

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042221\
 Data File : VU043284.D
 Acq On : 22 Apr 2021 17:36
 Operator : SY/MD
 Sample : M2127-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005144

Quant Time: Apr 22 23:42:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 23:39:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	99153	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	99606	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	53848	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19433	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.922	69	18123	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.40%
11) 1,1-Dichloroethene-d2	2.575	65	13726	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	4.665	46	134516	60.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.66%
24) Chloroform-d	5.073	84	66633	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.713	65	42357	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.738	84	113711	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.700	67	39375	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.906	98	104730	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloroprop...	8.185	79	14924	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.645	63	83044	49.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.04%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	37414	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	42586	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	16329	2.57	ug/L	97
3) Chloromethane	1.523	50	23697	3.79	ug/L	100
5) Vinyl chloride	1.610	62	23976	3.68	ug/L	100
6) Bromomethane	1.864	94	14876	3.83	ug/L	96
8) Chloroethane	1.941	64	16849	3.59	ug/L	98
9) Trichlorofluoromethane	2.147	101	48372	3.98	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	30934	4.72	ug/L	95
12) 1,1-Dichloroethene	2.587	96	28779	5.22	ug/L	83
13) Acetone	2.694	43	82003	50.47	ug/L	# 66
14) Carbon disulfide	2.803	76	80487	5.73	ug/L	98
15) Methyl Acetate	2.973	43	15693	5.14	ug/L	# 62
16) Methylene chloride	3.057	84	34457	4.83	ug/L	# 78
17) Methyl tert-butyl Ether	3.375	73	87432	4.85	ug/L	# 88
18) trans-1,2-Dichloroethene	3.362	96	30835	5.25	ug/L	84
19) 1,1-Dichloroethane	3.883	63	68072	5.32	ug/L	97
21) 2-Butanone	4.742	43	164549	61.36	ug/L	78
22) cis-1,2-Dichloroethene	4.677	96	35409	5.09	ug/L	83
23) Bromochloromethane	4.986	128	18231	5.74	ug/L	# 79
25) Chloroform	5.099	83	72478	5.31	ug/L	97

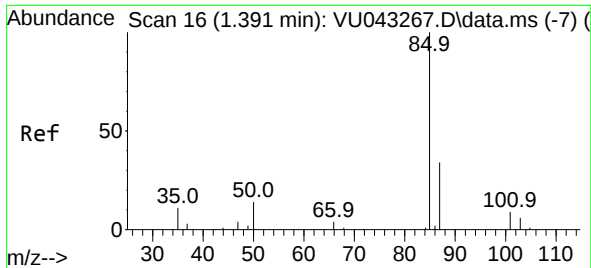
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042221\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	56282	5.62	ug/L #	93
29) 1,1,1-Trichloroethane	5.327	97	62402	5.08	ug/L #	94
30) Cyclohexane	5.401	56	53240	5.05	ug/L #	83
31) Carbon tetrachloride	5.533	117	52558	5.13	ug/L	99
33) Benzene	5.783	78	142727	5.36	ug/L	100
34) Trichloroethene	6.549	95	36254	4.94	ug/L	97
35) Methylcyclohexane	6.771	83	47416	4.67	ug/L #	86
37) 1,2-Dichloropropane	6.800	63	41873	5.58	ug/L	98
38) Bromodichloromethane	7.115	83	52411	5.21	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	51382	4.69	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	408777	60.93	ug/L #	82
42) Toluene	7.976	91	157838	5.30	ug/L	98
44) trans-1,3-Dichloropropene	8.217	75	47647	4.61	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	30541	5.45	ug/L	96
47) Tetrachloroethene	8.561	164	29404	5.06	ug/L	95
48) 2-Hexanone	8.697	43	307975	62.39	ug/L #	83
49) Dibromochloromethane	8.816	129	36969	5.23	ug/L	99
50) 1,2-Dibromoethane	8.931	107	29522	5.30	ug/L #	99
51) Chlorobenzene	9.452	112	96545	5.09	ug/L	91
52) Ethylbenzene	9.578	91	165373	4.85	ug/L	99
53) m,p-Xylene	9.700	106	61280	4.92	ug/L	87
54) o-Xylene	10.108	106	59797	4.84	ug/L	93
55) Styrene	10.121	104	106607	5.04	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.790	83	42013	5.70	ug/L	99
59) Bromoform	10.298	173	23192	5.27	ug/L	96
60) Isopropylbenzene	10.491	105	163835	4.74	ug/L	97
61) 1,2,3-Trichloropropane	10.828	75	31904	5.73	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	128429	4.54	ug/L	97
63) 1,2,4-Trimethylbenzene	11.475	105	132612	4.56	ug/L	96
64) 1,3-Dichlorobenzene	11.751	146	79405	4.84	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	81302	4.89	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	79051	4.96	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.005	75	7279	5.38	ug/L	93
69) 1,3,5-Trichlorobenzene	13.227	180	61468	4.57	ug/L	98
70) 1,2,4-trichlorobenzene	13.847	180	51278	4.60	ug/L	98
71) Naphthalene	14.095	128	99017	5.27	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	51835	5.08	ug/L	98

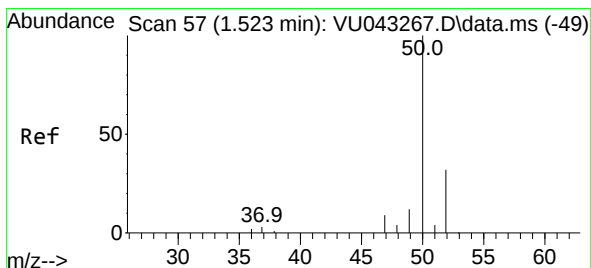
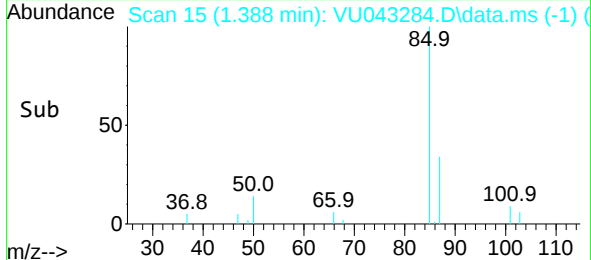
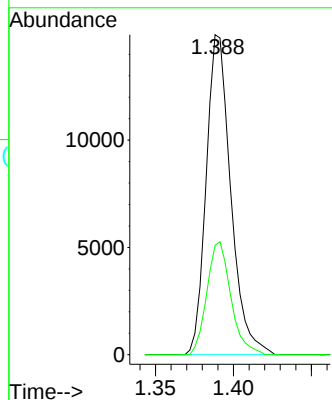
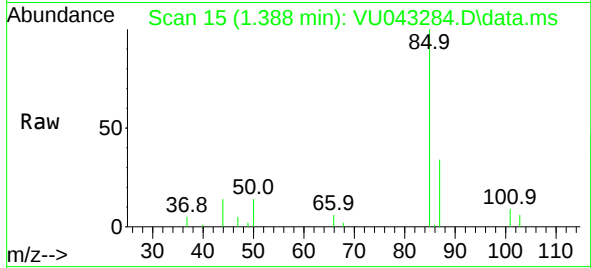
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 2.57 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. -0.003 min
 Lab File: VU043284.D
 Acq: 22 Apr 2021 17:36

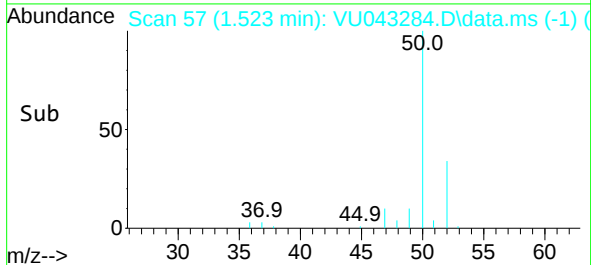
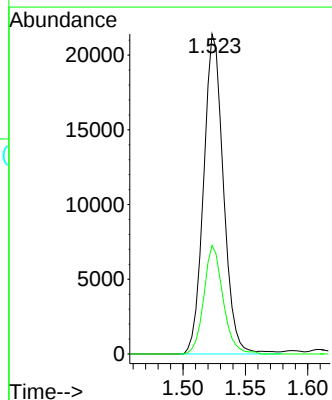
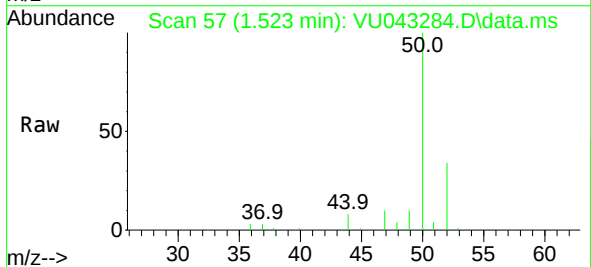
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005144

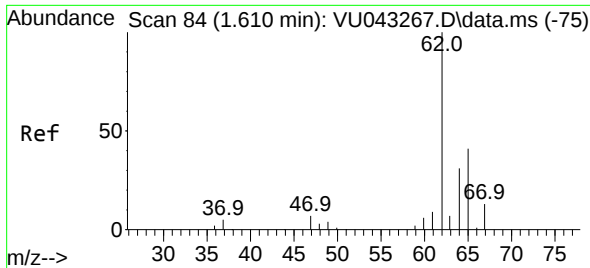
Tgt Ion: 85 Resp: 16329
 Ion Ratio Lower Upper
 85 100
 87 34.4 26.3 39.5



#3
 Chloromethane
 Concen: 3.79 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. -0.000 min
 Lab File: VU043284.D
 Acq: 22 Apr 2021 17:36

Tgt Ion: 50 Resp: 23697
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.6 43.8

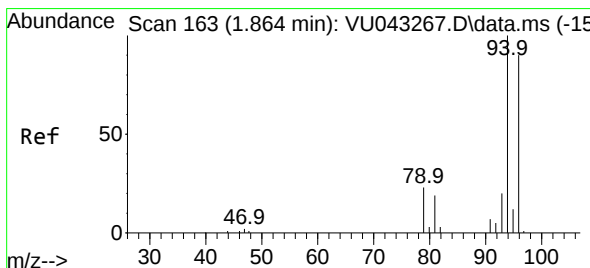
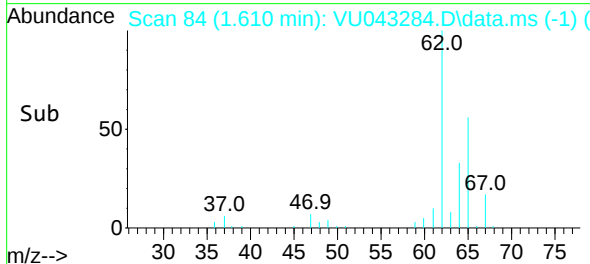
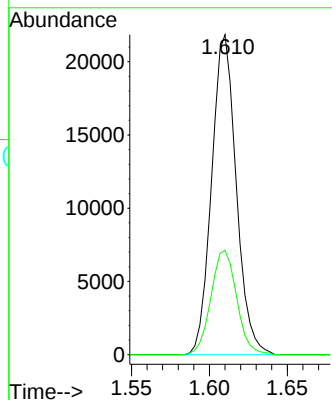
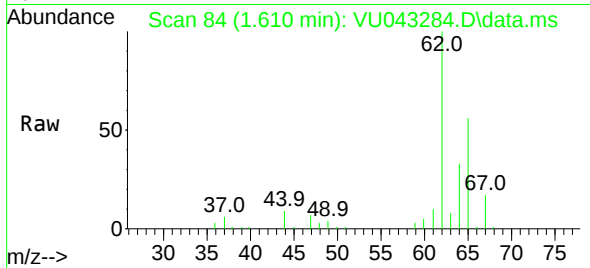




#5
 Vinyl chloride
 Concen: 3.68 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VU043284.D
 Acq: 22 Apr 2021 17:36

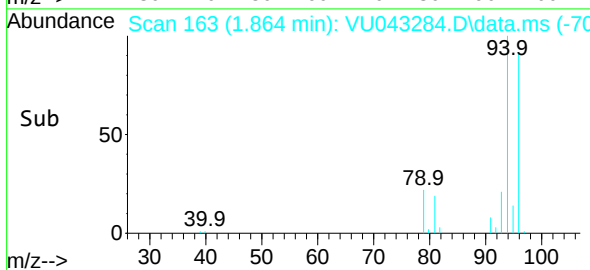
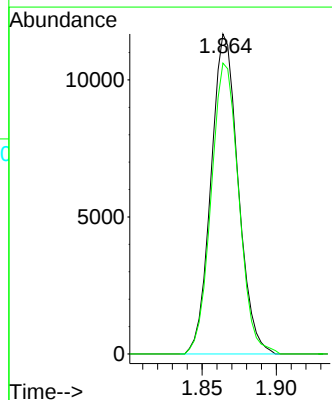
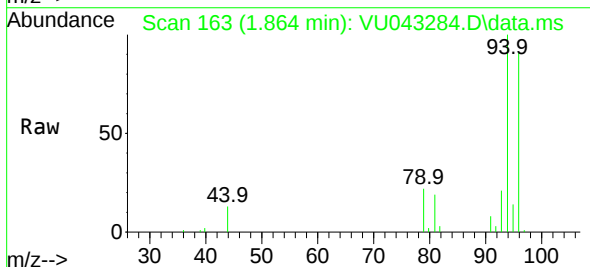
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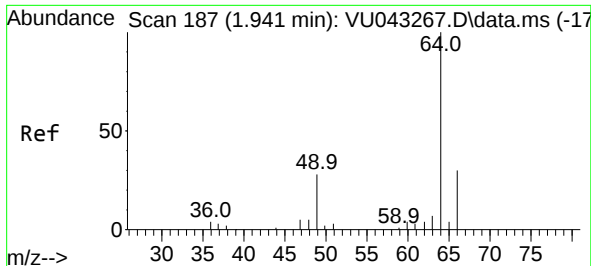
Tgt Ion: 62 Resp: 23976
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.8 42.4



#6
 Bromomethane
 Concen: 3.83 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU043284.D
 Acq: 22 Apr 2021 17:36

Tgt Ion: 94 Resp: 14876
 Ion Ratio Lower Upper
 94 100
 96 90.9 66.1 122.7

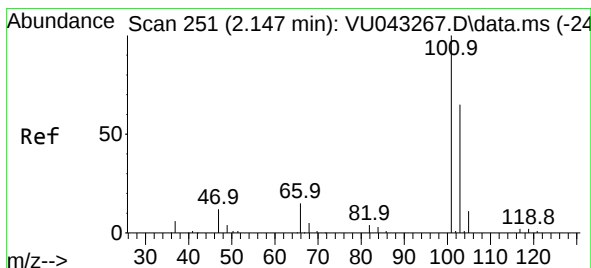
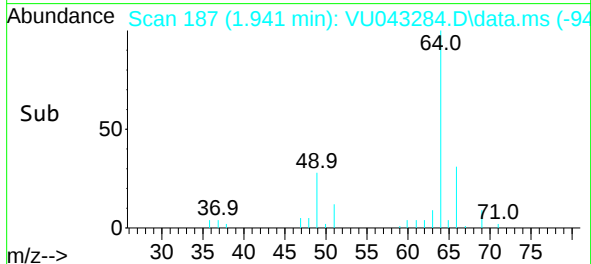
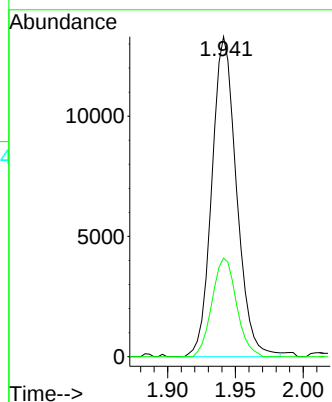
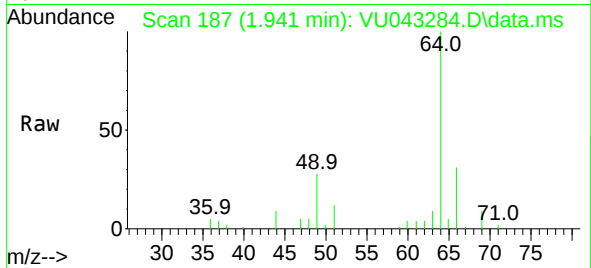




#8
Chloroethane
Concen: 3.59 ug/L
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

