 64 Resp: 20201
Ion Ratio Lower Upper
64 100
66 32.5 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.53 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 101 Resp: 54555
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8



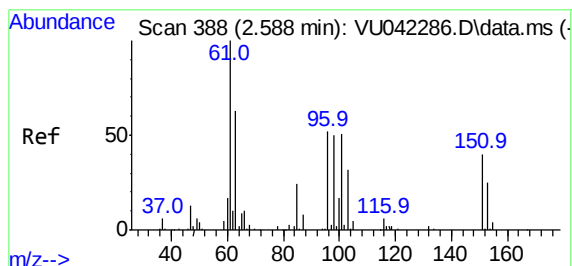
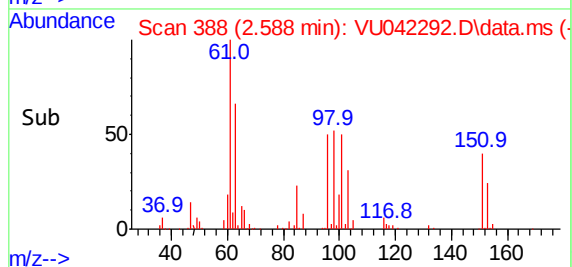
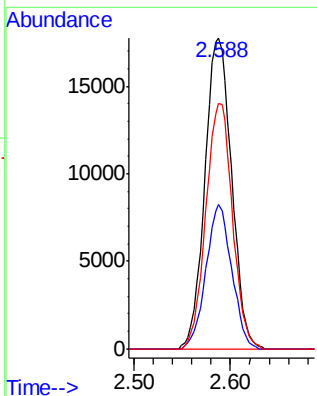
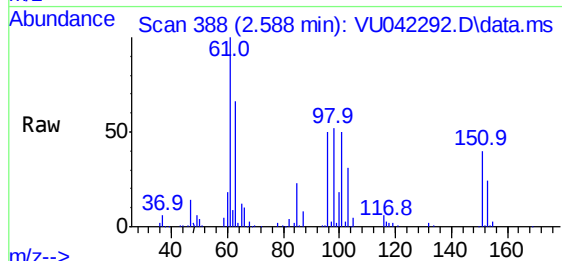


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.35 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042292.D
 Acq: 08 Feb 2021 13:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

Tgt Ion:101 Resp: 34072

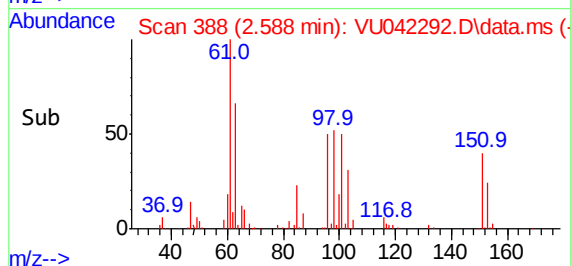
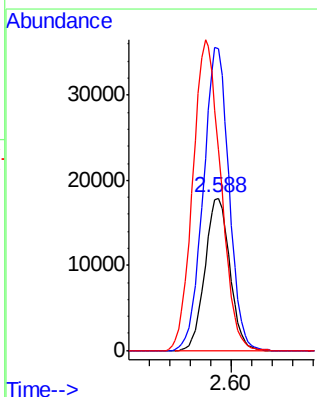
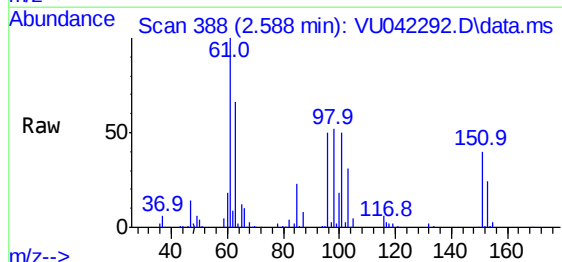
Ion	Ratio	Lower	Upper
101	100		
85	44.8	34.6	51.8
151	78.6	62.7	94.1

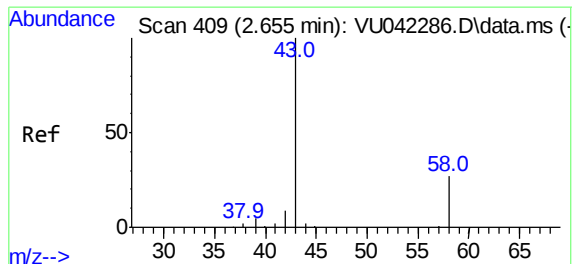


#12
 1,1-Dichloroethene
 Concen: 4.87 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042292.D
 Acq: 08 Feb 2021 13:24

Tgt Ion: 96 Resp: 29823

Ion	Ratio	Lower	Upper
96	100		
61	198.6	126.2	234.4
63	131.8	77.8	144.4

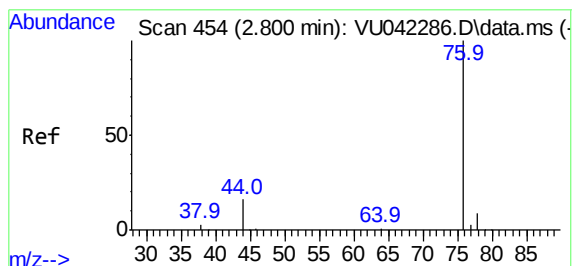
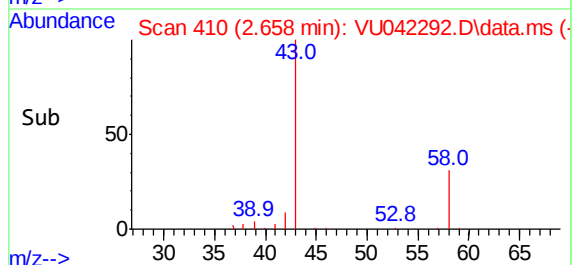
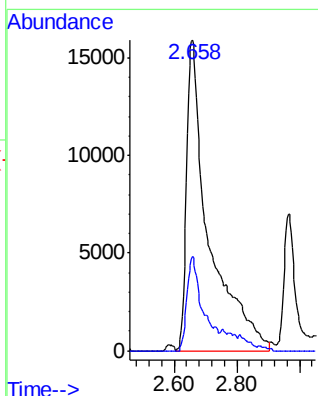
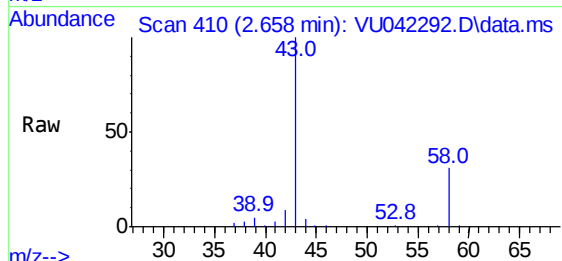




#13
Acetone
Concen: 55.48 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.003 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

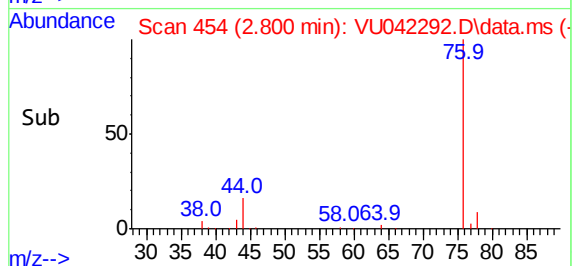
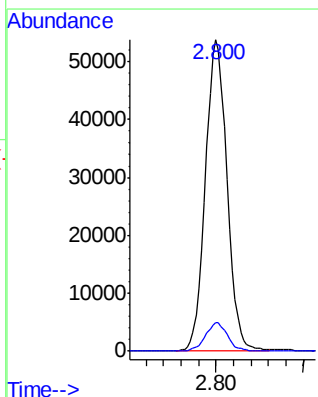
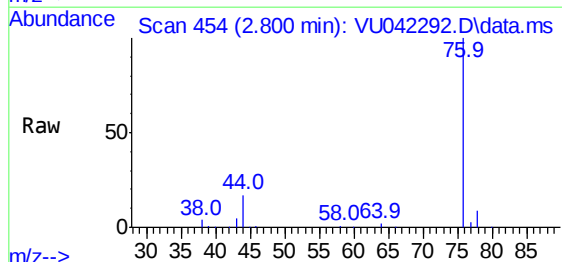
Instrument :
MSVOA_U
ClientSampled :
VSTD00511

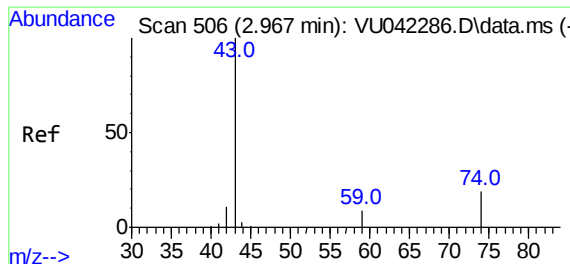
Tgt Ion: 43 Resp: 78604
Ion Ratio Lower Upper
43 100
58 20.1 0.0 55.8



#14
Carbon disulfide
Concen: 4.51 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 76 Resp: 91719
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

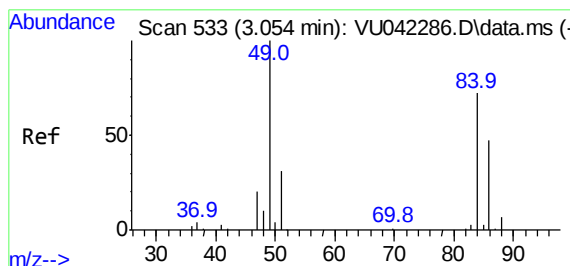
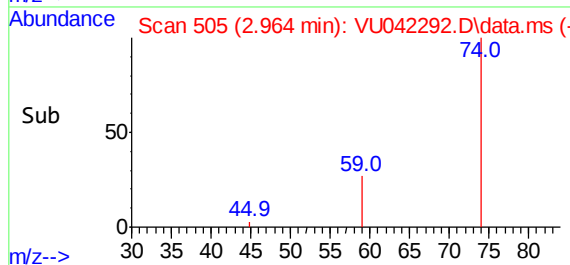
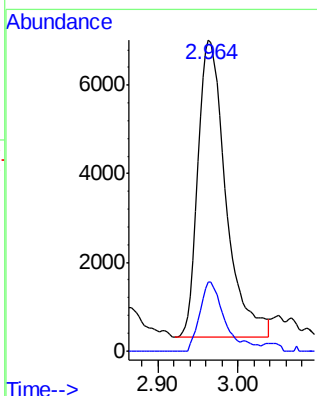
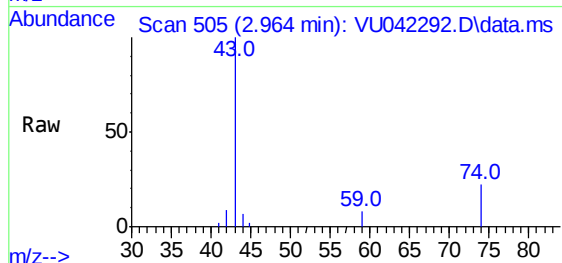




#15
Methyl Acetate
Concen: 4.74 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.003 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

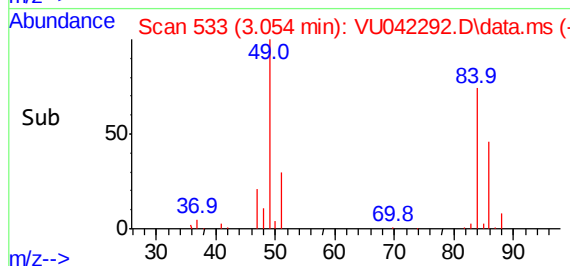
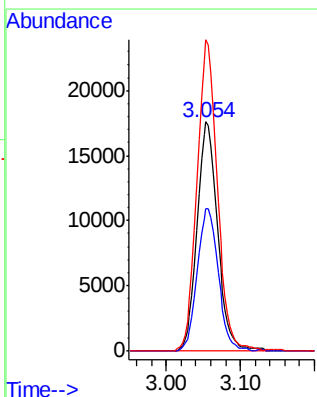
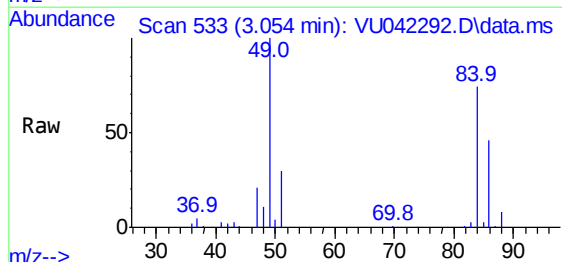
Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

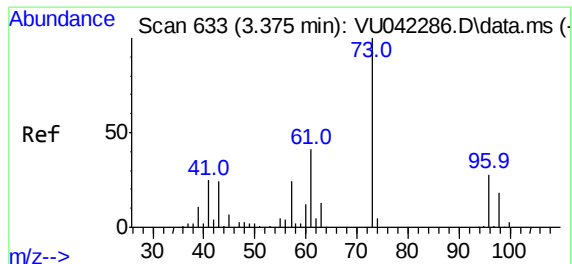
Tgt Ion: 43 Resp: 15836
Ion Ratio Lower Upper
43 100
74 18.9 16.9 25.3



