

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052121\
 Data File : VU043880.D
 Acq On : 21 May 2021 10:05
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005152

Quant Time: May 22 00:41:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 01:15:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	291187	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	297359	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	168144	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.604	65	85258	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.919	69	65978	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.575	65	37799	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	4.649	46	263283	64.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.98%
24) Chloroform-d	5.073	84	164150	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.713	65	88625	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.739	84	355970	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.700	67	113959	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.906	98	332002	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloroprop...	8.189	79	43659	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.645	63	209823	52.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.28%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	101711	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	129294	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.388	85	102241	4.82	ug/L 100
3) Chloromethane	1.523	50	109594	4.40	ug/L 99
5) Vinyl chloride	1.607	62	118463	4.79	ug/L 98
6) Bromomethane	1.864	94	64536	4.43	ug/L 97
8) Chloroethane	1.941	64	66202	4.76	ug/L 97
9) Trichlorofluoromethane	2.144	101	140560	4.90	ug/L 100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	101274	5.18	ug/L 98
12) 1,1-Dichloroethene	2.588	96	97403	5.07	ug/L 94
13) Acetone	2.662	43	174141	67.19	ug/L 95
14) Carbon disulfide	2.800	76	310590	4.83	ug/L 99
15) Methyl Acetate	2.964	43	42292	5.48	ug/L 97
16) Methylene chloride	3.054	84	113541	3.98	ug/L 96
17) Methyl tert-butyl Ether	3.375	73	210588	4.84	ug/L 98
18) trans-1,2-Dichloroethene	3.362	96	100401	4.97	ug/L 99
19) 1,1-Dichloroethane	3.880	63	181618	4.98	ug/L 97
21) 2-Butanone	4.729	43	292830	59.09	ug/L 97
22) cis-1,2-Dichloroethene	4.678	96	108172	5.10	ug/L 96
23) Bromochloromethane	4.983	128	54225	5.43	ug/L 92
25) Chloroform	5.099	83	201738	5.59	ug/L 99

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 ALS Vial : 1 Sample Multiplier: 1

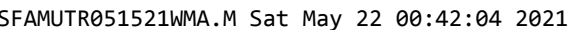
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005152

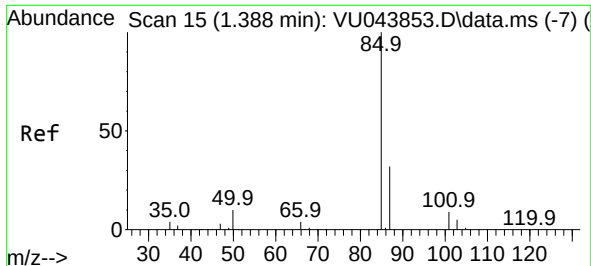
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 01:15:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	114395	5.14	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	153625	4.95	ug/L	98
30) Cyclohexane	5.401	56	149316	4.34	ug/L	96
31) Carbon tetrachloride	5.533	117	129690	5.01	ug/L	100
33) Benzene	5.784	78	421444	4.90	ug/L	100
34) Trichloroethene	6.552	95	107821	4.89	ug/L	98
35) Methylcyclohexane	6.774	83	162916	4.75	ug/L	97
37) 1,2-Dichloropropane	6.800	63	109256	4.85	ug/L	100
38) Bromodichloromethane	7.115	83	131307	5.00	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	144216	4.82	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	678380	47.28	ug/L	96
42) Toluene	7.976	91	458917	5.08	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	127173	4.93	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	82509	5.10	ug/L	97
47) Tetrachloroethene	8.562	164	91335	5.12	ug/L	99
48) 2-Hexanone	8.693	43	518874	48.75	ug/L	96
49) Dibromochloromethane	8.819	129	94424	5.23	ug/L	98
50) 1,2-Dibromoethane	8.931	107	78134	5.14	ug/L	96
51) Chlorobenzene	9.456	112	280769	4.98	ug/L	99
52) Ethylbenzene	9.578	91	456214	4.93	ug/L	100
53) m,p-Xylene	9.703	106	179949	5.12	ug/L	97
54) o-Xylene	10.108	106	172407	5.14	ug/L	97
55) Styrene	10.121	104	304761	5.38	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	104543	5.09	ug/L	99
59) Bromoform	10.298	173	57117	5.05	ug/L	99
60) Isopropylbenzene	10.491	105	443818	4.81	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	74360	4.63	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	351784	4.74	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	369108	4.85	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	236784	4.98	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	239668	5.02	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	226089	4.95	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	15090	4.58	ug/L	93
69) 1,3,5-Trichlorobenzene	13.227	180	183119	4.83	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	146072	4.67	ug/L	99
71) Naphthalene	14.095	128	230271	4.18	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	141168	4.76	ug/L	98

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

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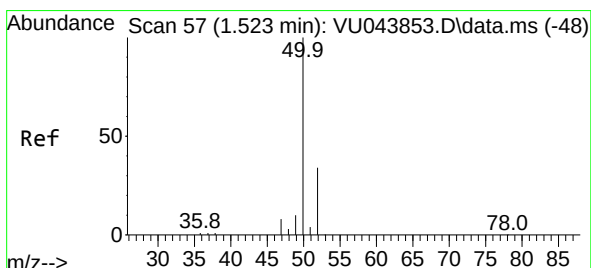
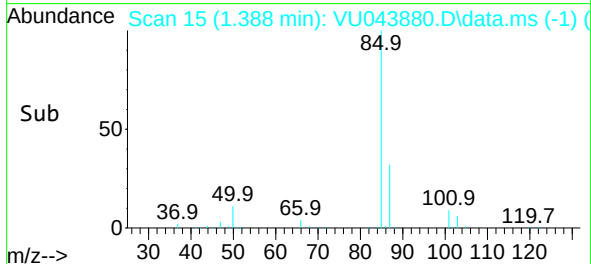
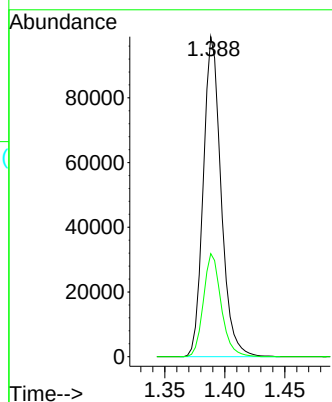
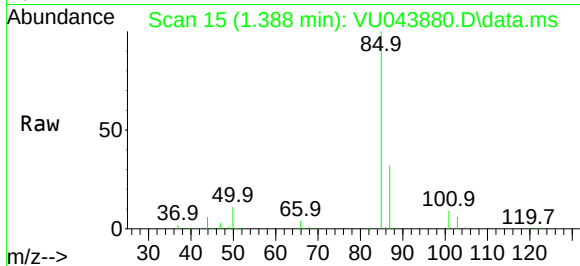




#2
Dichlorodifluoromethane
Concen: 4.82 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

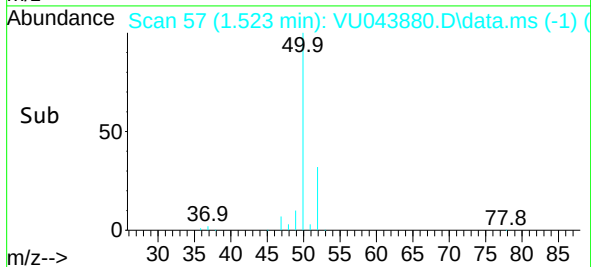
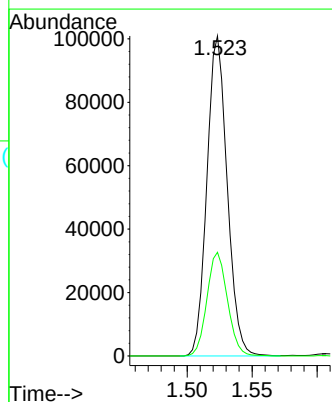
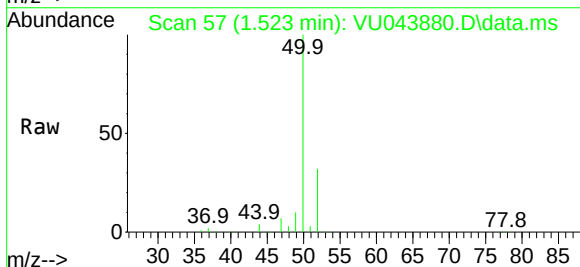
Instrument :
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VSTD005152

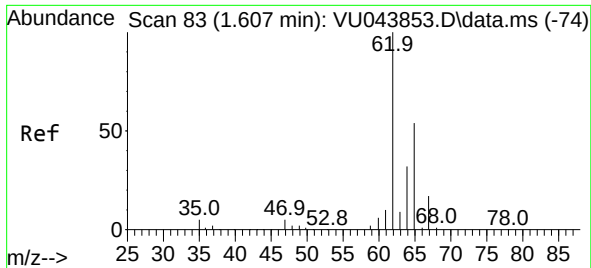
Tgt Ion: 85 Resp: 102241
Ion Ratio Lower Upper
85 100
87 32.0 25.5 38.3



#3
Chloromethane
Concen: 4.40 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion: 50 Resp: 109594
Ion Ratio Lower Upper
50 100
52 32.4 23.2 43.2

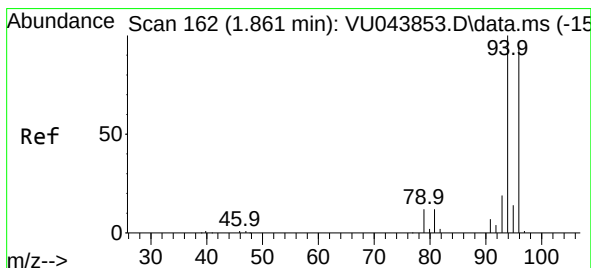
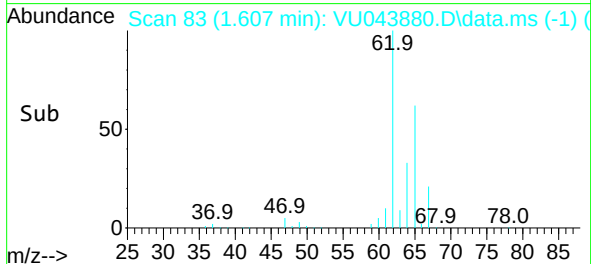
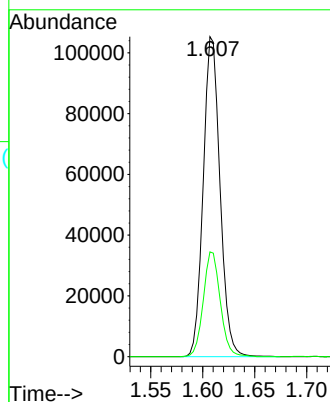
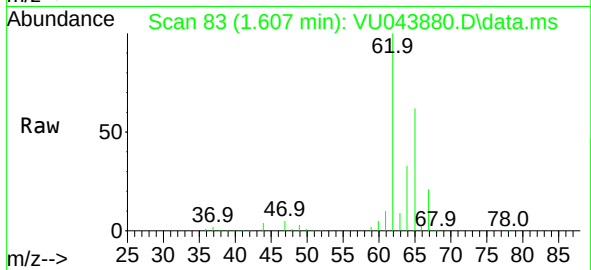




#5
 Vinyl chloride
 Concen: 4.79 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043880.D
 Acq: 21 May 2021 10:05

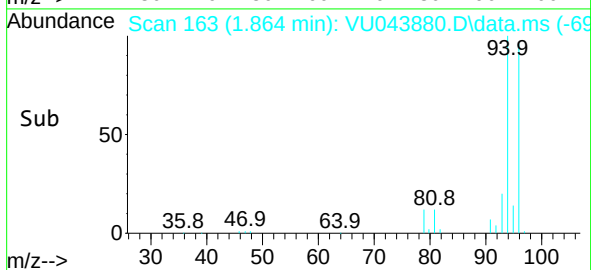
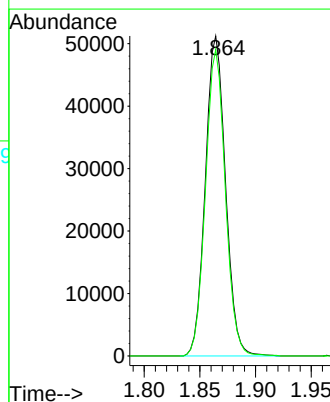
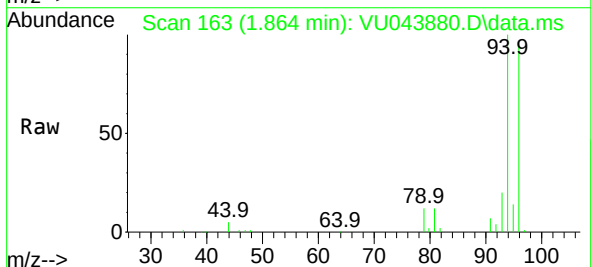
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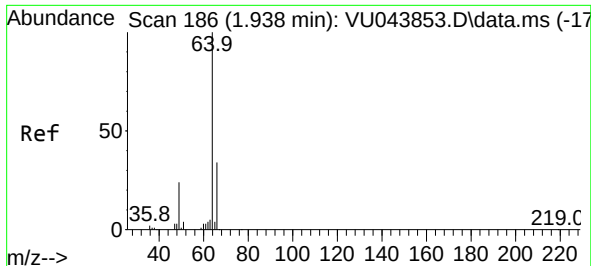
Tgt Ion: 62 Resp: 118463
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.1 41.1



#6
 Bromomethane
 Concen: 4.43 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU043880.D
 Acq: 21 May 2021 10:05

Tgt Ion: 94 Resp: 64536
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.0 120.8

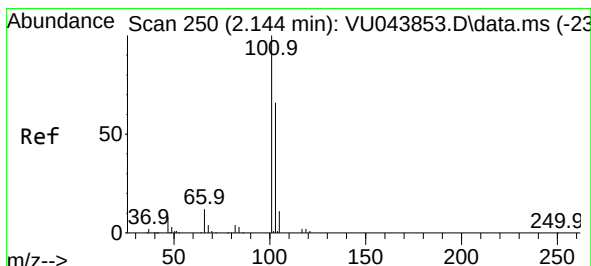
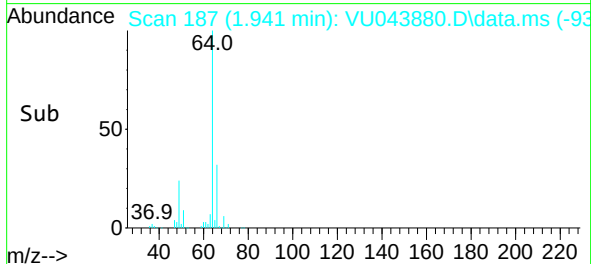
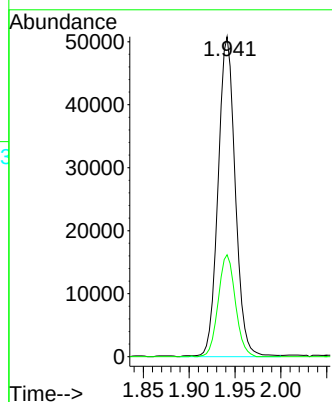
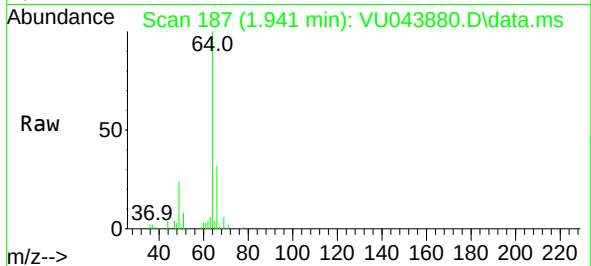




#8
Chloroethane
Concen: 4.76 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

