

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111022\
 Data File : VU051798.D
 Acq On : 10 Nov 2022 10:57
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005196

Quant Time: Nov 11 00:34:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 10 01:04:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	219313	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	218046	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	109559	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74870	4.533	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.909	69	69744	4.049	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.565	65	31654	5.280	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.600%
20) 2-Butanone-d5	4.623	46	213123	35.628	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.260%
24) Chloroform-d	5.063	84	161666	4.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.700	65	81972	3.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
32) Benzene-d6	5.726	84	328868	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.690	67	107246	4.457	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.896	98	306150	5.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.200%
43) trans-1,3-Dichloroprop...	8.179	79	37268	5.066	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.632	63	175278	39.577	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.160%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	95862	4.348	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	107637	5.353	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	95795	3.994	ug/L	99
3) Chloromethane	1.526	50	100890	3.337	ug/L	99
5) Vinyl chloride	1.604	62	109435	3.779	ug/L	92
6) Bromomethane	1.851	94	68488	4.987	ug/L	98
8) Chloroethane	1.932	64	69765	3.967	ug/L	98
9) Trichlorofluoromethane	2.137	101	140051	4.405	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	86969	4.653	ug/L	99
12) 1,1-Dichloroethene	2.578	96	77354	4.057	ug/L	90
13) Acetone	2.629	43	156738	51.641	ug/L	100
14) Carbon disulfide	2.793	76	194046	3.157	ug/L	99
15) Methyl Acetate	2.951	43	37403	4.707	ug/L	96
16) Methylene chloride	3.044	84	131034	4.196	ug/L	96
17) Methyl tert-butyl Ether	3.362	73	209055	4.782	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	83827	4.097	ug/L	99
19) 1,1-Dichloroethane	3.867	63	173563	4.599	ug/L	99
21) 2-Butanone	4.703	43	246845	51.933	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	103297	4.562	ug/L	99
23) Bromochloromethane	4.973	128	49925	4.716	ug/L	96
25) Chloroform	5.086	83	190253	4.859	ug/L	99

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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

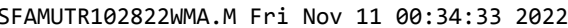
Instrument :
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 ClientSampleId :
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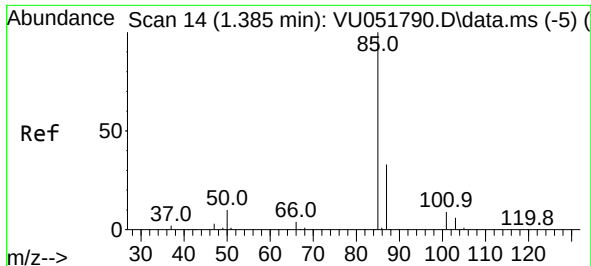
Quant Time: Nov 11 00:34:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 10 01:04:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	110934	4.604	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	138875	4.691	ug/L	99
30) Cyclohexane	5.388	56	108143	3.967	ug/L	98
31) Carbon tetrachloride	5.523	117	119295	4.712	ug/L	99
33) Benzene	5.774	78	387754	4.506	ug/L	100
34) Trichloroethene	6.542	95	91009	4.383	ug/L	94
35) Methylcyclohexane	6.761	83	119048	4.146	ug/L	99
37) 1,2-Dichloropropane	6.790	63	107208	4.844	ug/L	100
38) Bromodichloromethane	7.105	83	136984	5.067	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	138127	4.865	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	585336	52.729	ug/L	99
42) Toluene	7.970	91	418603	4.737	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	120148	5.063	ug/L	96
45) 1,1,2-Trichloroethane	8.398	97	83581	5.154	ug/L	99
47) Tetrachloroethene	8.552	164	71072	4.469	ug/L	96
48) 2-Hexanone	8.684	43	442452	53.847	ug/L	100
49) Dibromochloromethane	8.809	129	98460	5.314	ug/L	99
50) 1,2-Dibromoethane	8.922	107	74531	5.094	ug/L	96
51) Chlorobenzene	9.446	112	266564	4.793	ug/L	98
52) Ethylbenzene	9.568	91	404202	4.740	ug/L	100
53) m,p-Xylene	9.693	106	157967	4.770	ug/L	98
54) o-Xylene	10.098	106	160390	4.955	ug/L	97
55) Styrene	10.115	104	281208	5.197	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.780	83	107902	5.366	ug/L	98
59) Bromoform	10.288	173	56277	5.559	ug/L	99
60) Isopropylbenzene	10.484	105	405371	5.068	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	73805	5.209	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	102434	4.757	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	300069	4.833	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	205260	5.155	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	204446	5.121	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	201456	5.194	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	15991	5.481	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	144312	5.085	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	110332	5.064	ug/L	99
71) Naphthalene	14.085	128	199299	4.900	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	113261	5.148	ug/L	99

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

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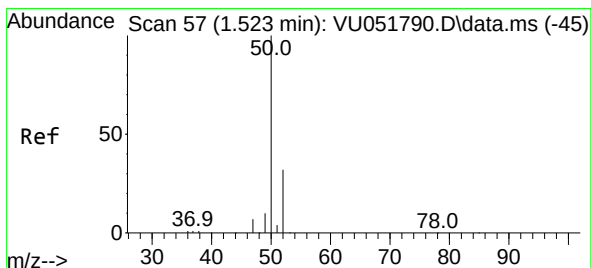
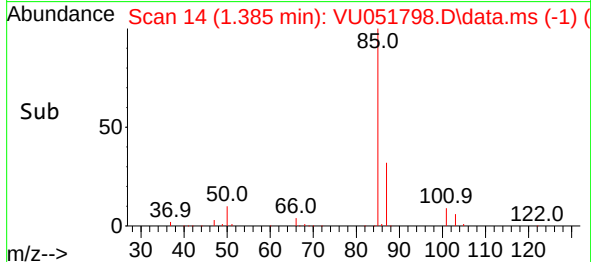
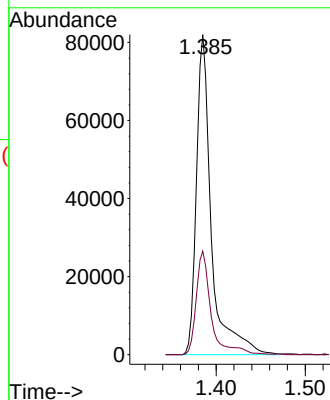
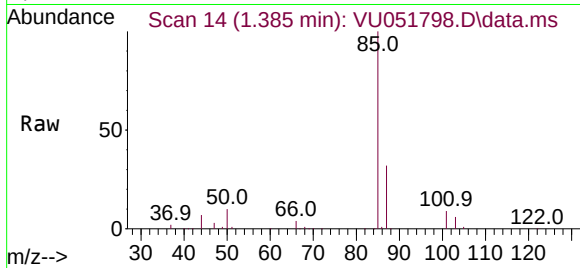




#2
Dichlorodifluoromethane
Concen: 3.994 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

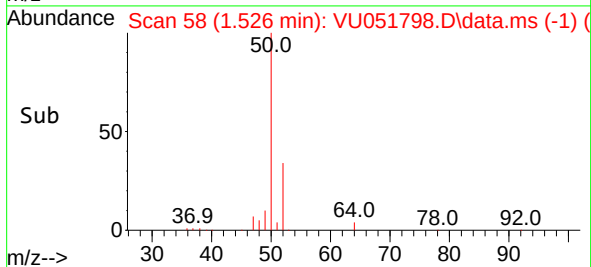
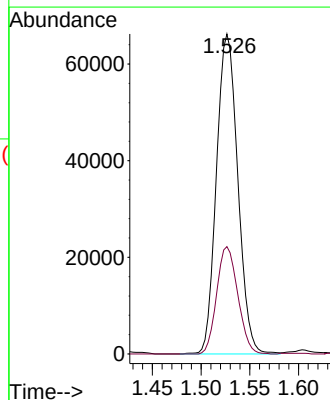
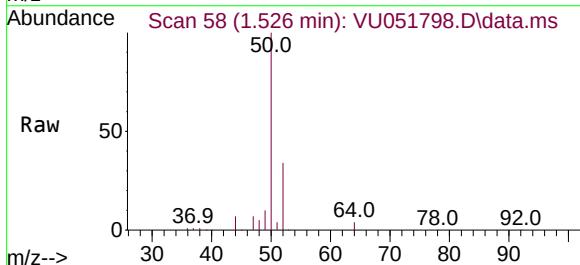
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

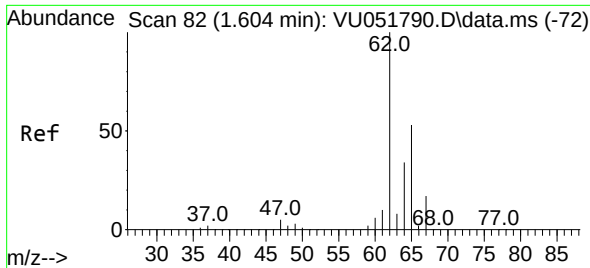
Tgt Ion: 85 Resp: 95795
Ion Ratio Lower Upper
85 100
87 32.5 25.7 38.5



#3
Chloromethane
Concen: 3.337 ug/L
RT: 1.526 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

Tgt Ion: 50 Resp: 100890
Ion Ratio Lower Upper
50 100
52 33.5 23.2 43.2

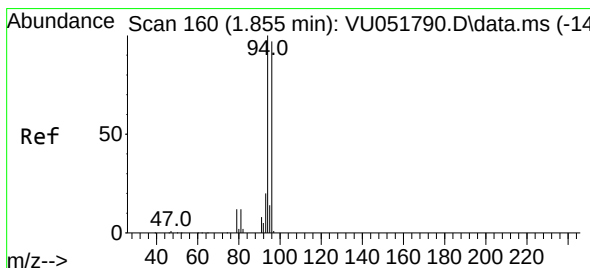
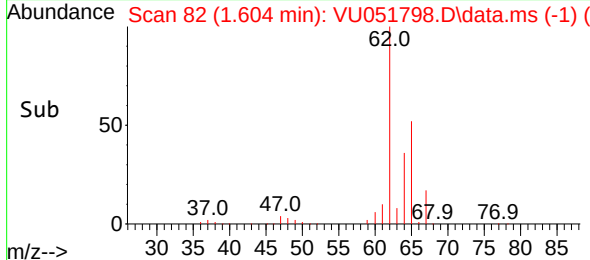
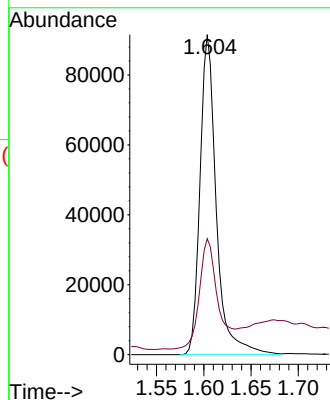
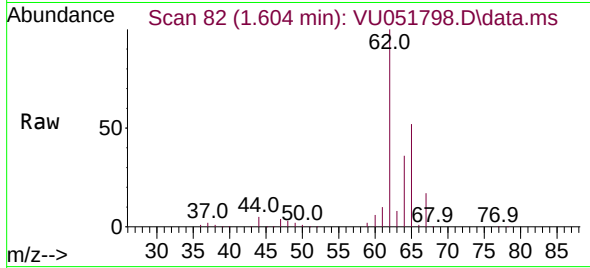




#5
 Vinyl chloride
 Concen: 3.779 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051798.D
 Acq: 10 Nov 2022 10:57

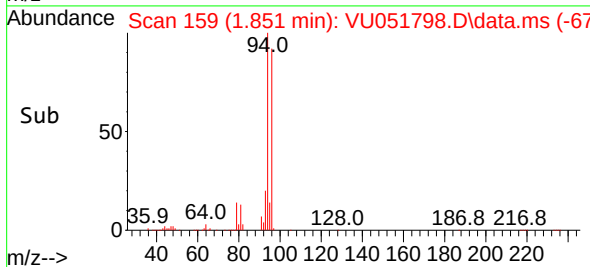
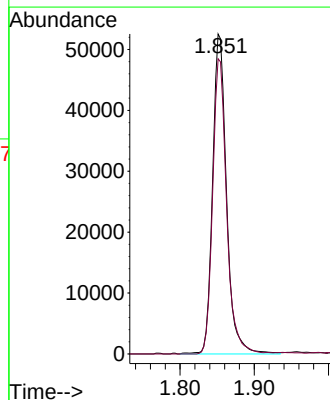
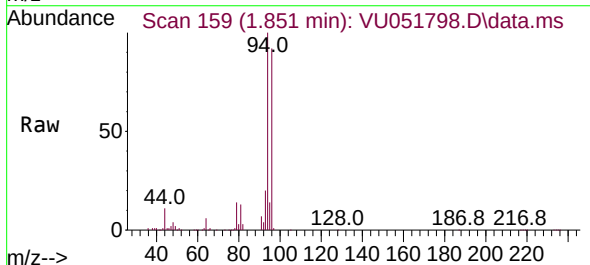
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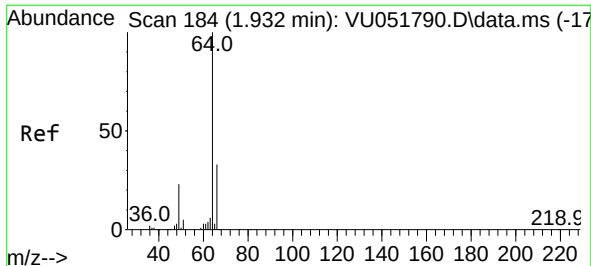
Tgt Ion: 62 Resp: 109435
 Ion Ratio Lower Upper
 62 100
 64 36.2 22.1 41.1



#6
 Bromomethane
 Concen: 4.987 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. -0.003 min
 Lab File: VU051798.D
 Acq: 10 Nov 2022 10:57

Tgt Ion: 94 Resp: 68488
 Ion Ratio Lower Upper
 94 100
 96 92.3 63.2 117.4

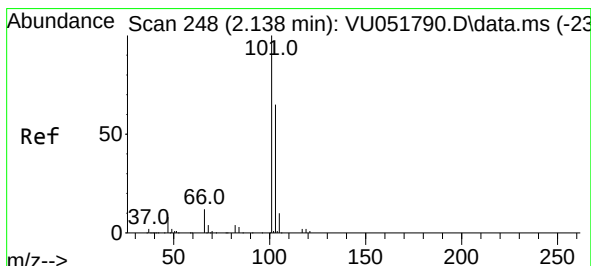
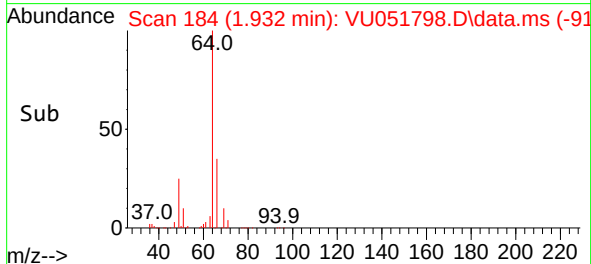
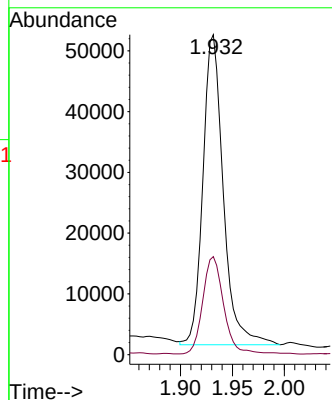
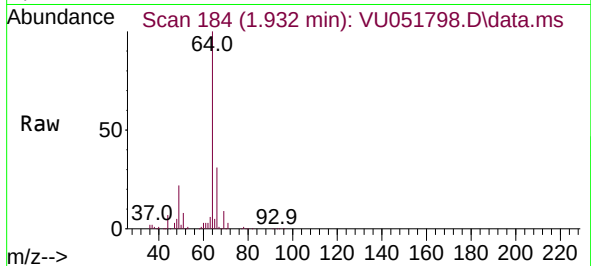




#8
Chloroethane
Concen: 3.967 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

