

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045110.D
 Acq On : 04 Oct 2021 21:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050085

Quant Time: Oct 05 02:49:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	330262	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	310947	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	156127	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	147921	40.914	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.820%
7) Chloroethane-d5	1.900	69	65091	22.720	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.440%#
11) 1,1-Dichloroethene-d2	2.568	63	263475	43.395	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.800%
21) 2-Butanone-d5	4.633	46	268374	93.895	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.890%
24) Chloroform-d	5.067	84	255395	44.727	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.460%
26) 1,2-Dichloroethane-d4	5.706	65	174002	44.987	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.980%
32) Benzene-d6	5.732	84	517735	47.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.960%
36) 1,2-Dichloropropane-d6	6.694	67	164380	46.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.440%
41) Toluene-d8	7.903	98	464509	49.886	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.780%
43) trans-1,3-Dichloroprop...	8.182	79	78425	50.112	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.220%
47) 2-Hexanone-d5	8.642	63	202624	103.927	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.930%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	266080	48.568	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.140%
66) 1,2-Dichlorobenzene-d4	12.195	152	173059	50.933	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	139372	44.073	ug/L	99
3) Chloromethane	1.520	50	161625	41.005	ug/L	100
5) Vinyl chloride	1.607	62	160601	41.588	ug/L	97
6) Bromomethane	1.848	94	58137	31.388	ug/L	99
8) Chloroethane	1.919	64	63980	26.398	ug/L	99
9) Trichlorofluoromethane	2.131	101	192671	43.591	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	116690	41.828	ug/L	100
12) 1,1-Dichloroethene	2.578	96	116804	45.671	ug/L	96
13) Acetone	2.639	43	162438	49.164	ug/L	99
14) Carbon disulfide	2.793	76	347676	42.434	ug/L	100
15) Methyl Acetate	2.954	43	177142	43.472	ug/L	96
16) Methylene chloride	3.047	84	140482	43.357	ug/L	93
17) trans-1,2-Dichloroethene	3.356	96	124269	46.126	ug/L	96
18) Methyl tert-butyl Ether	3.369	73	453255	51.022	ug/L	98
19) 1,1-Dichloroethane	3.874	63	249243	44.469	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	141922	47.806	ug/L	93
22) 2-Butanone	4.713	43	273326	73.914	ug/L	97
23) Bromochloromethane	4.980	128	68125	45.267	ug/L	93
25) Chloroform	5.092	83	247192	44.364	ug/L	100

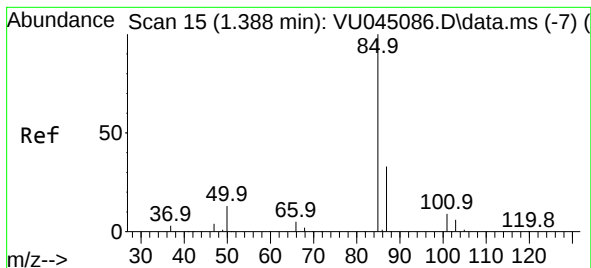
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 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	210208	45.105	ug/L	100
29) Cyclohexane	5.391	56	230318	49.277	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	206497	47.974	ug/L	98
31) Carbon tetrachloride	5.526	117	157736	46.397	ug/L	98
33) Benzene	5.777	78	557430	48.334	ug/L	100
34) Trichloroethene	6.546	95	135194	48.805	ug/L	99
35) Methylcyclohexane	6.768	83	224487	48.405	ug/L	97
37) 1,2-Dichloropropane	6.796	63	144770	46.104	ug/L	99
38) Bromodichloromethane	7.108	83	183761	47.742	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	223793	49.810	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	527113	100.490	ug/L	97
42) Toluene	7.973	91	580681	49.554	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	214501	50.209	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	137317	48.255	ug/L	99
46) Tetrachloroethene	8.555	164	93217	47.080	ug/L	96
48) 2-Hexanone	8.694	43	423525	91.052	ug/L	98
49) Dibromochloromethane	8.812	129	131755	46.815	ug/L	99
50) 1,2-Dibromoethane	8.928	107	147639	49.553	ug/L	98
51) Chlorobenzene	9.449	112	350407	48.438	ug/L	99
52) Ethylbenzene	9.574	91	626889	50.642	ug/L	100
53) m,p-Xylene	9.697	106	241850	51.574	ug/L	97
54) o-xylene	10.102	106	238124	51.675	ug/L	97
55) Styrene	10.118	104	406139	51.251	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	266877	48.980	ug/L	99
59) Bromoform	10.295	173	96636	49.907	ug/L	100
60) 1,2,3-Trichloropropane	10.828	75	216922	50.234	ug/L	99
61) Isopropylbenzene	10.488	105	617439	54.038	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	534611	56.025	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	548437	56.126	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	265027	50.191	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	267316	49.342	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	275211	50.770	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	65814	53.035	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	181463	49.519	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	163076	53.552	ug/L	100
71) Naphthalene	14.089	128	667987	63.302	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	166891	53.566	ug/L	98

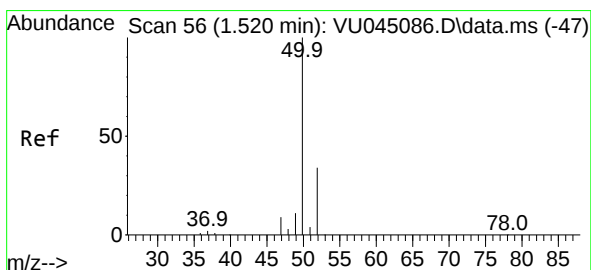
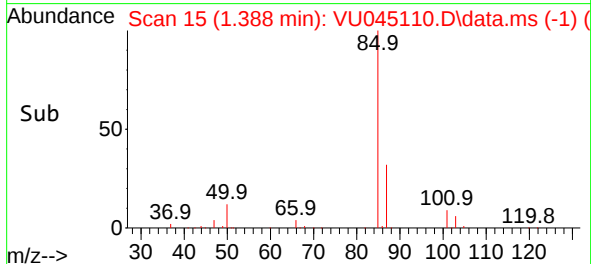
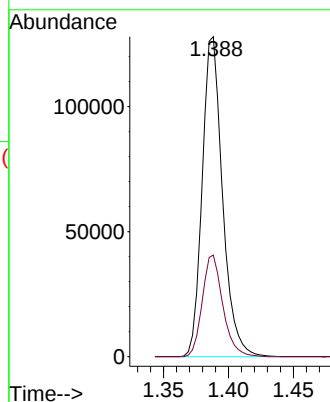
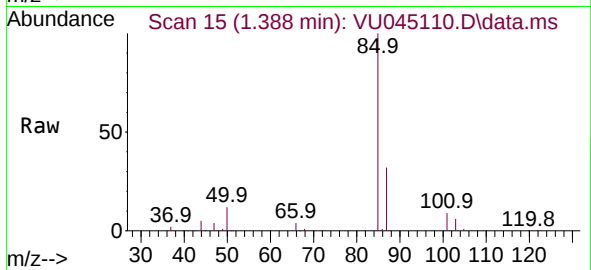
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#2
Dichlorodifluoromethane
Concen: 44.073 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

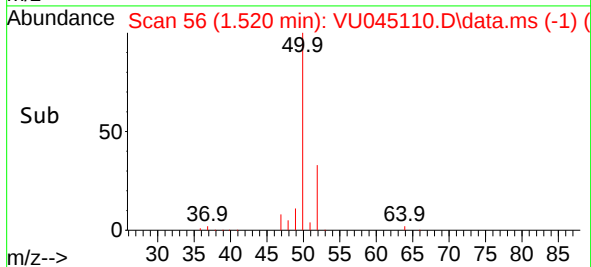
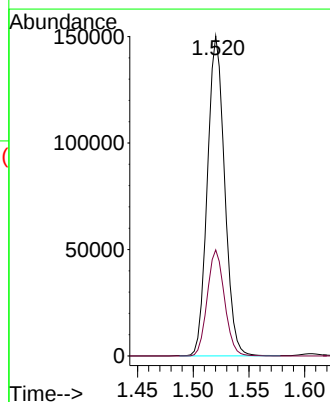
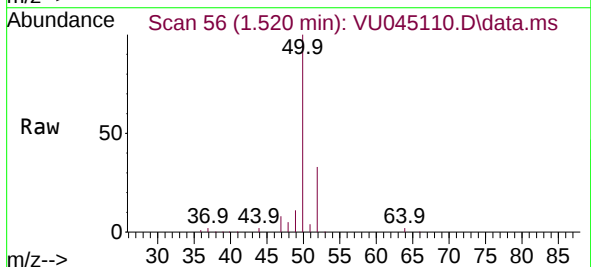
Instrument :
MSVOA_U
ClientSampleId :
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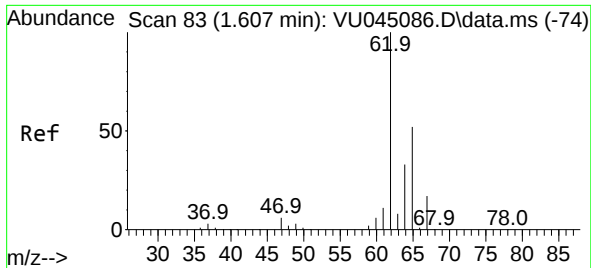
Tgt Ion: 85 Resp: 139372
Ion Ratio Lower Upper
85 100
87 32.1 25.2 37.8



#3
Chloromethane
Concen: 41.005 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 50 Resp: 161625
Ion Ratio Lower Upper
50 100
52 33.2 23.0 42.8

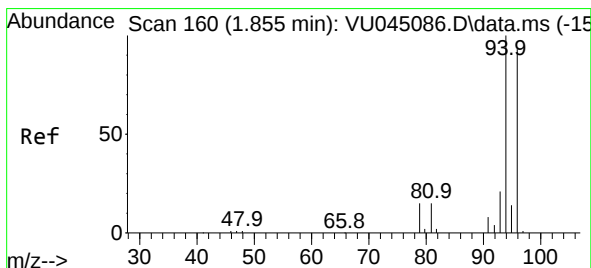
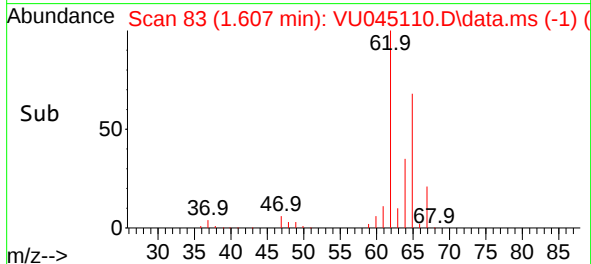
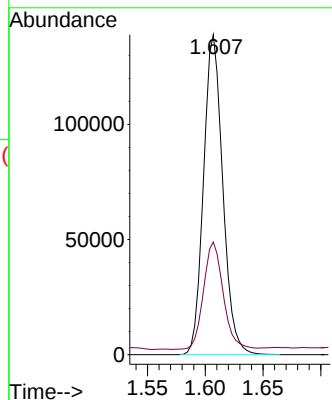
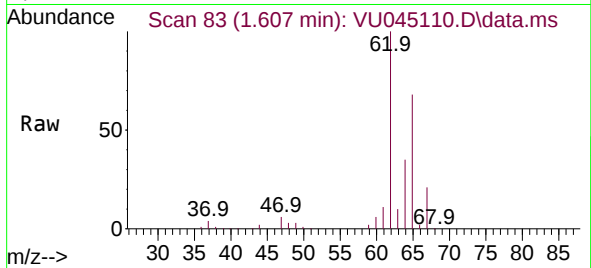




#5
 Vinyl chloride
 Concen: 41.588 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU045110.D
 Acq: 04 Oct 2021 21:01

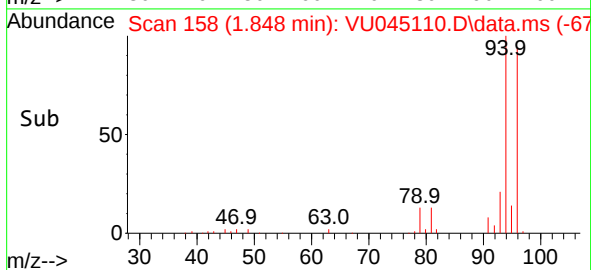
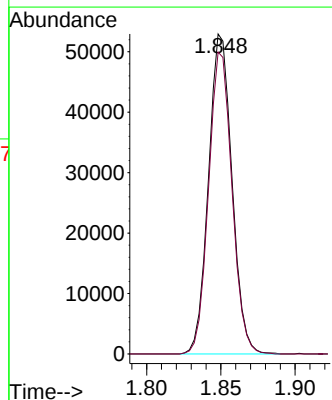
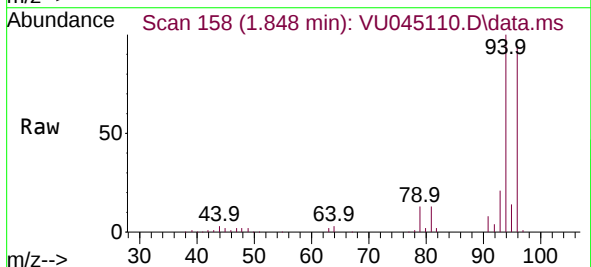
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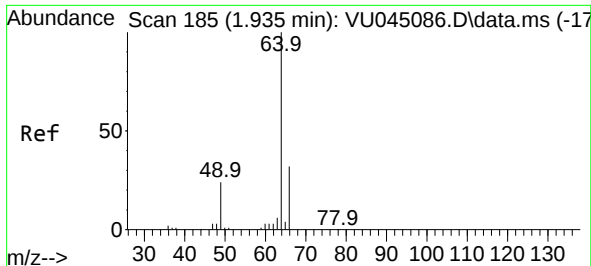
Tgt Ion: 62 Resp: 160601
 Ion Ratio Lower Upper
 62 100
 64 35.2 23.4 43.6



#6
 Bromomethane
 Concen: 31.388 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. -0.006 min
 Lab File: VU045110.D
 Acq: 04 Oct 2021 21:01

Tgt Ion: 94 Resp: 58137
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.7 121.9

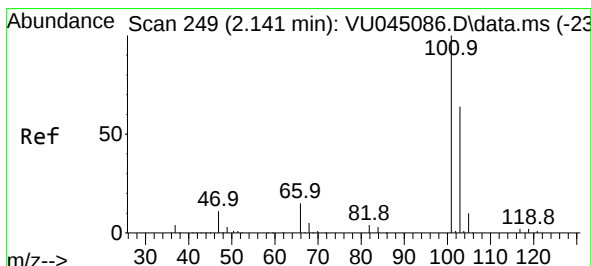
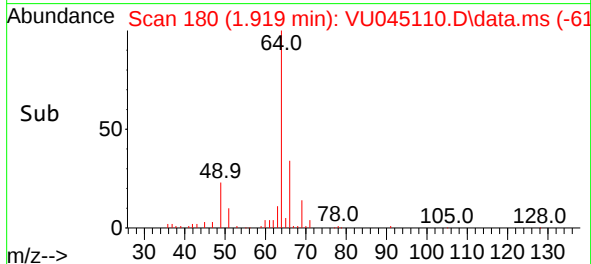
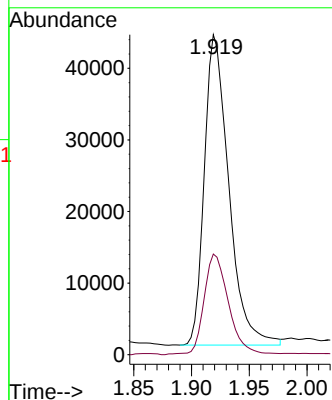
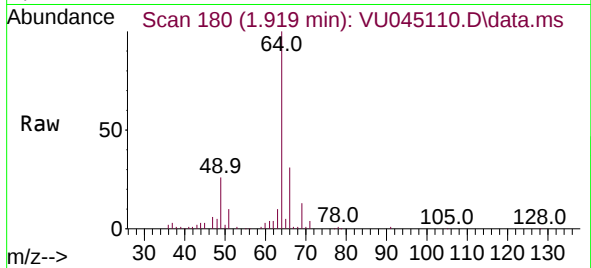




#8
Chloroethane
Concen: 26.398 ug/L
RT: 1.919 min Scan# 180
Delta R.T. -0.016 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