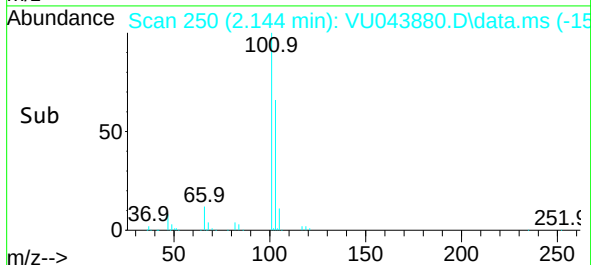
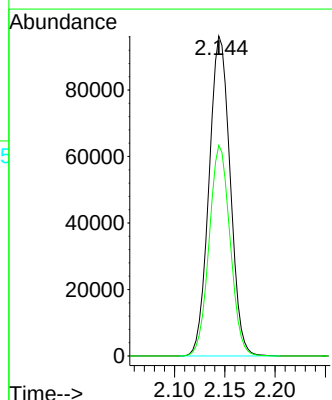
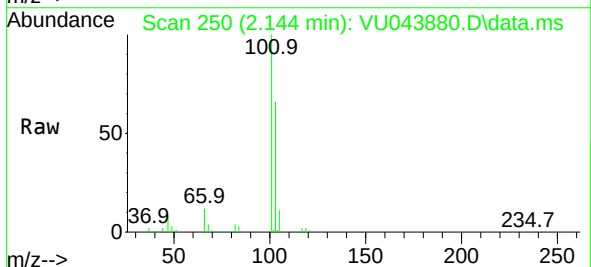
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ClientSampleId :
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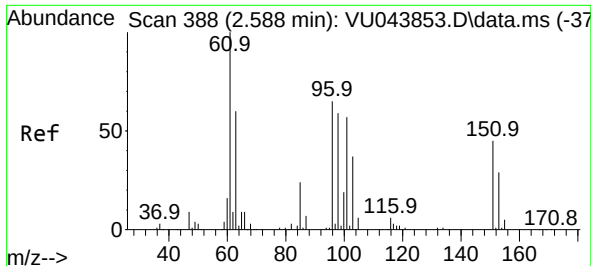
Tgt Ion: 64 Resp: 66202
Ion Ratio Lower Upper
64 100
66 31.9 23.4 43.6



#9
Trichlorofluoromethane
Concen: 4.90 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion: 101 Resp: 140560
Ion Ratio Lower Upper
101 100
103 65.2 52.1 78.1

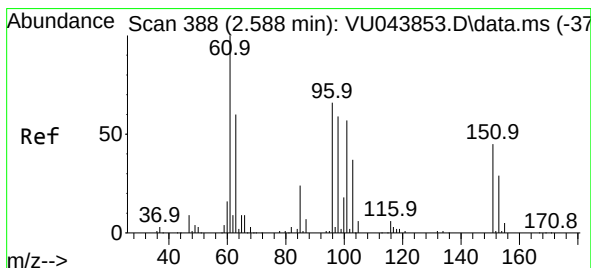
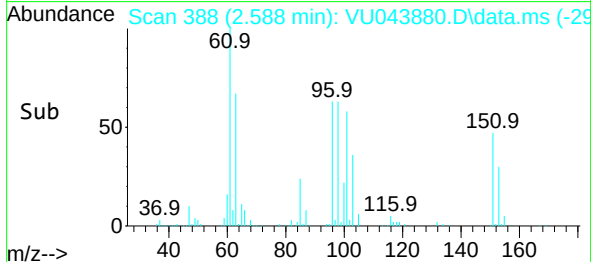
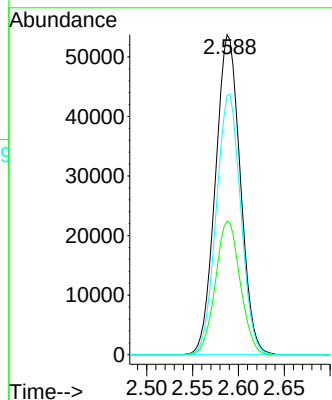
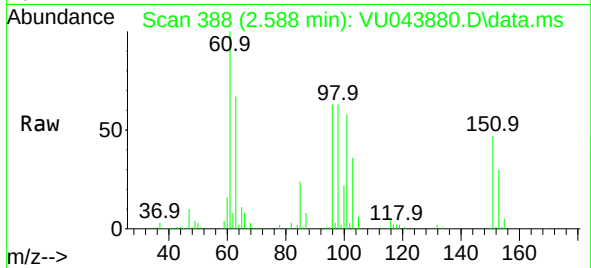




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.18 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU043880.D
 Acq: 21 May 2021 10:05

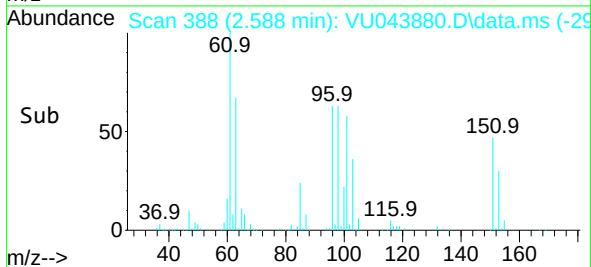
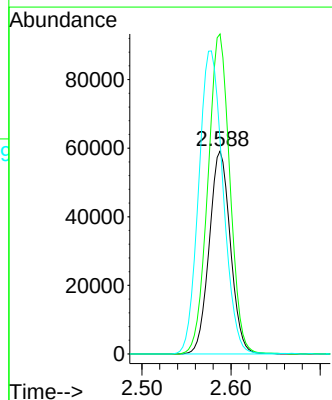
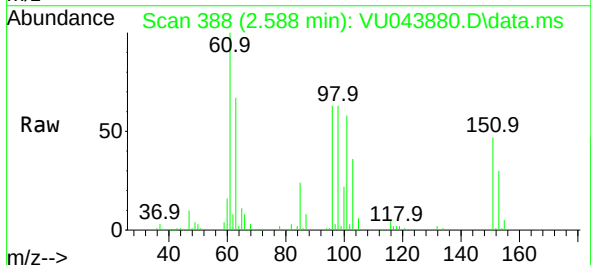
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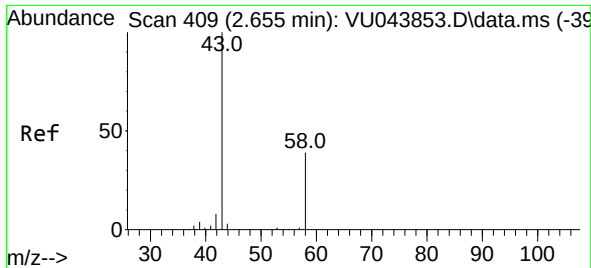
Tgt Ion:101 Resp: 101274
 Ion Ratio Lower Upper
 101 100
 85 41.6 34.3 51.5
 151 80.4 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 5.07 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU043880.D
 Acq: 21 May 2021 10:05

Tgt Ion: 96 Resp: 97403
 Ion Ratio Lower Upper
 96 100
 61 157.8 117.5 218.1
 63 105.6 77.3 143.7

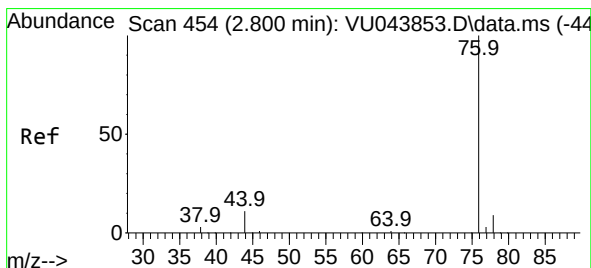
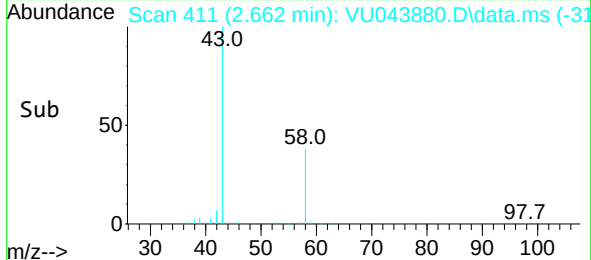
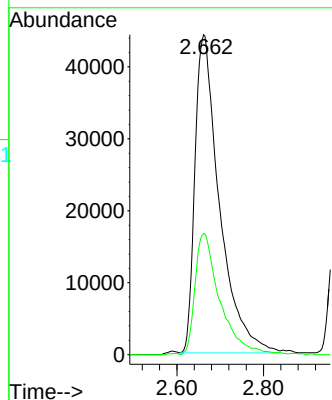
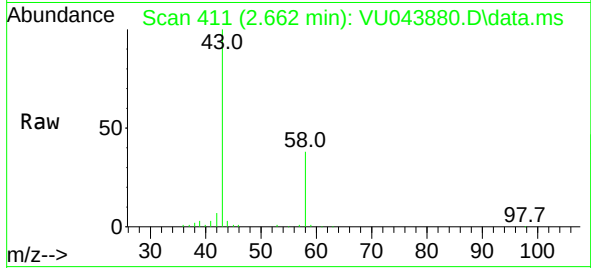




#13
Acetone
Concen: 67.19 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.006 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

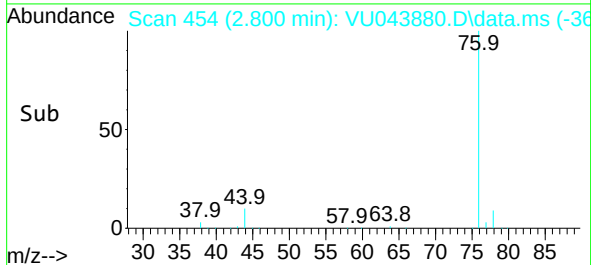
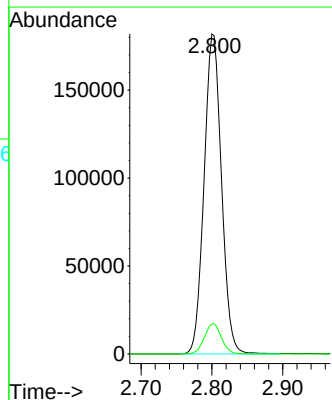
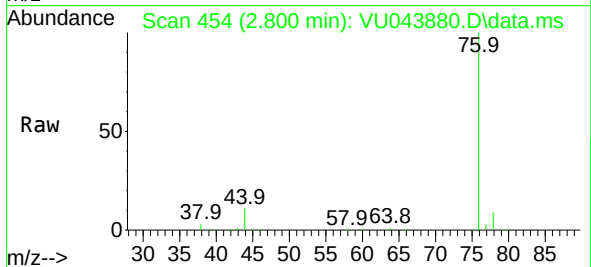
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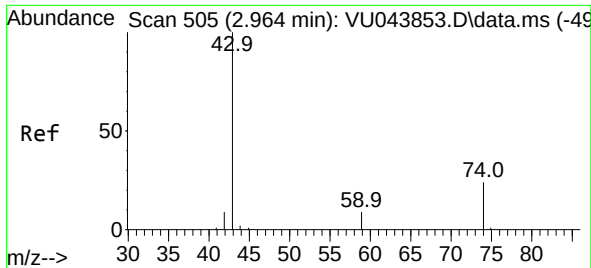
Tgt Ion: 43 Resp: 174141
Ion Ratio Lower Upper
43 100
58 38.5 0.0 71.6



#14
Carbon disulfide
Concen: 4.83 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion: 76 Resp: 310590
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

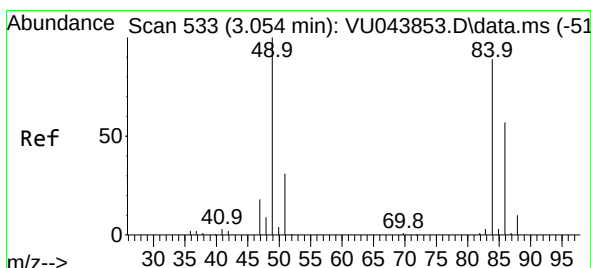
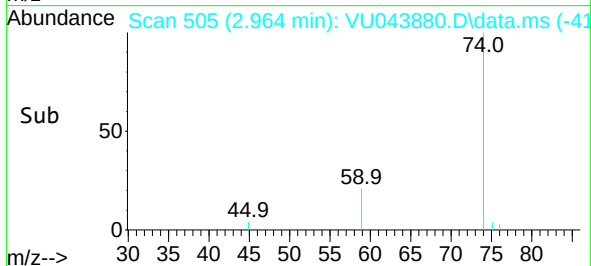
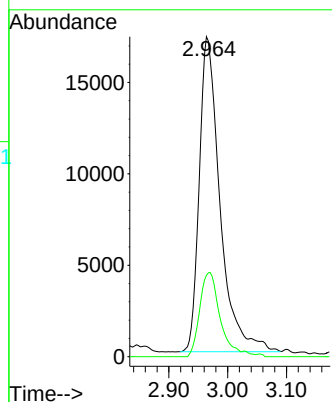
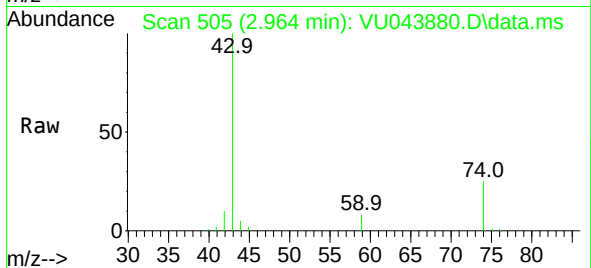




#15
Methyl Acetate
Concen: 5.48 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

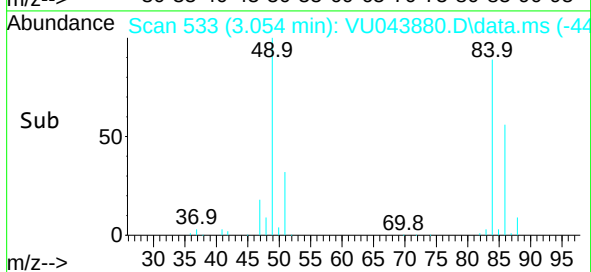
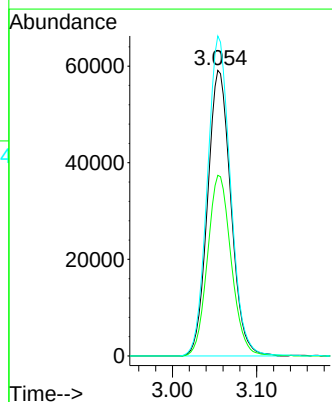
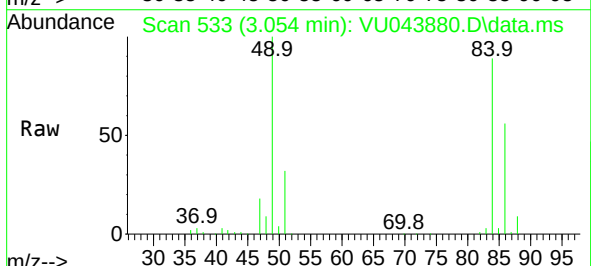
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

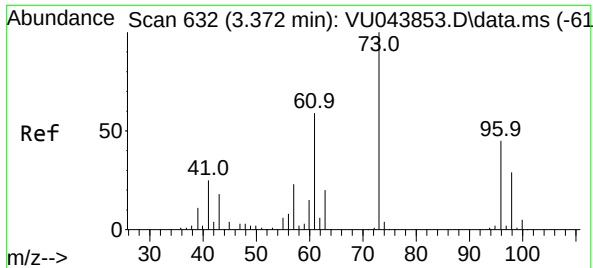
Tgt Ion: 43 Resp: 42292
Ion Ratio Lower Upper
43 100
74 25.7 19.3 28.9



#16
Methylene chloride
Concen: 3.98 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion: 84 Resp: 113541
Ion Ratio Lower Upper
84 100
86 63.2 44.7 82.9
49 112.0 83.1 154.3