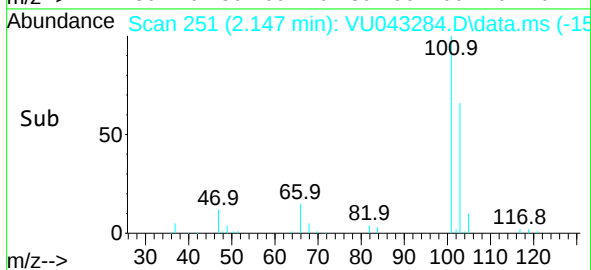
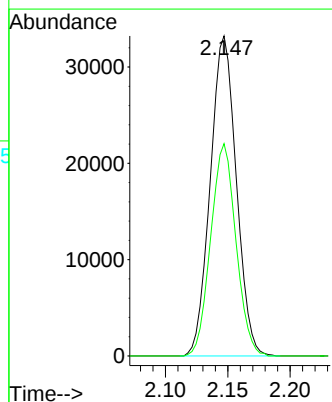
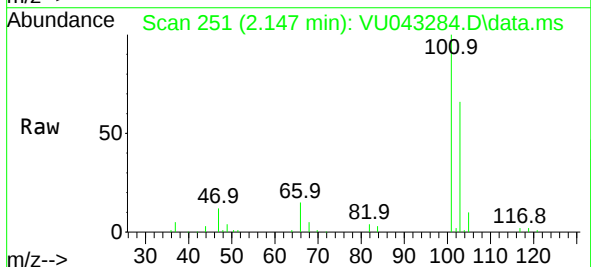
Instrument :
MSVOA_U
ClientSampleId :
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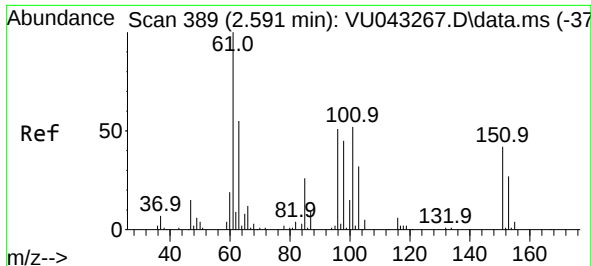
Tgt Ion: 64 Resp: 16849
Ion Ratio Lower Upper
64 100
66 30.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 3.98 ug/L
RT: 2.147 min Scan# 251
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion:101 Resp: 48372
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3

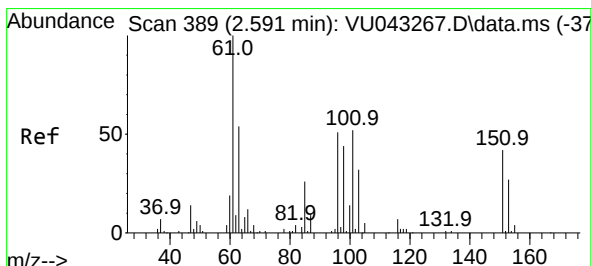
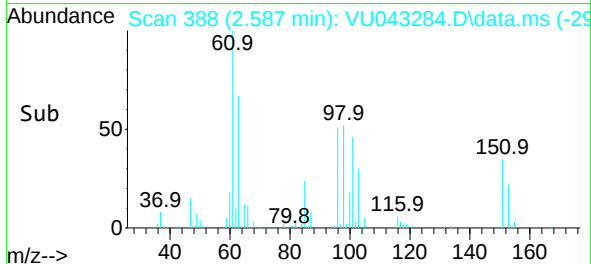
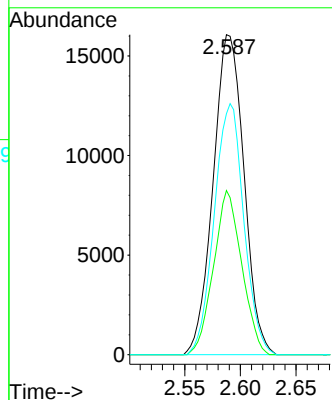
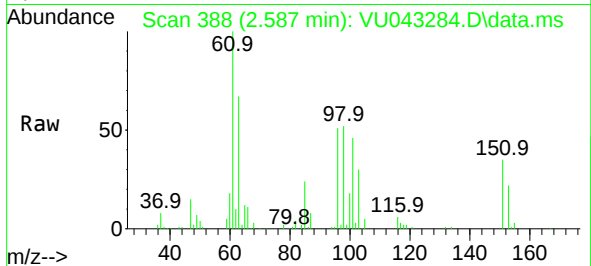




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.72 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU043284.D
 Acq: 22 Apr 2021 17:36

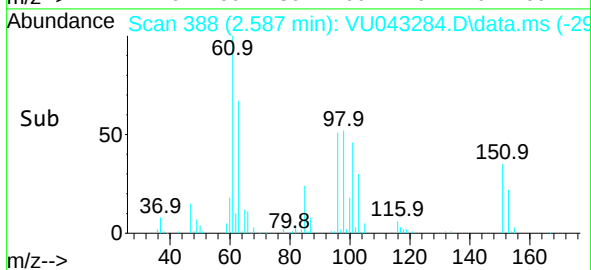
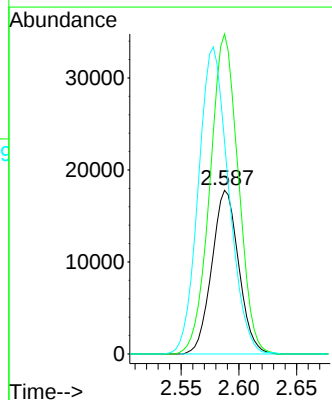
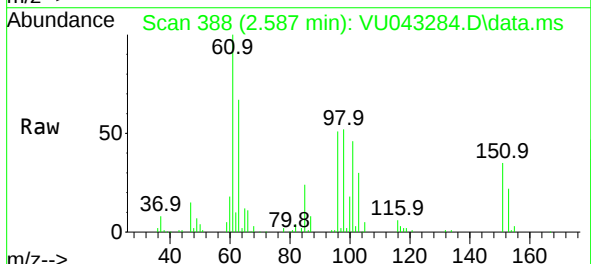
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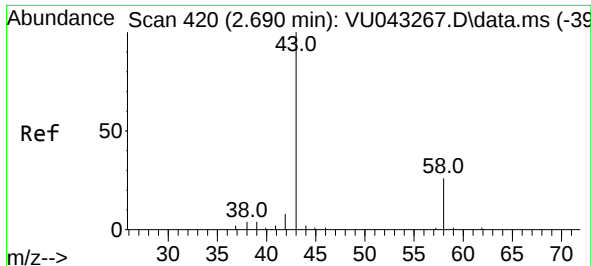
Tgt Ion:101 Resp: 30934
 Ion Ratio Lower Upper
 101 100
 85 46.9 34.5 51.7
 151 75.4 57.4 86.2



#12
 1,1-Dichloroethene
 Concen: 5.22 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU043284.D
 Acq: 22 Apr 2021 17:36

Tgt Ion: 96 Resp: 28779
 Ion Ratio Lower Upper
 96 100
 61 195.5 115.1 213.7
 63 130.1 84.1 156.1

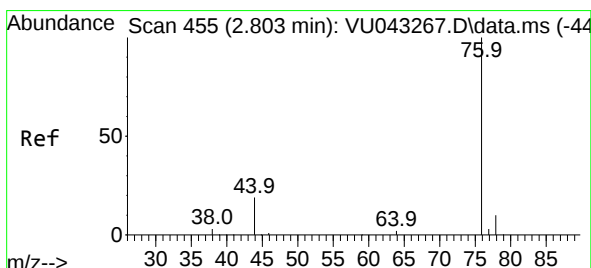
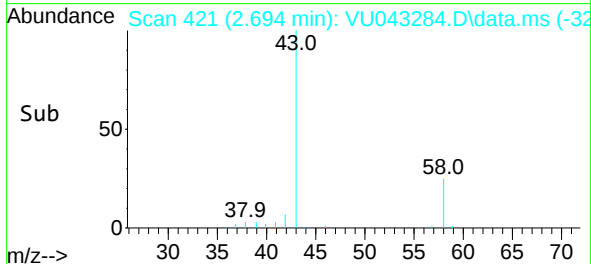
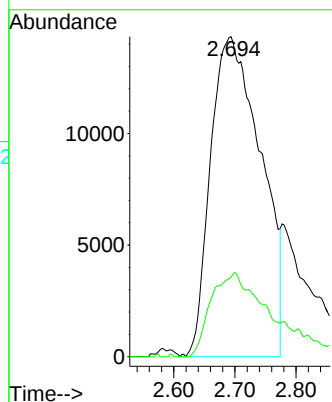
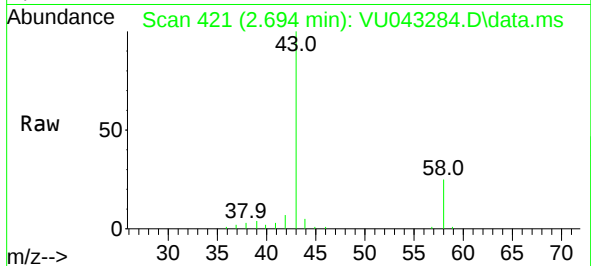




#13
Acetone
Concen: 50.47 ug/L
RT: 2.694 min Scan# 421
Delta R.T. 0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

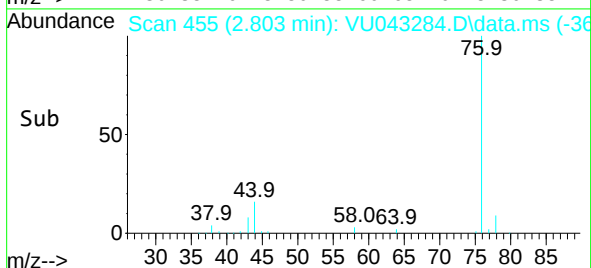
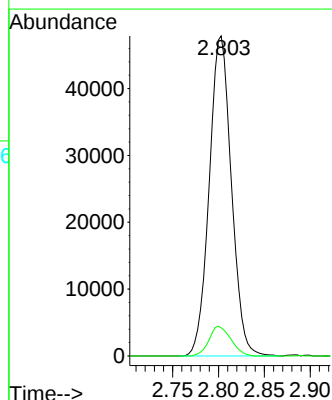
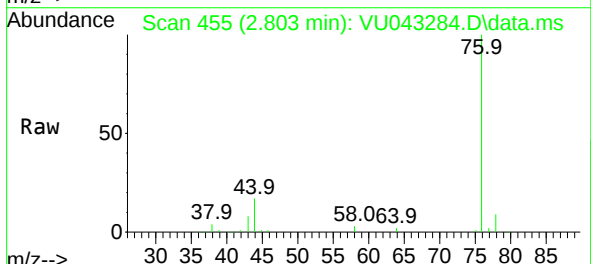
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

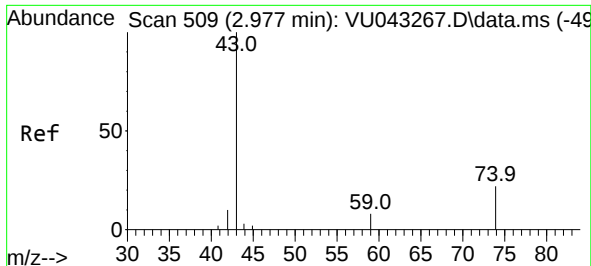
Tgt Ion: 43 Resp: 82003
Ion Ratio Lower Upper
43 100
58 26.0 0.0 25.0#



#14
Carbon disulfide
Concen: 5.73 ug/L
RT: 2.803 min Scan# 455
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion: 76 Resp: 80487
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

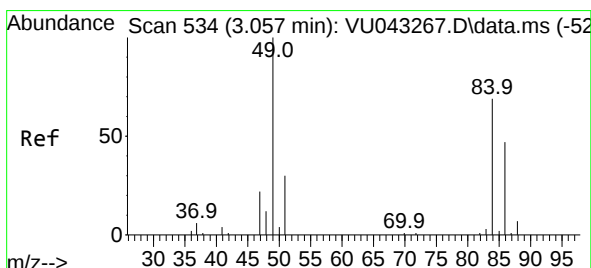
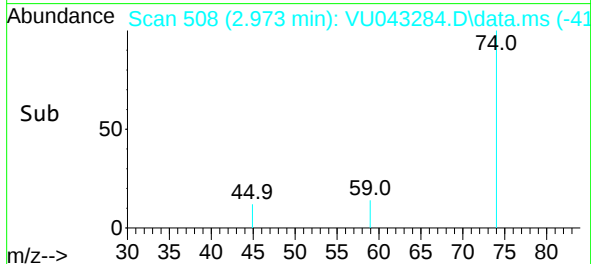
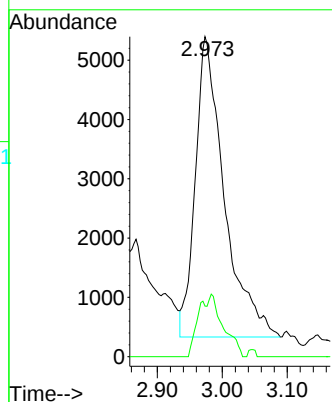
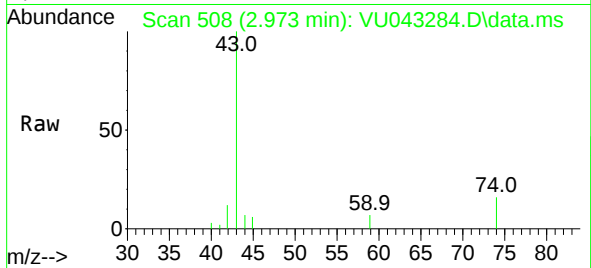




#15
Methyl Acetate
Concen: 5.14 ug/L
RT: 2.973 min Scan# 508
Delta R.T. -0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

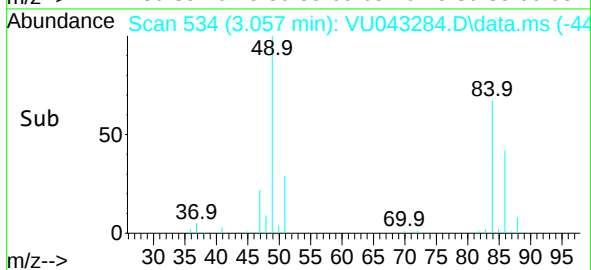
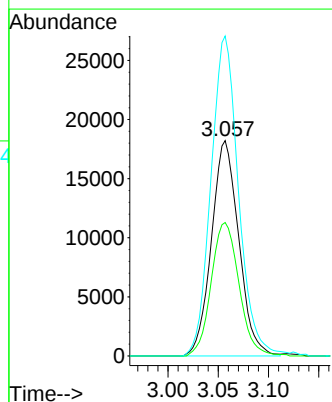
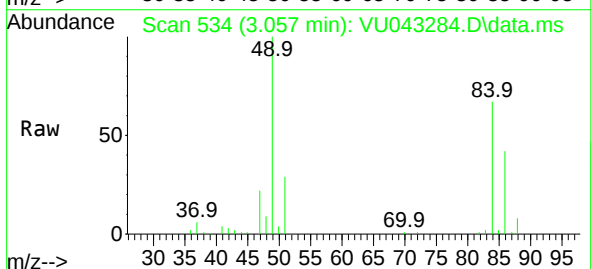
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

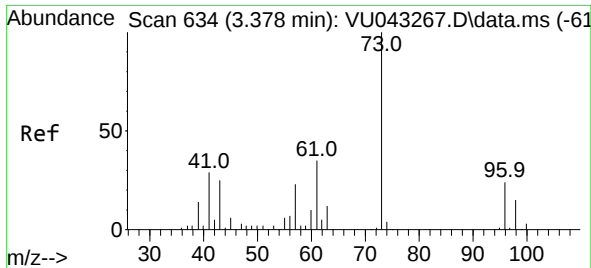
Tgt Ion: 43 Resp: 15693
Ion Ratio Lower Upper
43 100
74 7.1 21.5 32.3#



#16
Methylene chloride
Concen: 4.83 ug/L
RT: 3.057 min Scan# 534
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion: 84 Resp: 34457
Ion Ratio Lower Upper
84 100
86 62.0 44.9 83.5
49 148.6 79.0 146.8#