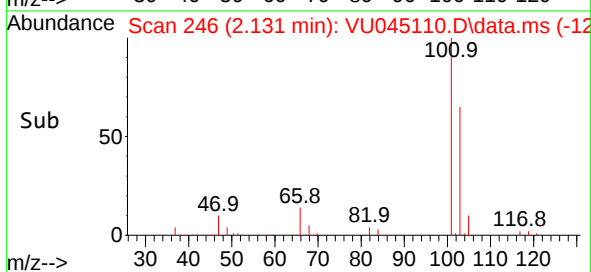
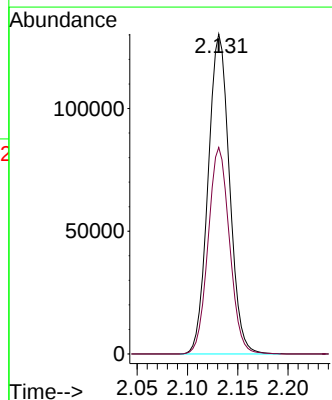
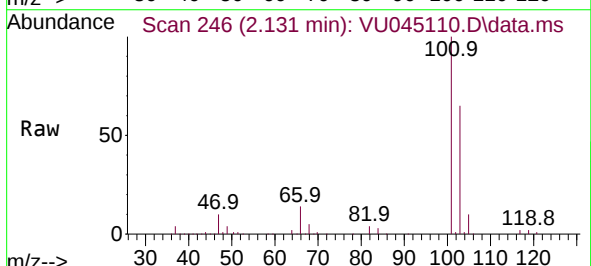
Instrument :
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ClientSampleId :
VSTD050085

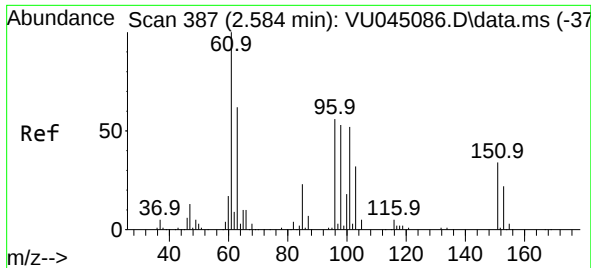
Tgt Ion: 64 Resp: 63980
Ion Ratio Lower Upper
64 100
66 31.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 43.591 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.010 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion:101 Resp: 192671
Ion Ratio Lower Upper
101 100
103 64.5 50.9 76.3

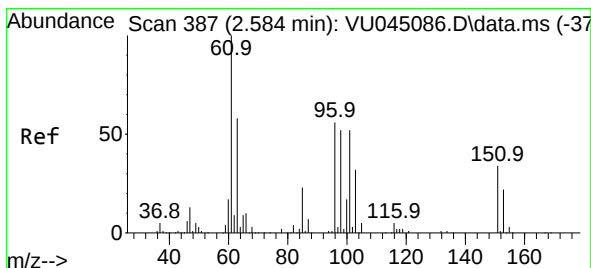
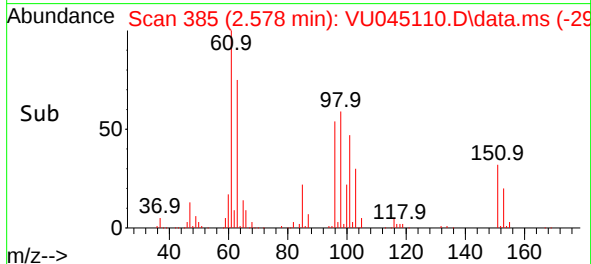
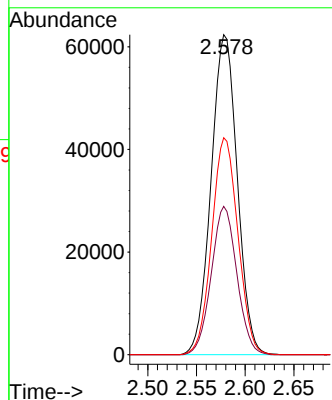
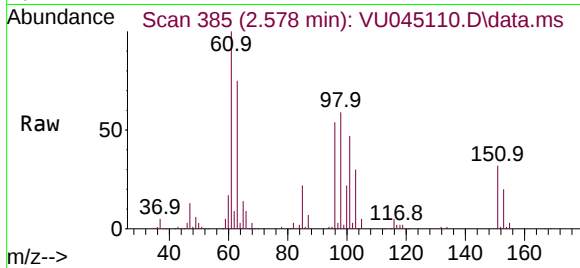




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 41.828 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.006 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

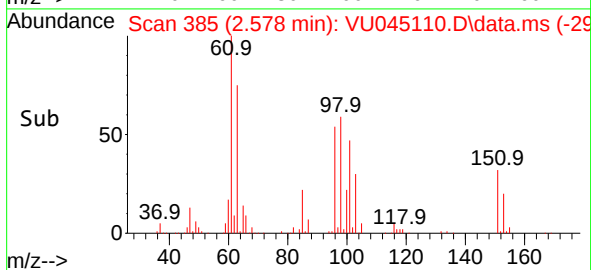
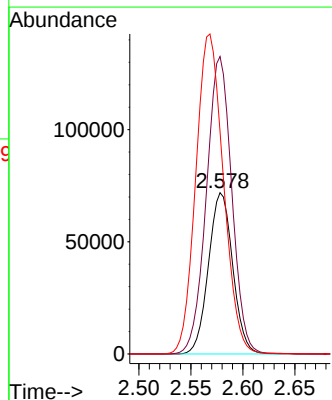
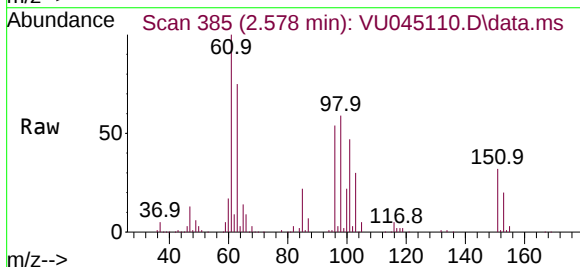
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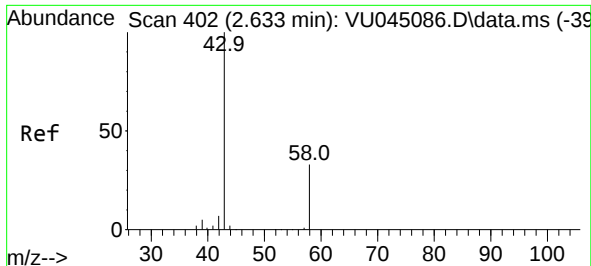
Tgt Ion:101 Resp: 116690
Ion Ratio Lower Upper
101 100
85 45.3 36.4 54.6
151 67.8 54.4 81.6



#12
1,1-Dichloroethene
Concen: 45.671 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.006 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 96 Resp: 116804
Ion Ratio Lower Upper
96 100
61 184.4 131.3 243.9
63 137.9 102.5 190.3

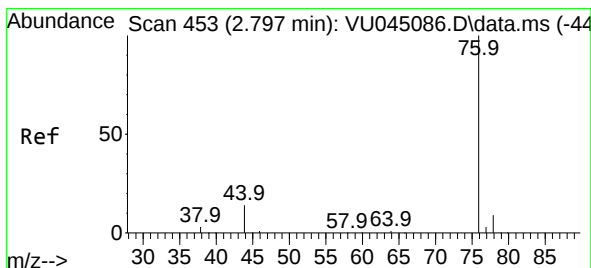
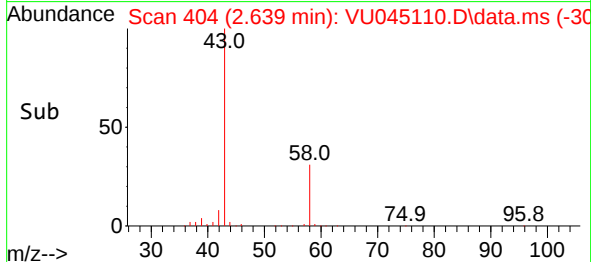
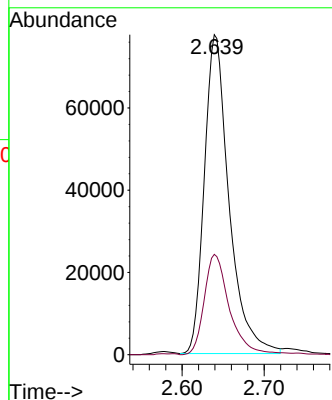
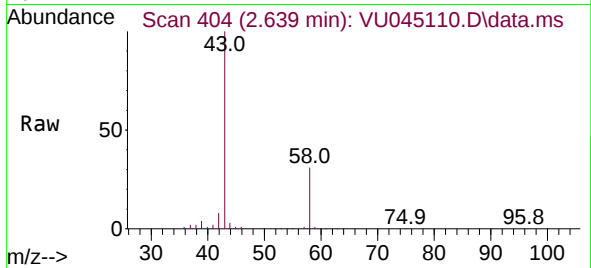




#13
Acetone
Concen: 49.164 ug/L
RT: 2.639 min Scan# 404
Delta R.T. 0.006 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

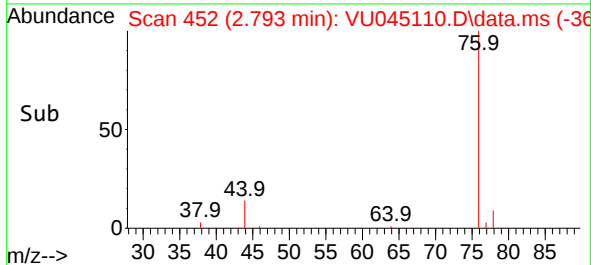
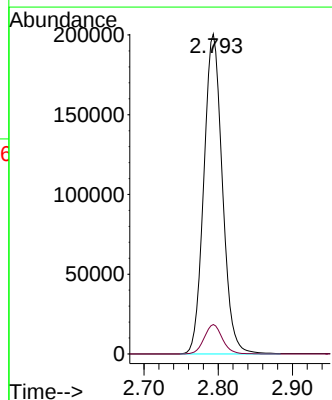
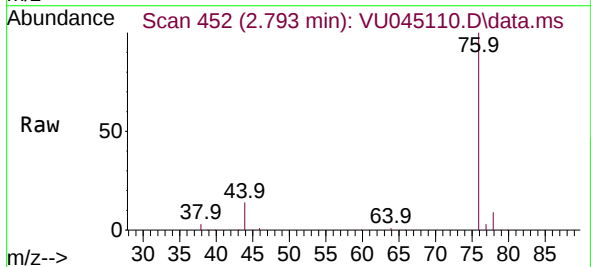
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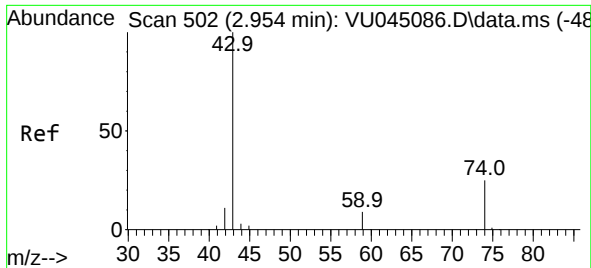
Tgt Ion: 43 Resp: 162438
Ion Ratio Lower Upper
43 100
58 32.1 0.0 62.8



#14
Carbon disulfide
Concen: 42.434 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.003 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 76 Resp: 347676
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

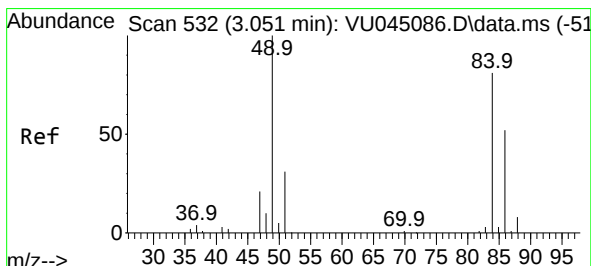
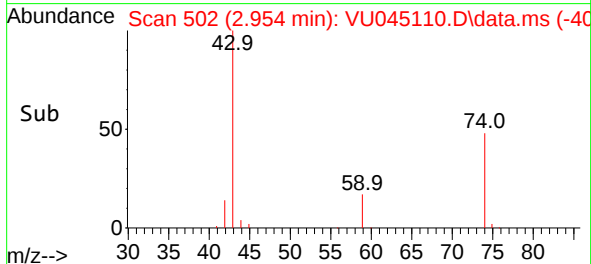
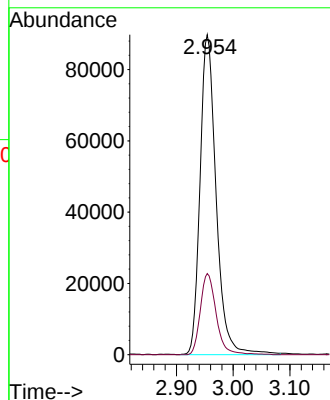
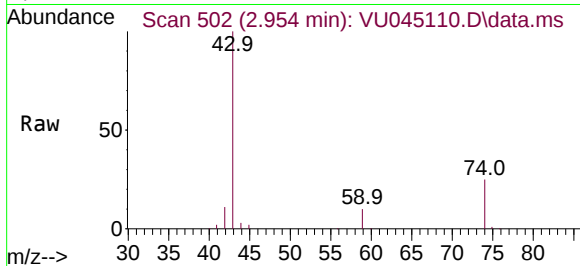




#15
Methyl Acetate
Concen: 43.472 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

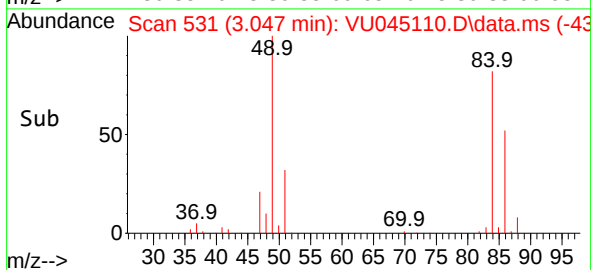
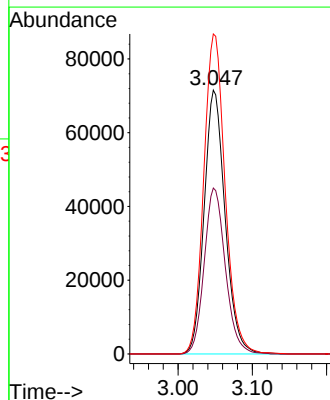
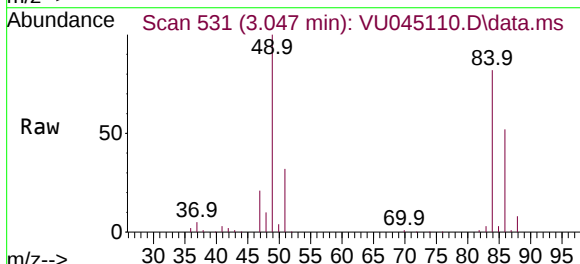
Instrument :
MSVOA_U
ClientSampleId :
VSTD050085

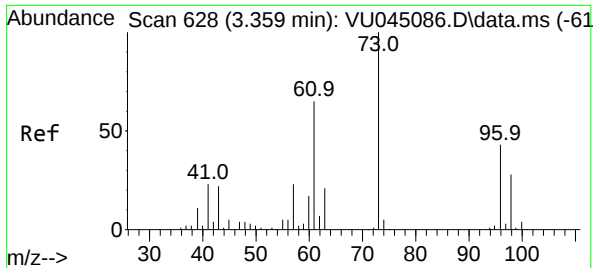
Tgt Ion: 43 Resp: 177142
Ion Ratio Lower Upper
43 100
74 24.7 18.4 27.6



#16
Methylene chloride
Concen: 43.357 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 84 Resp: 140482
Ion Ratio Lower Upper
84 100
86 62.9 44.7 83.1
49 121.2 92.9 172.5