#16
Methylene chloride
Concen: 4.68 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 84 Resp: 33780
Ion Ratio Lower Upper
84 100
86 61.9 44.1 81.9
49 135.8 95.0 176.4

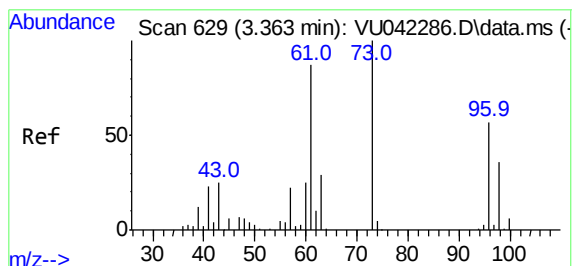
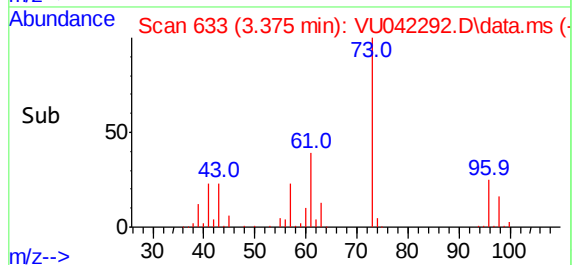
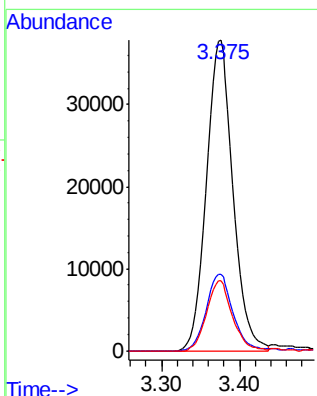
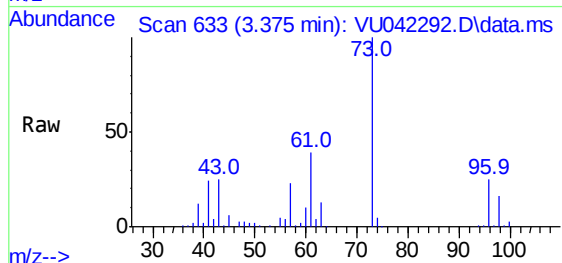




#17
Methyl tert-butyl Ether
Concen: 5.10 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

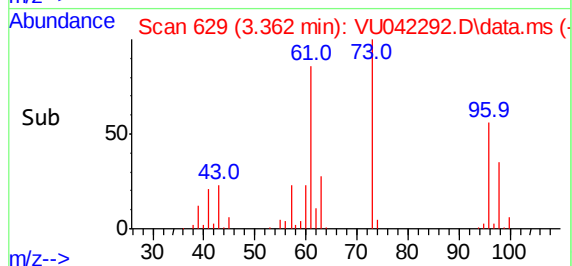
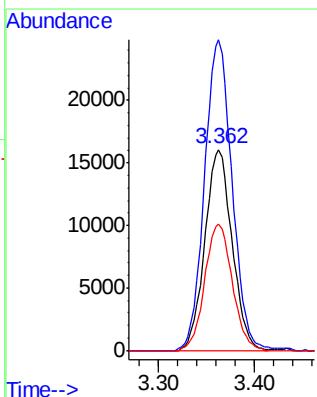
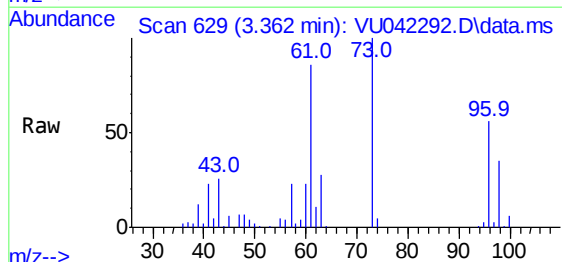
Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

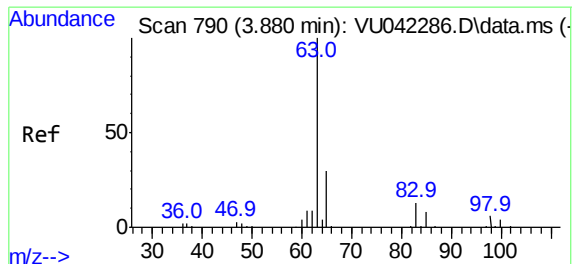
Tgt Ion: 73 Resp: 90476
Ion Ratio Lower Upper
73 100
43 24.7 18.9 28.3
57 21.9 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 4.83 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 96 Resp: 31462
Ion Ratio Lower Upper
96 100
61 154.7 105.7 196.3
98 63.0 42.8 79.6

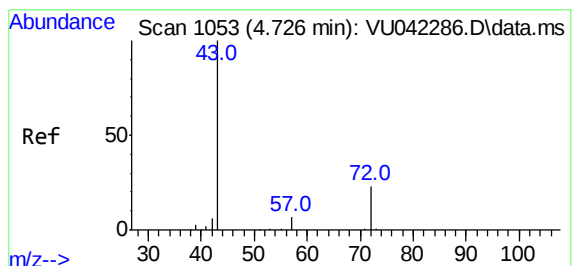
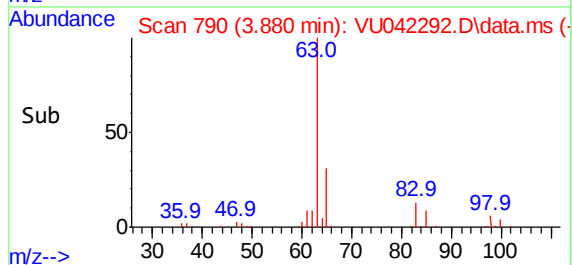
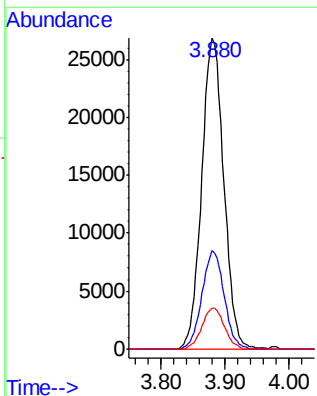
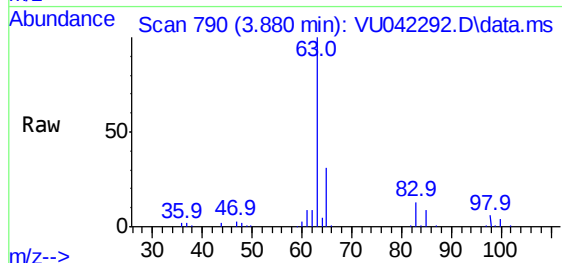




#19
1,1-Dichloroethane
Concen: 5.30 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

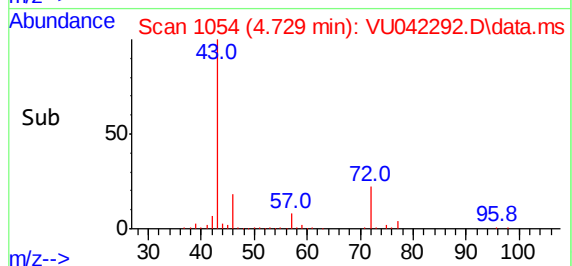
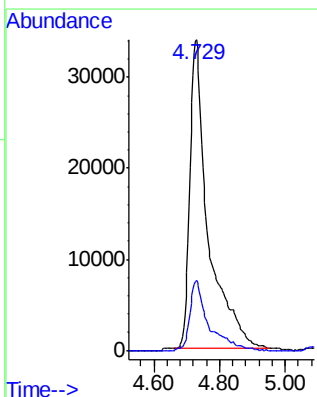
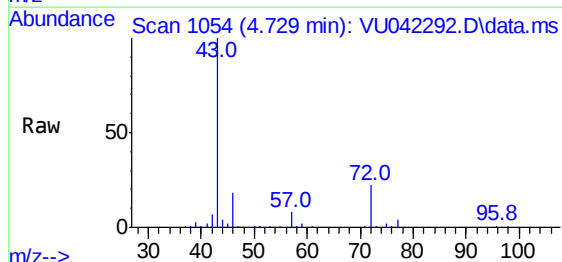
Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

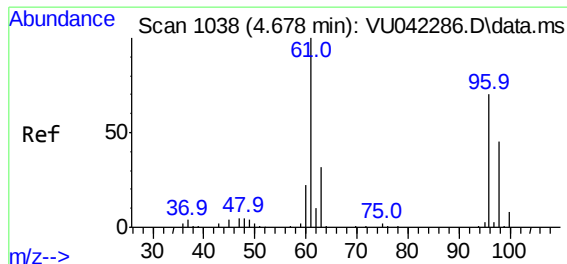
Tgt Ion: 63 Resp: 63848
Ion Ratio Lower Upper
63 100
65 31.4 22.5 41.9
83 13.1 10.1 18.7



#21
2-Butanone
Concen: 55.43 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.003 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 43 Resp: 131562
Ion Ratio Lower Upper
43 100
72 21.7 11.7 35.1



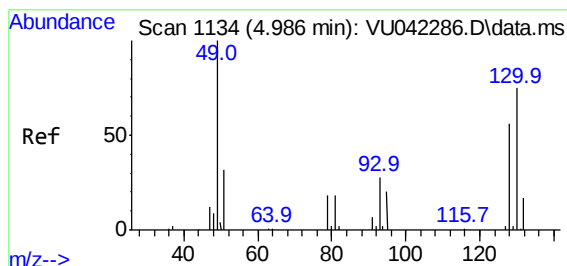
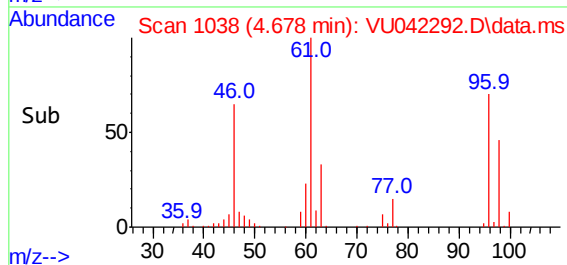
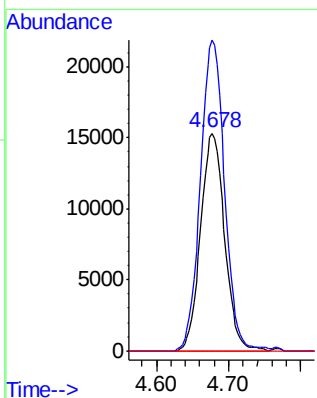
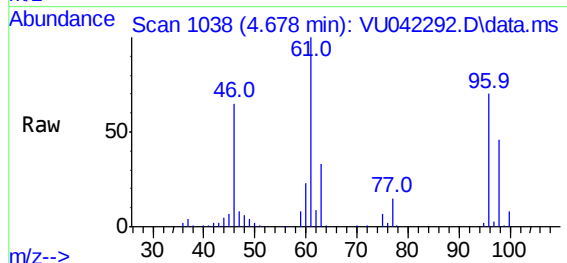


#22
cis-1,2-Dichloroethene
Concen: 5.06 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

Tgt Ion: 96 Resp: 35185

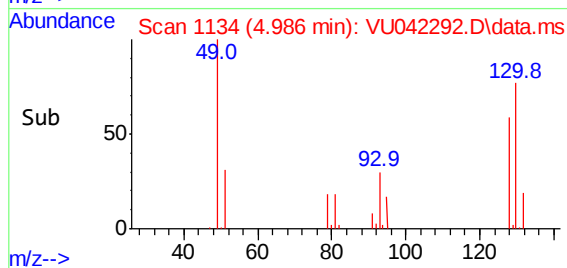
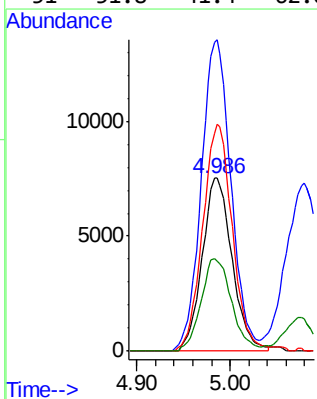
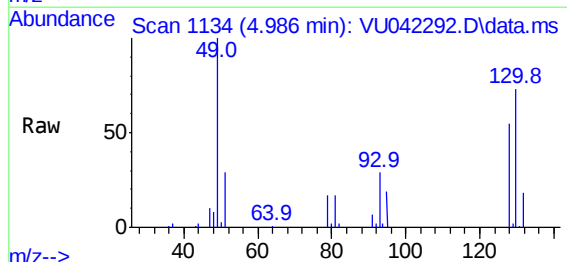
Ion	Ratio	Lower	Upper
96	100		
61	142.6	97.8	181.6
68	0.0	0.0	0.0