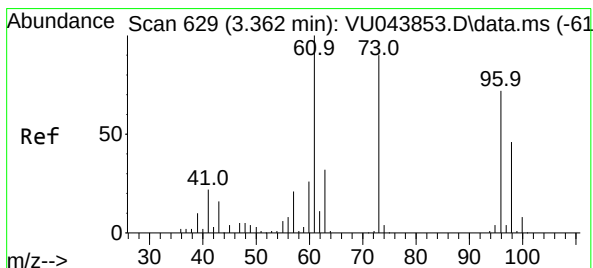
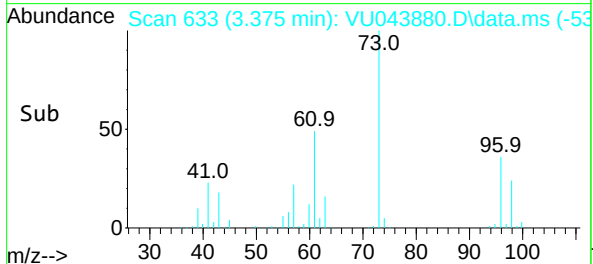
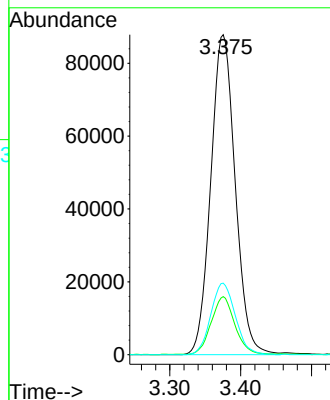
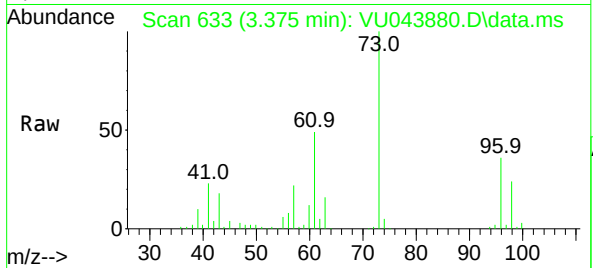


#17

Methyl tert-butyl Ether
Concen: 4.84 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

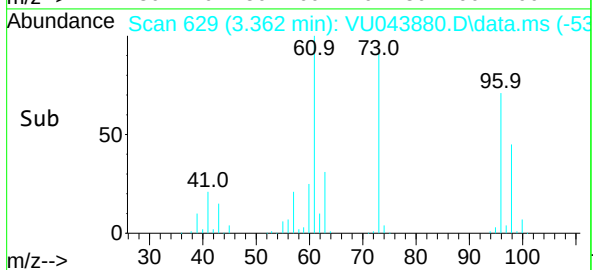
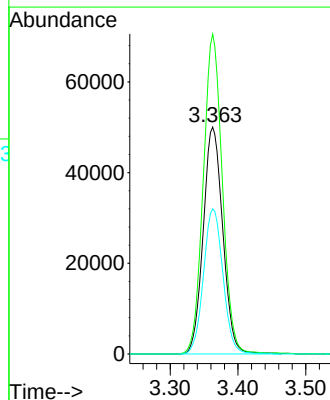
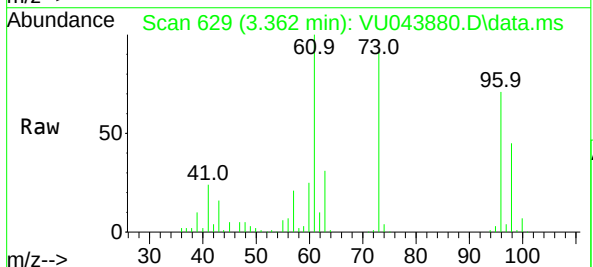
Tgt Ion: 73	Resp: 210588
Ion Ratio	Lower Upper
73 100	
43 17.3	15.0 22.4
57 22.4	18.6 27.8

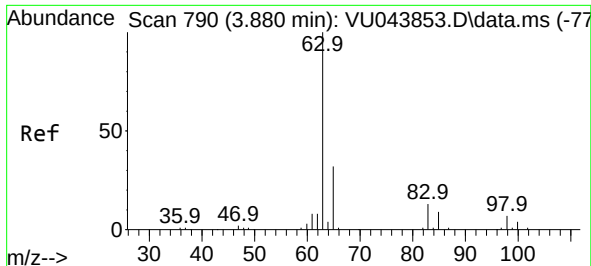


#18

trans-1,2-Dichloroethene
Concen: 4.97 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion: 96	Resp: 100401
Ion Ratio	Lower Upper
96 100	
61 141.1	99.6 185.0
98 64.0	43.8 81.4





#19

1,1-Dichloroethane

Concen: 4.98 ug/L

RT: 3.880 min Scan# 790

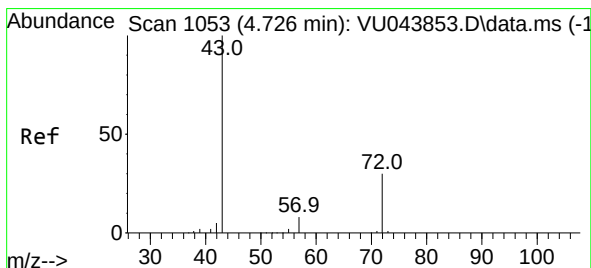
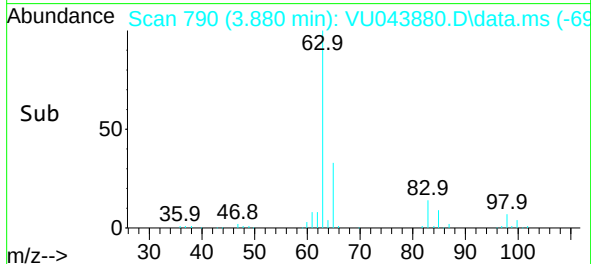
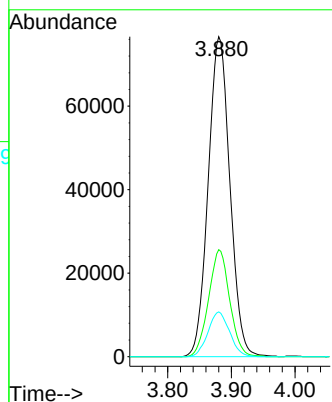
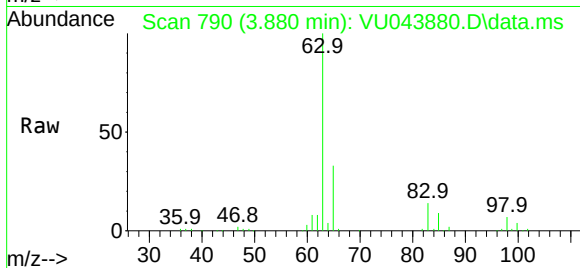
Delta R.T. 0.000 min

Lab File: VU043880.D

Acq: 21 May 2021 10:05

Tgt Ion: 63 Resp: 181618

Ion	Ratio	Lower	Upper
63	100		
65	33.5	22.3	41.3
83	14.0	9.0	16.8



#21

2-Butanone

Concen: 59.09 ug/L

RT: 4.729 min Scan# 1054

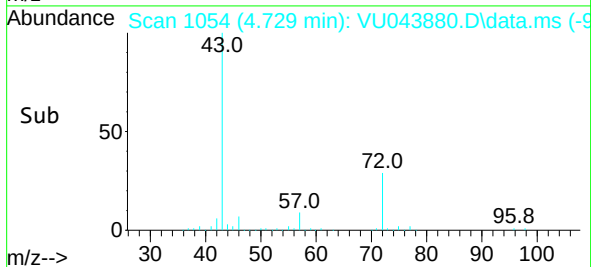
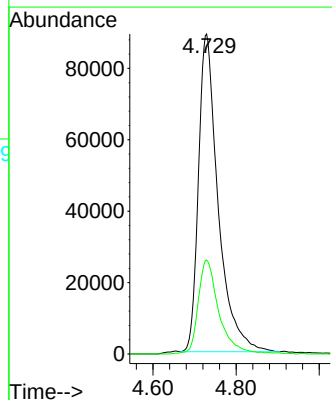
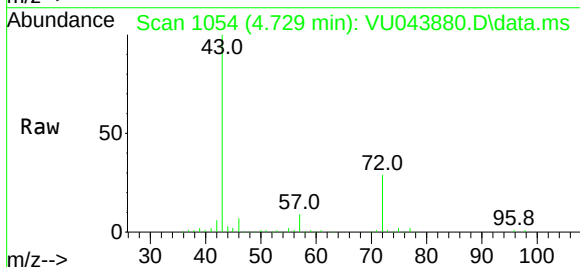
Delta R.T. 0.003 min

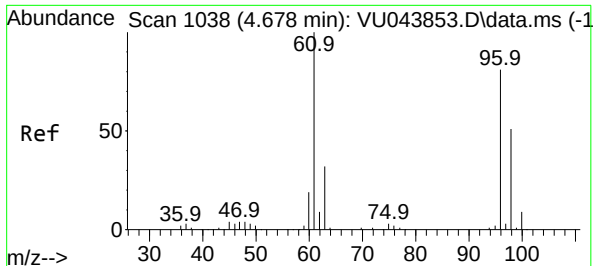
Lab File: VU043880.D

Acq: 21 May 2021 10:05

Tgt Ion: 43 Resp: 292830

Ion	Ratio	Lower	Upper
43	100		
72	30.7	14.5	43.6



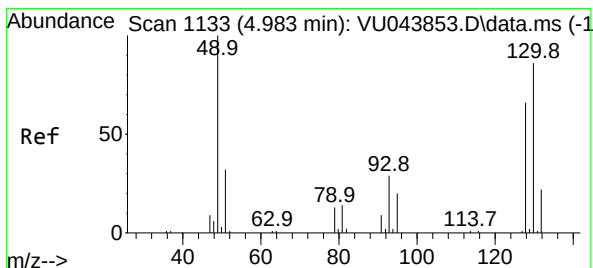
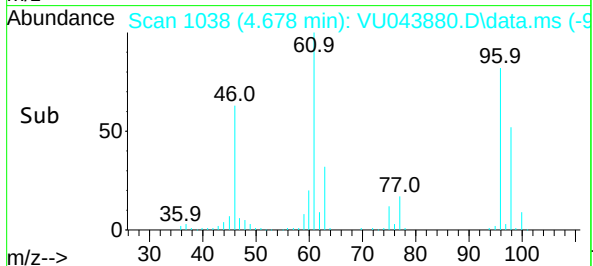
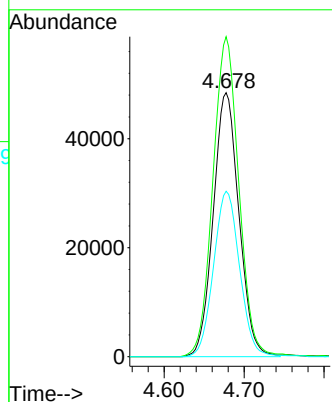
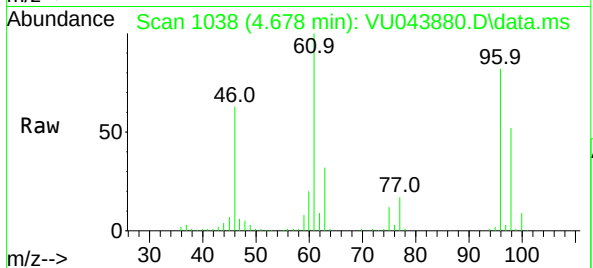


#22

cis-1,2-Dichloroethene
Concen: 5.10 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

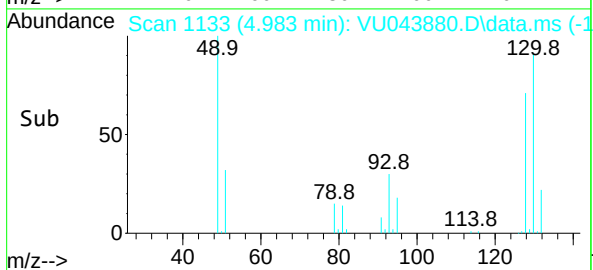
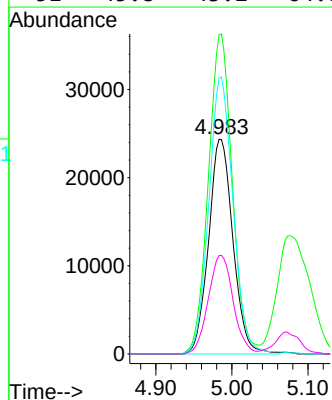
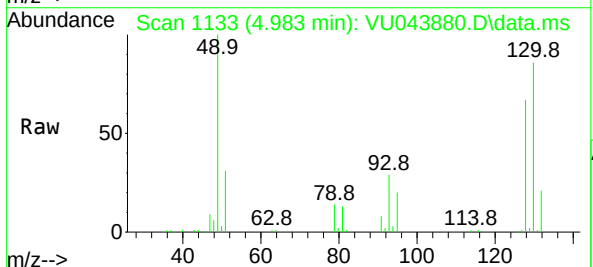
Tgt Ion: 96 Resp: 108172
Ion Ratio Lower Upper
96 100
61 121.2 89.0 165.4
98 62.7 44.9 83.3

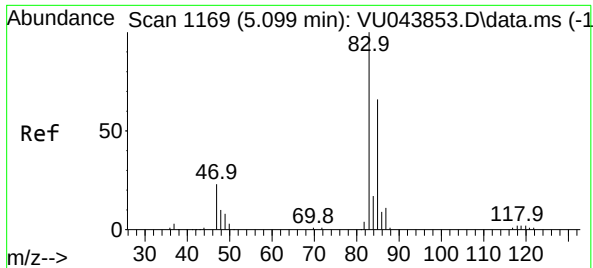


#23

Bromochloromethane
Concen: 5.43 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion:128 Resp: 54225
Ion Ratio Lower Upper
128 100
49 148.6 114.7 212.9
130 128.4 91.7 170.3
51 45.8 43.2 64.8





#25

Chloroform

Concen: 5.59 ug/L

RT: 5.099 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VU043880.D

Acq: 21 May 2021 10:05

Tgt Ion: 83 Resp: 201738

Ion Ratio Lower Upper

83 100

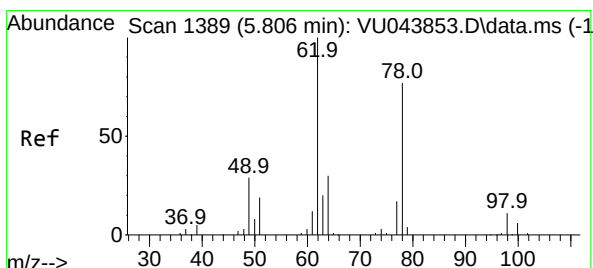
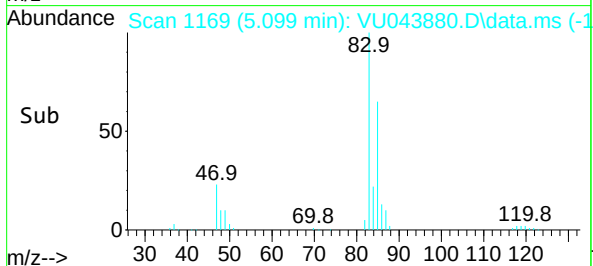
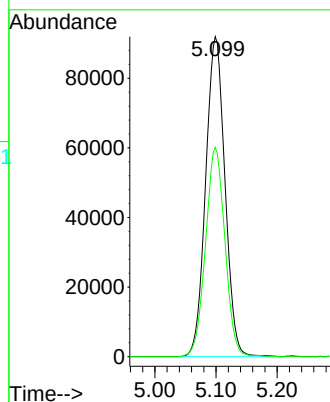
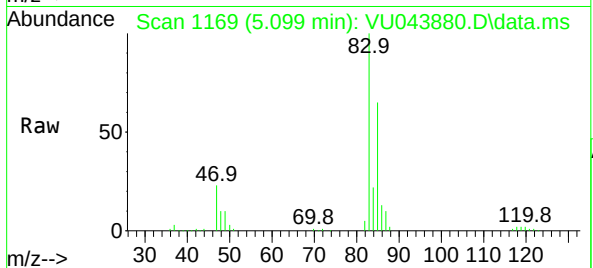
85 65.4 45.0 83.6

Instrument :

MSVOA_U

ClientSampleId :