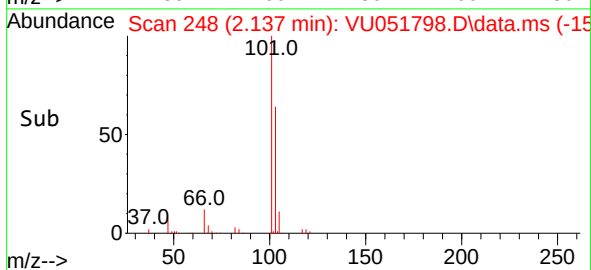
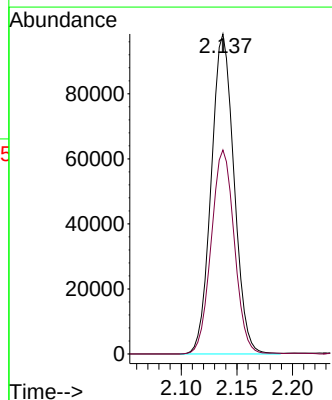
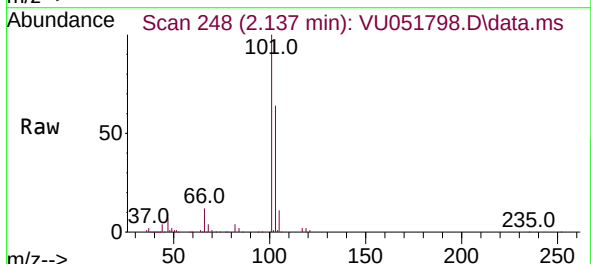
Instrument :
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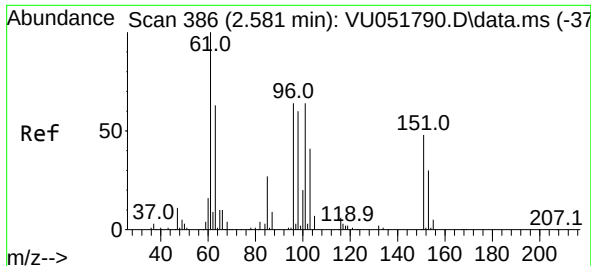
Tgt Ion: 64 Resp: 69765
Ion Ratio Lower Upper
64 100
66 30.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.405 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

Tgt Ion: 101 Resp: 140051
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

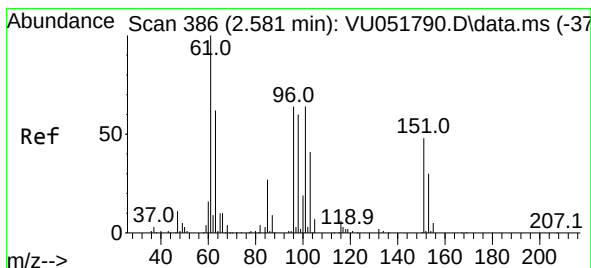
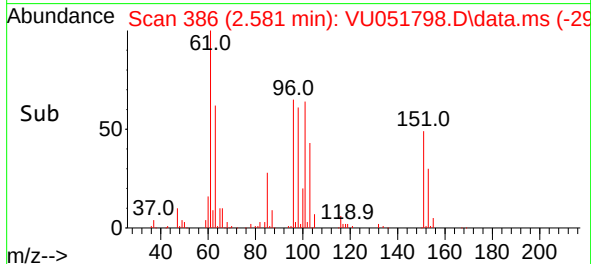
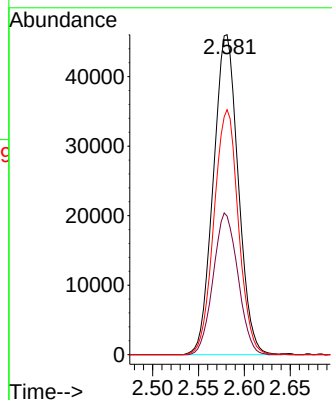
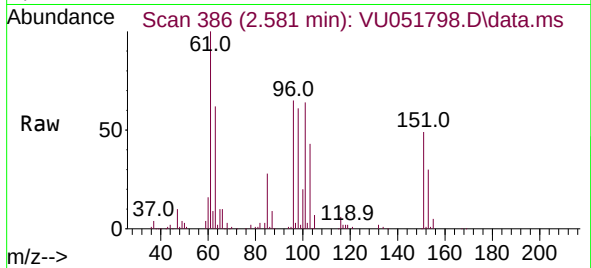




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.653 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU051798.D
 Acq: 10 Nov 2022 10:57

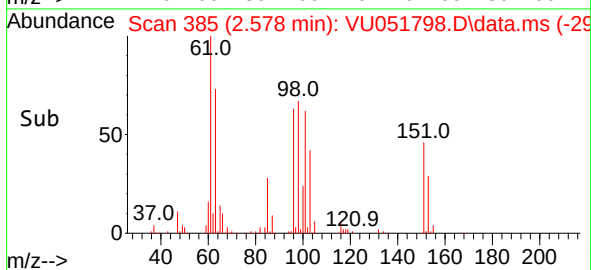
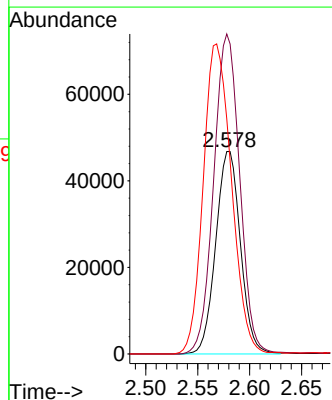
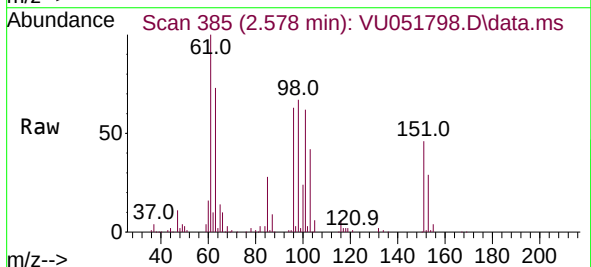
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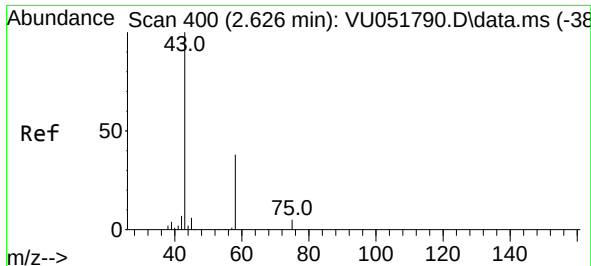
Tgt Ion:101 Resp: 86969
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.6 53.4
 151 75.2 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 4.057 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU051798.D
 Acq: 10 Nov 2022 10:57

Tgt Ion: 96 Resp: 77354
 Ion Ratio Lower Upper
 96 100
 61 158.0 108.8 202.0
 63 116.2 64.9 120.5





#13

Acetone

Concen: 51.641 ug/L

RT: 2.629 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU051798.D

Acq: 10 Nov 2022 10:57

Instrument :

MSVOA_U

ClientSampleId :

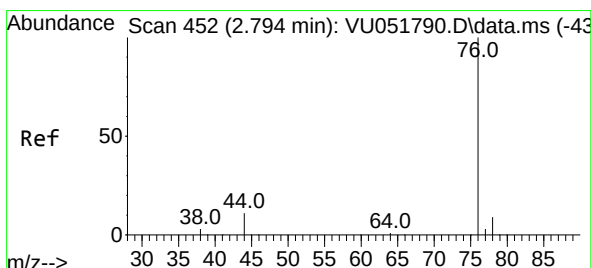
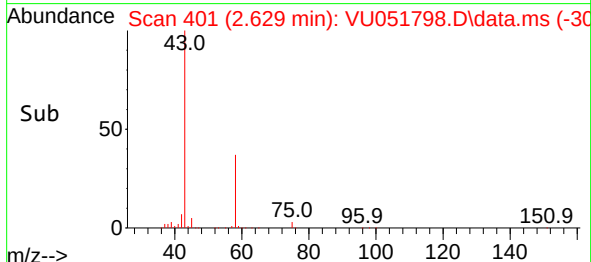
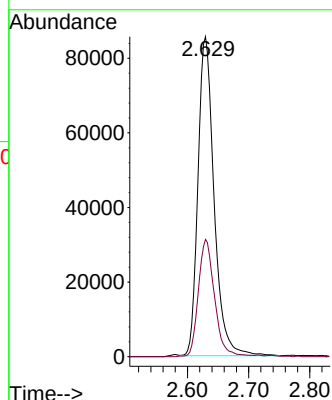
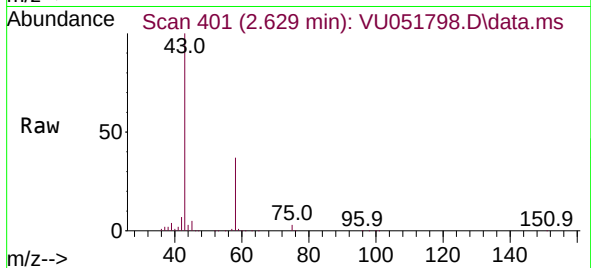
VSTD005196

Tgt Ion: 43 Resp: 156738

Ion Ratio Lower Upper

43 100

58 36.9 0.0 73.8



#14

Carbon disulfide

Concen: 3.157 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU051798.D

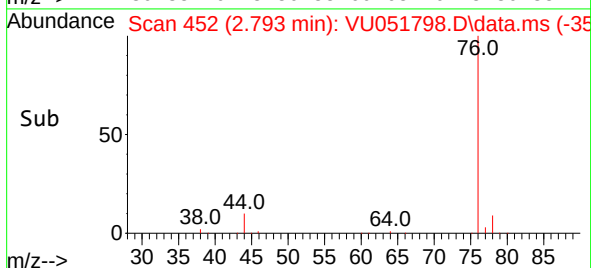
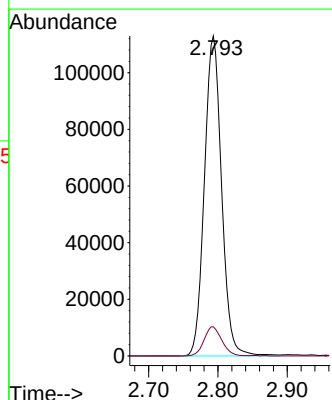
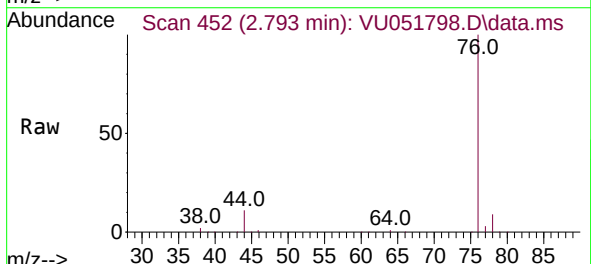
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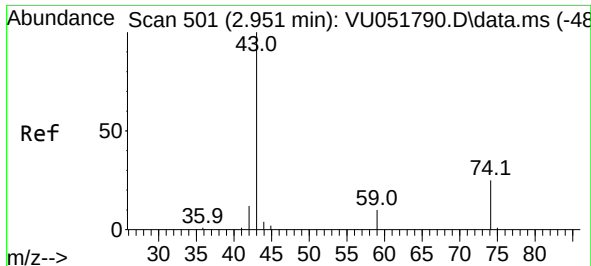
Tgt Ion: 76 Resp: 194046

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

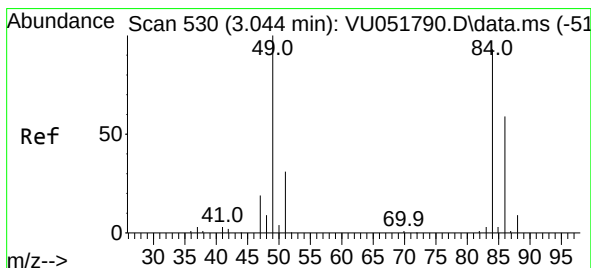
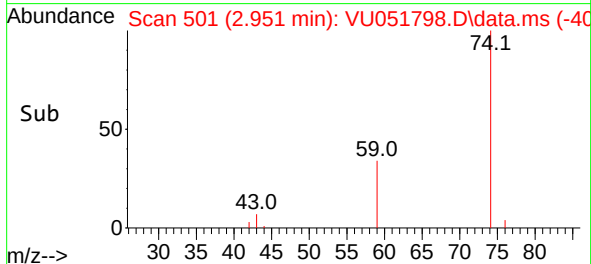
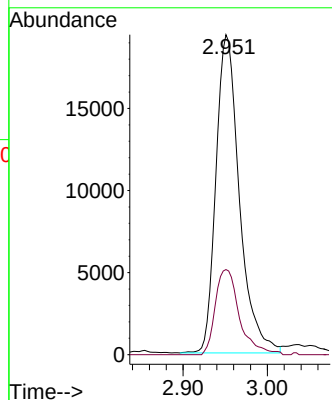
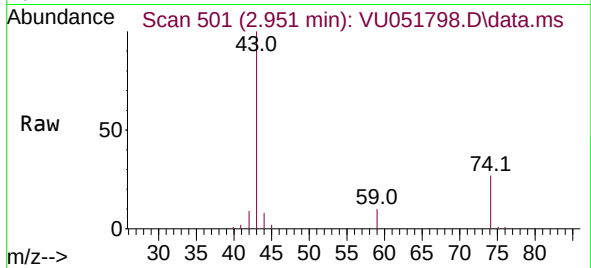




#15
Methyl Acetate
Concen: 4.707 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

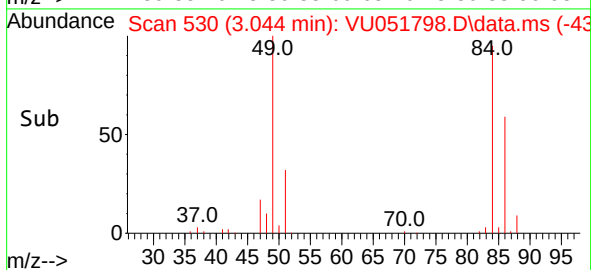
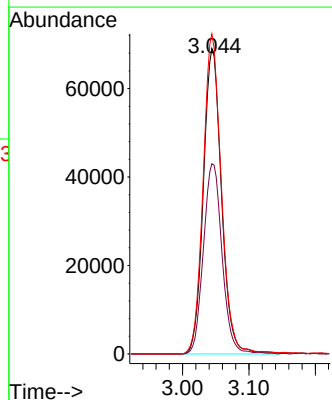
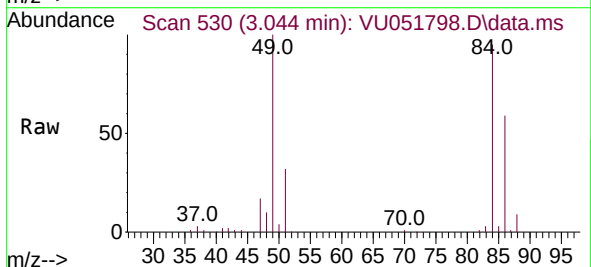
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

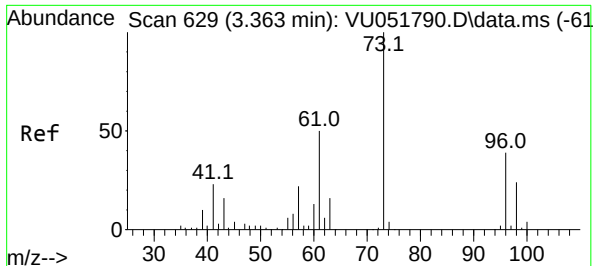
Tgt Ion: 43 Resp: 37403
Ion Ratio Lower Upper
43 100
74 27.5 20.2 30.4



#16
Methylene chloride
Concen: 4.196 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

Tgt Ion: 84 Resp: 131034
Ion Ratio Lower Upper
84 100
86 62.3 46.3 85.9
49 104.7 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 4.782 ug/L

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051798.D

Acq: 10 Nov 2022 10:57

Instrument :

MSVOA_U

ClientSampleId :