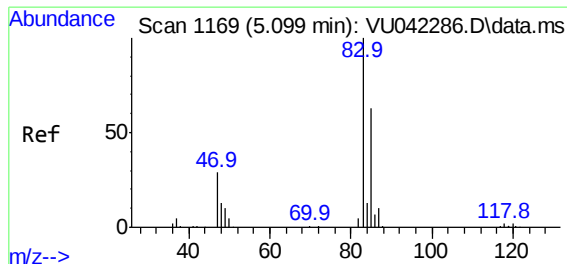


#23
Bromochloromethane
Concen: 5.19 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 128 Resp: 16657

Ion	Ratio	Lower	Upper
128	100		
49	180.2	117.7	218.7
130	131.3	87.9	163.3
51	51.8	41.4	62.0

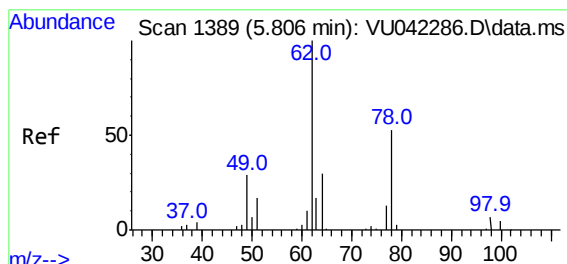
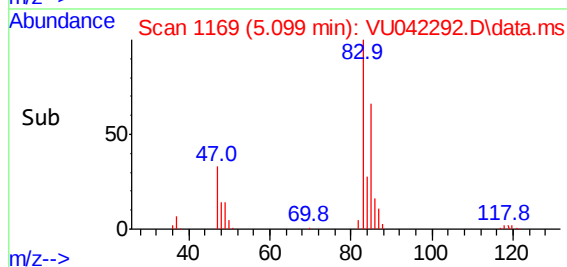
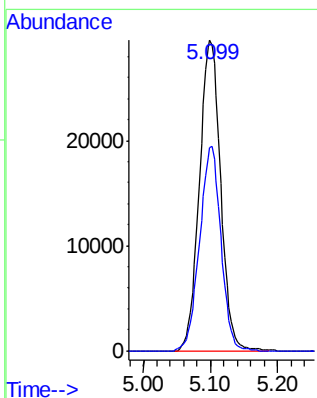
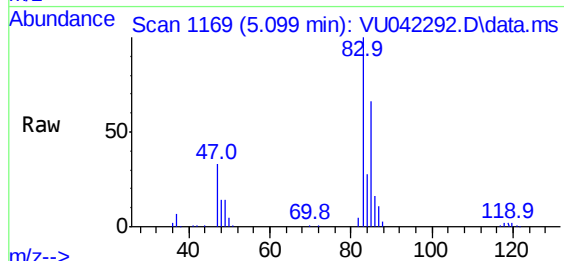




#25
Chloroform
Concen: 5.23 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

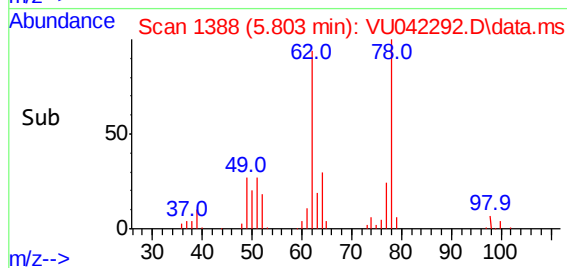
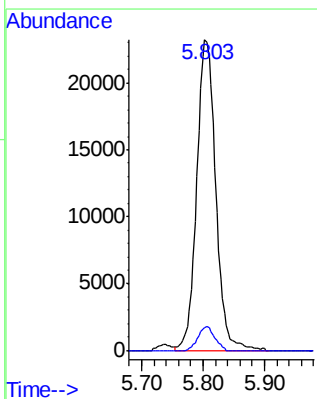
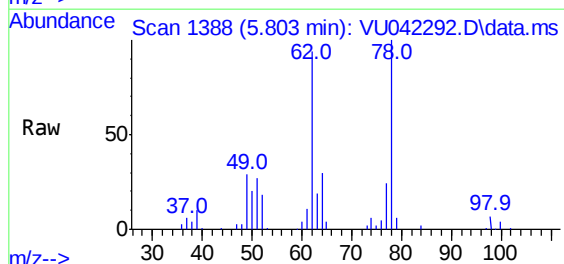
Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

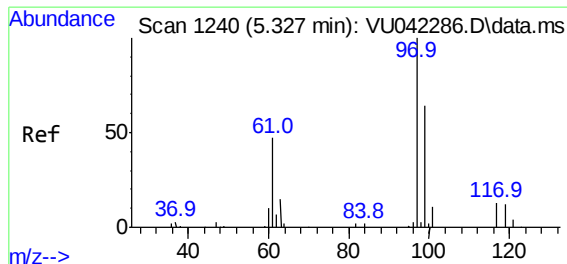
Tgt Ion: 83 Resp: 64992
Ion Ratio Lower Upper
83 100
85 65.6 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.65 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 62 Resp: 49749
Ion Ratio Lower Upper
62 100
98 7.5 7.3 10.9

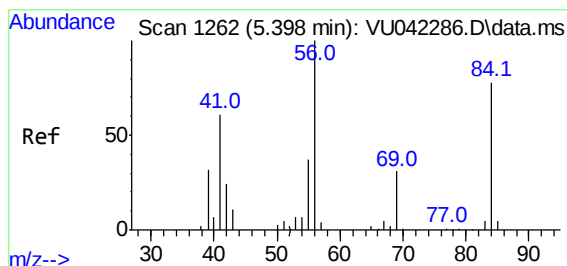
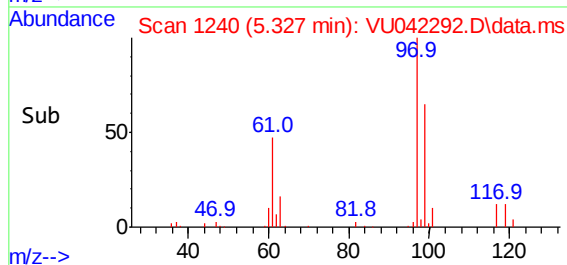
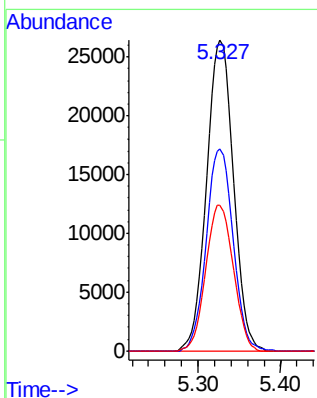
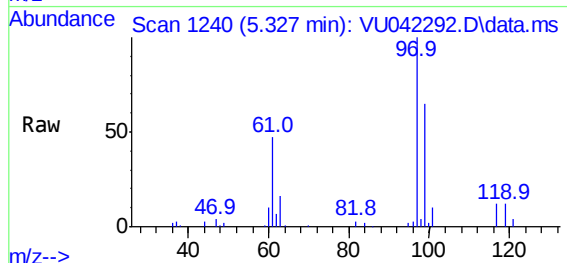




#29
1,1,1-Trichloroethane
Concen: 5.23 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

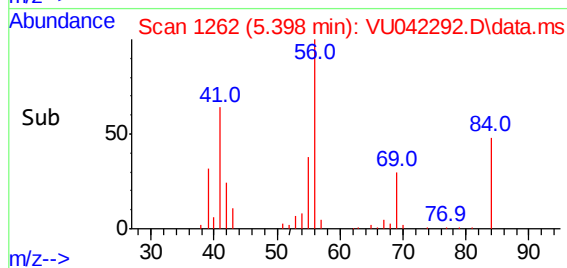
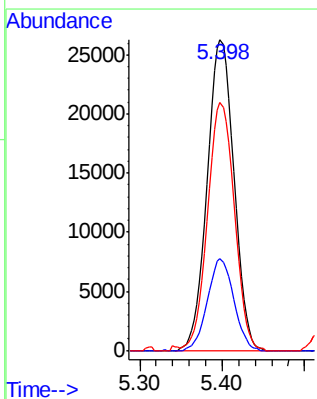
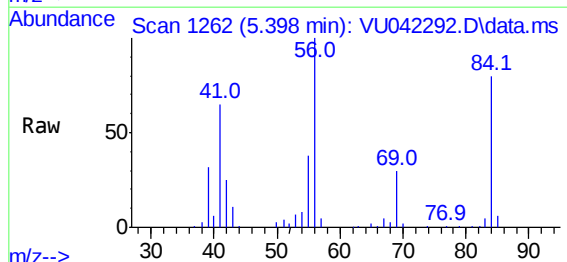
Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

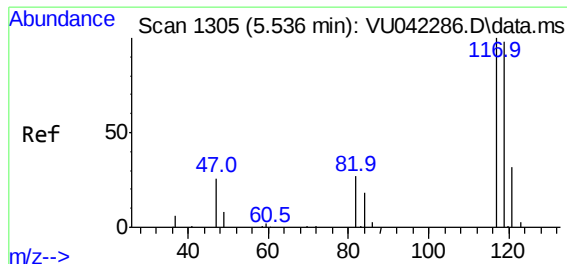
Tgt Ion: 97 Resp: 59336
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 48.1 35.8 53.6



#30
Cyclohexane
Concen: 4.83 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 56 Resp: 58800
Ion Ratio Lower Upper
56 100
69 28.9 23.7 35.5
84 80.1 65.3 97.9

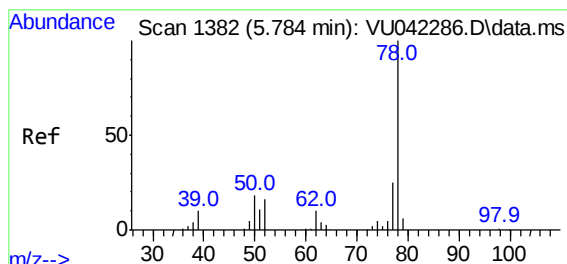
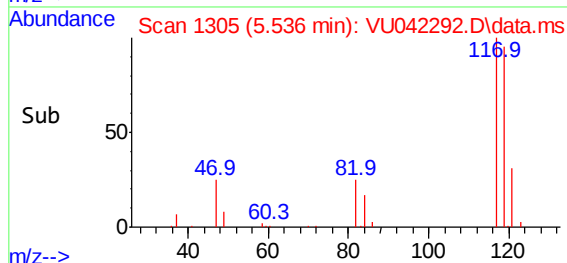
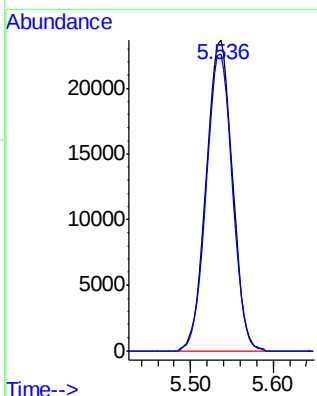
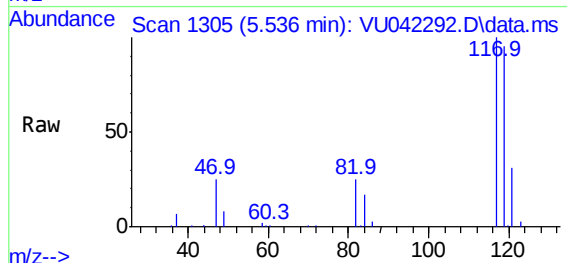




#31
Carbon tetrachloride
Concen: 5.18 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

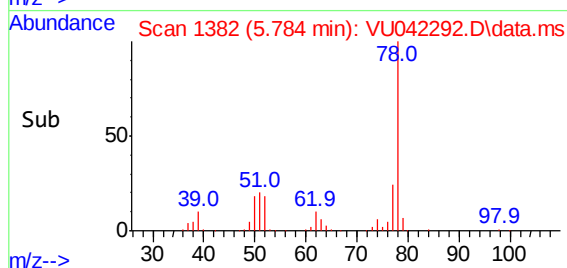
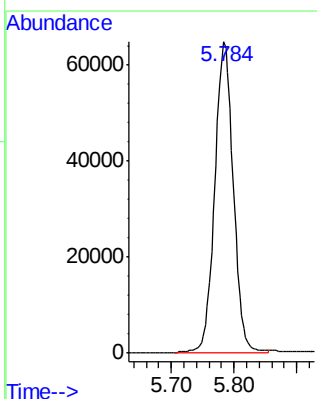
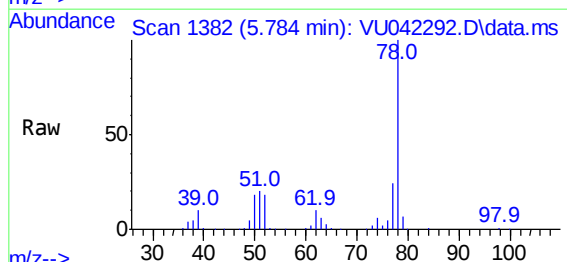
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ClientSampleId :
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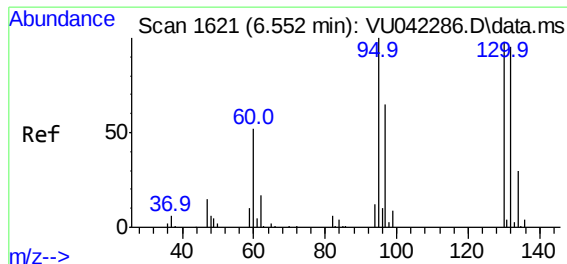
Tgt Ion:117 Resp: 51762
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.4



