

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042086.D
 Acq On : 15 Jan 2021 20:50
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00519

Quant Time: Jan 16 01:16:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 16 01:05:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	115945	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	115677	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	74824	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	40050	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.919	69	44194	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.578	63	87843	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.60%
20) 2-Butanone-d5	4.655	46	158926	54.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.26%
24) Chloroform-d	5.079	84	106558	5.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.00%
26) 1,2-Dichloroethane-d4	5.716	65	51134	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.742	84	166255	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.703	67	52491	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.906	98	148439	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloroprop...	8.182	79	21631	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.639	63	126928	50.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.46%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	57773	6.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.80%#
64) 1,2-Dichlorobenzene-d4	12.188	152	69345	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	53862	5.05	ug/L	98
3) Chloromethane	1.523	50	62836	4.70	ug/L	99
5) Vinyl chloride	1.607	62	68682	4.99	ug/L	98
6) Bromomethane	1.864	94	43093	5.07	ug/L	96
8) Chloroethane	1.941	64	41517	4.94	ug/L	98
9) Trichlorofluoromethane	2.144	101	92628	5.35	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	50921	5.49	ug/L	98
12) 1,1-Dichloroethene	2.591	96	49784	5.46	ug/L	86
13) Acetone	2.665	43	84170	45.87	ug/L	87
14) Carbon disulfide	2.803	76	155971	5.22	ug/L	99
15) Methyl Acetate	2.967	43	22108	4.94	ug/L	99
16) Methylene chloride	3.057	84	56031	5.30	ug/L	91
17) Methyl tert-butyl Ether	3.378	73	107017	4.50	ug/L	99
18) trans-1,2-Dichloroethene	3.366	96	44904	4.88	ug/L	92
19) 1,1-Dichloroethane	3.883	63	77656	4.30	ug/L	99
21) 2-Butanone	4.735	43	137136	46.89	ug/L	96
22) cis-1,2-Dichloroethene	4.687	96	52338	5.43	ug/L	85
23) Bromochloromethane	4.993	128	24897	5.66	ug/L	85
25) Chloroform	5.105	83	98048	5.41	ug/L	98
27) 1,2-Dichloroethane	5.809	62	54057	4.65	ug/L	99

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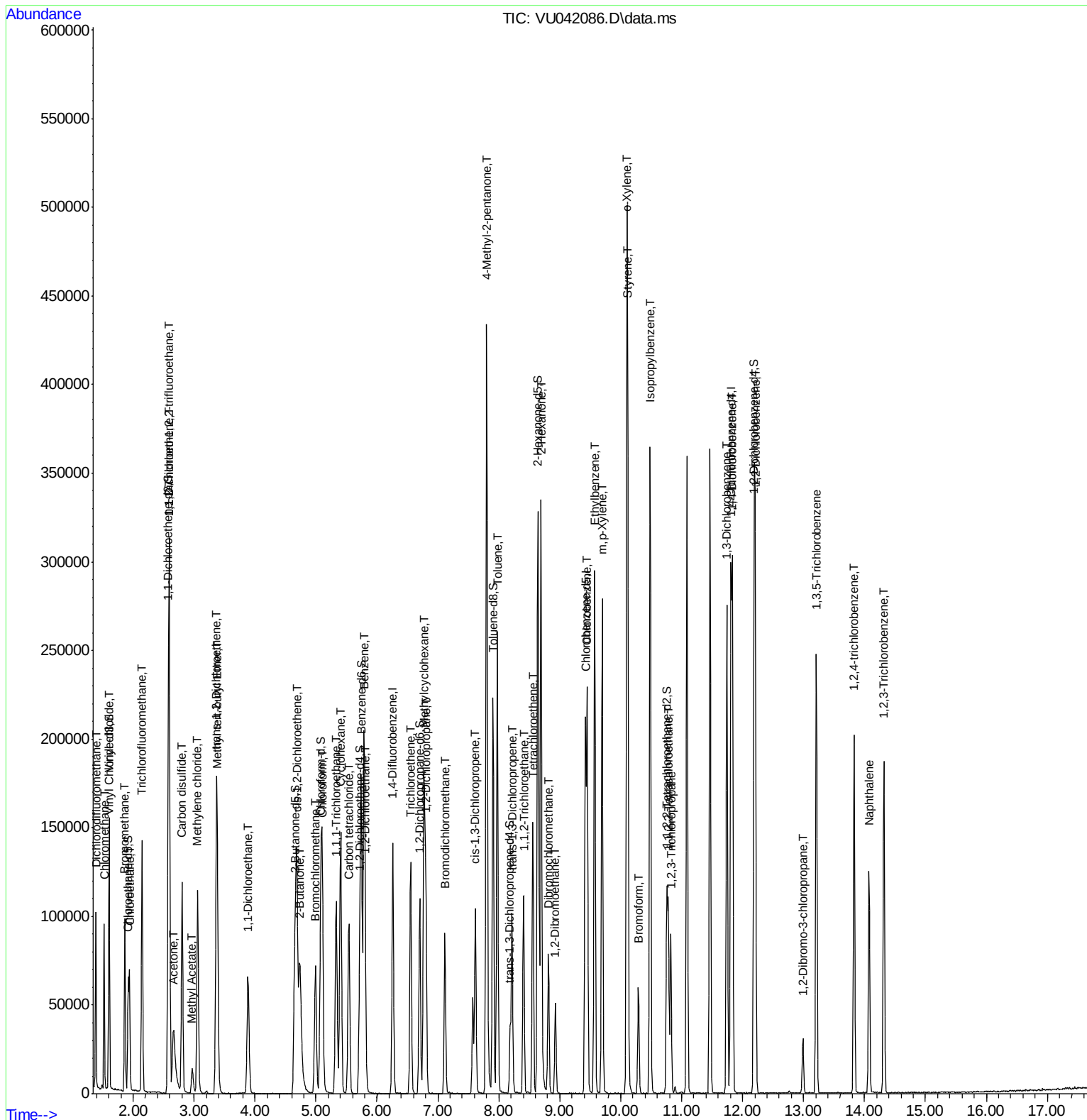
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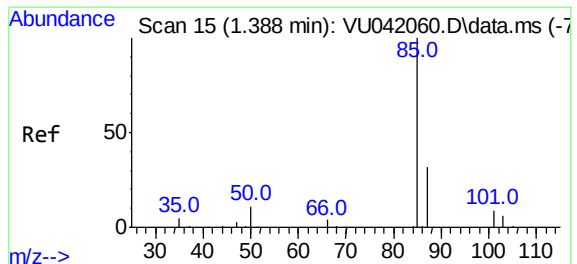
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.330	97	81797	4.82	ug/L	98
30) Cyclohexane	5.404	56	73756	4.23	ug/L	94
31) Carbon tetrachloride	5.539	117	68361	4.67	ug/L	100
33) Benzene	5.787	78	178676	4.12	ug/L	100
34) Trichloroethene	6.552	95	45721	4.27	ug/L	96
35) Methylcyclohexane	6.774	83	68576	4.04	ug/L	95
37) 1,2-Dichloropropane	6.800	63	45574	4.10	ug/L	99
38) Bromodichloromethane	7.115	83	59932	4.16	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	62327	3.76	ug/L	98
40) 4-Methyl-2-pentanone	7.799	43	278200	36.02	ug/L	96
42) Toluene	7.976	91	191980	4.26	ug/L	99
44) trans-1,3-Dichloropropene	8.217	75	58913	4.11	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	35271	4.49	ug/L	98
47) Tetrachloroethene	8.558	164	34378	4.96	ug/L	97
48) 2-Hexanone	8.690	43	206383	39.79	ug/L	98
49) Dibromochloromethane	8.816	129	41868	4.89	ug/L	95
50) 1,2-Dibromoethane	8.928	107	32839	4.56	ug/L #	99
51) Chlorobenzene	9.449	112	120955	4.78	ug/L	98
52) Ethylbenzene	9.571	91	202734	4.66	ug/L	97
53) m,p-Xylene	9.697	106	78133	4.97	ug/L	97
54) o-Xylene	10.102	106	88303	5.81	ug/L	96
55) Styrene	10.114	104	148334	5.68	ug/L	100
56) Isopropylbenzene	10.484	105	234551	5.76	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.780	83	53858	5.61	ug/L	98
59) 1,2,3-Trichloropropane	10.822	75	38423	5.25	ug/L	97
61) Bromoform	10.291	173	27275	4.31	ug/L	99
62) 1,3-Dichlorobenzene	11.741	146	113159	4.64	ug/L	98
63) 1,4-Dichlorobenzene	11.831	146	112480	4.59	ug/L	99
65) 1,2-Dichlorobenzene	12.208	146	107872	4.48	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.986	75	8897	4.03	ug/L	94
67) 1,3,5-Trichlorobenzene	13.211	180	77721	4.45	ug/L	99
68) 1,2,4-trichlorobenzene	13.828	180	58638	4.45	ug/L	95
69) Naphthalene	14.076	128	99110	4.23	ug/L	98
70) 1,2,3-Trichlorobenzene	14.320	180	56654	4.63	ug/L	98

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

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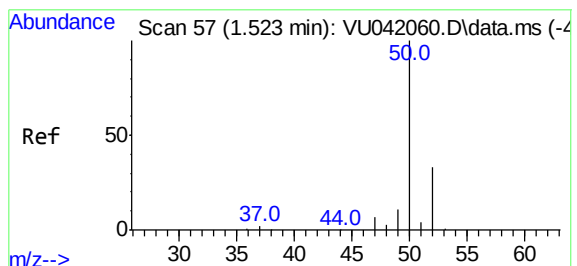
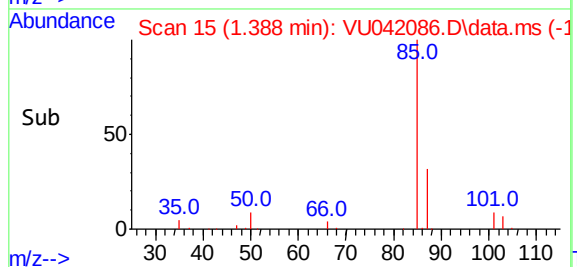
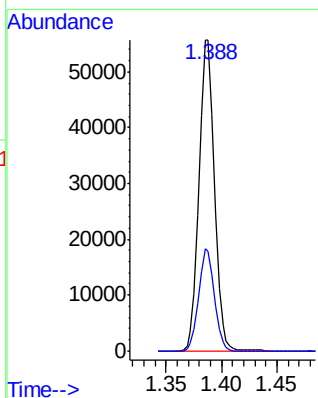
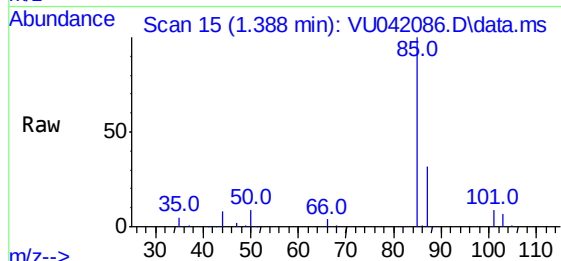




#2
Dichlorodifluoromethane
Concen: 5.05 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

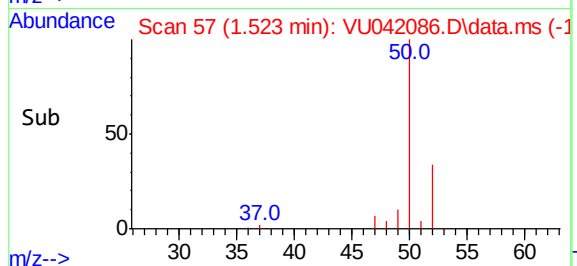
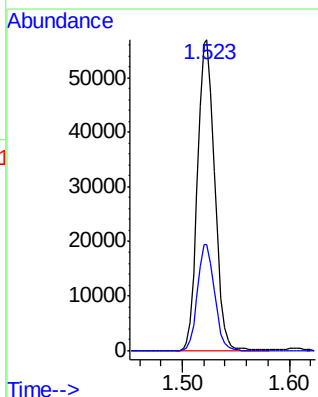
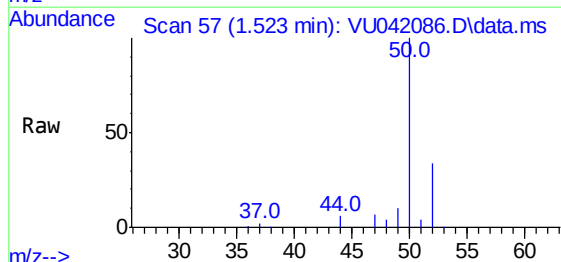
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

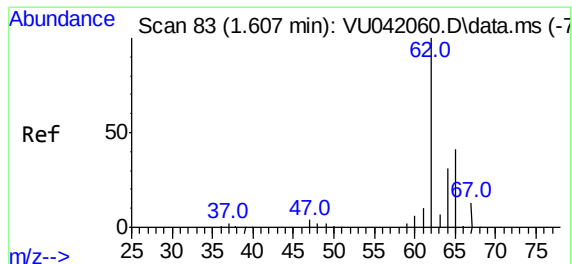
Tgt Ion: 85 Resp: 53862
Ion Ratio Lower Upper
85 100
87 33.0 25.7 38.5



#3
Chloromethane
Concen: 4.70 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 50 Resp: 62836
Ion Ratio Lower Upper
50 100
52 34.2 23.5 43.7

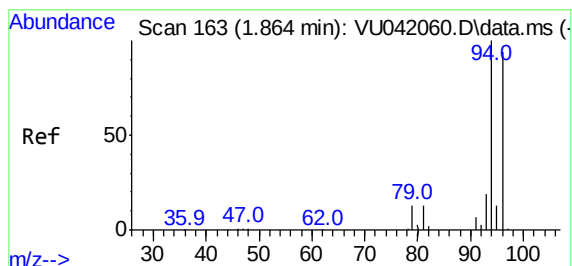
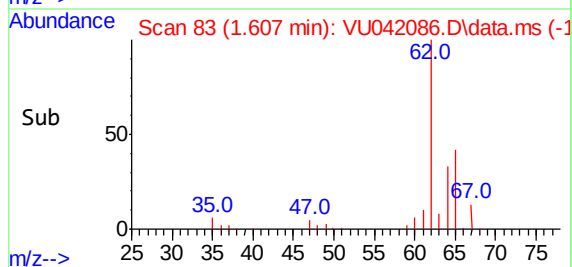
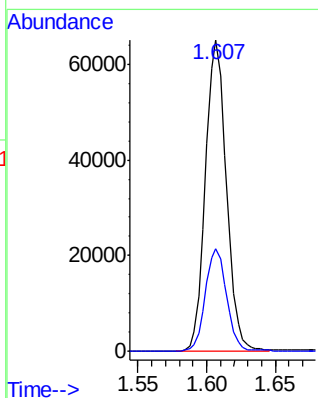
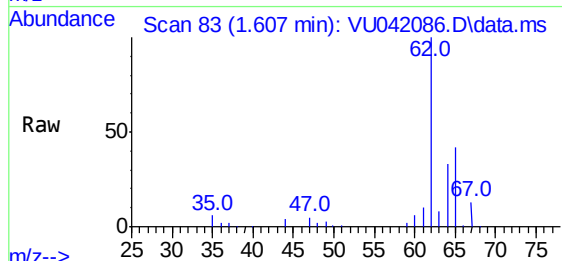




#5
 Vinyl chloride
 Concen: 4.99 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042086.D
 Acq: 15 Jan 2021 20:50

