

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061022\
 Data File : U048998.D
 Acq On : 10 Jun 2022 15:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050145

Quant Time: Jun 10 22:37:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:34:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	318676	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	308440	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	167339	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	99934	50.904	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.800%
7) Chloroethane-d5	1.896	69	72647	50.398	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.562	63	185125	49.974	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.940%
21) 2-Butanone-d5	4.620	46	227882	105.872	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.870%
24) Chloroform-d	5.063	84	207110	49.453	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.900%
26) 1,2-Dichloroethane-d4	5.700	65	139016	51.236	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.480%
32) Benzene-d6	5.726	84	385262	50.372	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.740%
36) 1,2-Dichloropropane-d6	6.690	67	129593	50.403	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.800%
41) Toluene-d8	7.896	98	351312	52.084	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.160%
43) trans-1,3-Dichloroprop...	8.179	79	63704	52.665	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.320%
47) 2-Hexanone-d5	8.632	63	147590	109.677	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.680%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	221881	51.668	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.340%
66) 1,2-Dichlorobenzene-d4	12.195	152	145932	50.121	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	133901	47.614	ug/L	99
3) Chloromethane	1.523	50	139966	47.218	ug/L	98
5) Vinyl chloride	1.604	62	130680	46.504	ug/L	99
6) Bromomethane	1.832	94	70763	45.525	ug/L	100
8) Chloroethane	1.919	64	69892	44.532	ug/L	98
9) Trichlorofluoromethane	2.131	101	182916	46.250	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	104686	46.630	ug/L	99
12) 1,1-Dichloroethene	2.575	96	93538	47.598	ug/L	96
13) Acetone	2.623	43	155360	91.726	ug/L	100
14) Carbon disulfide	2.787	76	231447	46.314	ug/L	99
15) Methyl Acetate	2.945	43	164748	49.042	ug/L	99
16) Methylene chloride	3.041	84	118680	46.375	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	101280	46.872	ug/L	98
18) Methyl tert-butyl Ether	3.363	73	391435	48.425	ug/L	99
19) 1,1-Dichloroethane	3.867	63	216046	46.412	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	123283	46.897	ug/L	99
22) 2-Butanone	4.697	43	254976	97.961	ug/L	100
23) Bromochloromethane	4.973	128	64525	46.767	ug/L	98
25) Chloroform	5.086	83	228640	47.130	ug/L	96

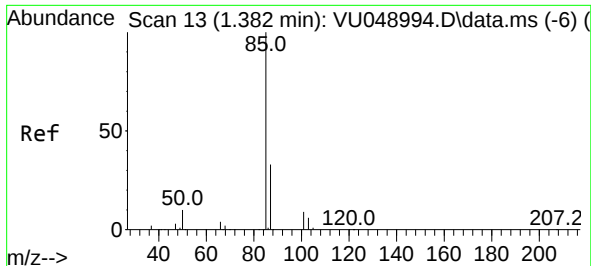
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 Data File : VU048998.D
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	183525	46.472	ug/L	100
29) Cyclohexane	5.388	56	164603	47.686	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	203468	47.302	ug/L	99
31) Carbon tetrachloride	5.523	117	174429	46.367	ug/L	100
33) Benzene	5.774	78	469119	46.946	ug/L	100
34) Trichloroethene	6.543	95	118318	46.973	ug/L	98
35) Methylcyclohexane	6.761	83	170324	48.444	ug/L	99
37) 1,2-Dichloropropane	6.790	63	133615	47.417	ug/L	99
38) Bromodichloromethane	7.105	83	178762	47.782	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	201848	48.681	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	478029	100.692	ug/L	100
42) Toluene	7.967	91	502217	48.625	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	203608	49.591	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	130450	47.775	ug/L	98
46) Tetrachloroethene	8.552	164	92993	47.620	ug/L	98
48) 2-Hexanone	8.684	43	393134	101.862	ug/L	100
49) Dibromochloromethane	8.809	129	147026	48.361	ug/L	98
50) 1,2-Dibromoethane	8.922	107	142012	49.438	ug/L	97
51) Chlorobenzene	9.446	112	329448	47.186	ug/L	98
52) Ethylbenzene	9.568	91	545807	48.603	ug/L	99
53) m,p-Xylene	9.694	106	215911	48.960	ug/L	97
54) o-Xylene	10.099	106	220217	49.564	ug/L	97
55) Styrene	10.115	104	371806	50.110	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	249300	48.993	ug/L	100
59) Bromoform	10.292	173	117165	47.444	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	204885	48.270	ug/L	98
61) Isopropylbenzene	10.484	105	563831	49.604	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	484244	49.900	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	388739	50.315	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	267633	47.999	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	261641	46.346	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	276906	47.854	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	65500	46.754	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	187785	47.143	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	157789	46.845	ug/L	98
71) Naphthalene	14.086	128	577245	48.439	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	173258	48.628	ug/L	98