VSTD005152



#27

1,2-Dichloroethane

Concen: 5.14 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. -0.003 min

Lab File: VU043880.D

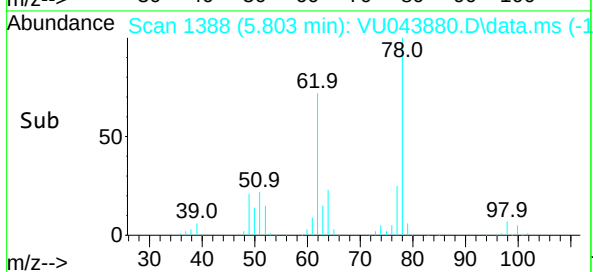
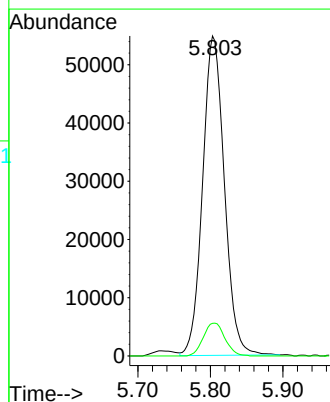
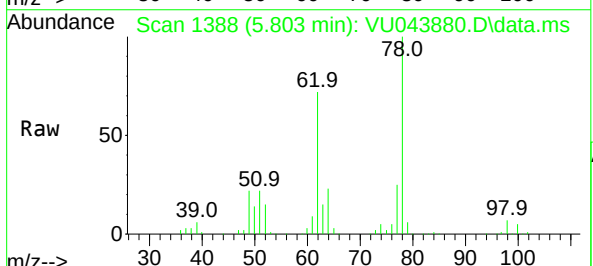
Acq: 21 May 2021 10:05

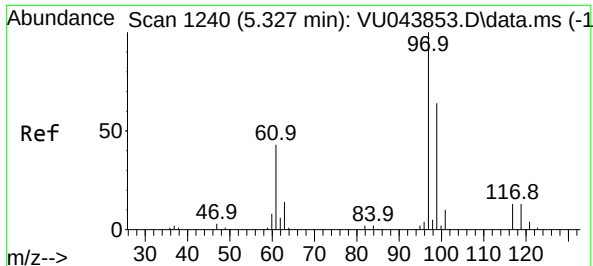
Tgt Ion: 62 Resp: 114395

Ion Ratio Lower Upper

62 100

98 10.2 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 4.95 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VU043880.D

Acq: 21 May 2021 10:05

Instrument :

MSVOA_U

ClientSampleId :

VSTD005152

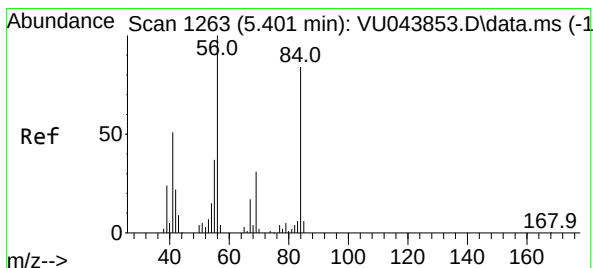
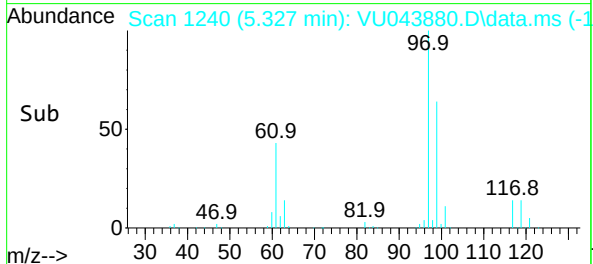
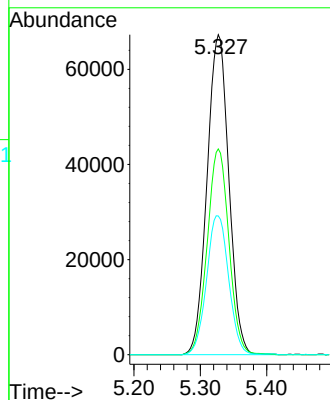
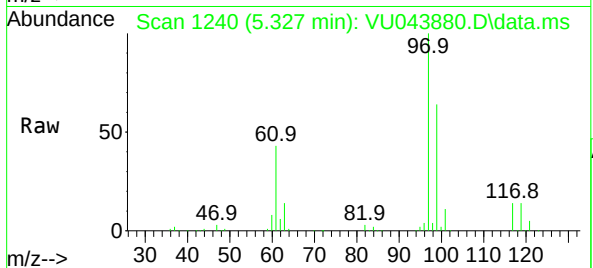
Tgt Ion: 97 Resp: 153625

Ion Ratio Lower Upper

97 100

99 64.1 51.1 76.7

61 44.0 37.0 55.4



#30

Cyclohexane

Concen: 4.34 ug/L

RT: 5.401 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VU043880.D

Acq: 21 May 2021 10:05

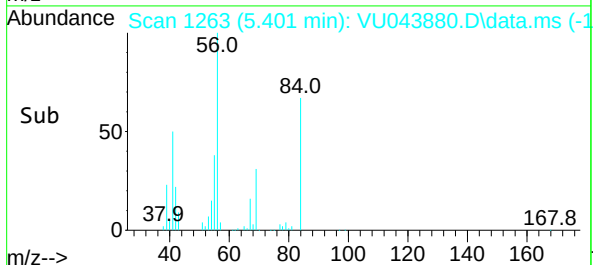
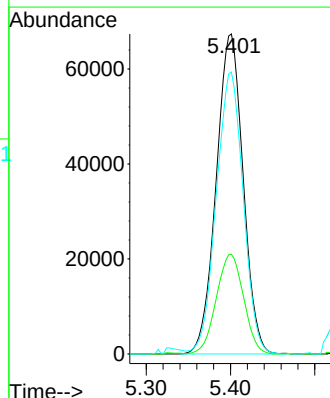
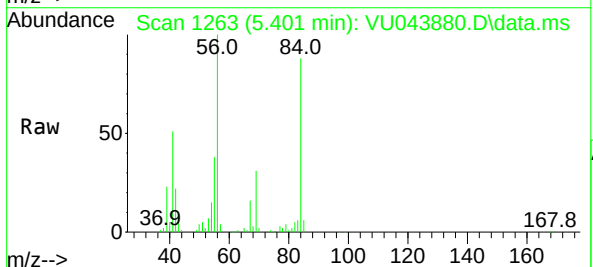
Tgt Ion: 56 Resp: 149316

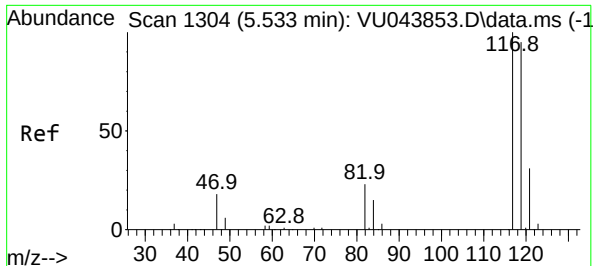
Ion Ratio Lower Upper

56 100

69 31.6 24.8 37.2

84 88.5 66.8 100.2

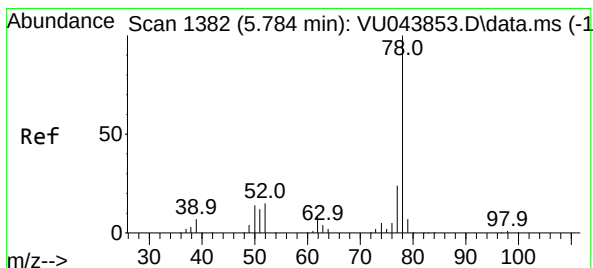
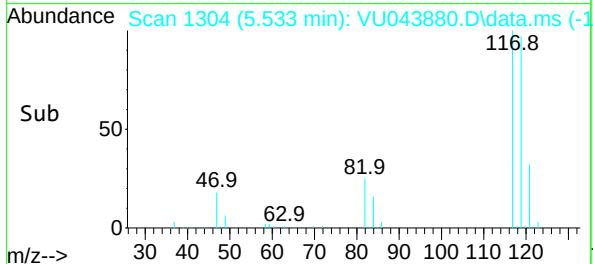
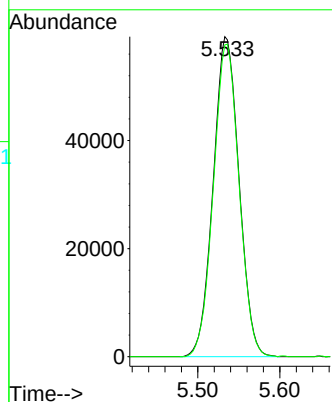
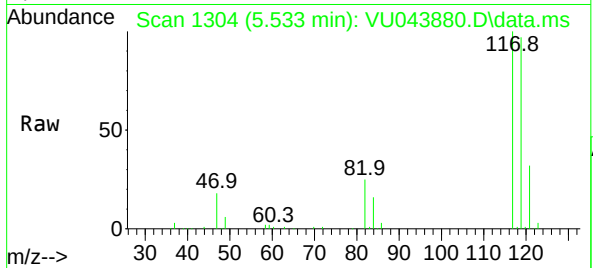




#31
Carbon tetrachloride
Concen: 5.01 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

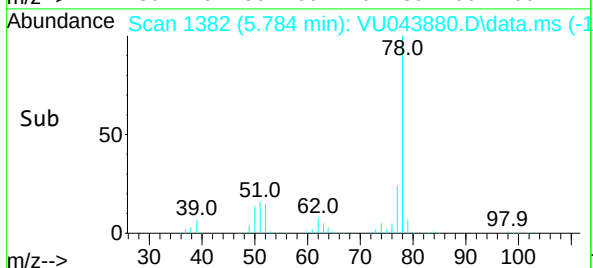
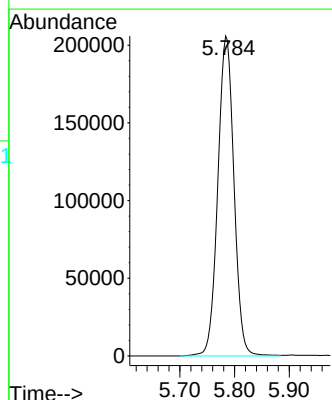
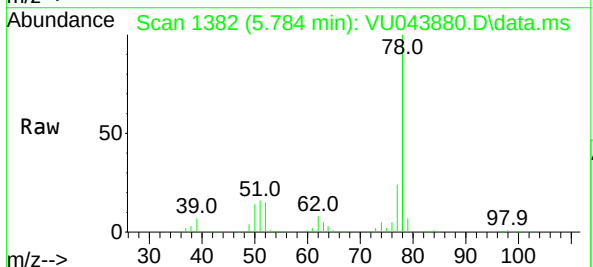
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

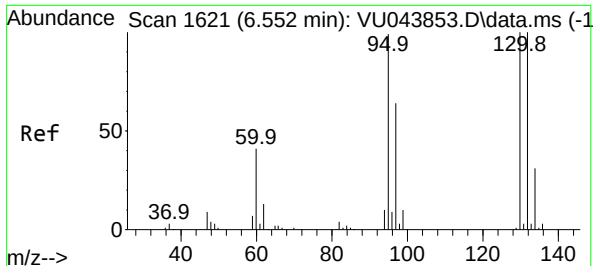
Tgt Ion:117 Resp: 129690
Ion Ratio Lower Upper
117 100
119 97.1 77.4 116.0



#33
Benzene
Concen: 4.90 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion: 78 Resp: 421444





#34

Trichloroethene

Concen: 4.89 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VU043880.D

Acq: 21 May 2021 10:05

Tgt Ion: 95 Resp: 107821

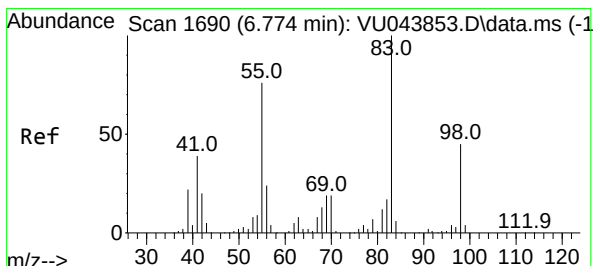
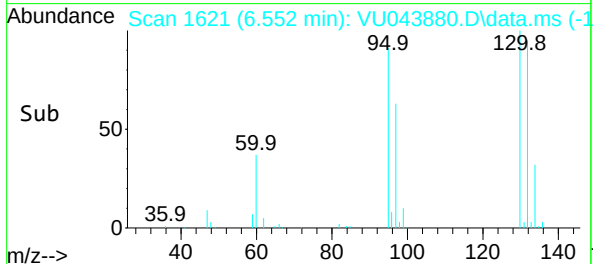
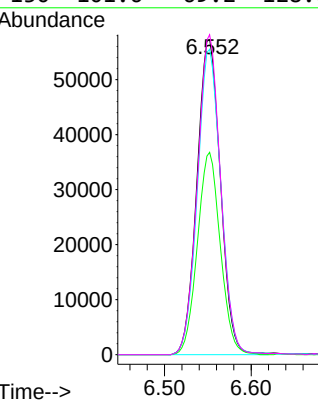
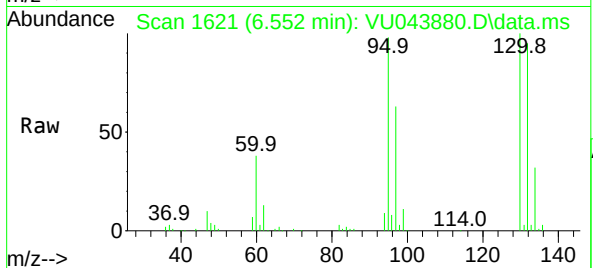
Ion Ratio Lower Upper

95 100

97 64.3 44.3 82.3

132 97.0 66.0 122.6

130 101.6 69.2 128.6



#35

Methylcyclohexane

Concen: 4.75 ug/L

RT: 6.774 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VU043880.D

Acq: 21 May 2021 10:05

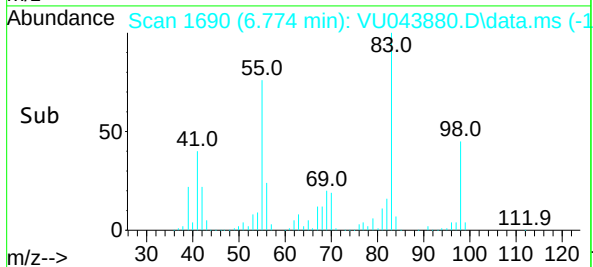
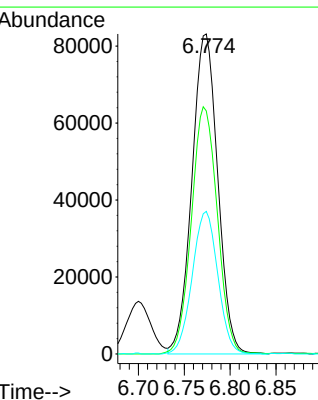
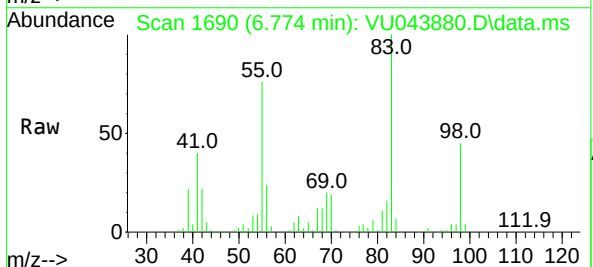
Tgt Ion: 83 Resp: 162916