#33
Benzene
Concen: 5.24 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 78 Resp: 132724

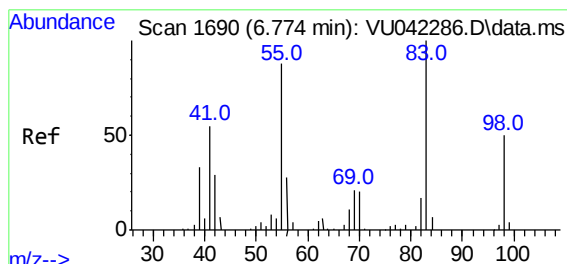
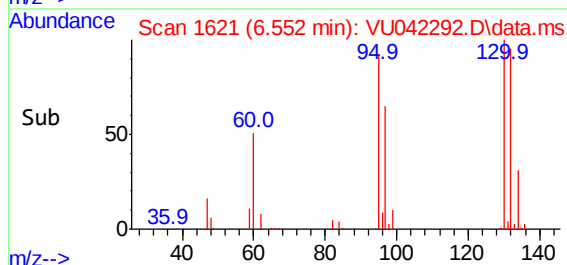
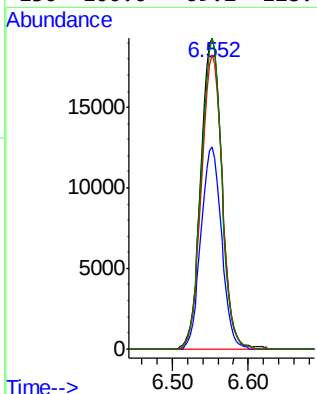
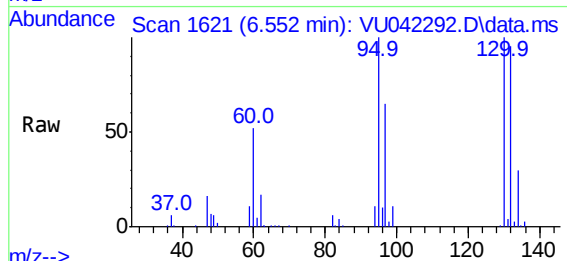




#34
Trichloroethene
Concen: 5.37 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

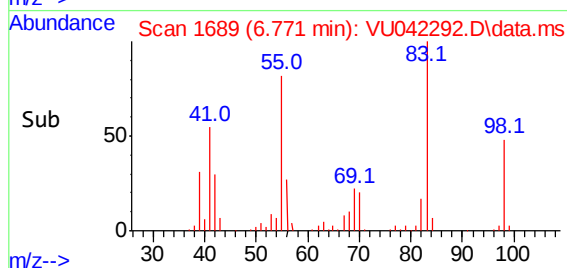
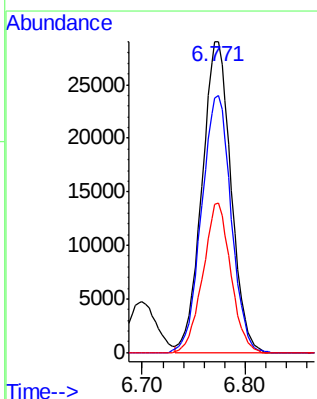
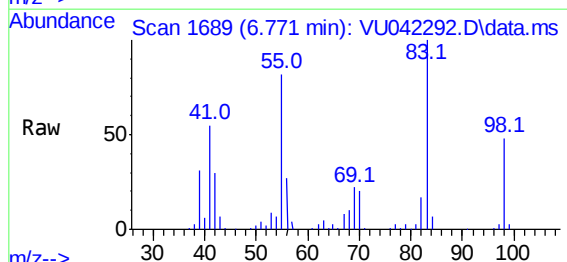
Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

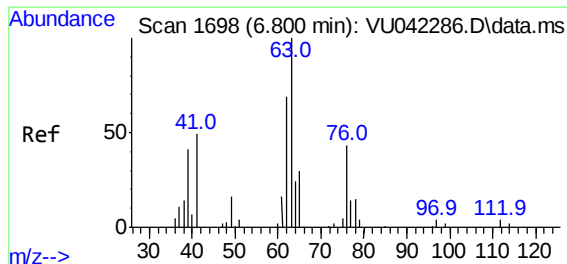
Tgt Ion: 95 Resp: 36667
Ion Ratio Lower Upper
95 100
97 65.0 44.4 82.4
132 94.7 68.0 126.4
130 100.0 69.2 128.4



#35
Methylcyclohexane
Concen: 4.94 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 83 Resp: 56539
Ion Ratio Lower Upper
83 100
55 84.2 68.2 102.4
98 46.1 39.7 59.5

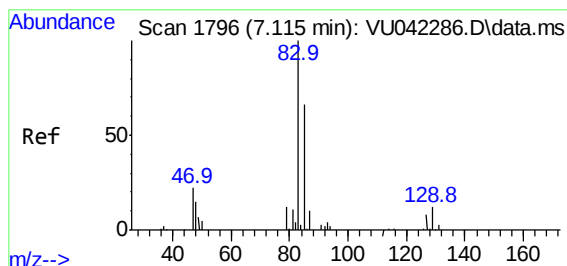
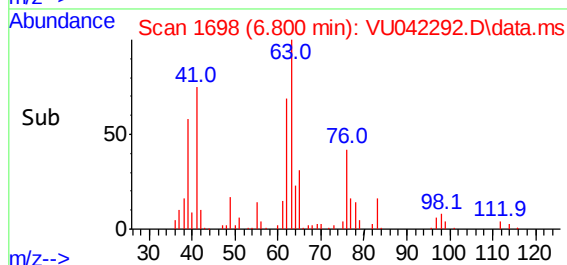
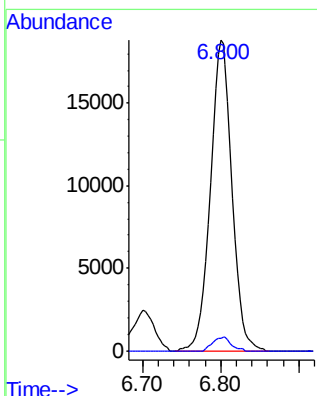
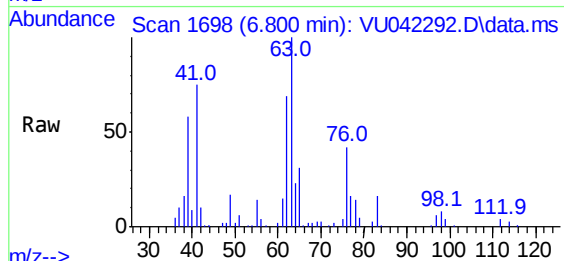




#37
1,2-Dichloropropane
Concen: 5.53 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

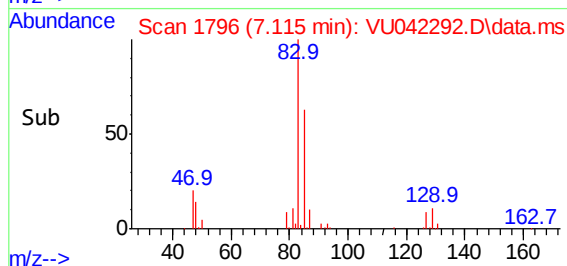
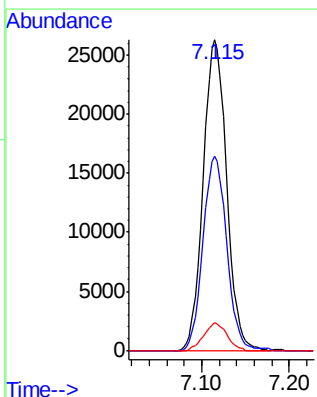
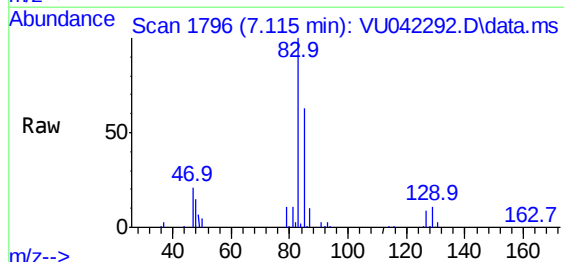
Instrument :
MSVOA_U
ClientSampleId :
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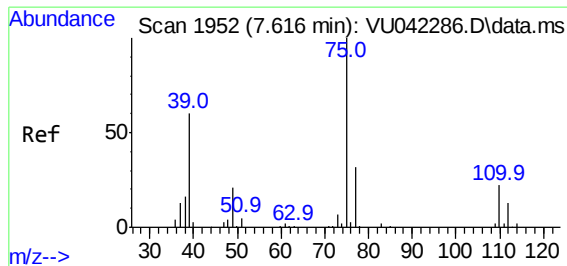
Tgt Ion: 63 Resp: 36895
Ion Ratio Lower Upper
63 100
112 3.7 3.4 5.0



#38
Bromodichloromethane
Concen: 5.28 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 83 Resp: 48656
Ion Ratio Lower Upper
83 100
85 62.7 46.0 85.4
127 8.8 6.8 10.2

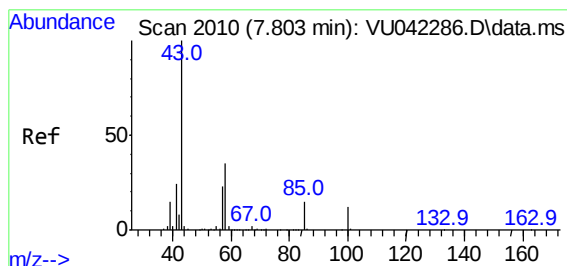
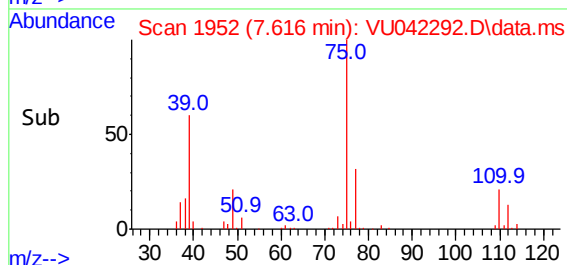
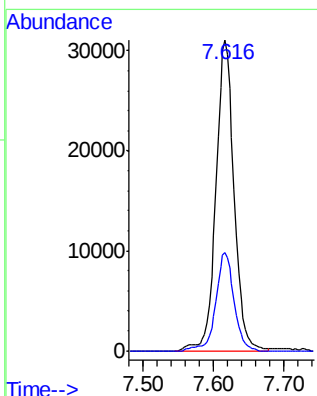
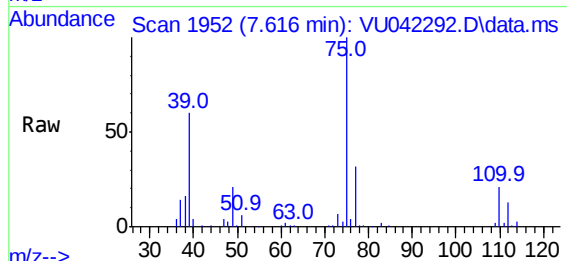




#39
cis-1,3-Dichloropropene
Concen: 5.06 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

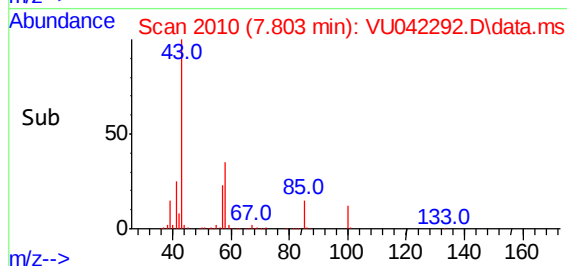
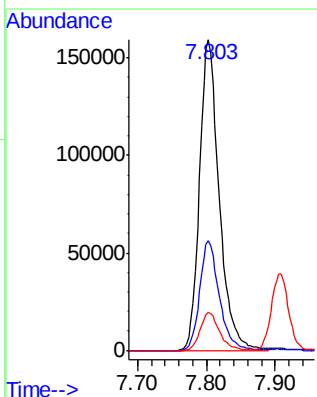
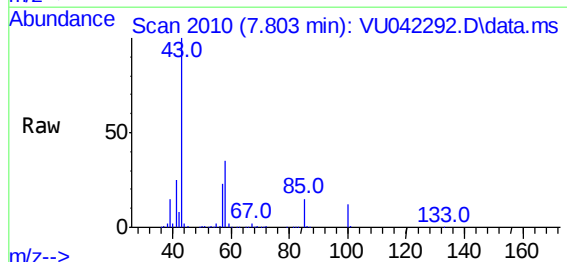
Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