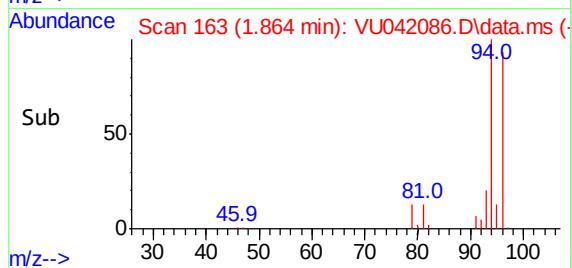
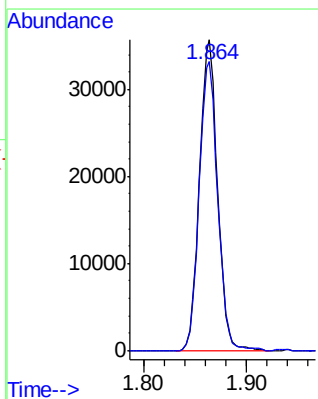
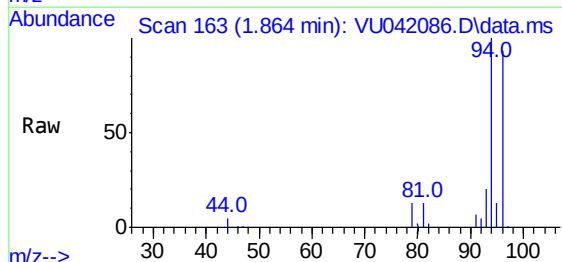
Instrument :
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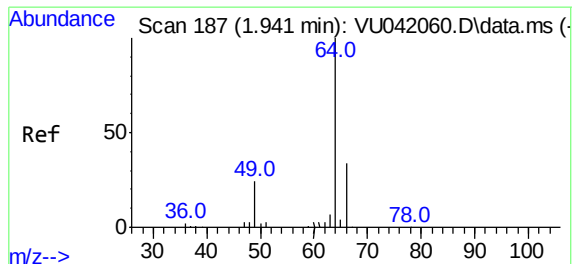
Tgt Ion: 62 Resp: 68682
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.3 41.3



#6
 Bromomethane
 Concen: 5.07 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU042086.D
 Acq: 15 Jan 2021 20:50

Tgt Ion: 94 Resp: 43093
 Ion Ratio Lower Upper
 94 100
 96 93.2 62.6 116.3

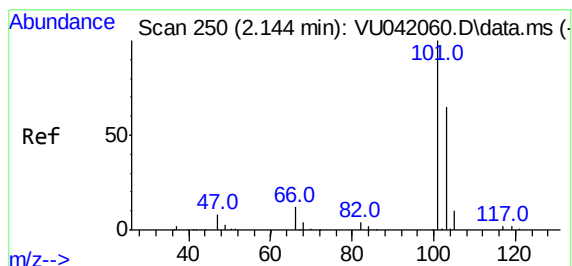
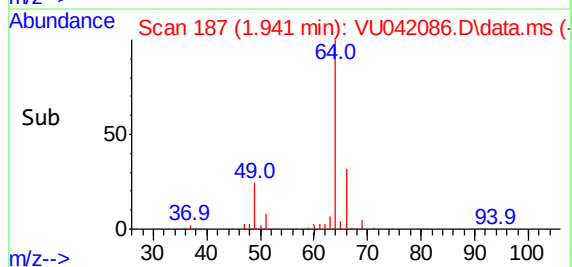
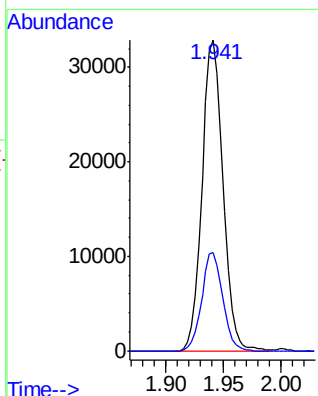
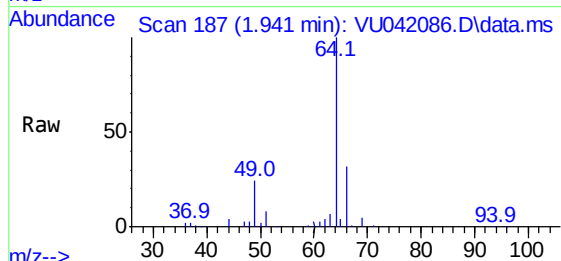




#8
Chloroethane
Concen: 4.94 ug/L
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

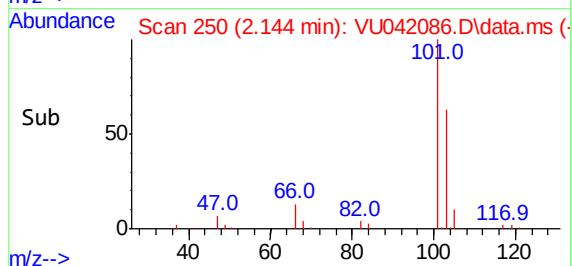
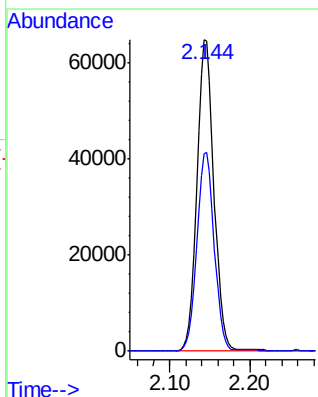
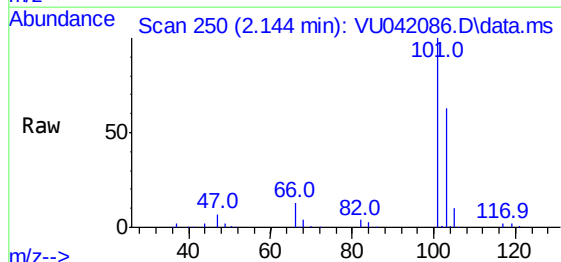
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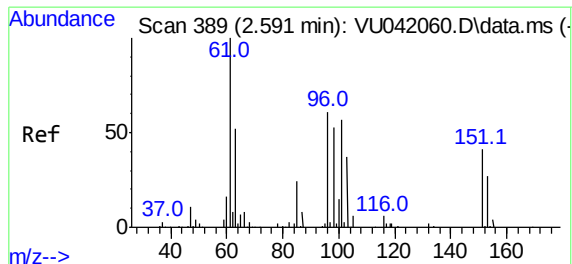
Tgt Ion: 64 Resp: 41517
Ion Ratio Lower Upper
64 100
66 31.7 21.6 40.2



#9
Trichlorofluoromethane
Concen: 5.35 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion:101 Resp: 92628
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4



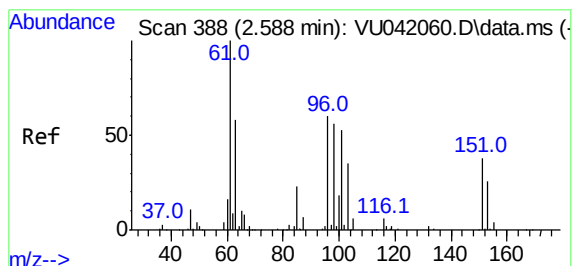
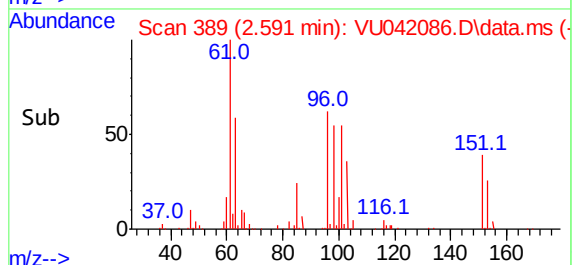
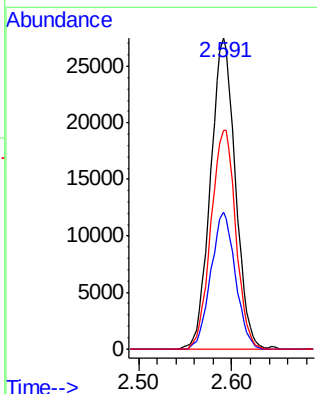
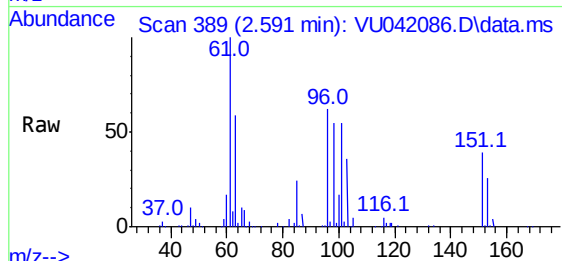


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.49 ug/L
 RT: 2.591 min Scan# 389
 Delta R.T. -0.000 min
 Lab File: VU042086.D
 Acq: 15 Jan 2021 20:50

Instrument :
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 ClientSampleId :
 VSTD00519

Tgt Ion:101 Resp: 50921

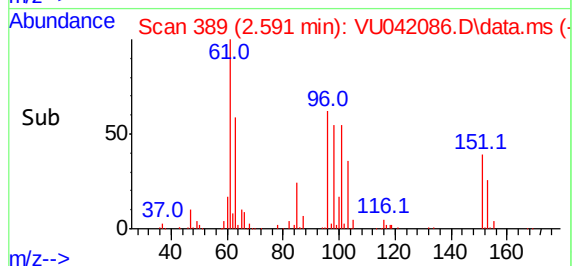
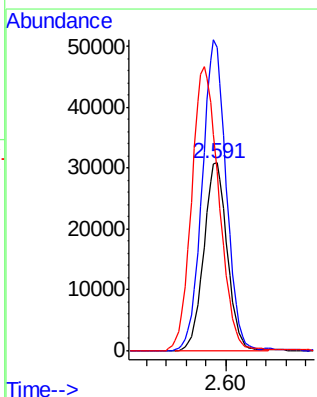
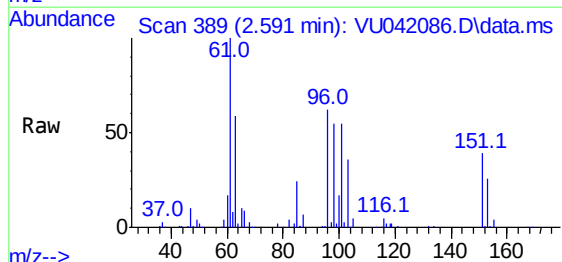
Ion	Ratio	Lower	Upper
101	100		
85	43.3	35.9	53.9
151	70.5	55.4	83.2

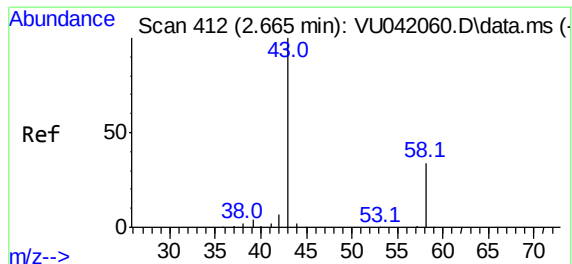


#12
 1,1-Dichloroethene
 Concen: 5.46 ug/L
 RT: 2.591 min Scan# 389
 Delta R.T. 0.003 min
 Lab File: VU042086.D
 Acq: 15 Jan 2021 20:50

Tgt Ion: 96 Resp: 49784

Ion	Ratio	Lower	Upper
96	100		
61	162.0	122.2	226.9
63	95.6	82.8	153.8

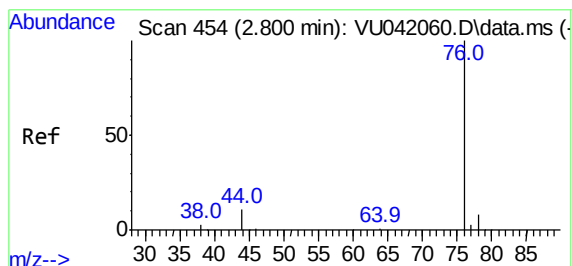
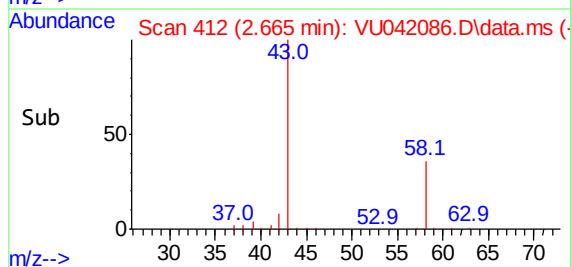
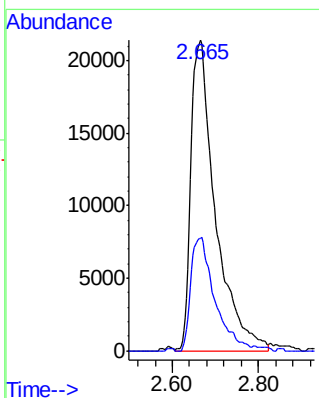
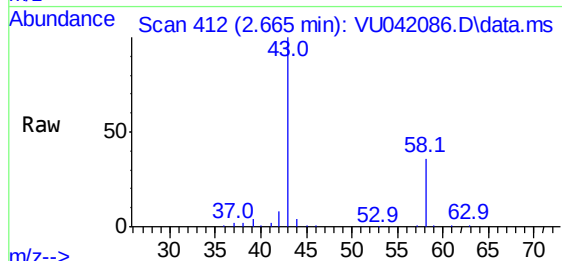




#13
Acetone
Concen: 45.87 ug/L
RT: 2.665 min Scan# 412
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

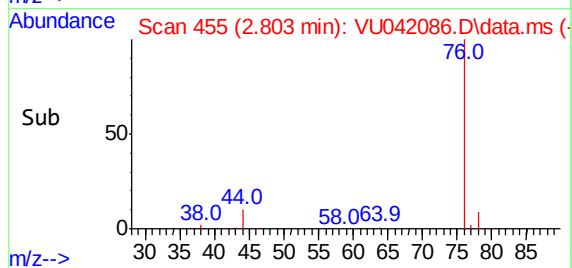
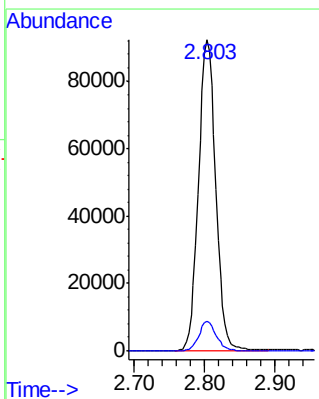
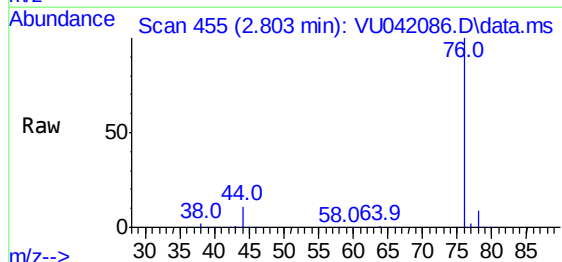
Instrument :
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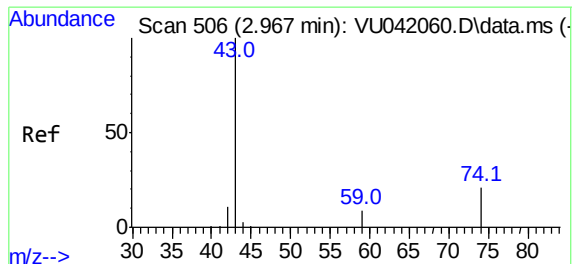
Tgt Ion: 43 Resp: 84170
Ion Ratio Lower Upper
43 100
58 35.7 0.0 57.4



#14
Carbon disulfide
Concen: 5.22 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 76 Resp: 155971
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