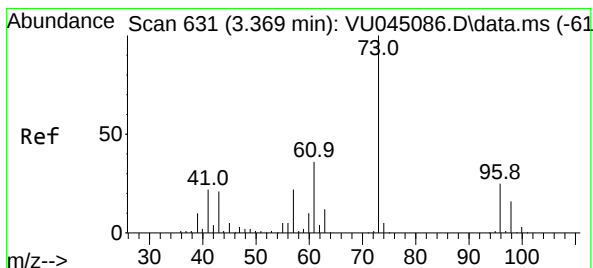
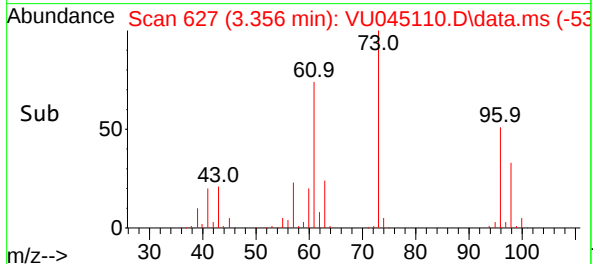
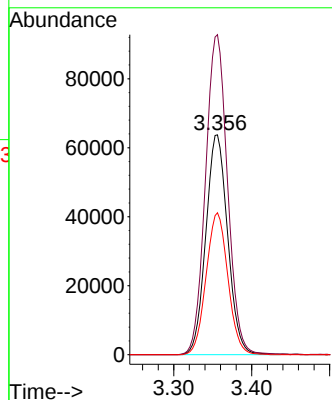
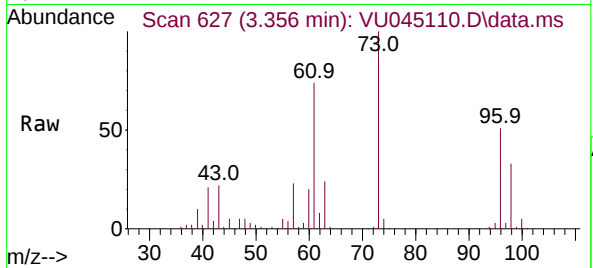




#17
trans-1,2-Dichloroethene
Concen: 46.126 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

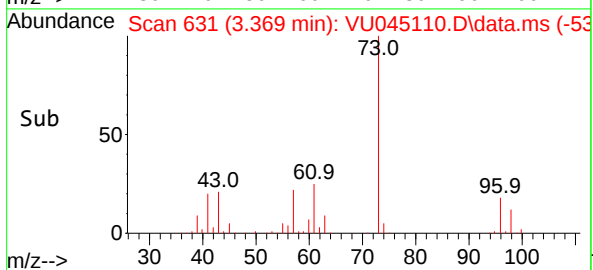
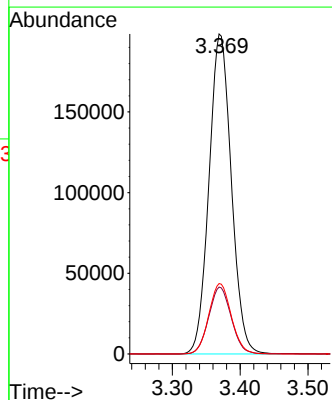
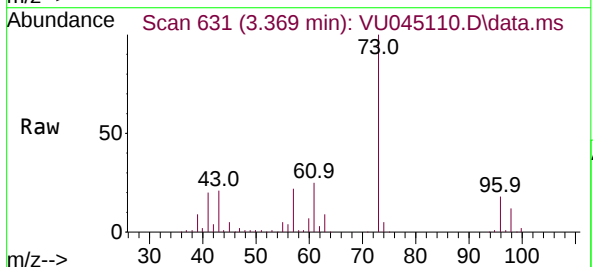
Instrument :
MSVOA_U
ClientSampleId :
VSTD050085

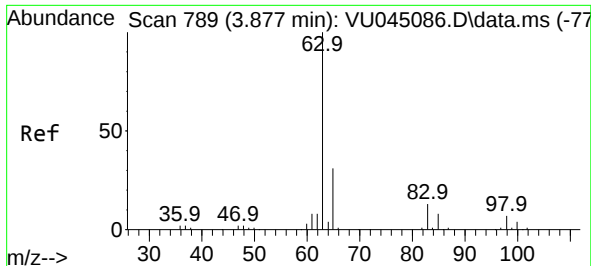
Tgt Ion: 96 Resp: 124269
Ion Ratio Lower Upper
96 100
61 145.6 105.1 195.3
98 64.6 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 51.022 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 73 Resp: 453255
Ion Ratio Lower Upper
73 100
43 21.1 17.3 25.9
57 22.1 18.7 28.1

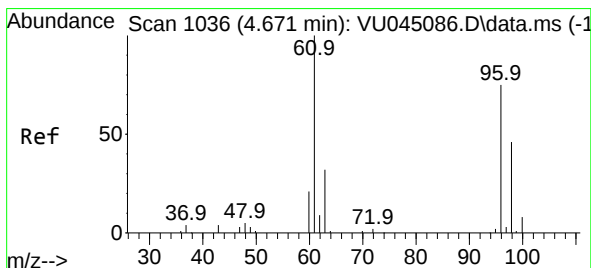
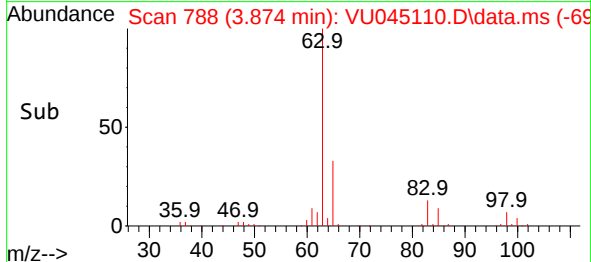
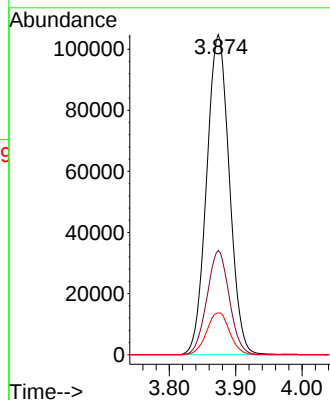
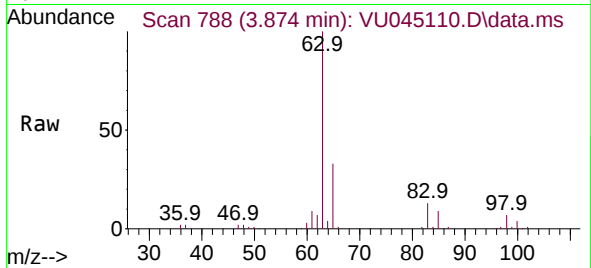




#19
1,1-Dichloroethane
Concen: 44.469 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

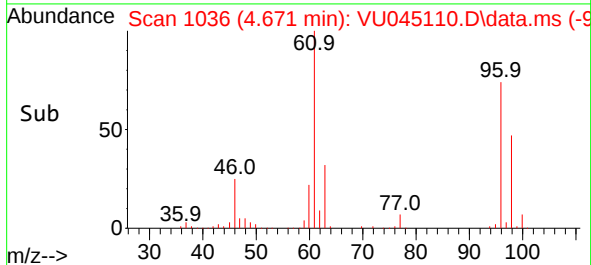
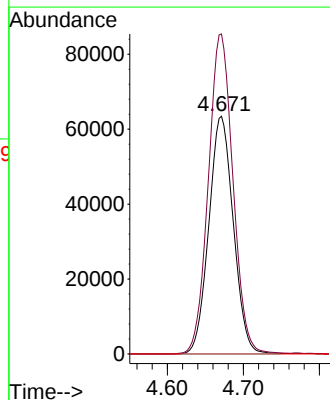
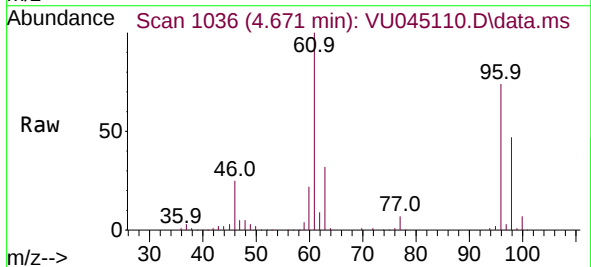
Instrument :
MSVOA_U
ClientSampleId :
VSTD050085

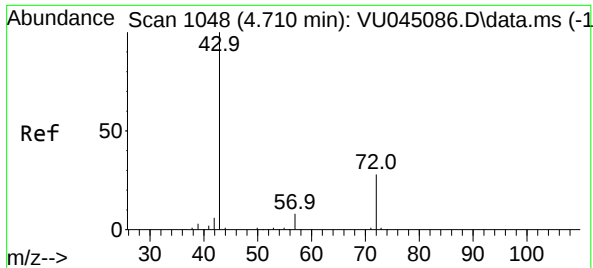
Tgt Ion: 63 Resp: 249243
Ion Ratio Lower Upper
63 100
65 32.6 22.0 40.8
83 13.0 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 47.806 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 96 Resp: 141922
Ion Ratio Lower Upper
96 100
61 134.6 100.2 186.0
68 0.0 0.0 0.0

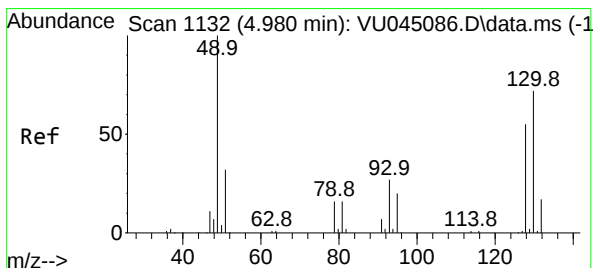
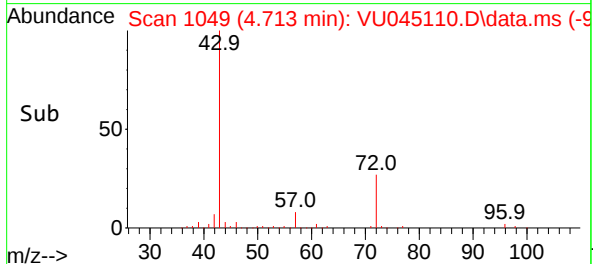
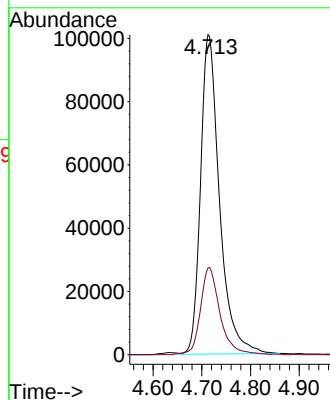
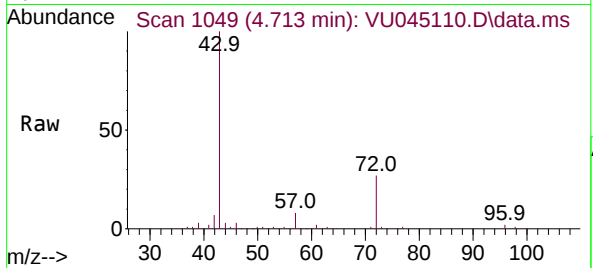




#22
2-Butanone
Concen: 73.914 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

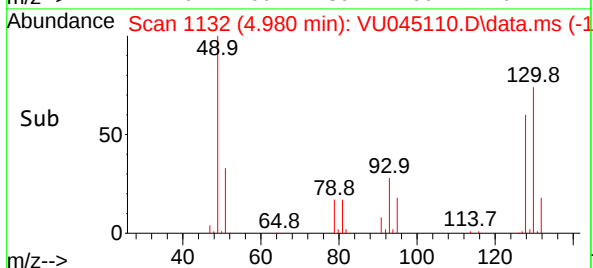
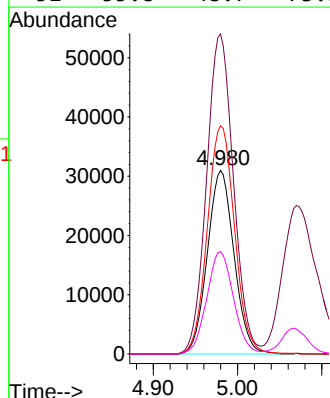
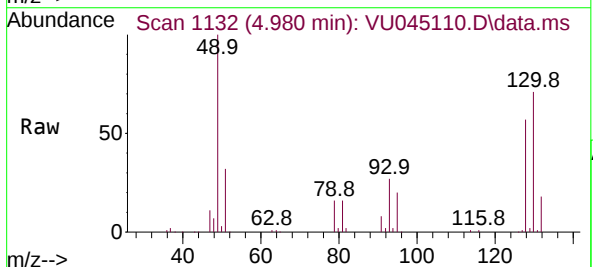
Instrument :
MSVOA_U
ClientSampleId :
VSTD050085

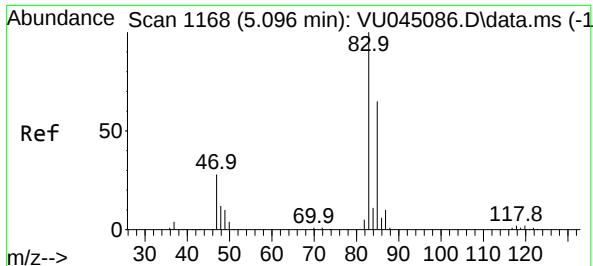
Tgt Ion: 43 Resp: 273326
Ion Ratio Lower Upper
43 100
72 28.1 13.3 39.9



#23
Bromochloromethane
Concen: 45.267 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion:128 Resp: 68125
Ion Ratio Lower Upper
128 100
49 174.3 132.9 246.7
130 124.2 88.2 163.8
51 55.8 48.7 73.1



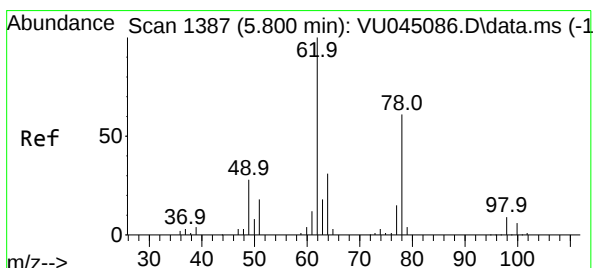
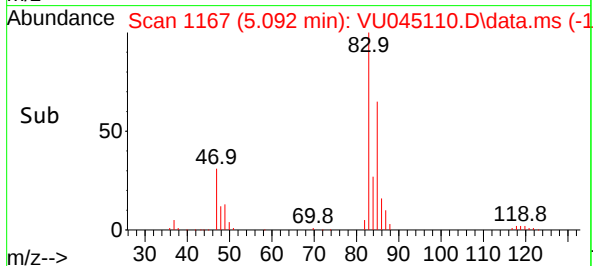
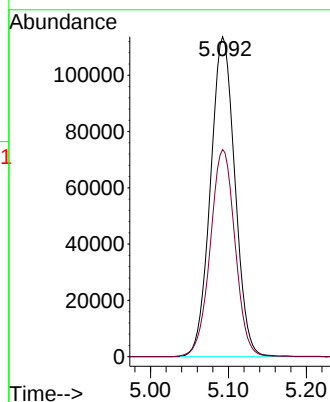
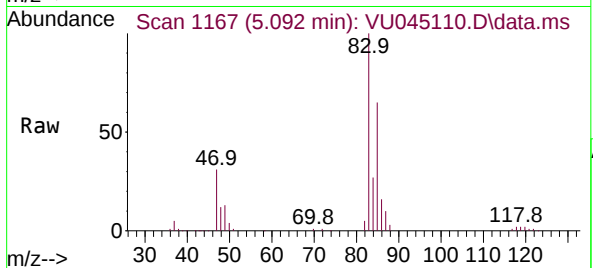


#25

Chloroform
Concen: 44.364 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD050085

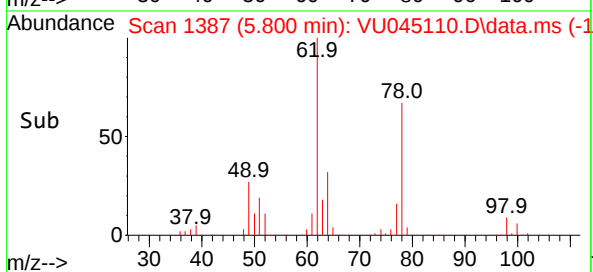
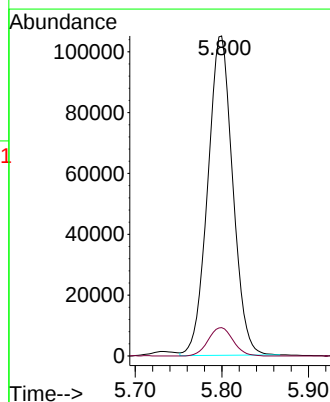
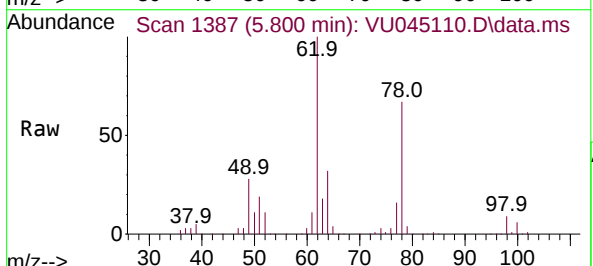
Tgt Ion: 83 Resp: 247192
Ion Ratio Lower Upper
83 100
85 64.7 45.6 84.6