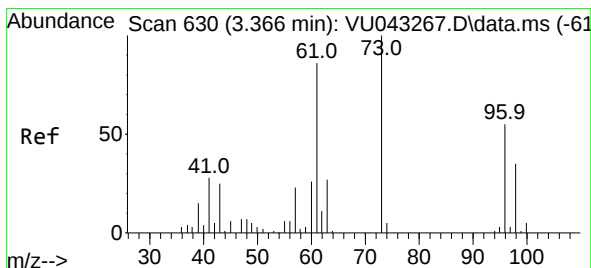
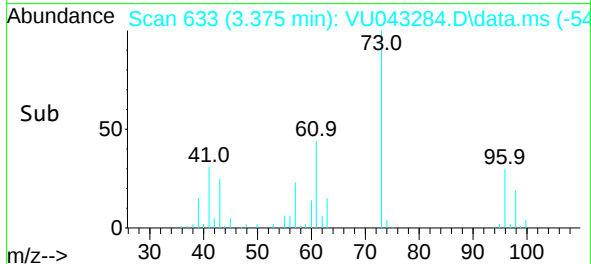
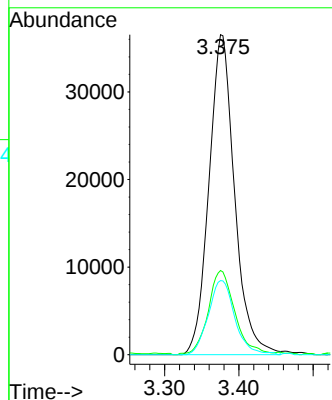
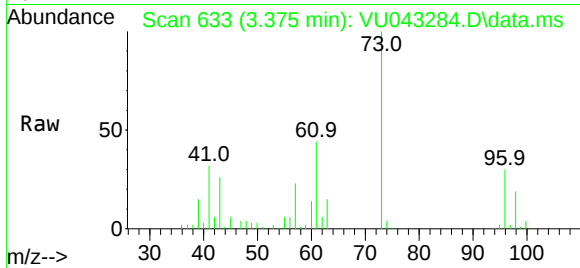


#17

Methyl tert-butyl Ether
Concen: 4.85 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

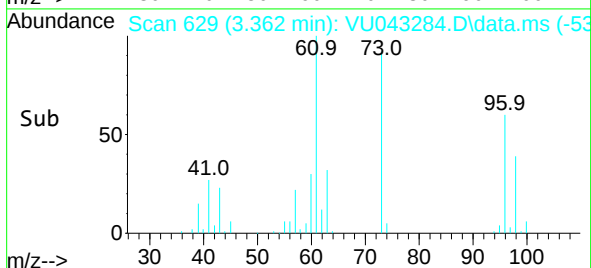
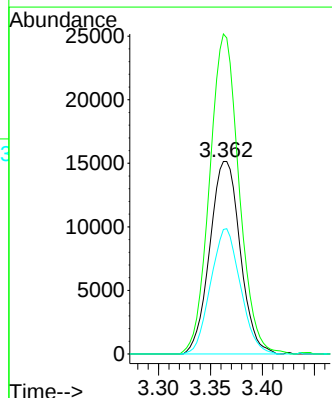
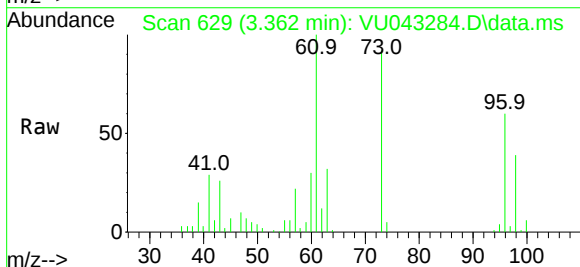
Tgt Ion: 73	Resp: 87432
Ion Ratio	Lower Upper
73 100	
43 27.4	15.0 22.4#
57 23.9	17.3 25.9

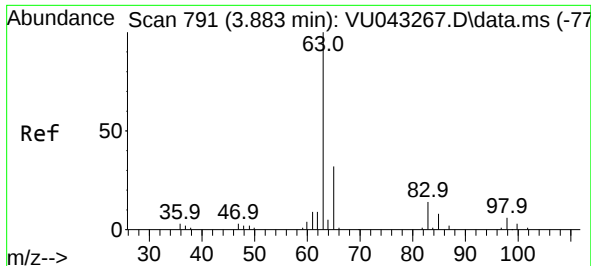


#18

trans-1,2-Dichloroethene
Concen: 5.25 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion: 96	Resp: 30835
Ion Ratio	Lower Upper
96 100	
61 166.2	96.6 179.4
98 64.7	44.7 82.9





#19

1,1-Dichloroethane

Concen: 5.32 ug/L

RT: 3.883 min Scan# 791

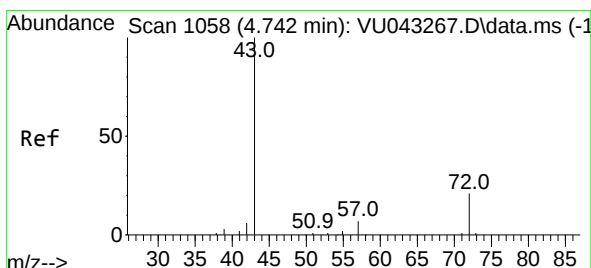
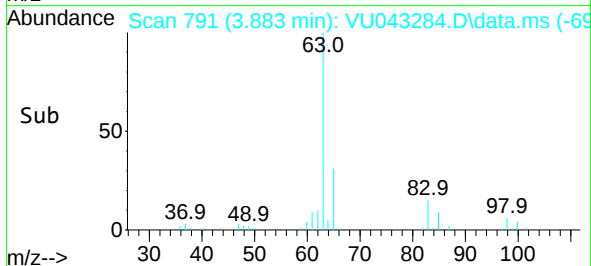
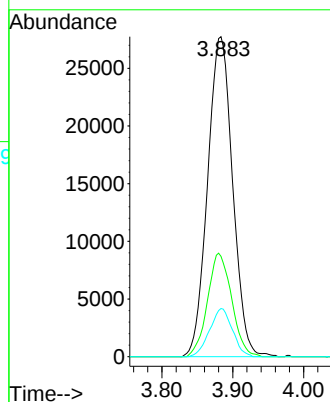
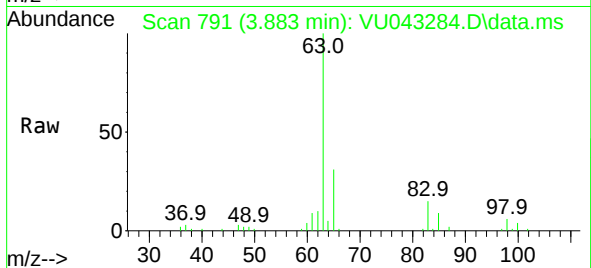
Delta R.T. -0.000 min

Lab File: VU043284.D

Acq: 22 Apr 2021 17:36

Tgt Ion:	63	Resp:	68072
Ion	Ratio	Lower	Upper
63	100		
65	31.3	23.2	43.0
83	15.0	9.9	18.3

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144



#21

2-Butanone

Concen: 61.36 ug/L

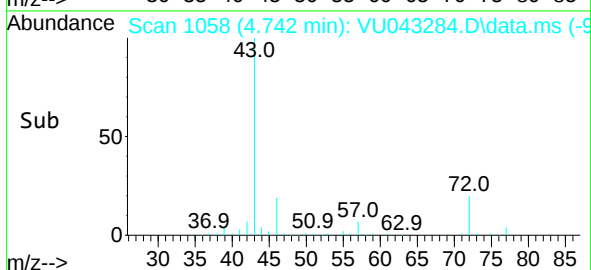
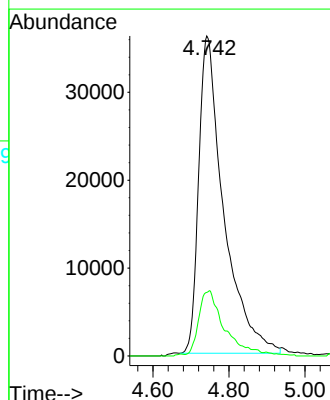
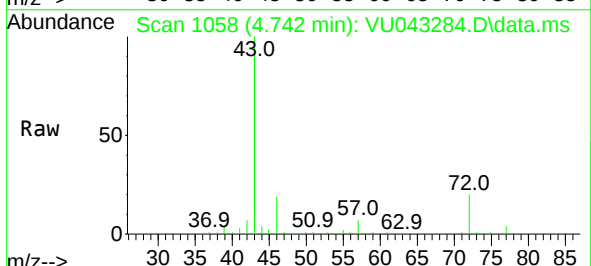
RT: 4.742 min Scan# 1058

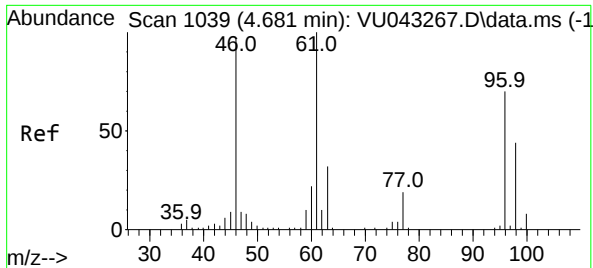
Delta R.T. -0.000 min

Lab File: VU043284.D

Acq: 22 Apr 2021 17:36

Tgt Ion:	43	Resp:	164549
Ion	Ratio	Lower	Upper
43	100		
72	19.5	15.8	47.3

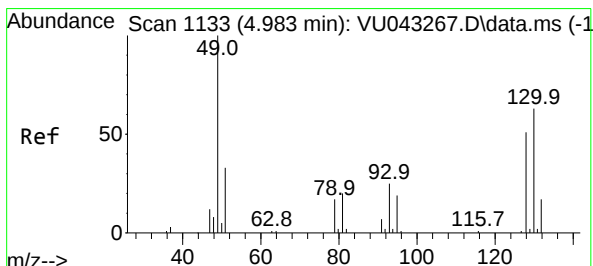
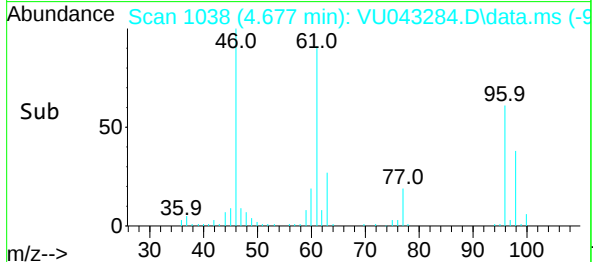
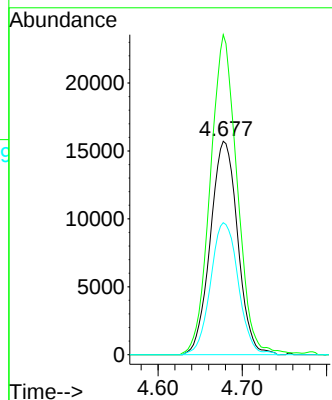
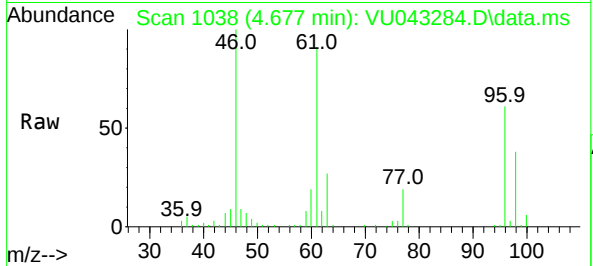




#22
cis-1,2-Dichloroethene
Concen: 5.09 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. -0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

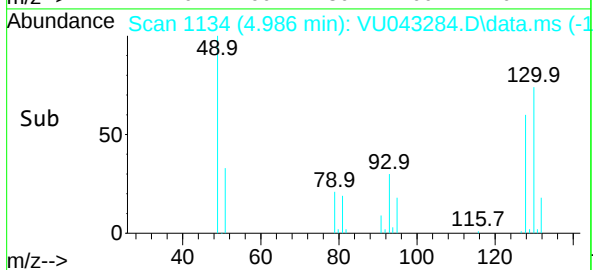
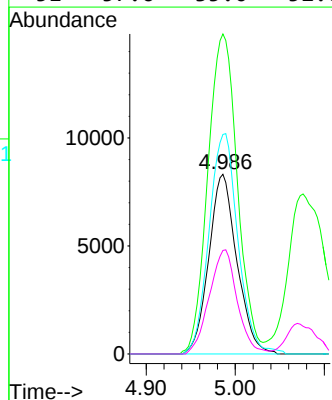
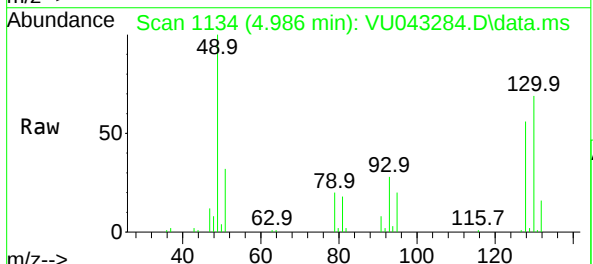
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

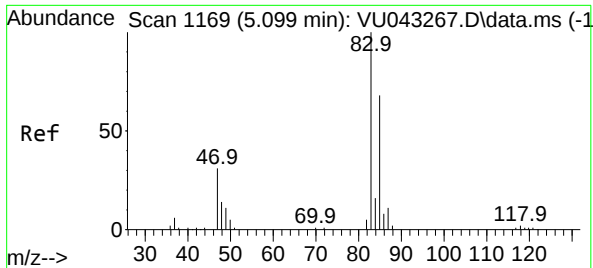
Tgt Ion:	96	Resp:	35409
Ion	Ratio	Lower	Upper
96	100		
61	149.9	87.4	162.4
98	61.8	47.7	88.5



#23
Bromochloromethane
Concen: 5.74 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. 0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion:	128	Resp:	18231
Ion	Ratio	Lower	Upper
128	100		
49	178.1	96.4	179.0
130	122.1	91.2	169.4
51	57.6	35.0	52.6#

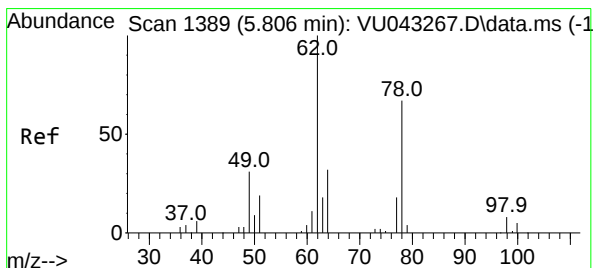
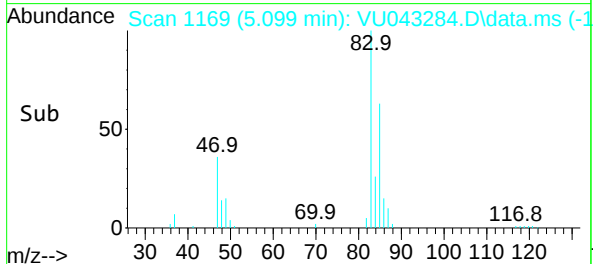
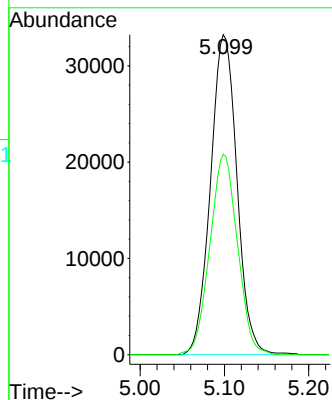
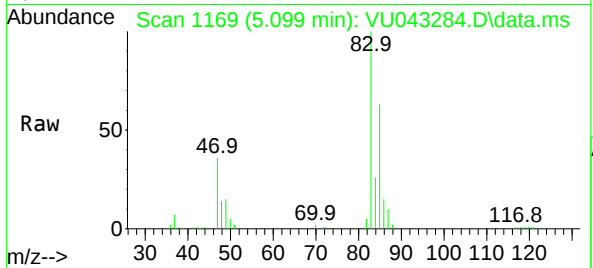




#25
Chloroform
Concen: 5.31 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