VSTD005196

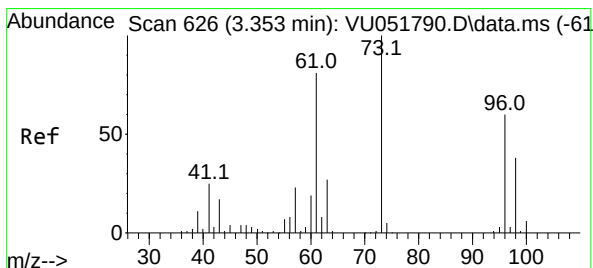
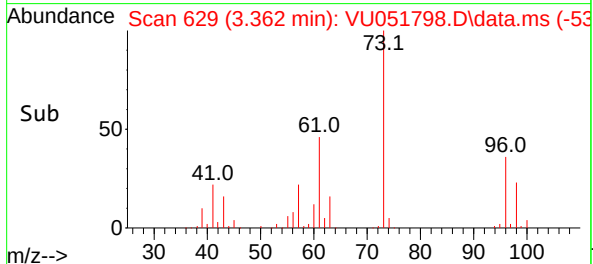
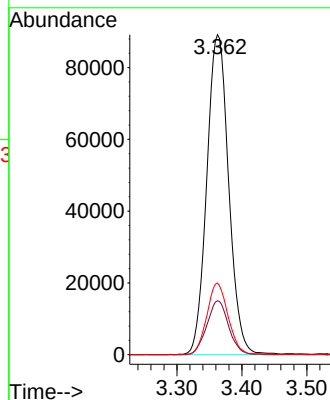
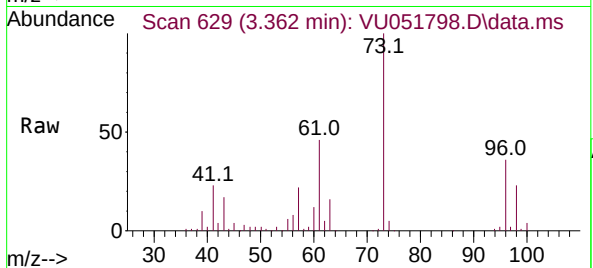
Tgt Ion: 73 Resp: 209055

Ion Ratio Lower Upper

73 100

43 16.4 13.6 20.4

57 21.7 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 4.097 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU051798.D

Acq: 10 Nov 2022 10:57

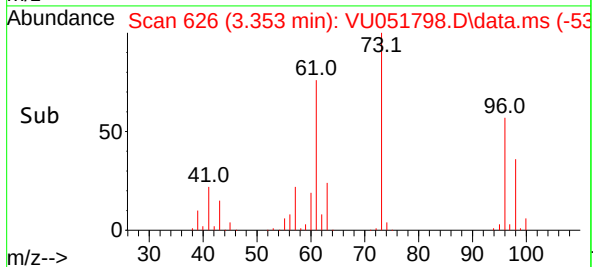
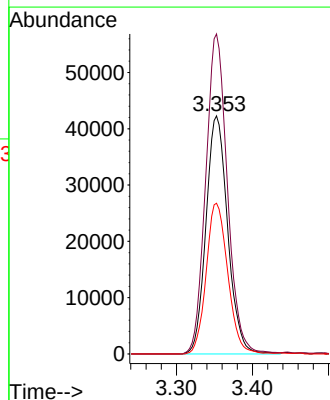
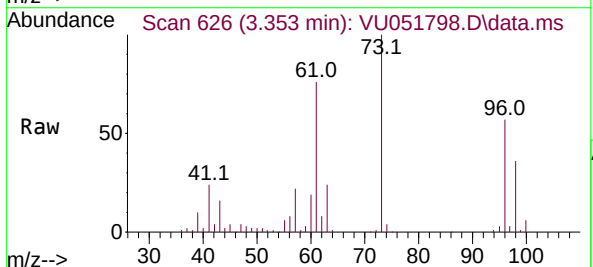
Tgt Ion: 96 Resp: 83827

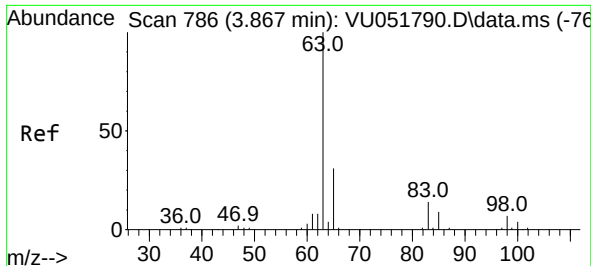
Ion Ratio Lower Upper

96 100

61 134.4 94.7 175.9

98 63.3 44.2 82.0

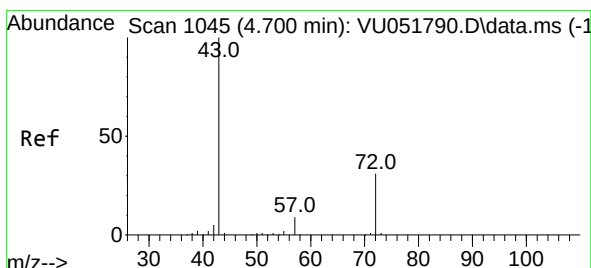
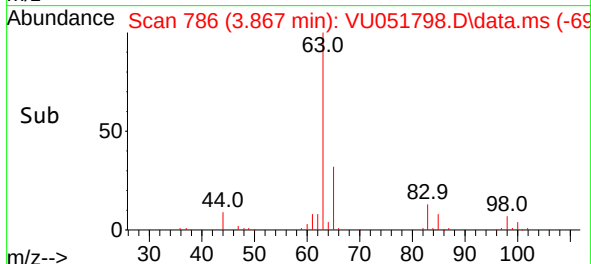
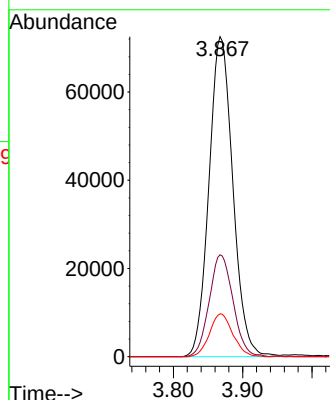
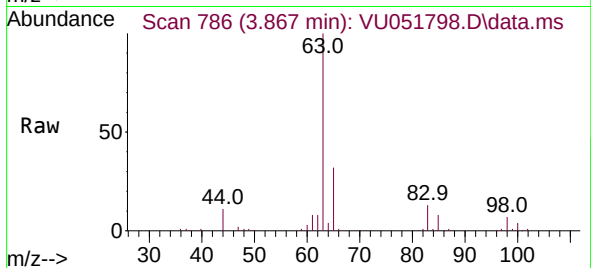




#19
1,1-Dichloroethane
Concen: 4.599 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

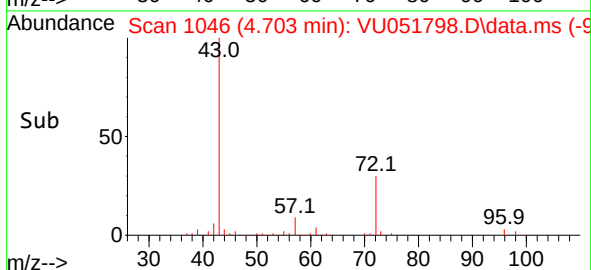
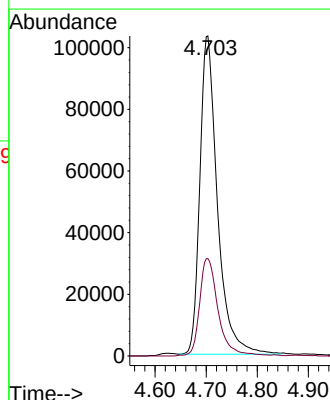
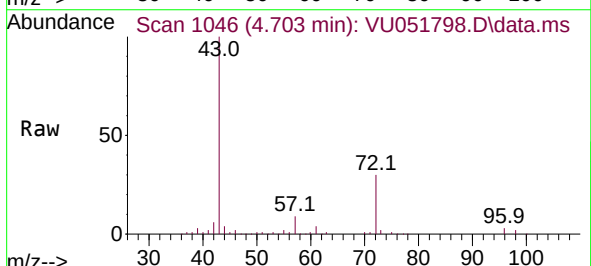
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

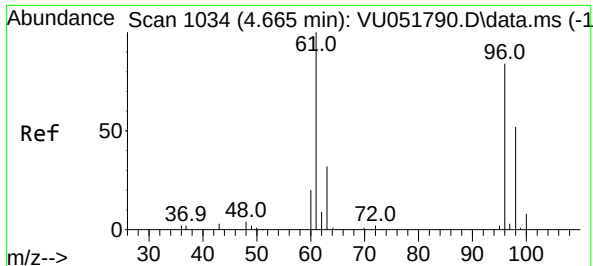
Tgt Ion: 63 Resp: 173563
Ion Ratio Lower Upper
63 100
65 31.8 22.7 42.1
83 13.4 9.2 17.0



#21
2-Butanone
Concen: 51.933 ug/L
RT: 4.703 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

Tgt Ion: 43 Resp: 246845
Ion Ratio Lower Upper
43 100
72 32.3 16.2 48.5



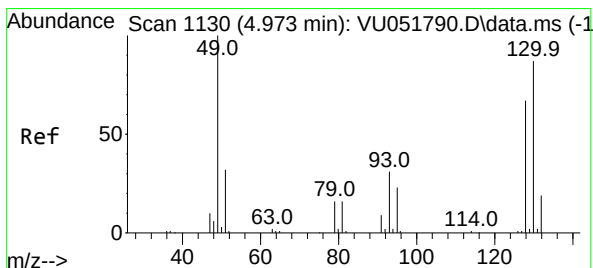
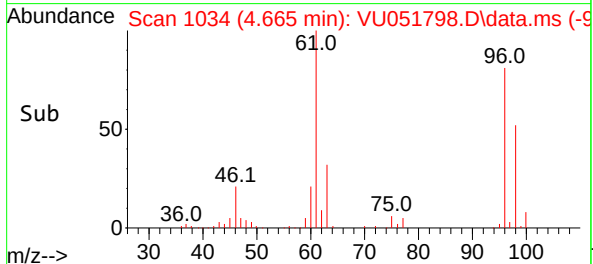
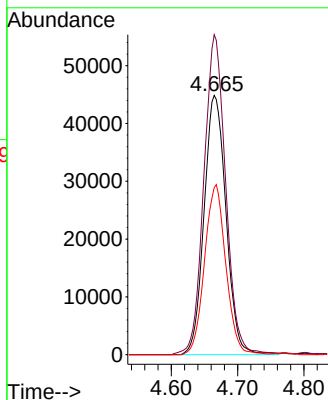
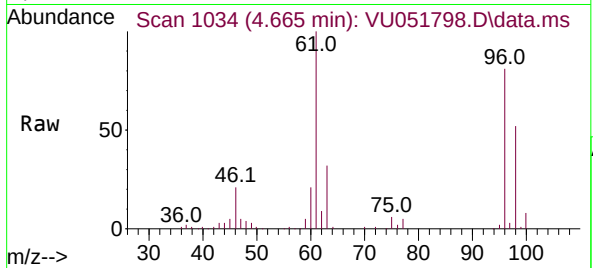


#22
 cis-1,2-Dichloroethene
 Concen: 4.562 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051798.D
 Acq: 10 Nov 2022 10:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005196

Tgt Ion: 96 Resp: 103297

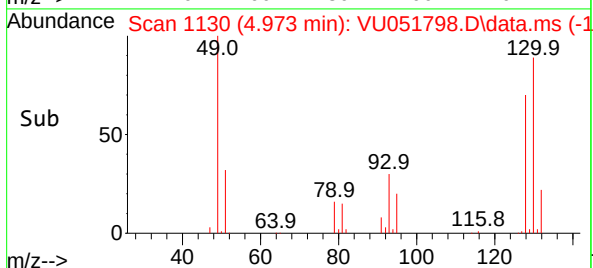
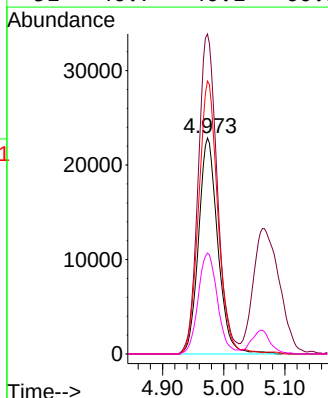
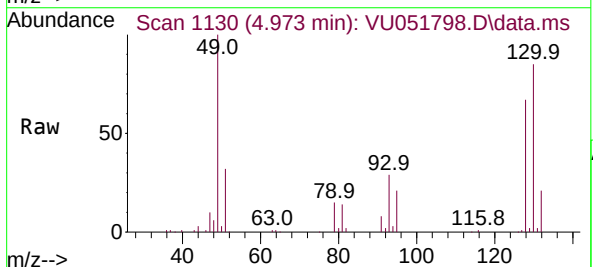
Ion	Ratio	Lower	Upper
96	100		
61	123.4	86.4	160.4
98	64.4	44.2	82.2

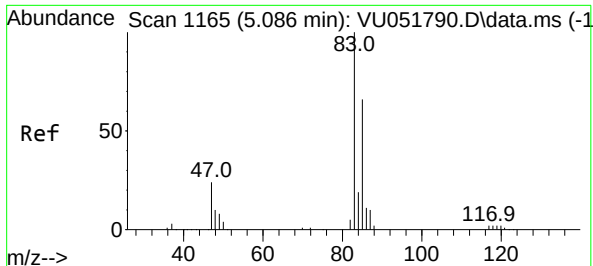


#23
 Bromochloromethane
 Concen: 4.716 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU051798.D
 Acq: 10 Nov 2022 10:57

Tgt Ion: 128 Resp: 49925

Ion	Ratio	Lower	Upper
128	100		
49	148.2	105.5	195.9
130	126.4	93.5	173.7
51	46.7	40.1	60.1





#25

Chloroform

Concen: 4.859 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051798.D

Acq: 10 Nov 2022 10:57

Instrument :

MSVOA_U

ClientSampleId :

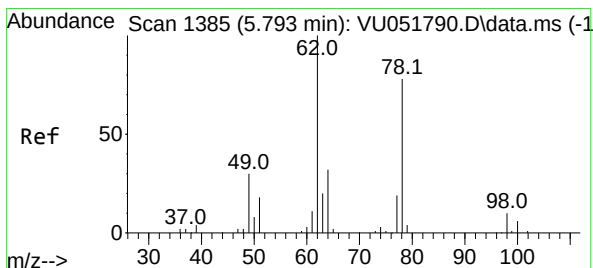
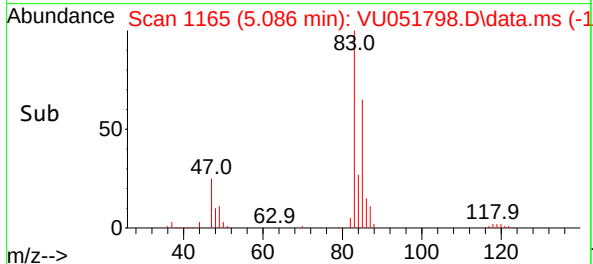
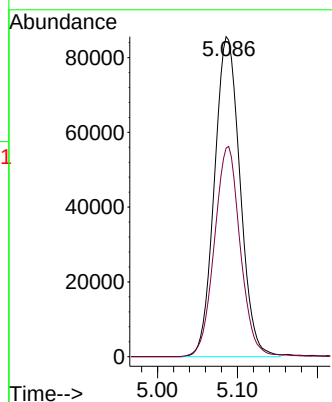
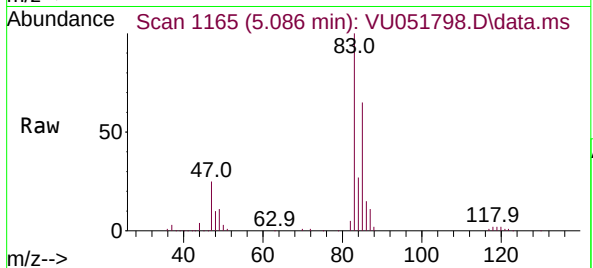
VSTD005196

Tgt Ion: 83 Resp: 190253

Ion Ratio Lower Upper

83 100

85 65.2 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.604 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU051798.D

