

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052121\
 Data File : VU043893.D
 Acq On : 21 May 2021 16:46
 Operator : SY/MD
 Sample : M2475-11MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB408MSD

Quant Time: May 22 00:54:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 22 00:45:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	220079	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	218463	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	123080	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	51506	3.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.40%
7) Chloroethane-d5	1.919	69	37754	3.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.60%
11) 1,1-Dichloroethene-d2	2.575	65	25763	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.645	46	189973	61.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.14%
24) Chloroform-d	5.073	84	129356	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.710	65	64468	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.735	84	251752	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.700	67	81043	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.906	98	237450	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloroprop...	8.185	79	30249	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.642	63	150409	50.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.76%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	72017	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
66) 1,2-Dichlorobenzene-d4	12.198	152	92907	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	80834	5.04	ug/L	99
3) Chloromethane	1.523	50	87624	4.66	ug/L	99
5) Vinyl chloride	1.607	62	91131	4.88	ug/L	98
6) Bromomethane	1.864	94	49159	4.46	ug/L	99
8) Chloroethane	1.938	64	44995	4.28	ug/L	100
9) Trichlorofluoromethane	2.144	101	106430	4.91	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	81197	5.50	ug/L	97
12) 1,1-Dichloroethene	2.588	96	91502	6.30	ug/L	85
13) Acetone	2.652	43	114423	58.41	ug/L	98
14) Carbon disulfide	2.800	76	243077	5.00	ug/L	99
15) Methyl Acetate	2.964	43	29572	5.07	ug/L	92
16) Methylene chloride	3.054	84	86183	4.00	ug/L	94
17) Methyl tert-butyl Ether	3.375	73	166472	5.06	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	81110	5.32	ug/L	94
19) 1,1-Dichloroethane	3.880	63	148816	5.40	ug/L	99
21) 2-Butanone	4.723	43	217546	58.08	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	85039	5.30	ug/L	96
23) Bromochloromethane	4.983	128	42587	5.64	ug/L	92
25) Chloroform	5.099	83	146648	5.37	ug/L	98

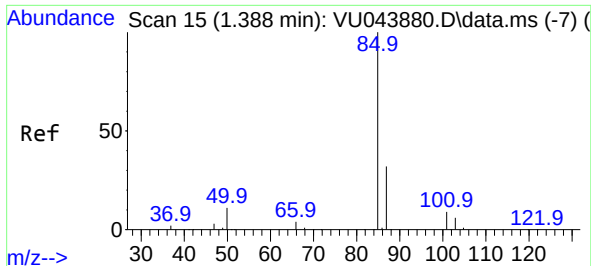
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	89213	5.30	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	132513	5.82	ug/L	98
30) Cyclohexane	5.398	56	118512	4.69	ug/L	94
31) Carbon tetrachloride	5.533	117	102824	5.40	ug/L	98
33) Benzene	5.784	78	337324	5.34	ug/L	100
34) Trichloroethene	6.549	95	83568	5.15	ug/L	98
35) Methylcyclohexane	6.771	83	128795	5.11	ug/L	97
37) 1,2-Dichloropropane	6.800	63	85282	5.16	ug/L	99
38) Bromodichloromethane	7.115	83	102484	5.32	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	111001	5.05	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	518804	49.22	ug/L	97
42) Toluene	7.976	91	359845	5.42	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	97251	5.13	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	63816	5.37	ug/L	99
47) Tetrachloroethene	8.558	164	84771	6.47	ug/L	98
48) 2-Hexanone	8.693	43	390781	49.97	ug/L	97
49) Dibromochloromethane	8.816	129	72845	5.50	ug/L	98
50) 1,2-Dibromoethane	8.931	107	59896	5.36	ug/L	98
51) Chlorobenzene	9.452	112	221914	5.35	ug/L	98
52) Ethylbenzene	9.578	91	355158	5.23	ug/L	99
53) m,p-Xylene	9.700	106	140216	5.43	ug/L	97
54) o-Xylene	10.108	106	132932	5.39	ug/L	100
55) Styrene	10.121	104	230616	5.54	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	80112	5.31	ug/L	99
59) Bromoform	10.298	173	42780	5.16	ug/L	98
60) Isopropylbenzene	10.491	105	349982	5.18	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	58491	4.98	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	277784	5.11	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	286483	5.14	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	185443	5.33	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	183606	5.25	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	175188	5.24	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	11737	4.87	ug/L	94
69) 1,3,5-Trichlorobenzene	13.224	180	142500	5.13	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	110939	4.85	ug/L	99
71) Naphthalene	14.092	128	178316	4.42	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	109879	5.06	ug/L	99

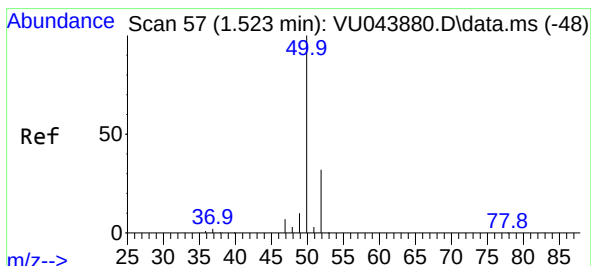
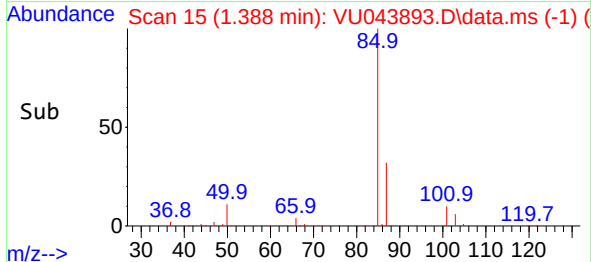
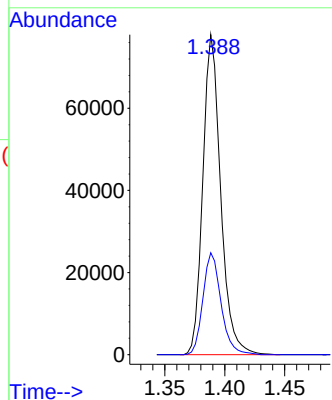
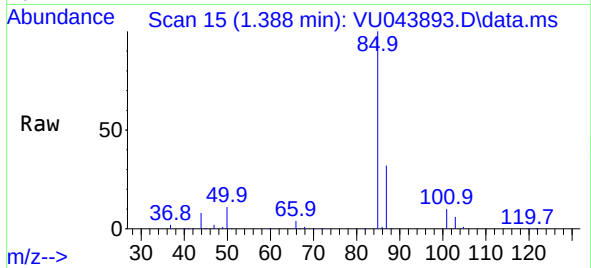
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.04 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

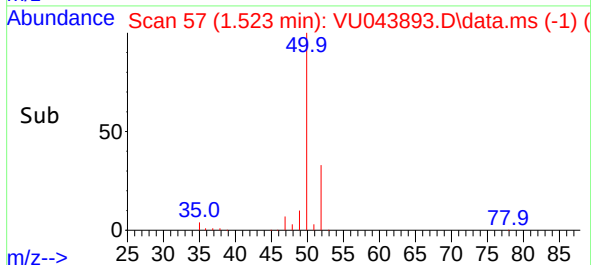
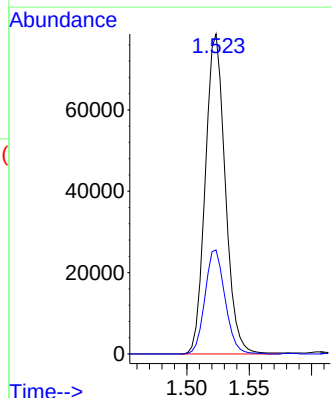
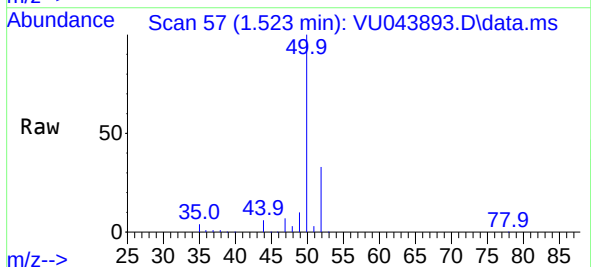
Instrument :
MSVOA_U
ClientSampleId :
GB408MSD

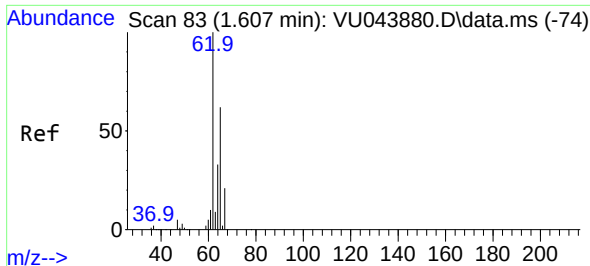
Tgt Ion: 85 Resp: 80834
Ion Ratio Lower Upper
85 100
87 32.3 25.5 38.3



#3
Chloromethane
Concen: 4.66 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion: 50 Resp: 87624
Ion Ratio Lower Upper
50 100
52 32.5 23.2 43.2

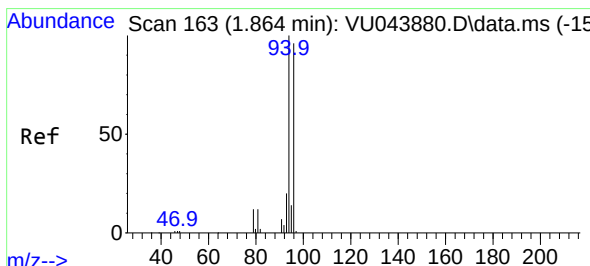
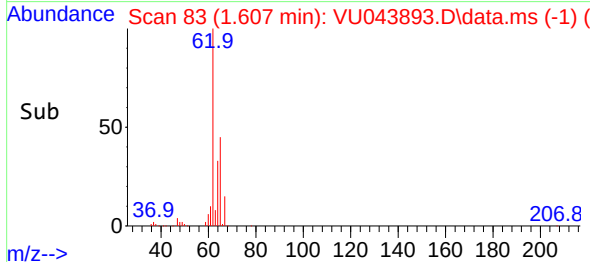
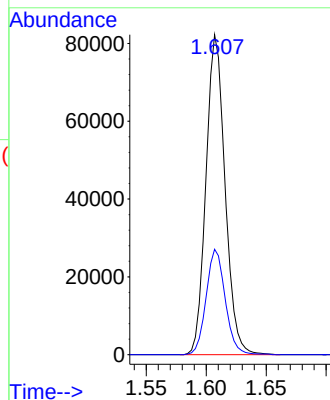
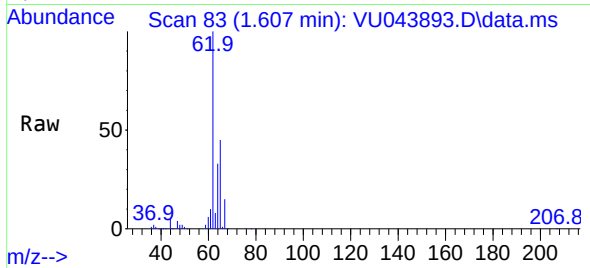




#5
 Vinyl chloride
 Concen: 4.88 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043893.D
 Acq: 21 May 2021 16:46

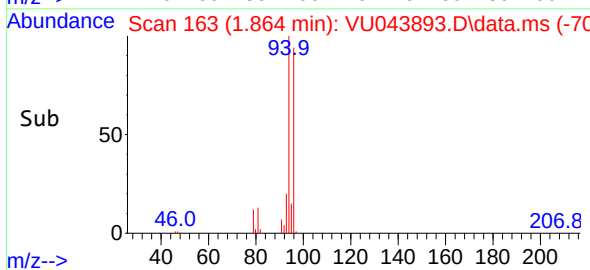
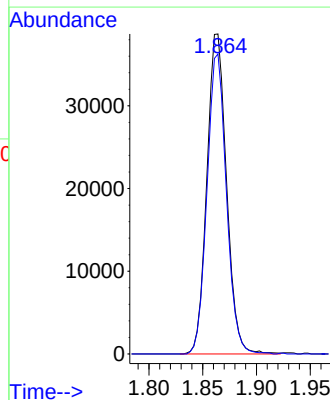
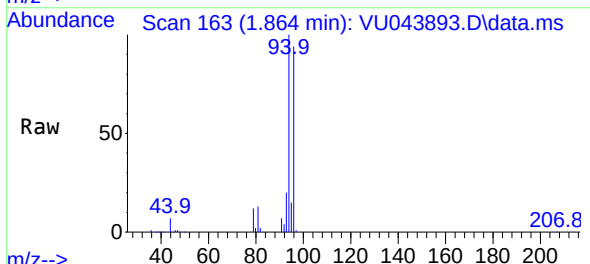
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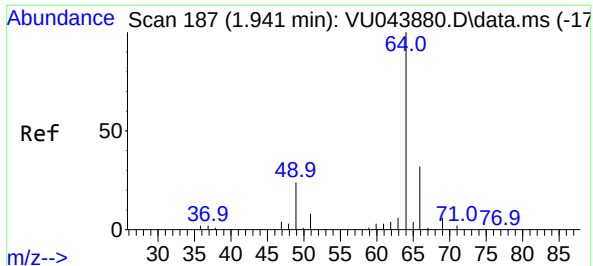
Tgt Ion: 62 Resp: 91131
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.1 41.1



#6
 Bromomethane
 Concen: 4.46 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU043893.D
 Acq: 21 May 2021 16:46

Tgt Ion: 94 Resp: 49159
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.0 120.8

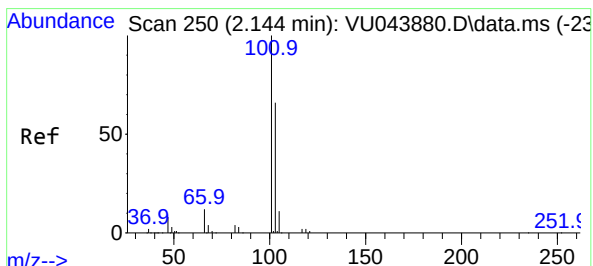
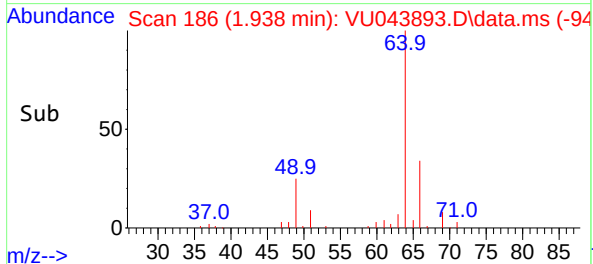
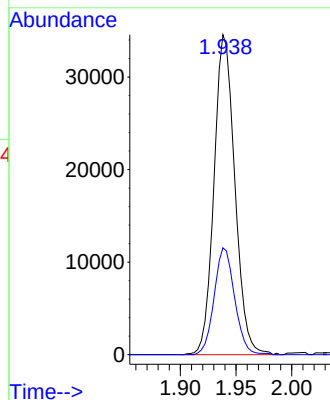
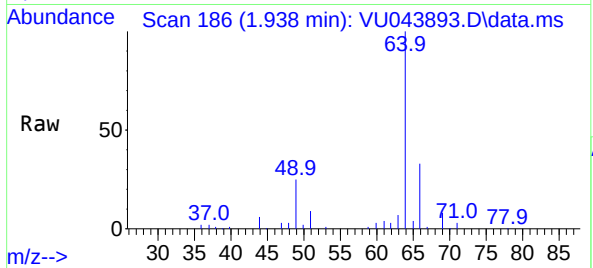




#8
Chloroethane
Concen: 4.28 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