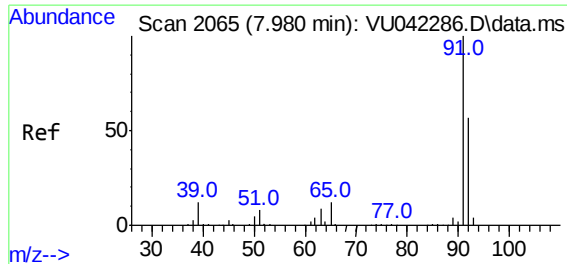
Tgt Ion: 75 Resp: 55525
Ion Ratio Lower Upper
75 100
77 31.7 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 55.34 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 43 Resp: 315627
Ion Ratio Lower Upper
43 100
58 35.1 29.1 43.7
100 12.0 11.0 16.4





#42

Toluene

Concen: 5.26 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. -0.003 min

Lab File: VU042292.D

Acq: 08 Feb 2021 13:24

Tgt Ion: 91 Resp: 144170

Ion Ratio Lower Upper

91 100

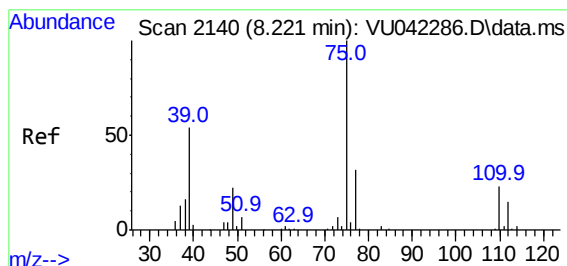
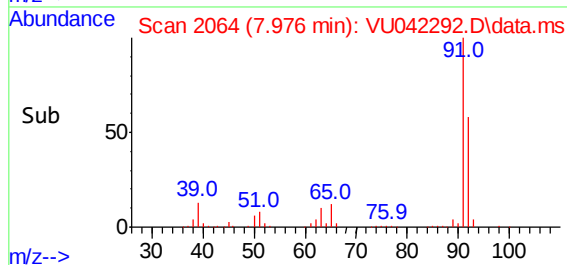
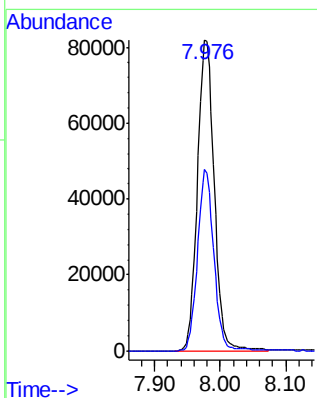
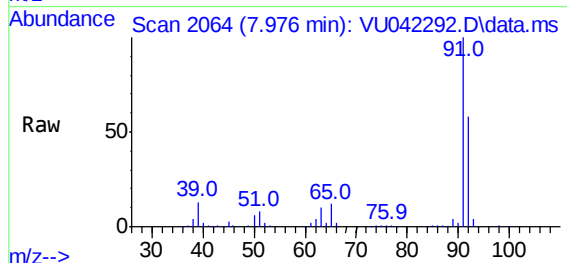
92 58.4 41.2 76.6

Instrument :

MSVOA_U

ClientSampleId :

VSTD00511



#44

trans-1,3-Dichloropropene

Concen: 4.97 ug/L

RT: 8.221 min Scan# 2140

Delta R.T. -0.000 min

Lab File: VU042292.D

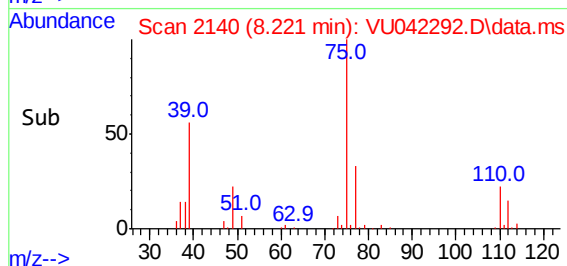
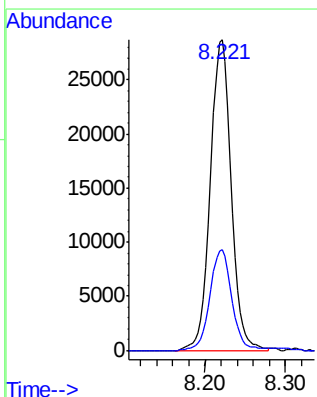
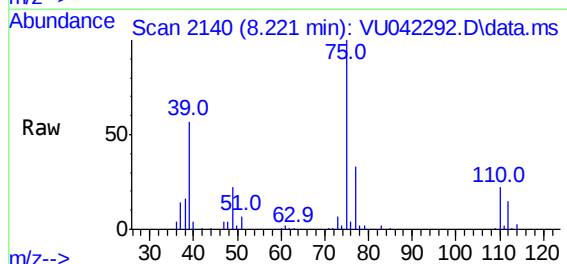
Acq: 08 Feb 2021 13:24

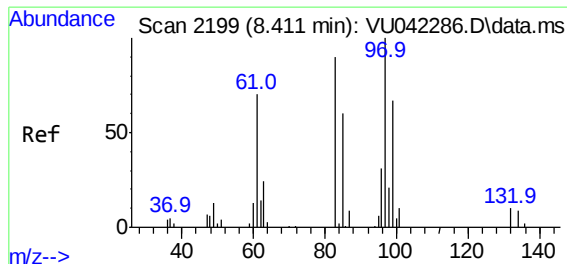
Tgt Ion: 75 Resp: 49974

Ion Ratio Lower Upper

75 100

77 32.6 21.8 40.4



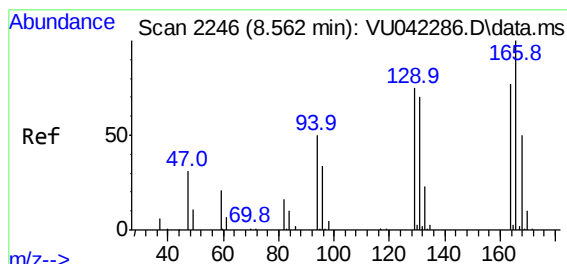
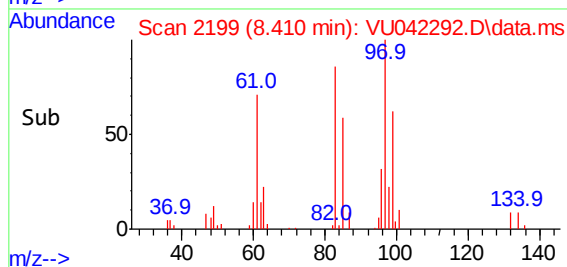
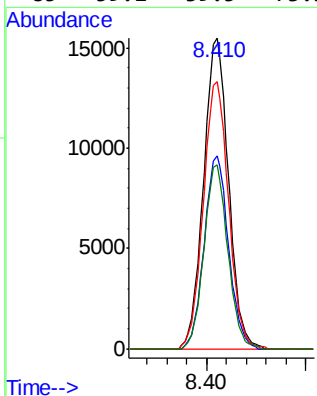
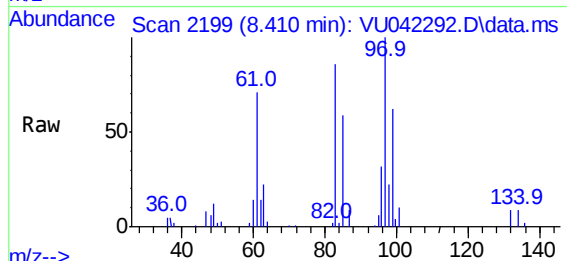


#45
1,1,2-Trichloroethane
Concen: 5.44 ug/L
RT: 8.410 min Scan# 2199
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

Tgt Ion: 97 Resp: 26860

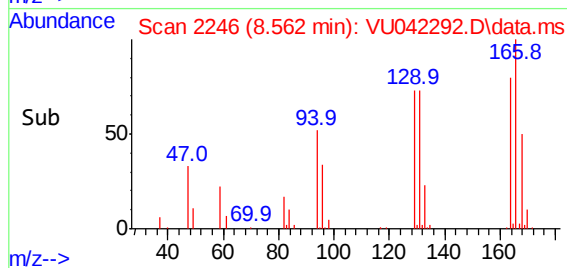
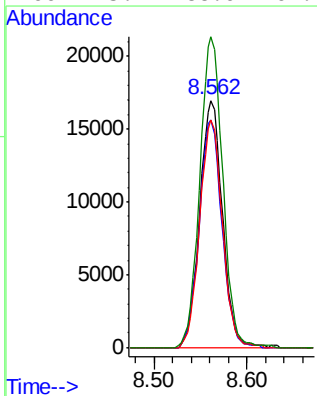
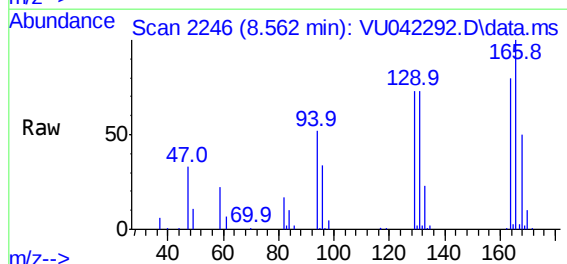
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.0	81.8
83	86.1	57.6	107.0
85	59.1	39.5	73.3

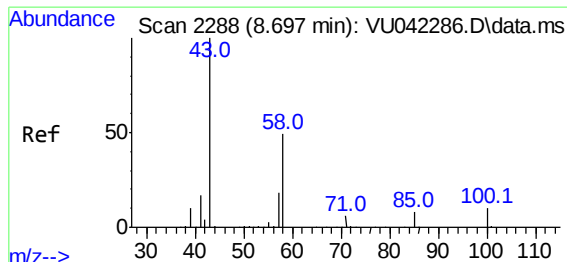


#47
Tetrachloroethene
Concen: 5.07 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 164 Resp: 28783

Ion	Ratio	Lower	Upper
164	100		
129	92.0	64.3	119.5
131	92.3	62.2	115.6
166	125.7	88.6	164.6



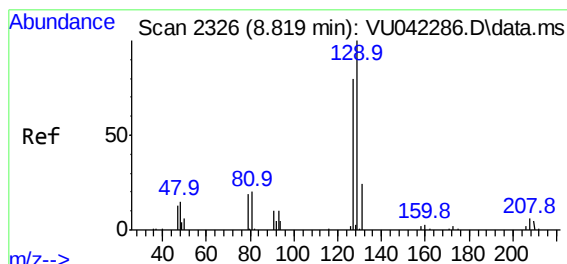
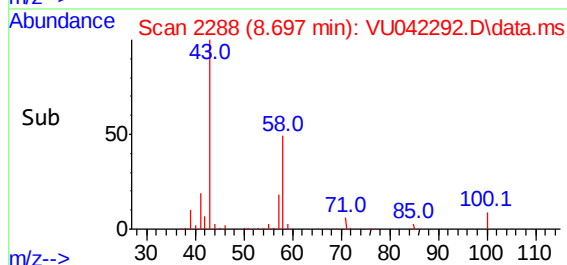
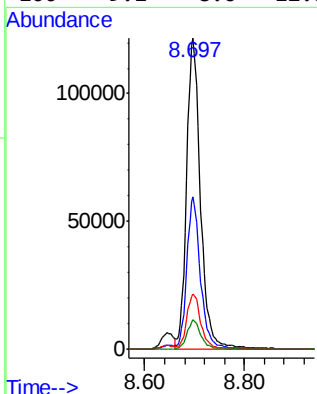
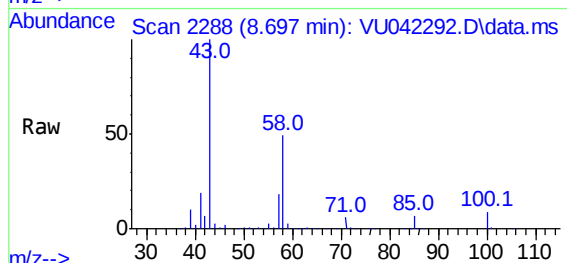


#48
2-Hexanone
Concen: 58.97 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

Tgt Ion: 43 Resp: 233830

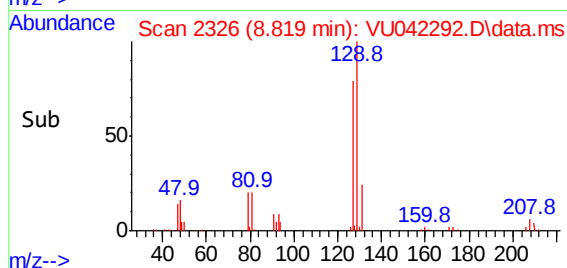
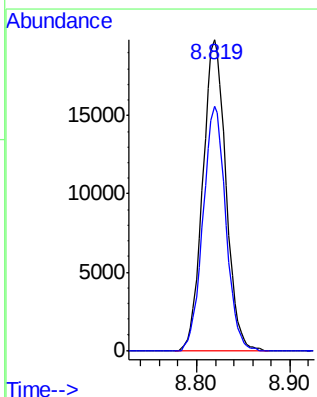
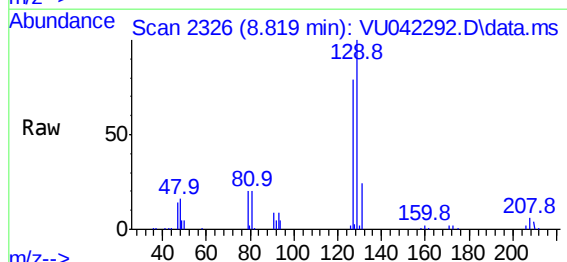
Ion	Ratio	Lower	Upper
43	100		
58	47.4	40.6	61.0
57	17.9	14.9	22.3
100	9.1	8.6	12.8