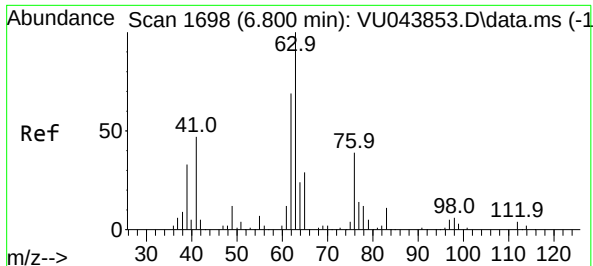
Ion Ratio Lower Upper

83 100

55 77.6 64.8 97.2

98 44.1 35.9 53.9

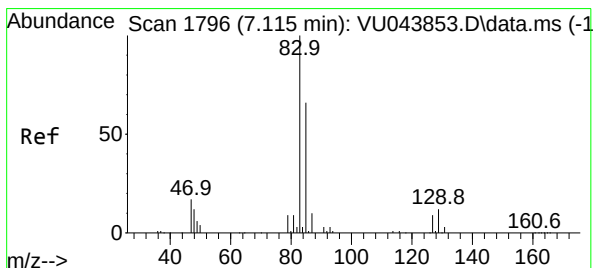
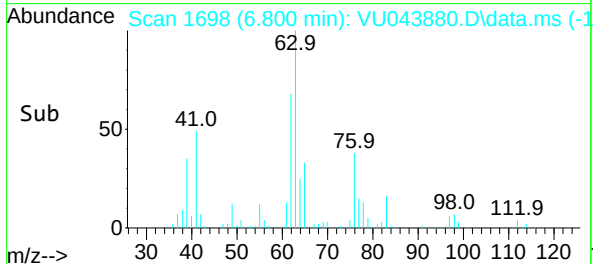
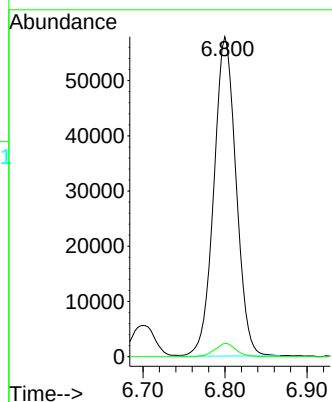
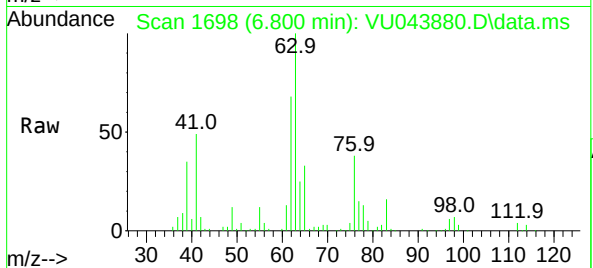




#37
1,2-Dichloropropane
Concen: 4.85 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

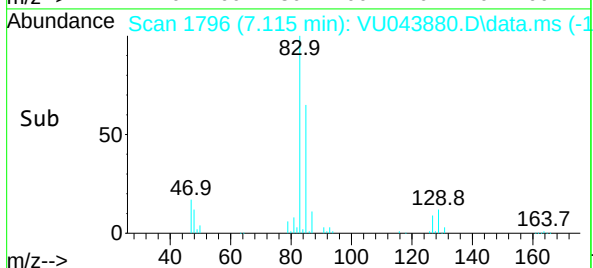
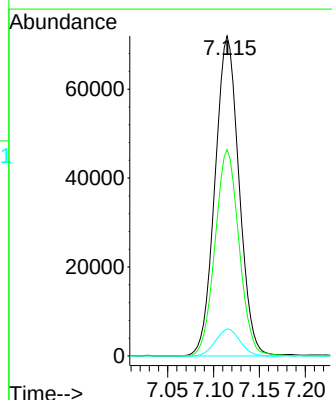
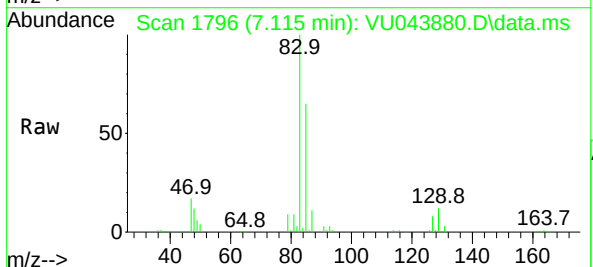
Instrument :
MSVOA_U
ClientSampled :
VSTD005152

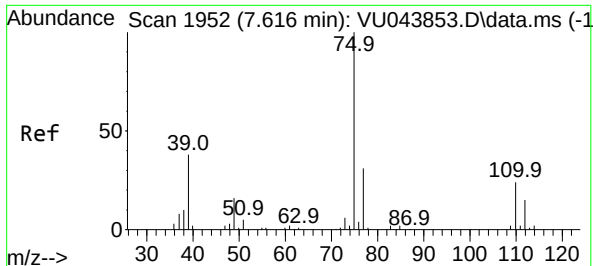
Tgt Ion: 63 Resp: 109256
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 5.00 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion: 83 Resp: 131307
Ion Ratio Lower Upper
83 100
85 64.5 44.6 82.8
127 8.5 7.0 10.4

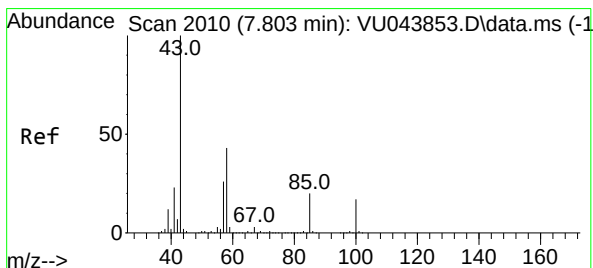
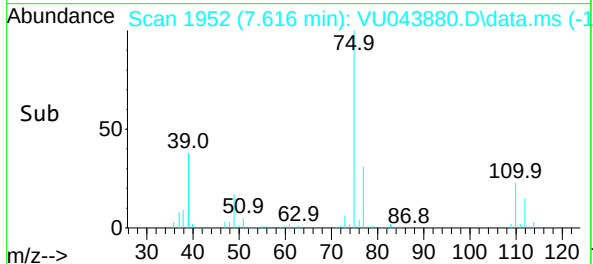
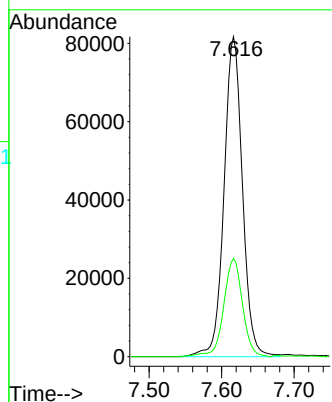
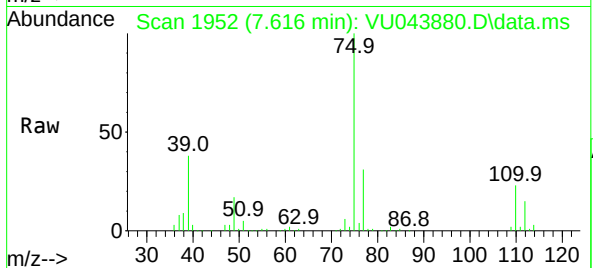




#39
cis-1,3-Dichloropropene
Concen: 4.82 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

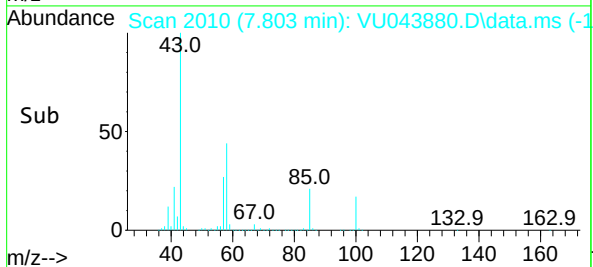
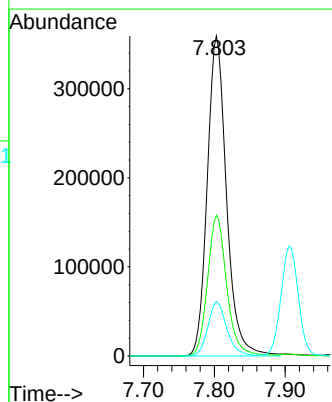
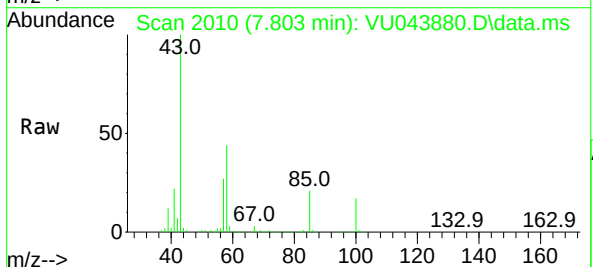
Instrument :
MSVOA_U
ClientSampled :
VSTD005152

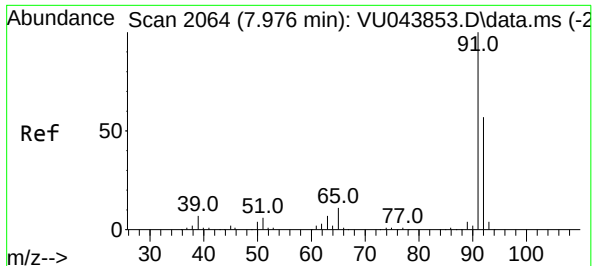
Tgt Ion: 75 Resp: 144216
Ion Ratio Lower Upper
75 100
77 30.7 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 47.28 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion: 43 Resp: 678380
Ion Ratio Lower Upper
43 100
58 43.7 32.8 49.2
100 16.7 11.9 17.9

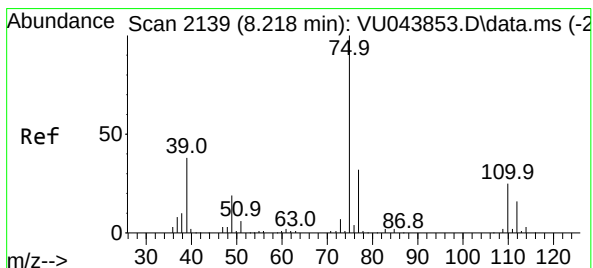
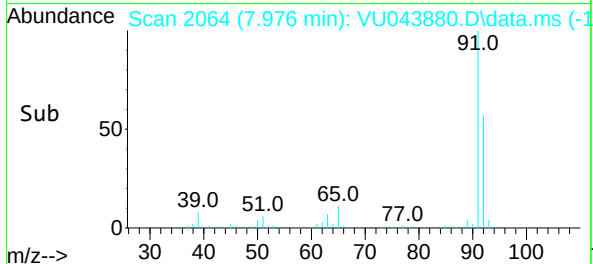
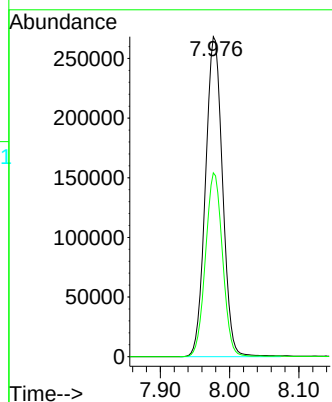
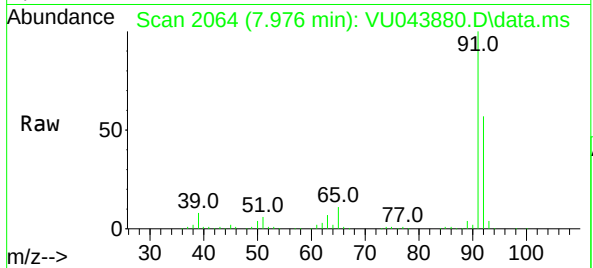




#42
Toluene
Concen: 5.08 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

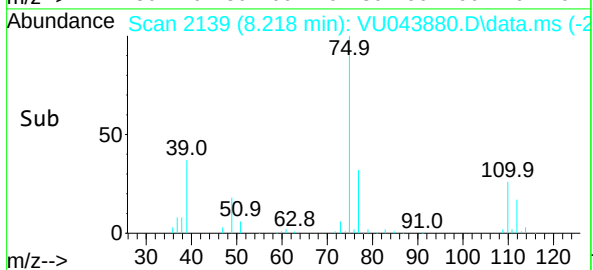
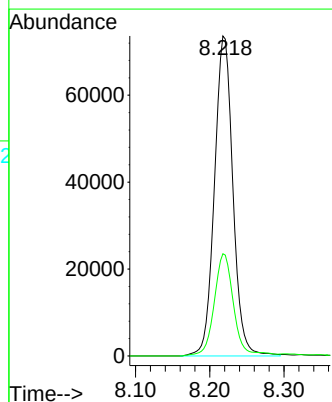
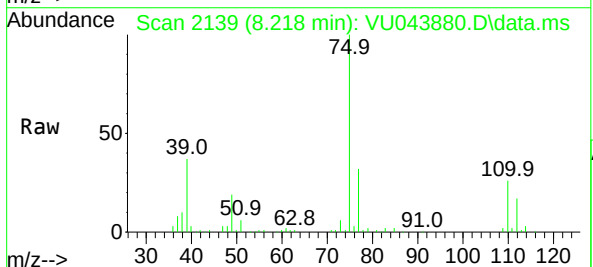
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

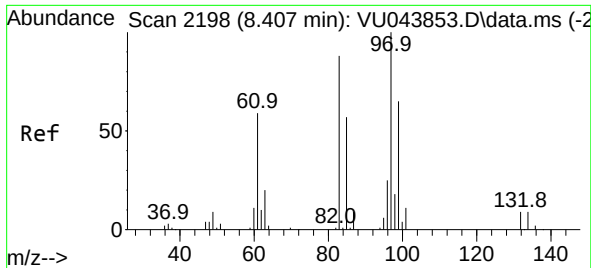
Tgt Ion: 91 Resp: 458917
Ion Ratio Lower Upper
91 100
92 57.4 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 4.93 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion: 75 Resp: 127173
Ion Ratio Lower Upper
75 100
77 32.0 21.5 39.9

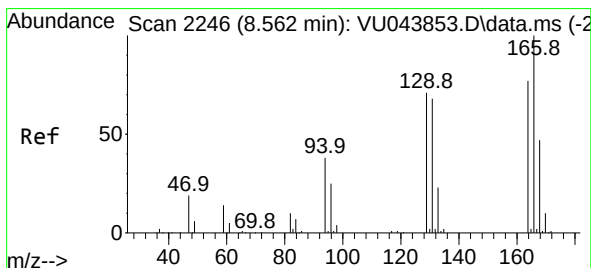
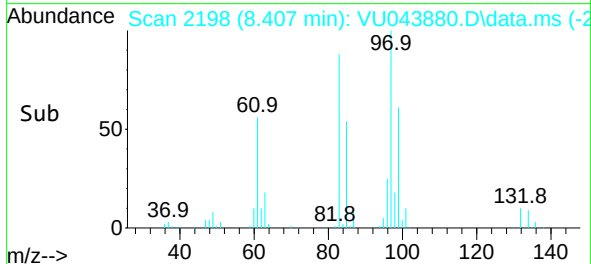
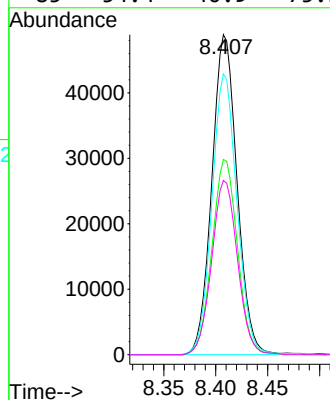
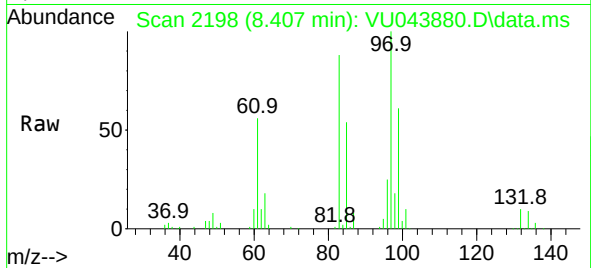




#45
1,1,2-Trichloroethane
Concen: 5.10 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

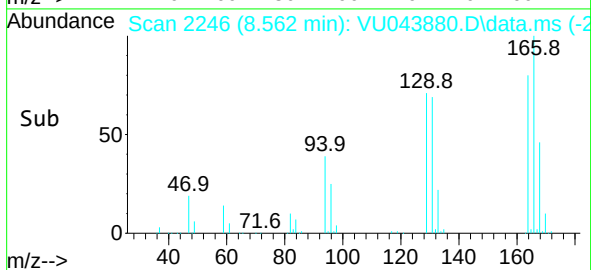
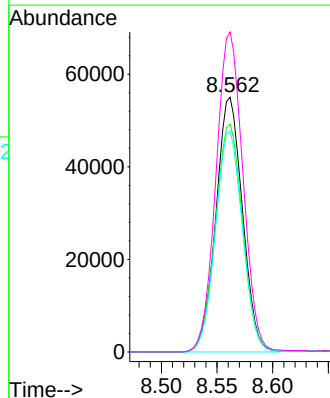
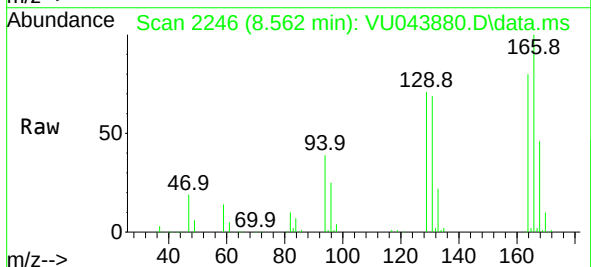
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