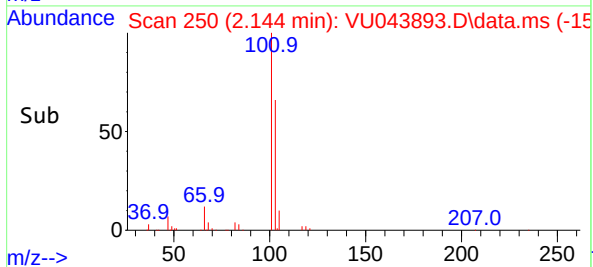
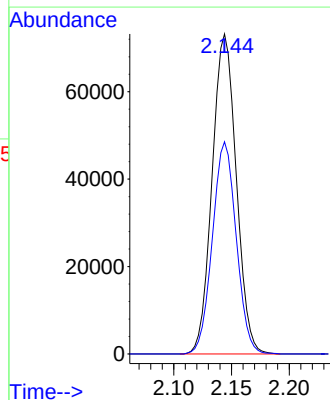
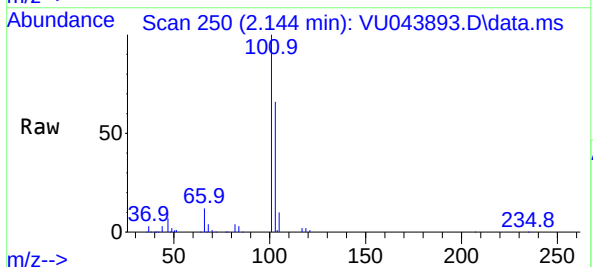
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ClientSampleId :
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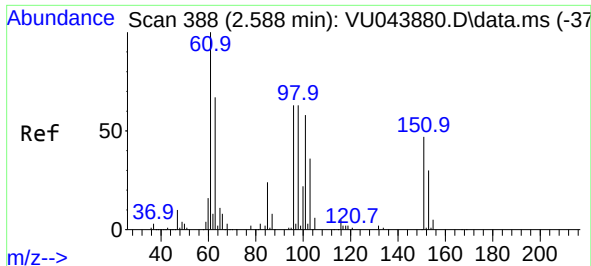
Tgt Ion: 64 Resp: 44995
Ion Ratio Lower Upper
64 100
66 33.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 4.91 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion: 101 Resp: 106430
Ion Ratio Lower Upper
101 100
103 65.5 52.1 78.1

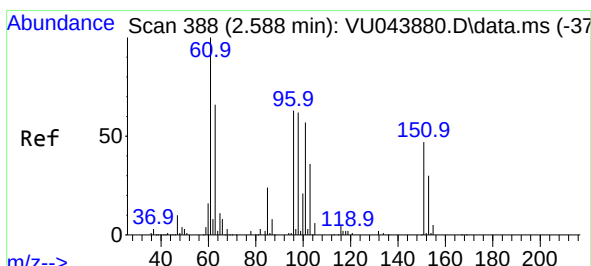
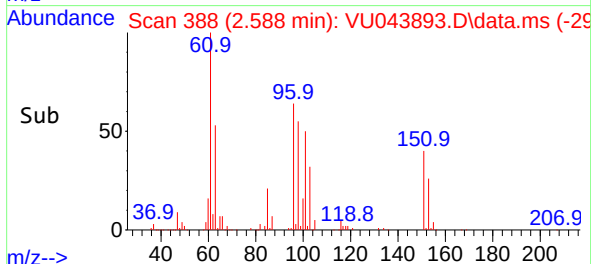
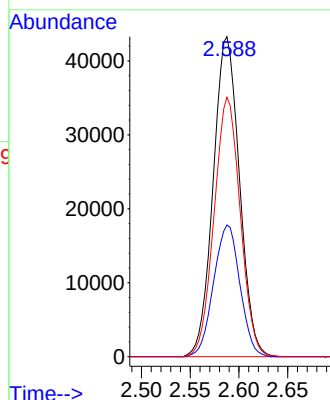
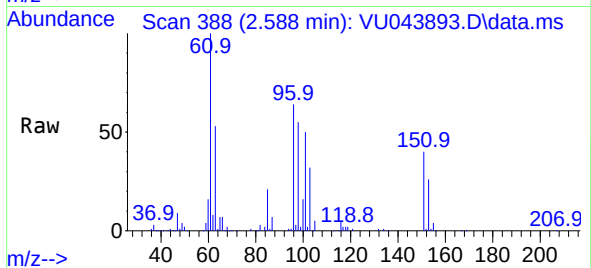




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.50 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

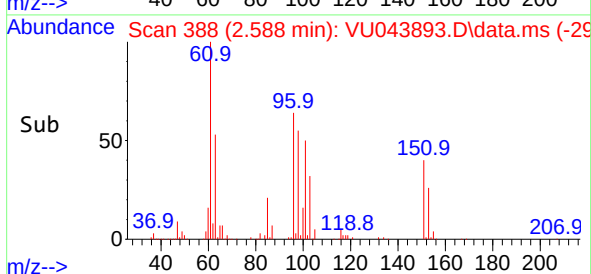
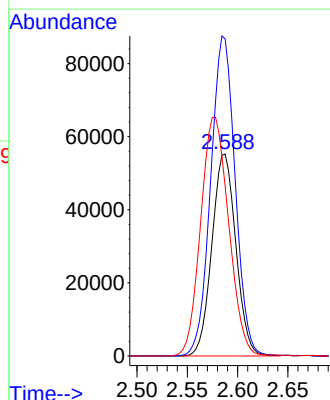
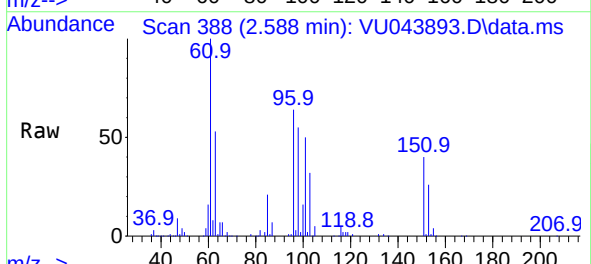
Instrument :
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ClientSampled :
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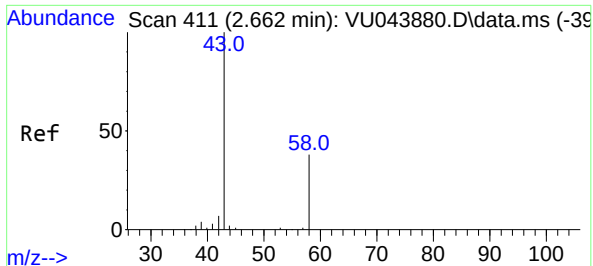
Tgt Ion:101 Resp: 81197
Ion Ratio Lower Upper
101 100
85 41.2 34.3 51.5
151 80.7 62.7 94.1



#12
1,1-Dichloroethene
Concen: 6.30 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion: 96 Resp: 91502
Ion Ratio Lower Upper
96 100
61 157.0 117.5 218.1
63 84.0 77.3 143.7

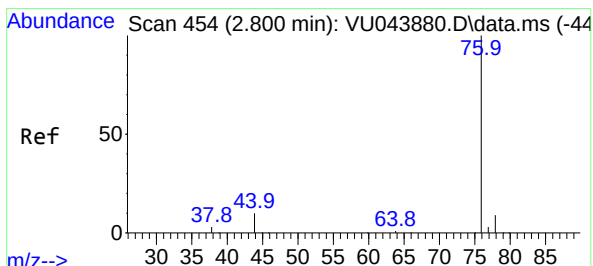
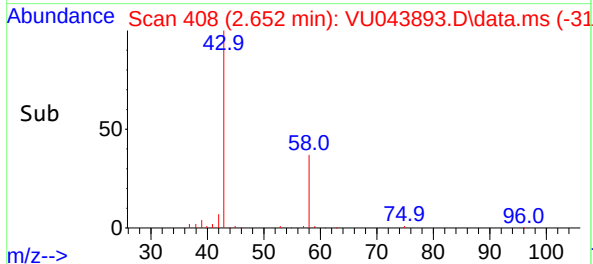
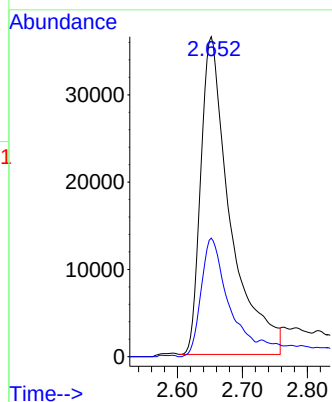
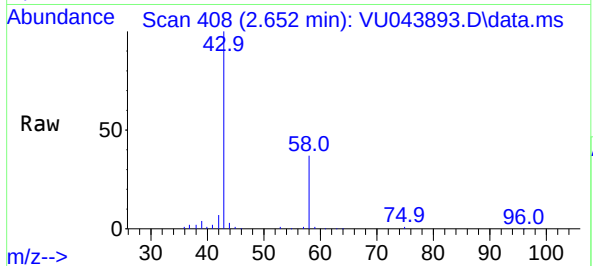




#13
Acetone
Concen: 58.41 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.010 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

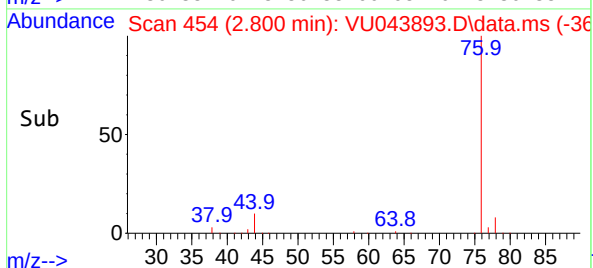
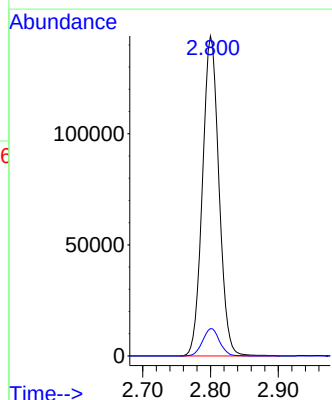
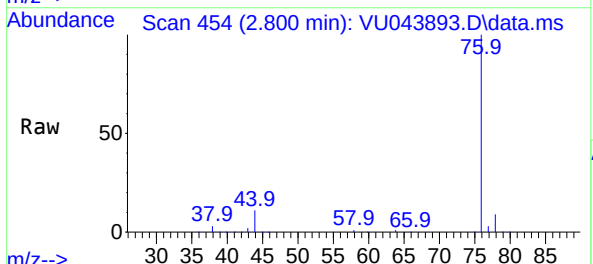
Instrument :
MSVOA_U
ClientSampled :
GB408MSD

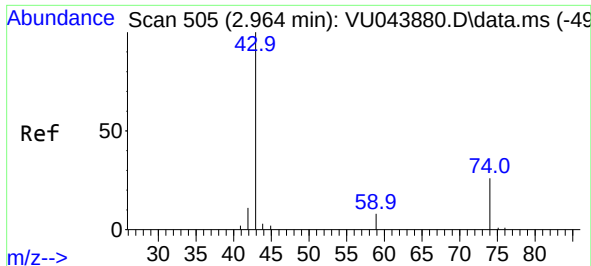
Tgt Ion: 43 Resp: 114423
Ion Ratio Lower Upper
43 100
58 34.6 0.0 71.6



#14
Carbon disulfide
Concen: 5.00 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion: 76 Resp: 243077
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

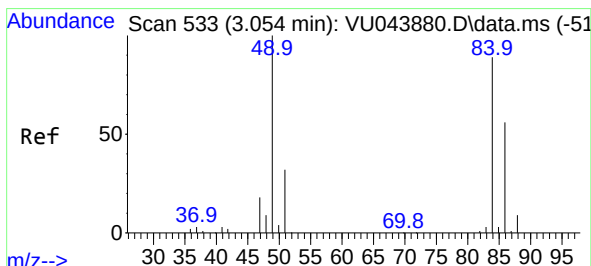
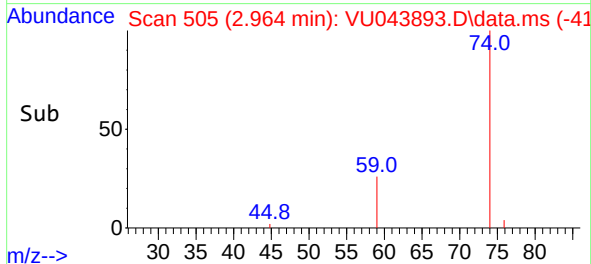
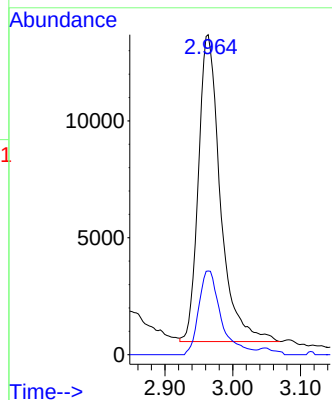
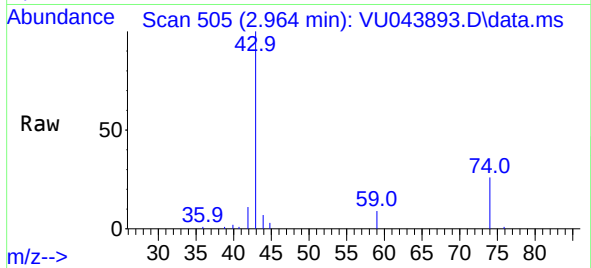




#15
Methyl Acetate
Concen: 5.07 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

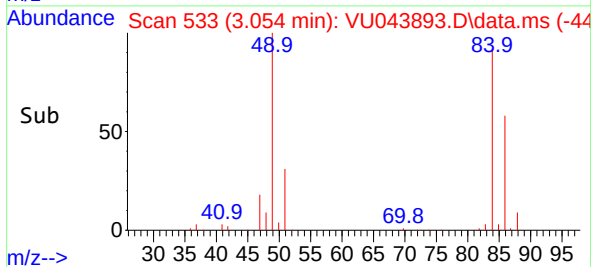
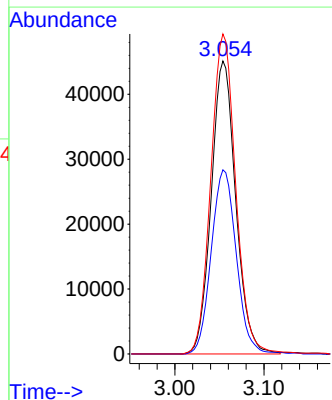
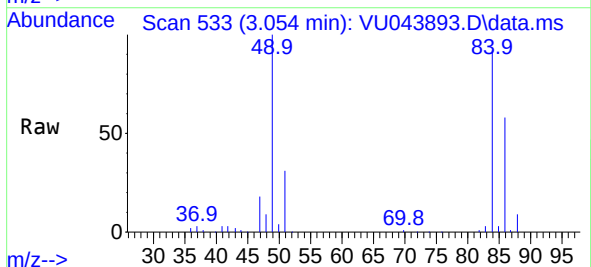
Instrument :
MSVOA_U
ClientSampled :
GB408MSD

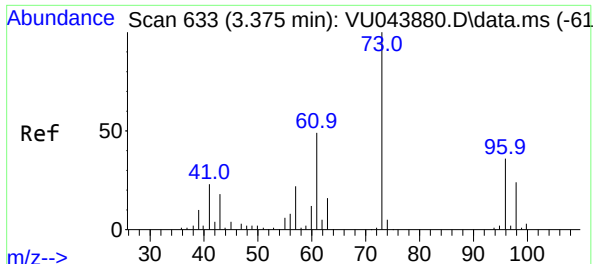
Tgt Ion: 43 Resp: 29572
Ion Ratio Lower Upper
43 100
74 27.9 19.3 28.9



#16
Methylene chloride
Concen: 4.00 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion: 84 Resp: 86183
Ion Ratio Lower Upper
84 100
86 62.9 44.7 82.9
49 109.2 83.1 154.3