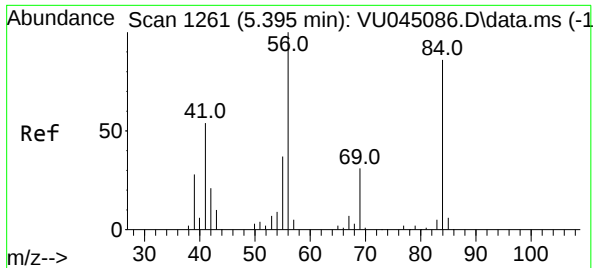


#27

1,2-Dichloroethane
Concen: 45.105 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 62 Resp: 210208
Ion Ratio Lower Upper
62 100
98 8.8 7.1 10.7





#29

Cyclohexane

Concen: 49.277 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU045110.D

Acq: 04 Oct 2021 21:01

Tgt Ion: 56 Resp: 230318

Ion Ratio Lower Upper

56 100

69 31.1 23.8 35.8

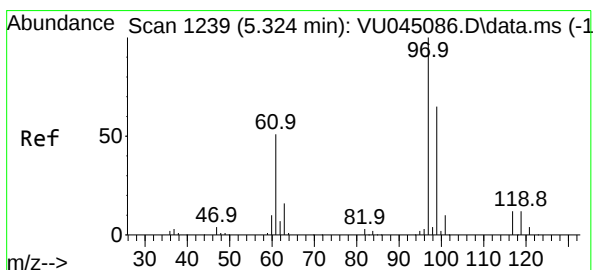
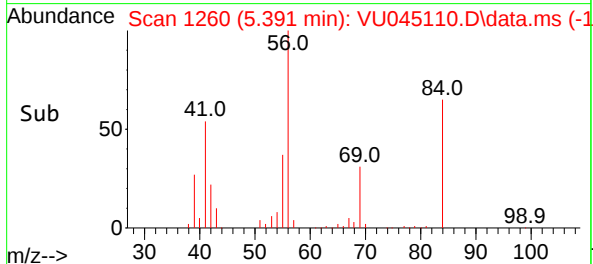
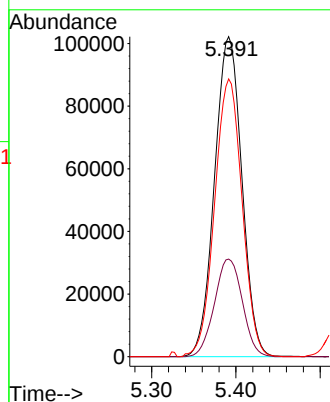
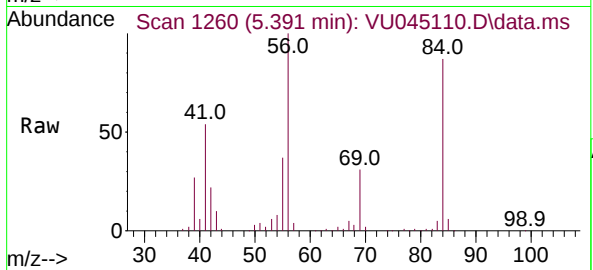
84 87.2 66.8 100.2

Instrument :

MSVOA_U

ClientSampleId :

VSTD050085



#30

1,1,1-Trichloroethane

Concen: 47.974 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU045110.D

Acq: 04 Oct 2021 21:01

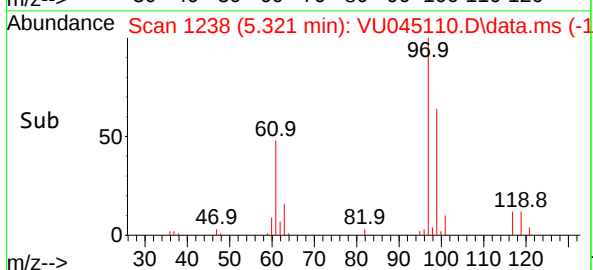
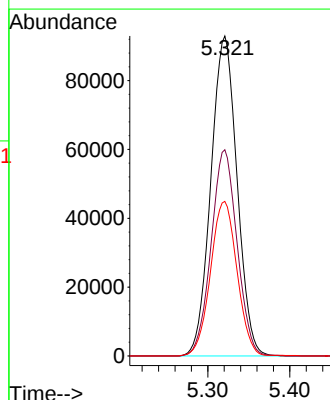
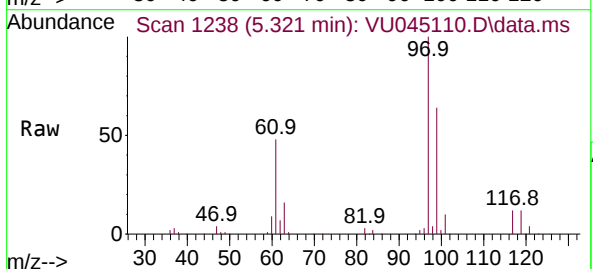
Tgt Ion: 97 Resp: 206497

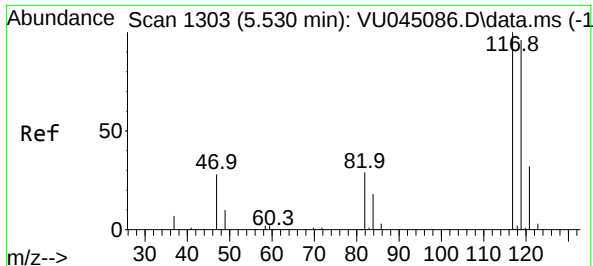
Ion Ratio Lower Upper

97 100

99 63.9 50.6 75.8

61 48.9 41.3 61.9

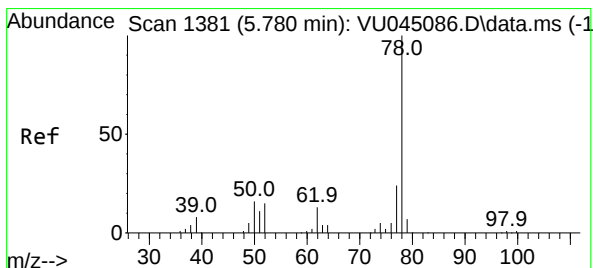
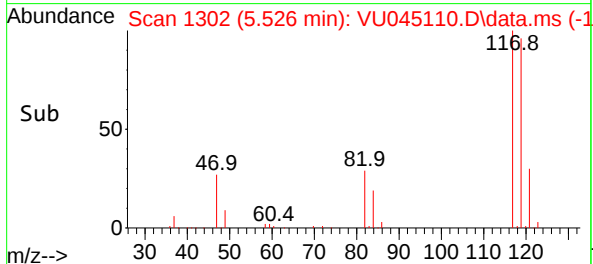
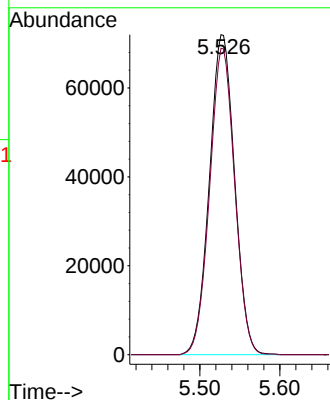
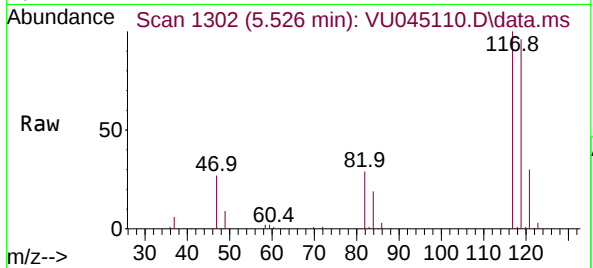




#31
Carbon tetrachloride
Concen: 46.397 ug/L
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

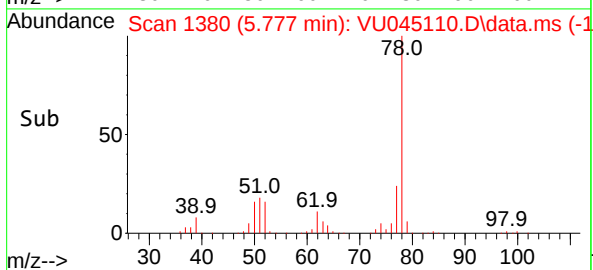
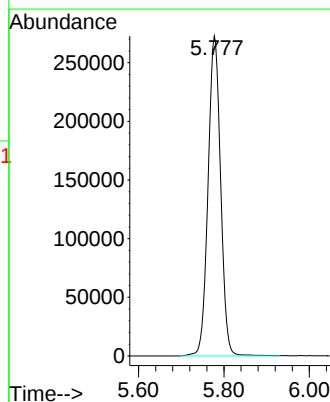
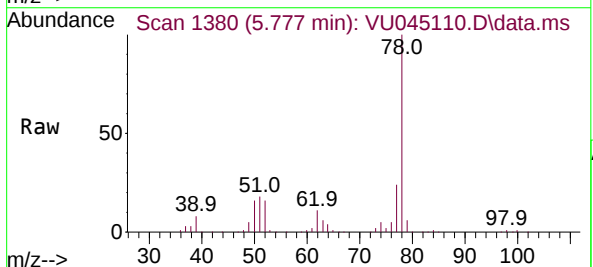
Instrument :
MSVOA_U
ClientSampleId :
VSTD050085

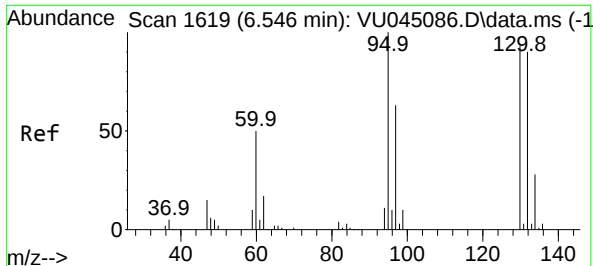
Tgt Ion:117 Resp: 157736
Ion Ratio Lower Upper
117 100
119 94.9 77.7 116.5



#33
Benzene
Concen: 48.334 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 78 Resp: 557430





#34

Trichloroethene

Concen: 48.805 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU045110.D

Acq: 04 Oct 2021 21:01

Tgt Ion: 95 Resp: 135194

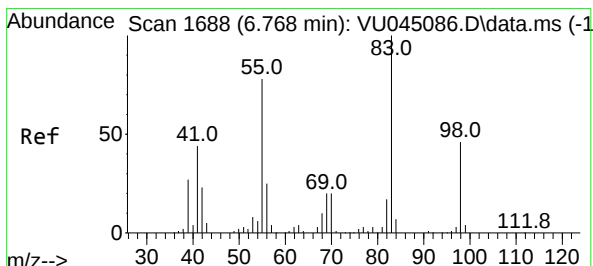
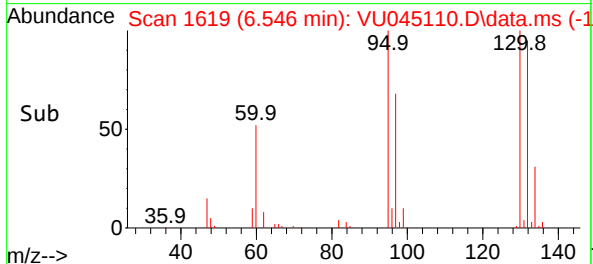
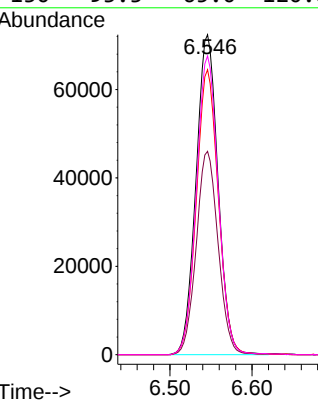
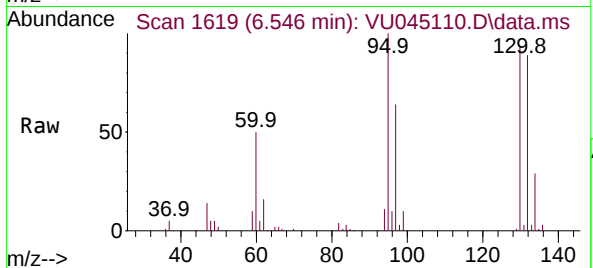
Ion Ratio Lower Upper

95 100

97 63.6 44.4 82.4

132 89.1 62.9 116.9

130 93.3 65.0 120.8



#35

Methylcyclohexane

Concen: 48.405 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU045110.D

Acq: 04 Oct 2021 21:01

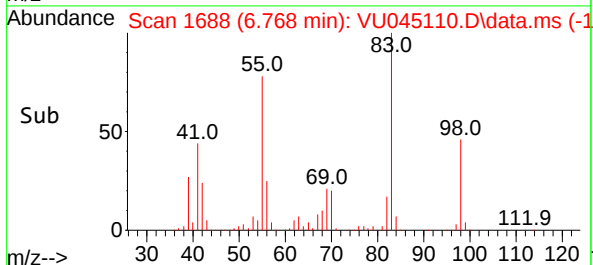
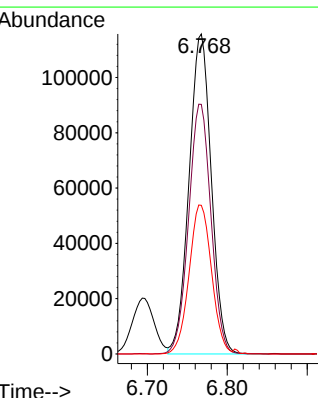
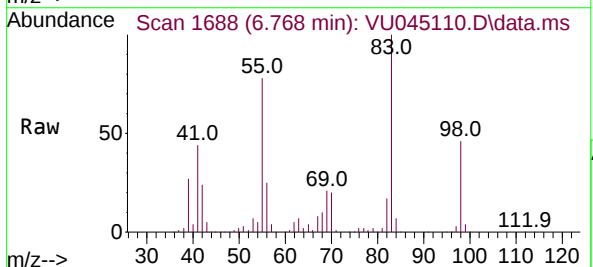
Tgt Ion: 83 Resp: 224487

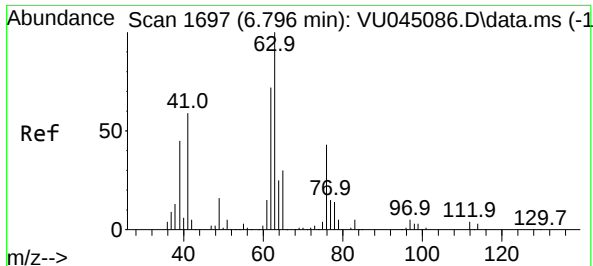
Ion Ratio Lower Upper

83 100

55 78.3 65.8 98.6

98 47.0 37.1 55.7



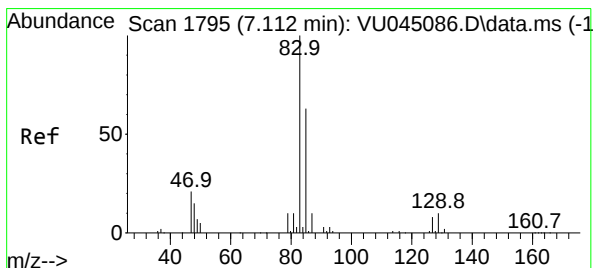
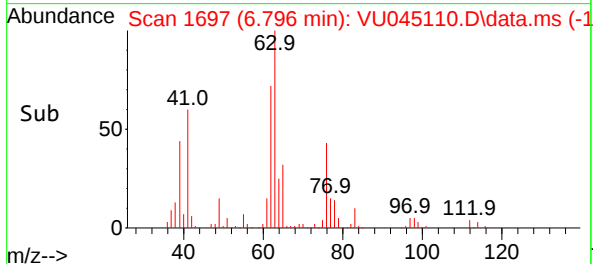
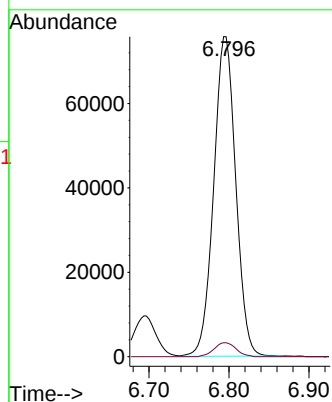
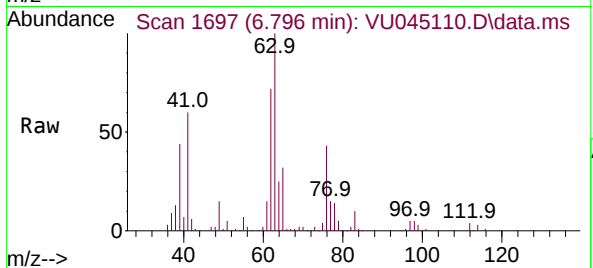