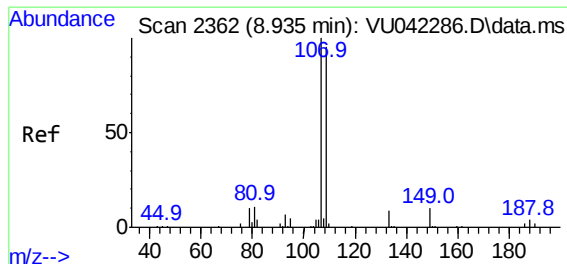


#49
Dibromochloromethane
Concen: 5.20 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 129 Resp: 34137

Ion	Ratio	Lower	Upper
129	100		
127	78.5	52.3	97.1

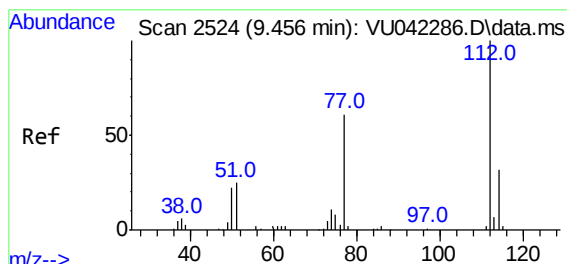
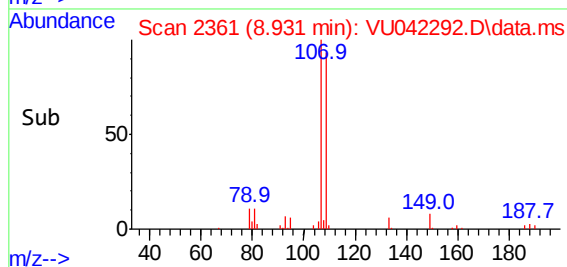
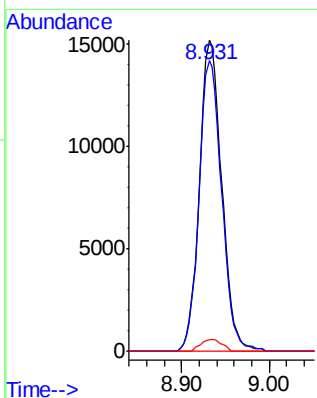
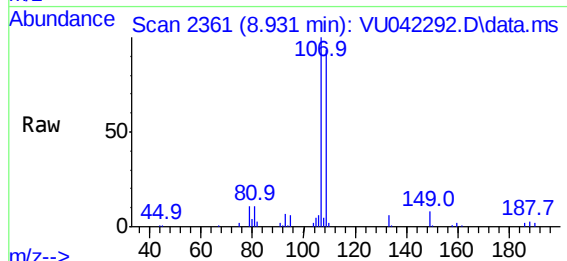




#50
1,2-Dibromoethane
Concen: 5.24 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.003 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

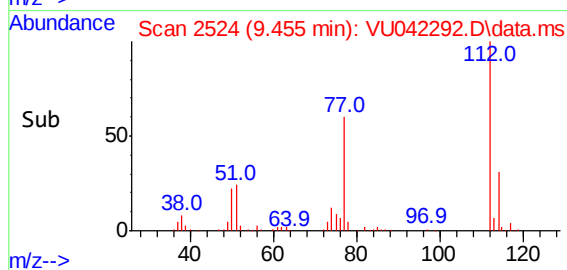
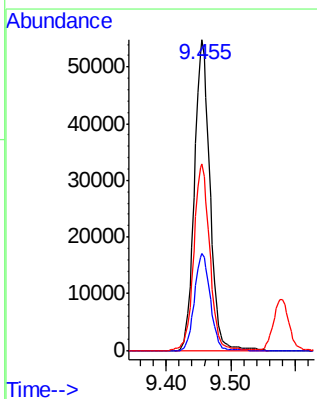
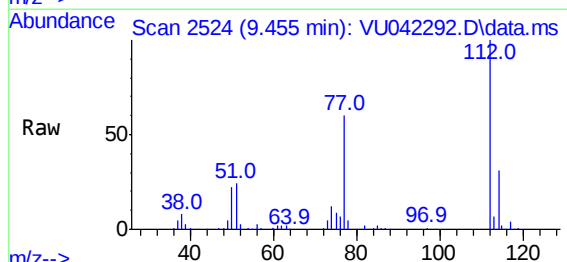
Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

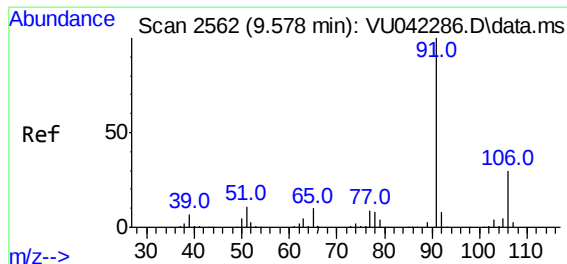
Tgt Ion:107 Resp: 26712
Ion Ratio Lower Upper
107 100
109 93.3 65.5 121.6
188 3.4 3.4 5.2#



#51
Chlorobenzene
Concen: 5.22 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion:112 Resp: 91564
Ion Ratio Lower Upper
112 100
114 31.3 22.0 41.0
77 60.2 49.8 74.6

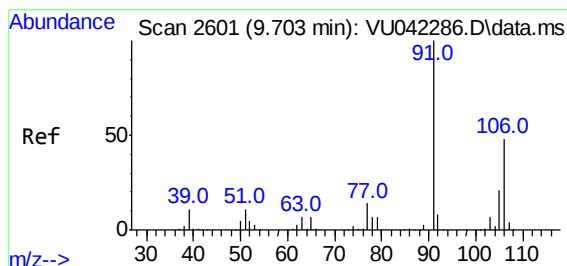
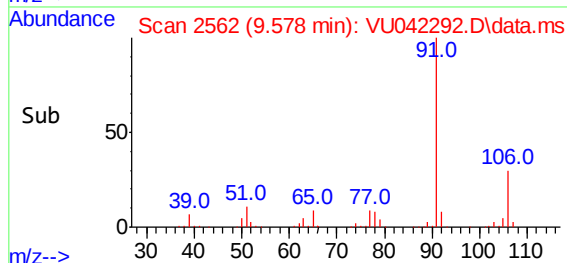
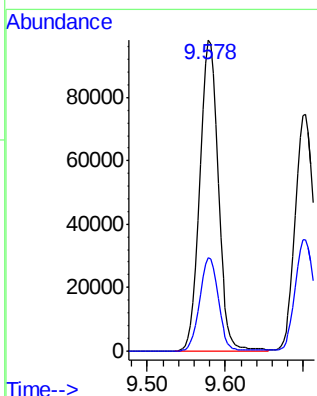
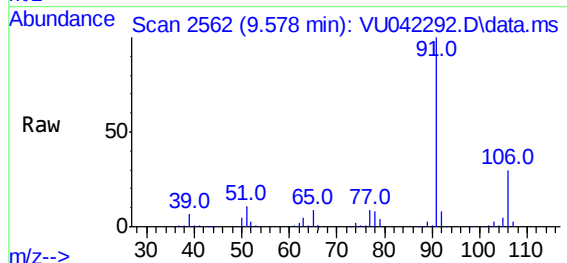




#52
Ethylbenzene
Concen: 5.11 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

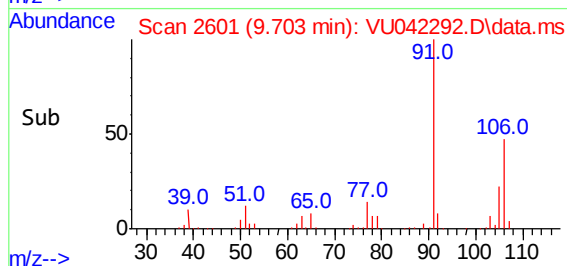
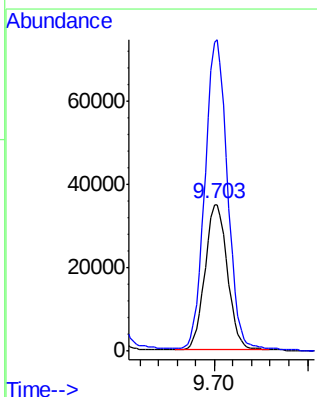
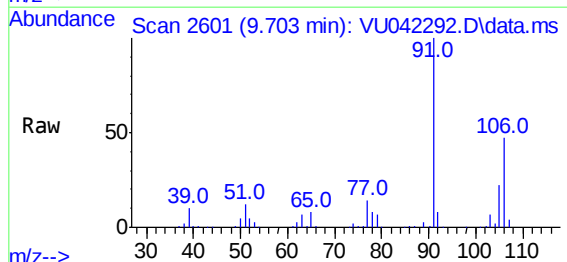
Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

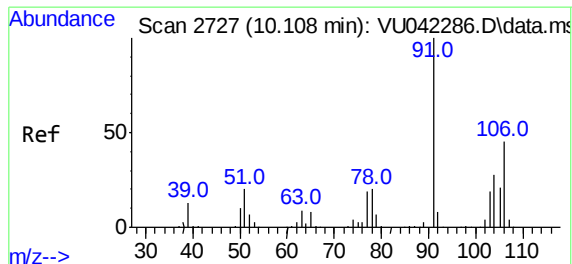
Tgt Ion: 91 Resp: 160410
Ion Ratio Lower Upper
91 100
106 30.0 21.1 39.3



#53
m,p-Xylene
Concen: 5.00 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion:106 Resp: 58896
Ion Ratio Lower Upper
106 100
91 213.1 145.1 269.5

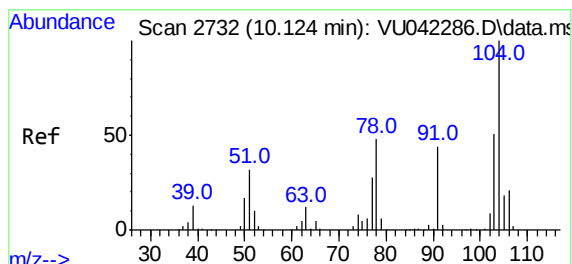
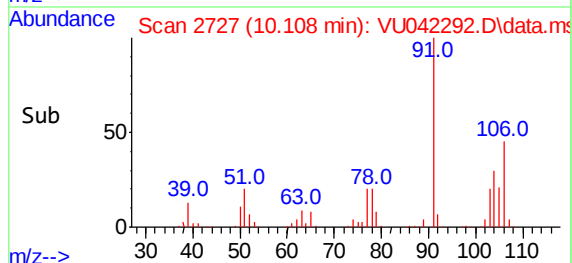
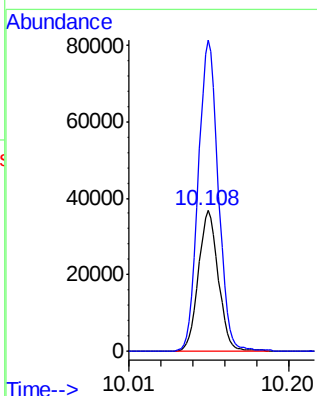
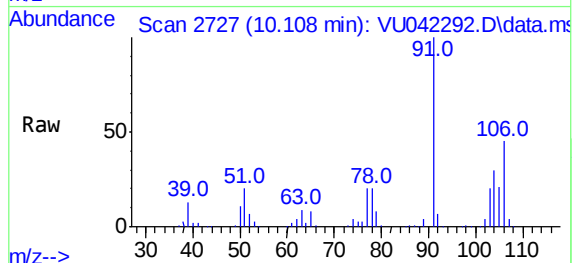




#54
o-Xylene
Concen: 5.18 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

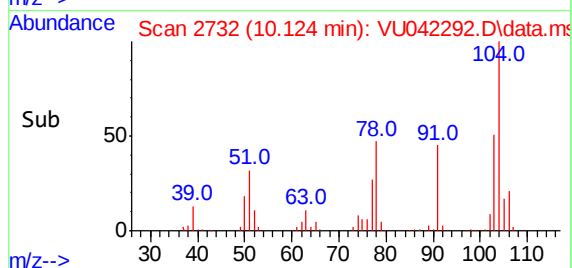
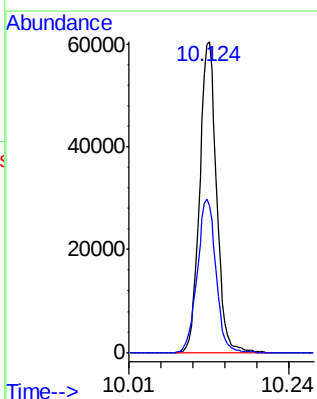
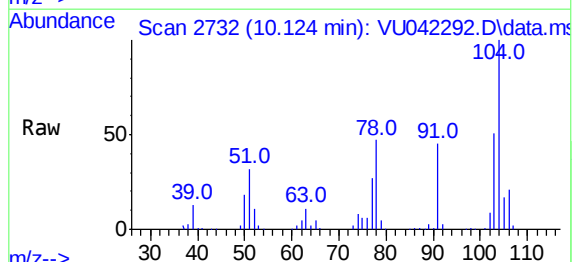
Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