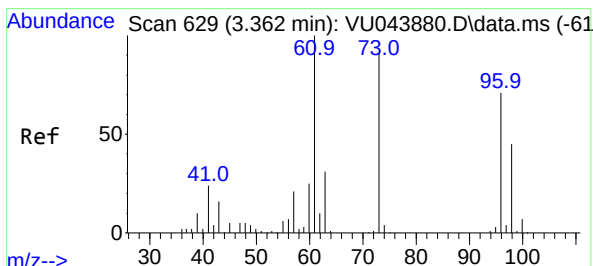
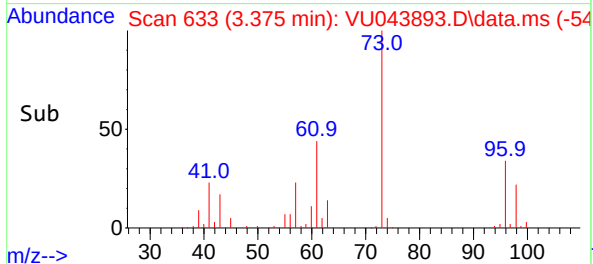
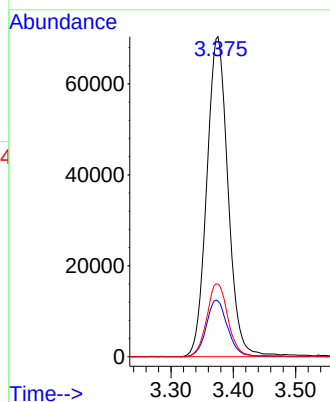
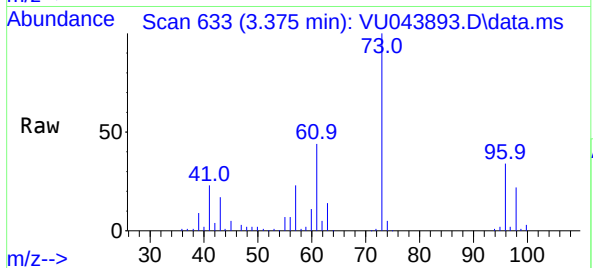


#17
Methyl tert-butyl Ether
Concen: 5.06 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Instrument :
MSVOA_U
ClientSampleId :
GB408MSD

Tgt Ion: 73 Resp: 166472

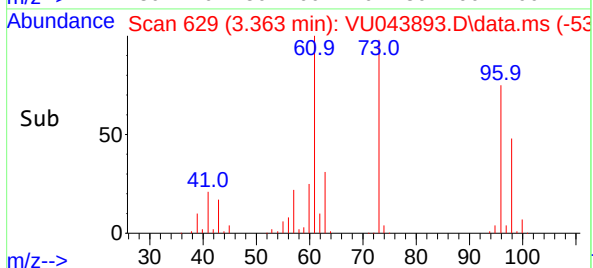
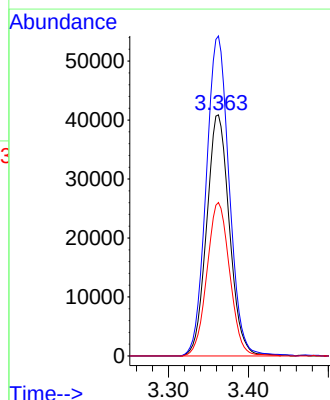
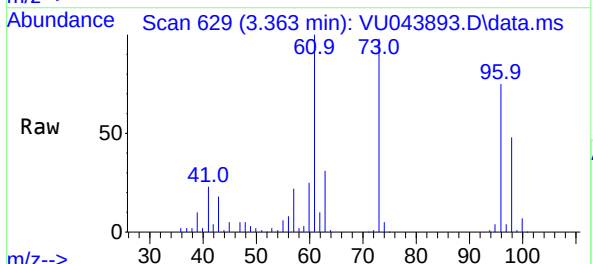
Ion	Ratio	Lower	Upper
73	100		
43	17.7	15.0	22.4
57	22.6	18.6	27.8

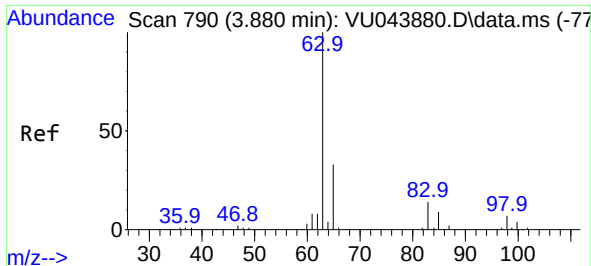


#18
trans-1,2-Dichloroethene
Concen: 5.32 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion: 96 Resp: 81110

Ion	Ratio	Lower	Upper
96	100		
61	132.7	99.6	185.0
98	63.6	43.8	81.4



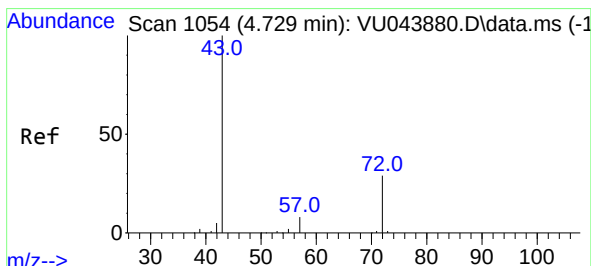
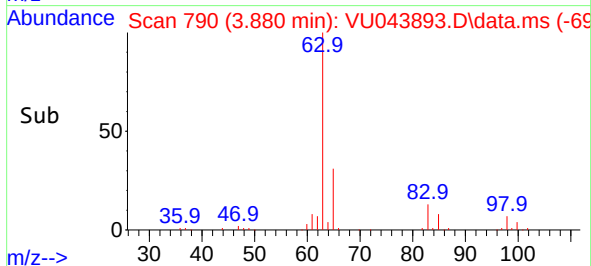
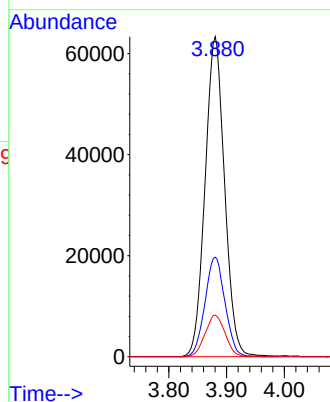
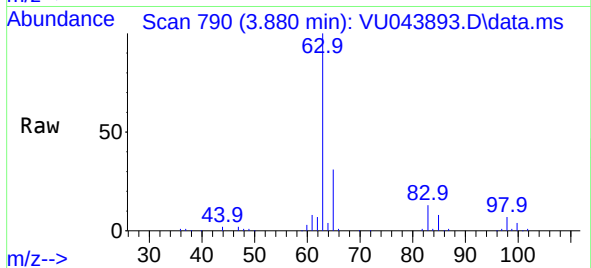


#19
1,1-Dichloroethane
Concen: 5.40 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Instrument :
MSVOA_U
ClientSampleId :
GB408MSD

Tgt Ion: 63 Resp: 148816

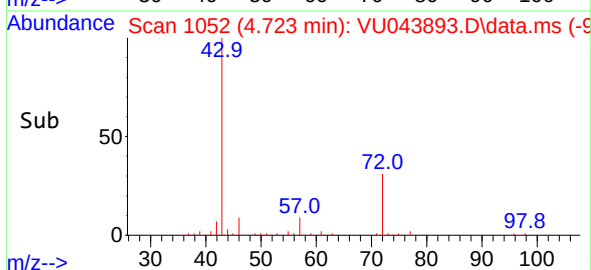
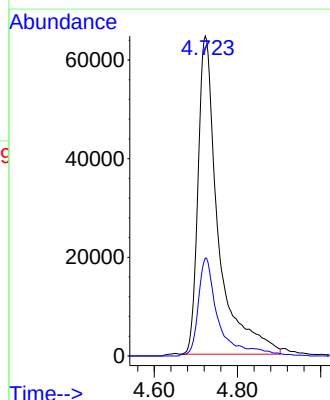
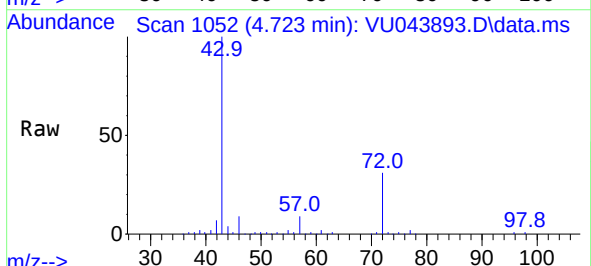
Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.3	41.3
83	13.0	9.0	16.8

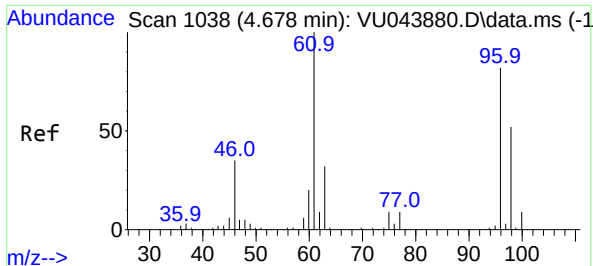


#21
2-Butanone
Concen: 58.08 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion: 43 Resp: 217546

Ion	Ratio	Lower	Upper
43	100		
72	28.6	14.5	43.6

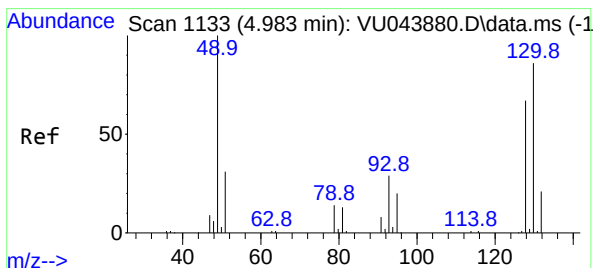
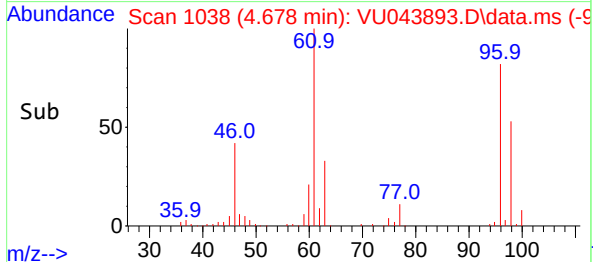
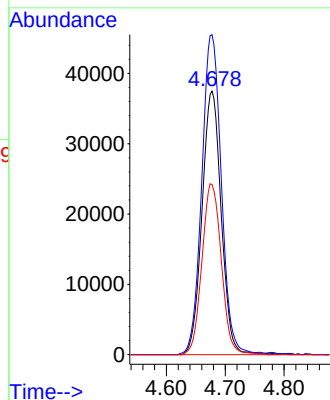
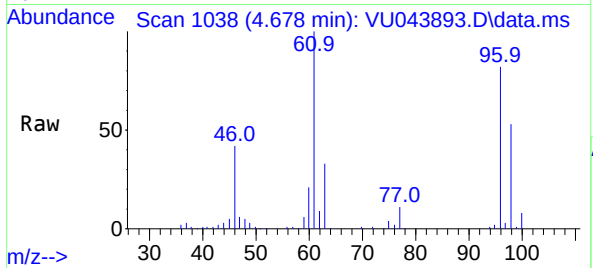




cis-1,2-Dichloroethene
Concen: 5.30 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

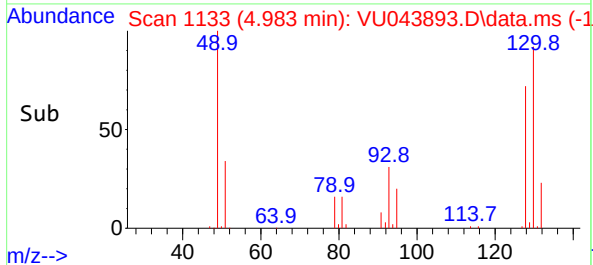
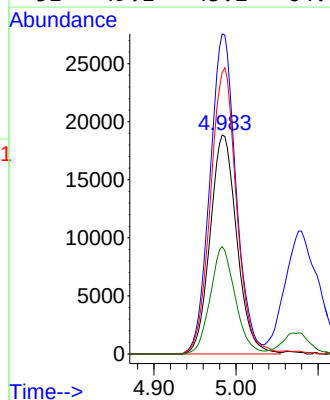
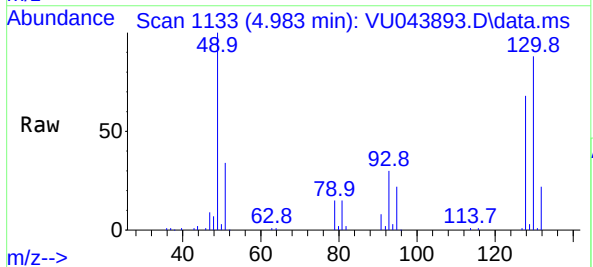
Instrument :
MSVOA_U
ClientSampleId :
GB408MSD

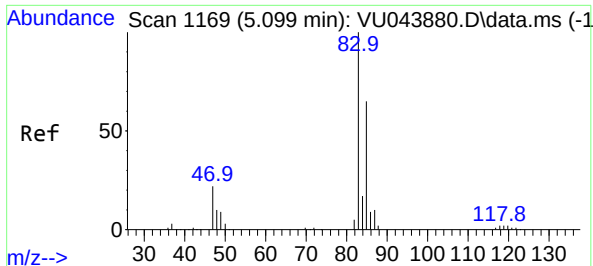
Tgt Ion: 96 Resp: 85039
Ion Ratio Lower Upper
96 100
61 121.5 89.0 165.4
98 64.6 44.9 83.3



Bromochloromethane
Concen: 5.64 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion:128 Resp: 42587
Ion Ratio Lower Upper
128 100
49 146.2 114.7 212.9
130 128.6 91.7 170.3
51 49.1 43.2 64.8



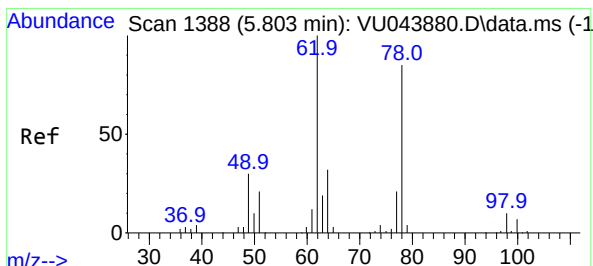
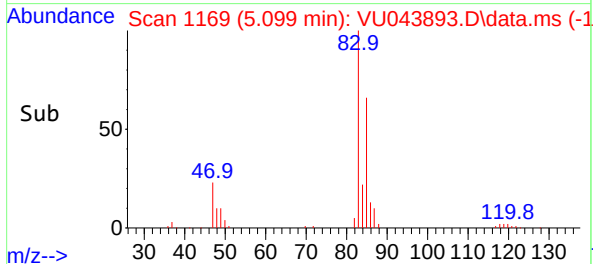
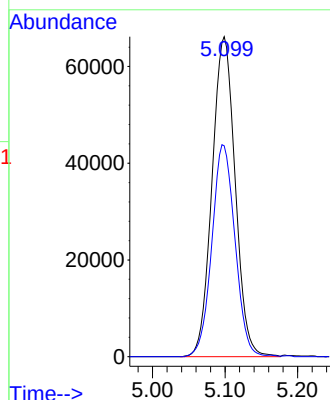
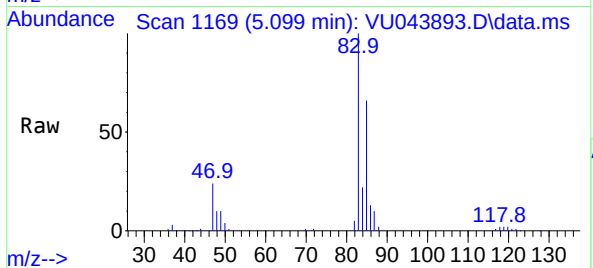


#25

Chloroform
Concen: 5.37 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Instrument :
MSVOA_U
ClientSampleId :
GB408MSD

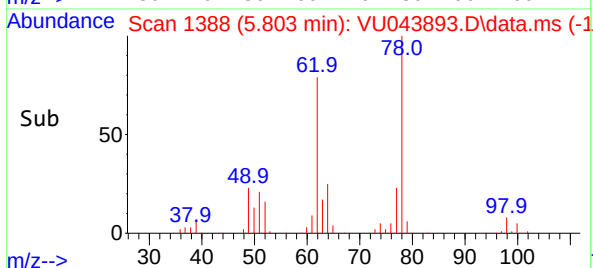
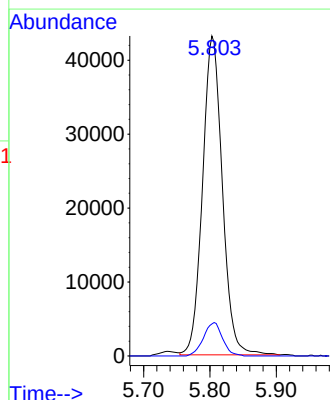
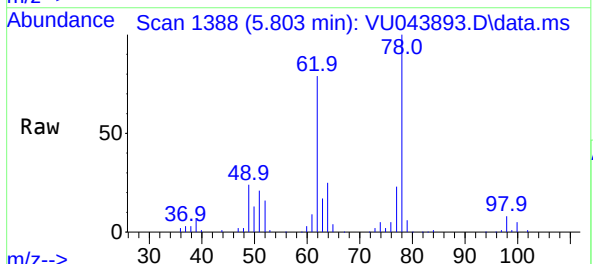
Tgt Ion: 83 Resp: 146648
Ion Ratio Lower Upper
83 100
85 65.9 45.0 83.6