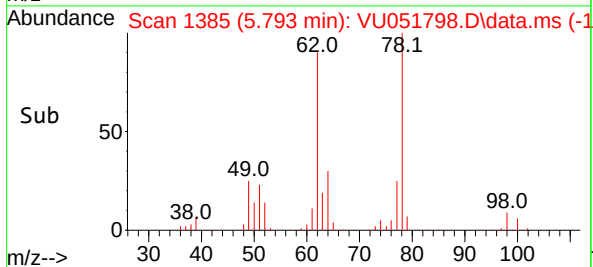
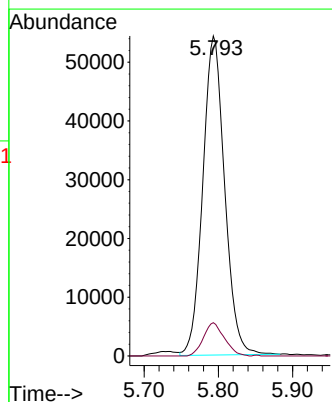
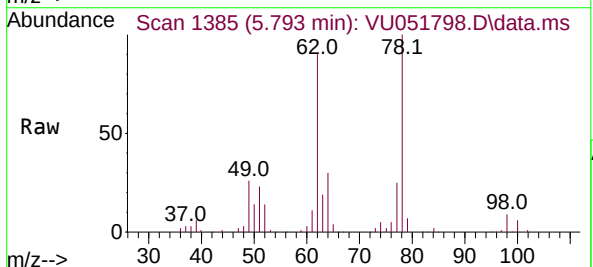
Acq: 10 Nov 2022 10:57

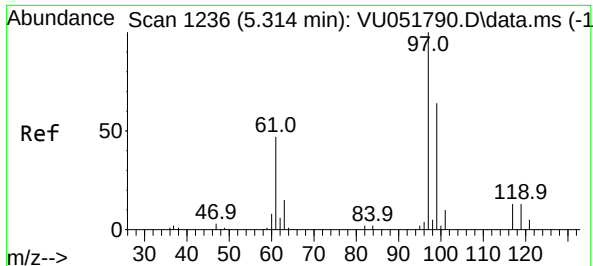
Tgt Ion: 62 Resp: 110934

Ion Ratio Lower Upper

62 100

98 10.4 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 4.691 ug/L

RT: 5.314 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU051798.D

Acq: 10 Nov 2022 10:57

Instrument :

MSVOA_U

ClientSampleId :

VSTD005196

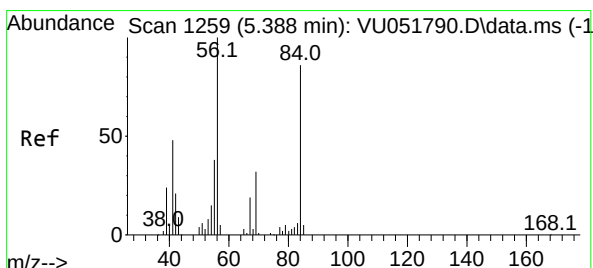
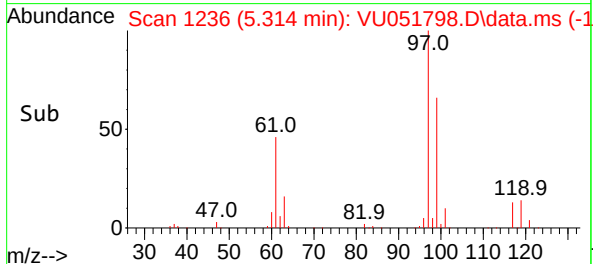
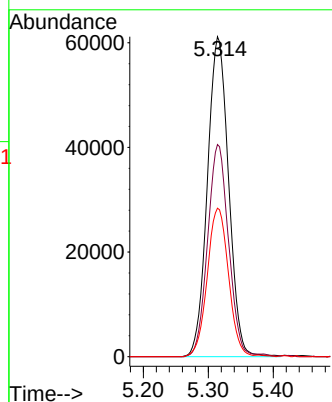
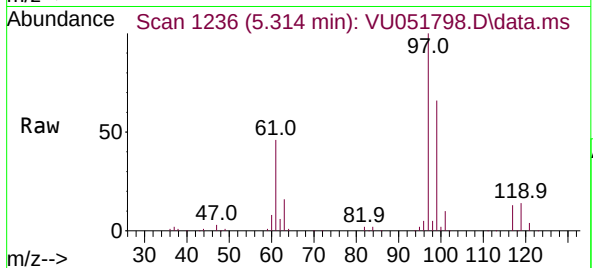
Tgt Ion: 97 Resp: 138875

Ion Ratio Lower Upper

97 100

99 65.5 51.1 76.7

61 46.5 37.4 56.0



#30

Cyclohexane

Concen: 3.967 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU051798.D

Acq: 10 Nov 2022 10:57

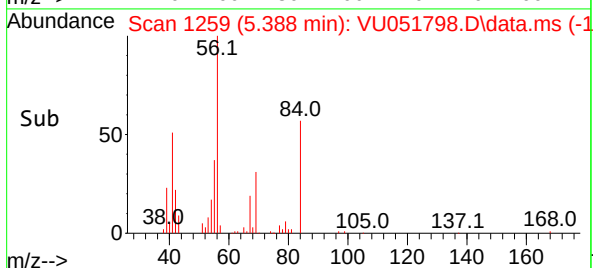
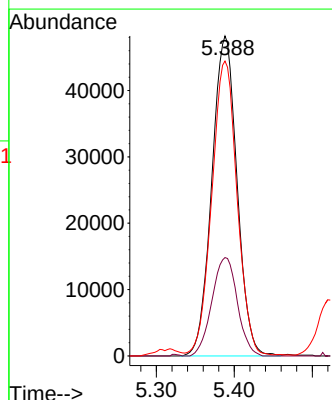
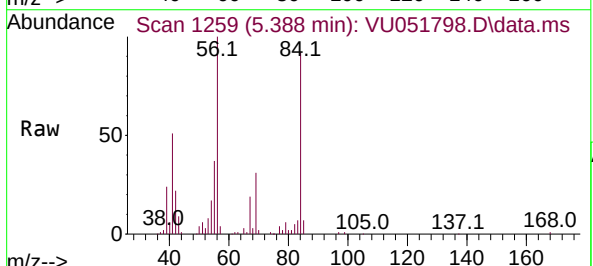
Tgt Ion: 56 Resp: 108143

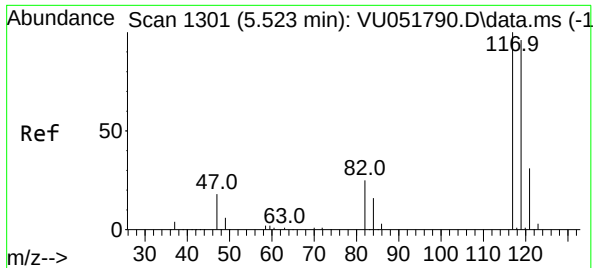
Ion Ratio Lower Upper

56 100

69 31.1 25.4 38.0

84 91.7 71.4 107.0

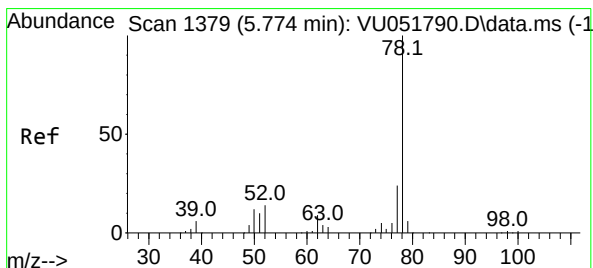
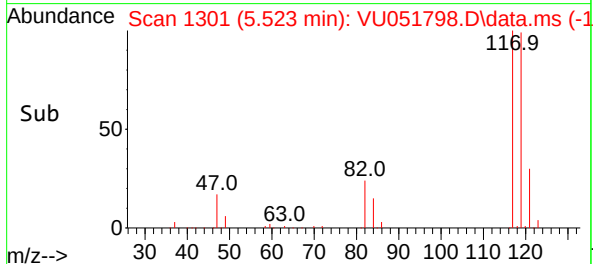
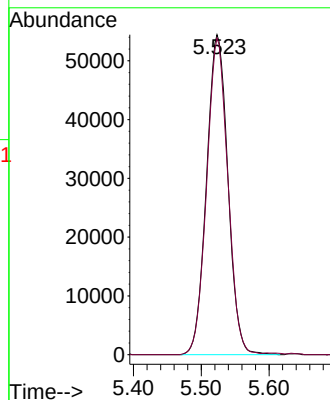
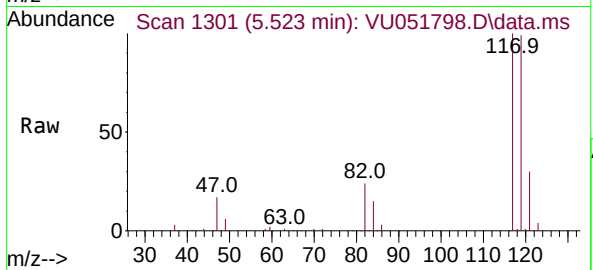




#31
Carbon tetrachloride
Concen: 4.712 ug/L
RT: 5.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

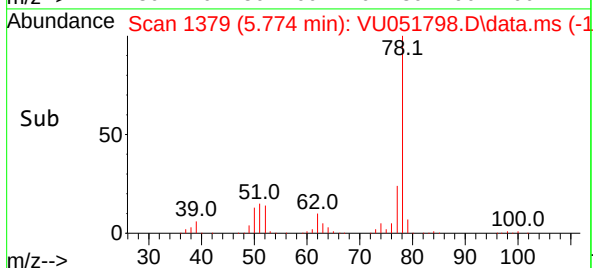
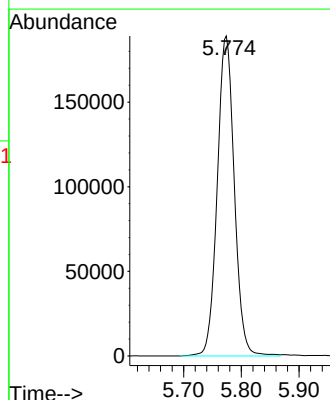
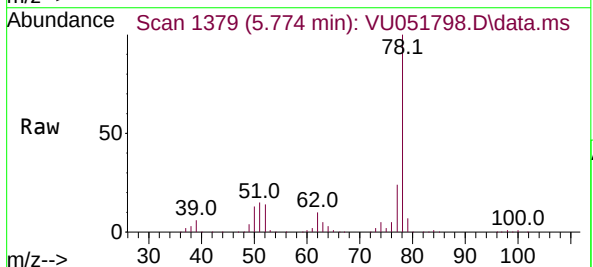
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

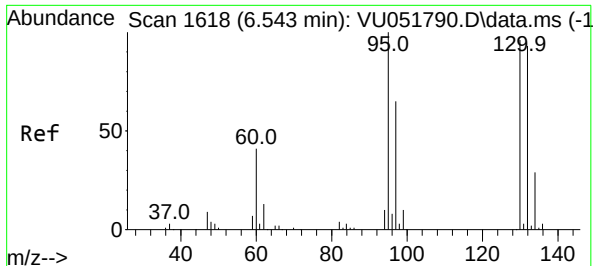
Tgt Ion:117 Resp: 119295
Ion Ratio Lower Upper
117 100
119 97.7 77.5 116.3



#33
Benzene
Concen: 4.506 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

Tgt Ion: 78 Resp: 387754

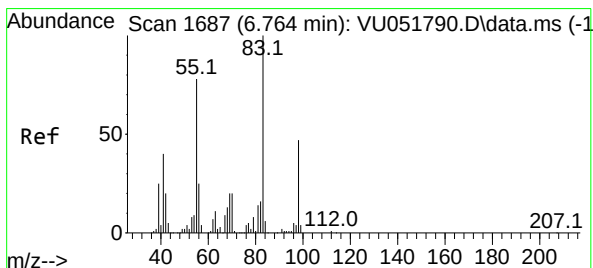
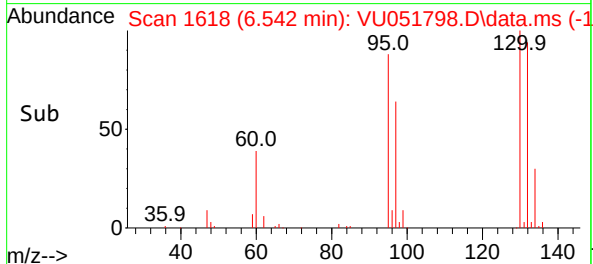
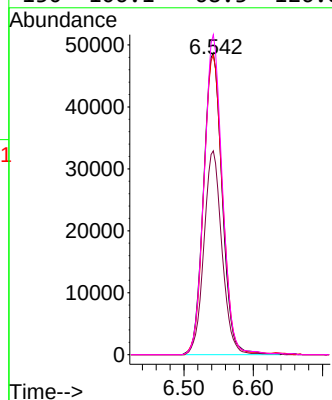
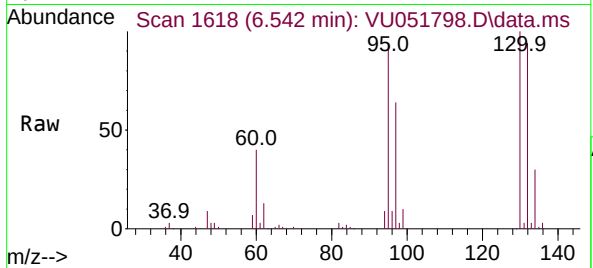




#34
Trichloroethene
Concen: 4.383 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

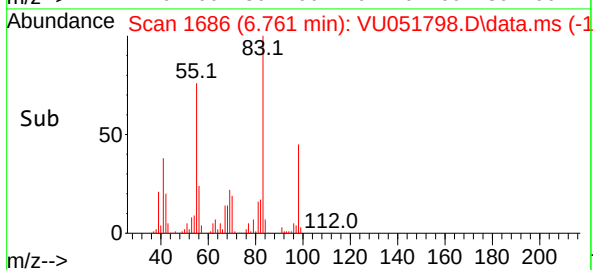
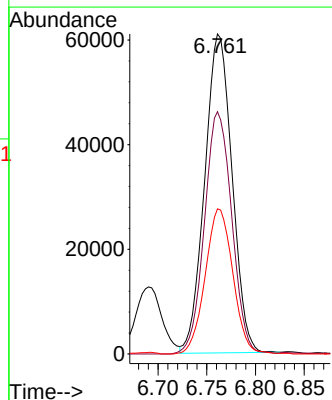
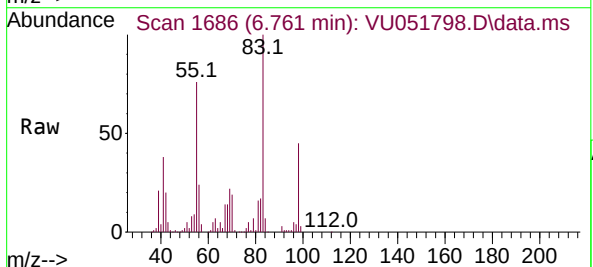
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

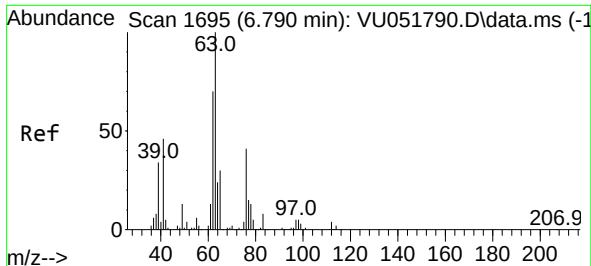
Tgt Ion: 95 Resp: 91009
Ion Ratio Lower Upper
95 100
97 67.6 45.2 84.0
132 99.3 66.5 123.5
130 106.1 68.3 126.8



#35
Methylcyclohexane
Concen: 4.146 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

Tgt Ion: 83 Resp: 119048
Ion Ratio Lower Upper
83 100
55 76.0 60.6 90.8
98 46.0 35.8 53.6