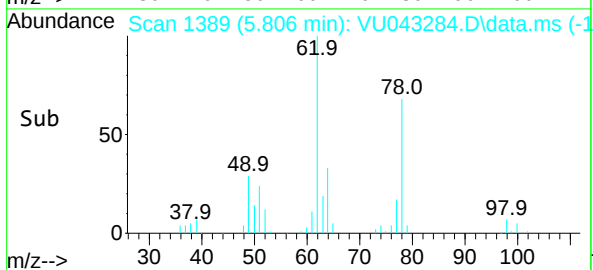
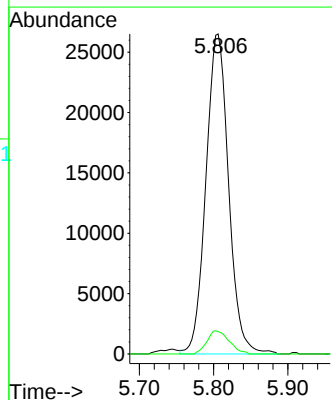
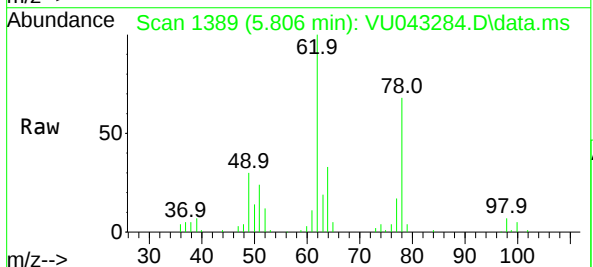
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

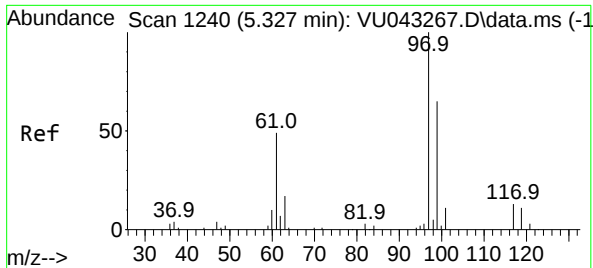
Tgt Ion: 83 Resp: 72478
Ion Ratio Lower Upper
83 100
85 62.7 45.6 84.8



#27
1,2-Dichloroethane
Concen: 5.62 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion: 62 Resp: 56282
Ion Ratio Lower Upper
62 100
98 7.0 7.5 11.3#

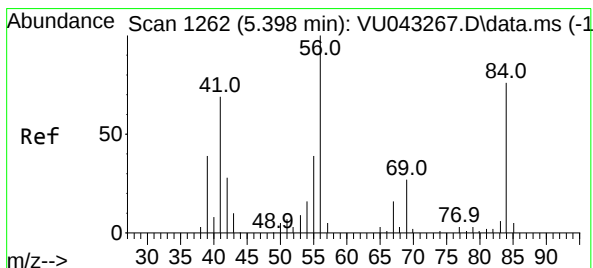
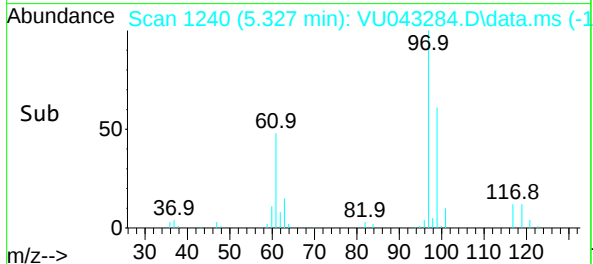
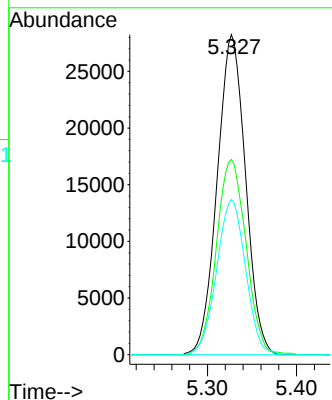
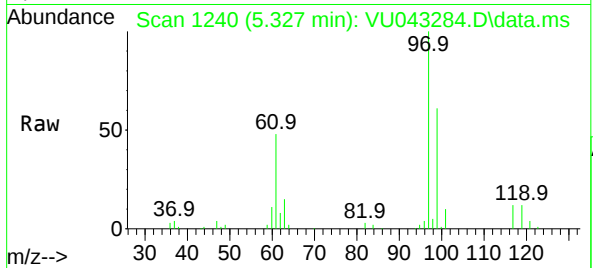




#29
1,1,1-Trichloroethane
Concen: 5.08 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

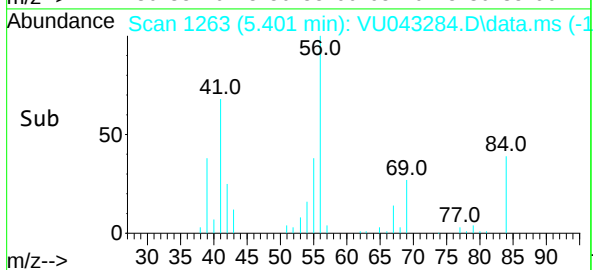
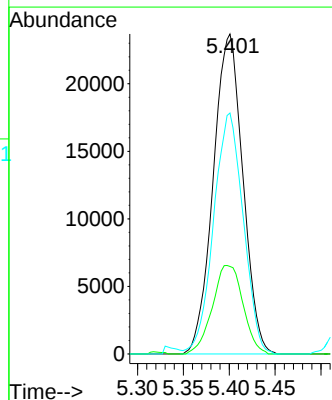
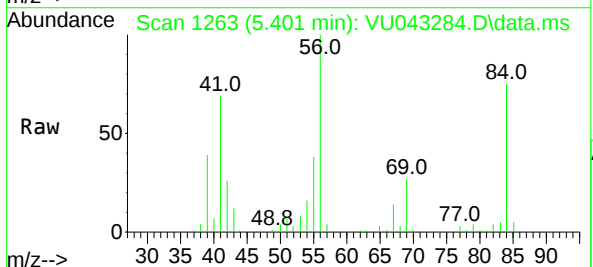
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

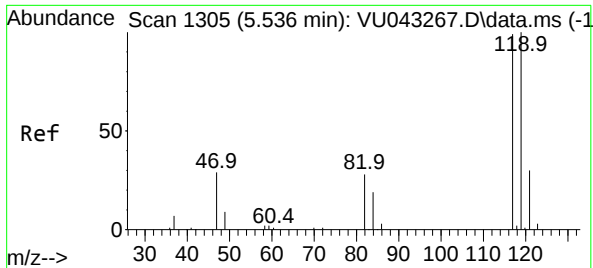
Tgt Ion: 97 Resp: 62402
Ion Ratio Lower Upper
97 100
99 63.9 50.3 75.5
61 49.6 32.7 49.1#



#30
Cyclohexane
Concen: 5.05 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion: 56 Resp: 53240
Ion Ratio Lower Upper
56 100
69 28.5 25.2 37.8
84 75.3 76.2 114.4#

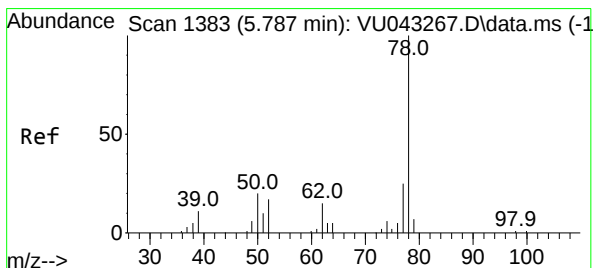
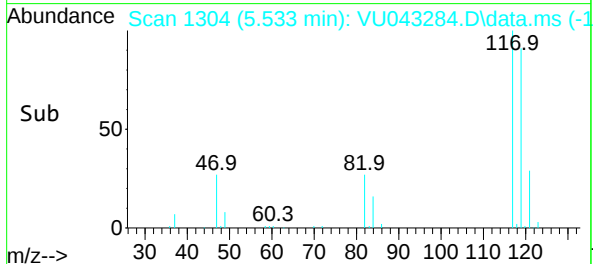
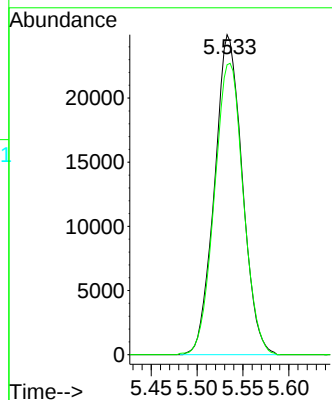
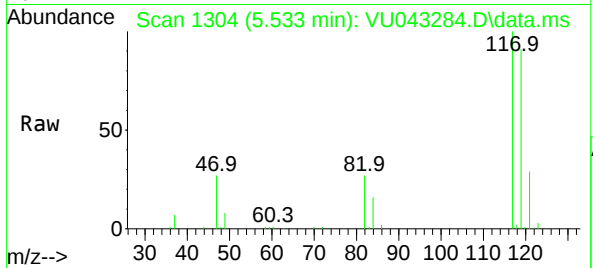




#31
Carbon tetrachloride
Concen: 5.13 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

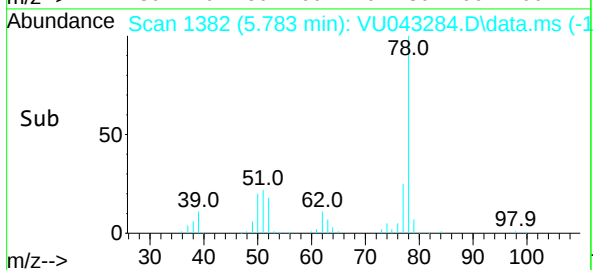
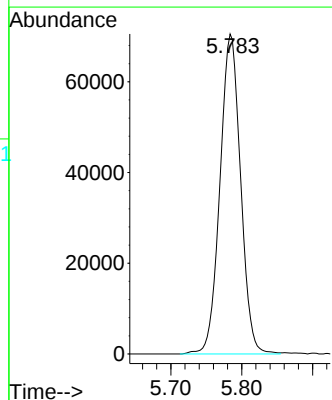
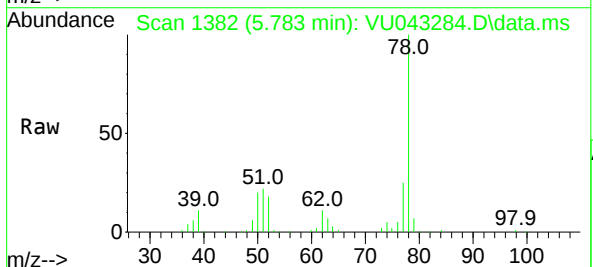
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

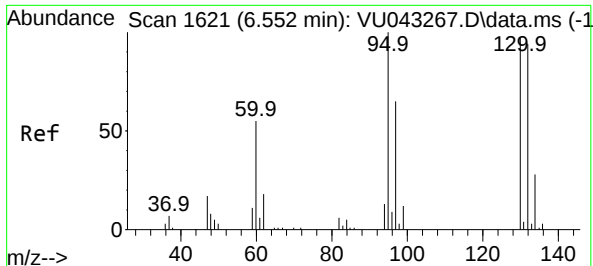
Tgt Ion:117 Resp: 52558
Ion Ratio Lower Upper
117 100
119 94.8 76.2 114.4



#33
Benzene
Concen: 5.36 ug/L
RT: 5.783 min Scan# 1382
Delta R.T. -0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion: 78 Resp: 142727



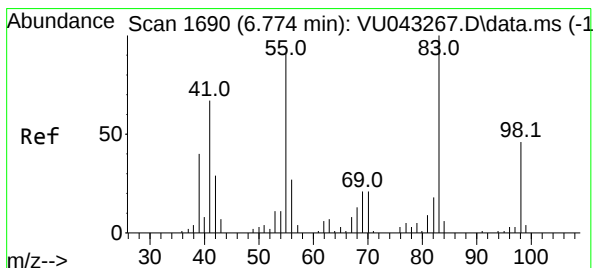
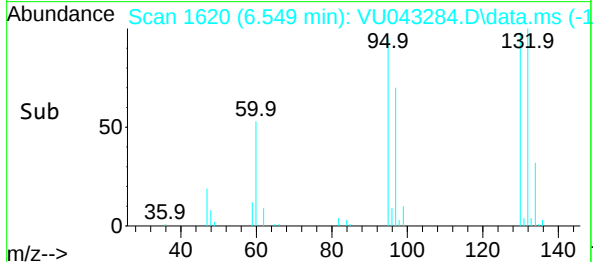
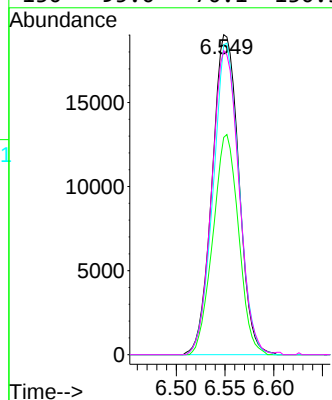
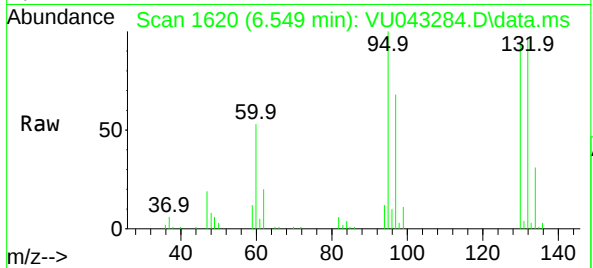


#34
Trichloroethene
Concen: 4.94 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

Tgt Ion: 95 Resp: 36254

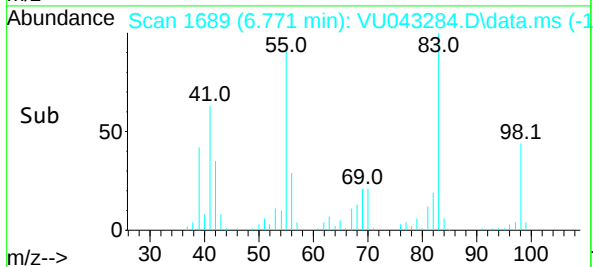
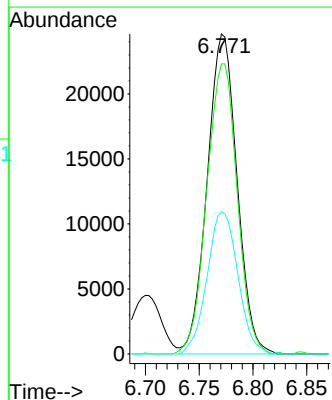
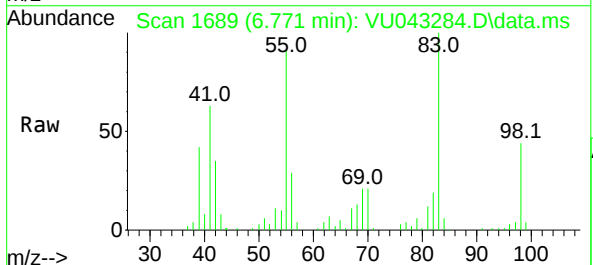
Ion	Ratio	Lower	Upper
95	100		
97	67.9	45.8	85.2
132	96.8	68.7	127.7
130	95.0	70.1	130.3

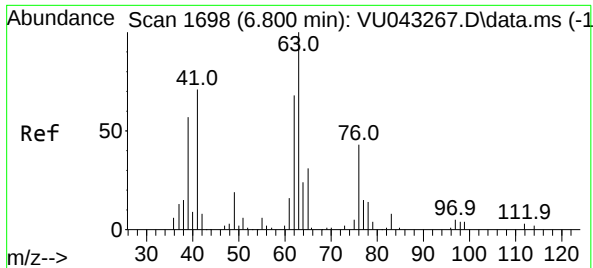


#35
Methylcyclohexane
Concen: 4.67 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion: 83 Resp: 47416