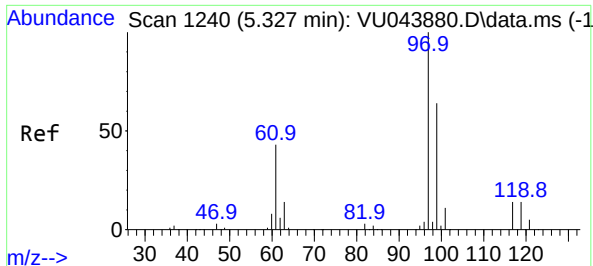


#27

1,2-Dichloroethane
Concen: 5.30 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion: 62 Resp: 89213
Ion Ratio Lower Upper
62 100
98 10.0 7.7 11.5



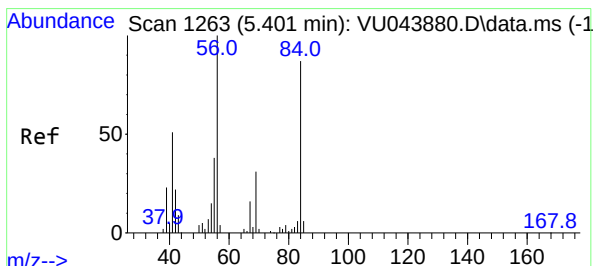
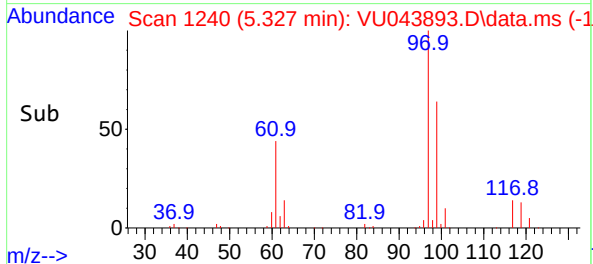
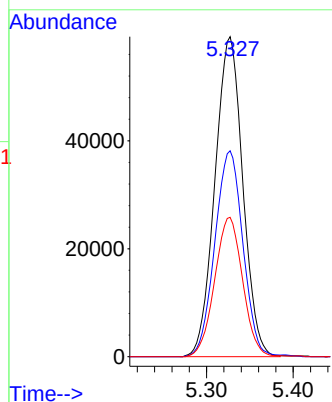
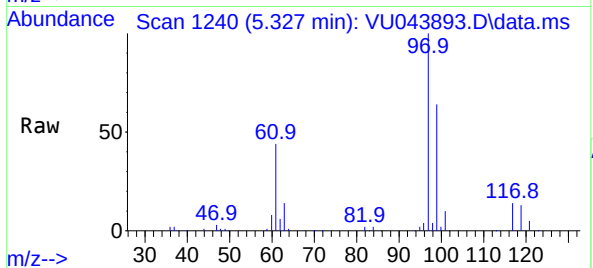


#29
1,1,1-Trichloroethane
Concen: 5.82 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Instrument :
MSVOA_U
ClientSampled :
GB408MSD

Tgt Ion: 97 Resp: 132513

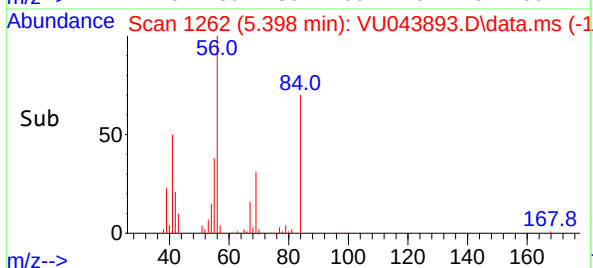
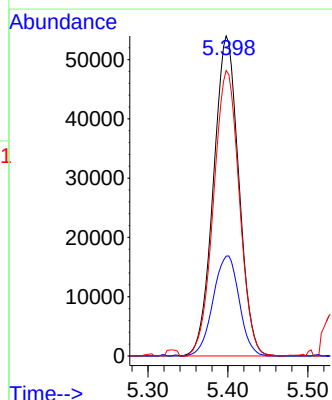
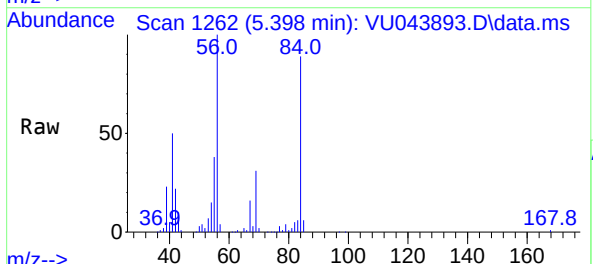
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.1	76.7
61	43.7	37.0	55.4

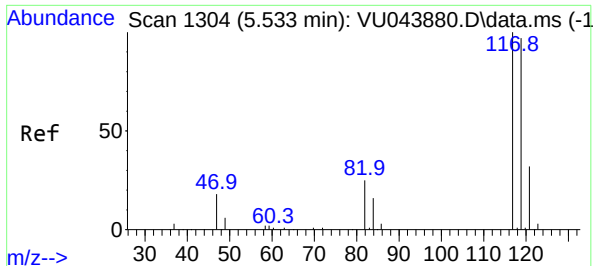


#30
Cyclohexane
Concen: 4.69 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion: 56 Resp: 118512

Ion	Ratio	Lower	Upper
56	100		
69	32.3	24.8	37.2
84	90.6	66.8	100.2

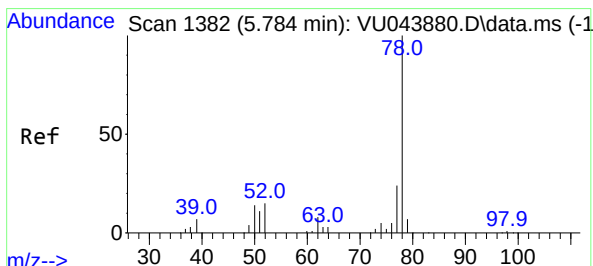
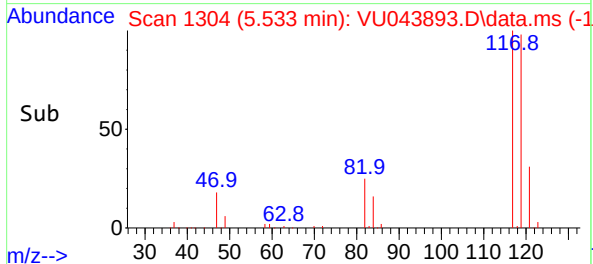
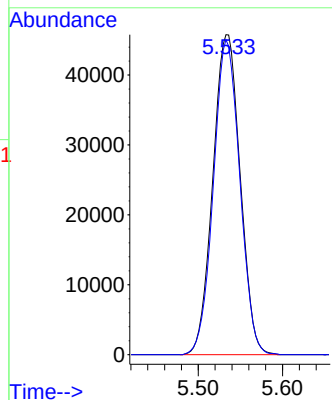
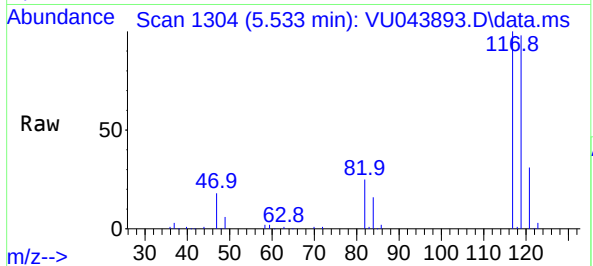




#31
Carbon tetrachloride
Concen: 5.40 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

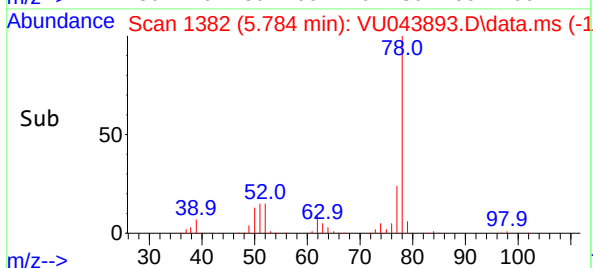
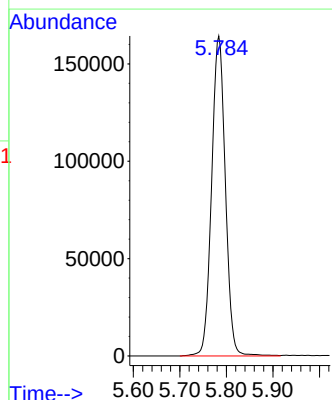
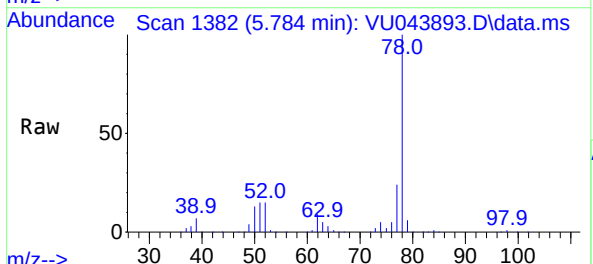
Instrument :
MSVOA_U
ClientSampleId :
GB408MSD

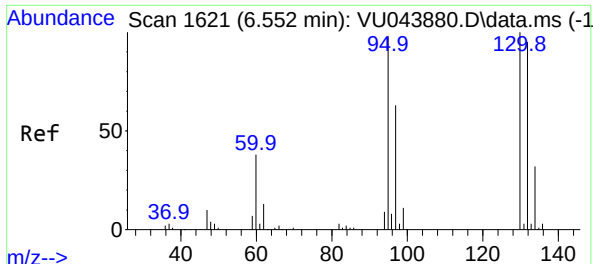
Tgt Ion:117 Resp: 102824
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.0



#33
Benzene
Concen: 5.34 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion: 78 Resp: 337324



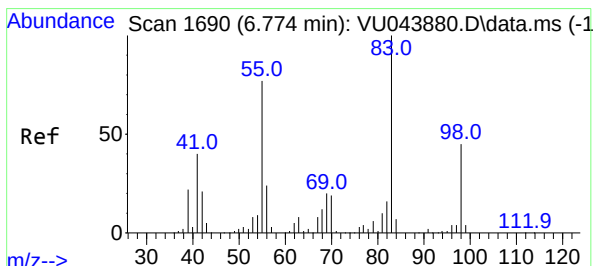
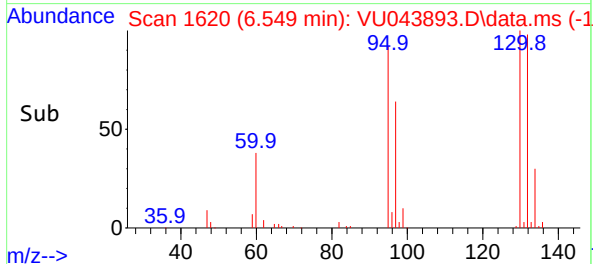
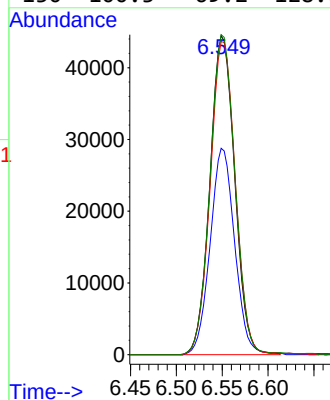
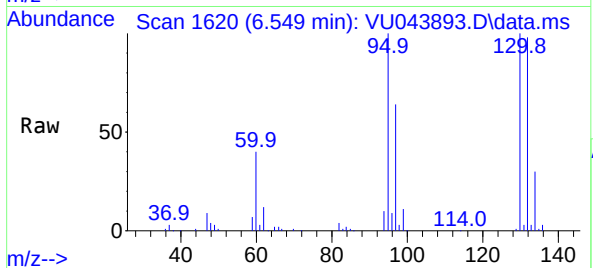


#34
Trichloroethene
Concen: 5.15 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Instrument :
MSVOA_U
ClientSampleId :
GB408MSD

Tgt Ion: 95 Resp: 83568

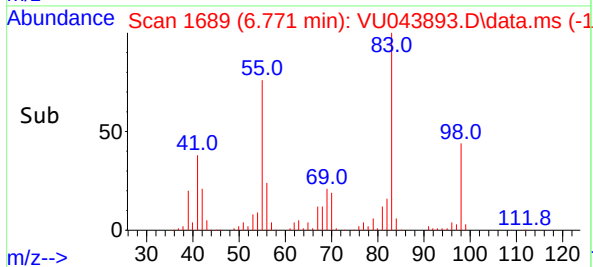
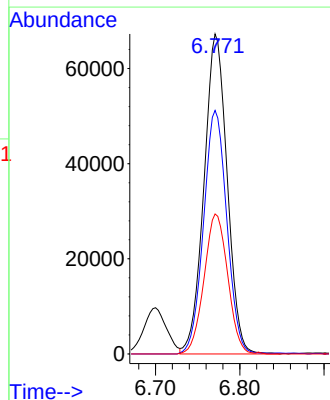
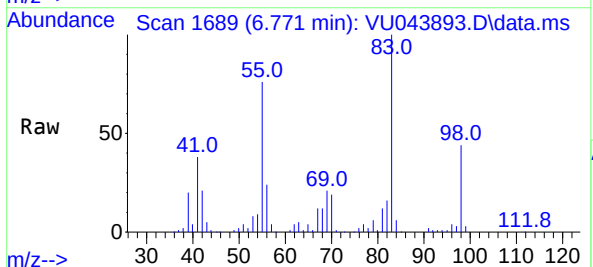
Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.3	82.3
132	98.1	66.0	122.6
130	100.3	69.2	128.6

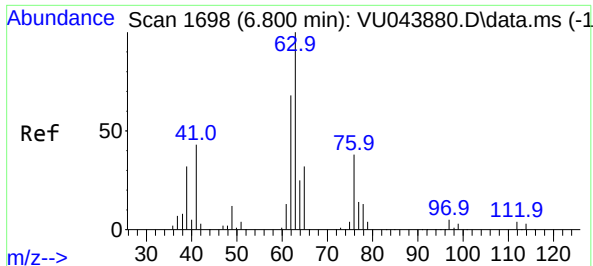


#35
Methylcyclohexane
Concen: 5.11 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion: 83 Resp: 128795

Ion	Ratio	Lower	Upper
83	100		
55	76.5	64.8	97.2
98	44.6	35.9	53.9

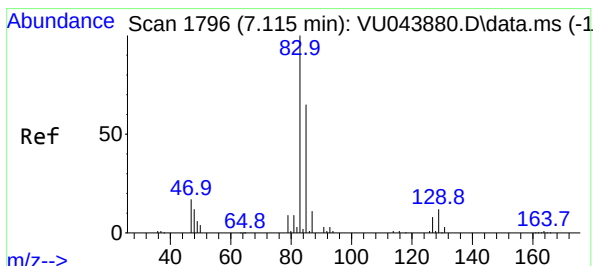
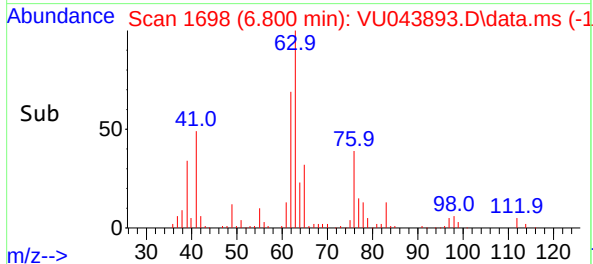
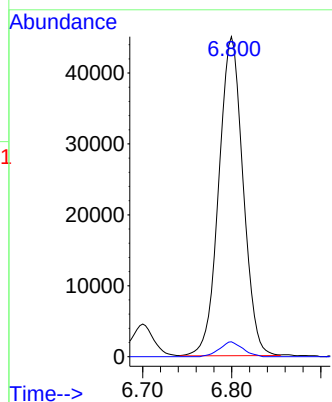
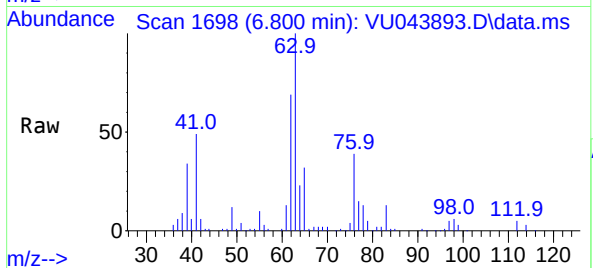