#37

1,2-Dichloropropane
Concen: 46.104 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD050085

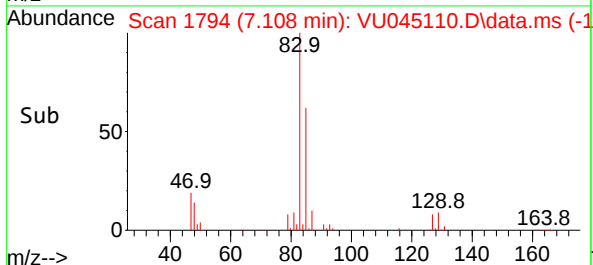
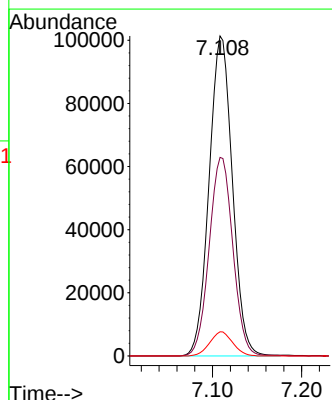
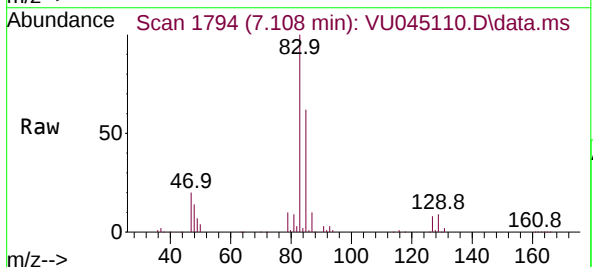
Tgt Ion: 63 Resp: 144770
Ion Ratio Lower Upper
63 100
112 4.4 3.2 4.8

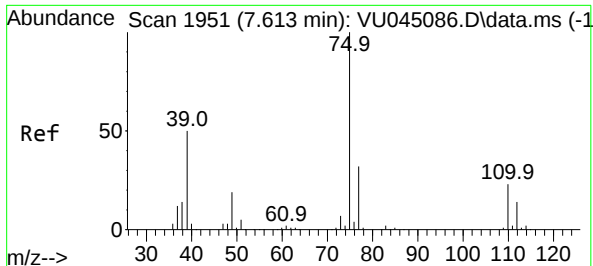


#38

Bromodichloromethane
Concen: 47.742 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 83 Resp: 183761
Ion Ratio Lower Upper
83 100
85 62.1 44.6 82.8
127 7.5 6.2 9.2



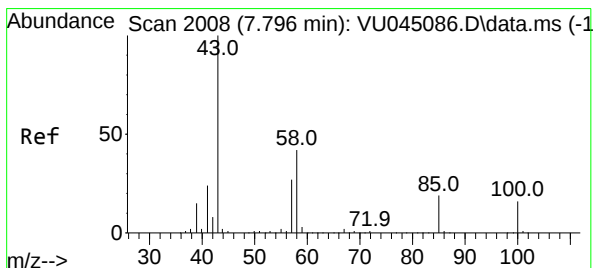
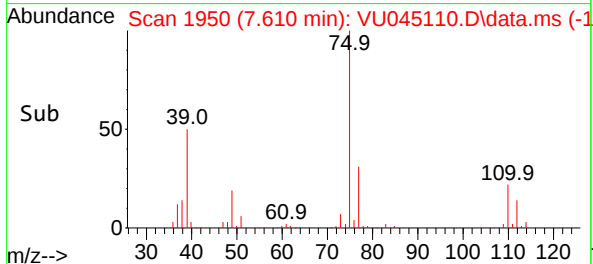
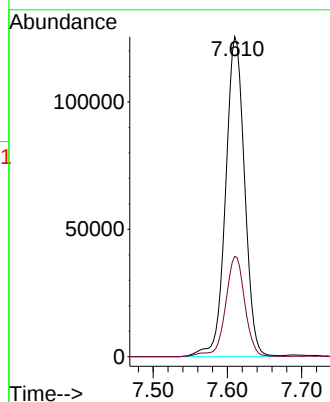
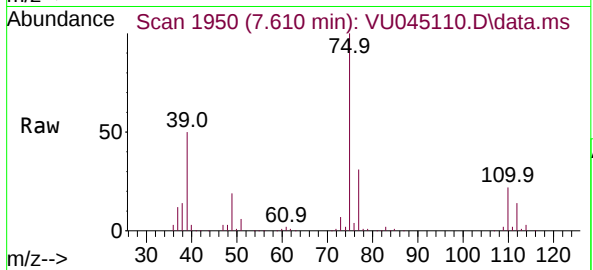


#39

cis-1,3-Dichloropropene
Concen: 49.810 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.003 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD050085

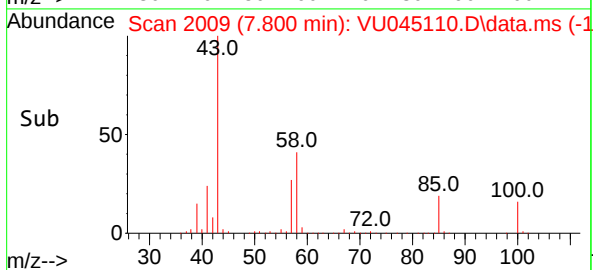
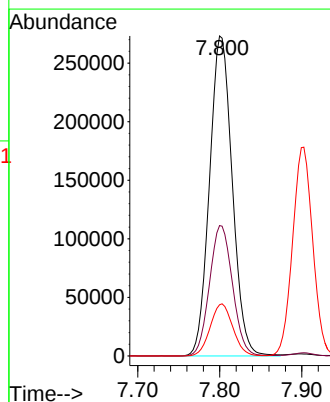
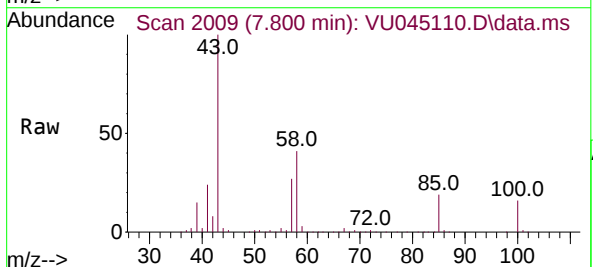
Tgt Ion: 75 Resp: 223793
Ion Ratio Lower Upper
75 100
77 31.3 22.4 41.6

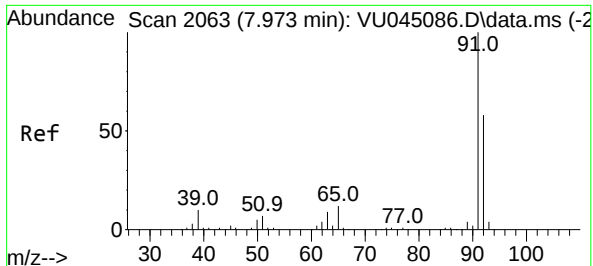


#40

4-Methyl-2-pentanone
Concen: 100.490 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. 0.003 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 43 Resp: 527113
Ion Ratio Lower Upper
43 100
58 41.2 31.8 47.8
100 16.2 11.8 17.6

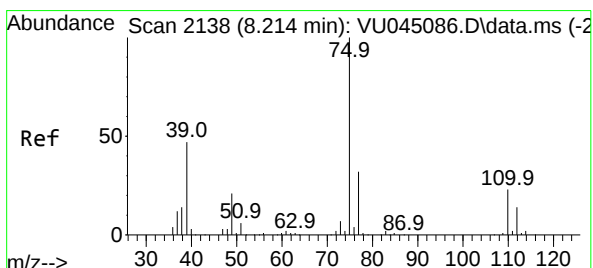
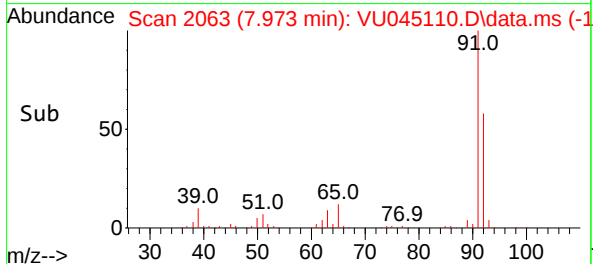
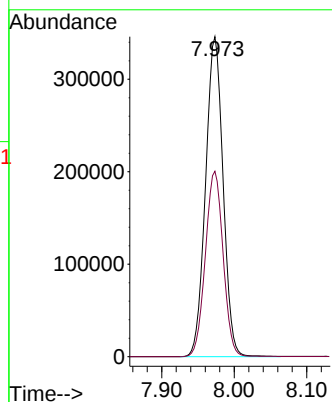
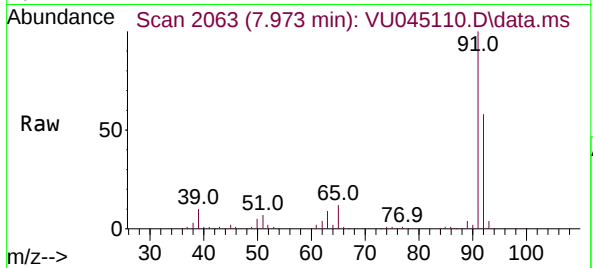




#42
Toluene
Concen: 49.554 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

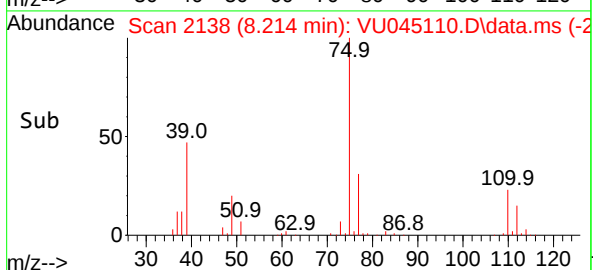
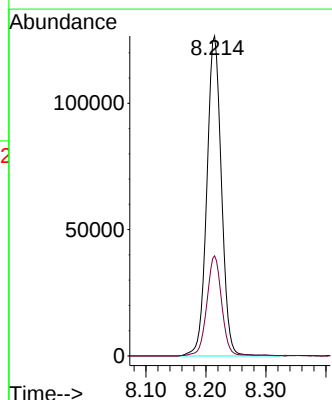
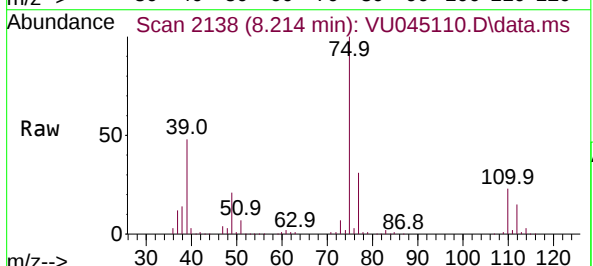
Instrument :
MSVOA_U
ClientSampleId :
VSTD050085

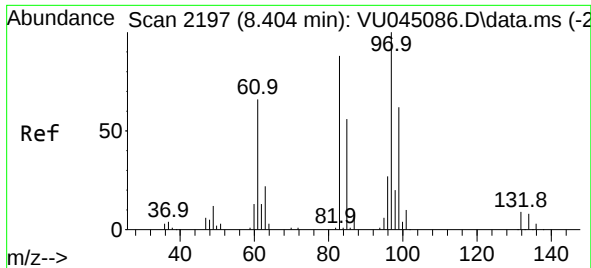
Tgt Ion: 91 Resp: 580681
Ion Ratio Lower Upper
91 100
92 58.0 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 50.209 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 75 Resp: 214501
Ion Ratio Lower Upper
75 100
77 31.3 21.7 40.3

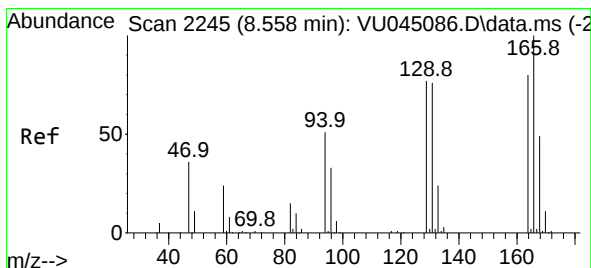
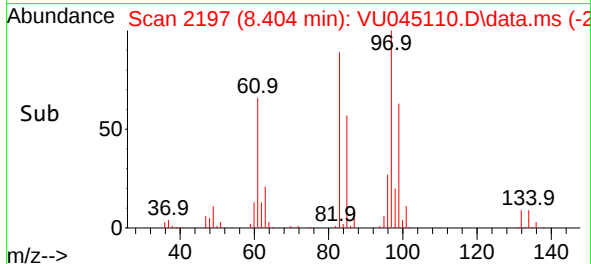
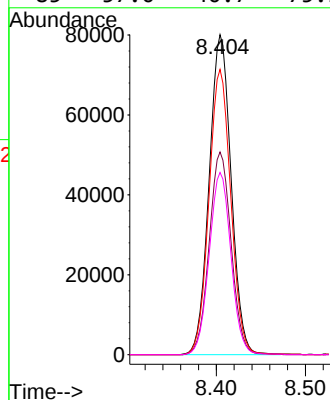
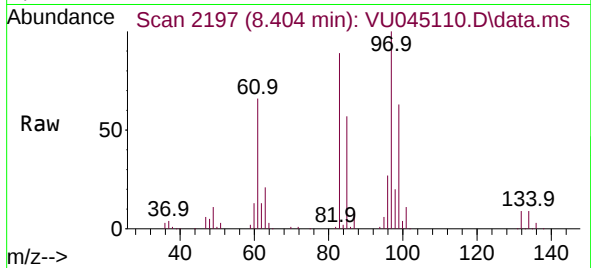




#45
1,1,2-Trichloroethane
Concen: 48.255 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

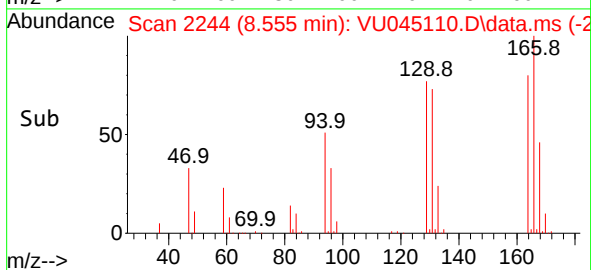
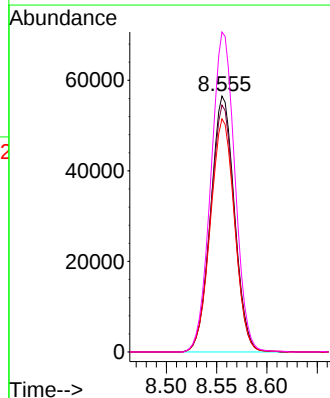
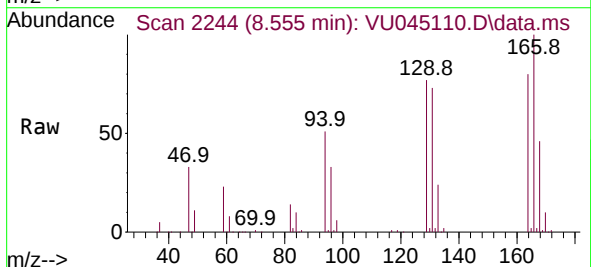
Instrument :
MSVOA_U
ClientSampleId :
VSTD050085