Ion	Ratio	Lower	Upper
83	100		
55	92.7	59.5	89.3#
98	45.9	37.9	56.9

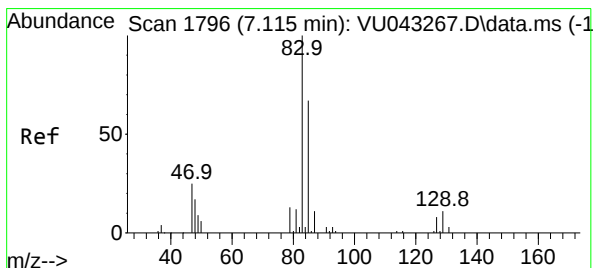
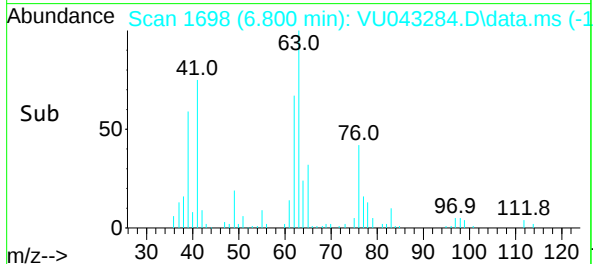
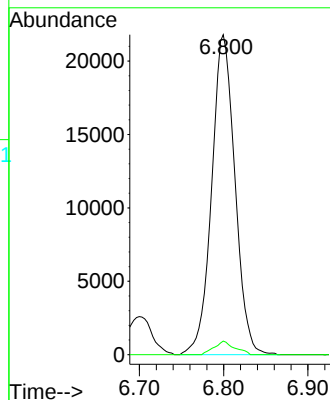
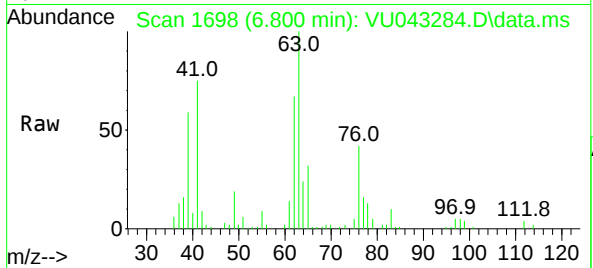




#37
1,2-Dichloropropane
Concen: 5.58 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

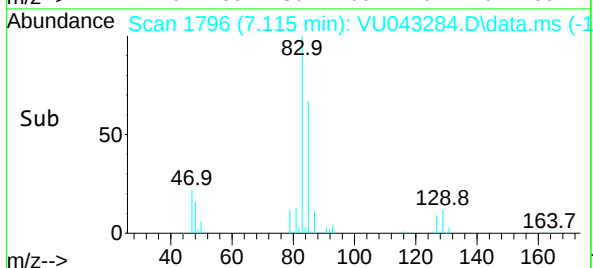
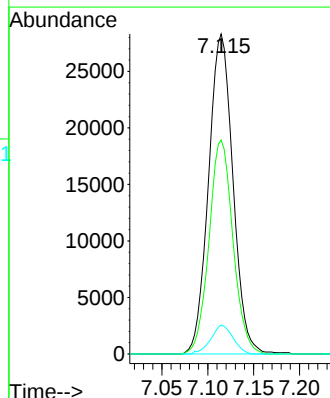
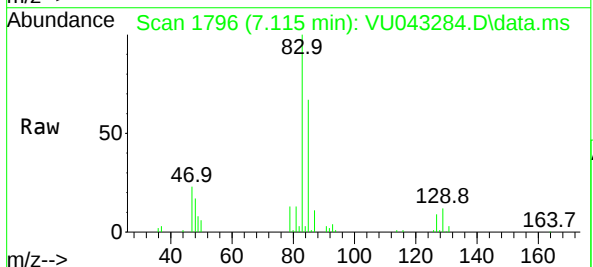
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

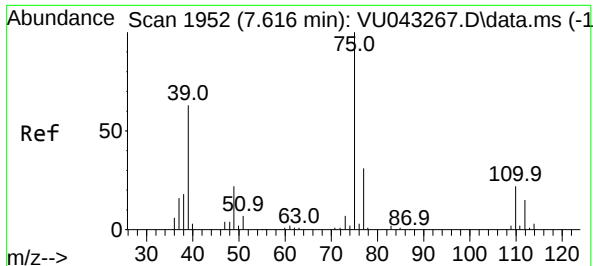
Tgt Ion: 63 Resp: 41873
Ion Ratio Lower Upper
63 100
112 3.7 3.5 5.3



#38
Bromodichloromethane
Concen: 5.21 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion: 83 Resp: 52411
Ion Ratio Lower Upper
83 100
85 66.9 44.6 82.8
127 9.0 7.4 11.2



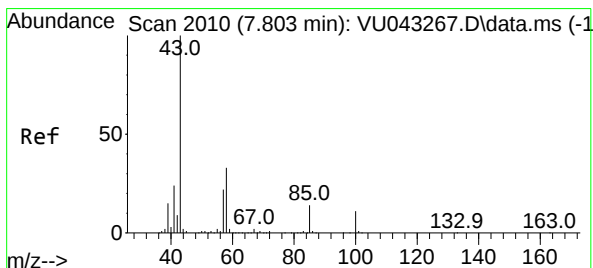
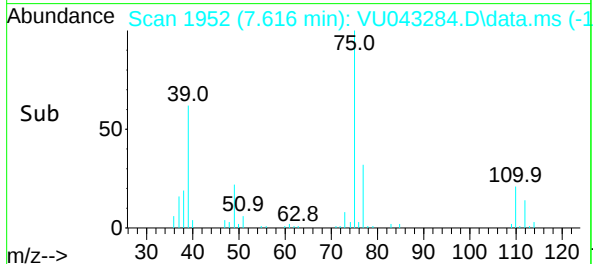
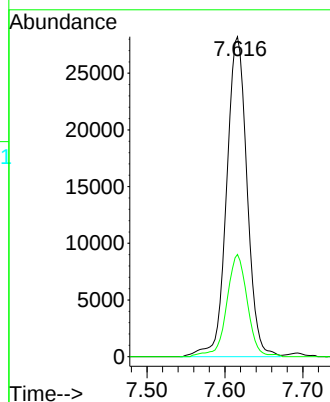
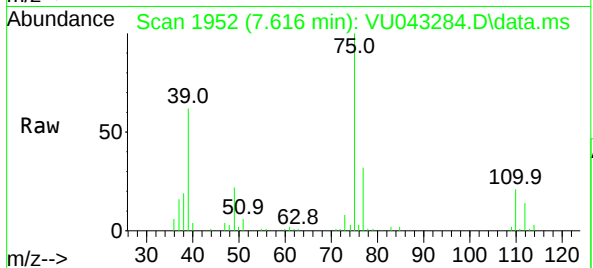


#39

cis-1,3-Dichloropropene
Concen: 4.69 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

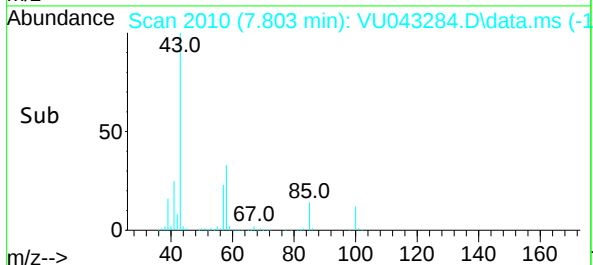
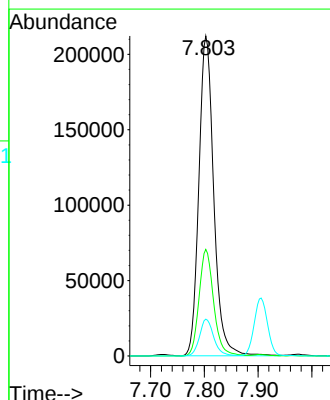
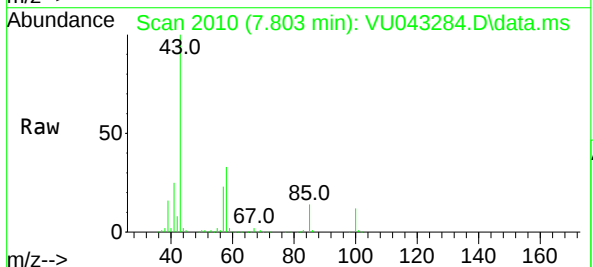
Tgt Ion: 75 Resp: 51382
Ion Ratio Lower Upper
75 100
77 31.9 21.8 40.6

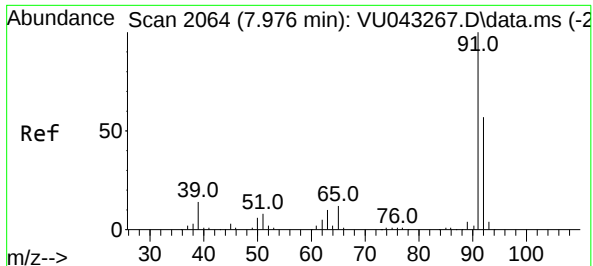


#40

4-Methyl-2-pentanone
Concen: 60.93 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion: 43 Resp: 408777
Ion Ratio Lower Upper
43 100
58 32.6 35.8 53.6#
100 11.1 15.1 22.7#

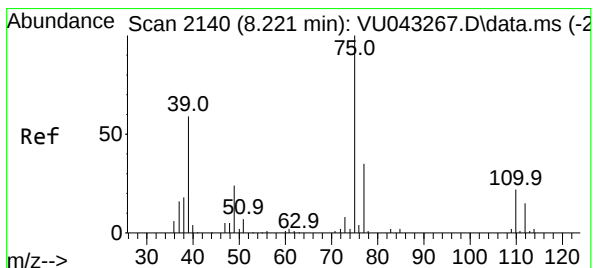
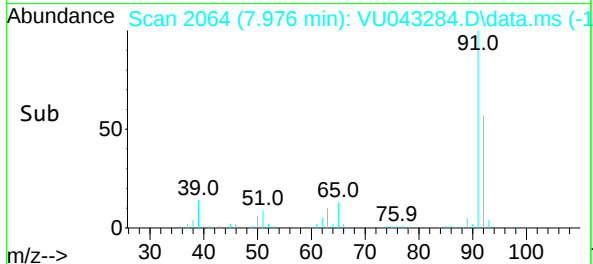
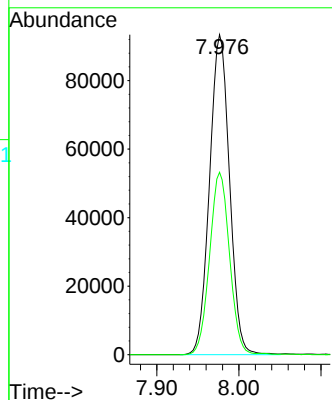
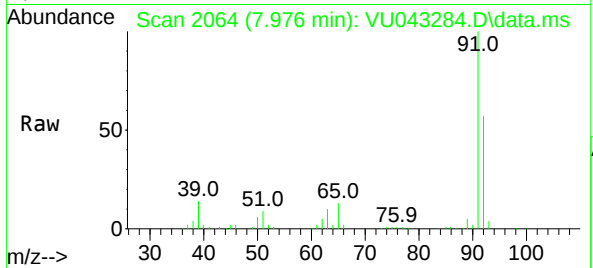




#42
Toluene
Concen: 5.30 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

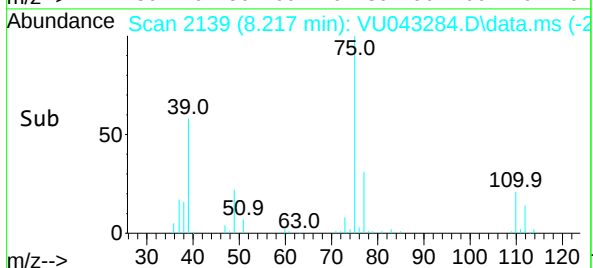
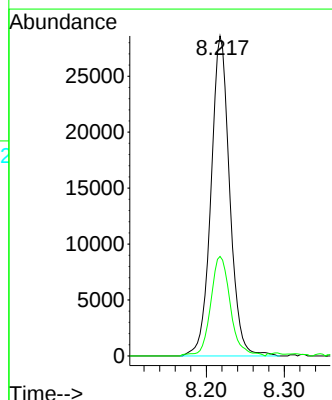
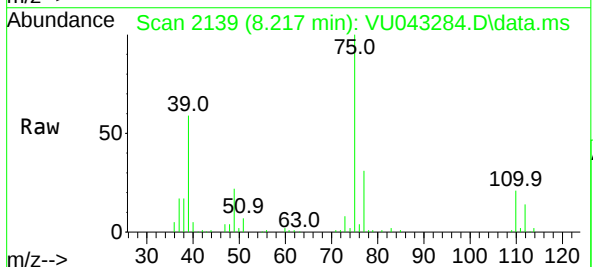
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

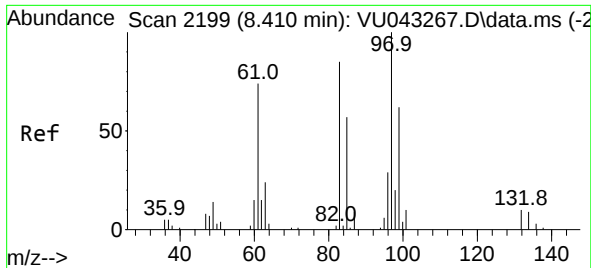
Tgt Ion: 91 Resp: 157838
Ion Ratio Lower Upper
91 100
92 57.0 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 4.61 ug/L
RT: 8.217 min Scan# 2139
Delta R.T. -0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion: 75 Resp: 47647
Ion Ratio Lower Upper
75 100
77 31.1 23.4 43.4

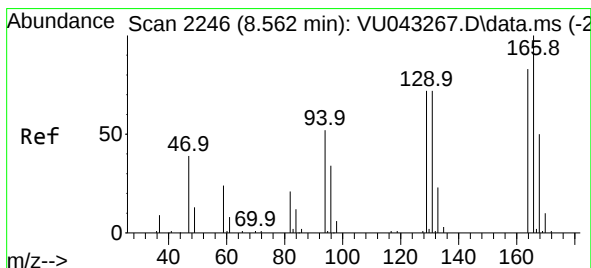
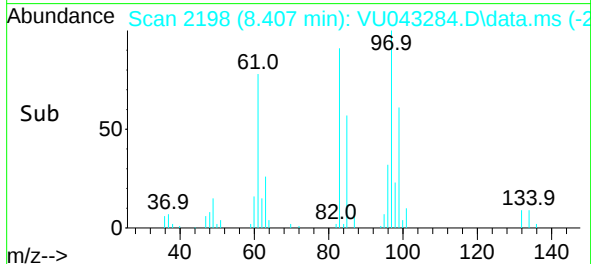
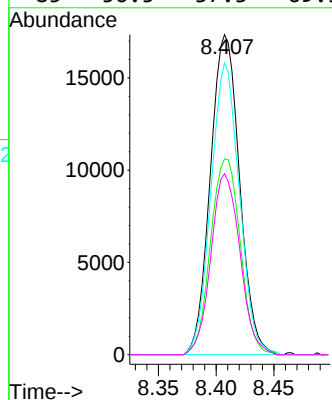
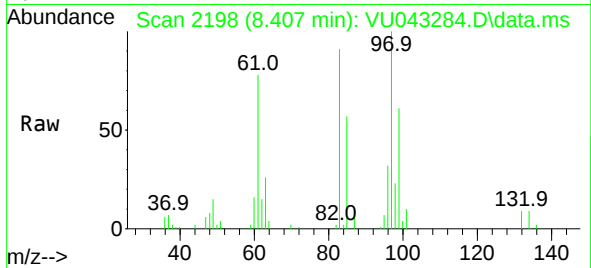




#45
1,1,2-Trichloroethane
Concen: 5.45 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

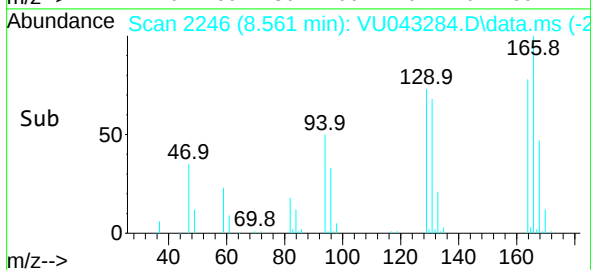
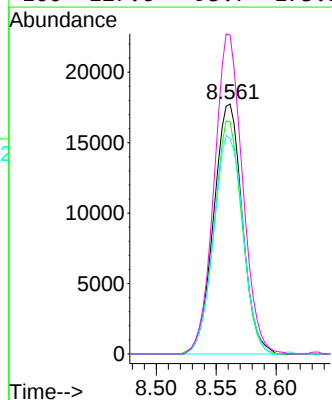
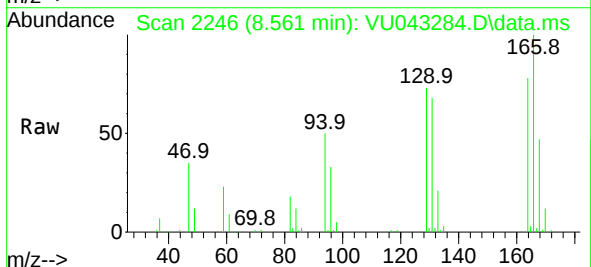
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