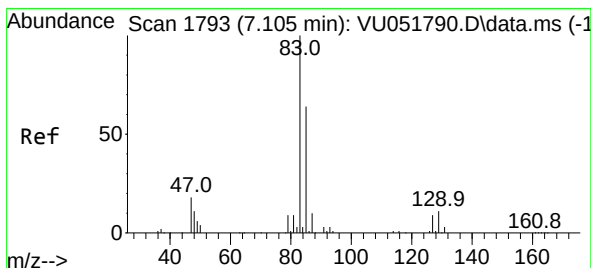
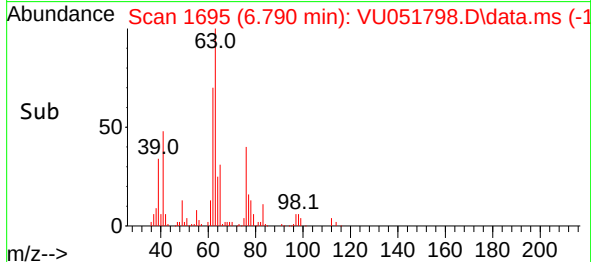
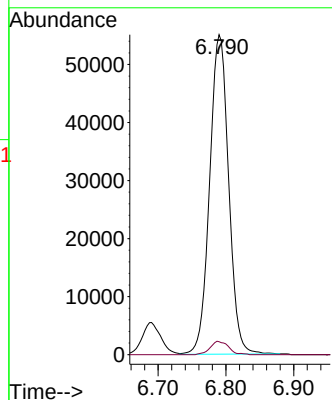
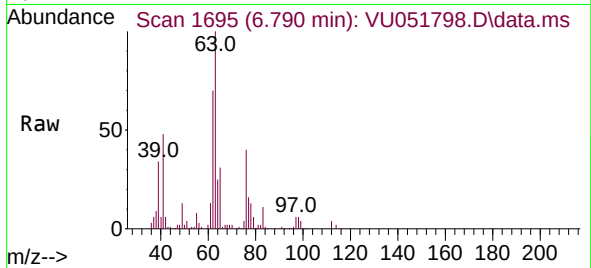




#37
1,2-Dichloropropane
Concen: 4.844 ug/L
RT: 6.790 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

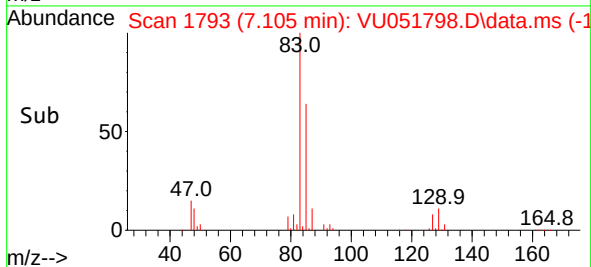
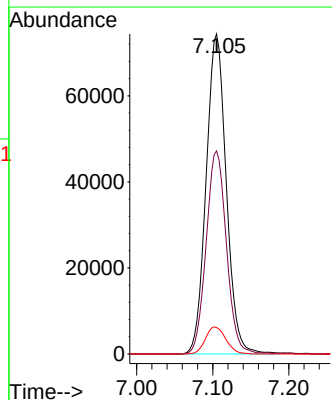
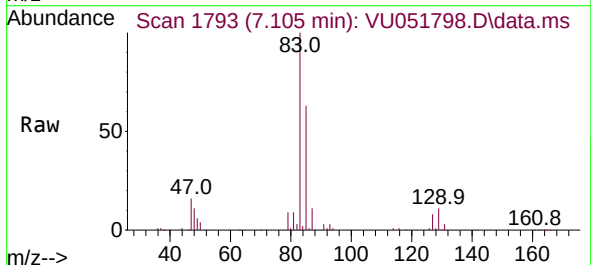
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

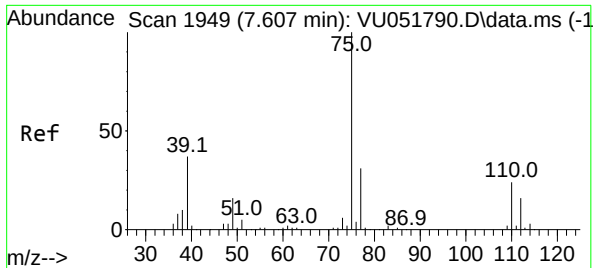
Tgt Ion: 63 Resp: 107208
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 5.067 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

Tgt Ion: 83 Resp: 136984
Ion Ratio Lower Upper
83 100
85 63.4 45.1 83.7
127 8.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.865 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051798.D

Acq: 10 Nov 2022 10:57

Instrument :

MSVOA_U

ClientSampleId :

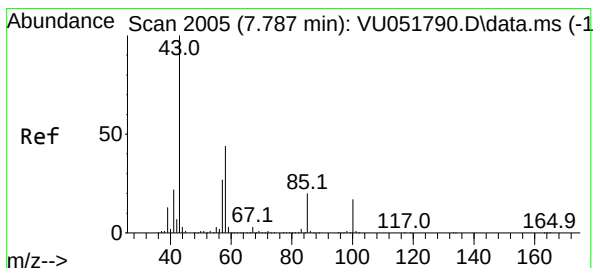
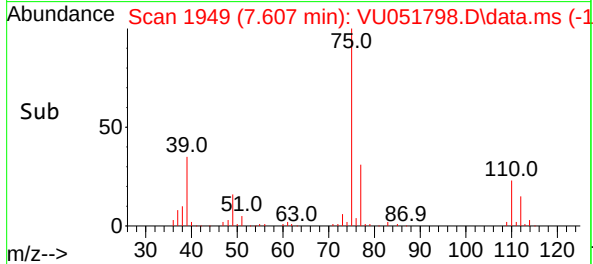
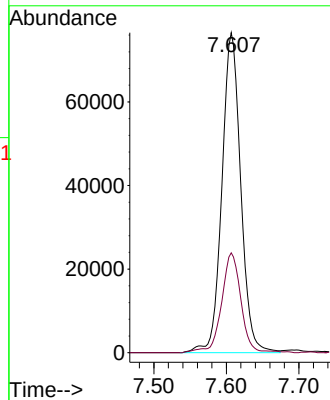
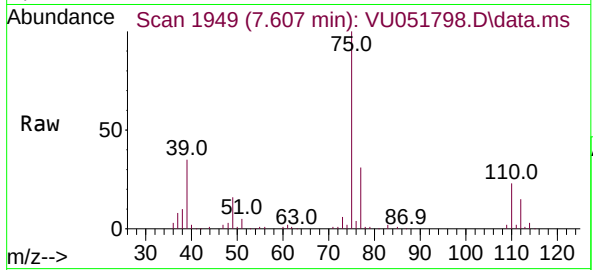
VSTD005196

Tgt Ion: 75 Resp: 138127

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 52.729 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU051798.D

Acq: 10 Nov 2022 10:57

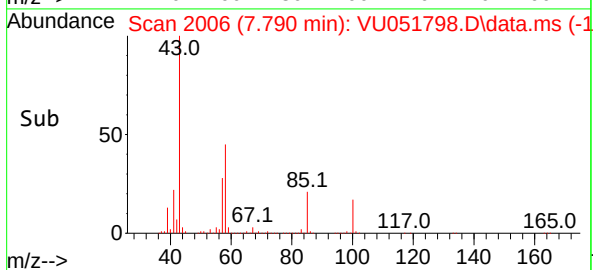
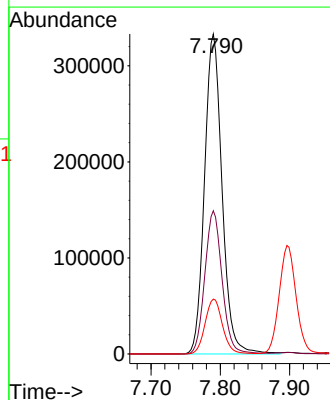
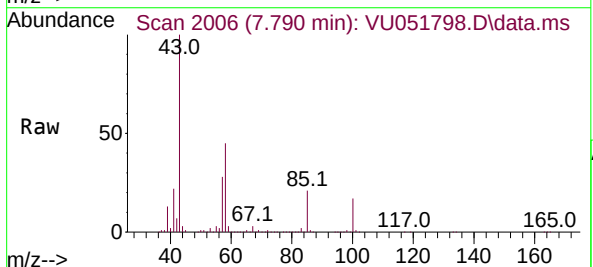
Tgt Ion: 43 Resp: 585336

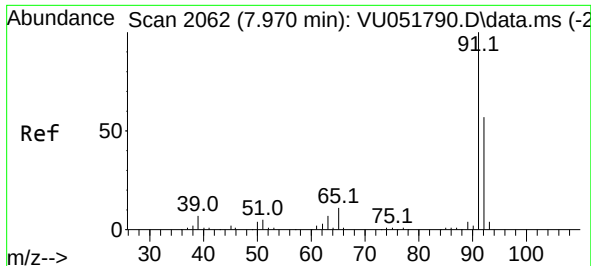
Ion Ratio Lower Upper

43 100

58 44.1 35.0 52.6

100 17.0 13.4 20.0





#42

Toluene

Concen: 4.737 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU051798.D

Acq: 10 Nov 2022 10:57

Instrument :

MSVOA_U

ClientSampleId :

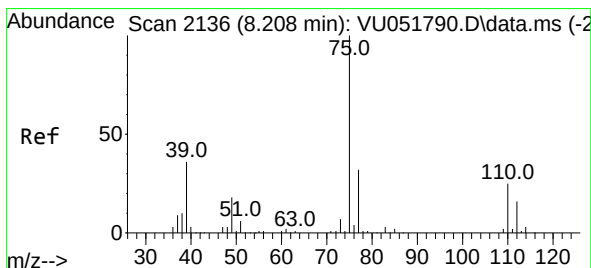
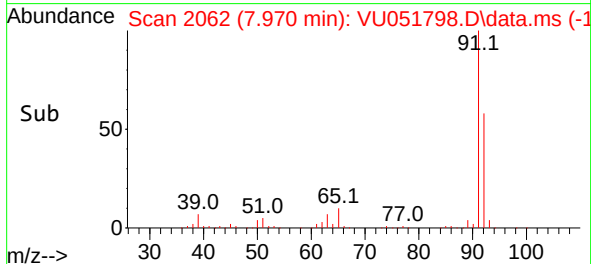
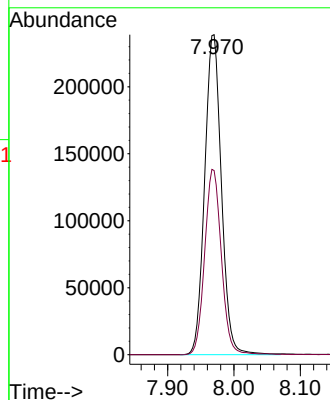
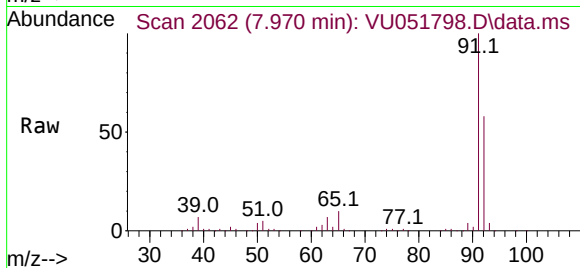
VSTD005196

Tgt Ion: 91 Resp: 418603

Ion Ratio Lower Upper

91 100

92 57.5 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.063 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051798.D

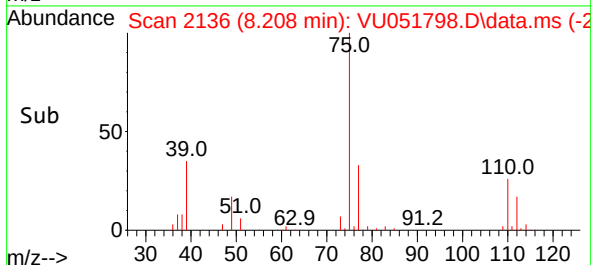
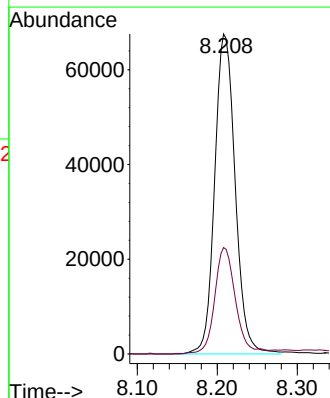
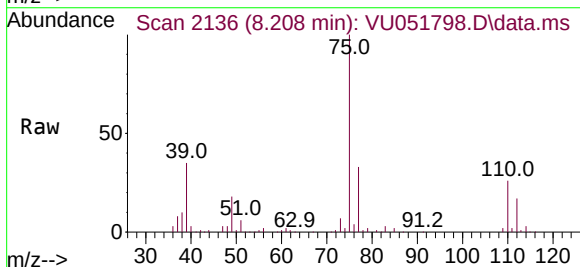
Acq: 10 Nov 2022 10:57

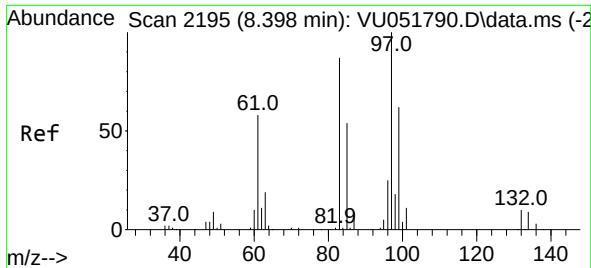
Tgt Ion: 75 Resp: 120148

Ion Ratio Lower Upper

75 100

77 33.2 21.8 40.6

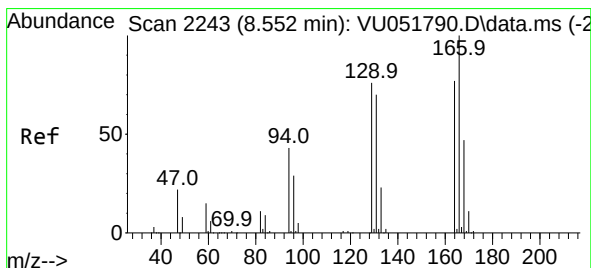
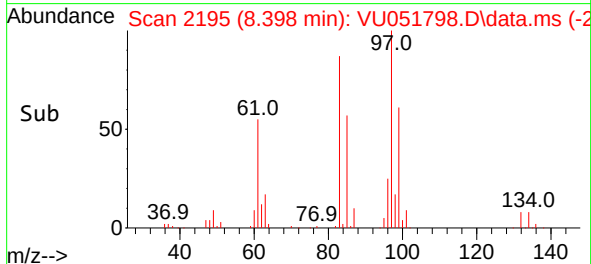
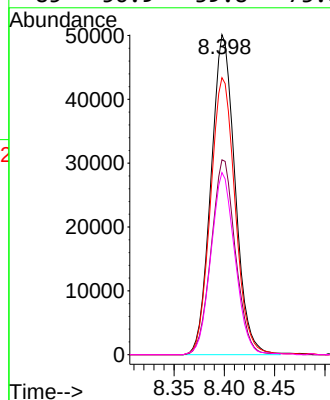
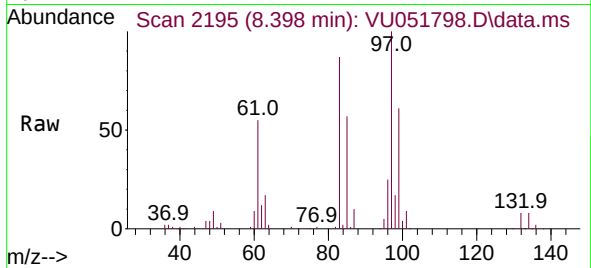




#45
1,1,2-Trichloroethane
Concen: 5.154 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

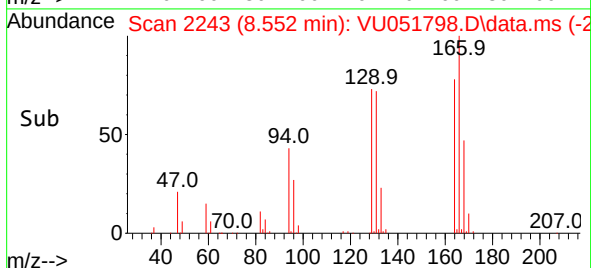
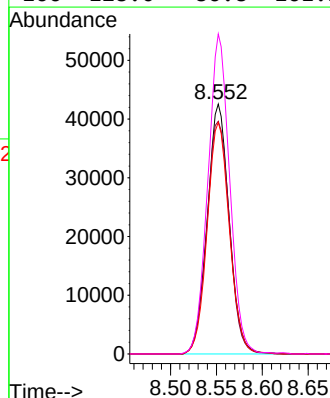
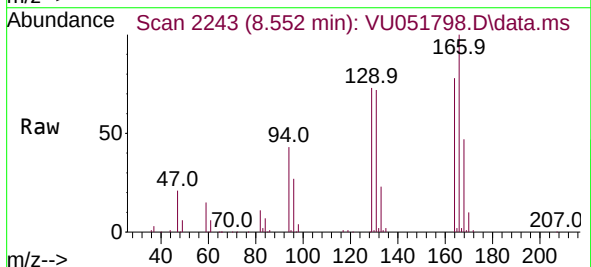
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