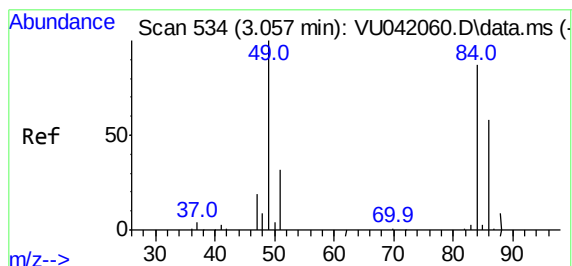
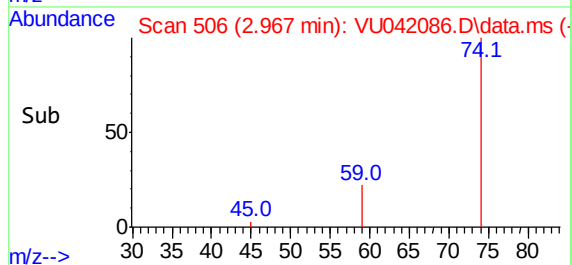
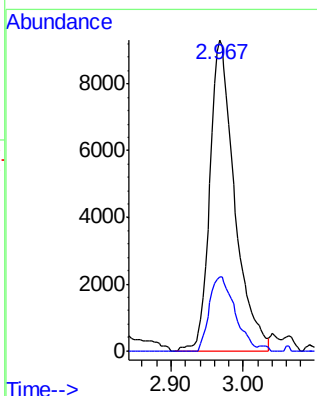
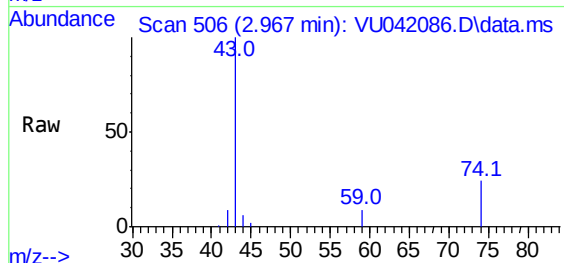




#15
Methyl Acetate
Concen: 4.94 ug/L
RT: 2.967 min Scan# 506
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

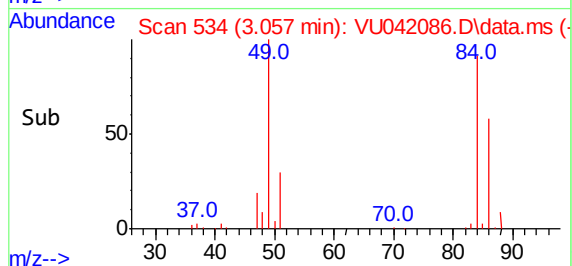
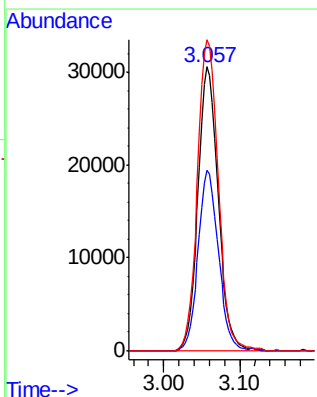
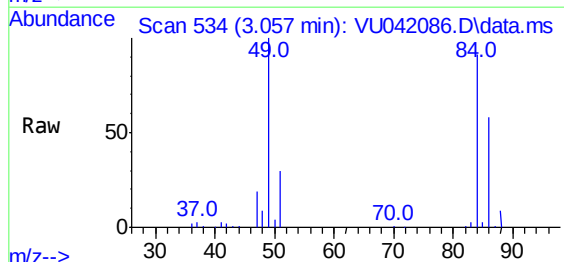
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

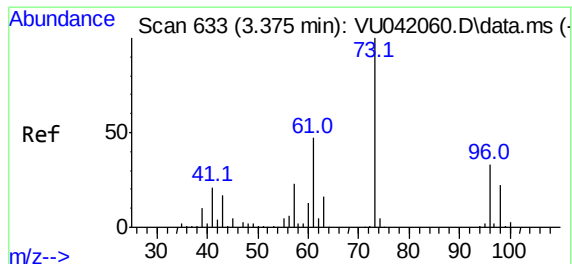
Tgt Ion: 43 Resp: 22108
Ion Ratio Lower Upper
43 100
74 24.5 19.2 28.8



#16
Methylene chloride
Concen: 5.30 ug/L
RT: 3.057 min Scan# 534
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 84 Resp: 56031
Ion Ratio Lower Upper
84 100
86 63.7 42.6 79.0
49 109.6 86.2 160.0

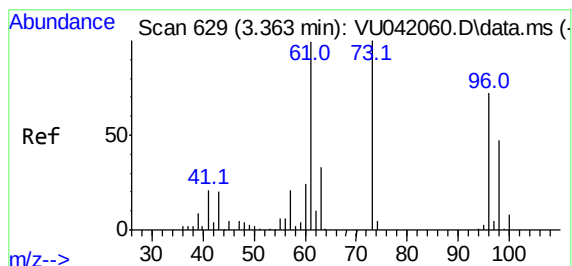
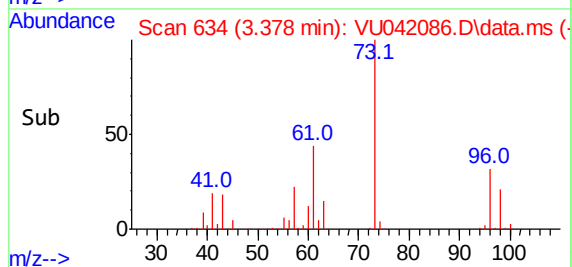
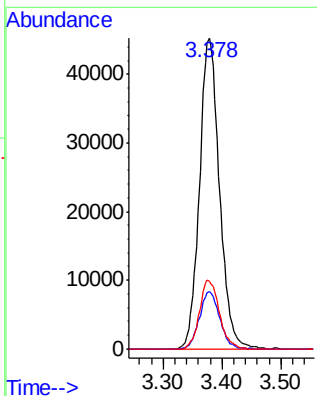
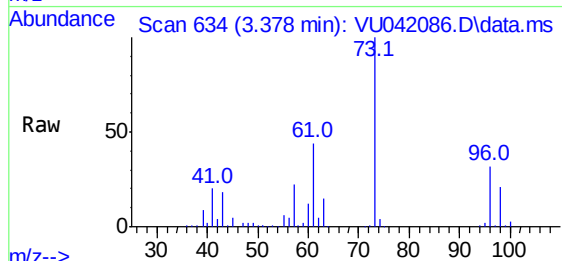




#17
Methyl tert-butyl Ether
Concen: 4.50 ug/L
RT: 3.378 min Scan# 634
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

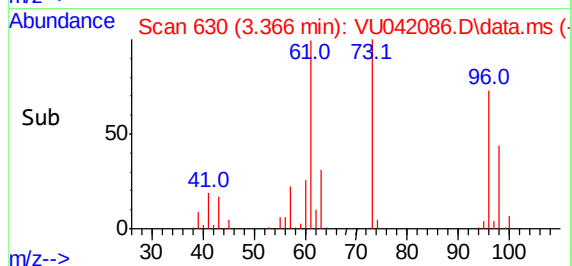
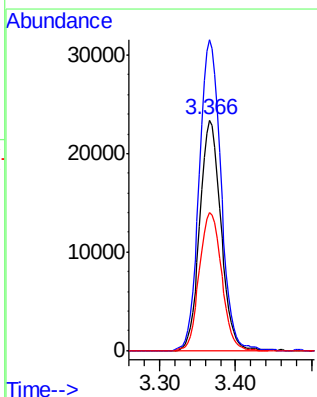
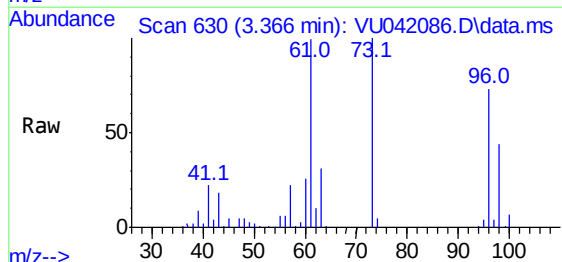
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

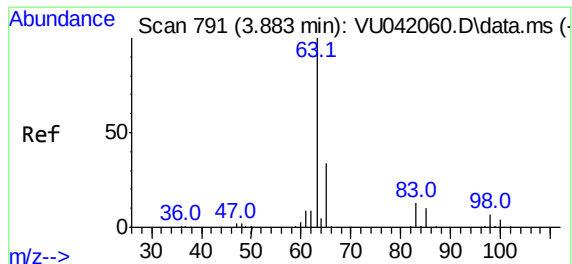
Tgt Ion: 73 Resp: 107017
Ion Ratio Lower Upper
73 100
43 18.6 15.1 22.7
57 21.9 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.88 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 96 Resp: 44904
Ion Ratio Lower Upper
96 100
61 134.7 103.2 191.6
98 59.7 43.8 81.3

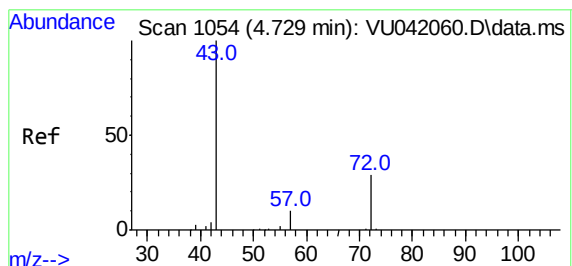
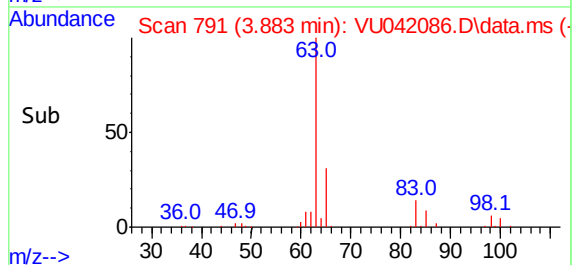
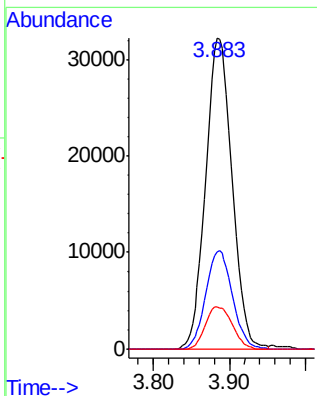
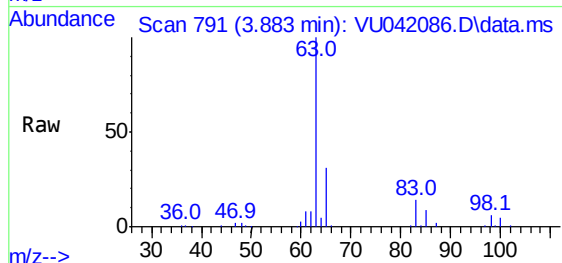




#19
1,1-Dichloroethane
Concen: 4.30 ug/L
RT: 3.883 min Scan# 791
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

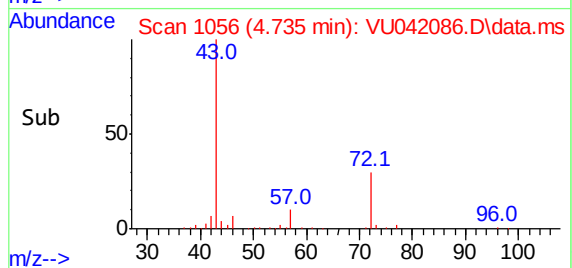
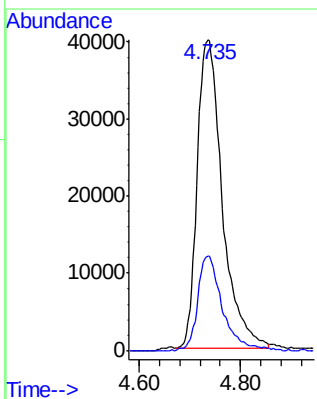
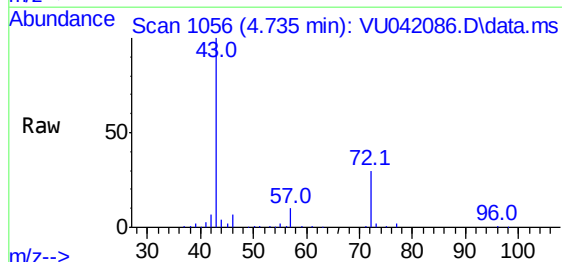
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

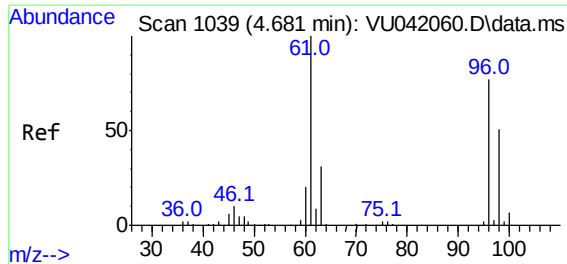
Tgt Ion: 63 Resp: 77656
Ion Ratio Lower Upper
63 100
65 31.3 22.7 42.1
83 13.6 9.4 17.6



#21
2-Butanone
Concen: 46.89 ug/L
RT: 4.735 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 43 Resp: 137136
Ion Ratio Lower Upper
43 100
72 29.7 13.7 41.1



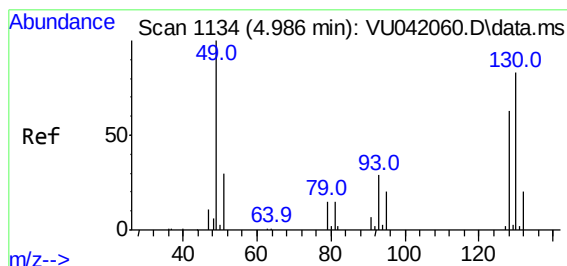
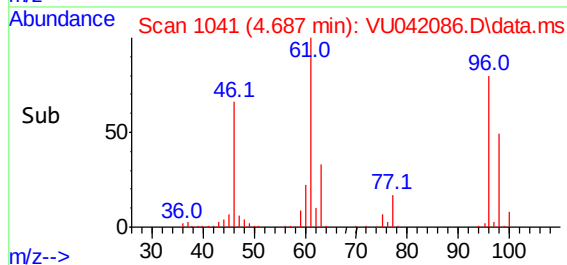
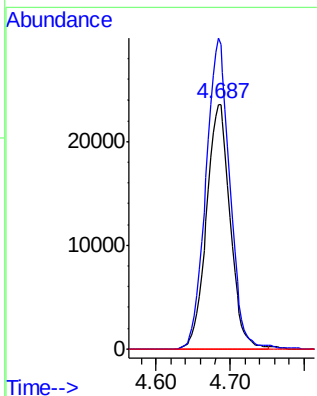
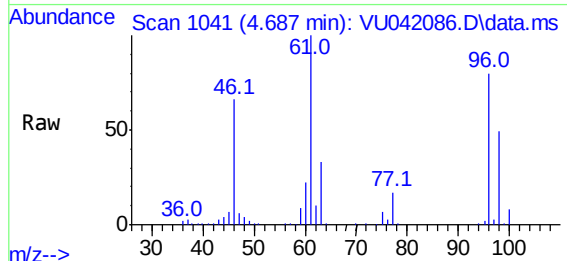


#22
 cis-1,2-Dichloroethene
 Concen: 5.43 ug/L
 RT: 4.687 min Scan# 1041
 Delta R.T. 0.006 min
 Lab File: VU042086.D
 Acq: 15 Jan 2021 20:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00519

Tgt Ion: 96 Resp: 52338

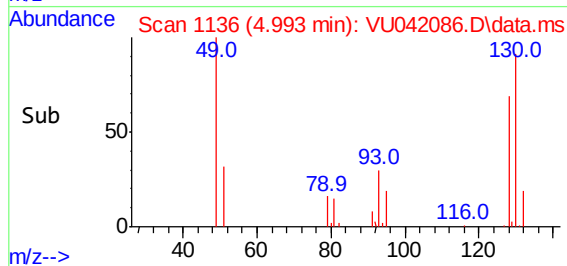
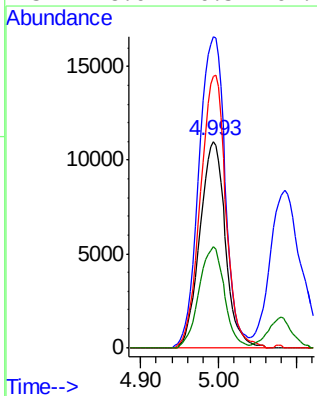
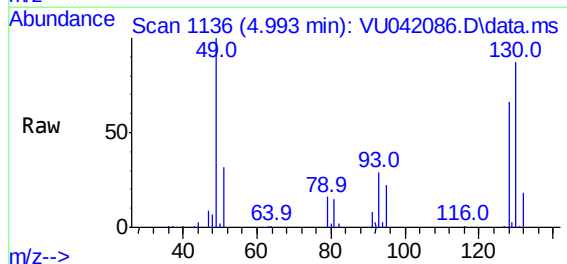
Ion	Ratio	Lower	Upper
96	100		
61	124.6	100.3	186.3
68	0.0	0.0	0.0