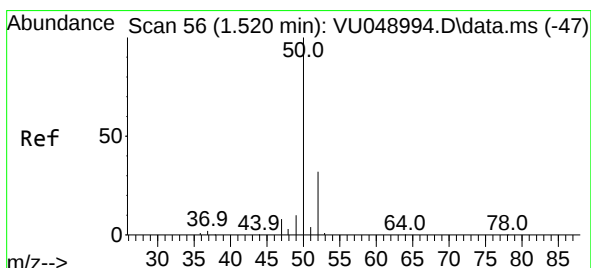
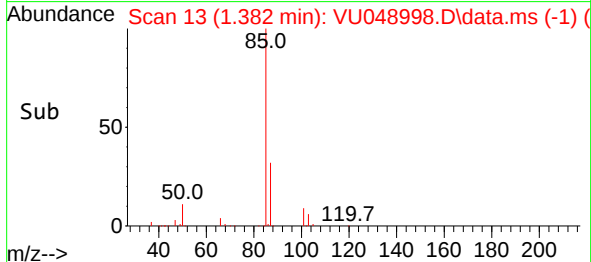
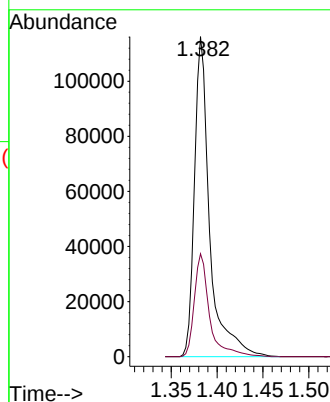
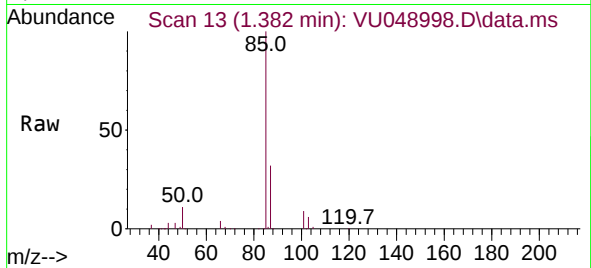
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#2
Dichlorodifluoromethane
Concen: 47.614 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

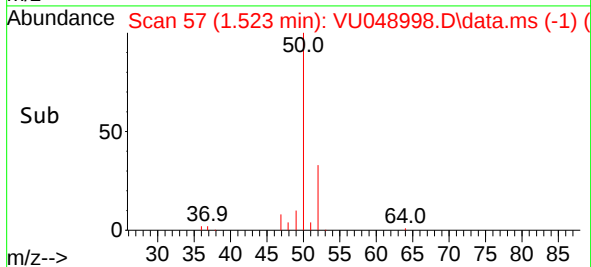
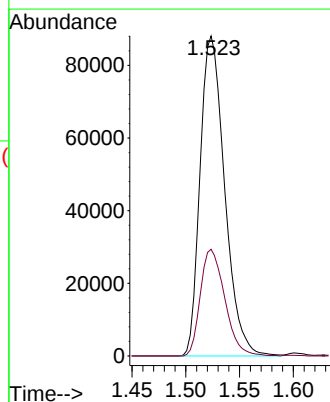
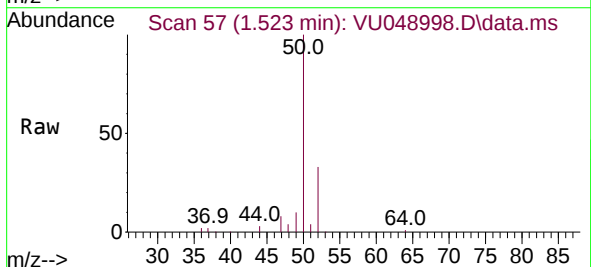
Instrument :
MSVOA_U
ClientSampleId :
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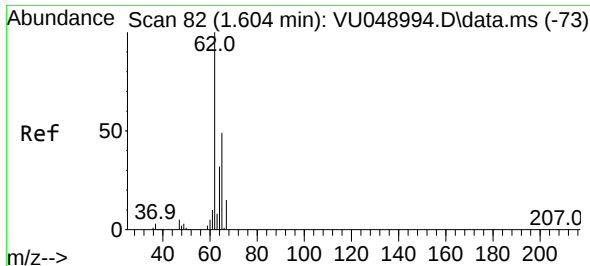
Tgt Ion: 85 Resp: 133901
Ion Ratio Lower Upper
85 100
87 32.3 26.3 39.5



#3
Chloromethane
Concen: 47.218 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