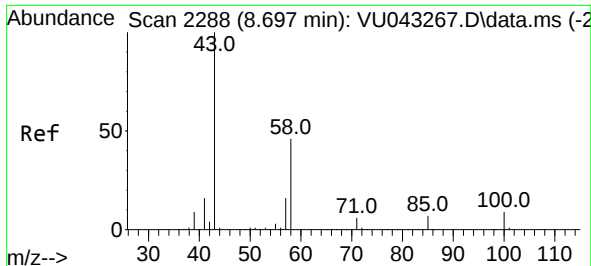
Tgt Ion:	97	Resp:	30541
Ion	Ratio	Lower	Upper
97	100		
99	61.2	44.2	82.0
83	91.1	60.1	111.7
85	56.5	37.3	69.3



#47
Tetrachloroethene
Concen: 5.06 ug/L
RT: 8.561 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

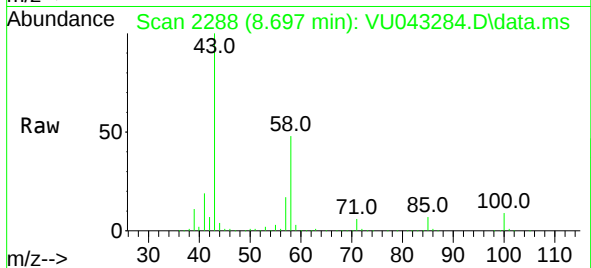
Tgt Ion:	164	Resp:	29404
Ion	Ratio	Lower	Upper
164	100		
129	92.9	66.6	123.8
131	86.1	65.9	122.3
166	127.6	93.7	173.9



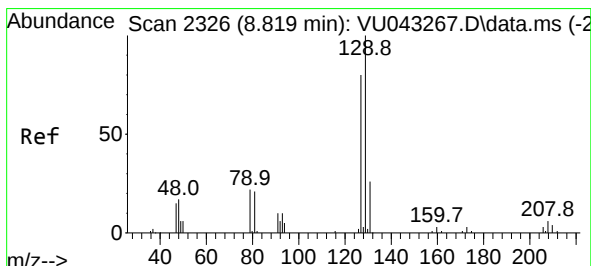
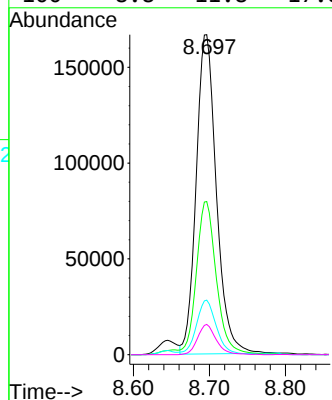
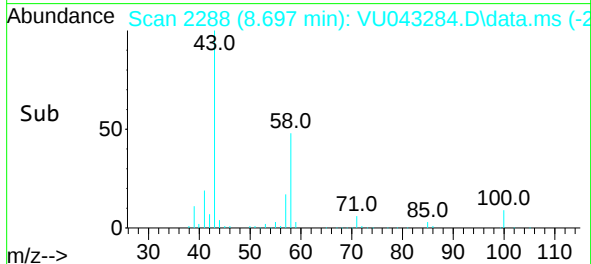


#48
2-Hexanone
Concen: 62.39 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

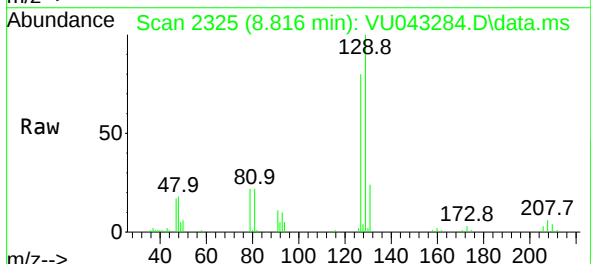
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144



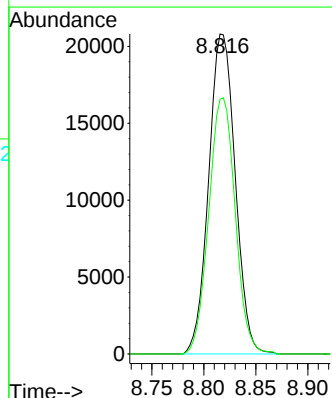
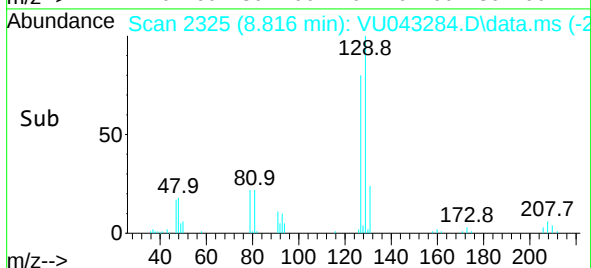
Tgt Ion:	43	58	57	100
Ratio	100	47.1	16.9	8.8
Lower		50.0	17.4	11.8
Upper		75.0#	26.0#	17.8#

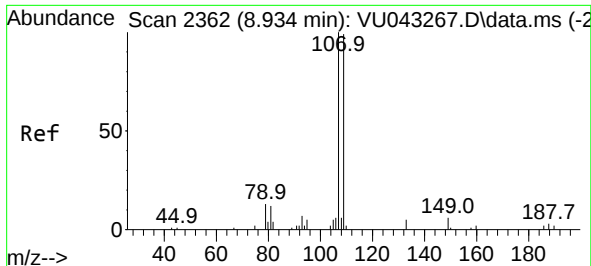


#49
Dibromochloromethane
Concen: 5.23 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36



Tgt Ion:	129	127
Ratio	100	79.6
Lower		56.6
Upper		105.2





#50

1,2-Dibromoethane

Concen: 5.30 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. -0.003 min

Lab File: VU043284.D

Acq: 22 Apr 2021 17:36

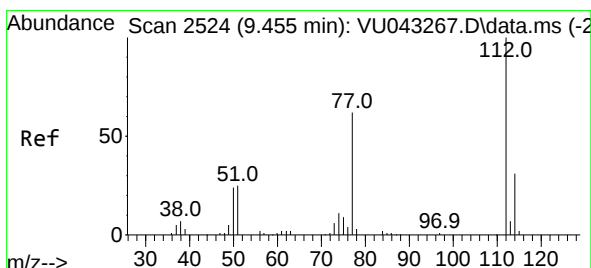
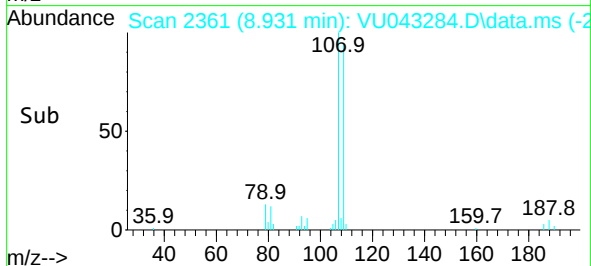
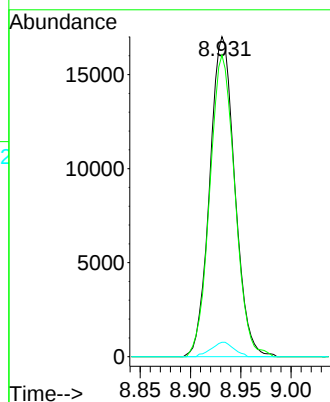
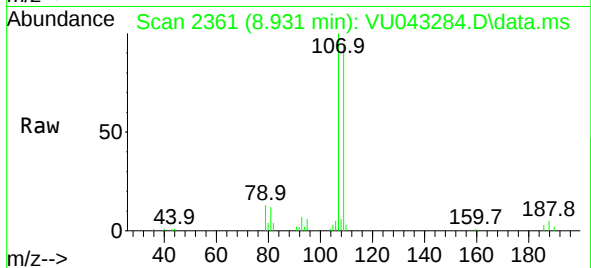
Instrument :

MSVOA_U

ClientSampleId :

VSTD005144

Tgt Ion:	107	Resp:	29522
Ion	Ratio	Lower	Upper
107	100		
109	94.3	65.4	121.4
188	4.5	2.5	3.7#



#51

Chlorobenzene

Concen: 5.09 ug/L

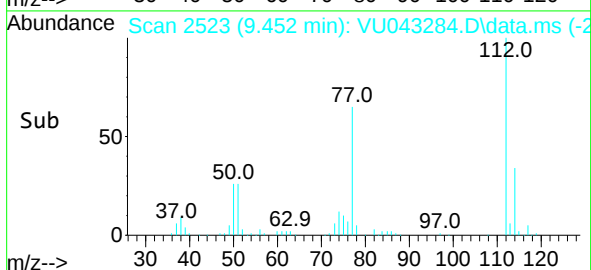
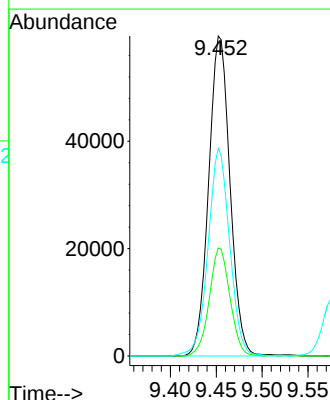
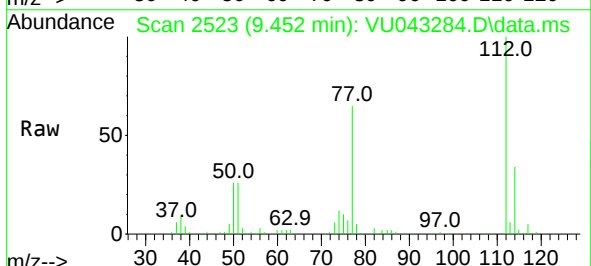
RT: 9.452 min Scan# 2523

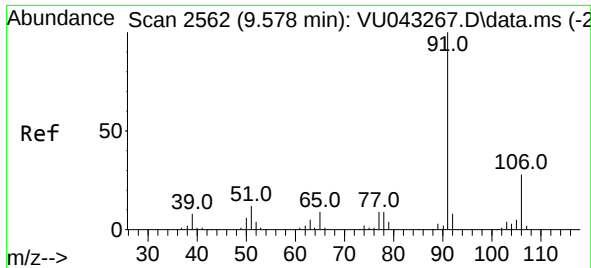
Delta R.T. -0.003 min

Lab File: VU043284.D

Acq: 22 Apr 2021 17:36

Tgt Ion:	112	Resp:	96545
Ion	Ratio	Lower	Upper
112	100		
114	33.7	21.9	40.7
77	64.9	45.1	67.7

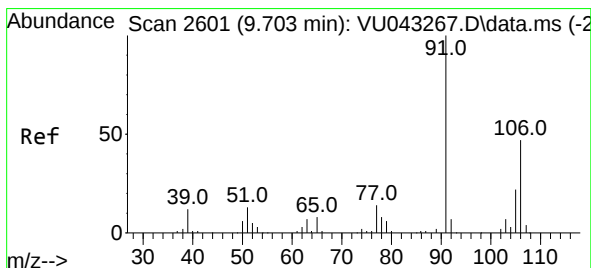
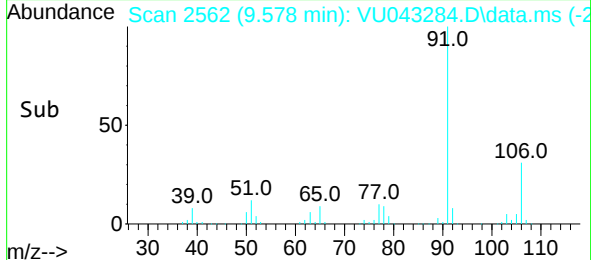
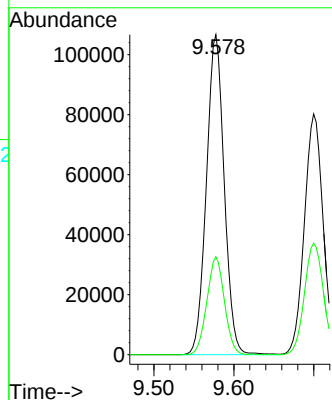
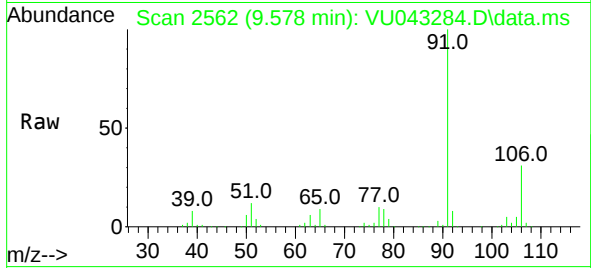




#52
Ethylbenzene
Concen: 4.85 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

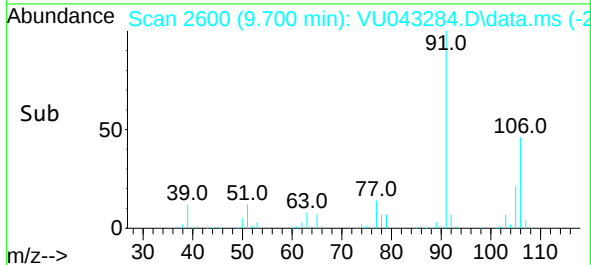
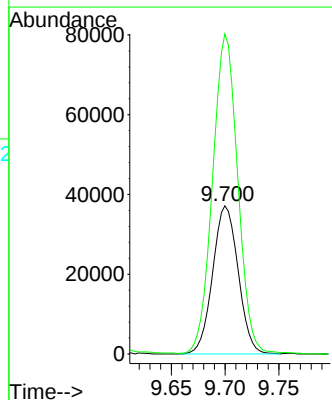
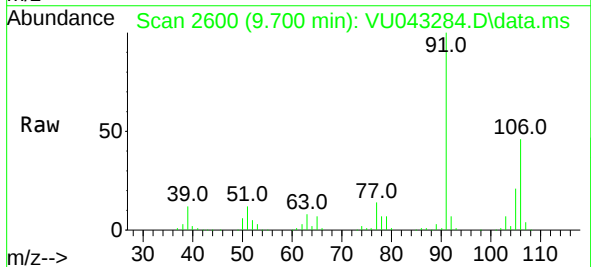
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

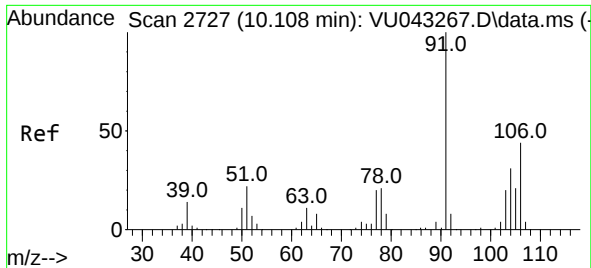
Tgt Ion: 91 Resp: 165373
Ion Ratio Lower Upper
91 100
106 30.6 22.0 40.8



#53
m,p-Xylene
Concen: 4.92 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion: 106 Resp: 61280
Ion Ratio Lower Upper
106 100
91 216.0 137.6 255.6

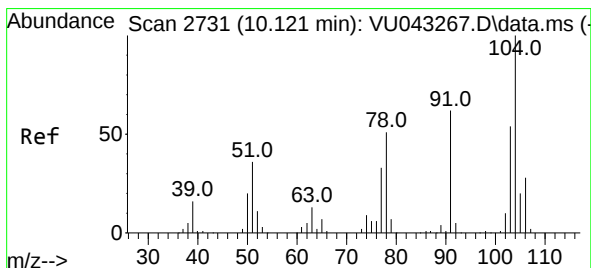
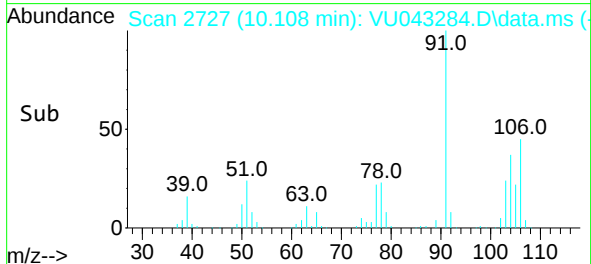
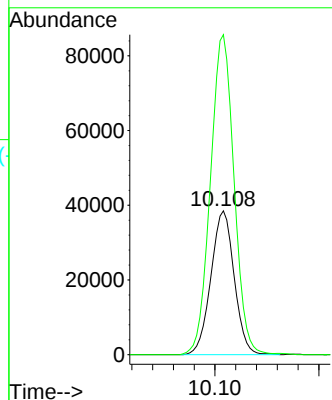
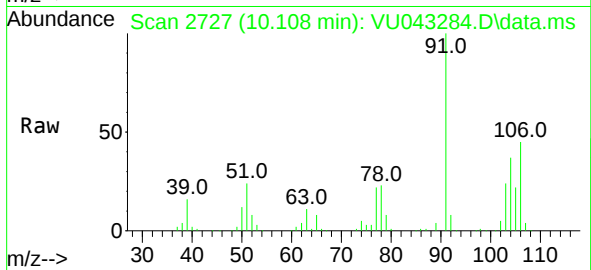