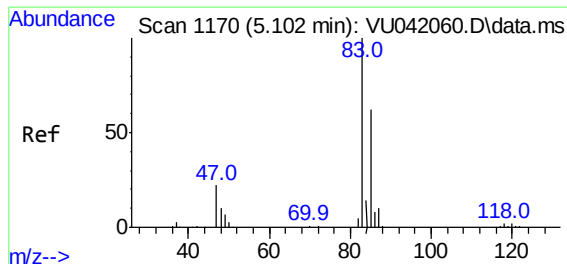


#23
 Bromochloromethane
 Concen: 5.66 ug/L
 RT: 4.993 min Scan# 1136
 Delta R.T. 0.006 min
 Lab File: VU042086.D
 Acq: 15 Jan 2021 20:50

Tgt Ion: 128 Resp: 24897

Ion	Ratio	Lower	Upper
128	100		
49	150.8	123.5	229.3
130	131.6	83.6	155.2
51	48.6	46.5	69.7

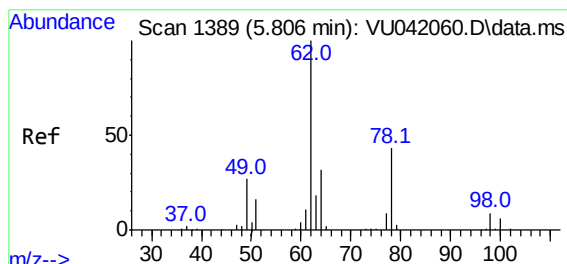
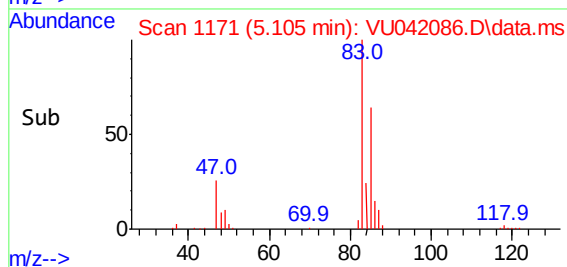
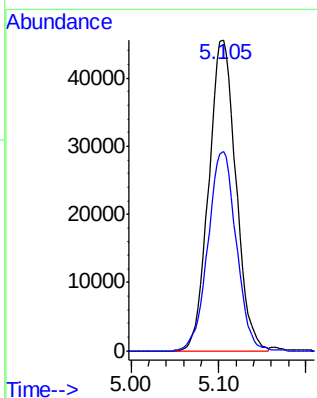
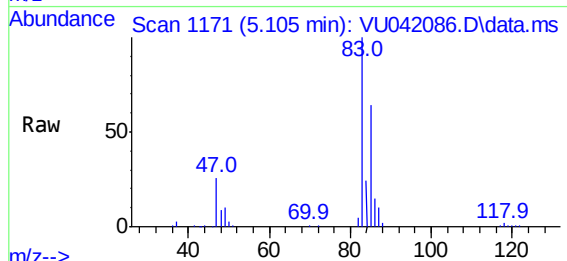




#25
Chloroform
Concen: 5.41 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

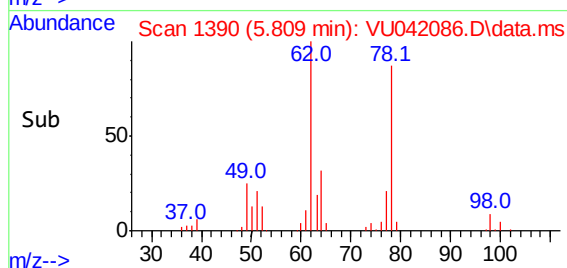
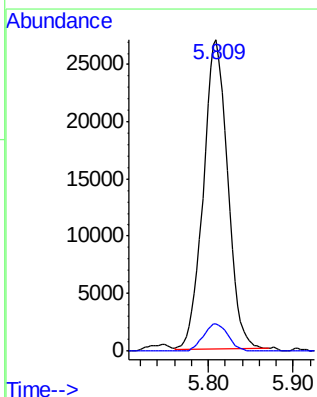
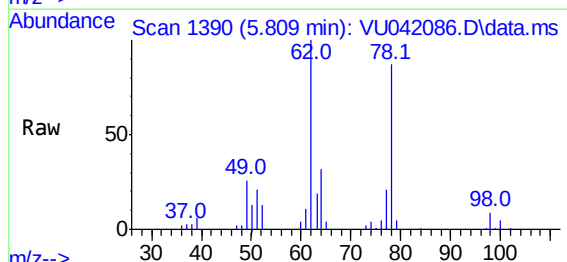
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

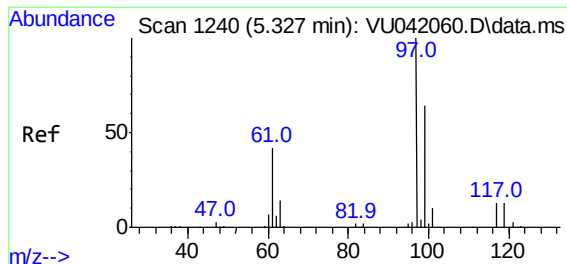
Tgt Ion: 83 Resp: 98048
Ion Ratio Lower Upper
83 100
85 64.2 46.1 85.7



#27
1,2-Dichloroethane
Concen: 4.65 ug/L
RT: 5.809 min Scan# 1390
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 62 Resp: 54057
Ion Ratio Lower Upper
62 100
98 8.7 7.1 10.7

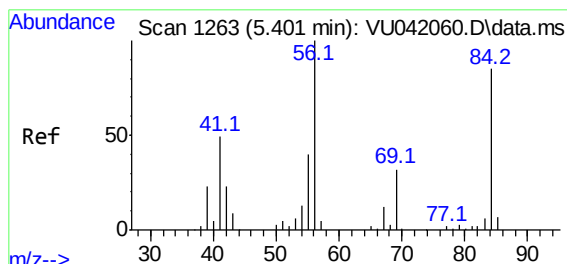
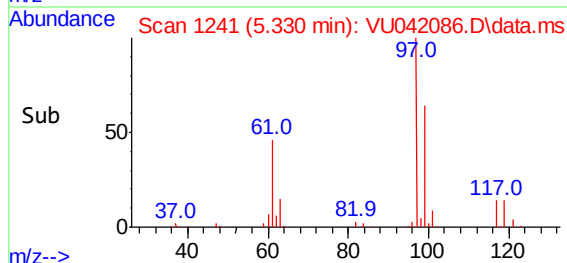
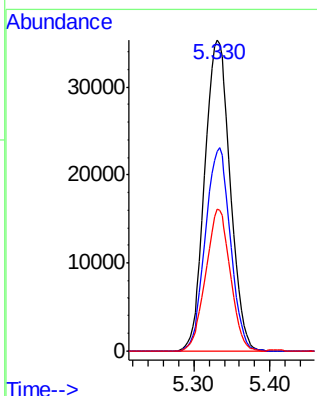
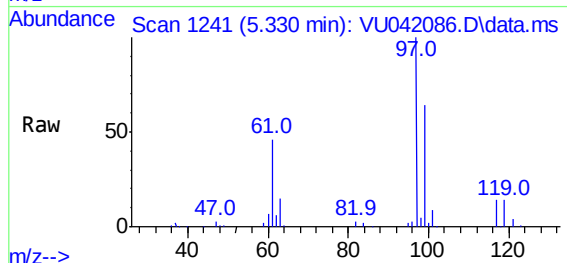




#29
1,1,1-Trichloroethane
Concen: 4.82 ug/L
RT: 5.330 min Scan# 1241
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

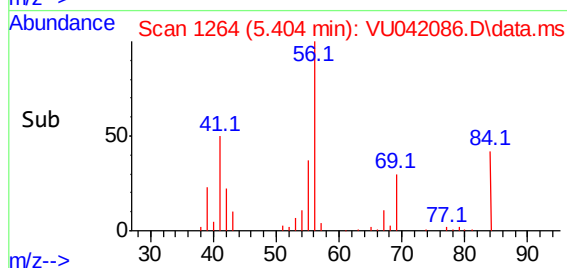
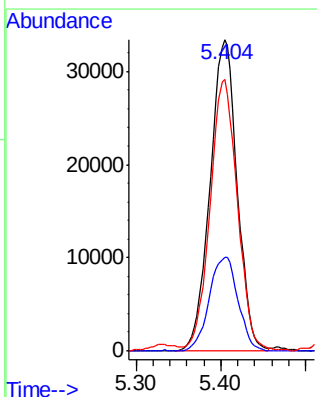
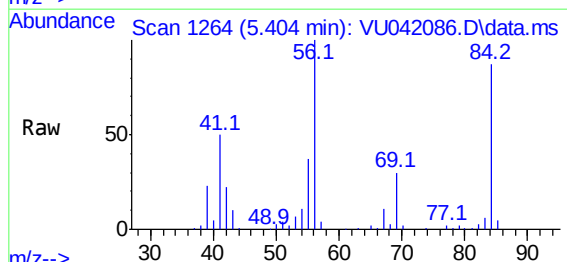
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

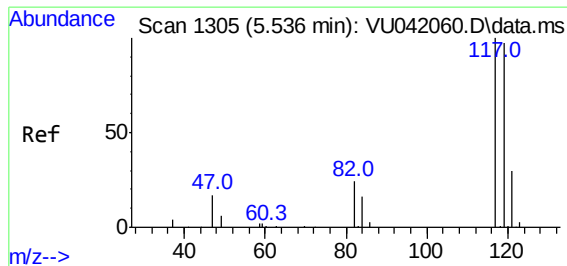
Tgt Ion: 97 Resp: 81797
Ion Ratio Lower Upper
97 100
99 64.4 50.2 75.4
61 44.1 35.8 53.6



#30
Cyclohexane
Concen: 4.23 ug/L
RT: 5.404 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 56 Resp: 73756
Ion Ratio Lower Upper
56 100
69 31.7 24.0 36.0
84 88.1 65.3 97.9

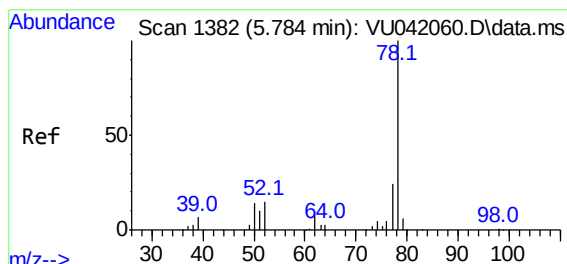
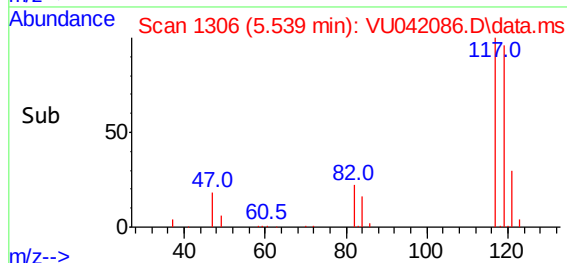
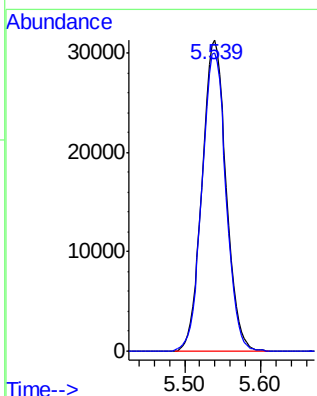
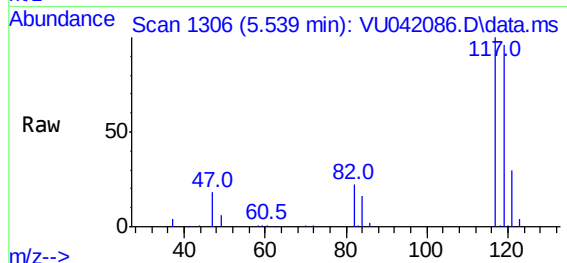




#31
Carbon tetrachloride
Concen: 4.67 ug/L
RT: 5.539 min Scan# 1306
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

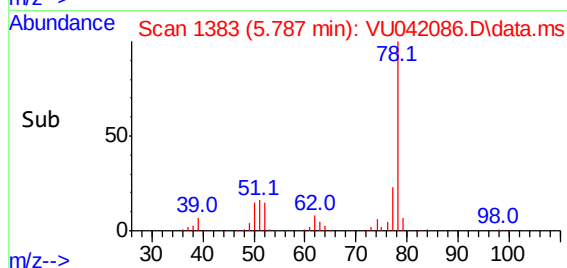
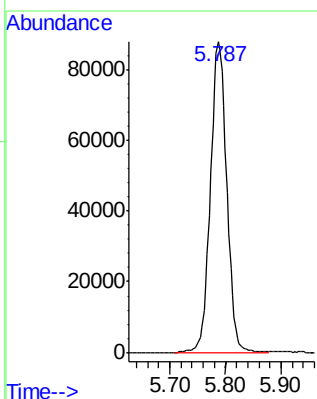
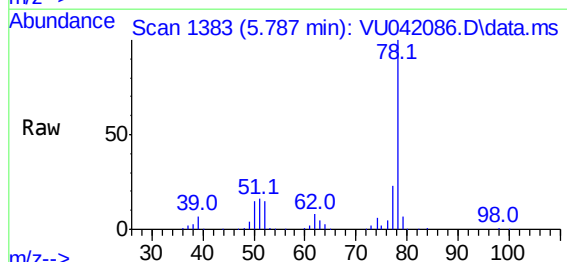
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

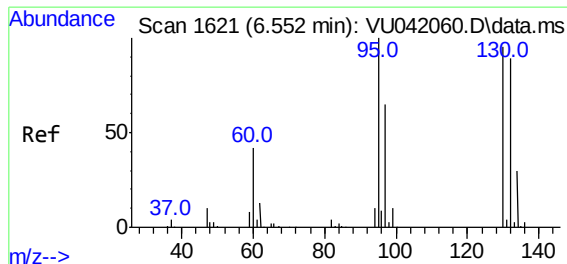
Tgt Ion:117 Resp: 68361
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8



#33
Benzene
Concen: 4.12 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 78 Resp: 178676



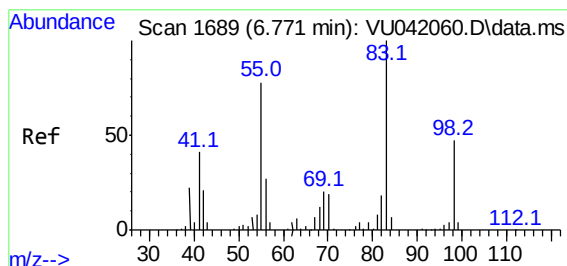
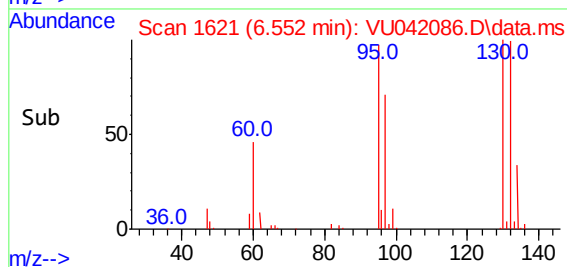
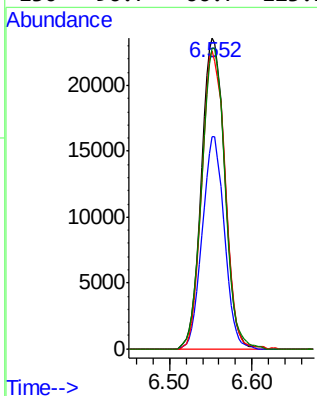
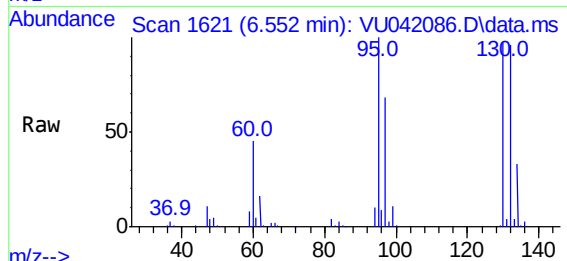