#37
1,2-Dichloropropane
Concen: 5.16 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

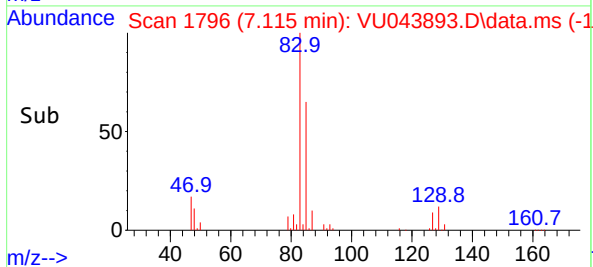
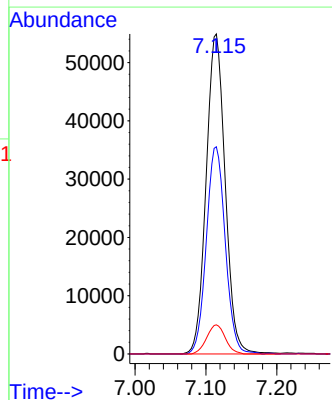
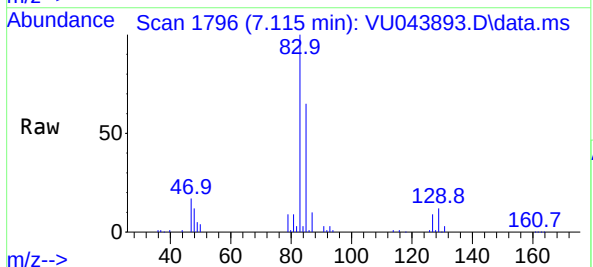
Instrument :
MSVOA_U
ClientSampled :
GB408MSD

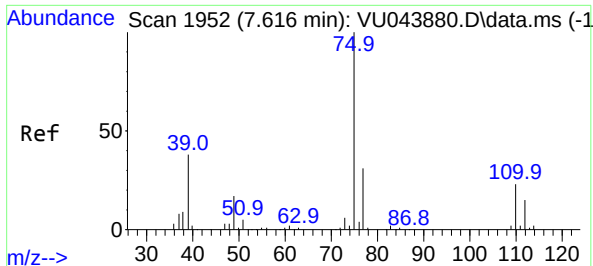
Tgt Ion: 63 Resp: 85282
Ion Ratio Lower Upper
63 100
112 4.5 3.3 4.9



#38
Bromodichloromethane
Concen: 5.32 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion: 83 Resp: 102484
Ion Ratio Lower Upper
83 100
85 64.7 44.6 82.8
127 9.1 7.0 10.4

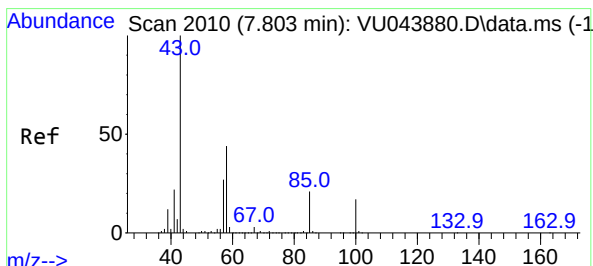
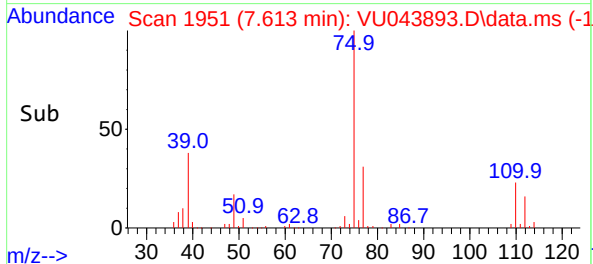
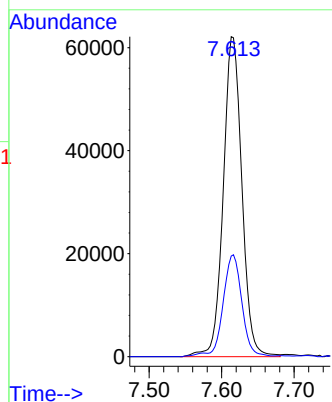
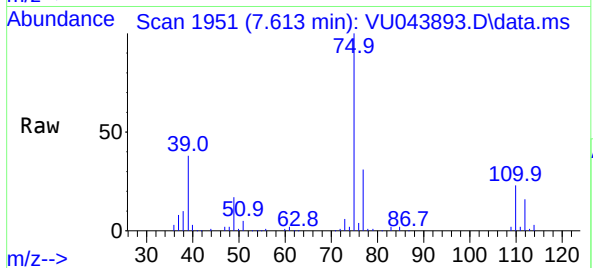




#39
cis-1,3-Dichloropropene
Concen: 5.05 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

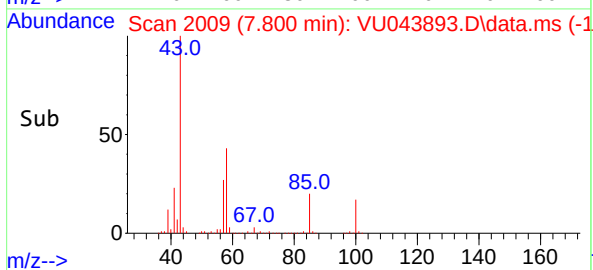
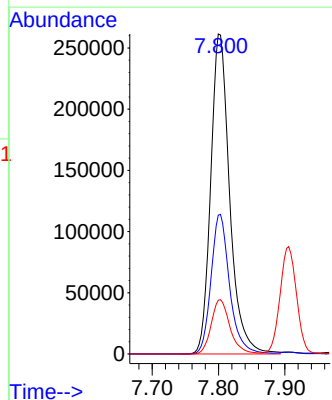
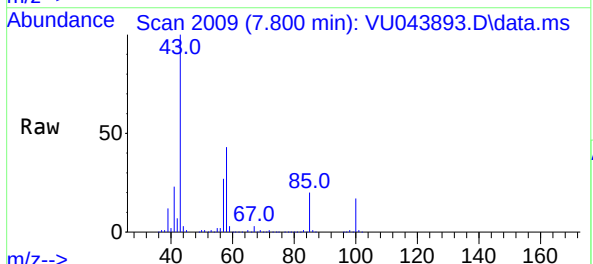
Instrument :
MSVOA_U
ClientSampled :
GB408MSD

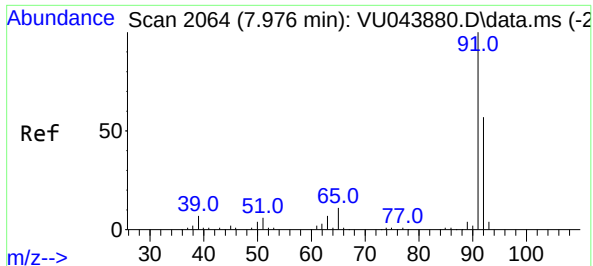
Tgt Ion: 75 Resp: 111001
Ion Ratio Lower Upper
75 100
77 31.5 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 49.22 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion: 43 Resp: 518804
Ion Ratio Lower Upper
43 100
58 42.8 32.8 49.2
100 16.8 11.9 17.9





#42

Toluene

Concen: 5.42 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU043893.D

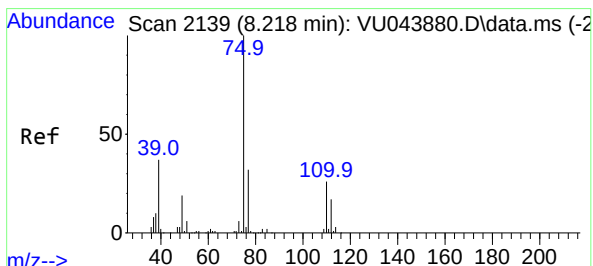
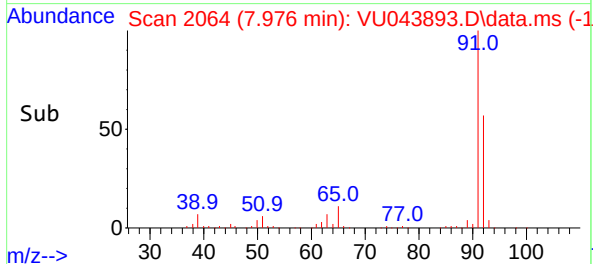
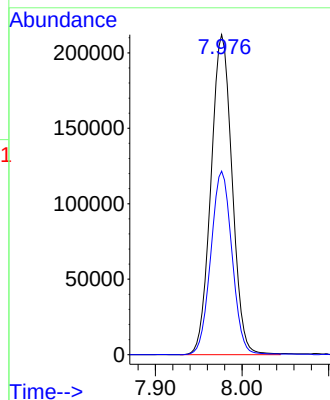
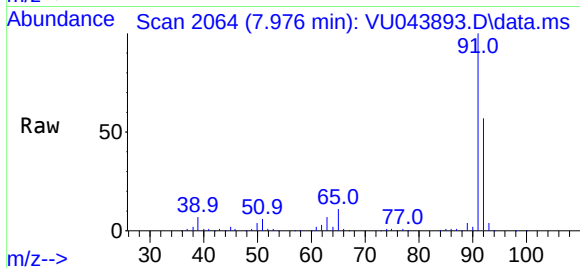
Acq: 21 May 2021 16:46

Tgt Ion: 91 Resp: 359845

Ion Ratio Lower Upper

91 100

92 57.3 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.13 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU043893.D

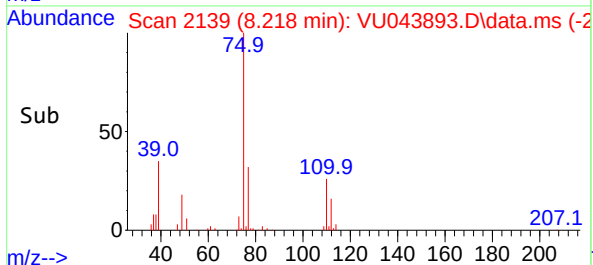
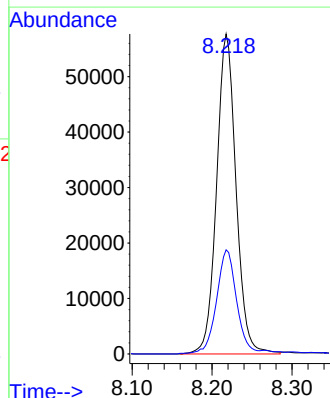
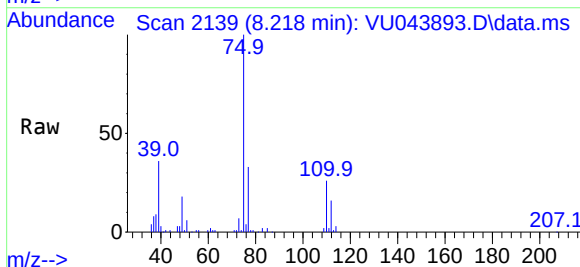
Acq: 21 May 2021 16:46

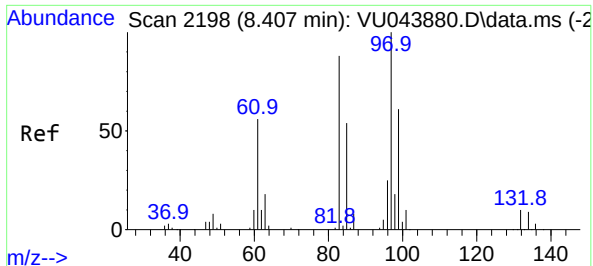
Tgt Ion: 75 Resp: 97251

Ion Ratio Lower Upper

75 100

77 32.5 21.5 39.9



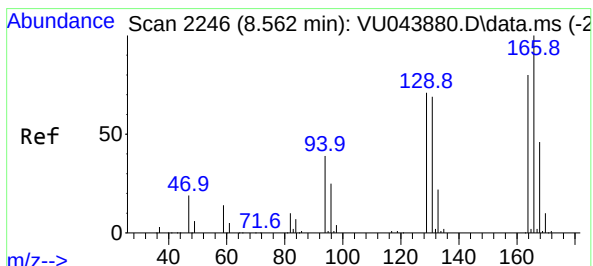
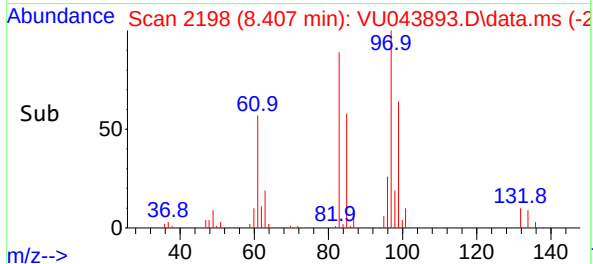
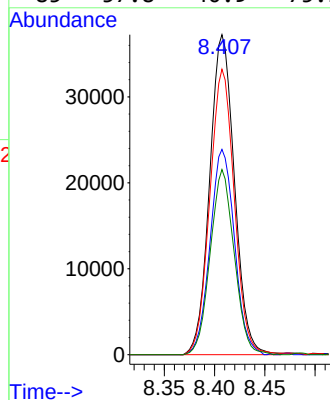
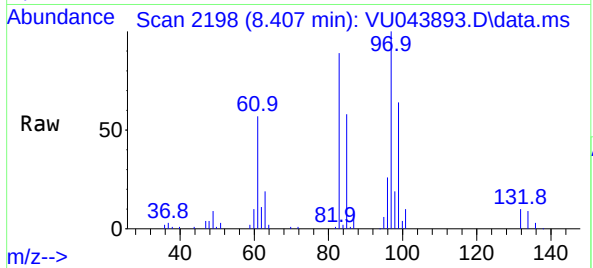


#45
1,1,2-Trichloroethane
Concen: 5.37 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Instrument :
MSVOA_U
ClientSampled :
GB408MSD

Tgt Ion: 97 Resp: 63816

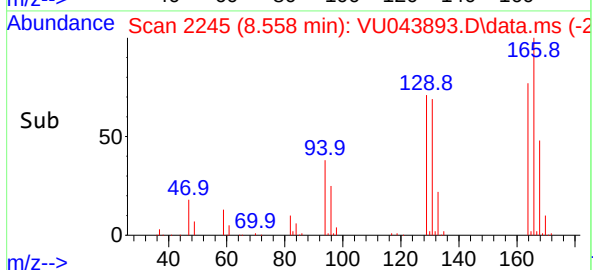
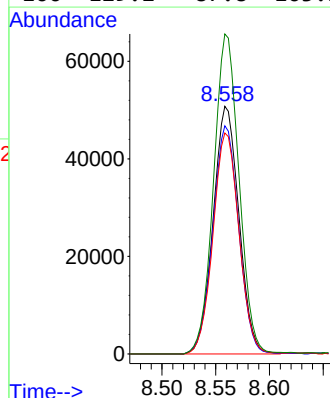
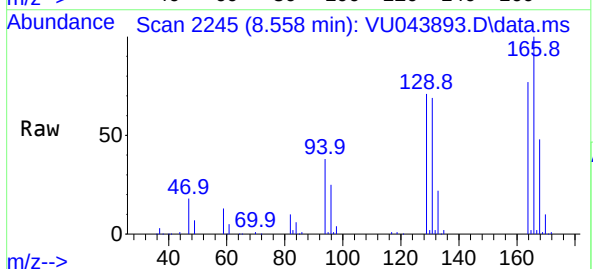
Ion	Ratio	Lower	Upper
97	100		
99	64.1	43.8	81.4
83	89.2	62.5	116.1
85	57.8	40.9	75.9