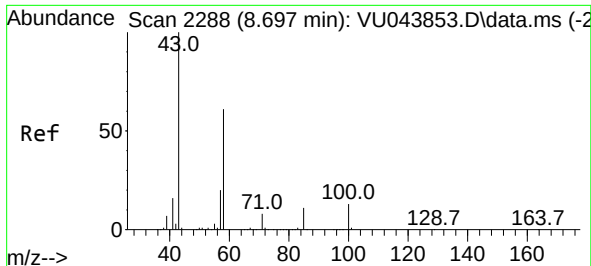
Tgt Ion:	97	Resp:	82509
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.8	81.4
83	87.8	62.5	116.1
85	54.4	40.9	75.9



#47
Tetrachloroethene
Concen: 5.12 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion:	164	Resp:	91335
Ion	Ratio	Lower	Upper
164	100		
129	89.5	64.1	119.1
131	86.7	61.2	113.8
166	125.6	87.8	163.2

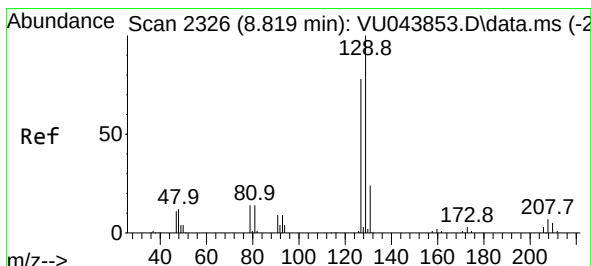
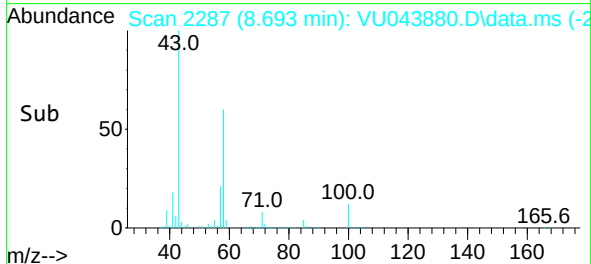
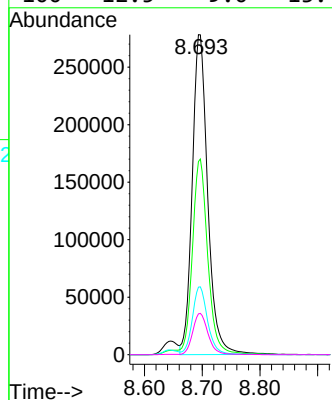
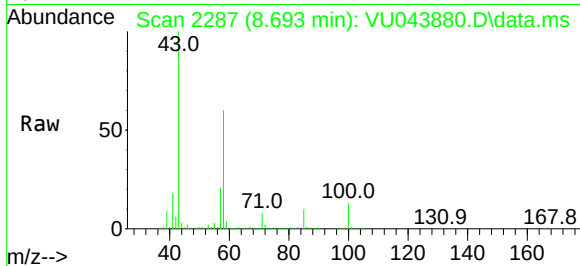




#48
2-Hexanone
Concen: 48.75 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

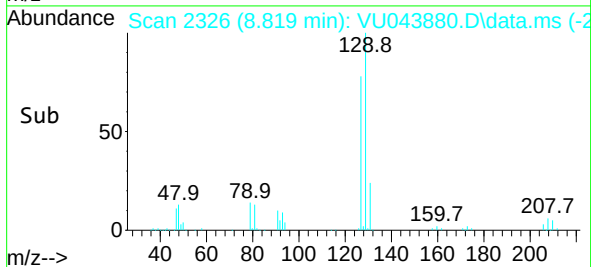
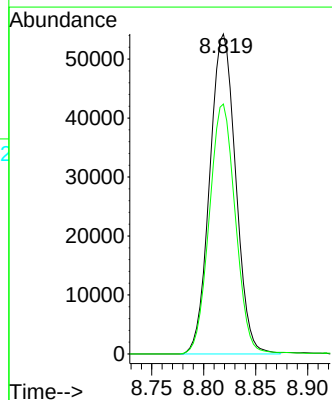
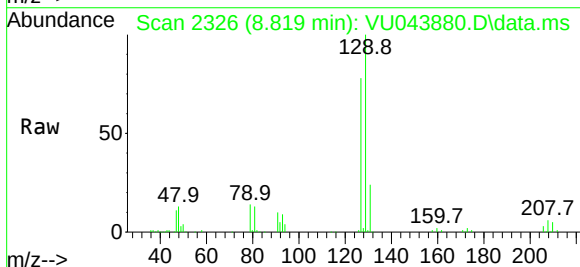
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

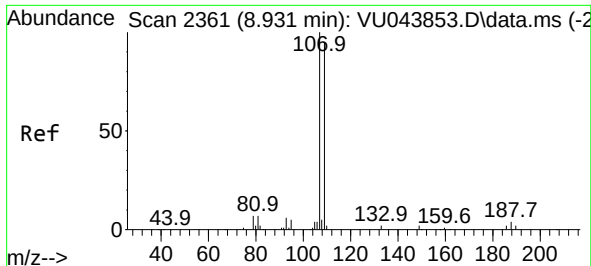
Tgt Ion: 43 Resp: 518874
Ion Ratio Lower Upper
43 100
58 61.9 47.0 70.4
57 20.7 15.8 23.8
100 12.5 9.0 13.4



#49
Dibromochloromethane
Concen: 5.23 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion: 129 Resp: 94424
Ion Ratio Lower Upper
129 100
127 78.1 53.4 99.2

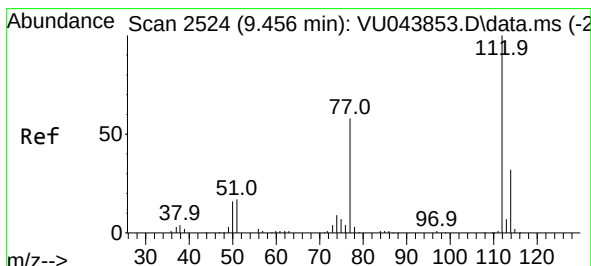
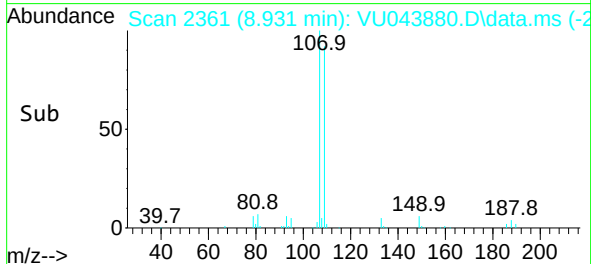
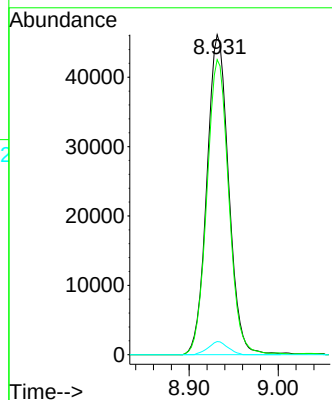
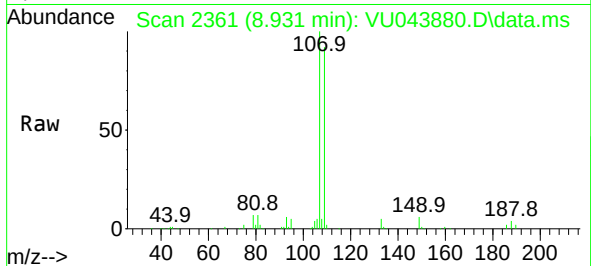




#50
1,2-Dibromoethane
Concen: 5.14 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

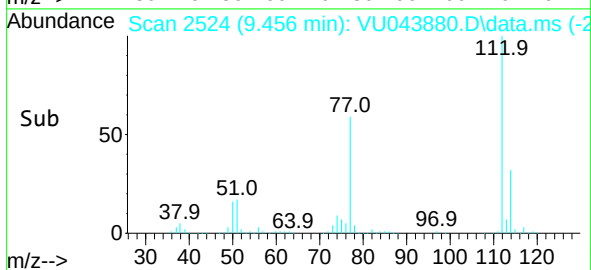
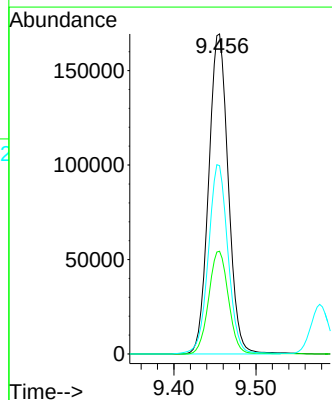
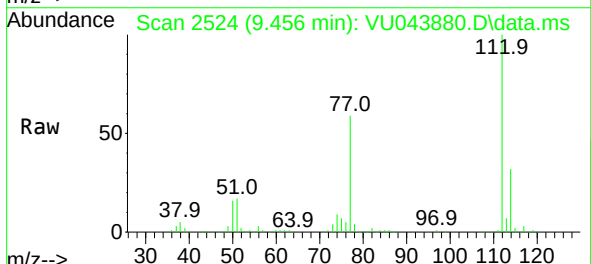
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

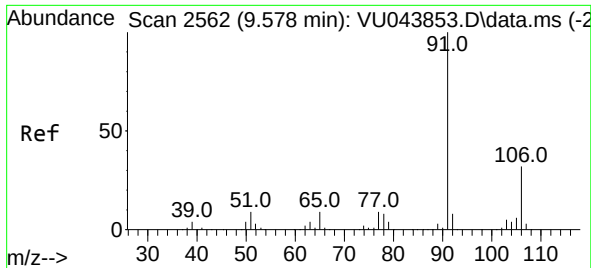
Tgt Ion:	107	Resp:	78134
Ion	Ratio	Lower	Upper
107	100		
109	92.2	67.7	125.7
188	4.1	3.3	4.9



#51
Chlorobenzene
Concen: 4.98 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion:	112	Resp:	280769
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.3	41.5
77	58.8	47.8	71.8

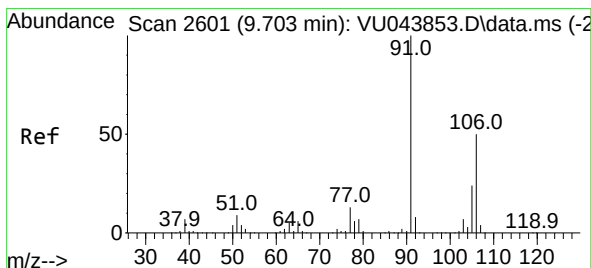
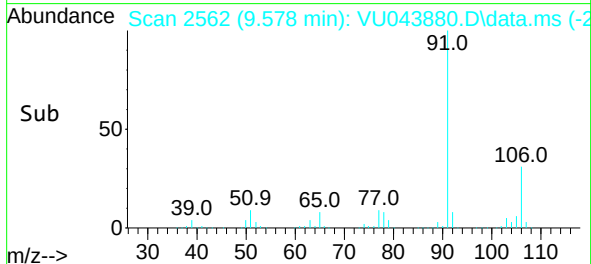
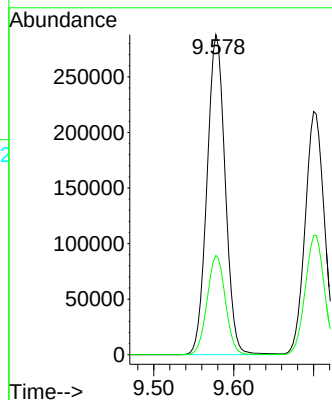
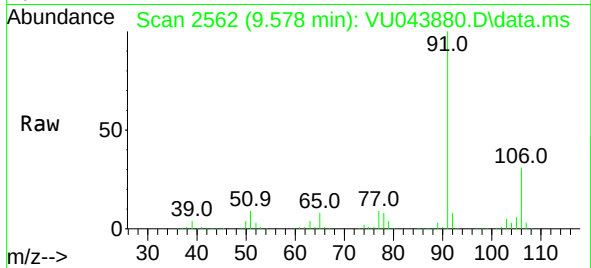




#52
Ethylbenzene
Concen: 4.93 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

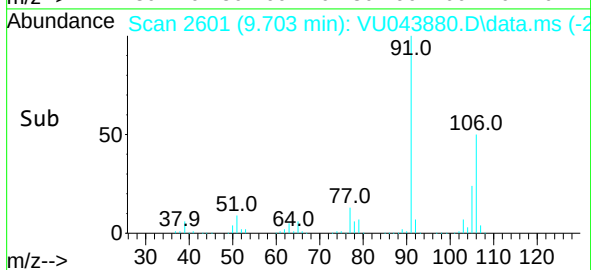
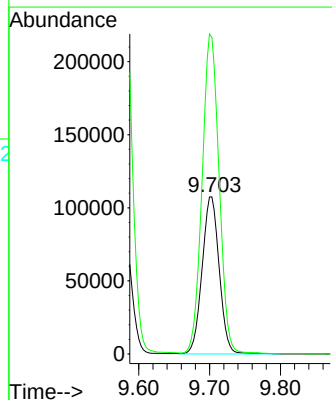
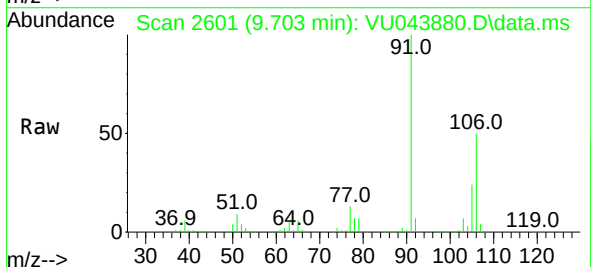
Instrument :
MSVOA_U
ClientSampled :
VSTD005152

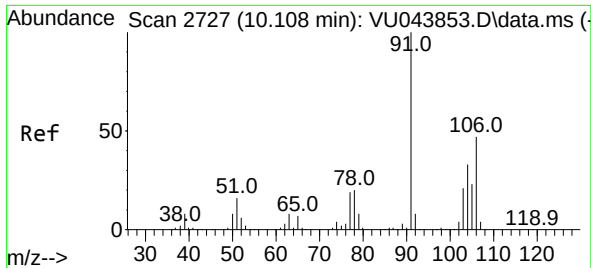
Tgt Ion: 91 Resp: 456214
Ion Ratio Lower Upper
91 100
106 31.0 21.7 40.3



#53
m,p-Xylene
Concen: 5.12 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion: 106 Resp: 179949
Ion Ratio Lower Upper
106 100
91 201.4 144.4 268.2

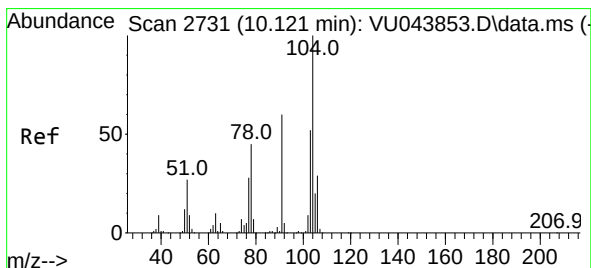
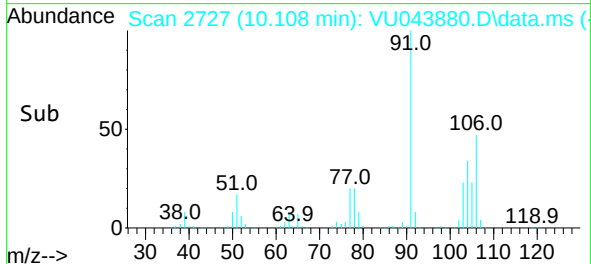
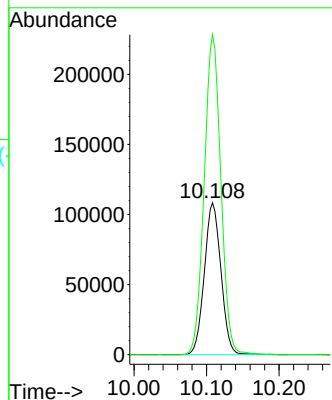
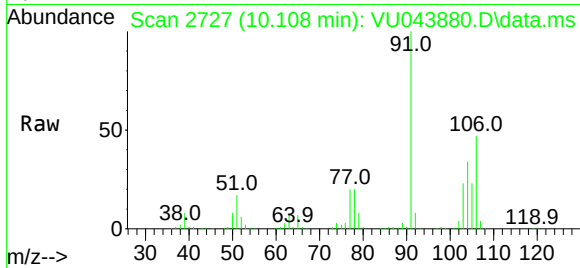