#34
Trichloroethene
Concen: 4.27 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

Tgt Ion: 95 Resp: 45721

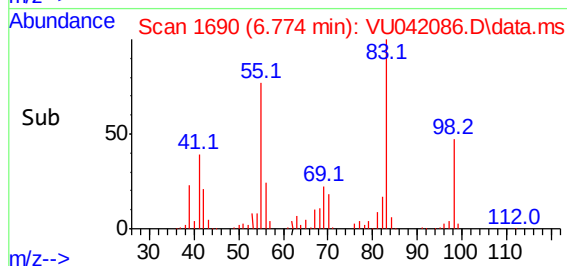
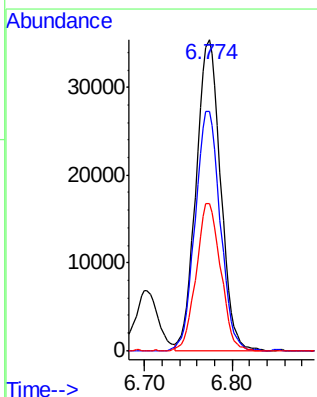
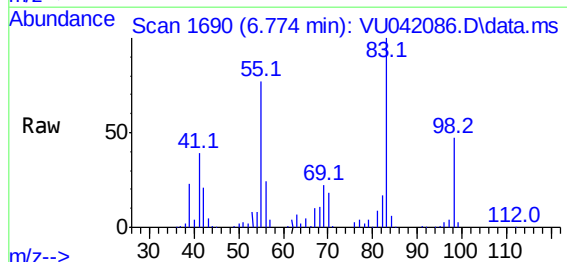
Ion	Ratio	Lower	Upper
95	100		
97	68.3	43.6	81.0
132	95.8	64.3	119.3
130	96.7	66.7	123.9

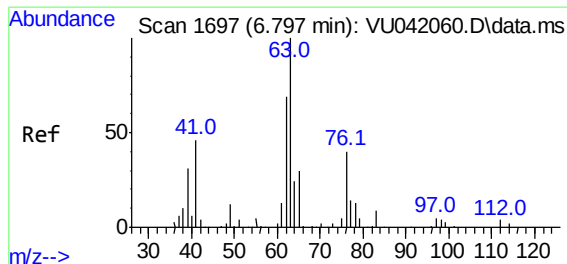


#35
Methylcyclohexane
Concen: 4.04 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 83 Resp: 68576

Ion	Ratio	Lower	Upper
83	100		
55	78.7	66.8	100.2
98	47.1	35.7	53.5

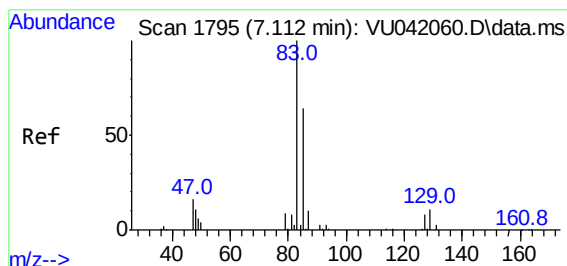
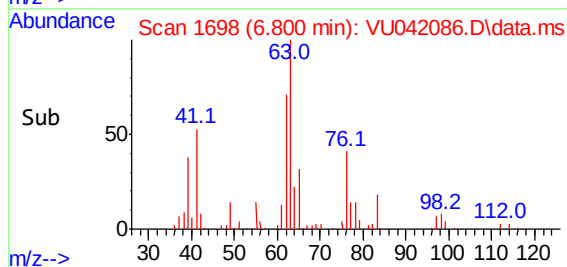
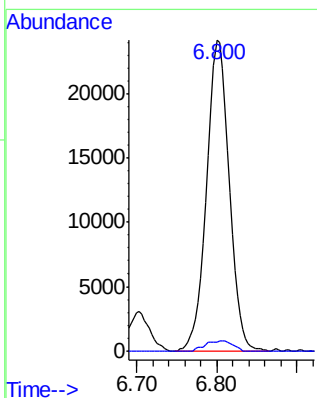
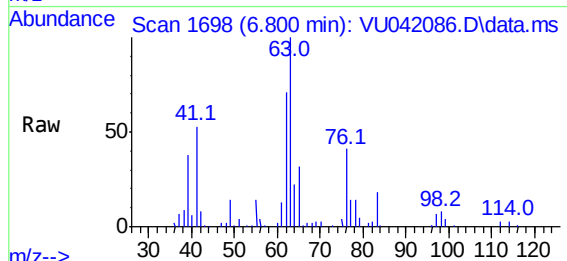




#37
1,2-Dichloropropane
Concen: 4.10 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

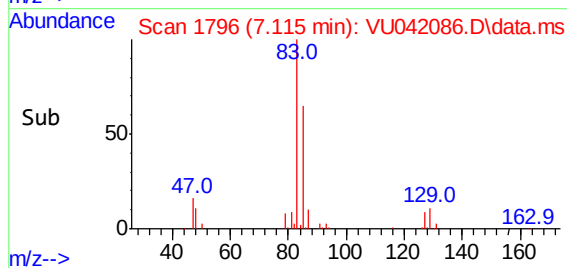
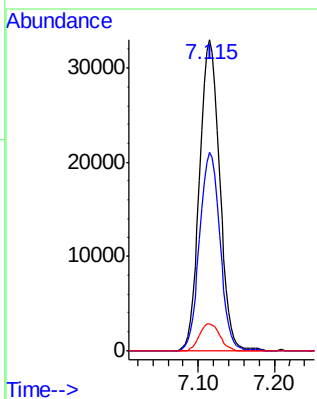
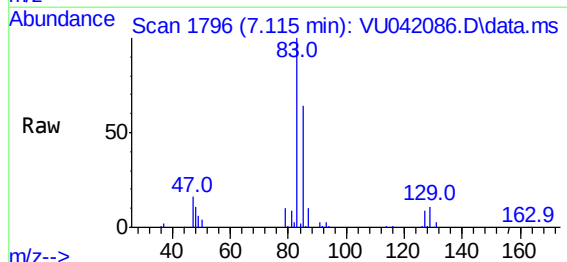
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

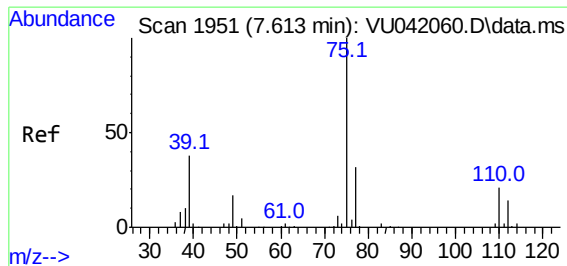
Tgt Ion: 63 Resp: 45574
Ion Ratio Lower Upper
63 100
112 3.8 2.7 4.1



#38
Bromodichloromethane
Concen: 4.16 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 83 Resp: 59932
Ion Ratio Lower Upper
83 100
85 63.7 45.8 85.0
127 8.6 6.1 9.1

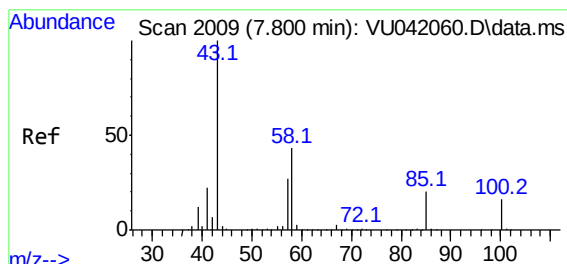
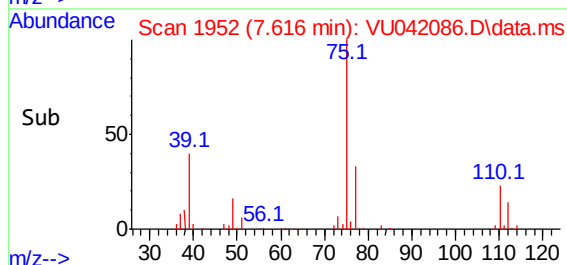
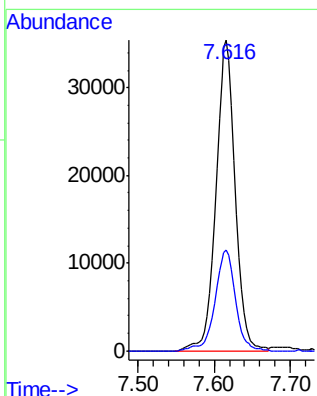
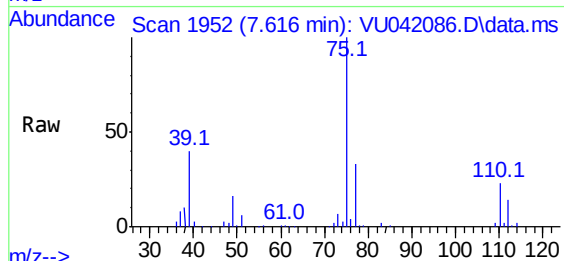




#39
cis-1,3-Dichloropropene
Concen: 3.76 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

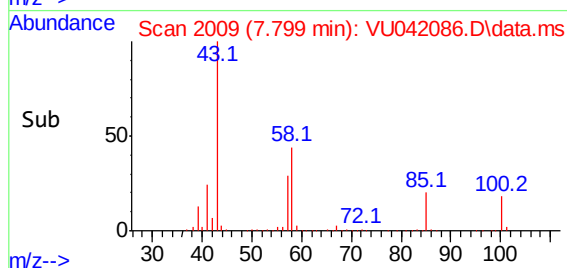
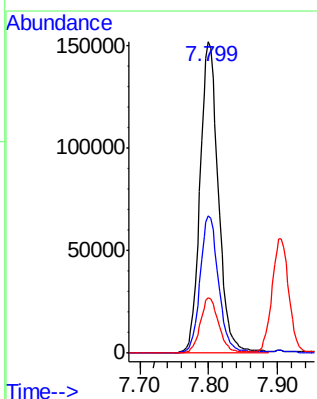
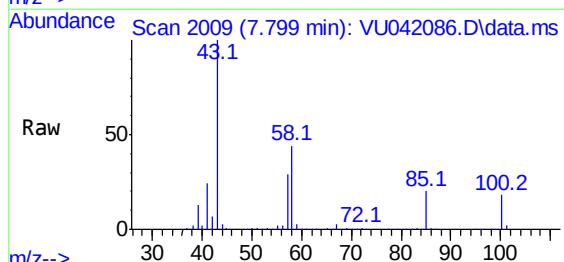
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

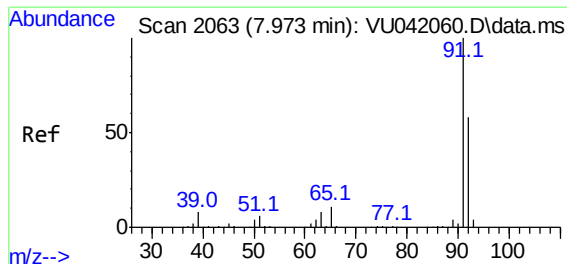
Tgt Ion: 75 Resp: 62327
Ion Ratio Lower Upper
75 100
77 32.6 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 36.02 ug/L
RT: 7.799 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 43 Resp: 278200
Ion Ratio Lower Upper
43 100
58 44.4 33.7 50.5
100 17.6 11.9 17.9





#42

Toluene

Concen: 4.26 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. 0.003 min

Lab File: VU042086.D

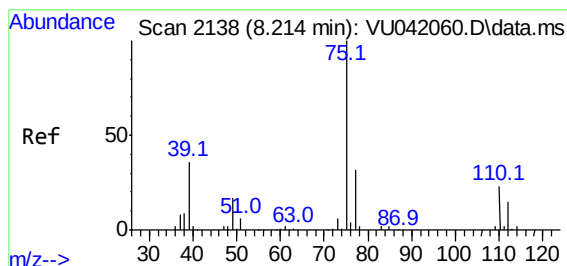
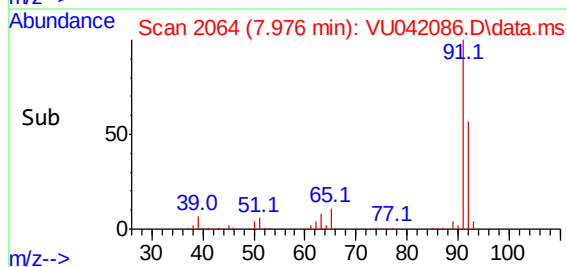
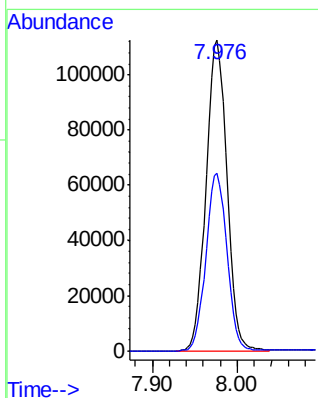
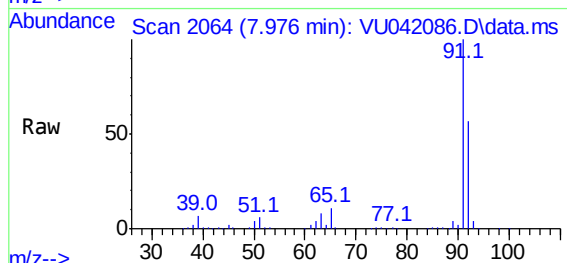
Acq: 15 Jan 2021 20:50

Tgt Ion: 91 Resp: 191980

Ion Ratio Lower Upper

91 100

92 57.1 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 4.11 ug/L

RT: 8.217 min Scan# 2139

Delta R.T. 0.003 min

Lab File: VU042086.D

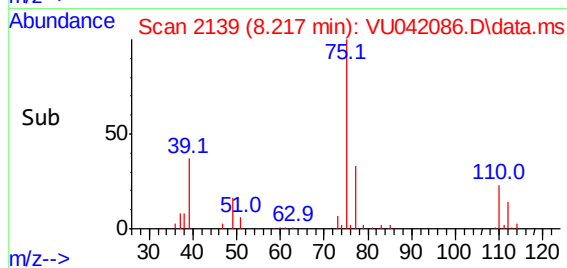
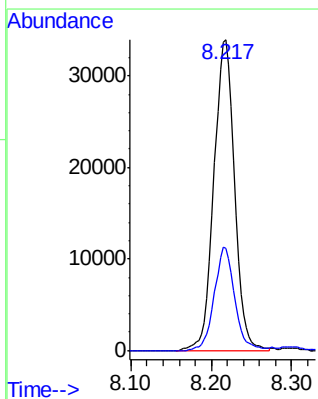
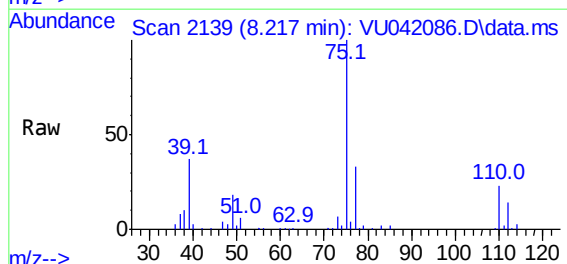
Acq: 15 Jan 2021 20:50