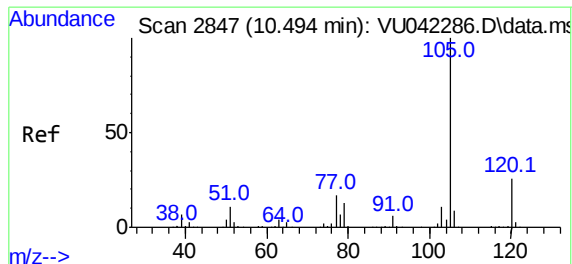
Tgt Ion:106 Resp: 59102
Ion Ratio Lower Upper
106 100
91 222.1 153.0 284.2



#55
Styrene
Concen: 5.07 ug/L
RT: 10.124 min Scan# 2732
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion:104 Resp: 99559
Ion Ratio Lower Upper
104 100
78 47.1 34.9 64.7

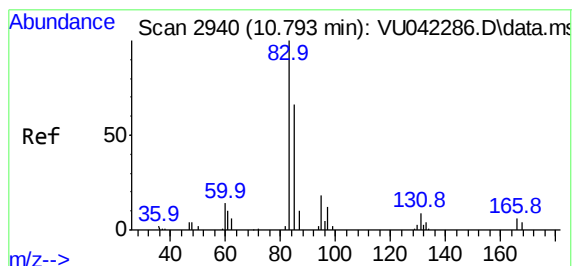
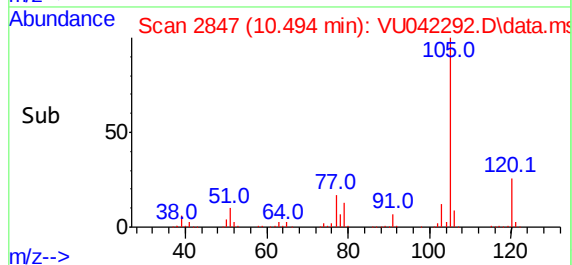
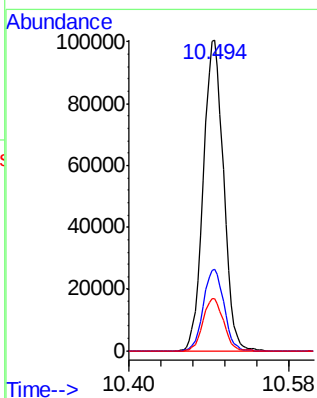
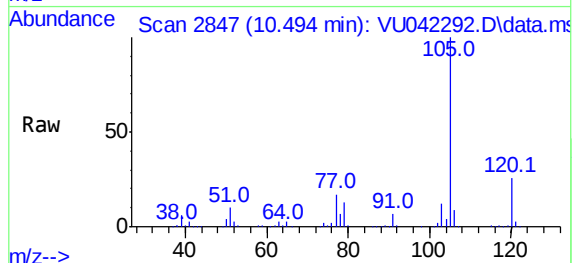




#56
Isopropylbenzene
Concen: 5.11 ug/L
RT: 10.494 min Scan# 2847
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

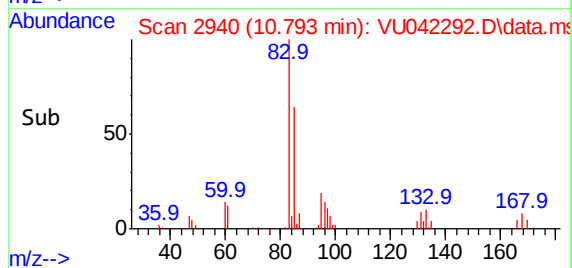
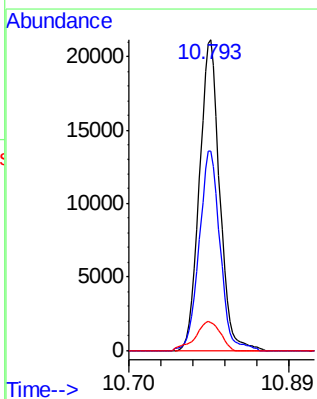
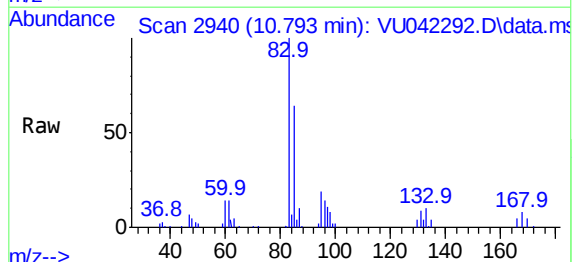
Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

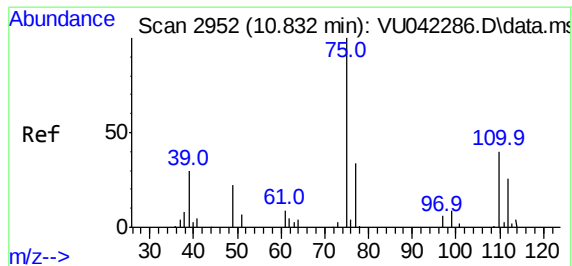
Tgt Ion:105 Resp: 161126
Ion Ratio Lower Upper
105 100
120 26.7 20.8 31.2
77 17.0 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 5.52 ug/L
RT: 10.793 min Scan# 2940
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 83 Resp: 34820
Ion Ratio Lower Upper
83 100
85 64.3 44.4 82.4
131 9.1 8.6 12.8

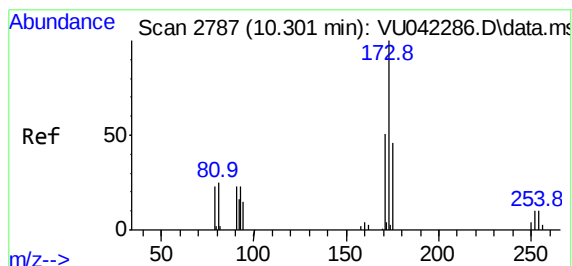
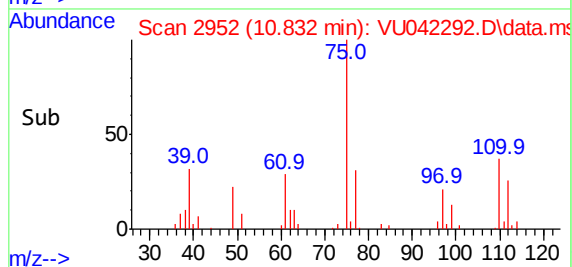
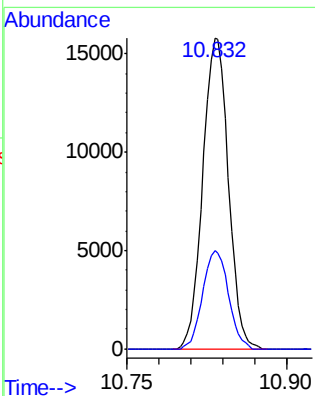
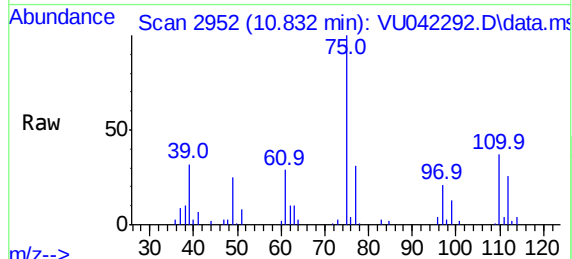




#59
1,2,3-Trichloropropane
Concen: 5.54 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

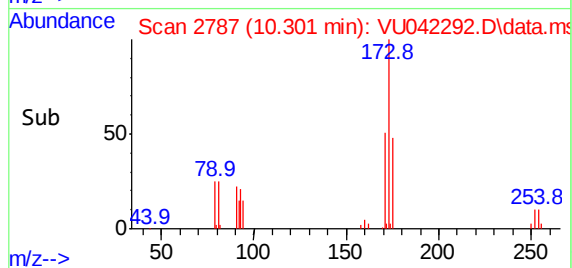
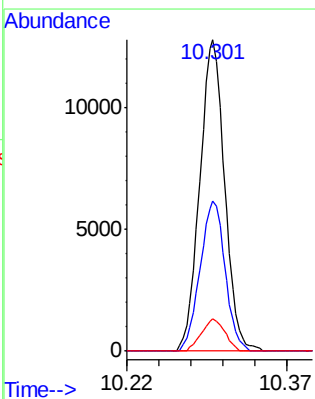
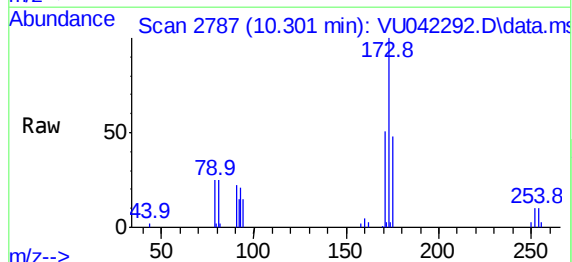
Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

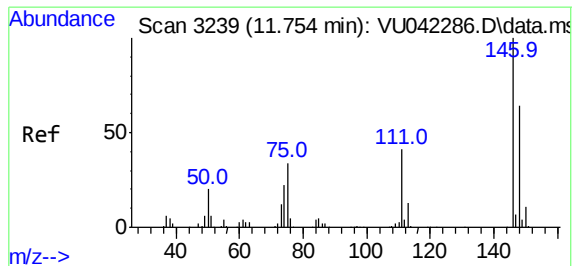
Tgt Ion: 75 Resp: 26069
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0



#61
Bromoform
Concen: 4.94 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion:173 Resp: 21187
Ion Ratio Lower Upper
173 100
175 48.3 38.7 58.1
254 9.4 7.9 11.9

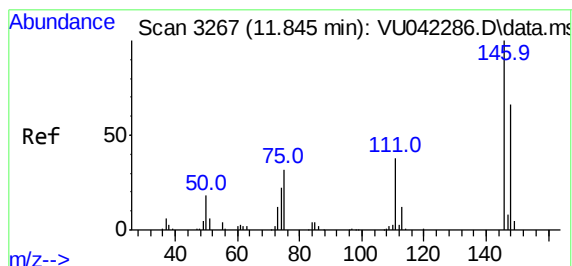
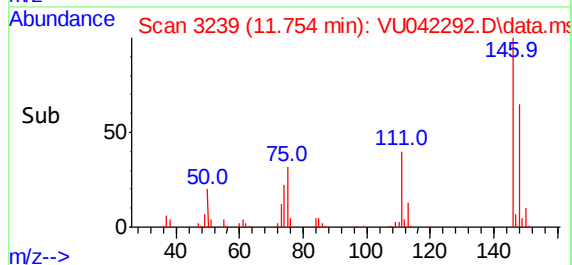
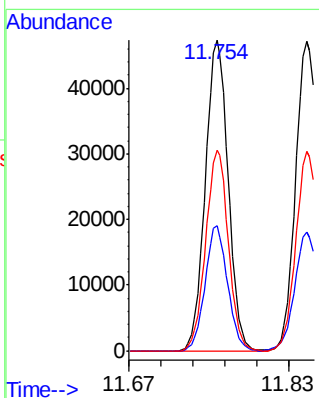
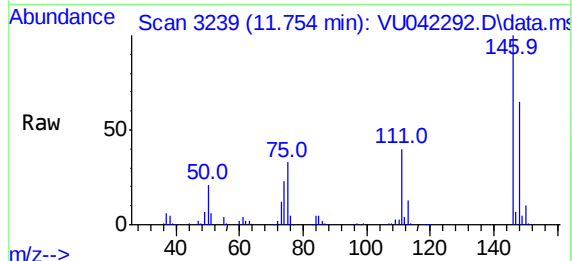




#62
1,3-Dichlorobenzene
Concen: 5.08 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