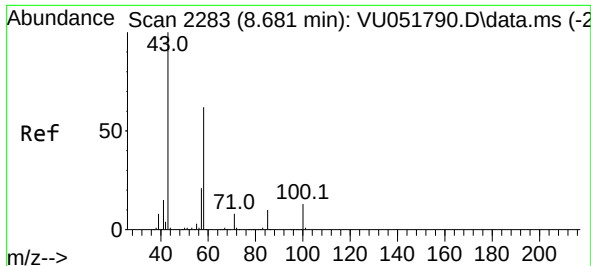
Tgt Ion:	97	Resp:	83581
Ion	Ratio	Lower	Upper
97	100		
99	60.9	43.4	80.6
83	86.5	61.3	113.9
85	56.9	39.8	73.8



#47
Tetrachloroethene
Concen: 4.469 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

Tgt Ion:	164	Resp:	71072
Ion	Ratio	Lower	Upper
164	100		
129	93.1	64.0	118.8
131	92.7	60.7	112.7
166	128.0	86.8	161.2

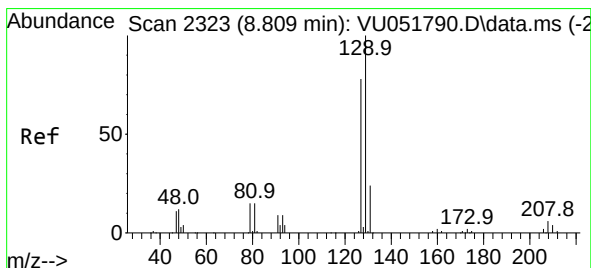
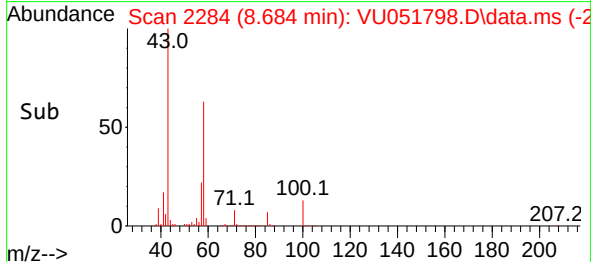
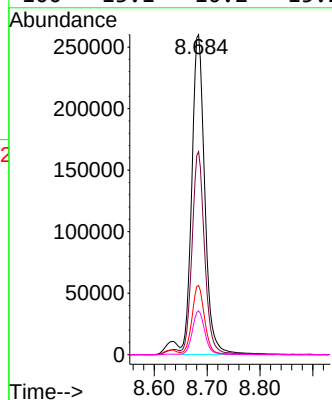
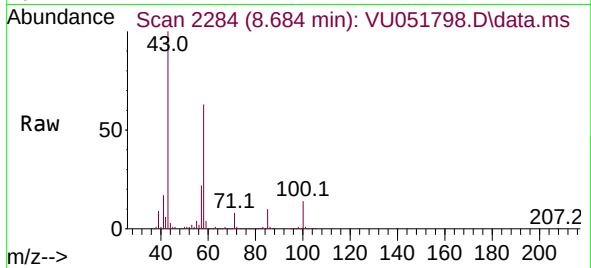




#48
2-Hexanone
Concen: 53.847 ug/L
RT: 8.684 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

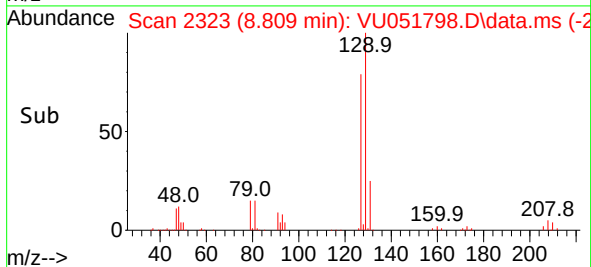
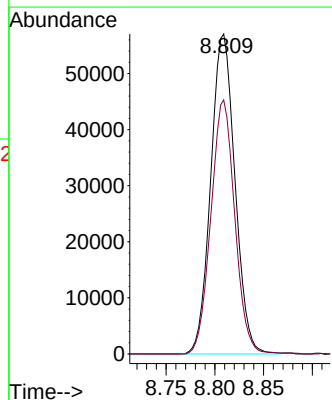
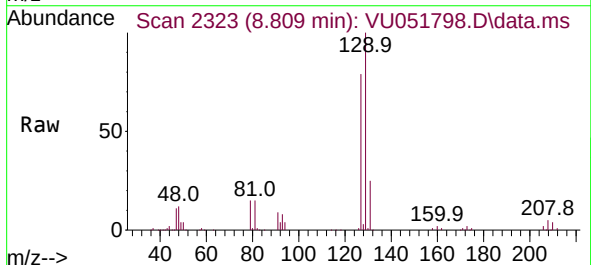
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

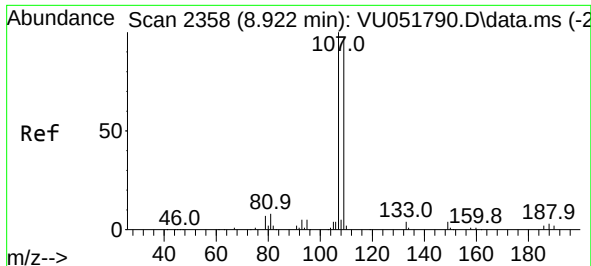
Tgt Ion: 43 Resp: 442452
Ion Ratio Lower Upper
43 100
58 60.6 48.2 72.2
57 20.8 16.6 25.0
100 13.1 10.2 15.2



#49
Dibromochloromethane
Concen: 5.314 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

Tgt Ion: 129 Resp: 98460
Ion Ratio Lower Upper
129 100
127 79.4 54.8 101.8

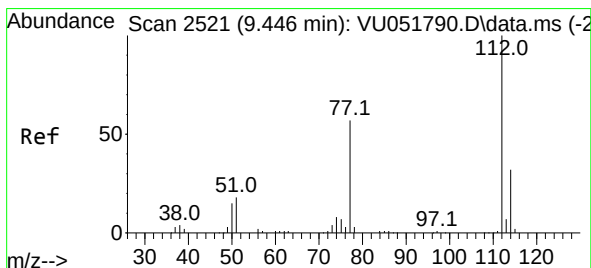
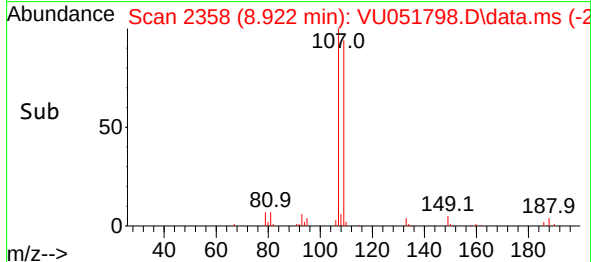
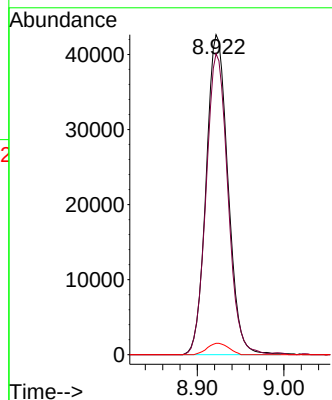
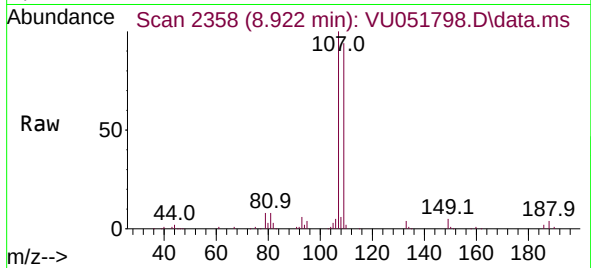




#50
1,2-Dibromoethane
Concen: 5.094 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

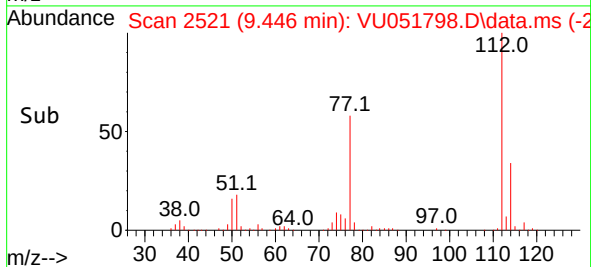
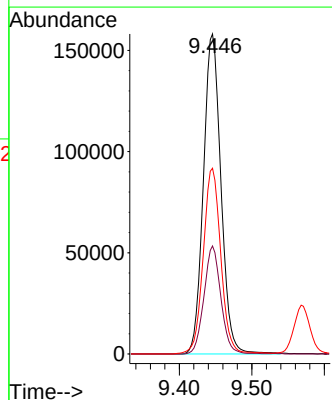
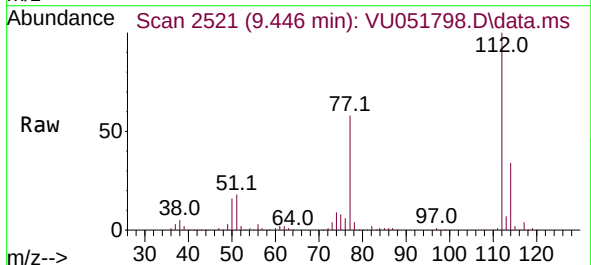
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

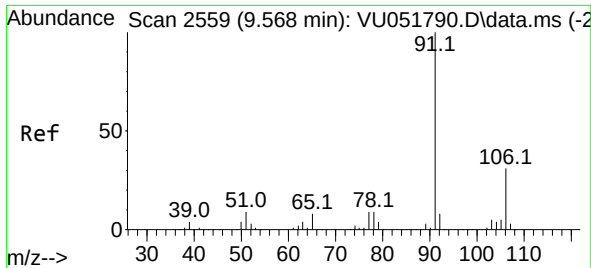
Tgt Ion:107 Resp: 74531
Ion Ratio Lower Upper
107 100
109 94.1 63.0 117.0
188 3.6 3.0 4.4



#51
Chlorobenzene
Concen: 4.793 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

Tgt Ion:112 Resp: 266564
Ion Ratio Lower Upper
112 100
114 33.7 22.0 40.8
77 58.1 46.7 70.1

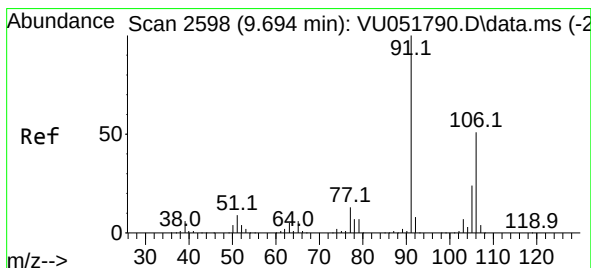
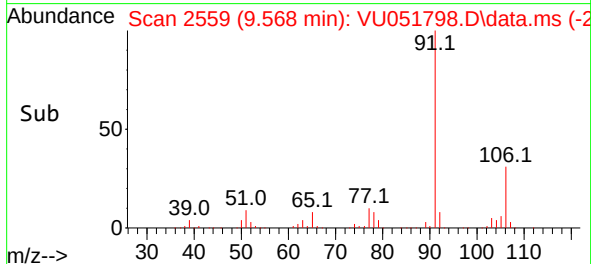
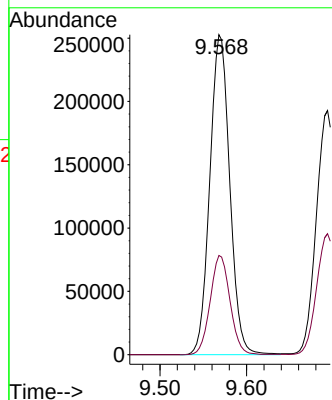
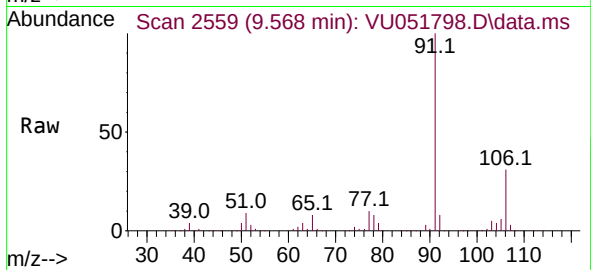




#52
Ethylbenzene
Concen: 4.740 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

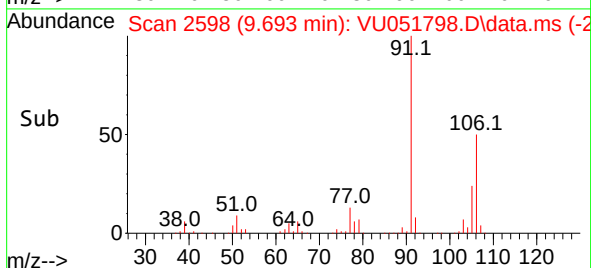
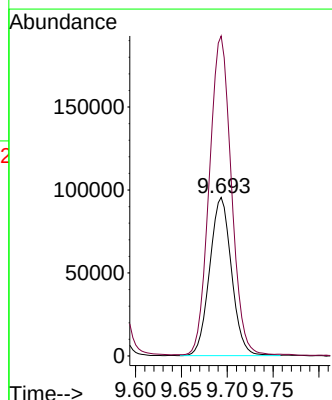
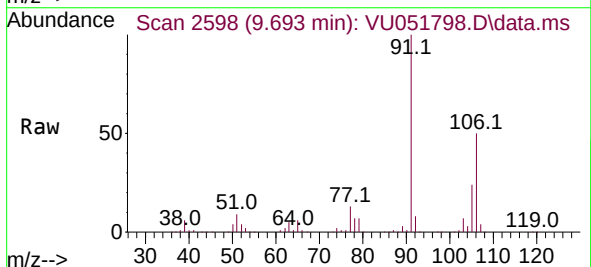
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

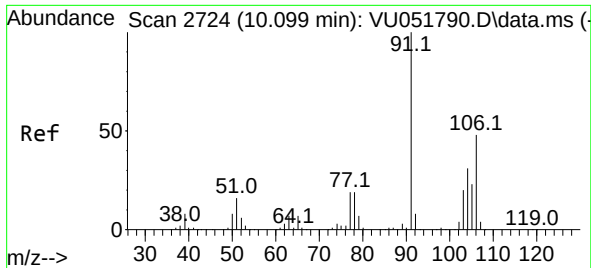
Tgt Ion: 91 Resp: 404202
Ion Ratio Lower Upper
91 100
106 31.0 21.8 40.6



#53
m,p-Xylene
Concen: 4.770 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

Tgt Ion: 106 Resp: 157967
Ion Ratio Lower Upper
106 100
91 201.9 139.4 259.0

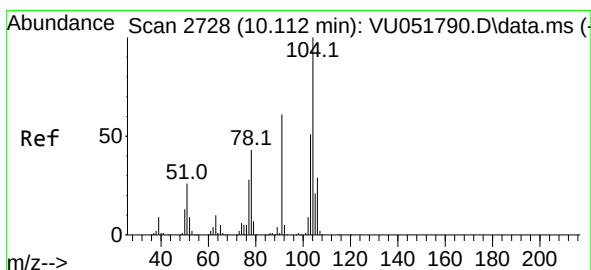
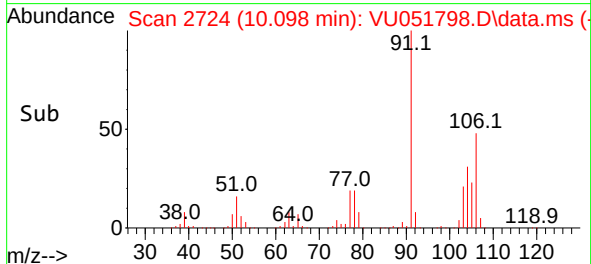
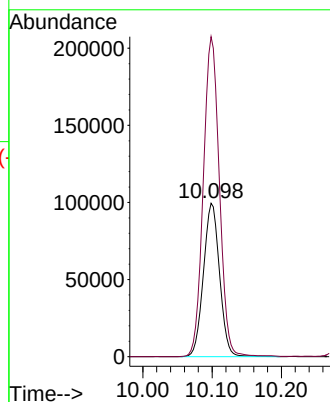
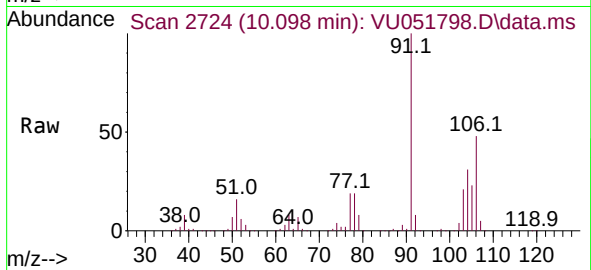