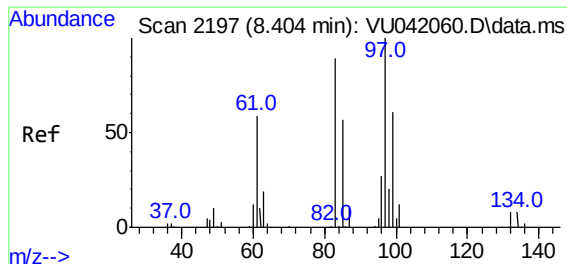
Tgt Ion: 75 Resp: 58913

Ion Ratio Lower Upper

75 100

77 32.9 22.0 41.0



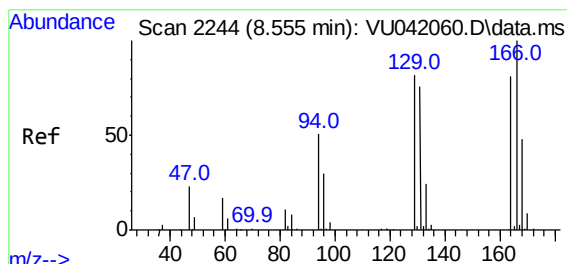
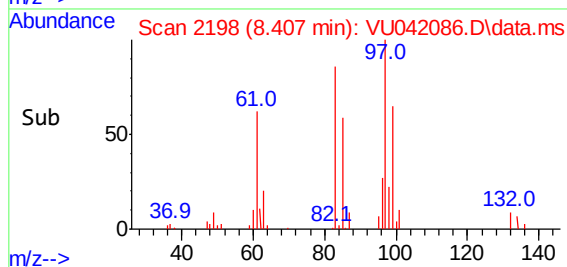
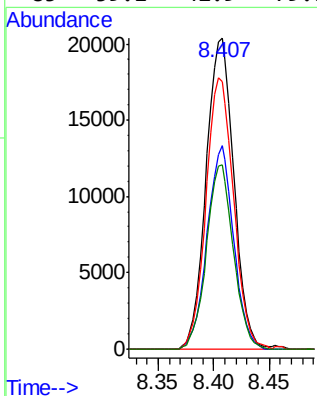
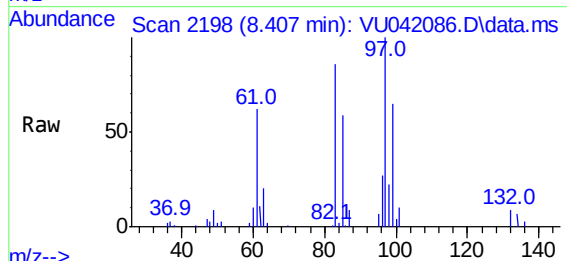


#45
1,1,2-Trichloroethane
Concen: 4.49 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

Tgt Ion: 97 Resp: 35271

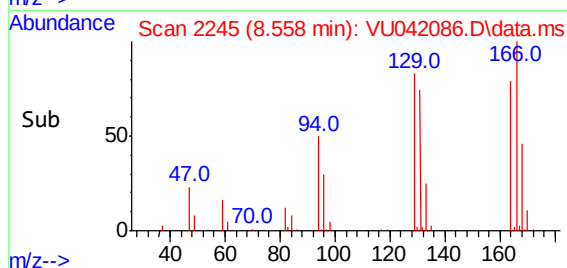
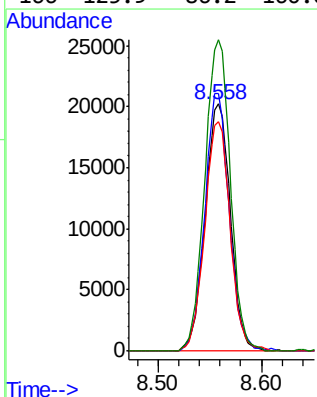
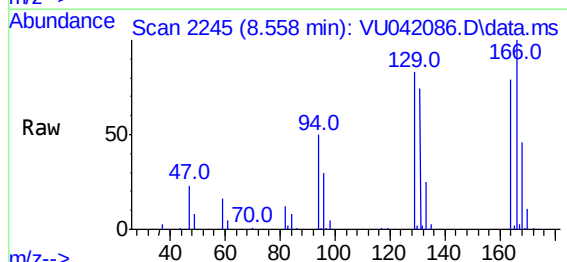
Ion	Ratio	Lower	Upper
97	100		
99	65.4	44.7	83.1
83	86.0	61.6	114.4
85	59.1	42.9	79.7

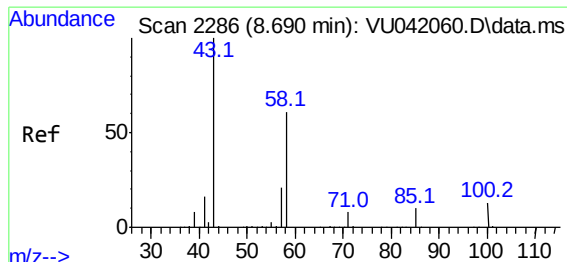


#47
Tetrachloroethene
Concen: 4.96 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 164 Resp: 34378

Ion	Ratio	Lower	Upper
164	100		
129	103.9	68.7	127.5
131	93.0	65.2	121.0
166	125.9	86.2	160.0



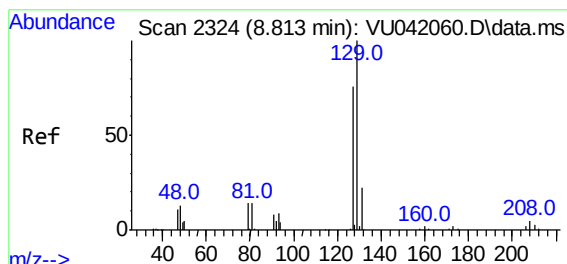
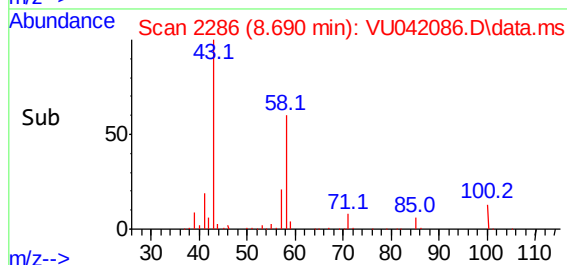
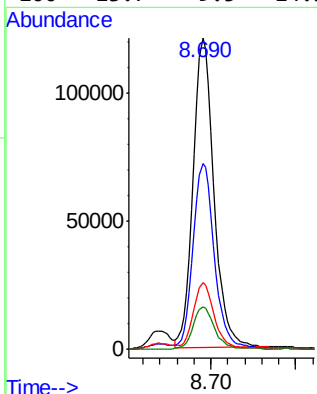
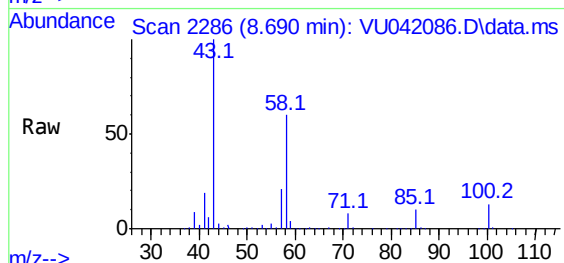


#48
2-Hexanone
Concen: 39.79 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

Tgt Ion: 43 Resp: 206383

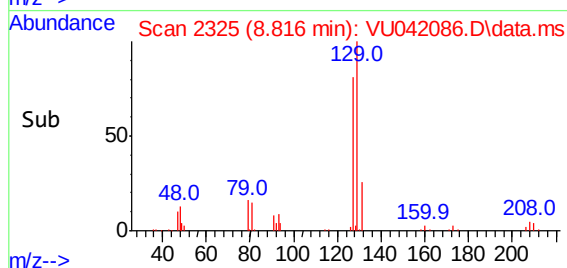
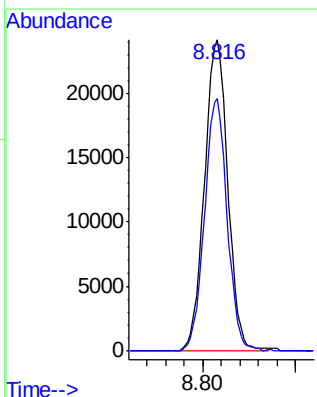
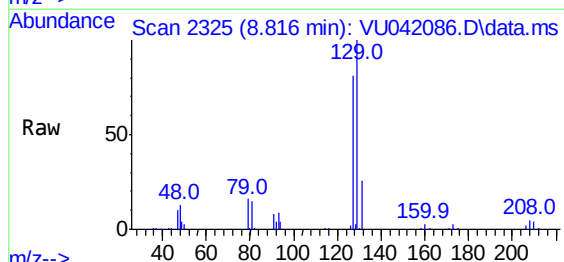
Ion	Ratio	Lower	Upper
43	100		
58	61.4	47.8	71.8
57	21.5	17.4	26.0
100	13.7	9.5	14.3

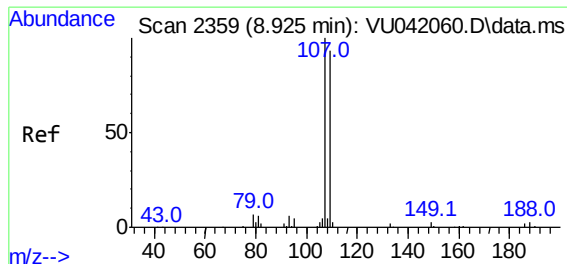


#49
Dibromochloromethane
Concen: 4.89 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 129 Resp: 41868

Ion	Ratio	Lower	Upper
129	100		
127	81.2	53.7	99.7

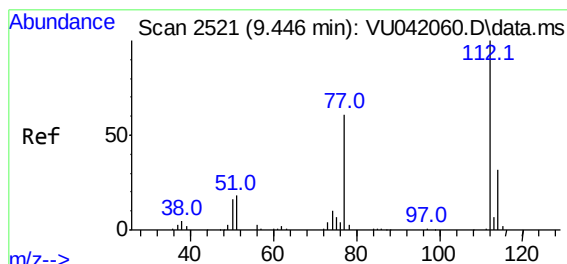
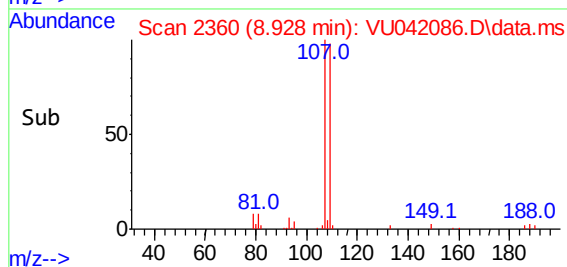
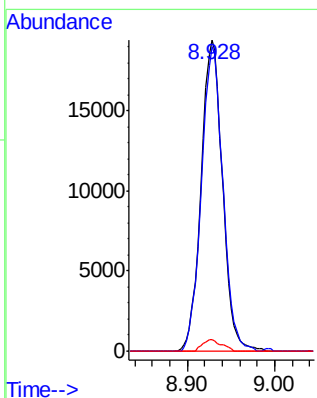
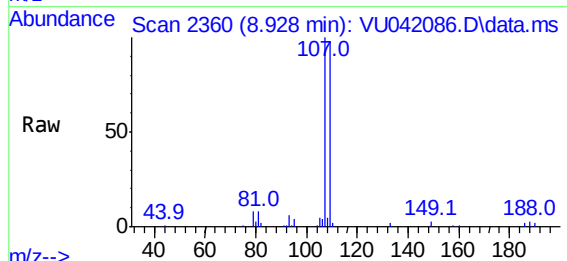




#50
1,2-Dibromoethane
Concen: 4.56 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

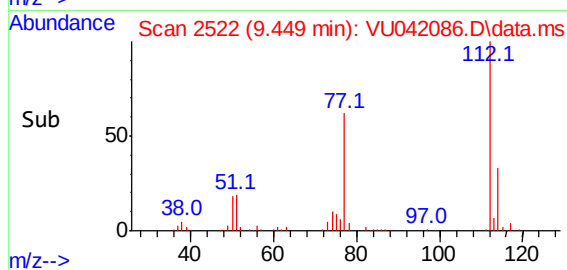
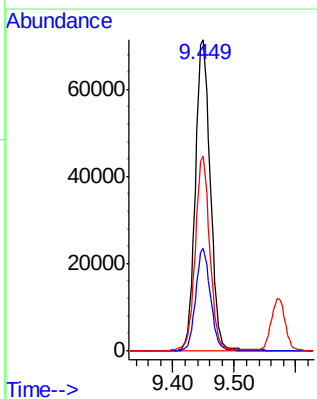
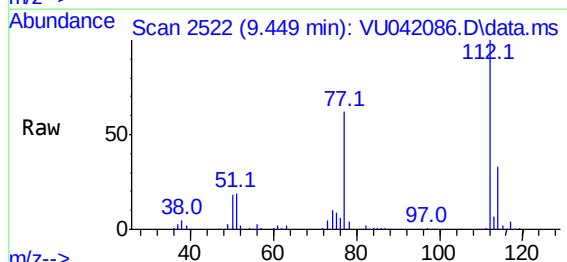
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

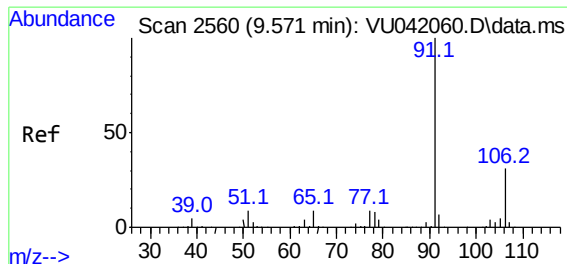
Tgt Ion:107 Resp: 32839
Ion Ratio Lower Upper
107 100
109 97.9 67.7 125.7
188 3.4 2.2 3.2#



#51
Chlorobenzene
Concen: 4.78 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion:112 Resp: 120955
Ion Ratio Lower Upper
112 100
114 32.8 22.3 41.3
77 62.4 48.2 72.4

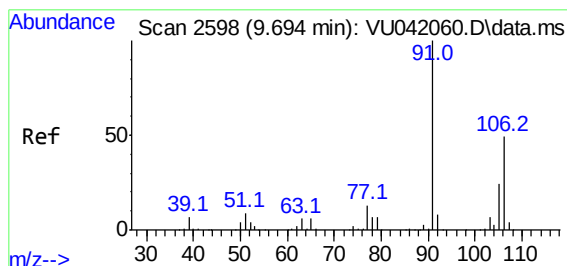
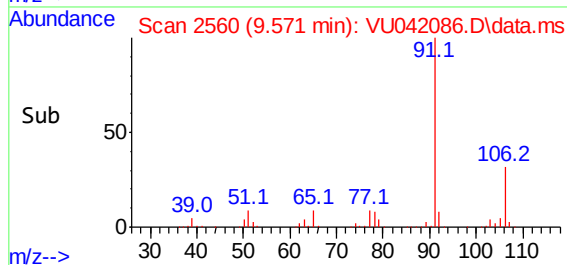
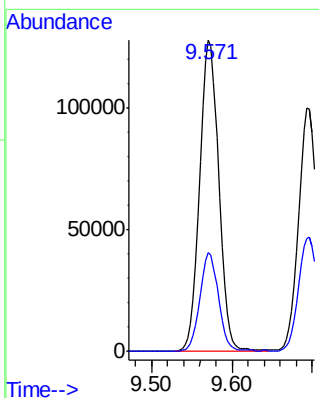
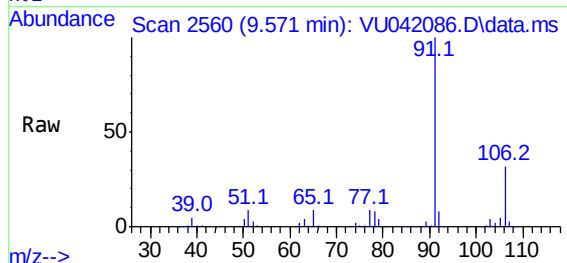