#54
o-Xylene
Concen: 4.84 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

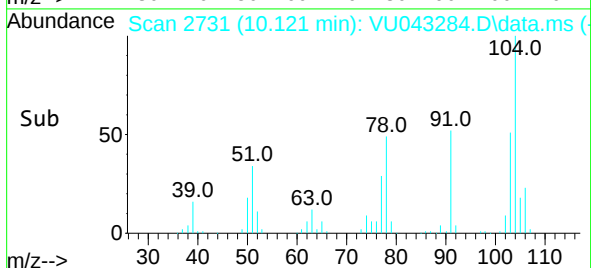
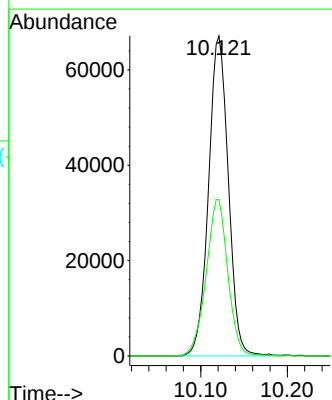
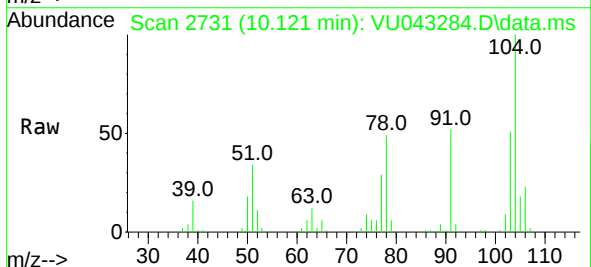
Instrument :
MSVOA_U
ClientSampled :
VSTD005144

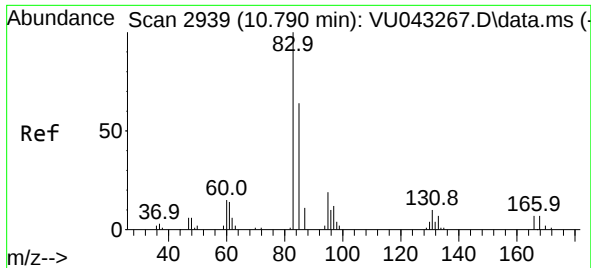
Tgt Ion:106 Resp: 59797
Ion Ratio Lower Upper
106 100
91 222.5 148.5 275.9



#55
Styrene
Concen: 5.04 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion:104 Resp: 106607
Ion Ratio Lower Upper
104 100
78 48.9 32.3 60.1

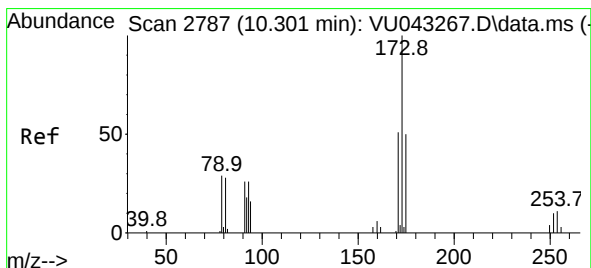
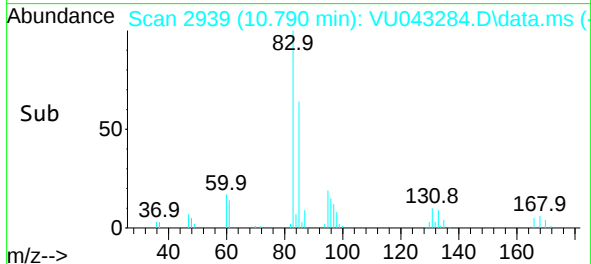
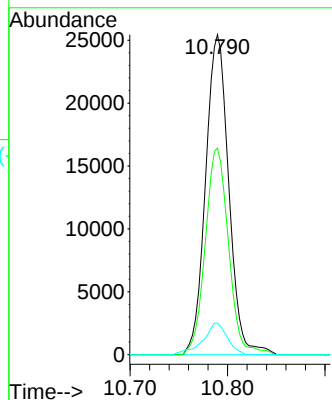
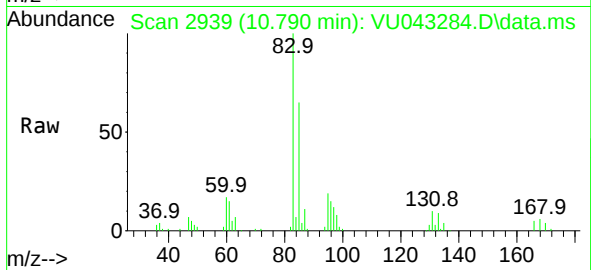




#57
1,1,2,2-Tetrachloroethane
Concen: 5.70 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

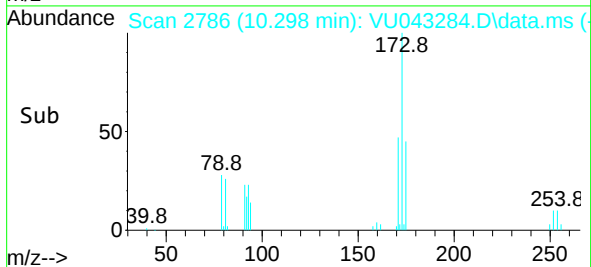
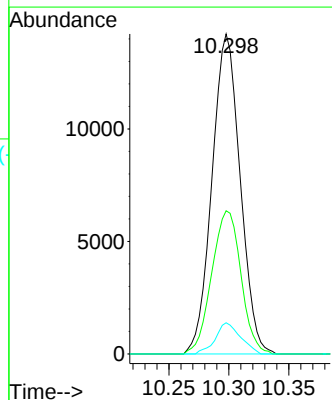
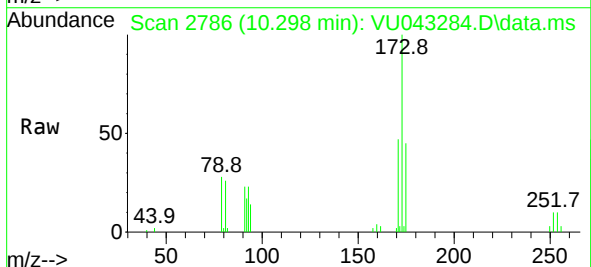
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

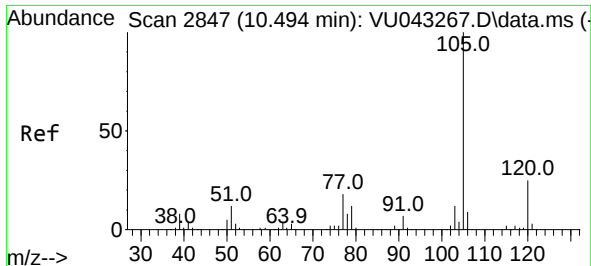
Tgt Ion: 83 Resp: 42013
Ion Ratio Lower Upper
83 100
85 64.6 44.9 83.5
131 9.9 8.2 12.4



#59
Bromoform
Concen: 5.27 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion:173 Resp: 23192
Ion Ratio Lower Upper
173 100
175 46.4 39.4 59.0
254 8.7 8.0 12.0

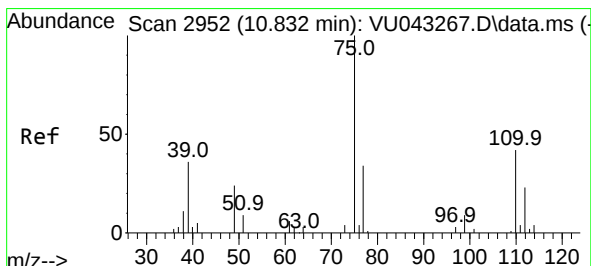
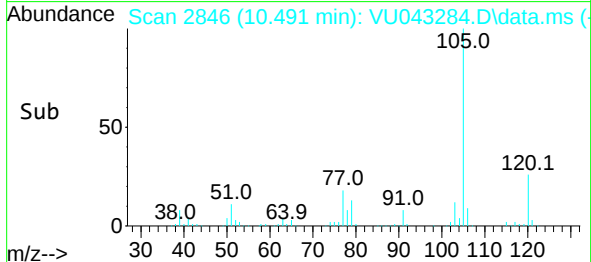
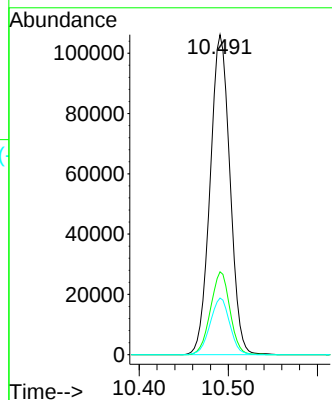
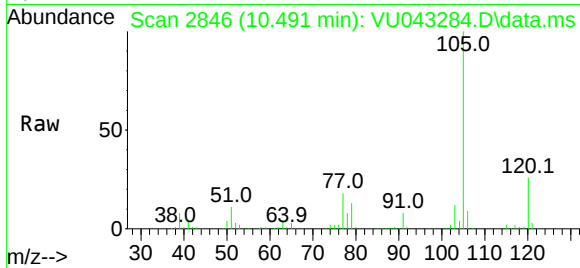




#60
Isopropylbenzene
Concen: 4.74 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

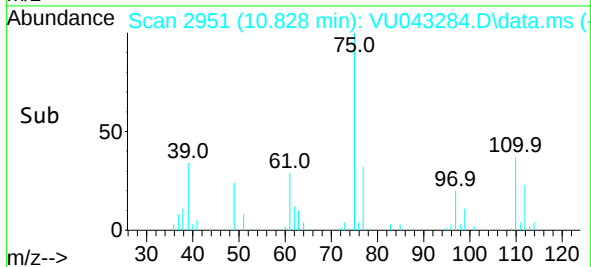
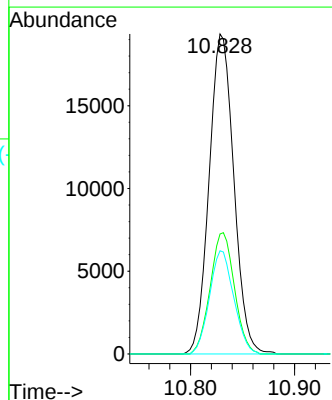
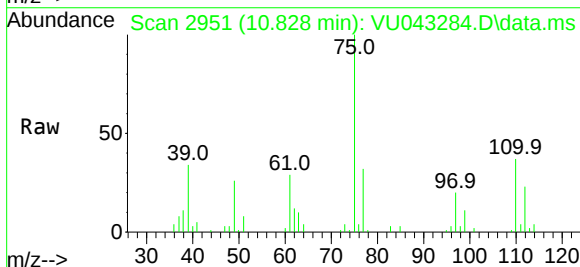
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

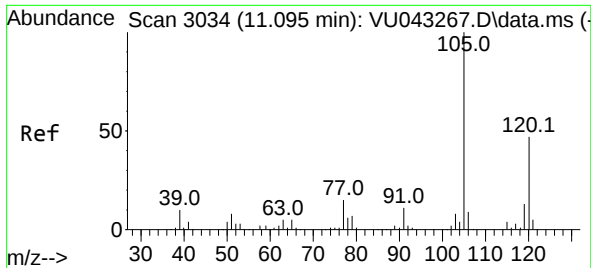
Tgt Ion:105 Resp: 163835
Ion Ratio Lower Upper
105 100
120 25.4 20.9 31.3
77 17.5 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.73 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion: 75 Resp: 31904
Ion Ratio Lower Upper
75 100
110 37.2 31.5 47.3
77 31.7 26.3 39.5

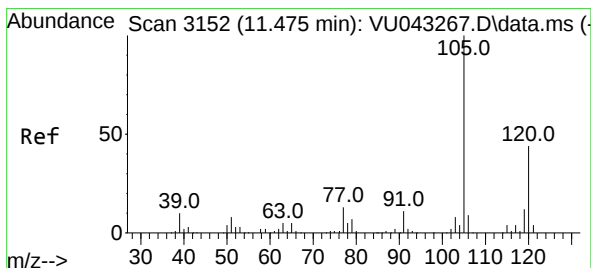
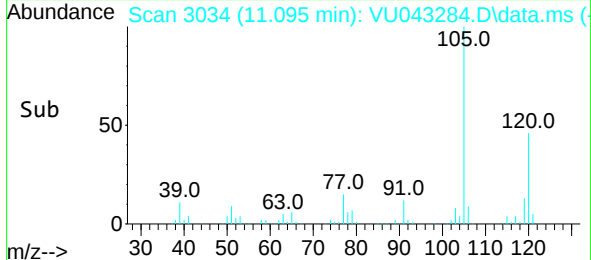
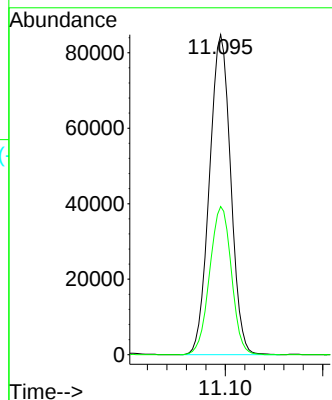
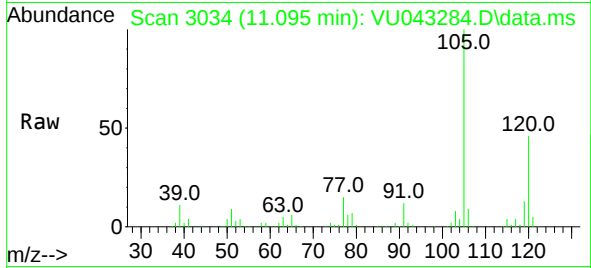




#62
1,3,5-Trimethylbenzene
Concen: 4.54 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

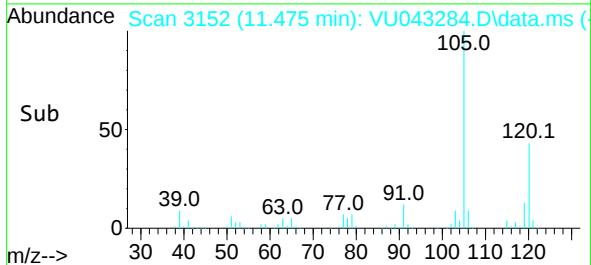
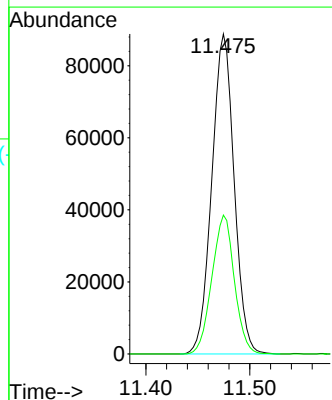
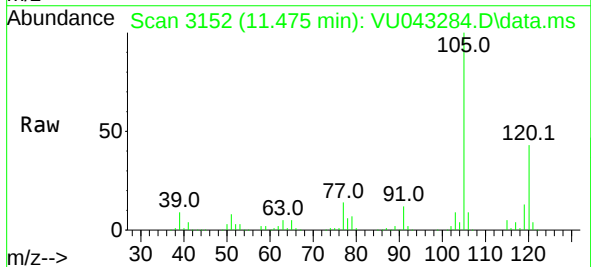
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

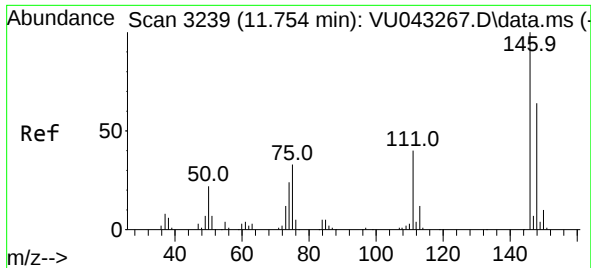
Tgt Ion:105 Resp: 128429
Ion Ratio Lower Upper
105 100
120 47.2 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 4.56 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion:105 Resp: 132612
Ion Ratio Lower Upper
105 100
120 43.6 36.7 55.1