#54
o-Xylene
Concen: 4.955 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

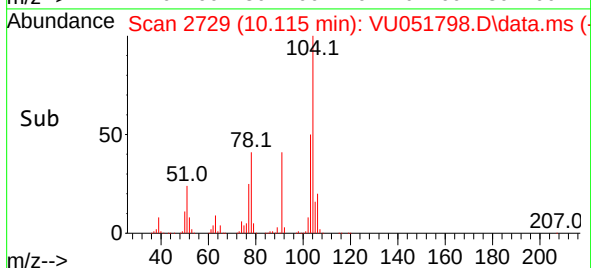
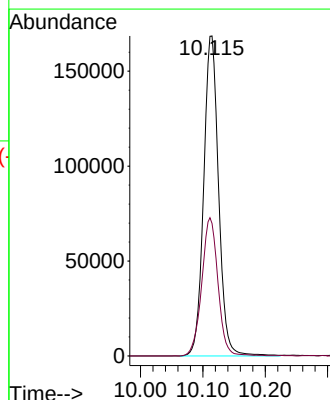
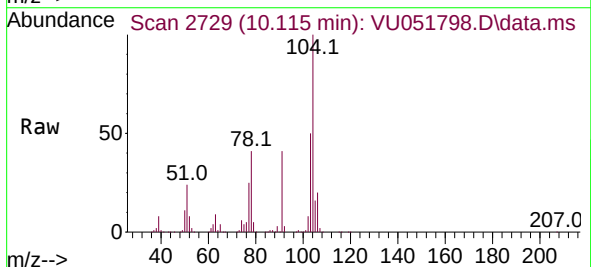
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

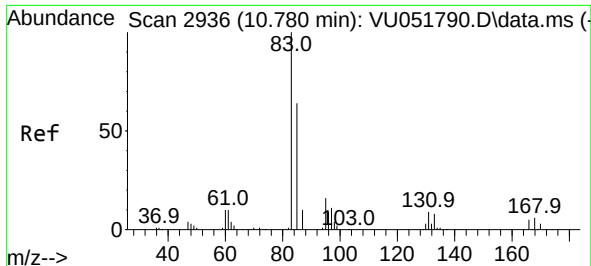
Tgt Ion:106 Resp: 160390
Ion Ratio Lower Upper
106 100
91 208.6 149.2 277.2



#55
Styrene
Concen: 5.197 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

Tgt Ion:104 Resp: 281208
Ion Ratio Lower Upper
104 100
78 41.4 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.366 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051798.D

Acq: 10 Nov 2022 10:57

Instrument :

MSVOA_U

ClientSampleId :

VSTD005196

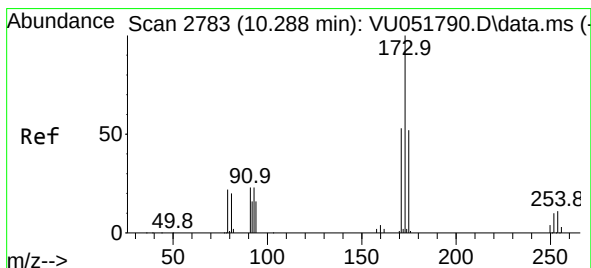
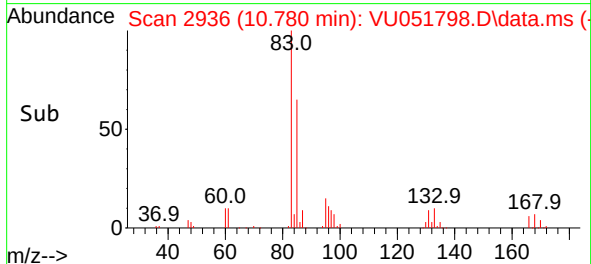
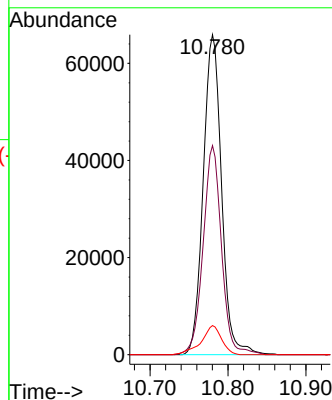
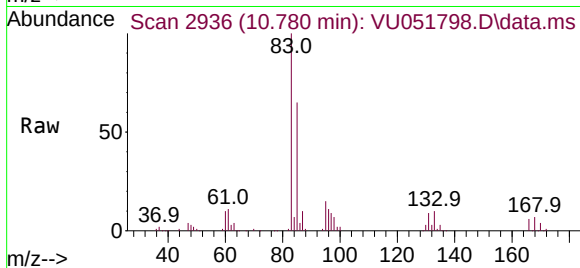
Tgt Ion: 83 Resp: 107902

Ion Ratio Lower Upper

83 100

85 65.4 44.9 83.5

131 9.1 7.8 11.8



#59

Bromoform

Concen: 5.559 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU051798.D

Acq: 10 Nov 2022 10:57

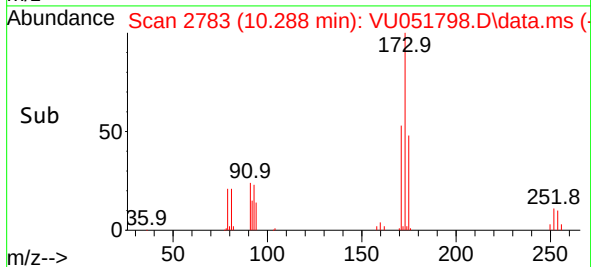
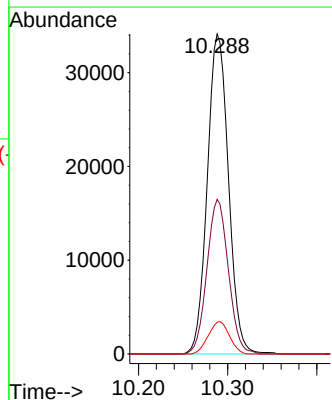
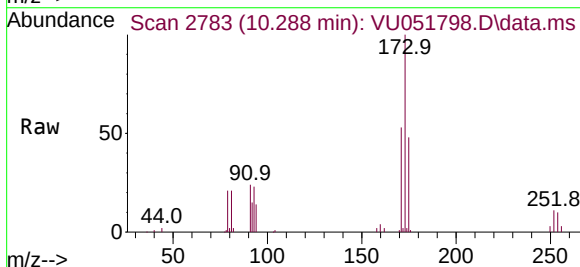
Tgt Ion:173 Resp: 56277

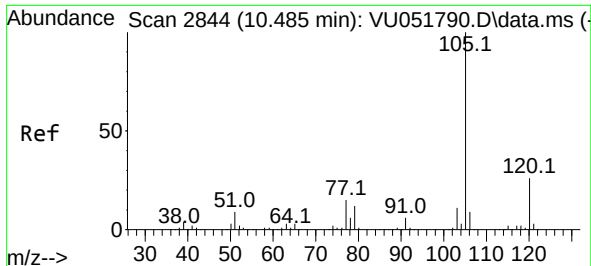
Ion Ratio Lower Upper

173 100

175 48.9 38.7 58.1

254 10.1 7.3 10.9

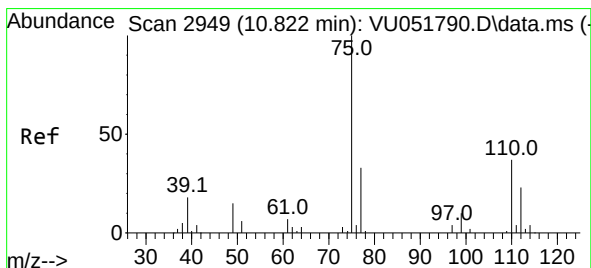
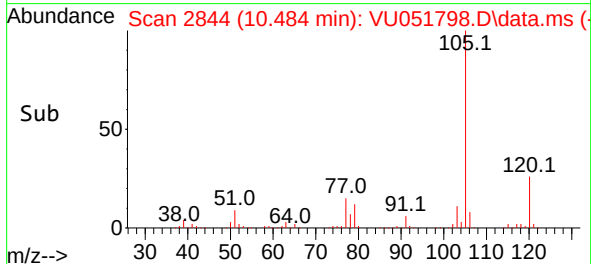
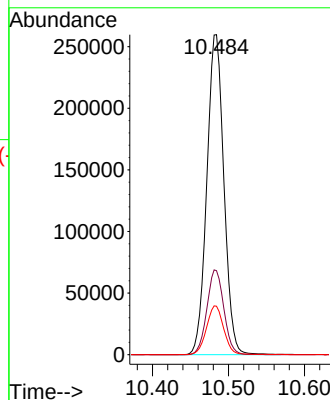
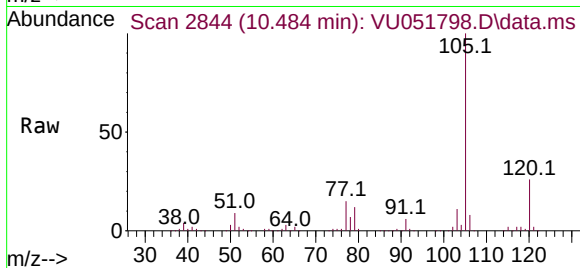




#60
Isopropylbenzene
Concen: 5.068 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

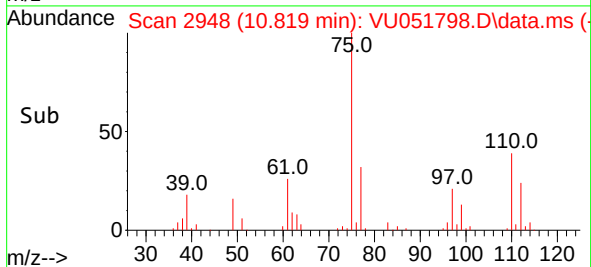
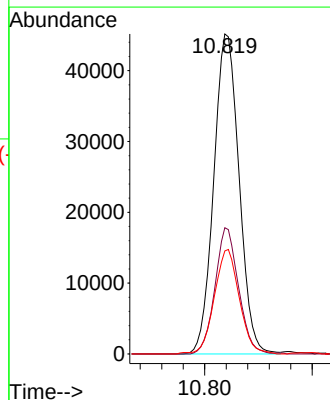
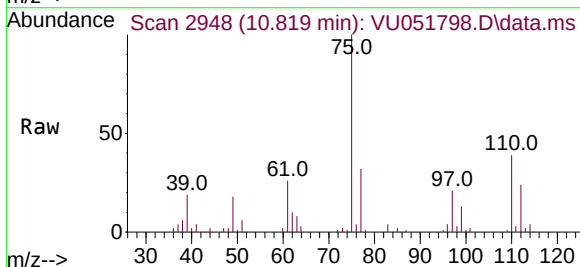
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

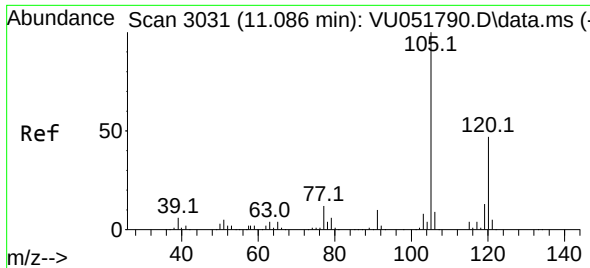
Tgt Ion:105 Resp: 405371
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 15.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.209 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

Tgt Ion: 75 Resp: 73805
Ion Ratio Lower Upper
75 100
110 36.6 28.7 43.1
77 32.3 26.1 39.1

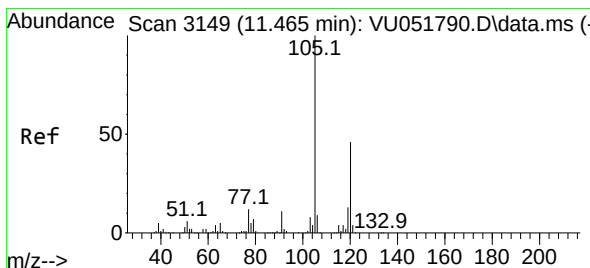
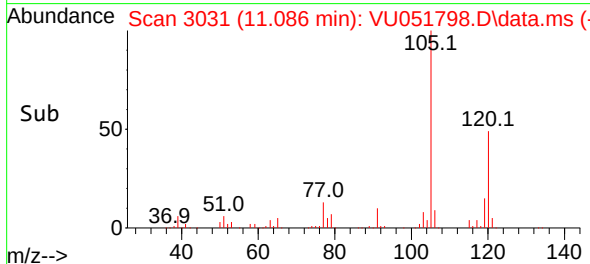
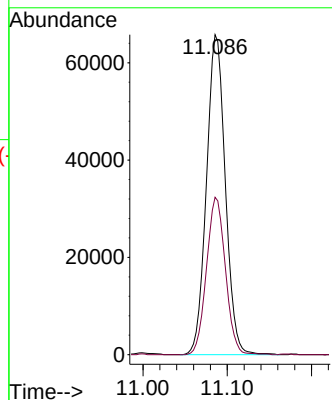
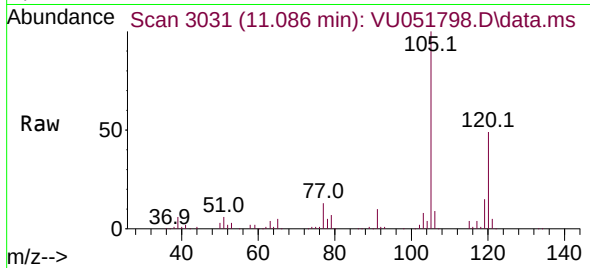




#62
1,3,5-Trimethylbenzene
Concen: 4.757 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

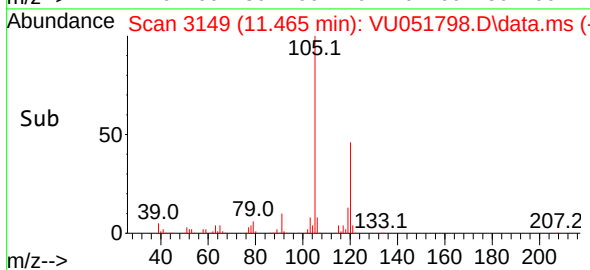
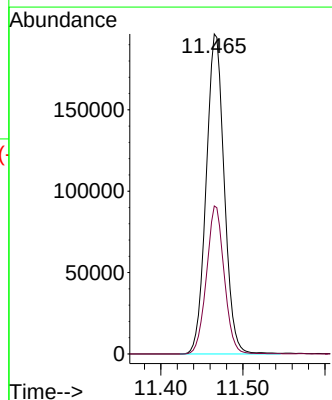
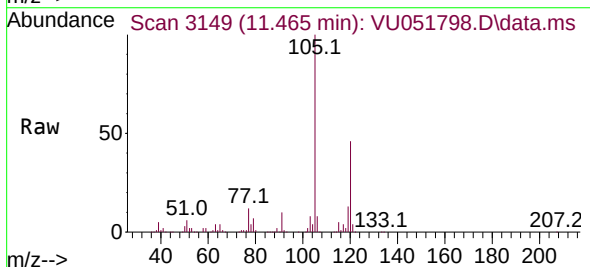
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

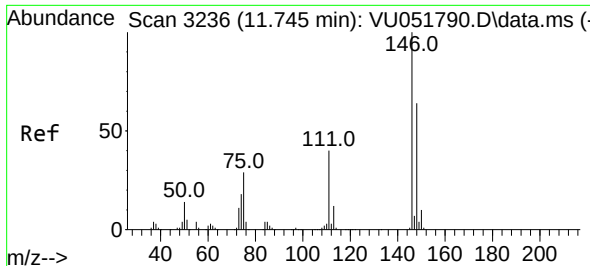
Tgt Ion:105 Resp: 102434
Ion Ratio Lower Upper
105 100
120 49.3 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 4.833 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