#52
Ethylbenzene
Concen: 4.66 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

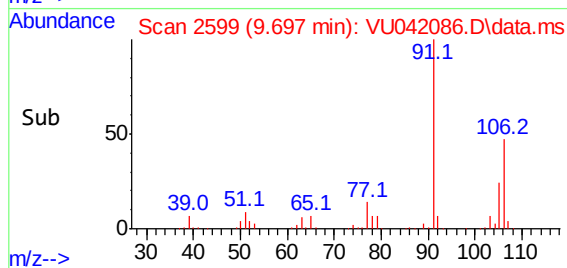
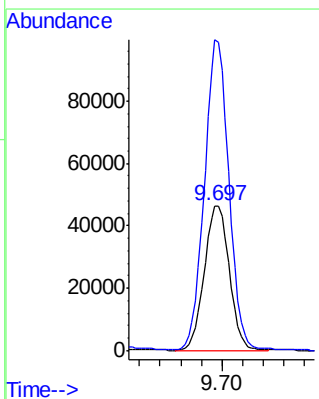
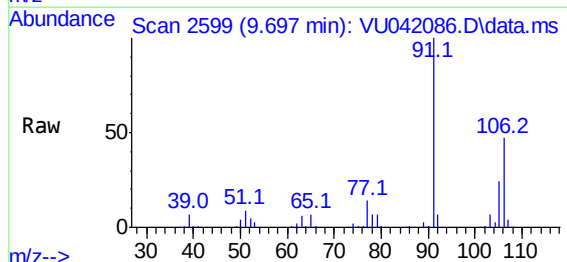
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

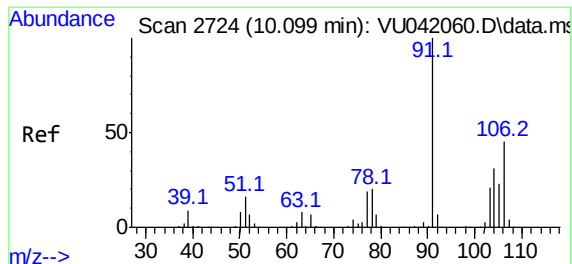
Tgt Ion: 91 Resp: 202734
Ion Ratio Lower Upper
91 100
106 31.7 21.0 39.0



#53
m,p-Xylene
Concen: 4.97 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 106 Resp: 78133
Ion Ratio Lower Upper
106 100
91 213.2 145.7 270.5

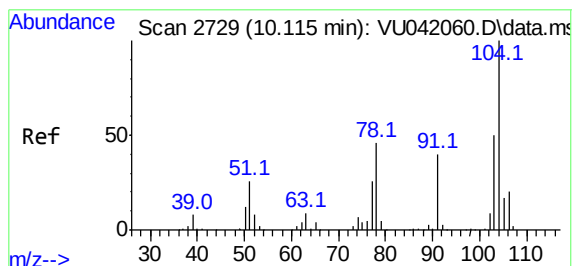
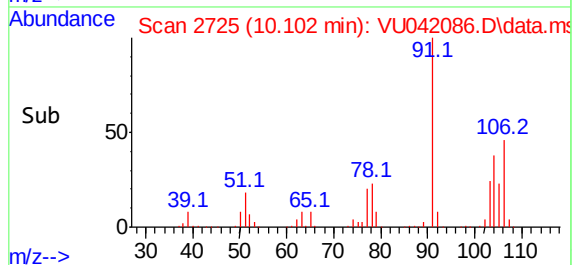
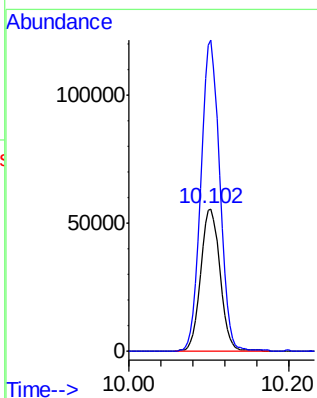
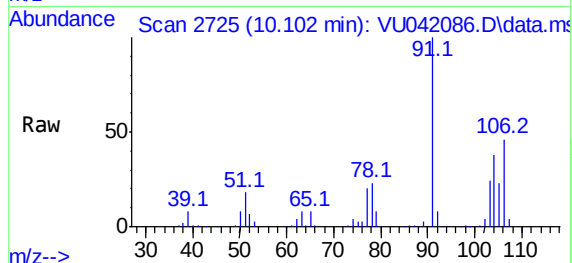




#54
o-Xylene
Concen: 5.81 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

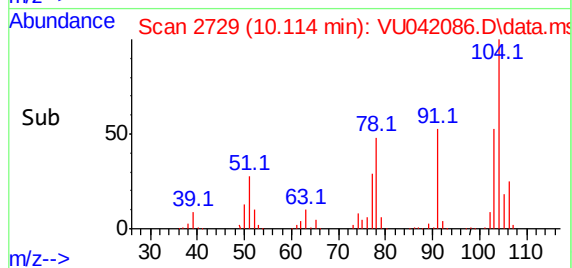
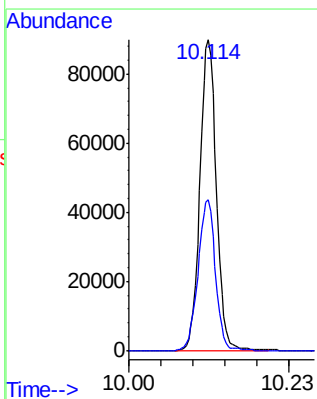
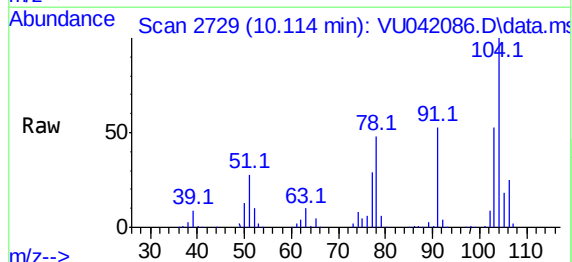
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

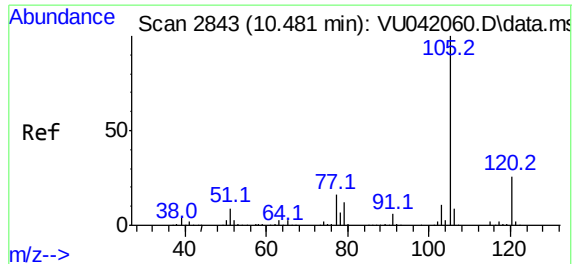
Tgt Ion:106 Resp: 88303
Ion Ratio Lower Upper
106 100
91 218.9 157.6 292.6



#55
Styrene
Concen: 5.68 ug/L
RT: 10.114 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

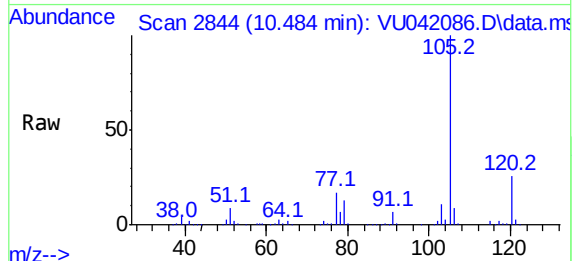
Tgt Ion:104 Resp: 148334
Ion Ratio Lower Upper
104 100
78 48.4 33.7 62.5



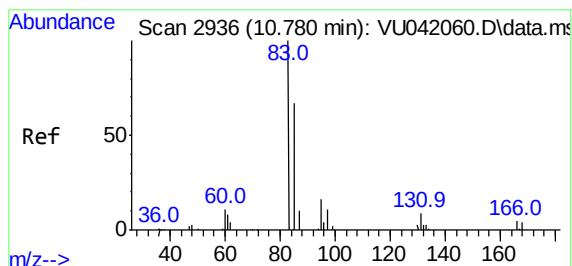
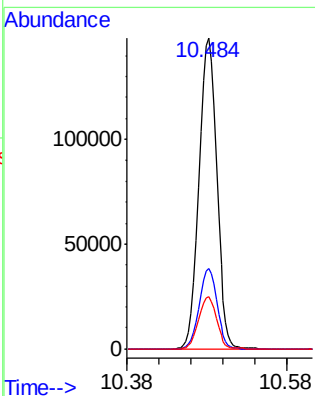
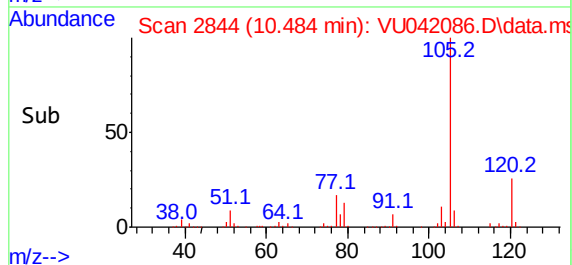


#56
Isopropylbenzene
Concen: 5.76 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

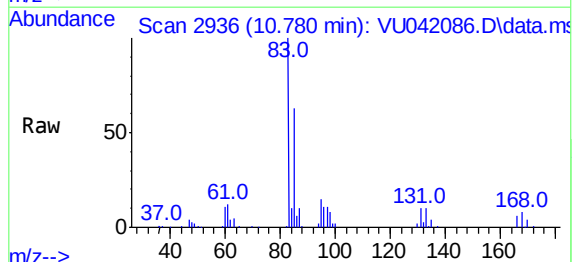
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519



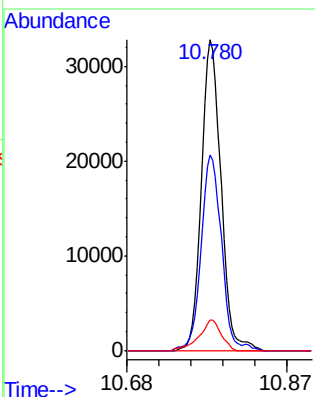
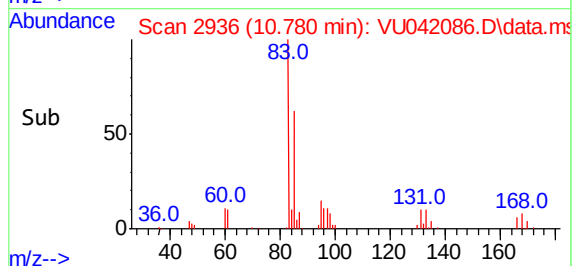
Tgt Ion:105 Resp: 234551
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 16.8 13.4 20.0

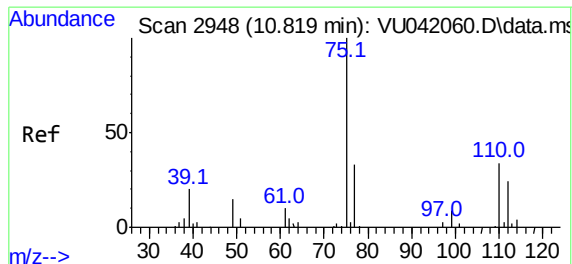


#58
1,1,2,2-Tetrachloroethane
Concen: 5.61 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50



Tgt Ion: 83 Resp: 53858
Ion Ratio Lower Upper
83 100
85 63.0 43.3 80.3
131 9.6 6.9 10.3

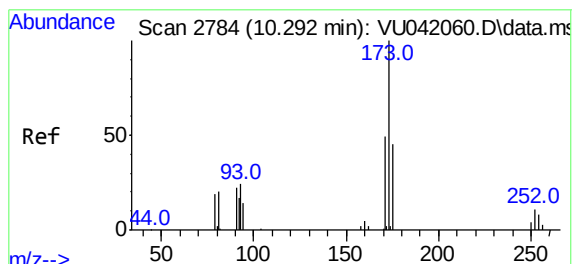
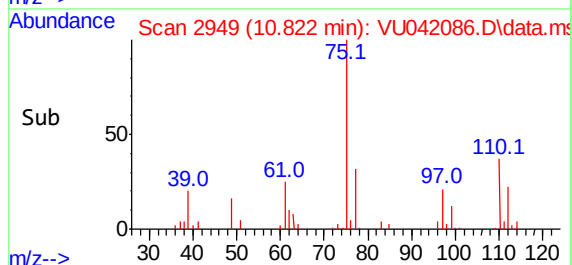
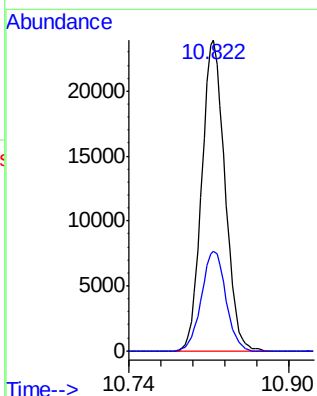
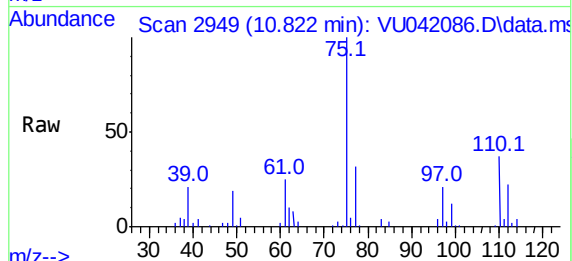




#59
1,2,3-Trichloropropane
Concen: 5.25 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

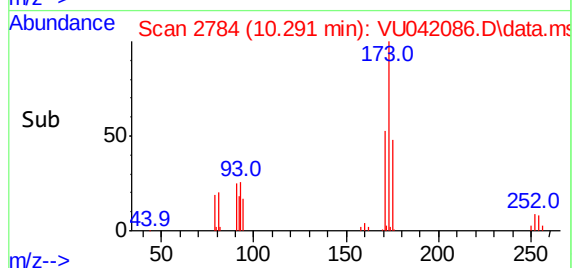
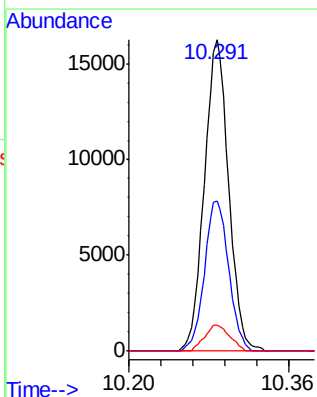
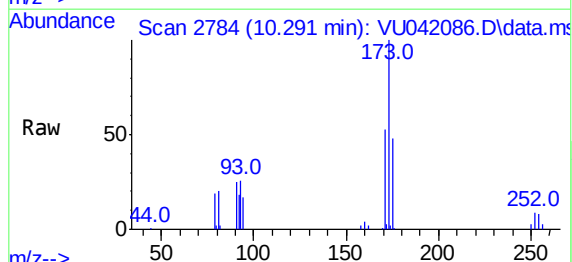
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

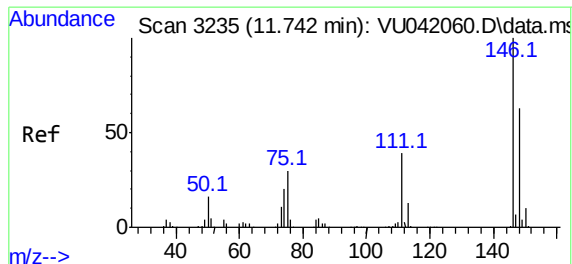
Tgt Ion: 75 Resp: 38423
Ion Ratio Lower Upper
75 100
77 33.8 25.6 38.4



#61
Bromoform
Concen: 4.31 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion:173 Resp: 27275
Ion Ratio Lower Upper
173 100
175 48.0 39.1 58.7
254 8.2 7.2 10.8