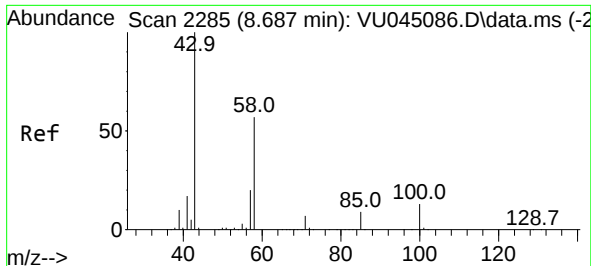
Tgt Ion:	97	Resp:	137317
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.7	81.1
83	89.2	61.9	115.1
85	57.0	40.7	75.5



#46
Tetrachloroethene
Concen: 47.080 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion:	164	Resp:	93217
Ion	Ratio	Lower	Upper
164	100		
129	96.5	69.8	129.6
131	91.1	66.4	123.2
166	125.0	91.1	169.3

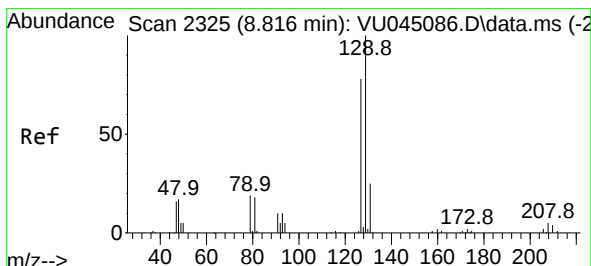
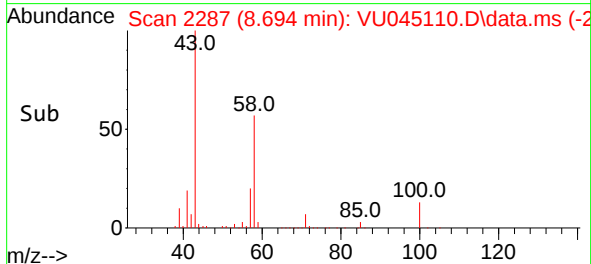
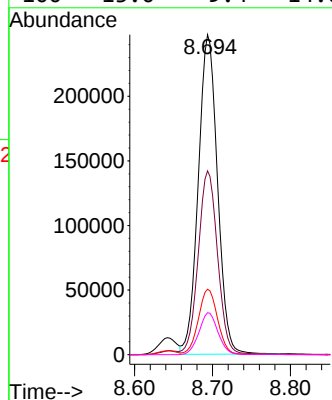
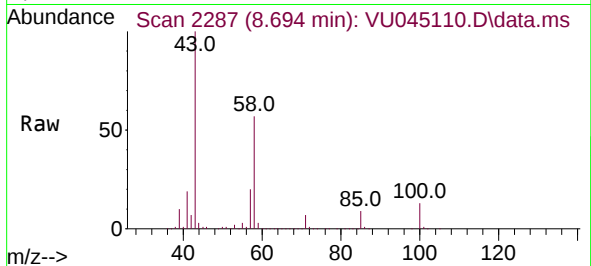




#48
2-Hexanone
Concen: 91.052 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

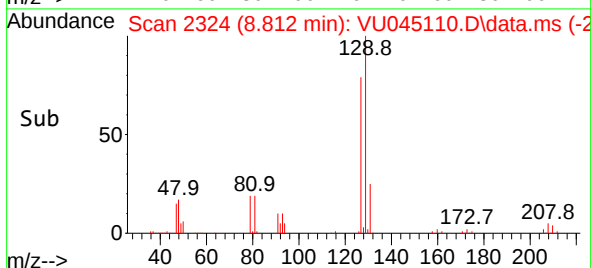
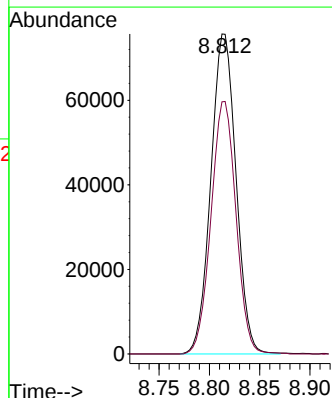
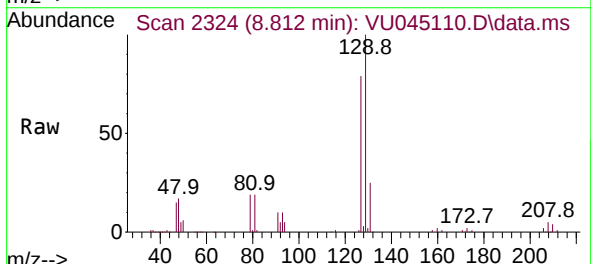
Instrument :
MSVOA_U
ClientSampleId :
VSTD050085

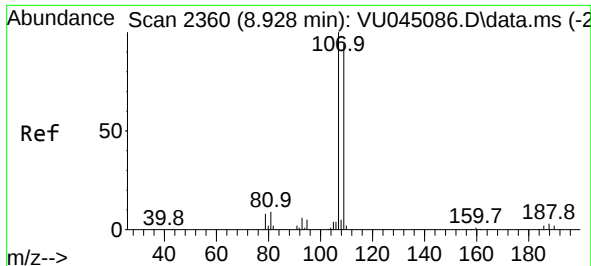
Tgt Ion: 43 Resp: 423525
Ion Ratio Lower Upper
43 100
58 57.8 44.9 67.3
57 20.5 15.5 23.3
100 13.0 9.4 14.0



#49
Dibromochloromethane
Concen: 46.815 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.003 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 129 Resp: 131755
Ion Ratio Lower Upper
129 100
127 78.8 54.3 100.8

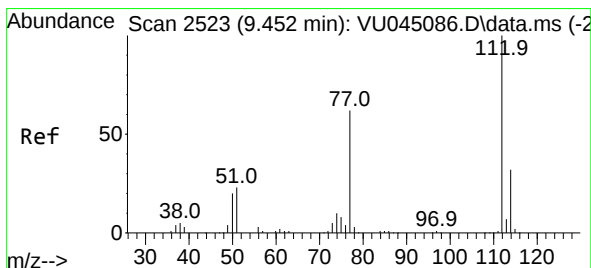
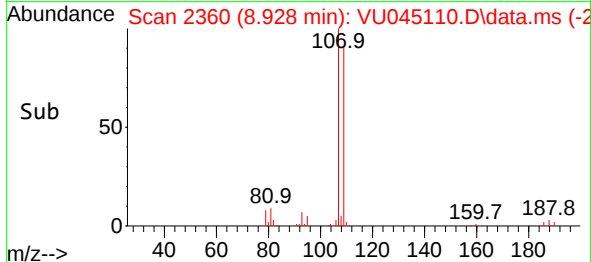
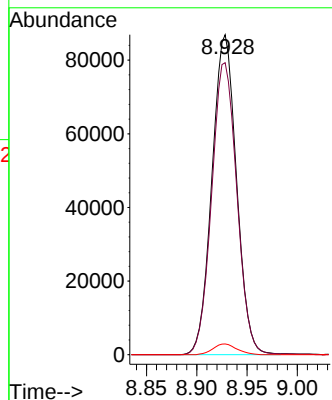
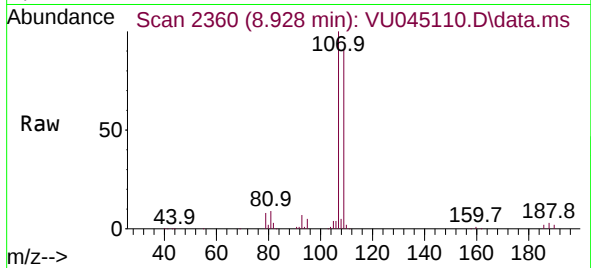




#50
1,2-Dibromoethane
Concen: 49.553 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

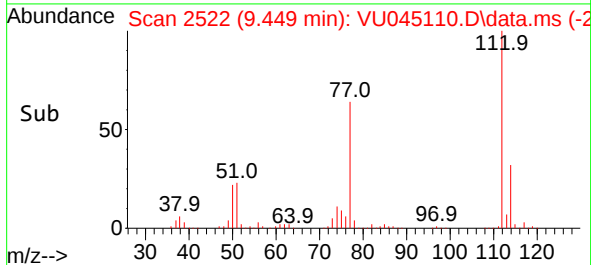
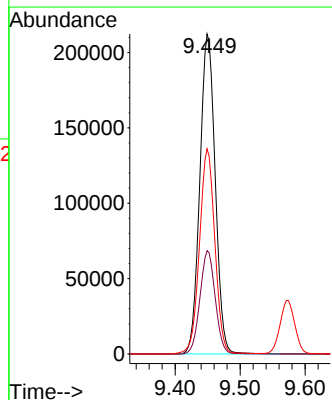
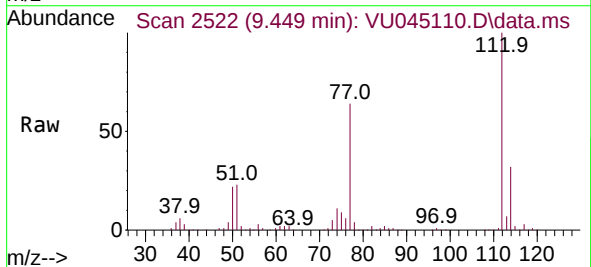
Instrument :
MSVOA_U
ClientSampleId :
VSTD050085

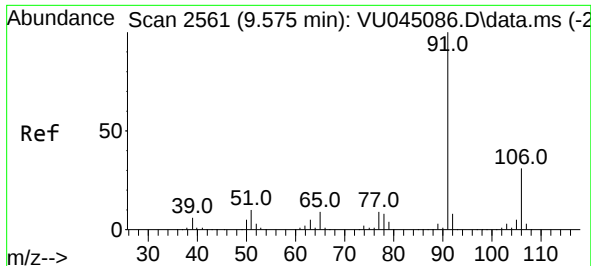
Tgt Ion:107 Resp: 147639
Ion Ratio Lower Upper
107 100
109 91.2 65.5 121.6
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 48.438 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.003 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion:112 Resp: 350407
Ion Ratio Lower Upper
112 100
114 32.3 22.5 41.9
77 64.1 50.6 75.8

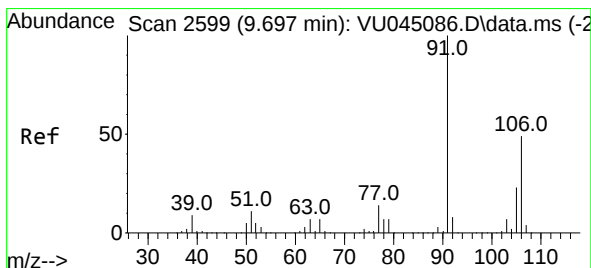
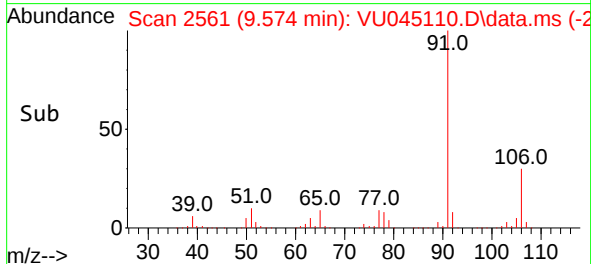
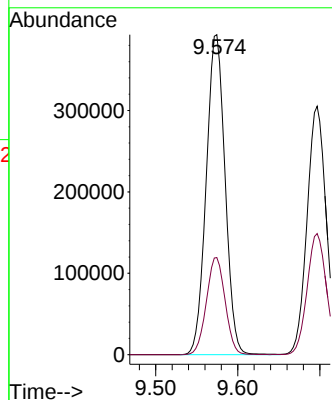
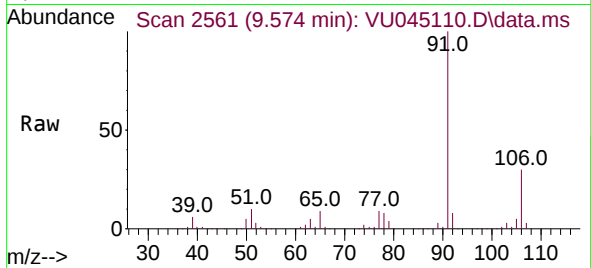




#52
Ethylbenzene
Concen: 50.642 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

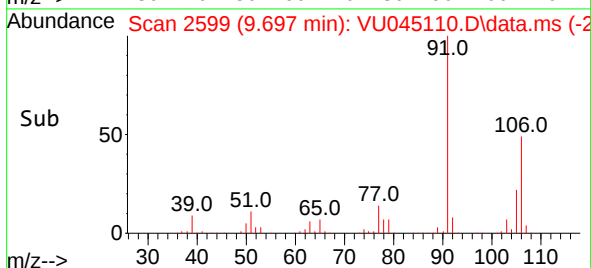
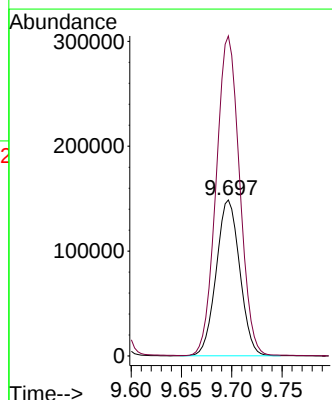
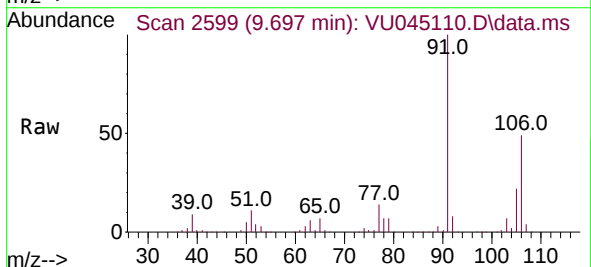
Instrument :
MSVOA_U
ClientSampleId :
VSTD050085

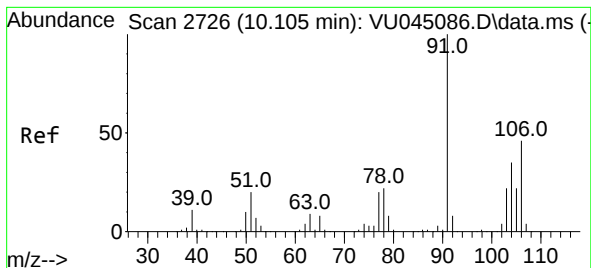
Tgt Ion: 91 Resp: 626889
Ion Ratio Lower Upper
91 100
106 30.4 21.2 39.4



#53
m,p-Xylene
Concen: 51.574 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 106 Resp: 241850
Ion Ratio Lower Upper
106 100
91 205.2 146.7 272.4





#54

o-xylene

Concen: 51.675 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.003 min

Lab File: VU045110.D

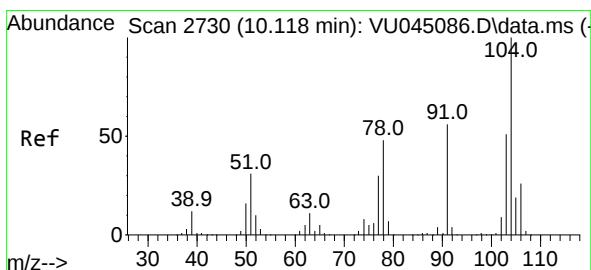
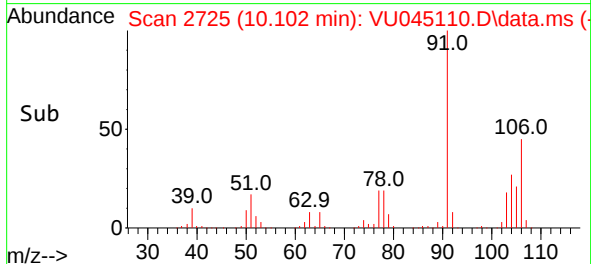
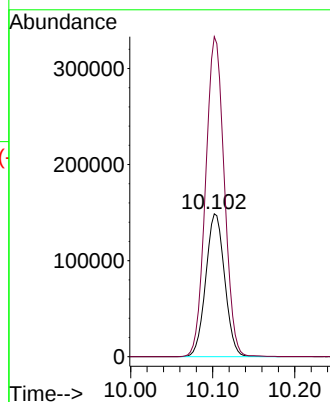
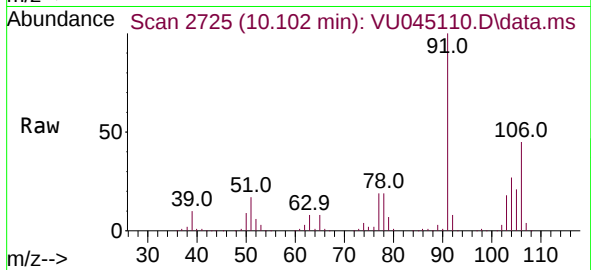
Acq: 04 Oct 2021 21:01