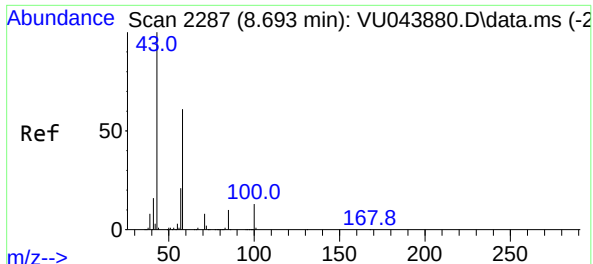


#47
Tetrachloroethene
Concen: 6.47 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion: 164 Resp: 84771

Ion	Ratio	Lower	Upper
164	100		
129	92.1	64.1	119.1
131	89.2	61.2	113.8
166	129.2	87.8	163.2

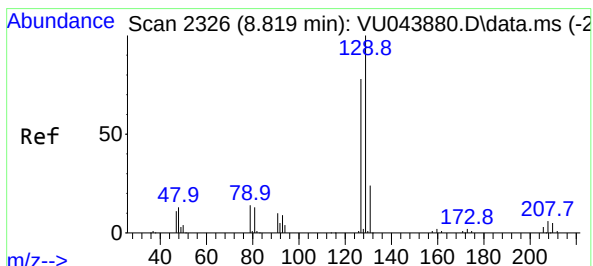
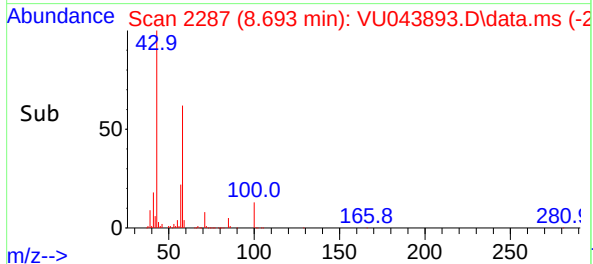
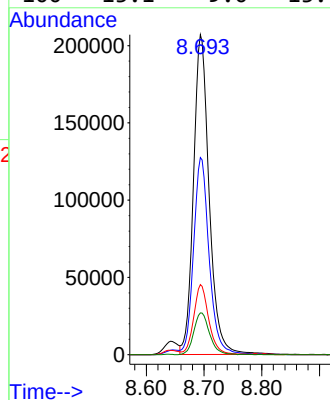
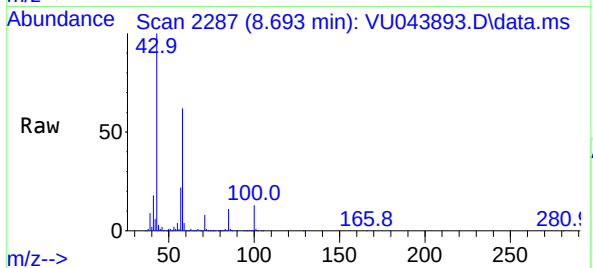




#48
2-Hexanone
Concen: 49.97 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

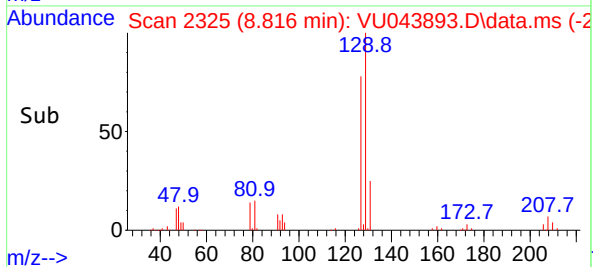
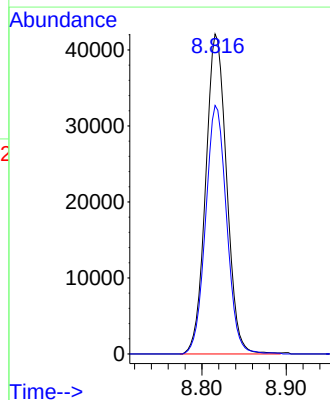
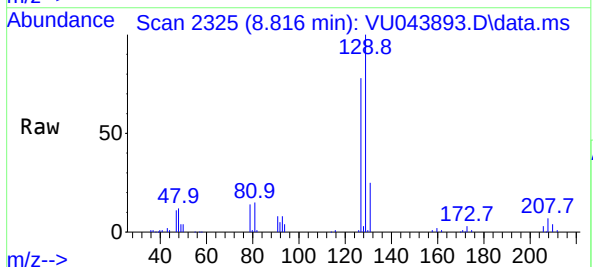
Instrument :
MSVOA_U
ClientSampleId :
GB408MSD

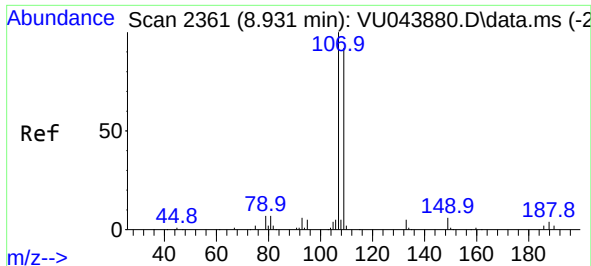
Tgt Ion: 43 Resp: 390781
Ion Ratio Lower Upper
43 100
58 60.7 47.0 70.4
57 20.8 15.8 23.8
100 13.1 9.0 13.4



#49
Dibromochloromethane
Concen: 5.50 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion: 129 Resp: 72845
Ion Ratio Lower Upper
129 100
127 77.7 53.4 99.2

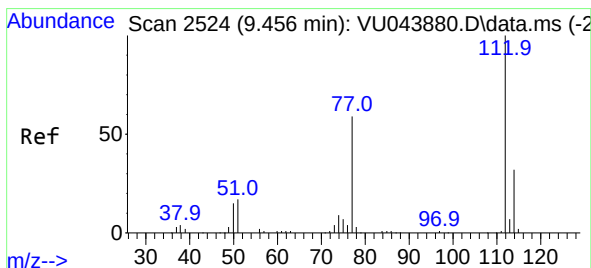
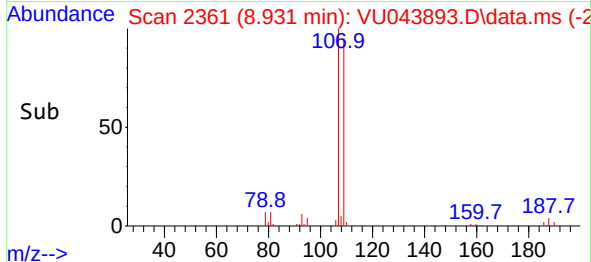
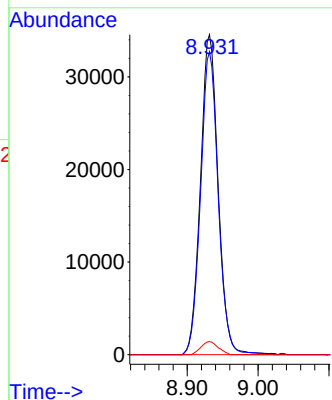
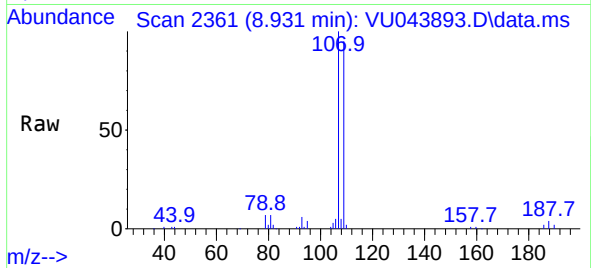




#50
1,2-Dibromoethane
Concen: 5.36 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

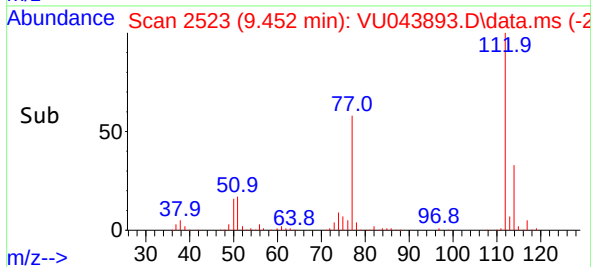
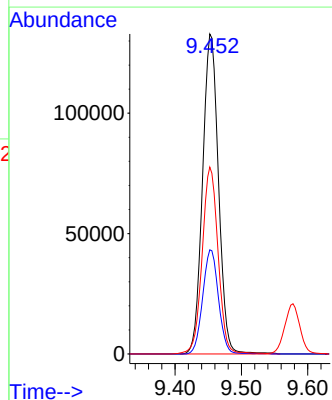
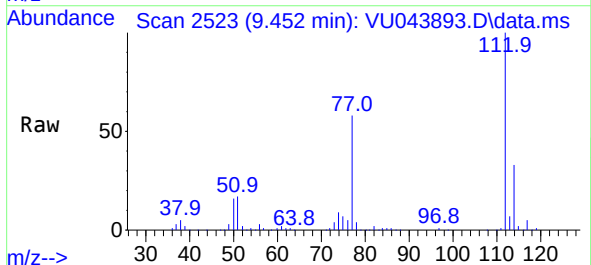
Instrument :
MSVOA_U
ClientSampleId :
GB408MSD

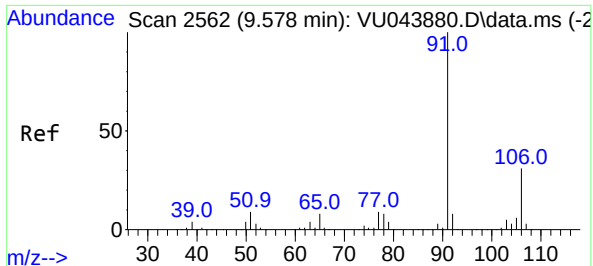
Tgt Ion:107 Resp: 59896
Ion Ratio Lower Upper
107 100
109 94.7 67.7 125.7
188 4.1 3.3 4.9



#51
Chlorobenzene
Concen: 5.35 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion:112 Resp: 221914
Ion Ratio Lower Upper
112 100
114 32.5 22.3 41.5
77 58.4 47.8 71.8

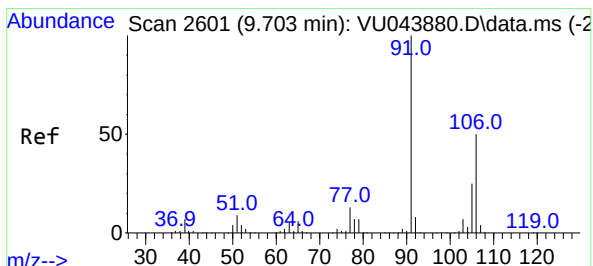
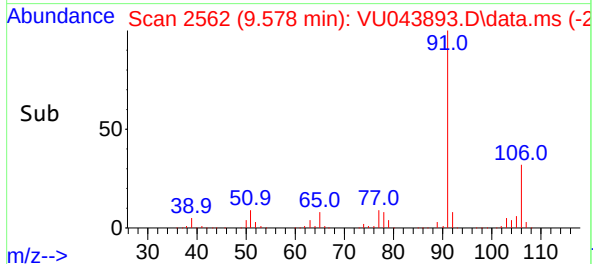
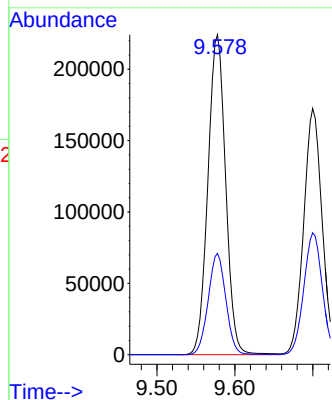
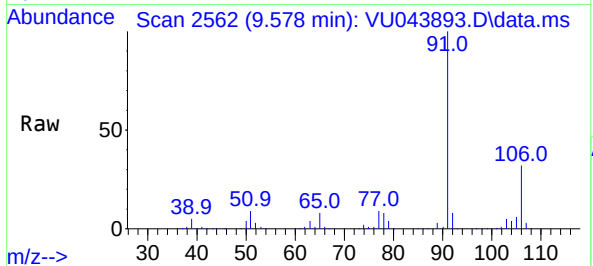




#52
Ethylbenzene
Concen: 5.23 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

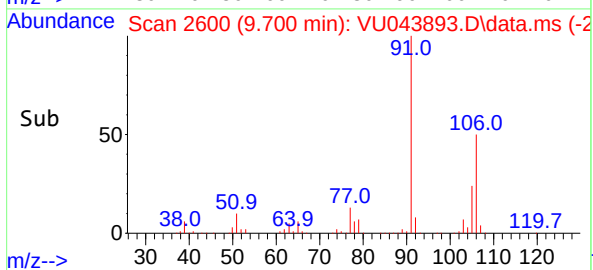
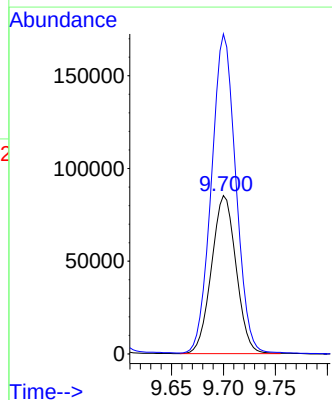
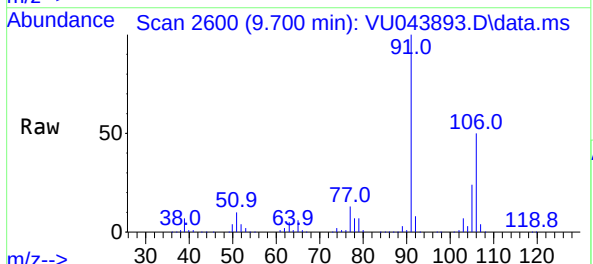
Instrument :
MSVOA_U
ClientSampled :
GB408MSD

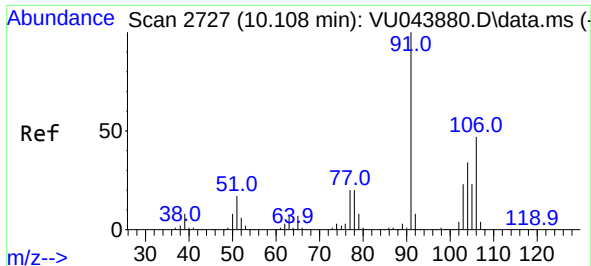
Tgt Ion: 91 Resp: 355158
Ion Ratio Lower Upper
91 100
106 31.6 21.7 40.3



#53
m,p-Xylene
Concen: 5.43 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion: 106 Resp: 140216
Ion Ratio Lower Upper
106 100
91 201.9 144.4 268.2

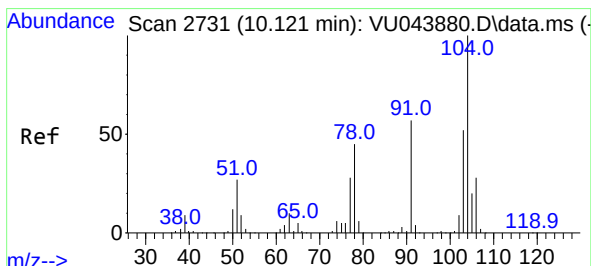
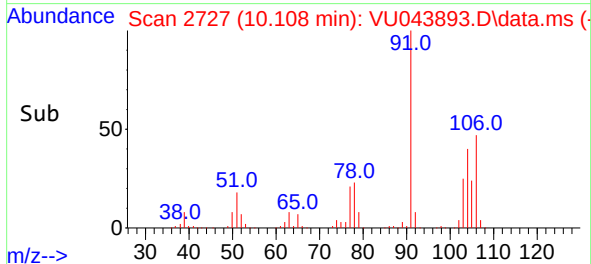
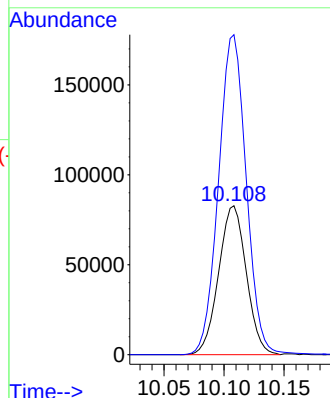
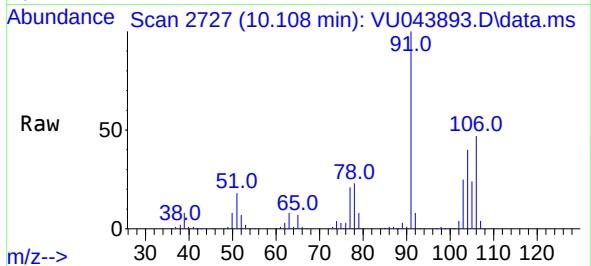