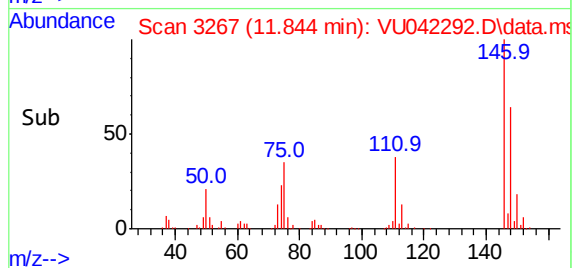
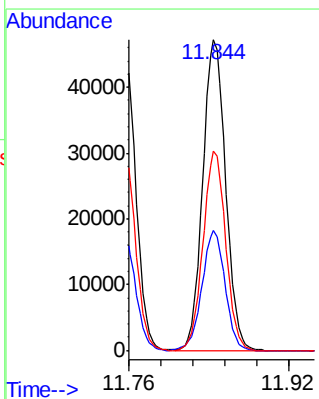
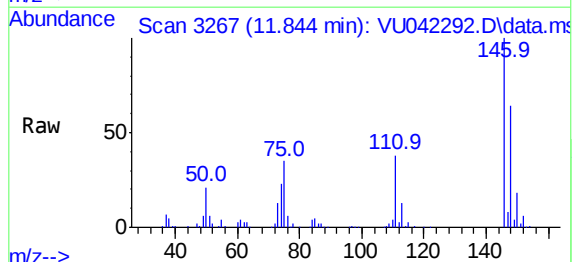
Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

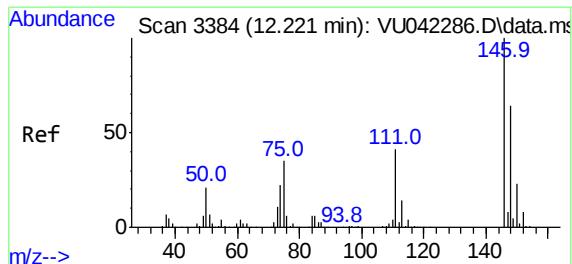
Tgt Ion:146 Resp: 75157
Ion Ratio Lower Upper
146 100
111 40.2 27.2 50.4
148 64.6 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 5.08 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion:146 Resp: 75277
Ion Ratio Lower Upper
146 100
111 38.4 25.8 47.8
148 64.2 44.1 81.9

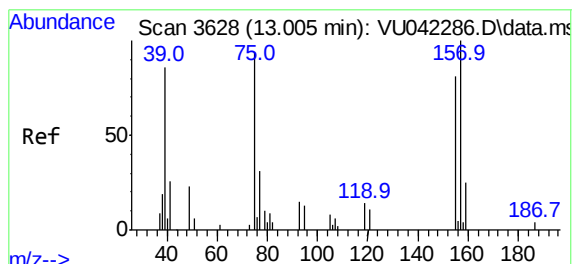
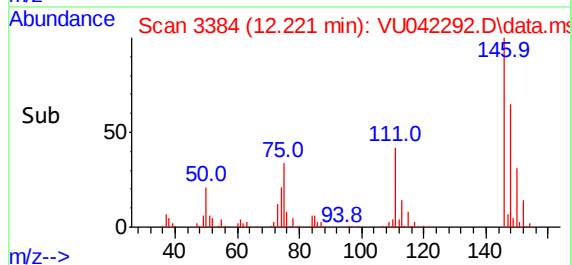
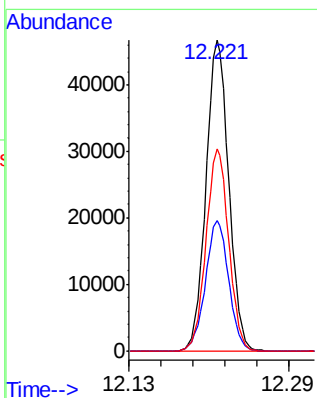
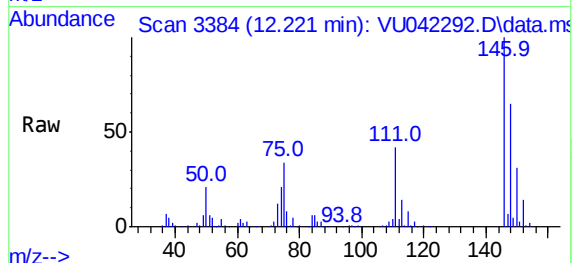




#65
1,2-Dichlorobenzene
Concen: 5.35 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

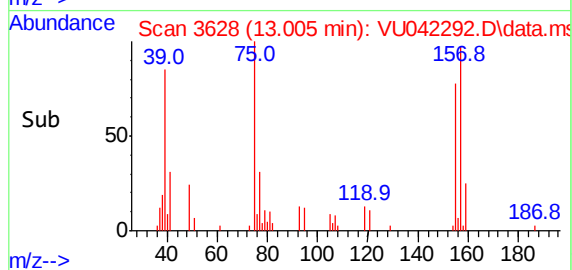
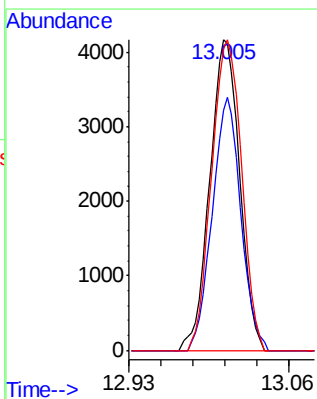
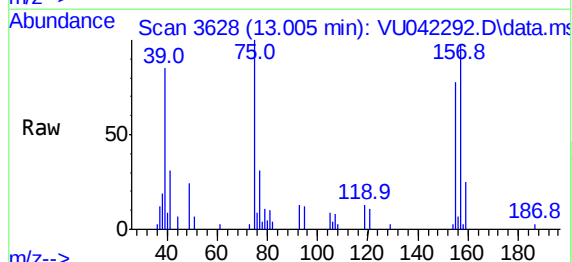
Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

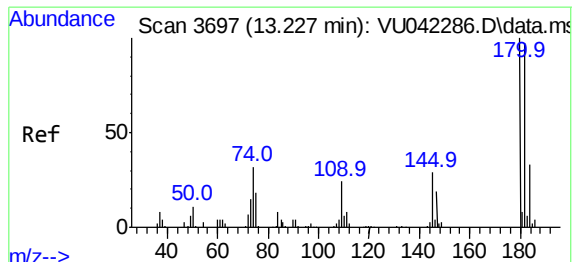
Tgt Ion:146 Resp: 73678
Ion Ratio Lower Upper
146 100
111 42.0 32.7 49.1
148 64.8 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 5.56 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 75 Resp: 6837
Ion Ratio Lower Upper
75 100
155 77.6 69.0 103.6
157 97.3 91.0 136.6

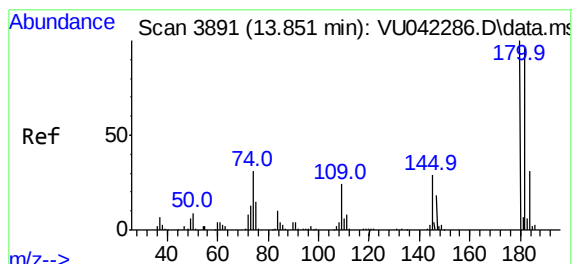
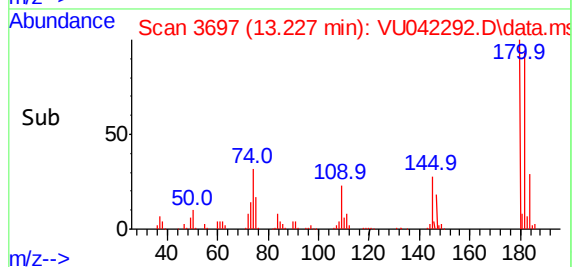
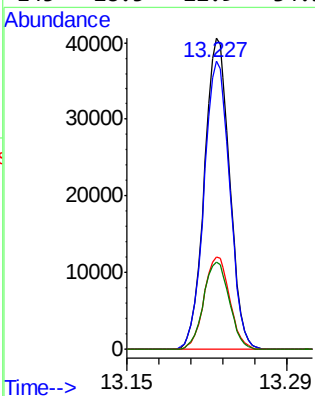
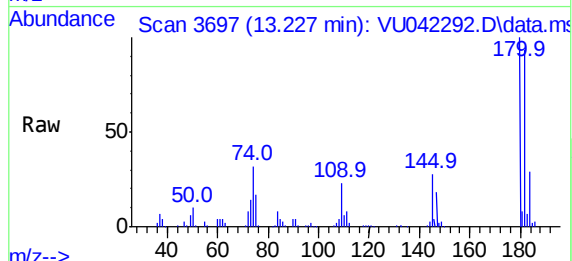




#67
1,3,5-Trichlorobenzene
Concen: 5.37 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

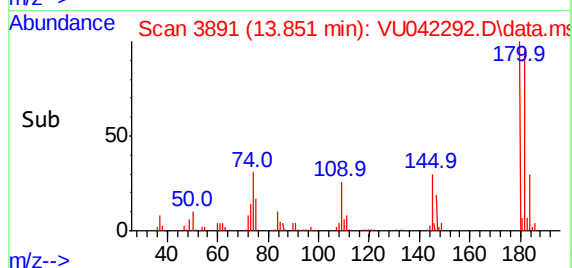
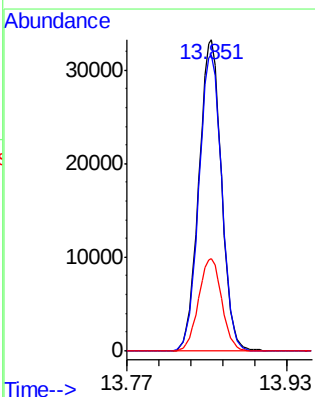
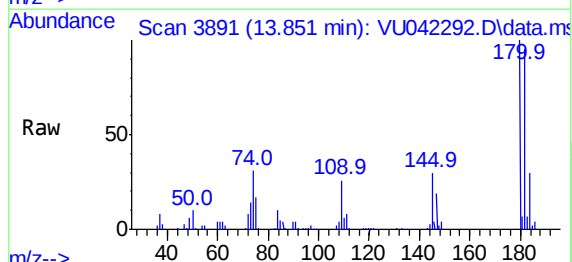
Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

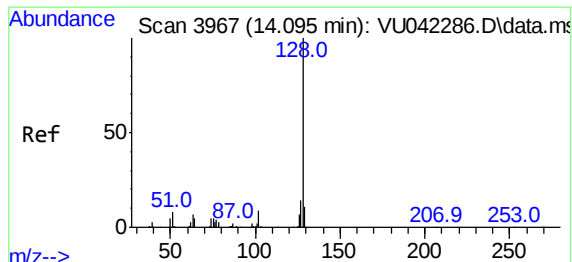
Tgt Ion:180 Resp: 63589
Ion Ratio Lower Upper
180 100
182 94.4 76.4 114.6
184 30.0 23.9 35.9
145 28.5 22.9 34.3



#68
1,2,4-trichlorobenzene
Concen: 5.54 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion:180 Resp: 51955
Ion Ratio Lower Upper
180 100
182 96.6 76.3 114.5
145 30.3 23.7 35.5

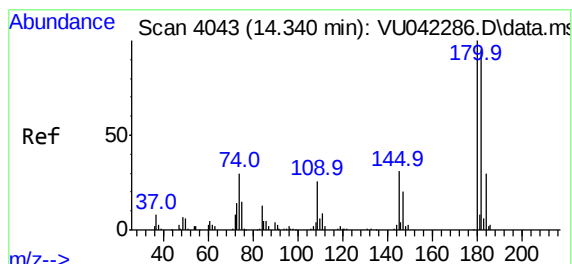
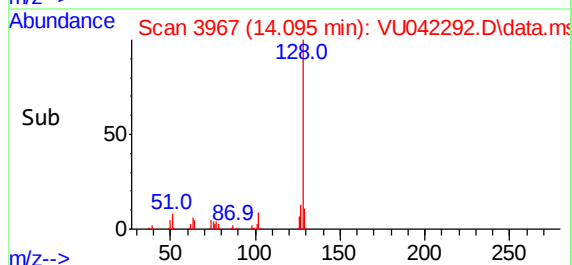
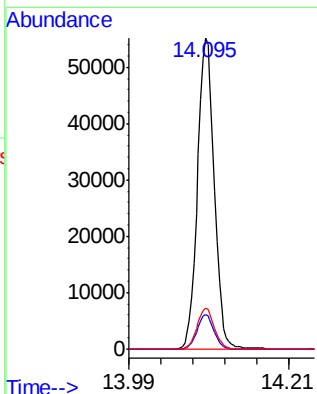
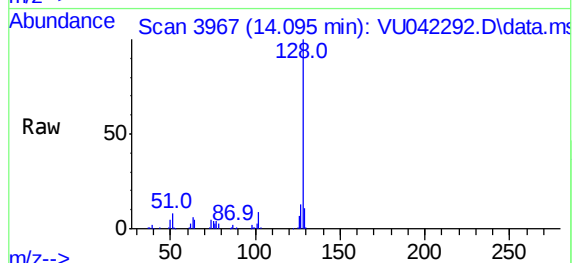




#69
Naphthalene
Concen: 6.45 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

Tgt Ion:128 Resp: 88435
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.4 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 5.72 ug/L
RT: 14.339 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VU042292.D
Acq: 08 Feb 2021 13:24

Tgt Ion:180 Resp: 47439
Ion Ratio Lower Upper
180 100
182 96.1 75.6 113.4
145 31.9 24.7 37.1