Tgt Ion:106 Resp: 238124

Ion Ratio Lower Upper

106 100

91 223.9 152.9 283.9



#55

Styrene

Concen: 51.251 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.000 min

Lab File: VU045110.D

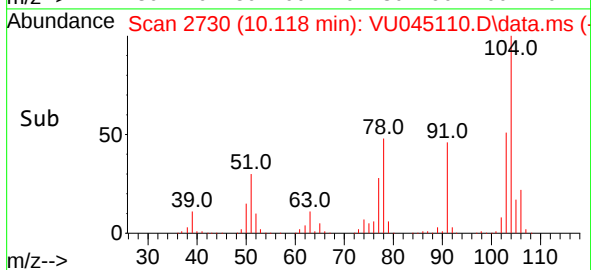
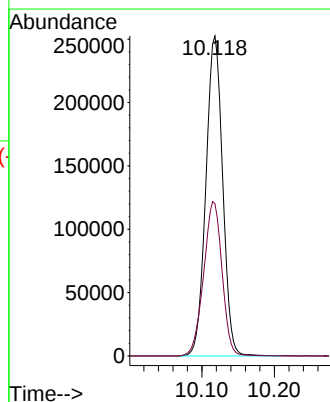
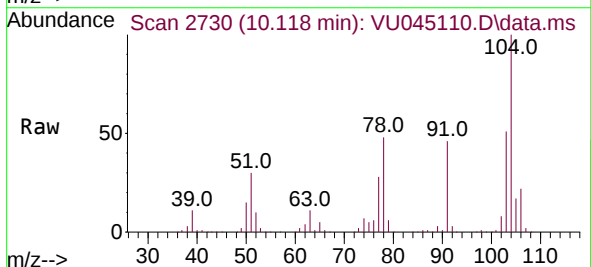
Acq: 04 Oct 2021 21:01

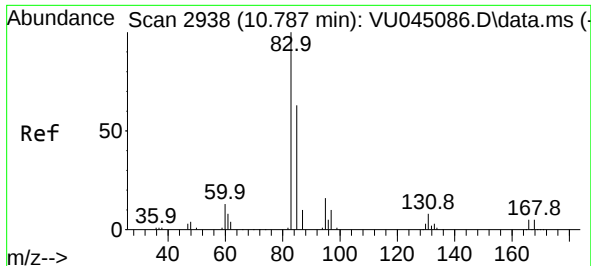
Tgt Ion:104 Resp: 406139

Ion Ratio Lower Upper

104 100

78 47.6 33.3 61.9

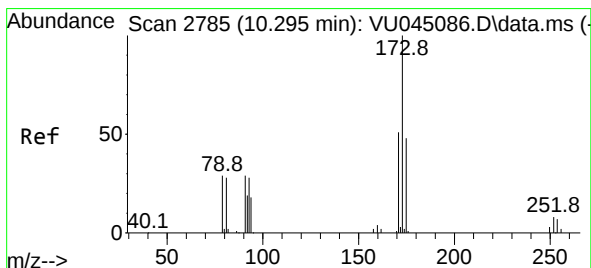
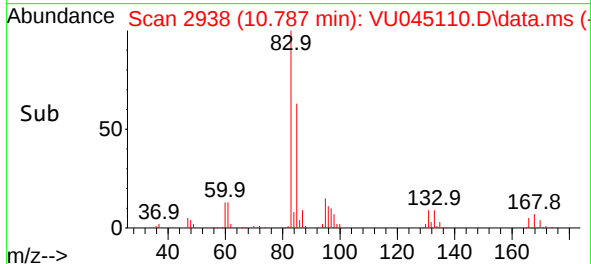
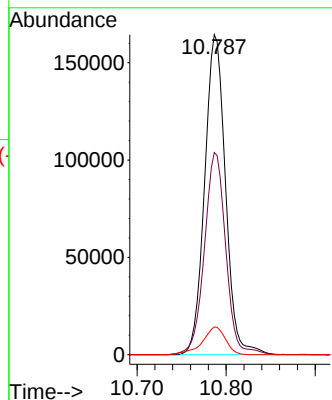
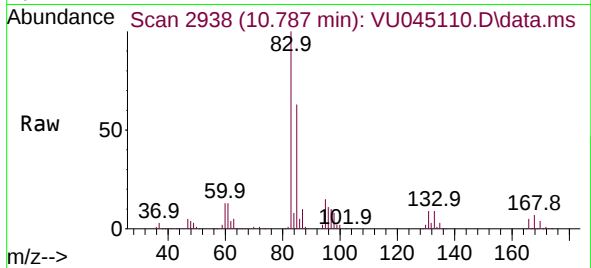




#57
1,1,2,2-Tetrachloroethane
Concen: 48.980 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

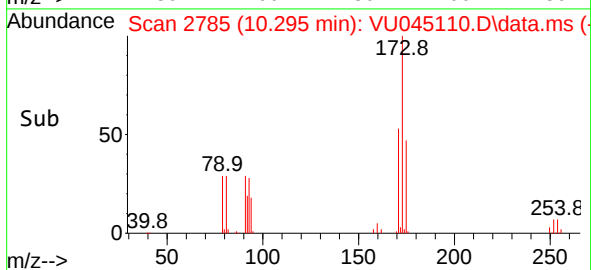
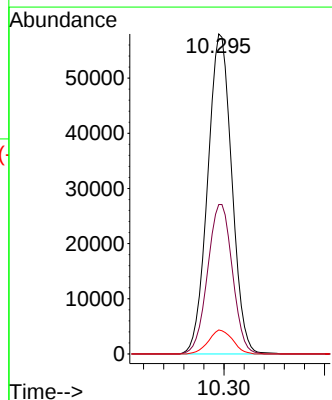
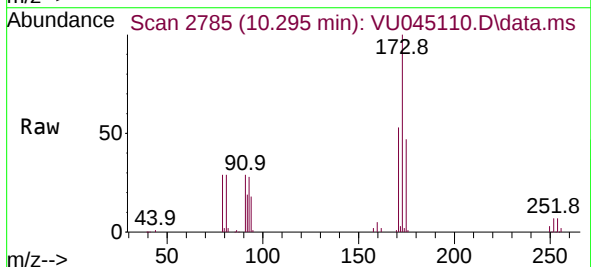
Instrument :
MSVOA_U
ClientSampleId :
VSTD050085

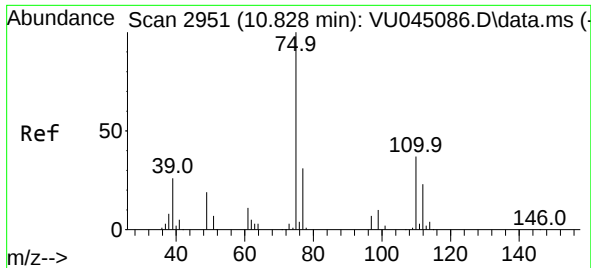
Tgt Ion: 83 Resp: 266877
Ion Ratio Lower Upper
83 100
85 63.1 45.1 83.7
131 8.7 6.9 10.3



#59
Bromoform
Concen: 49.907 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion:173 Resp: 96636
Ion Ratio Lower Upper
173 100
175 47.9 38.4 57.6
254 7.5 5.3 7.9

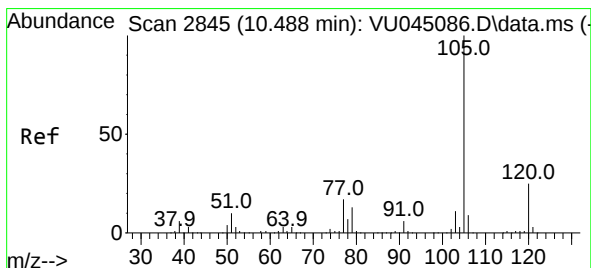
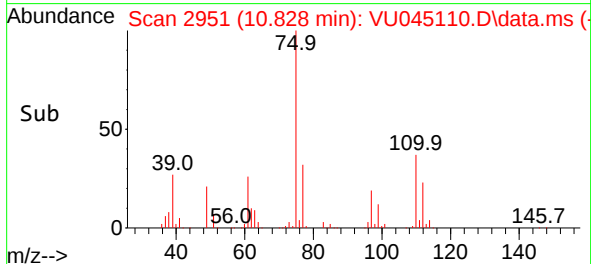
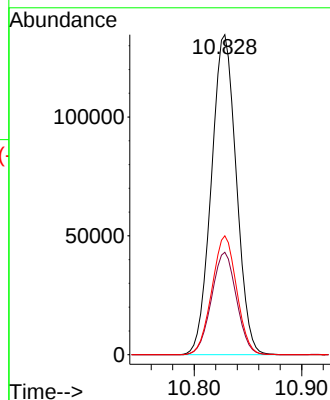
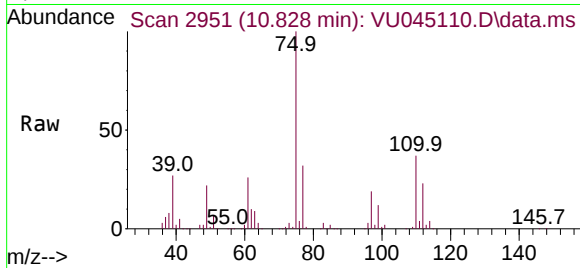




#60
1,2,3-Trichloropropane
Concen: 50.234 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

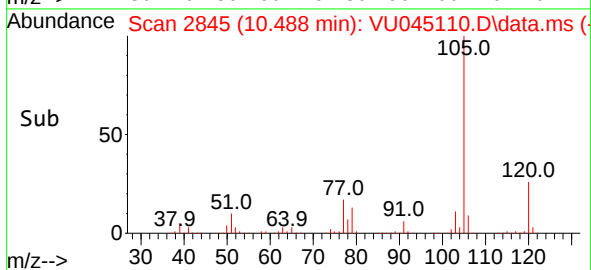
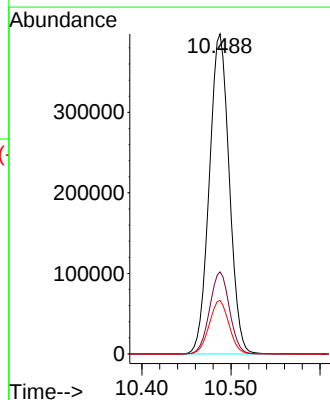
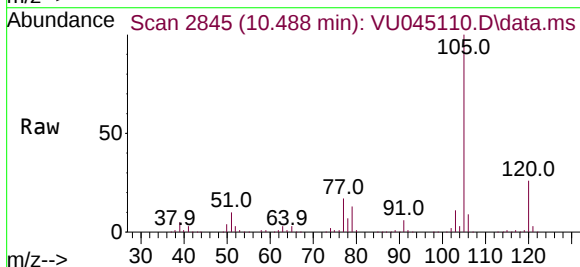
Instrument :
MSVOA_U
ClientSampleId :
VSTD050085

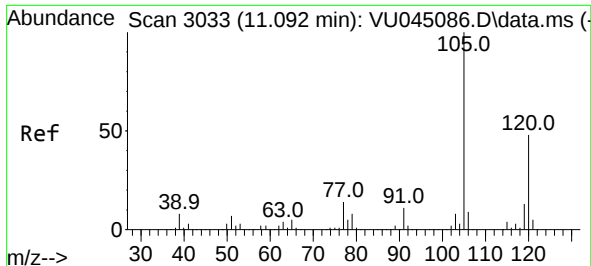
Tgt Ion: 75 Resp: 216922
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
110 36.8 29.0 43.4



#61
Isopropylbenzene
Concen: 54.038 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 105 Resp: 617439
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 16.6 13.5 20.3

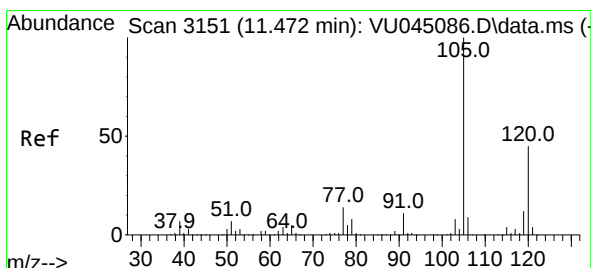
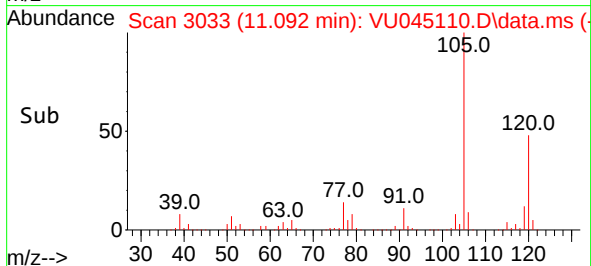
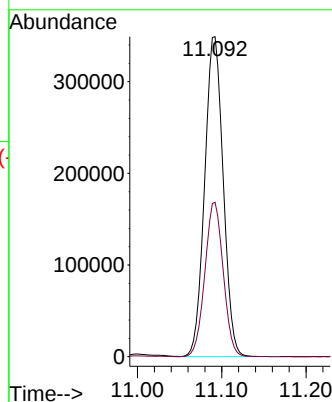
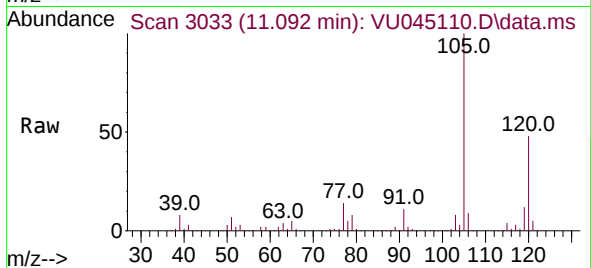




#62
1,3,5-Trimethylbenzene
Concen: 56.025 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

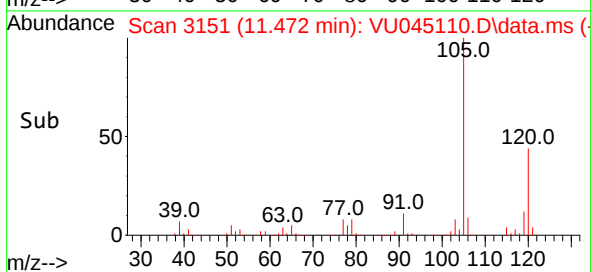
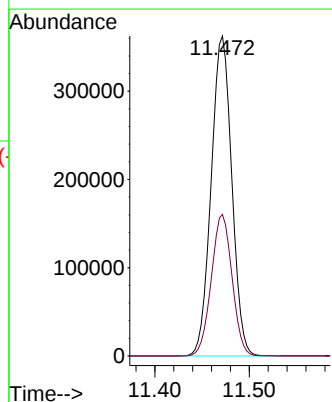
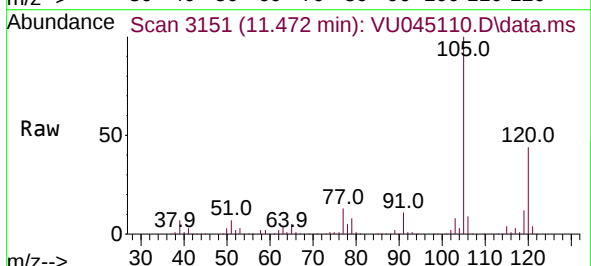
Instrument :
MSVOA_U
ClientSampleId :
VSTD050085

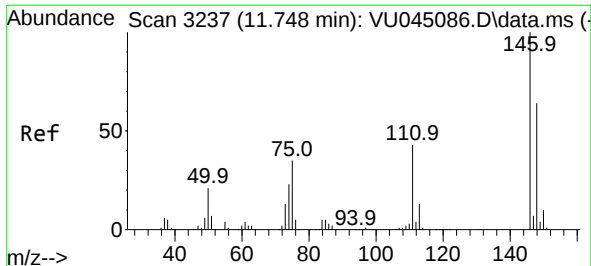
Tgt Ion:105 Resp: 534611
Ion Ratio Lower Upper
105 100
120 47.8 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 56.126 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion:105 Resp: 548437
Ion Ratio Lower Upper
105 100
120 44.6 35.7 53.5