#54
o-Xylene
Concen: 5.14 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

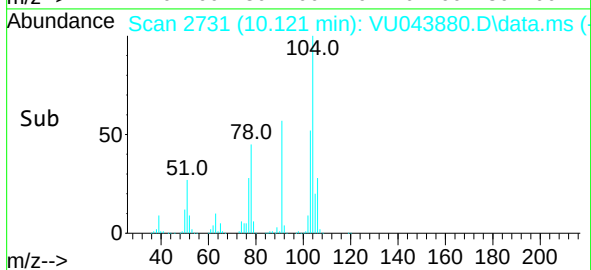
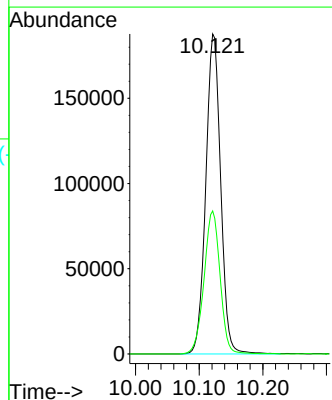
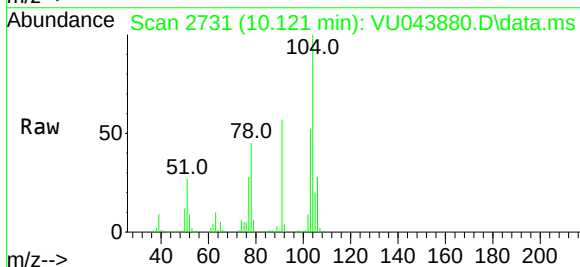
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

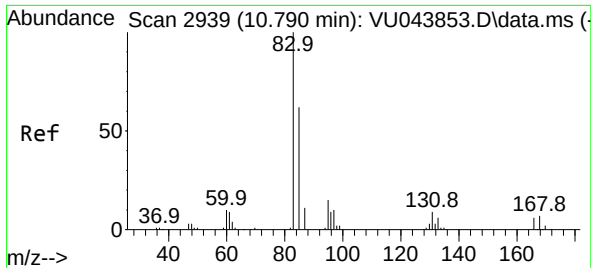
Tgt Ion:106 Resp: 172407
Ion Ratio Lower Upper
106 100
91 210.8 150.8 280.0



#55
Styrene
Concen: 5.38 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion:104 Resp: 304761
Ion Ratio Lower Upper
104 100
78 44.7 31.8 59.0

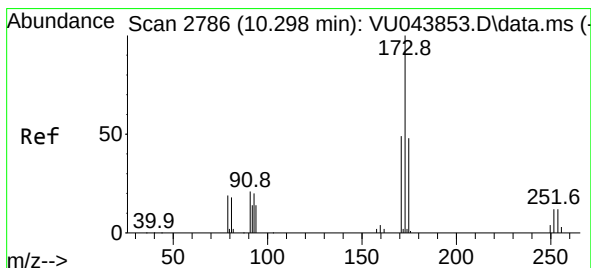
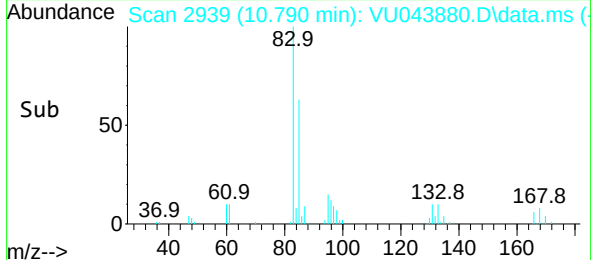
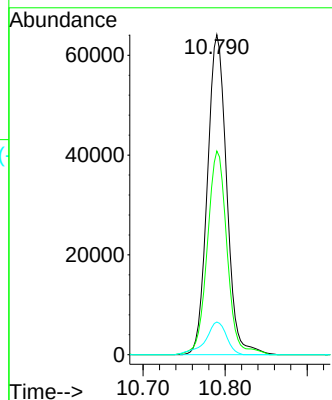
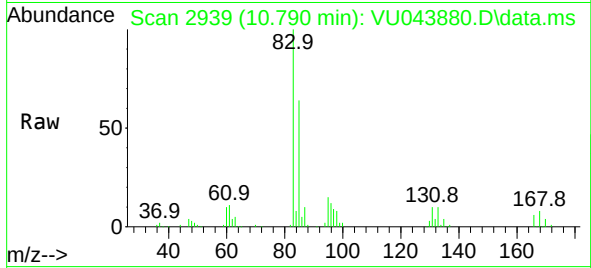




#57
1,1,2,2-Tetrachloroethane
Concen: 5.09 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

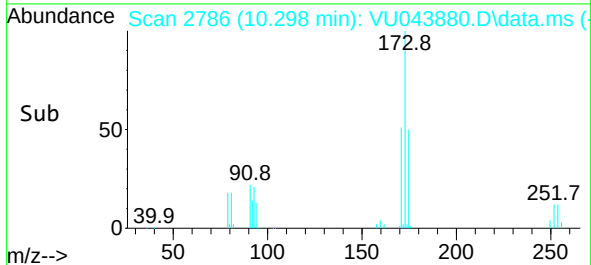
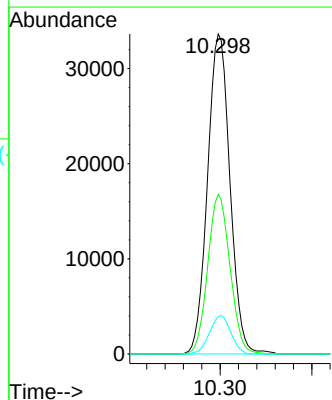
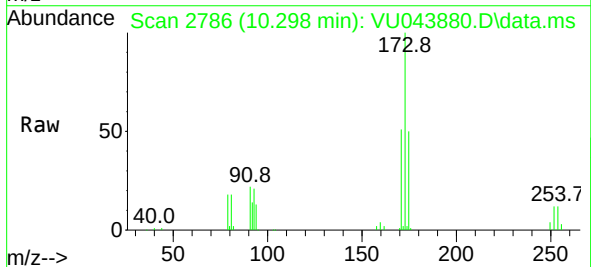
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

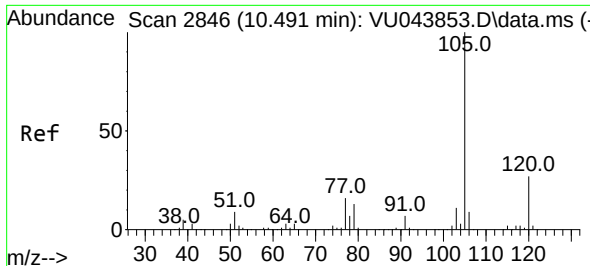
Tgt Ion:	83	Resp:	104543
Ion	Ratio	Lower	Upper
83	100		
85	63.6	45.1	83.7
131	10.2	7.6	11.4



#59
Bromoform
Concen: 5.05 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion:	173	Resp:	57117
Ion	Ratio	Lower	Upper
173	100		
175	49.4	38.8	58.2
254	11.4	9.4	14.2

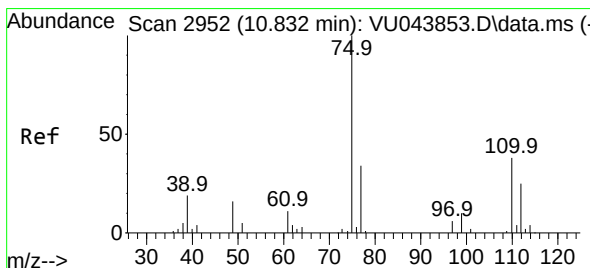
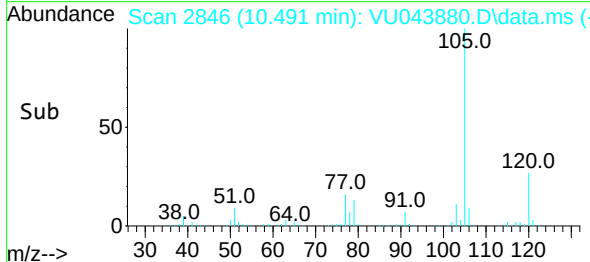
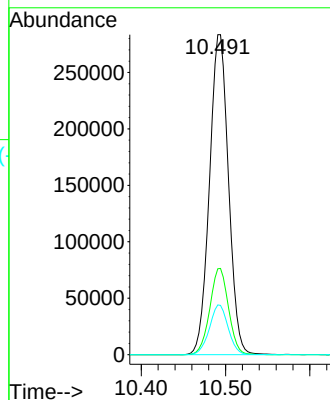
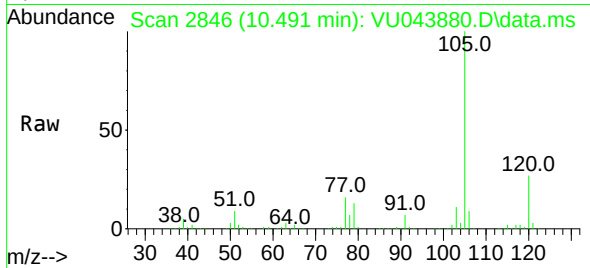




#60
Isopropylbenzene
Concen: 4.81 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

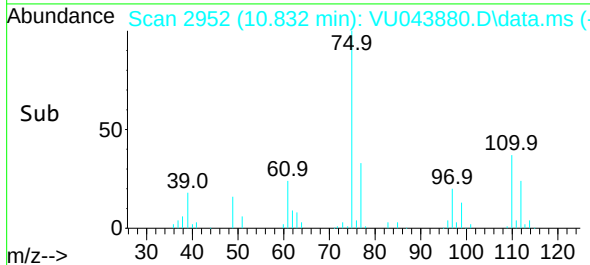
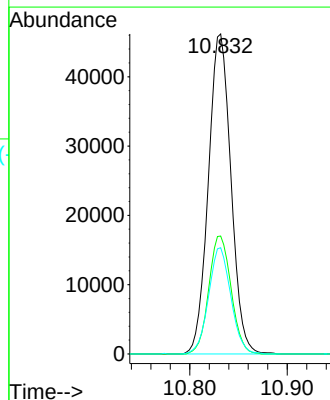
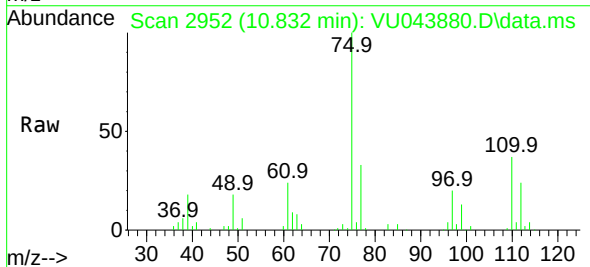
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

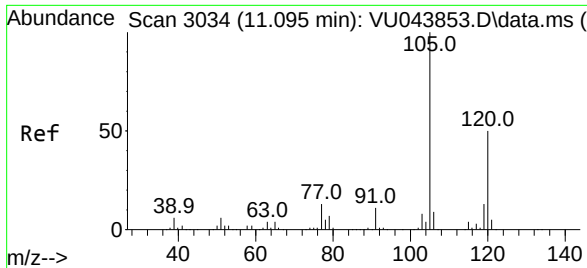
Tgt Ion:105 Resp: 443818
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 15.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.63 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion: 75 Resp: 74360
Ion Ratio Lower Upper
75 100
110 36.4 27.9 41.9
77 32.7 25.9 38.9

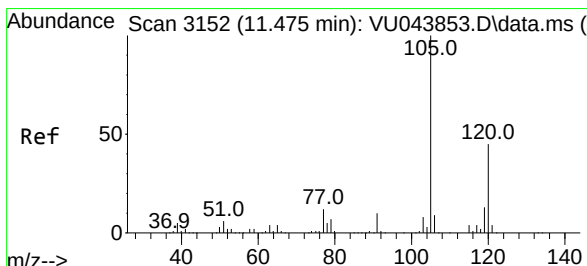
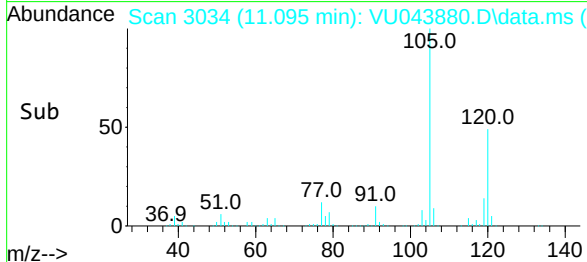
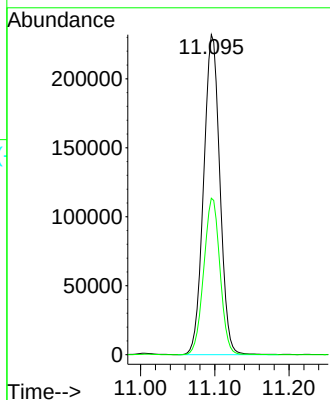
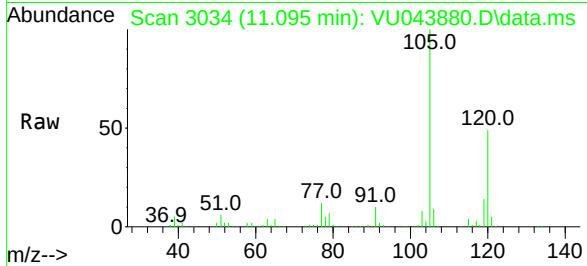




#62
1,3,5-Trimethylbenzene
Concen: 4.74 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

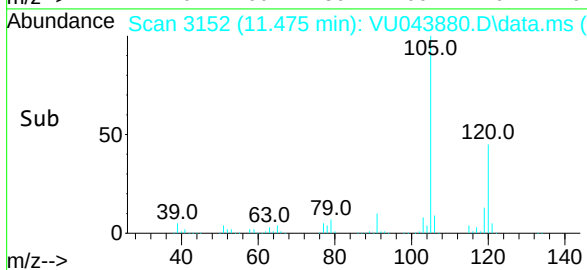
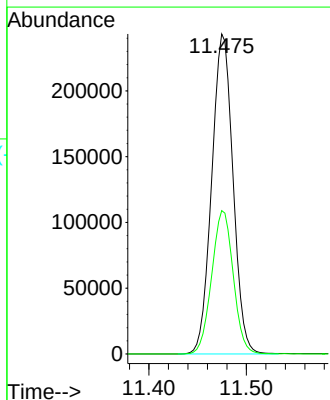
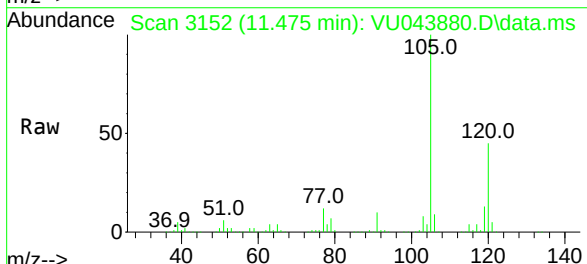
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

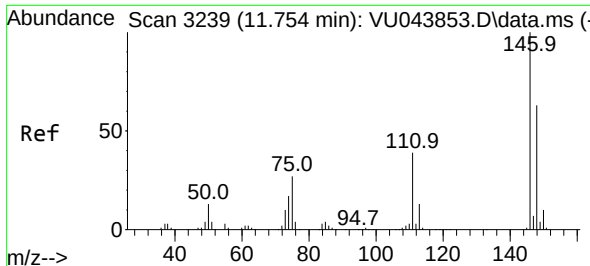
Tgt Ion:105 Resp: 351784
Ion Ratio Lower Upper
105 100
120 48.9 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 4.85 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion:105 Resp: 369108
Ion Ratio Lower Upper
105 100
120 45.3 36.0 54.0