#54
o-Xylene
Concen: 5.39 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

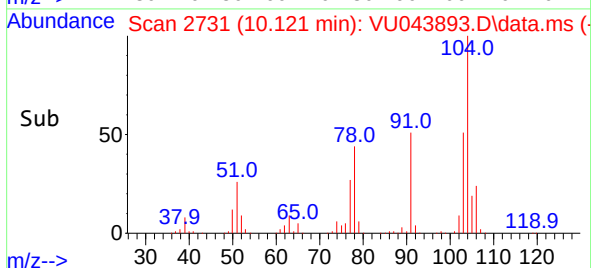
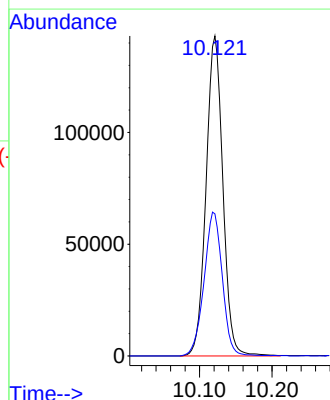
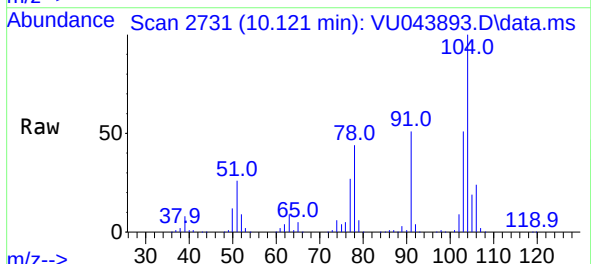
Instrument :
MSVOA_U
ClientSampled :
GB408MSD

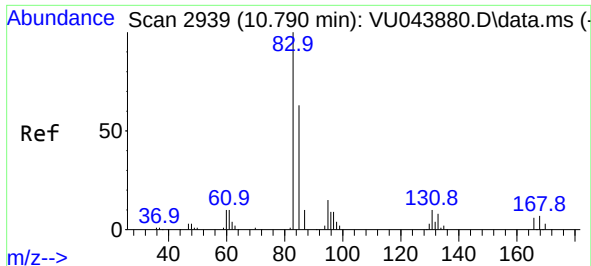
Tgt Ion:106 Resp: 132932
Ion Ratio Lower Upper
106 100
91 214.7 150.8 280.0



#55
Styrene
Concen: 5.54 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion:104 Resp: 230616
Ion Ratio Lower Upper
104 100
78 44.4 31.8 59.0

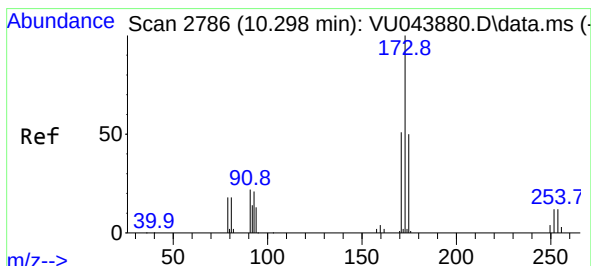
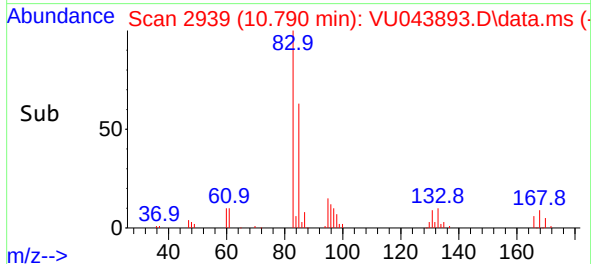
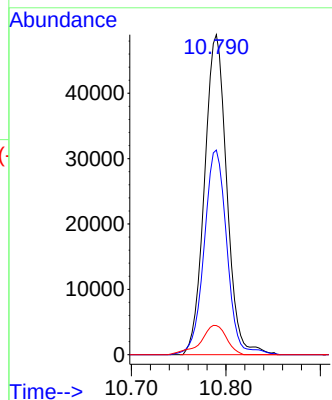
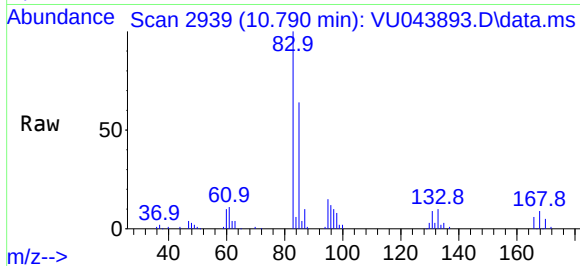




#57
1,1,2,2-Tetrachloroethane
Concen: 5.31 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

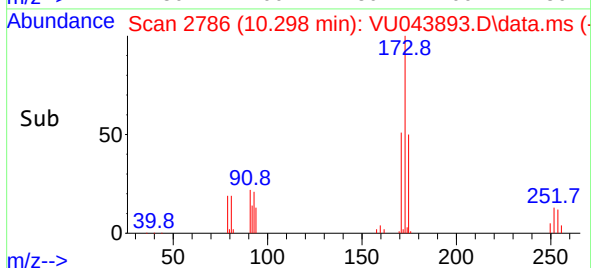
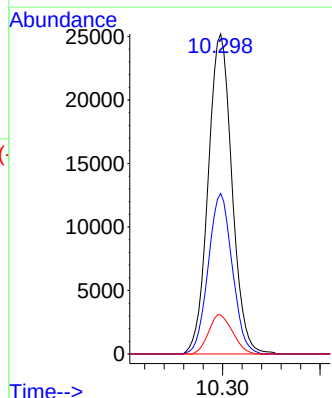
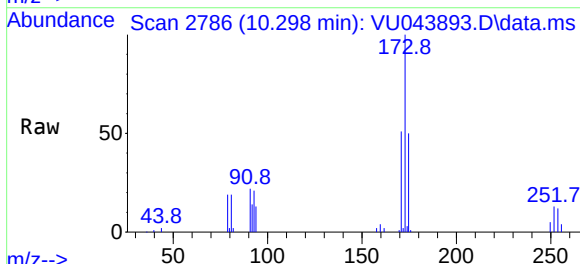
Instrument :
MSVOA_U
ClientSampleId :
GB408MSD

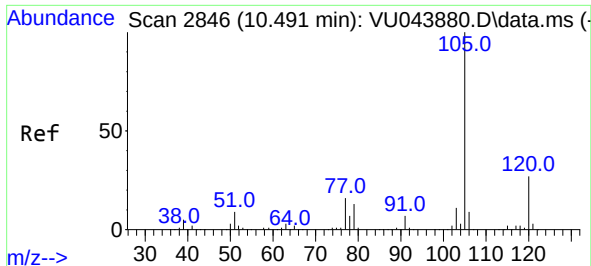
Tgt Ion:	83	Resp:	80112
Ion	Ratio	Lower	Upper
83	100		
85	63.9	45.1	83.7
131	9.1	7.6	11.4



#59
Bromoform
Concen: 5.16 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion:	173	Resp:	42780
Ion	Ratio	Lower	Upper
173	100		
175	50.4	38.8	58.2
254	12.3	9.4	14.2

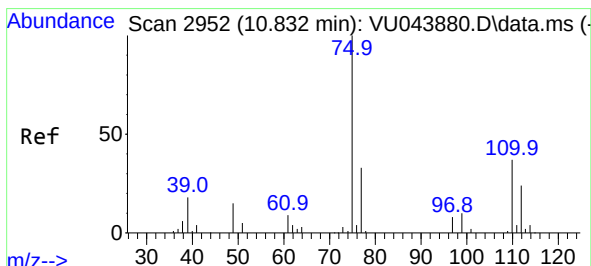
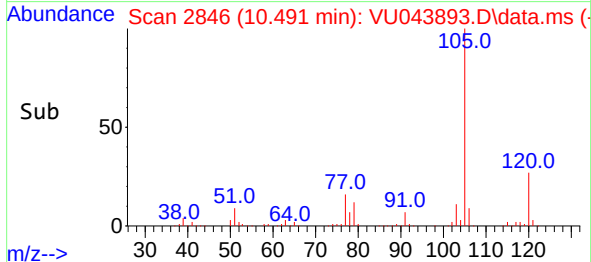
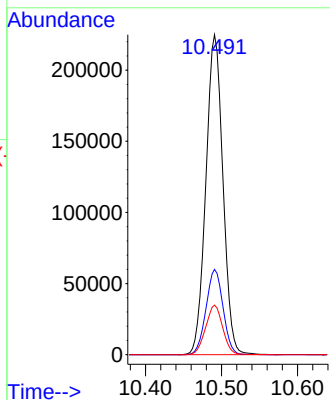
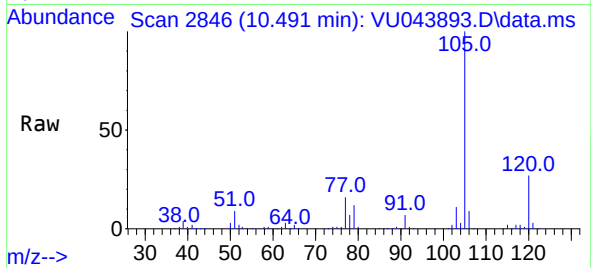




#60
Isopropylbenzene
Concen: 5.18 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

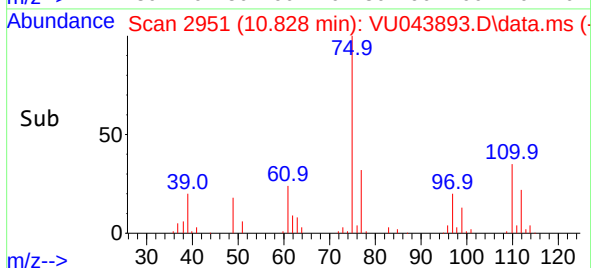
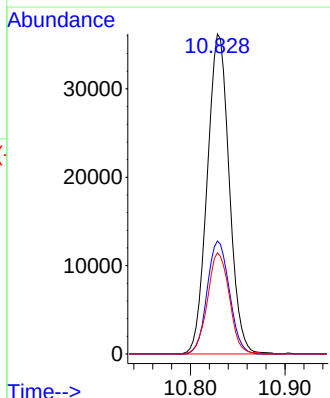
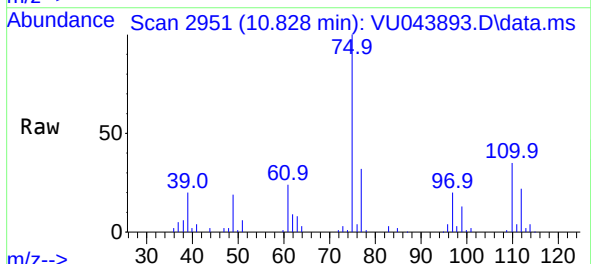
Instrument :
MSVOA_U
ClientSampled :
GB408MSD

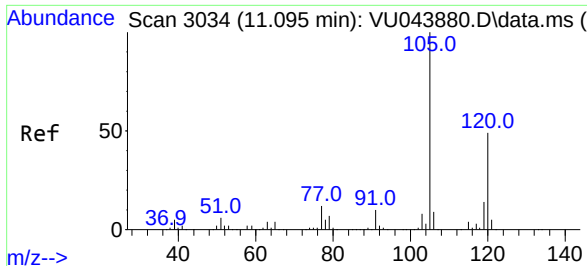
Tgt Ion:105 Resp: 349982
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.98 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion: 75 Resp: 58491
Ion Ratio Lower Upper
75 100
110 35.6 27.9 41.9
77 31.5 25.9 38.9

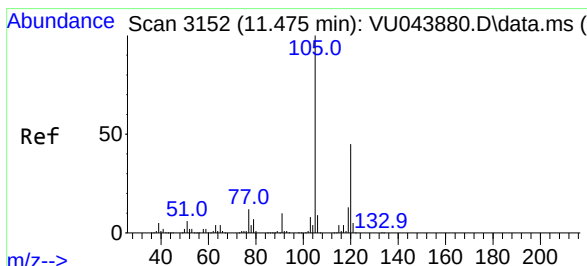
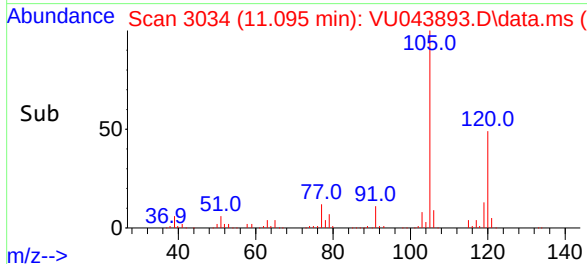
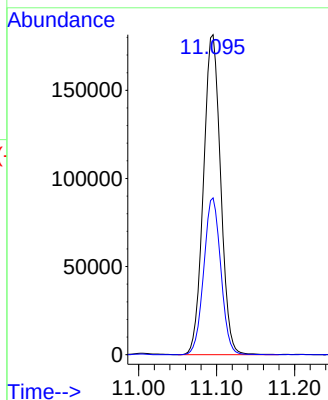
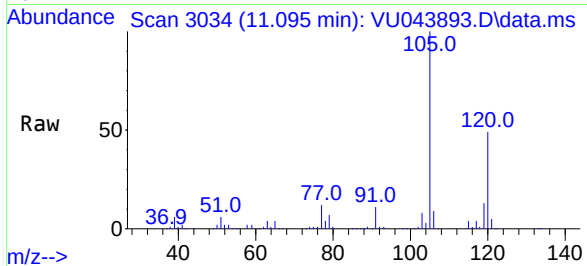




#62
1,3,5-Trimethylbenzene
Concen: 5.11 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

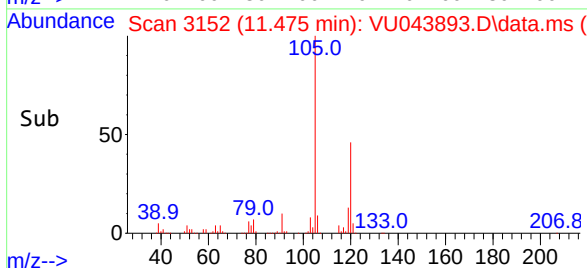
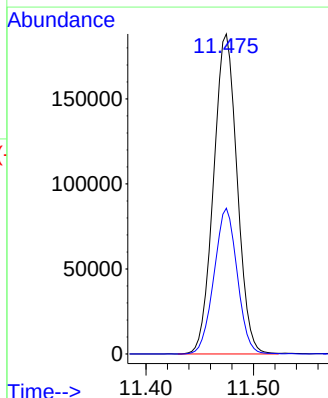
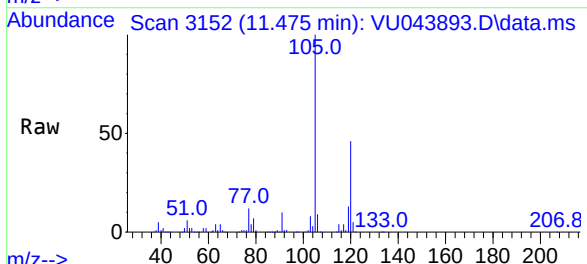
Instrument :
MSVOA_U
ClientSampleId :
GB408MSD

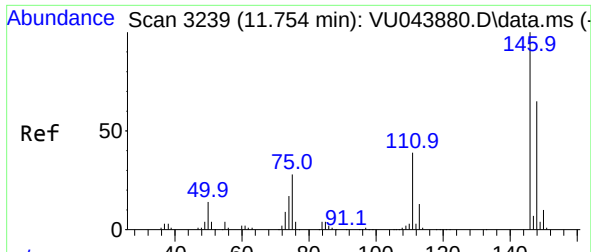
Tgt Ion:105 Resp: 277784
Ion Ratio Lower Upper
105 100
120 48.6 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 5.14 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion:105 Resp: 286483
Ion Ratio Lower Upper
105 100
120 44.9 36.0 54.0