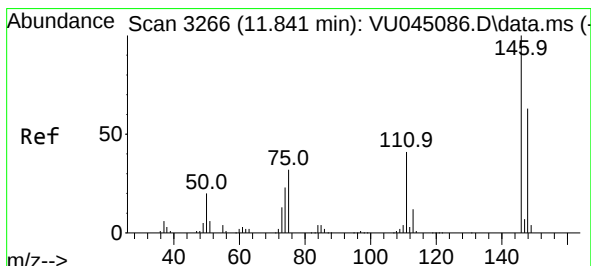
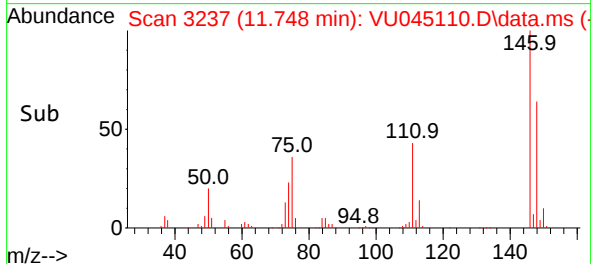
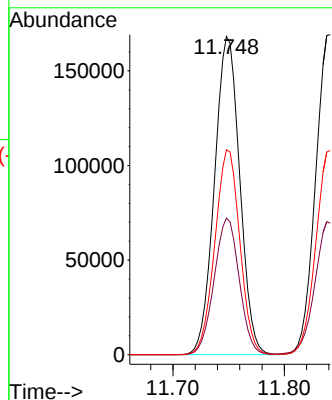
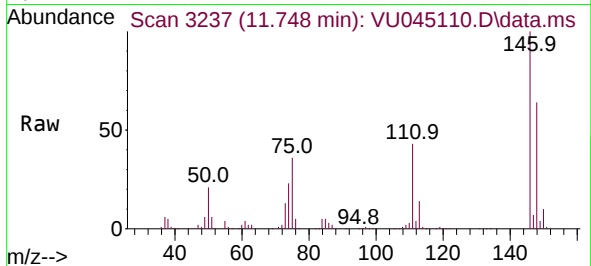




#64
1,3-Dichlorobenzene
Concen: 50.191 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

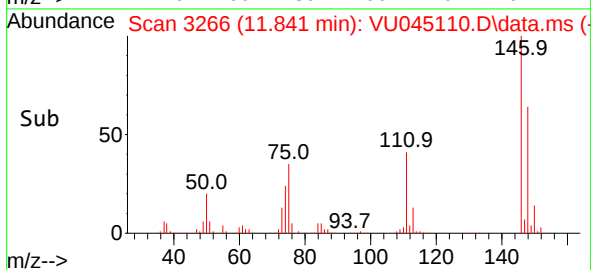
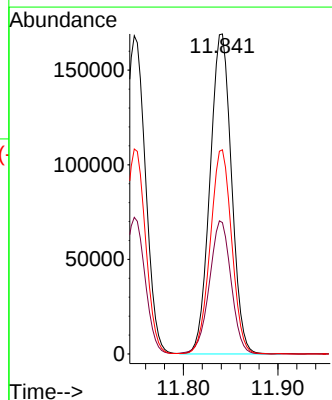
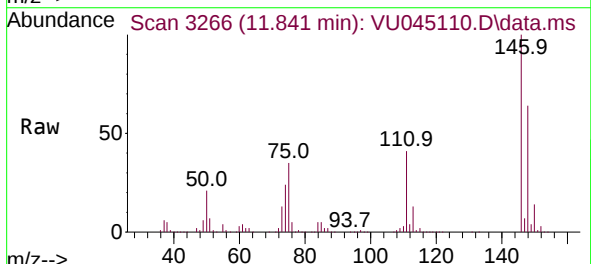
Instrument :
MSVOA_U
ClientSampleId :
VSTD050085

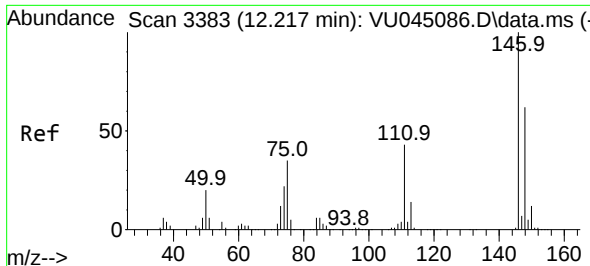
Tgt Ion:146 Resp: 265027
Ion Ratio Lower Upper
146 100
111 43.0 29.0 53.8
148 64.4 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 49.342 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion:146 Resp: 267316
Ion Ratio Lower Upper
146 100
111 41.0 28.5 52.9
148 63.8 45.5 84.5

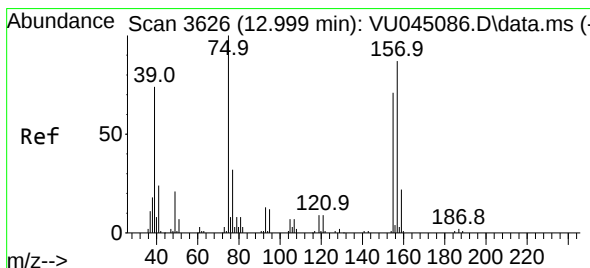
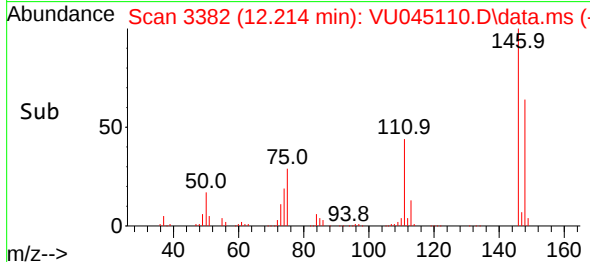
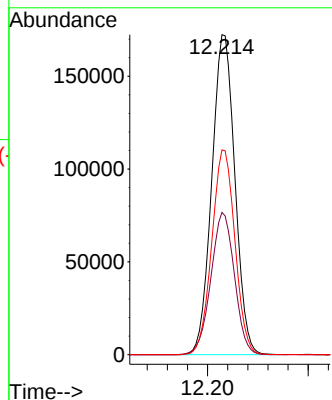
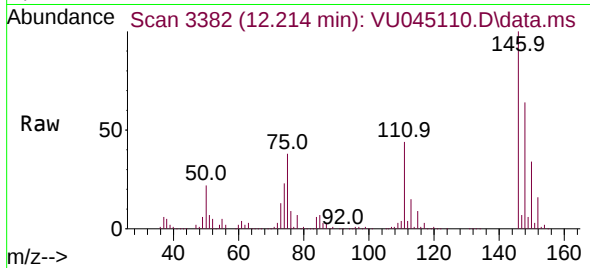




#67
1,2-Dichlorobenzene
Concen: 50.770 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

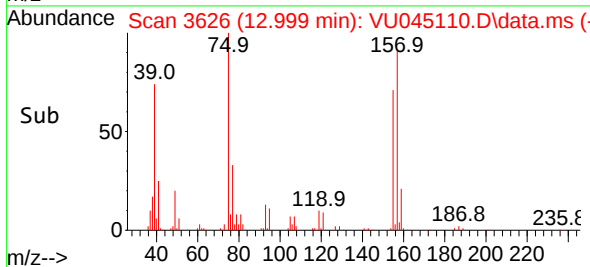
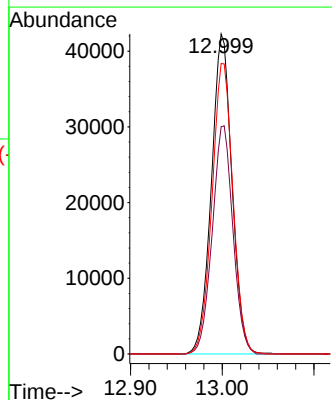
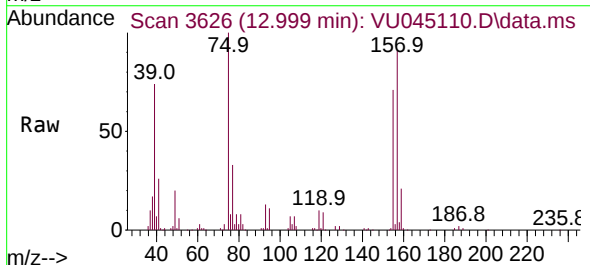
Instrument :
MSVOA_U
ClientSampleId :
VSTD050085

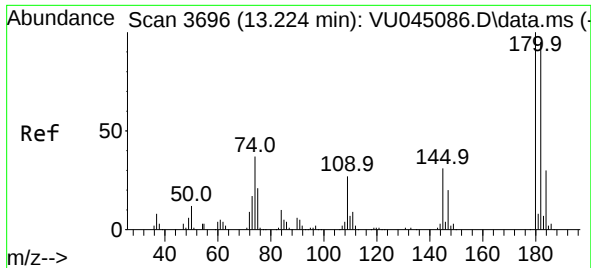
Tgt Ion:146 Resp: 275211
Ion Ratio Lower Upper
146 100
111 44.5 34.7 52.1
148 64.0 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 53.035 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 75 Resp: 65814
Ion Ratio Lower Upper
75 100
155 71.0 58.5 87.7
157 90.7 77.7 116.5

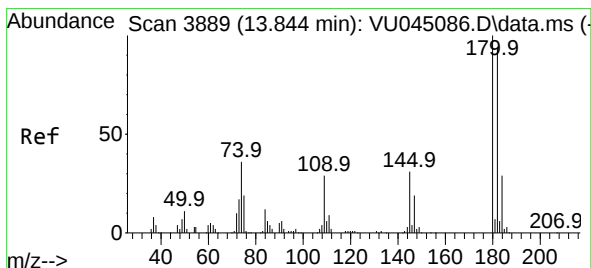
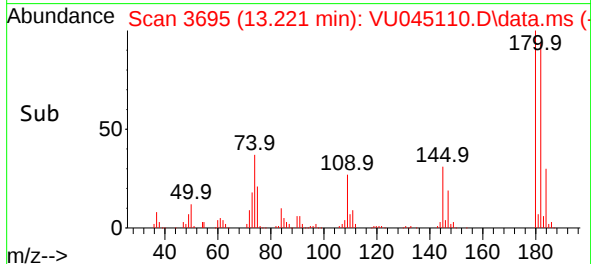
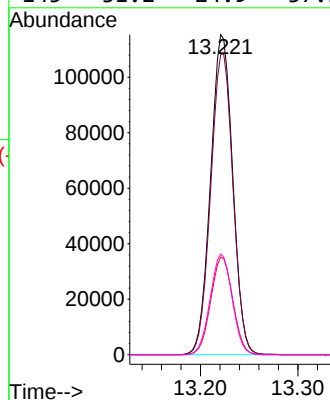
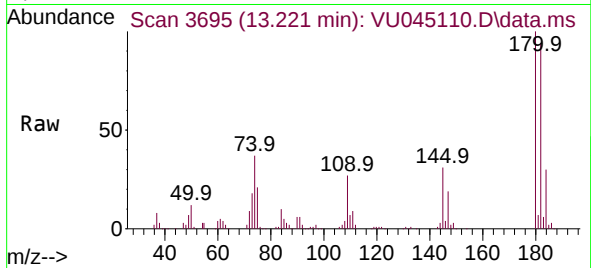




#69
 1,3,5-Trichlorobenzene
 Concen: 49.519 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.003 min
 Lab File: VU045110.D
 Acq: 04 Oct 2021 21:01

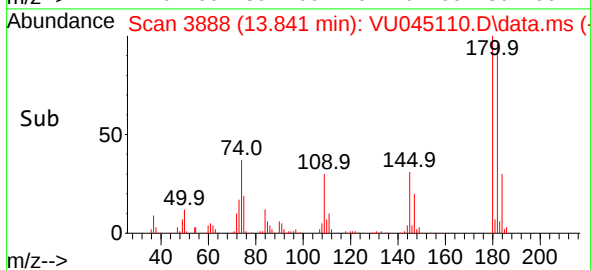
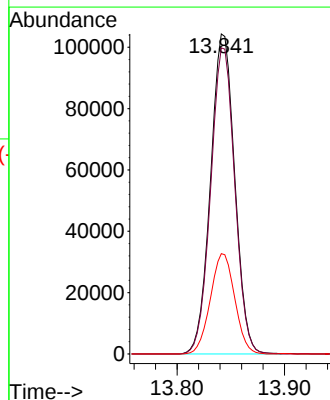
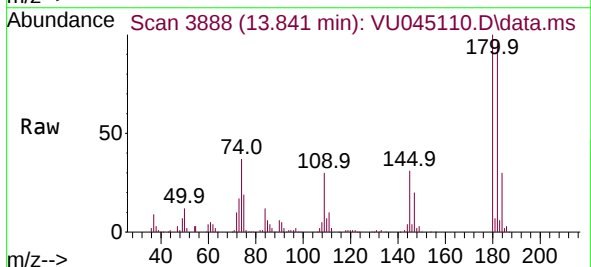
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050085

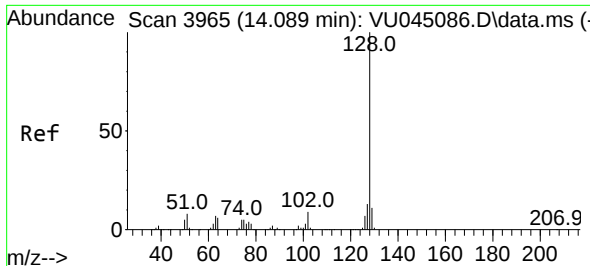
Tgt Ion:	180	Resp:	181463
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.8	115.2
184	30.4	24.4	36.6
145	31.2	24.9	37.3



#70
 1,2,4-trichlorobenzene
 Concen: 53.552 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.003 min
 Lab File: VU045110.D
 Acq: 04 Oct 2021 21:01

Tgt Ion:	180	Resp:	163076
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.2	114.2
145	31.6	25.4	38.0

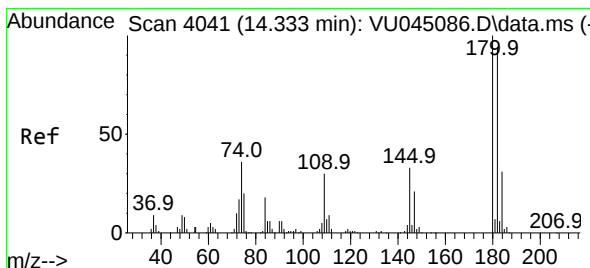
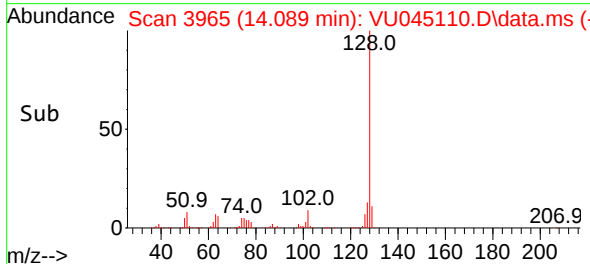
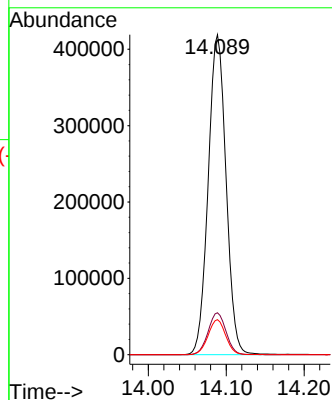
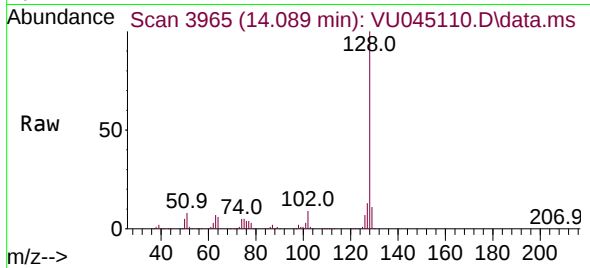




#71
Naphthalene
Concen: 63.302 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD050085

Tgt Ion:128 Resp: 667987
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 53.566 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045110.D
Acq: 04 Oct 2021 21:01

Tgt Ion:180 Resp: 166891
Ion Ratio Lower Upper
180 100
182 94.4 76.8 115.2
145 34.0 26.5 39.7