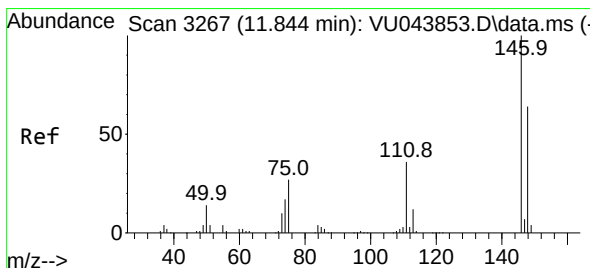
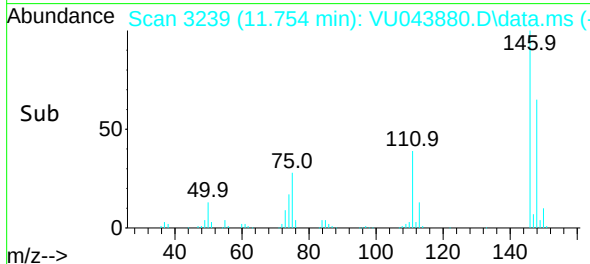
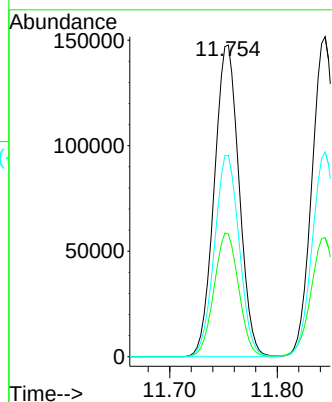
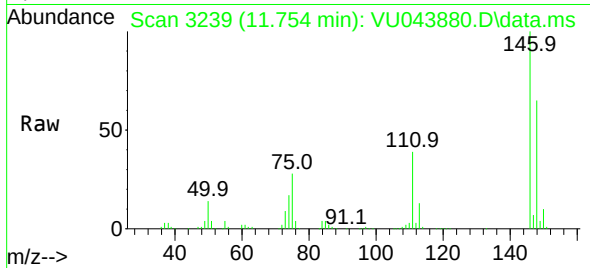




#64
1,3-Dichlorobenzene
Concen: 4.98 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

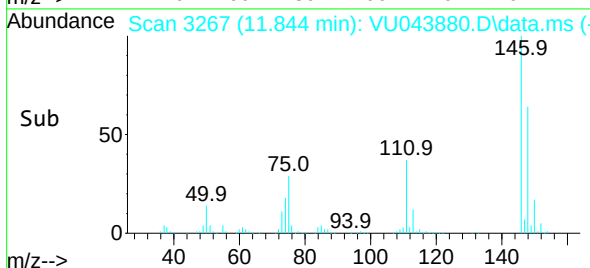
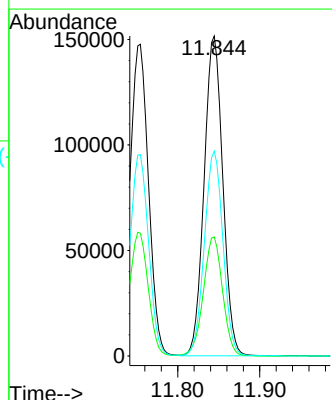
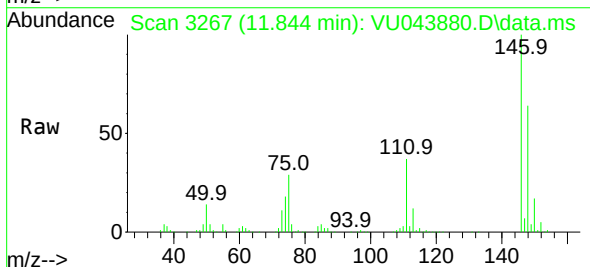
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

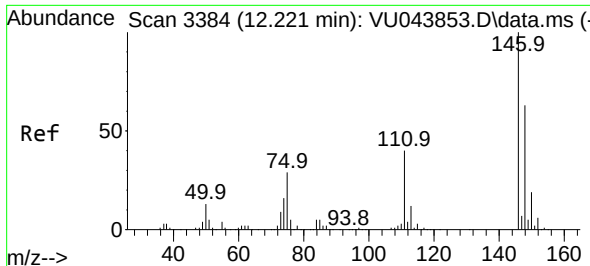
Tgt Ion:146 Resp: 236784
Ion Ratio Lower Upper
146 100
111 39.4 28.1 52.1
148 64.6 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 5.02 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion:146 Resp: 239668
Ion Ratio Lower Upper
146 100
111 37.2 27.0 50.2
148 64.0 45.0 83.6

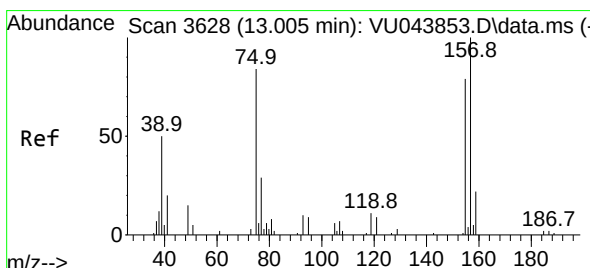
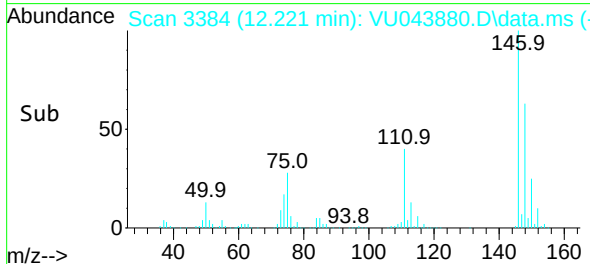
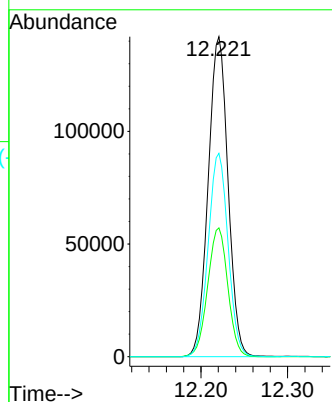
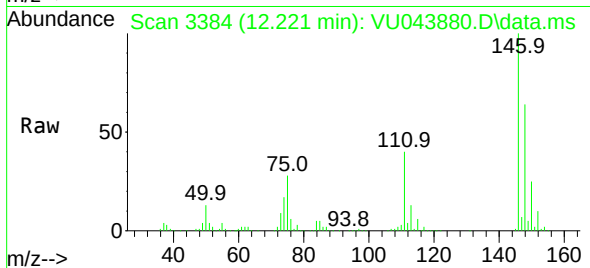




#67
1,2-Dichlorobenzene
Concen: 4.95 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

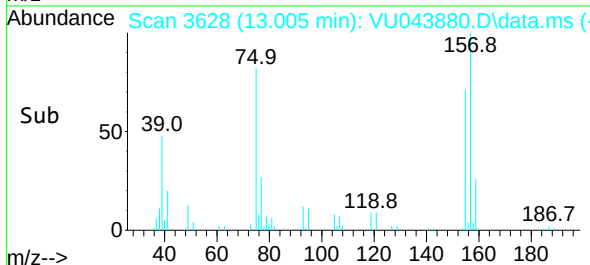
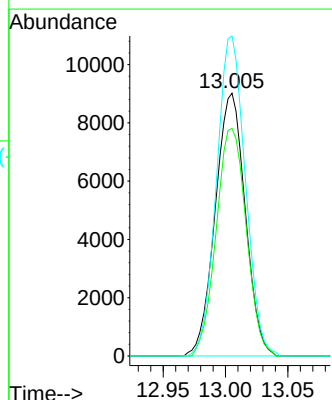
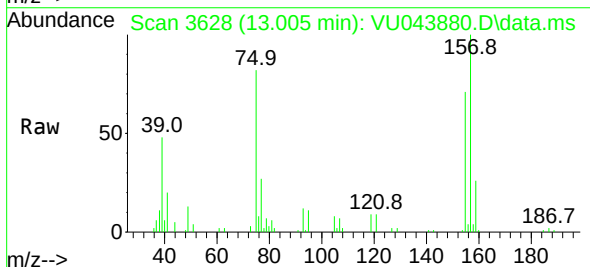
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

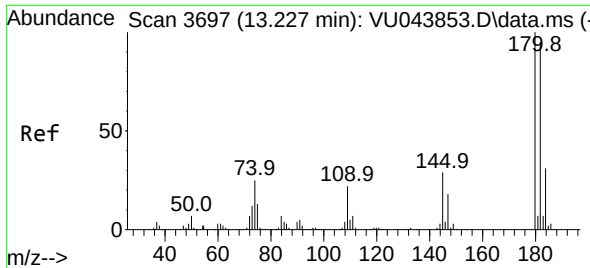
Tgt Ion:146 Resp: 226089
Ion Ratio Lower Upper
146 100
111 40.2 33.6 50.4
148 63.5 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.58 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion: 75 Resp: 15090
Ion Ratio Lower Upper
75 100
155 86.6 68.7 103.1
157 121.8 87.7 131.5

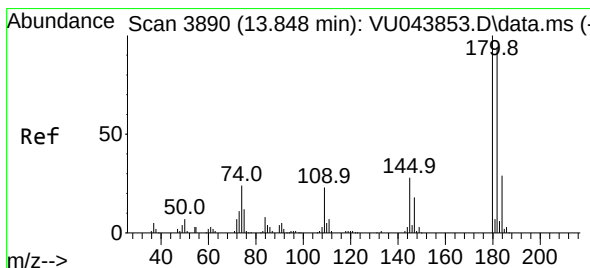
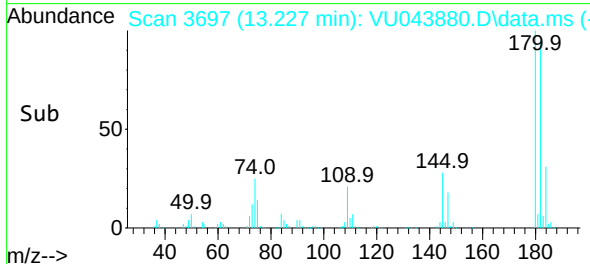
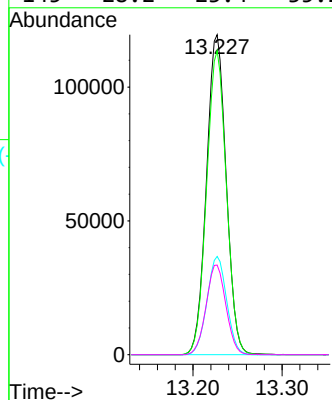
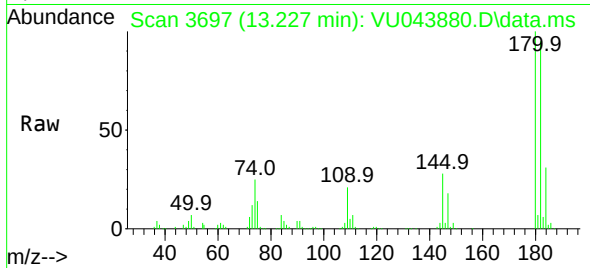




#69
1,3,5-Trichlorobenzene
Concen: 4.83 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

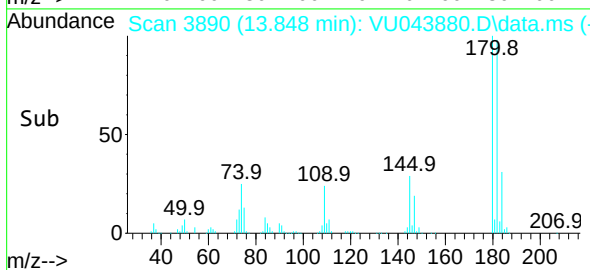
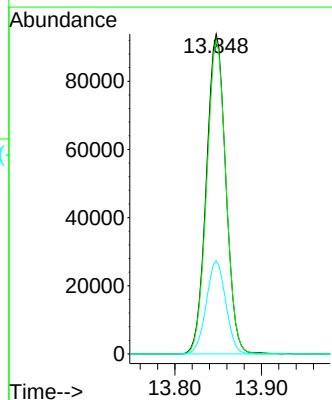
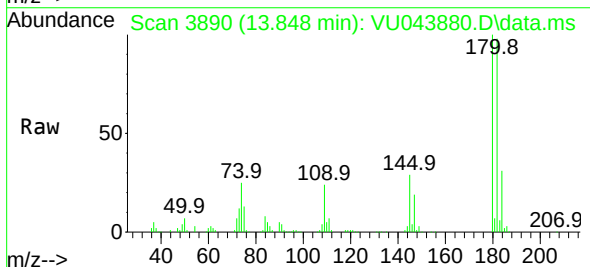
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

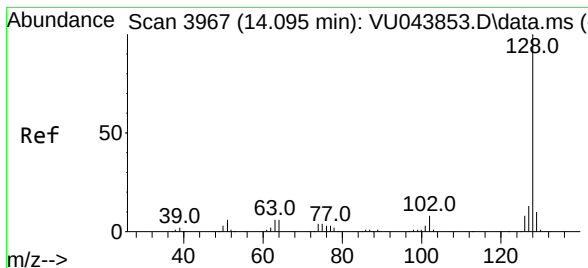
Tgt Ion:180 Resp: 183119
Ion Ratio Lower Upper
180 100
182 95.3 78.2 117.2
184 30.7 24.8 37.2
145 28.2 23.4 35.2



#70
1,2,4-trichlorobenzene
Concen: 4.67 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion:180 Resp: 146072
Ion Ratio Lower Upper
180 100
182 96.9 76.9 115.3
145 29.2 23.0 34.4

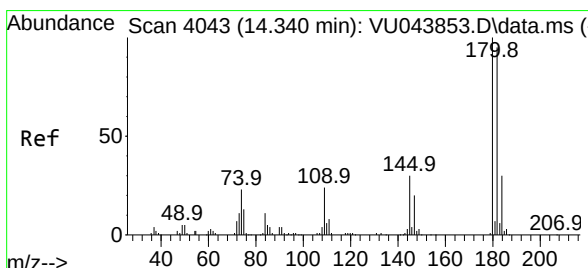
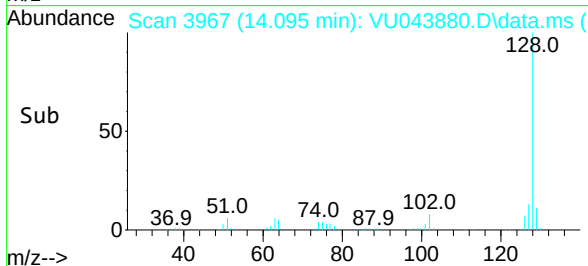
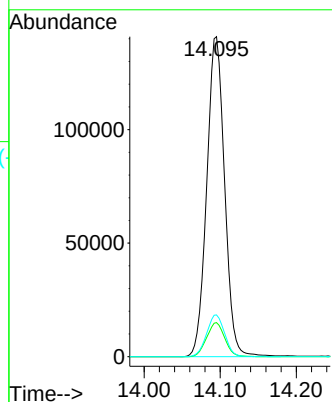
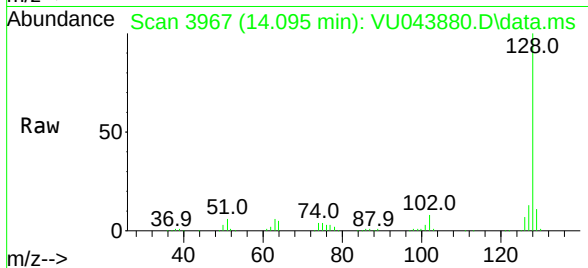




#71
Naphthalene
Concen: 4.18 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

Tgt Ion:128 Resp: 230271
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.76 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU043880.D
Acq: 21 May 2021 10:05

Tgt Ion:180 Resp: 141168
Ion Ratio Lower Upper
180 100
182 93.7 77.0 115.4
145 30.8 24.6 36.8