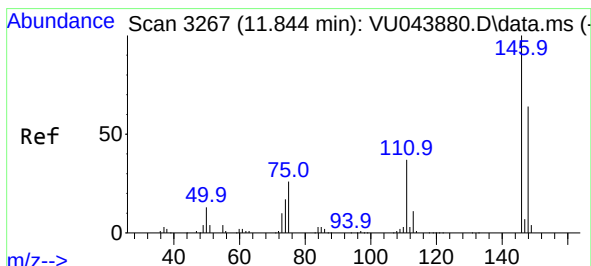
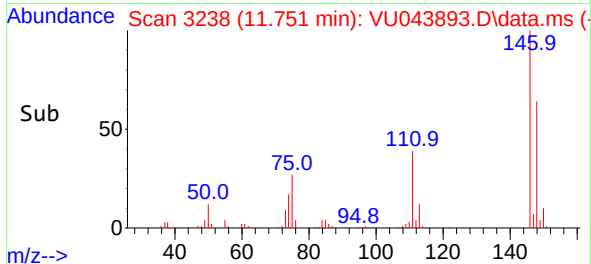
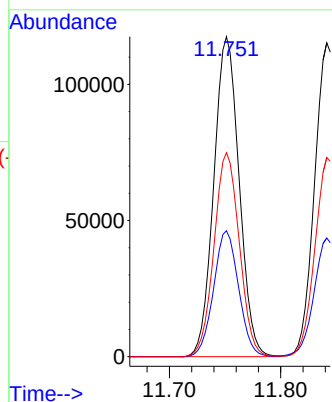
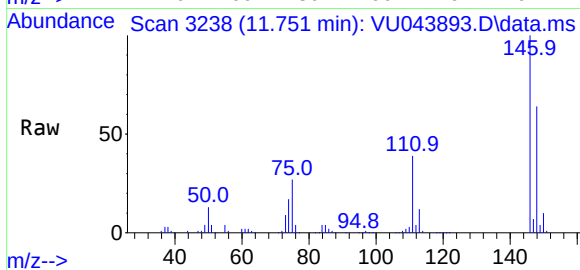




#64
1,3-Dichlorobenzene
Concen: 5.33 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

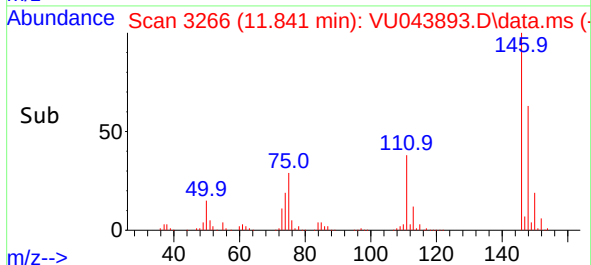
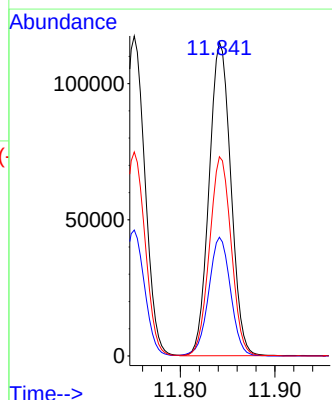
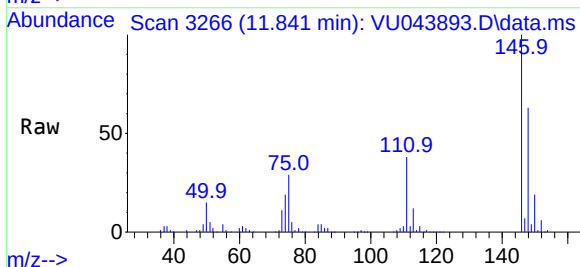
Instrument :
MSVOA_U
ClientSampled :
GB408MSD

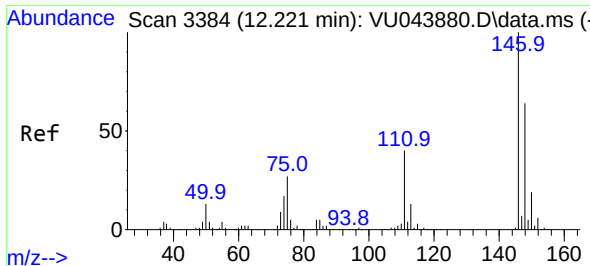
Tgt Ion:146 Resp: 185443
Ion Ratio Lower Upper
146 100
111 39.3 28.1 52.1
148 63.8 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 5.25 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion:146 Resp: 183606
Ion Ratio Lower Upper
146 100
111 37.8 27.0 50.2
148 63.4 45.0 83.6

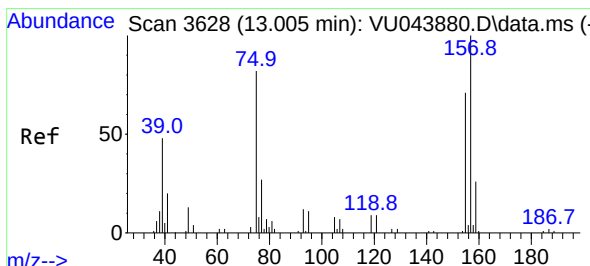
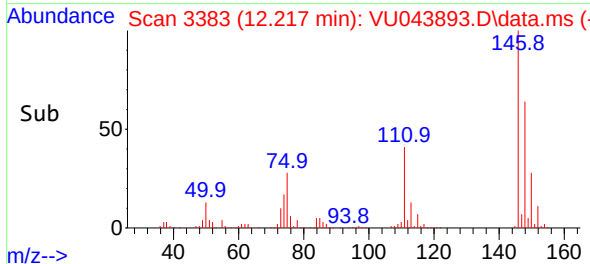
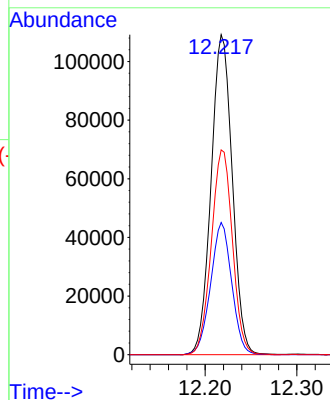
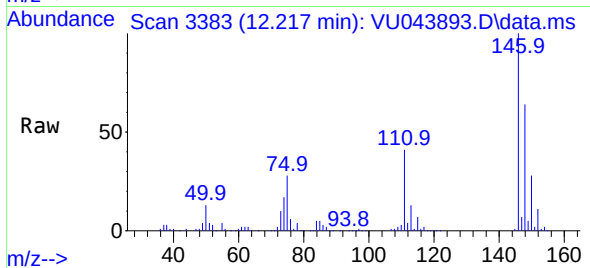




#67
1,2-Dichlorobenzene
Concen: 5.24 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

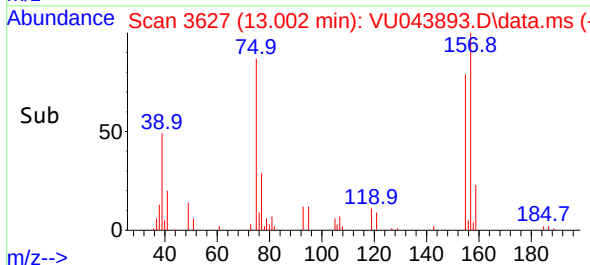
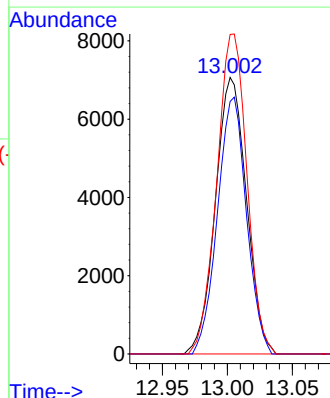
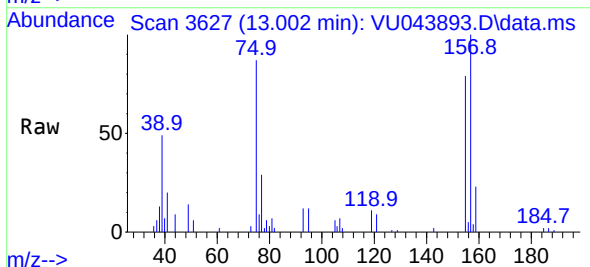
Instrument :
MSVOA_U
ClientSampled :
GB408MSD

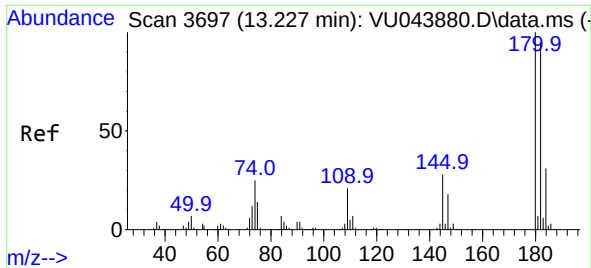
Tgt Ion:146 Resp: 175188
Ion Ratio Lower Upper
146 100
111 41.3 33.6 50.4
148 64.0 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.87 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.003 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion: 75 Resp: 11737
Ion Ratio Lower Upper
75 100
155 91.3 68.7 103.1
157 115.6 87.7 131.5



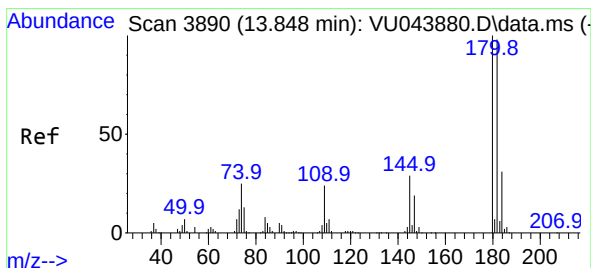
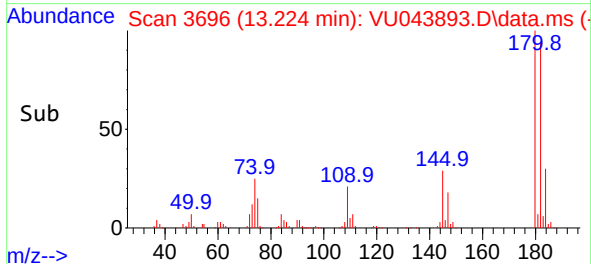
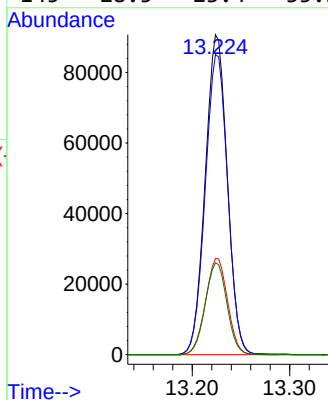
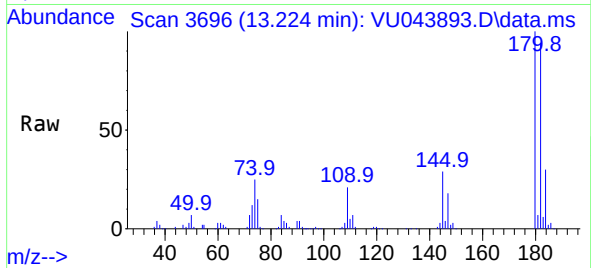


#69
1,3,5-Trichlorobenzene
Concen: 5.13 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.003 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Instrument :
MSVOA_U
ClientSampled :
GB408MSD

Tgt Ion:180 Resp: 142500

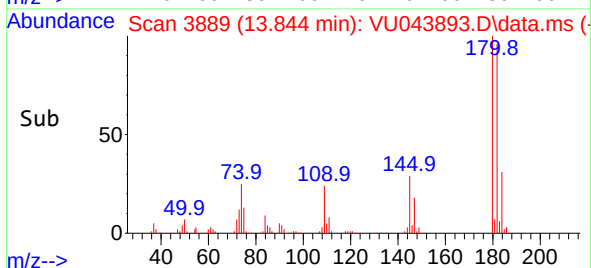
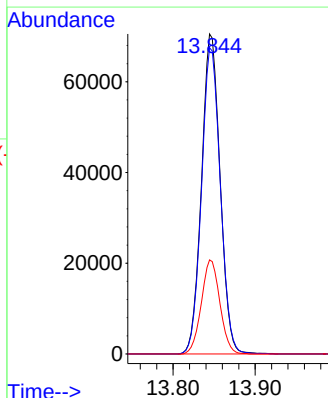
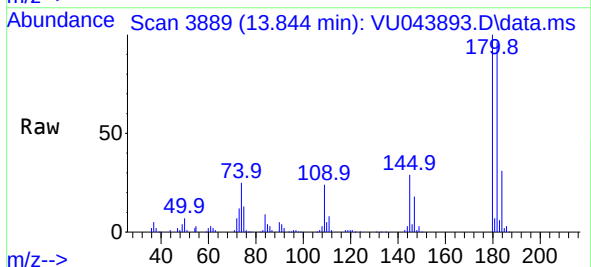
Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.2	117.2
184	30.0	24.8	37.2
145	28.5	23.4	35.2

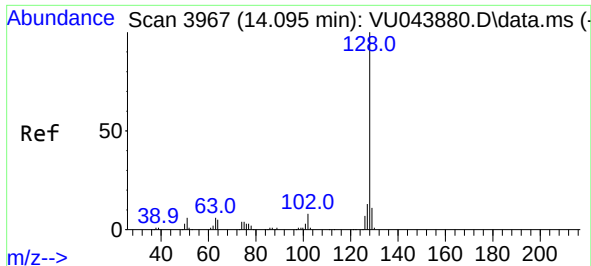


#70
1,2,4-trichlorobenzene
Concen: 4.85 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.003 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion:180 Resp: 110939

Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.9	115.3
145	29.3	23.0	34.4

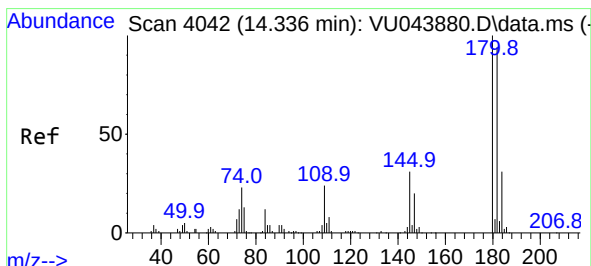
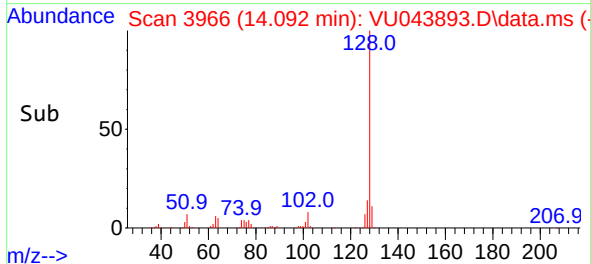
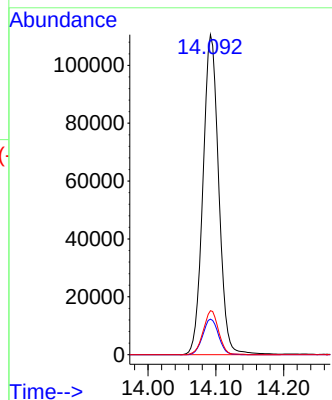
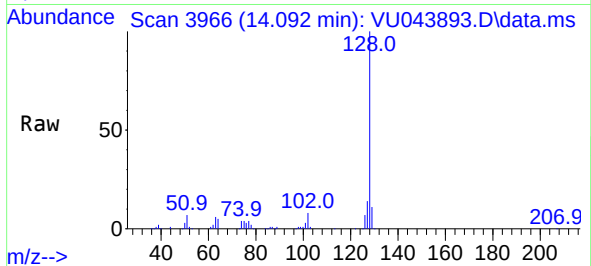




#71
Naphthalene
Concen: 4.42 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Instrument :
MSVOA_U
ClientSampleId :
GB408MSD

Tgt Ion:128 Resp: 178316
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.4 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.06 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043893.D
Acq: 21 May 2021 16:46

Tgt Ion:180 Resp: 109879
Ion Ratio Lower Upper
180 100
182 95.4 77.0 115.4
145 30.8 24.6 36.8