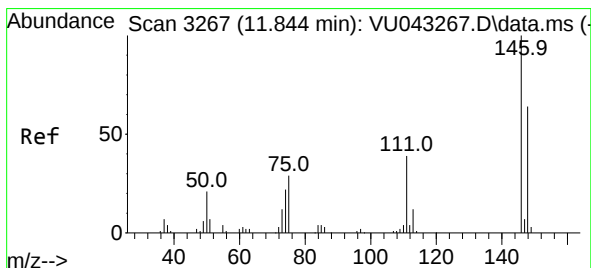
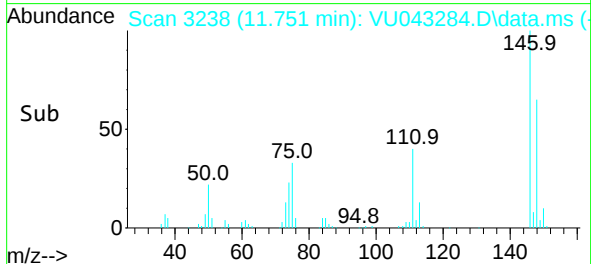
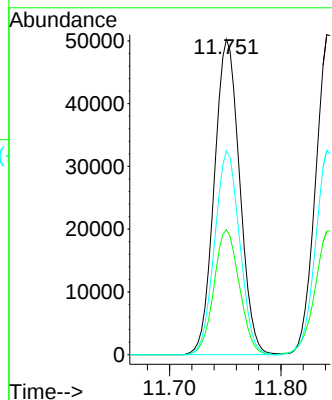
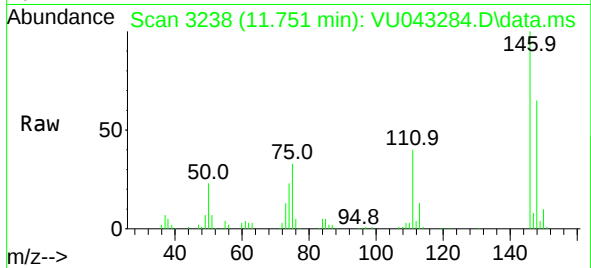




#64
1,3-Dichlorobenzene
Concen: 4.84 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

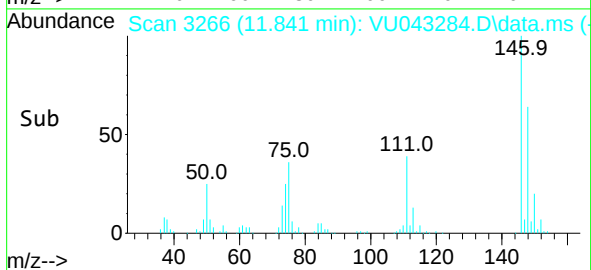
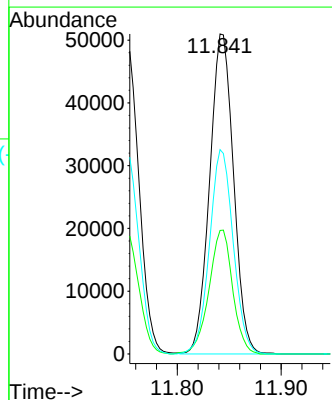
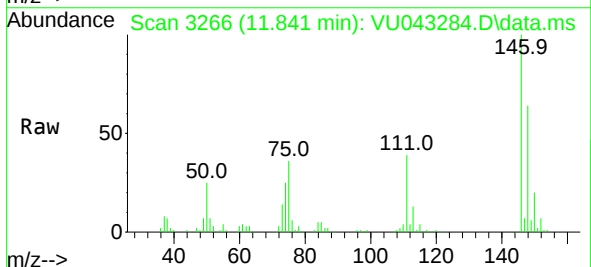
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

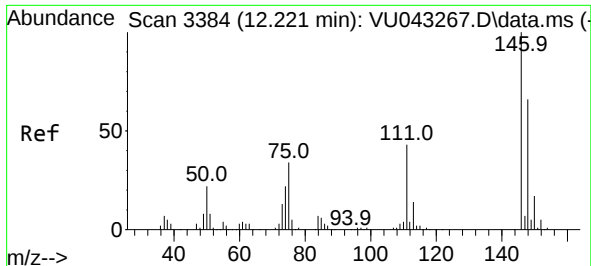
Tgt Ion:146 Resp: 79405
Ion Ratio Lower Upper
146 100
111 39.6 27.6 51.2
148 64.6 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.89 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion:146 Resp: 81302
Ion Ratio Lower Upper
146 100
111 38.6 26.7 49.5
148 63.8 43.9 81.5

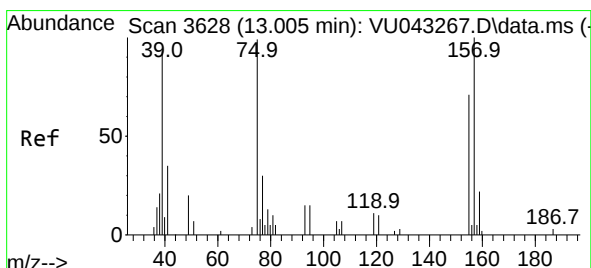
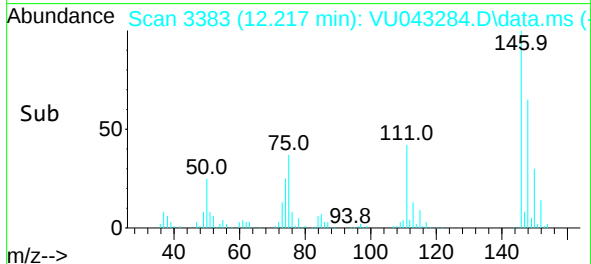
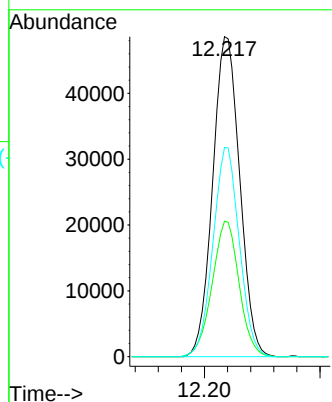
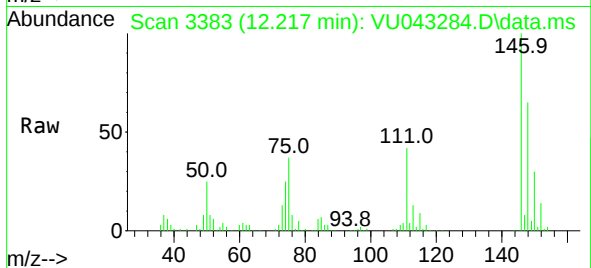




#67
1,2-Dichlorobenzene
Concen: 4.96 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

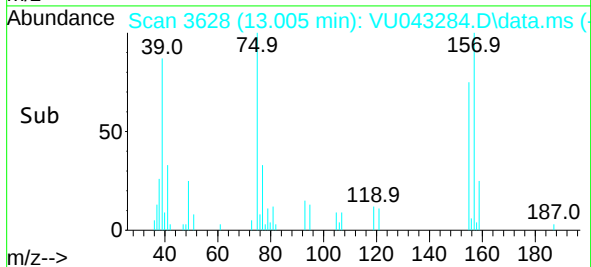
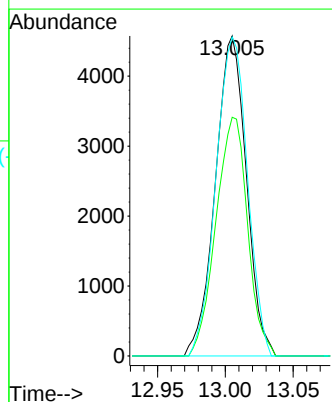
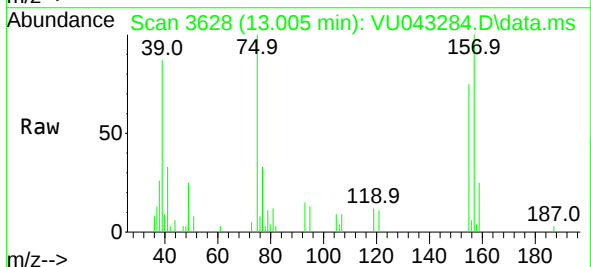
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

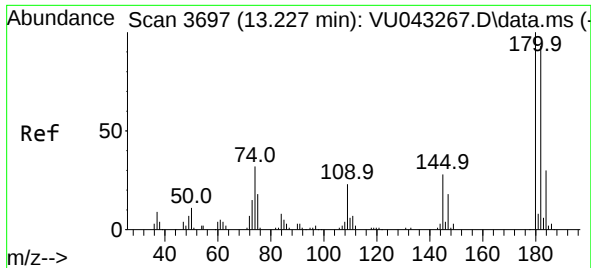
Tgt Ion:	146	Resp:	79051
Ion	Ratio	Lower	Upper
146	100		
111	42.4	31.9	47.9
148	65.4	48.8	73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.38 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion:	75	Resp:	7279
Ion	Ratio	Lower	Upper
75	100		
155	74.6	67.8	101.8
157	99.7	82.4	123.6

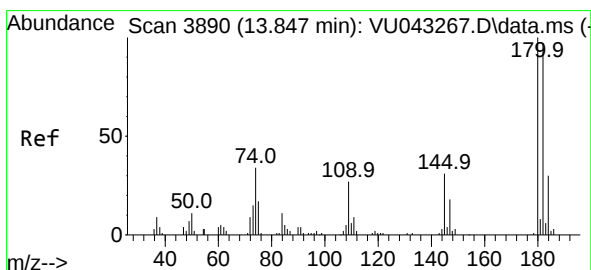
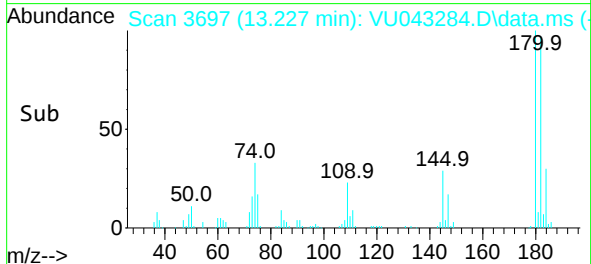
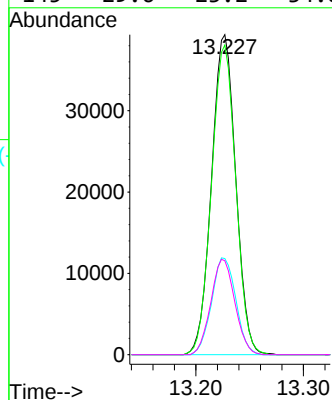
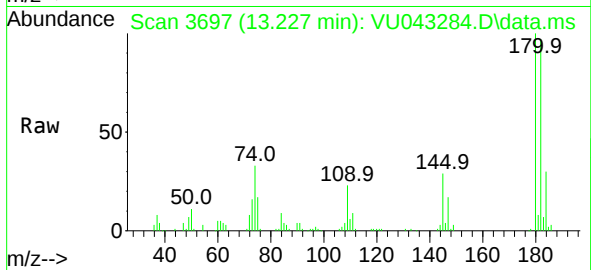




#69
1,3,5-Trichlorobenzene
Concen: 4.57 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

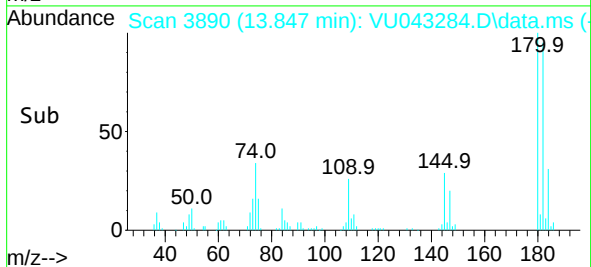
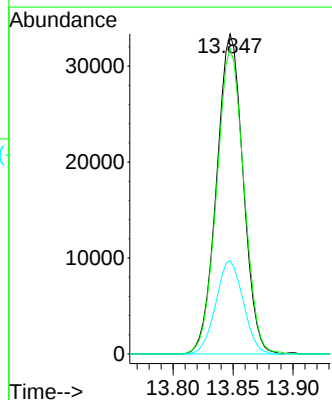
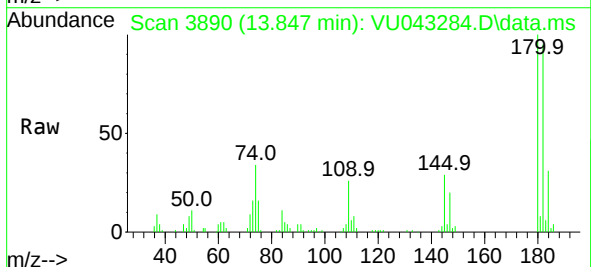
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

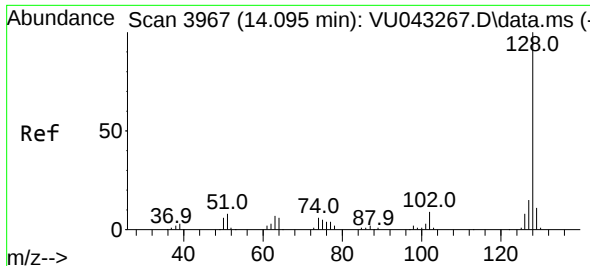
Tgt Ion:	180	Resp:	61468
Ion Ratio	Lower	Upper	
180	100		
182	96.9	76.1	114.1
184	30.4	24.0	36.0
145	29.6	23.2	34.8



#70
1,2,4-trichlorobenzene
Concen: 4.60 ug/L
RT: 13.847 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion:	180	Resp:	51278
Ion Ratio	Lower	Upper	
180	100		
182	97.6	76.5	114.7
145	30.0	24.1	36.1

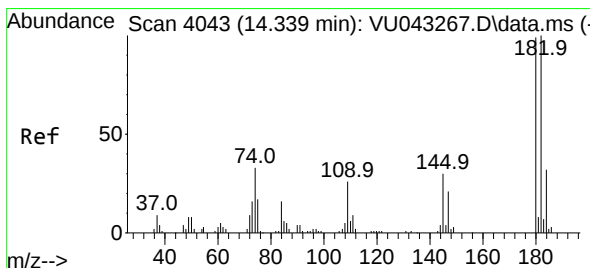
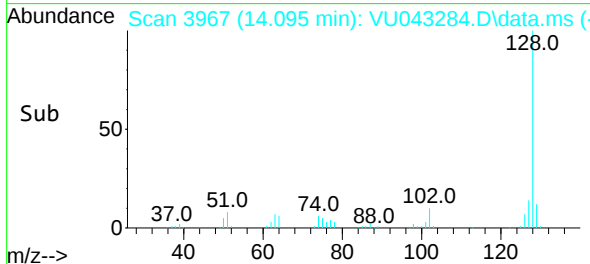
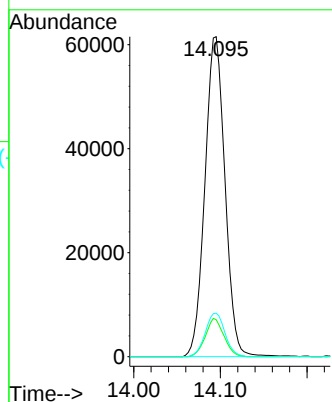
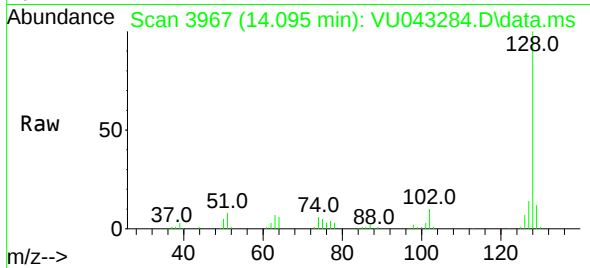




#71
Naphthalene
Concen: 5.27 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

Tgt Ion:128	Resp:	99017
Ion Ratio	Lower	Upper
128	100	
129	11.1	8.6 12.8
127	13.4	10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.08 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU043284.D
Acq: 22 Apr 2021 17:36

Tgt Ion:180	Resp:	51835
Ion Ratio	Lower	Upper
180	100	
182	96.9	75.8 113.8
145	30.0	25.0 37.4