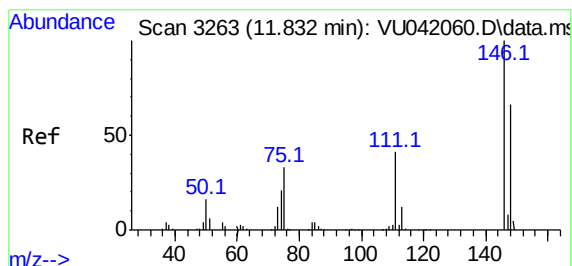
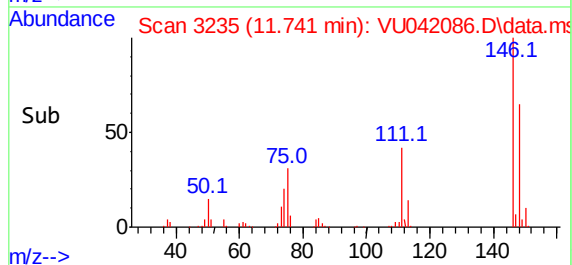
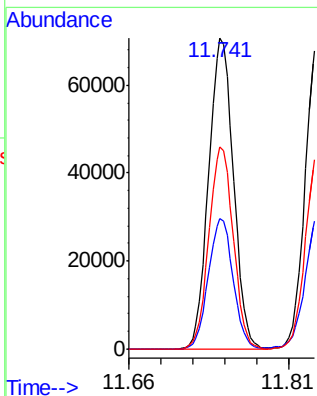
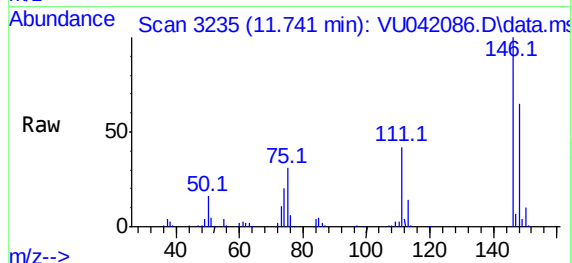




#62
1,3-Dichlorobenzene
Concen: 4.64 ug/L
RT: 11.741 min Scan# 3235
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

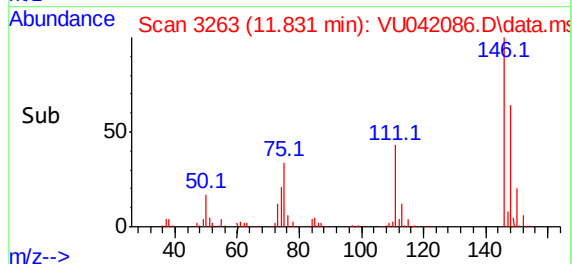
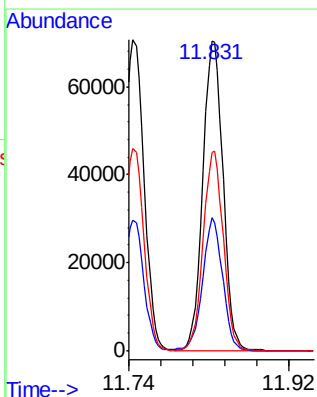
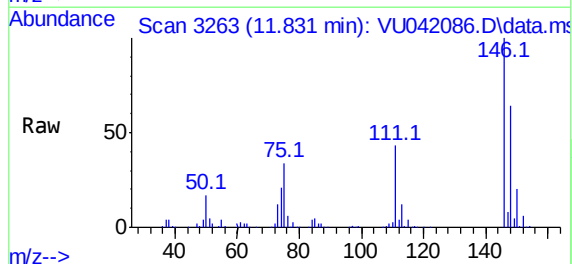
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

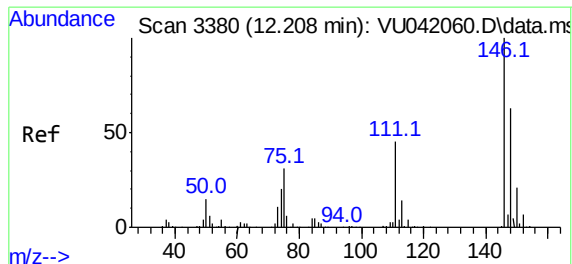
Tgt Ion:146 Resp: 113159
Ion Ratio Lower Upper
146 100
111 41.9 30.3 56.3
148 65.2 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 4.59 ug/L
RT: 11.831 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion:146 Resp: 112480
Ion Ratio Lower Upper
146 100
111 42.8 29.0 53.8
148 64.1 44.5 82.7

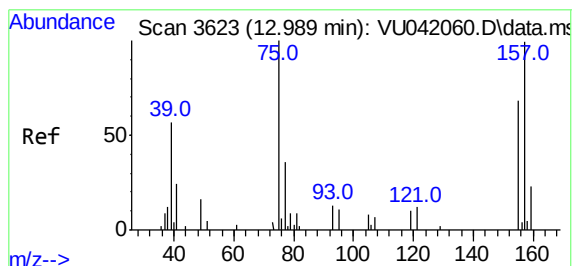
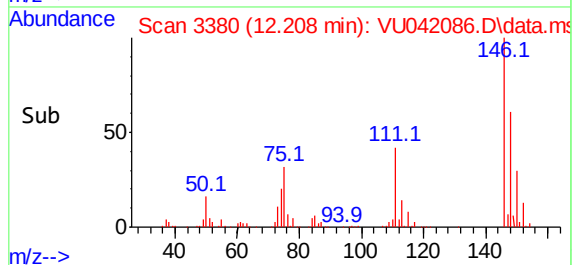
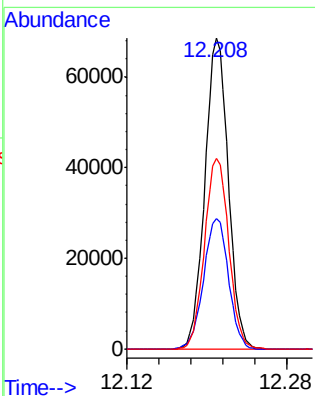
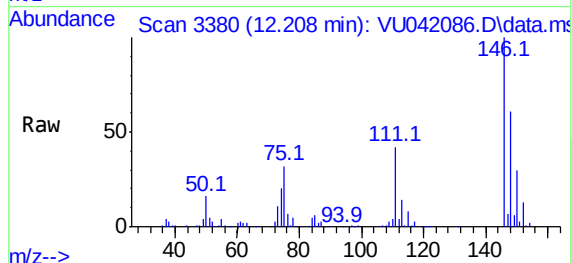




#65
1,2-Dichlorobenzene
Concen: 4.48 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

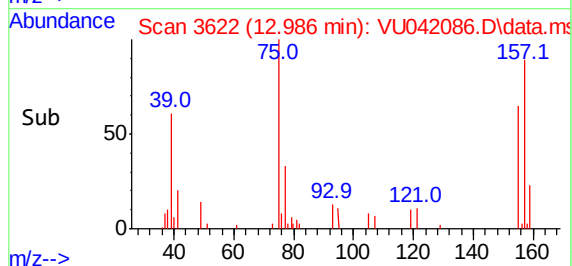
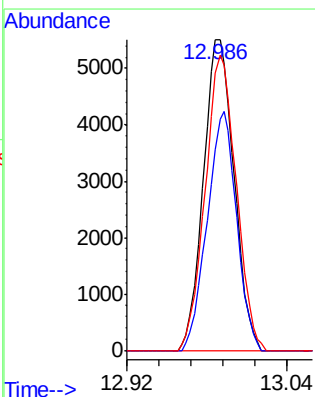
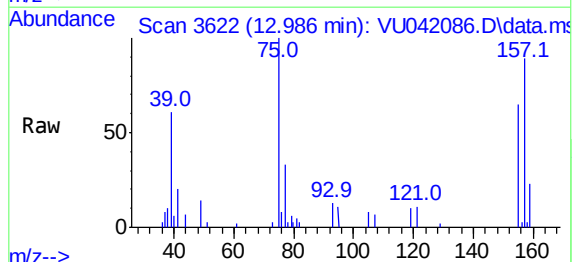
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

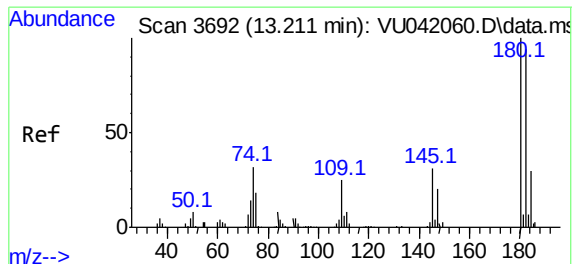
Tgt Ion:146 Resp: 107872
Ion Ratio Lower Upper
146 100
111 42.1 34.5 51.7
148 61.4 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 4.03 ug/L
RT: 12.986 min Scan# 3622
Delta R.T. -0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 75 Resp: 8897
Ion Ratio Lower Upper
75 100
155 64.7 56.6 84.8
157 89.4 75.0 112.4

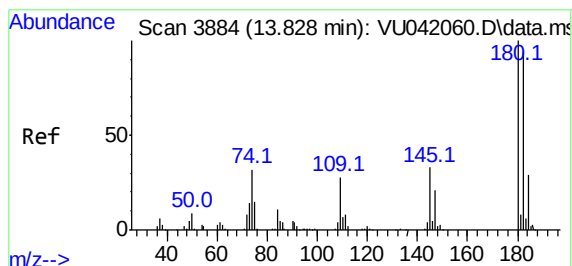
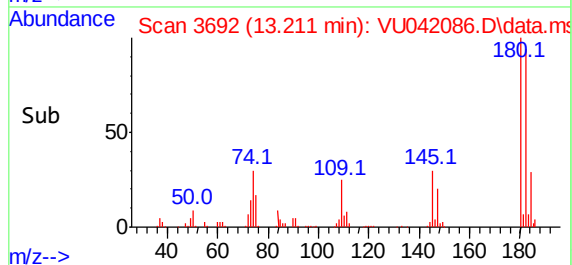
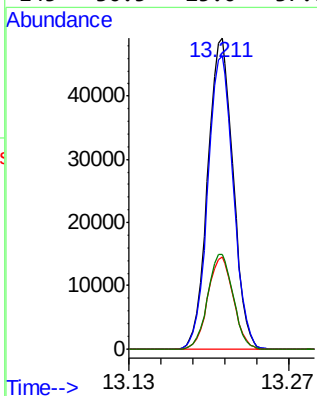
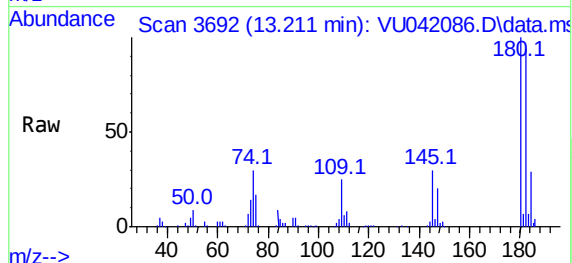




#67
1,3,5-Trichlorobenzene
Concen: 4.45 ug/L
RT: 13.211 min Scan# 3692
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

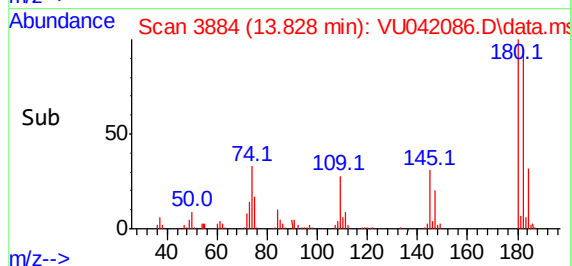
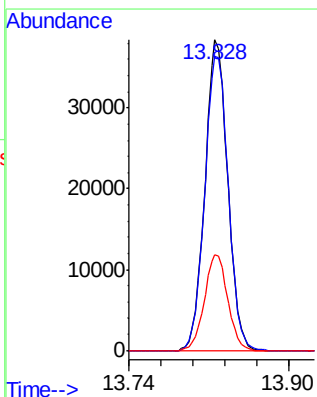
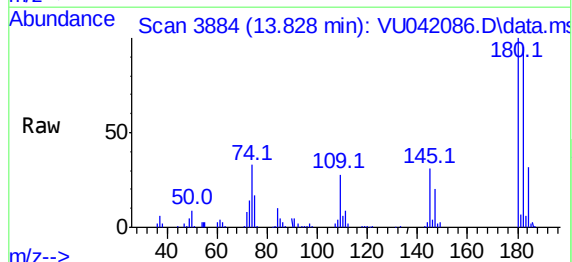
Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

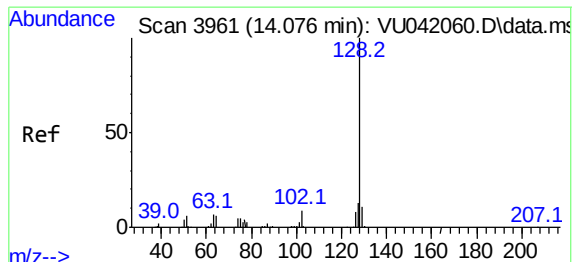
Tgt Ion:180 Resp: 77721
Ion Ratio Lower Upper
180 100
182 95.1 75.8 113.6
184 29.5 24.2 36.2
145 30.5 25.0 37.6



#68
1,2,4-trichlorobenzene
Concen: 4.45 ug/L
RT: 13.828 min Scan# 3884
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion:180 Resp: 58638
Ion Ratio Lower Upper
180 100
182 98.5 73.8 110.8
145 31.4 25.0 37.6

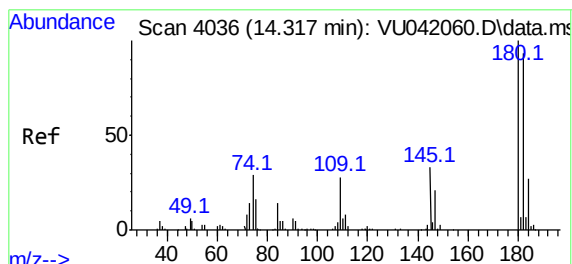
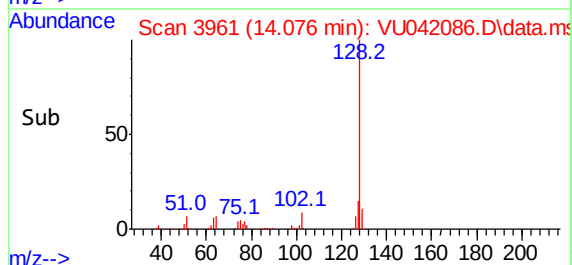
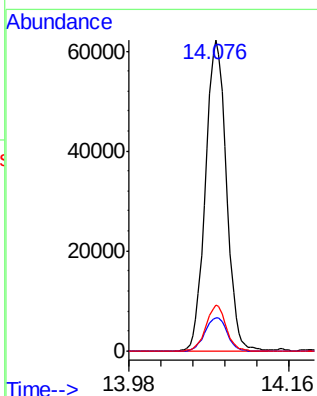
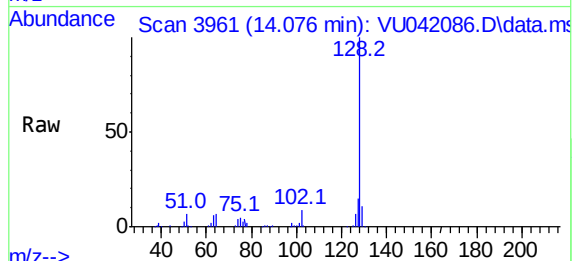




#69
Naphthalene
Concen: 4.23 ug/L
RT: 14.076 min Scan# 3961
Delta R.T. -0.000 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

Tgt Ion:128 Resp: 99110
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 14.0 10.5 15.7



#70
1,2,3-Trichlorobenzene
Concen: 4.63 ug/L
RT: 14.320 min Scan# 4037
Delta R.T. 0.003 min
Lab File: VU042086.D
Acq: 15 Jan 2021 20:50

Tgt Ion:180 Resp: 56654
Ion Ratio Lower Upper
180 100
182 94.4 77.3 115.9
145 35.0 27.6 41.4