Tgt Ion:105 Resp: 300069
Ion Ratio Lower Upper
105 100
120 45.4 35.8 53.6

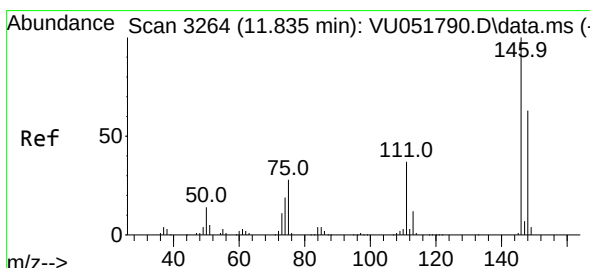
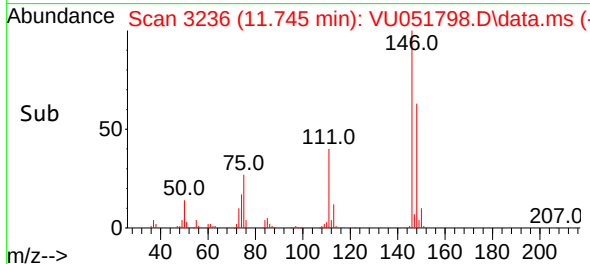
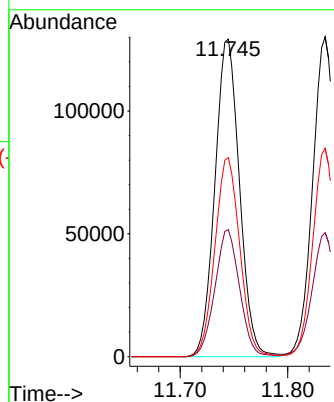
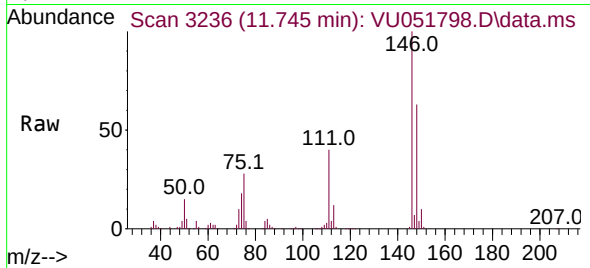




#64
1,3-Dichlorobenzene
Concen: 5.155 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

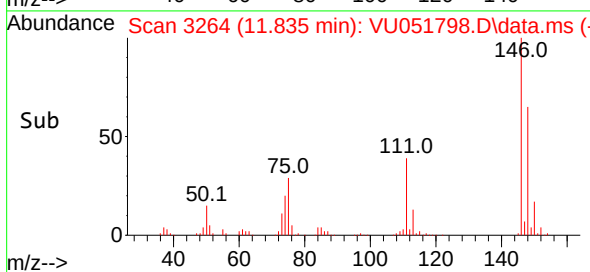
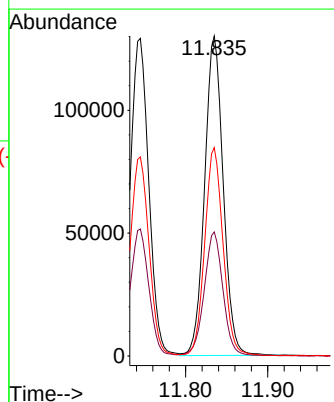
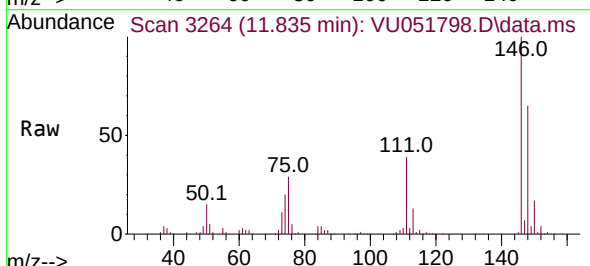
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

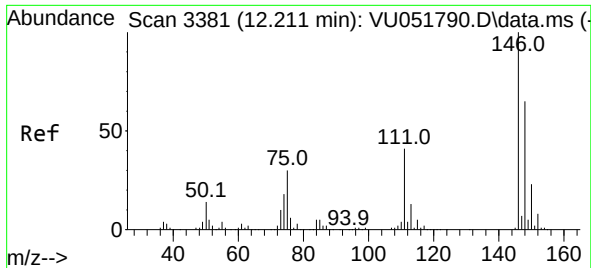
Tgt Ion:146 Resp: 205260
Ion Ratio Lower Upper
146 100
111 40.0 28.6 53.2
148 62.7 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.121 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

Tgt Ion:146 Resp: 204446
Ion Ratio Lower Upper
146 100
111 38.8 26.7 49.5
148 65.1 43.5 80.9

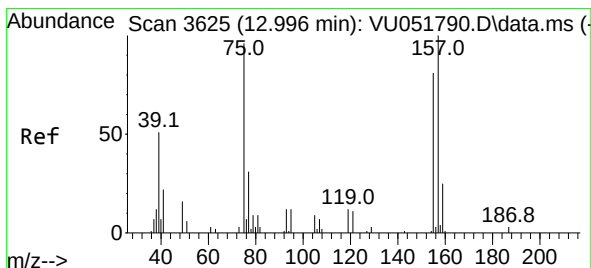
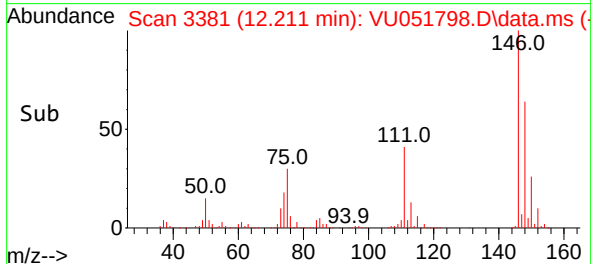
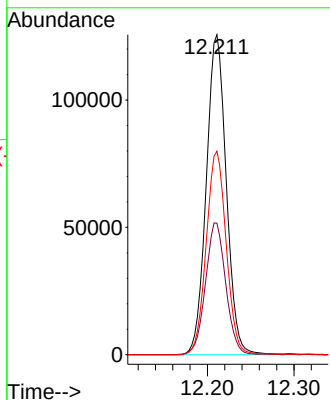
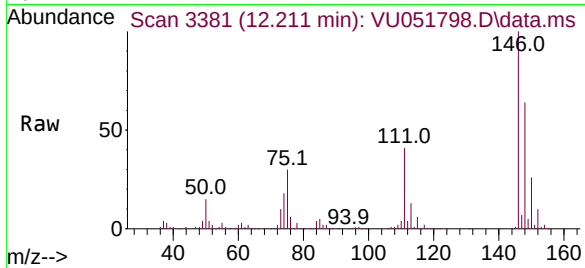




#67
1,2-Dichlorobenzene
Concen: 5.194 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

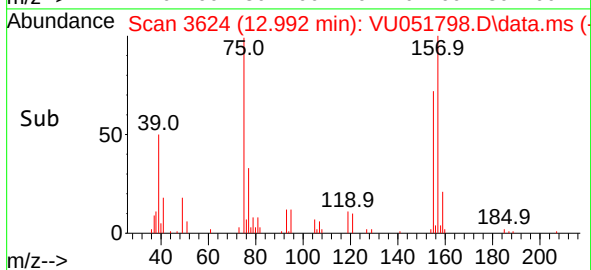
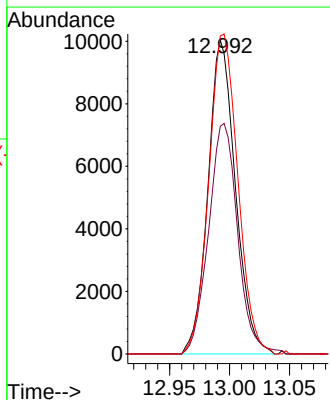
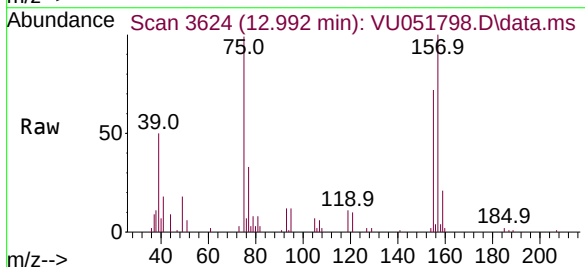
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

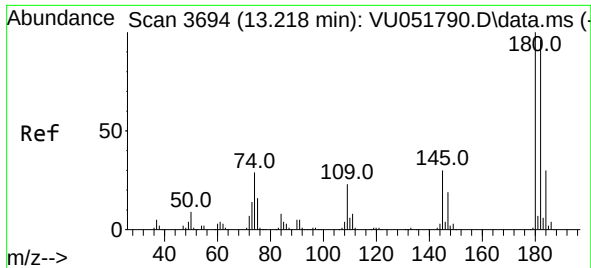
Tgt Ion:146 Resp: 201456
Ion Ratio Lower Upper
146 100
111 41.1 34.2 51.2
148 63.6 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.481 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. -0.003 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

Tgt Ion: 75 Resp: 15991
Ion Ratio Lower Upper
75 100
155 72.5 61.4 92.2
157 101.3 86.7 130.1





#69

1,3,5-Trichlorobenzene

Concen: 5.085 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.000 min

Lab File: VU051798.D

Acq: 10 Nov 2022 10:57

Instrument :

MSVOA_U

ClientSampleId :

VSTD005196

Tgt Ion:180 Resp: 144312

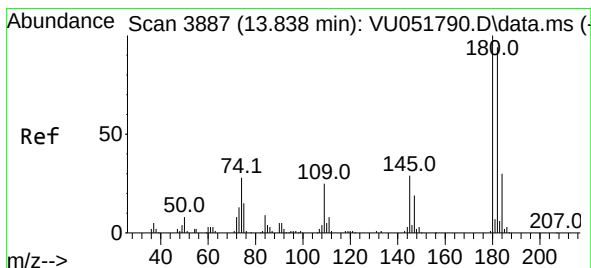
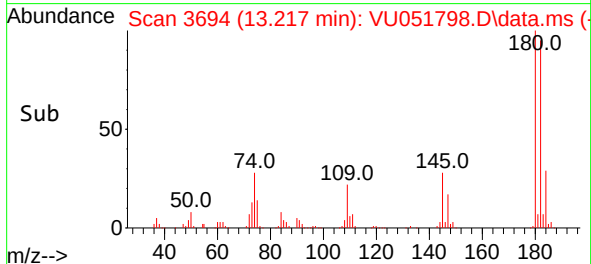
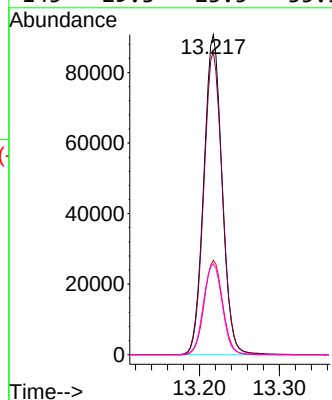
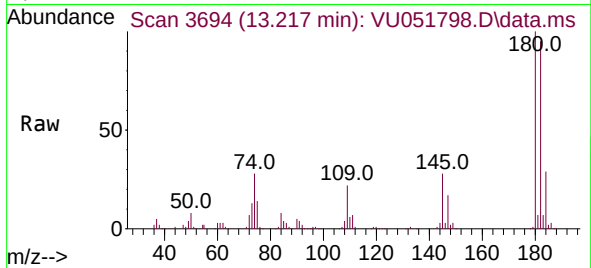
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

184 29.7 23.7 35.5

145 29.3 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 5.064 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU051798.D

Acq: 10 Nov 2022 10:57

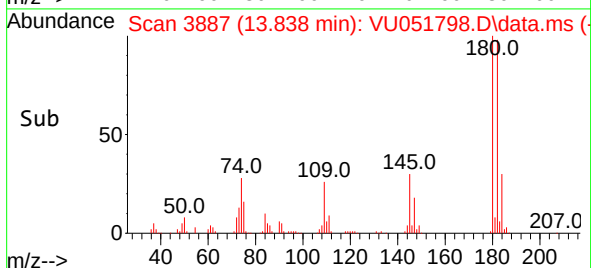
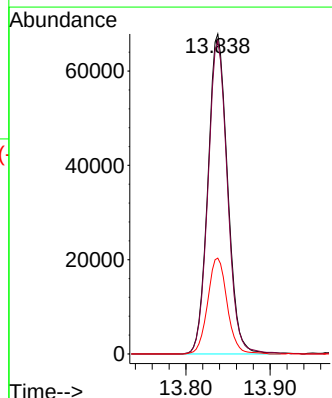
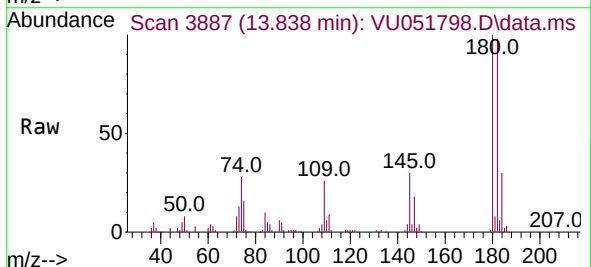
Tgt Ion:180 Resp: 110332

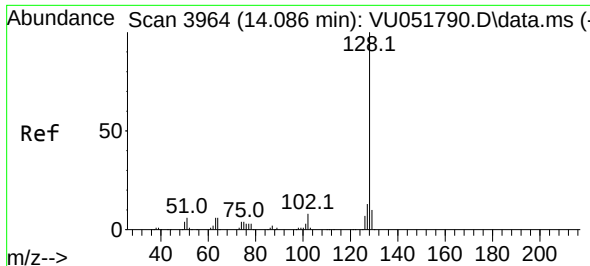
Ion Ratio Lower Upper

180 100

182 96.6 77.8 116.6

145 29.7 25.0 37.6

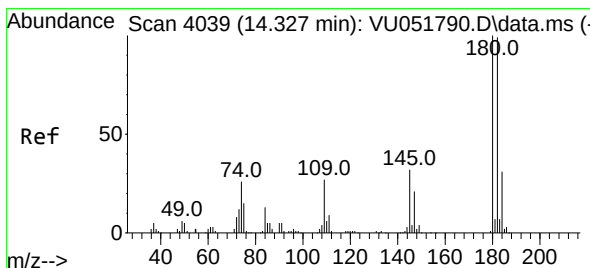
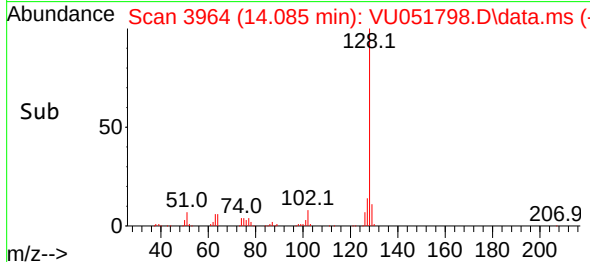
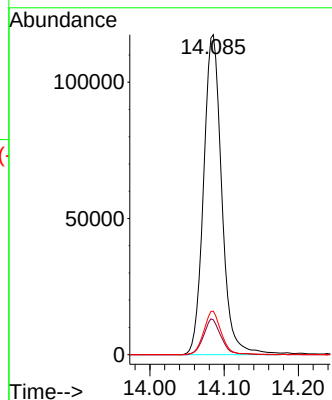
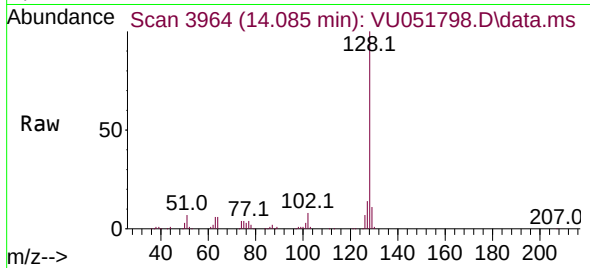




#71
Naphthalene
Concen: 4.900 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

Tgt Ion:128 Resp: 199299
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.2 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.148 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051798.D
Acq: 10 Nov 2022 10:57

Tgt Ion:180 Resp: 113261
Ion Ratio Lower Upper
180 100
182 95.8 76.1 114.1
145 31.7 25.6 38.4