Tgt Ion: 50 Resp: 139966
Ion Ratio Lower Upper
50 100
52 33.4 22.7 42.1

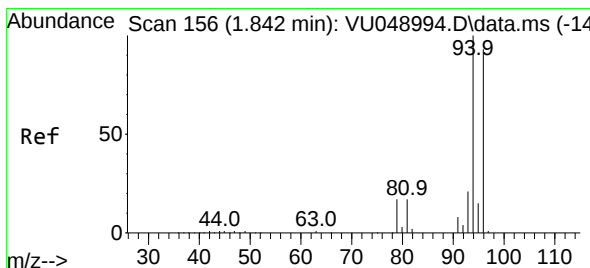
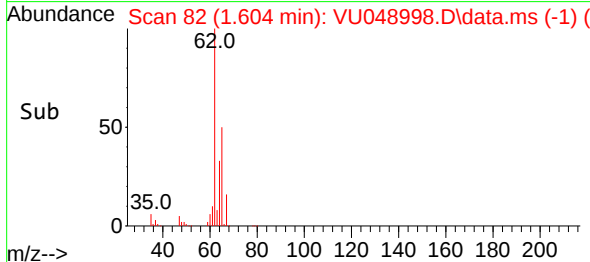
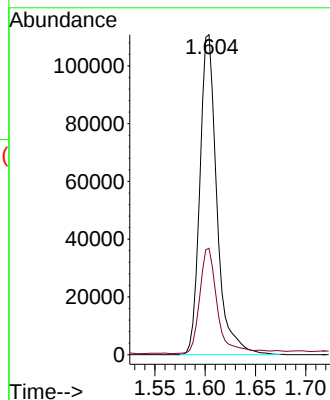
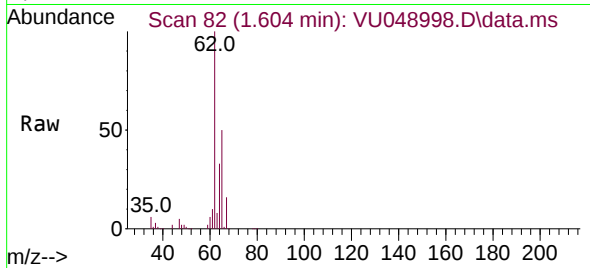




#5
 Vinyl chloride
 Concen: 46.504 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU048998.D
 Acq: 10 Jun 2022 15:29

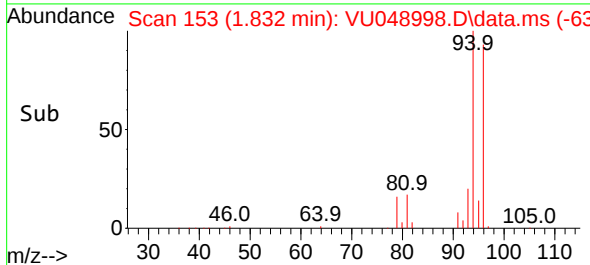
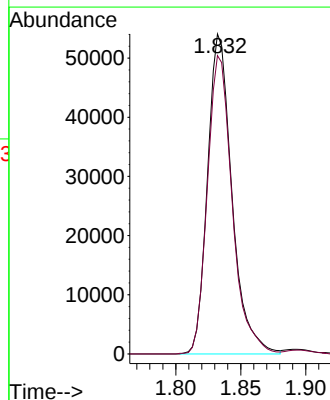
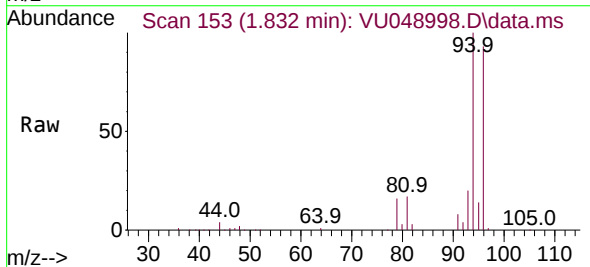
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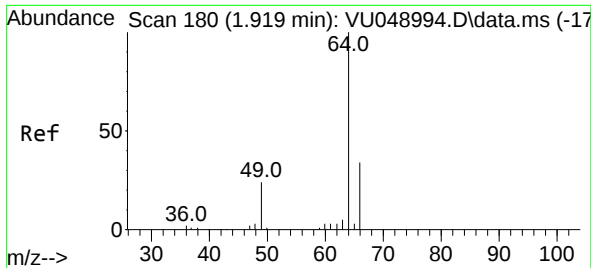
Tgt Ion: 62 Resp: 130680
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.7 42.3



#6
 Bromomethane
 Concen: 45.525 ug/L
 RT: 1.832 min Scan# 153
 Delta R.T. -0.010 min
 Lab File: VU048998.D
 Acq: 10 Jun 2022 15:29

Tgt Ion: 94 Resp: 70763
 Ion Ratio Lower Upper
 94 100
 96 93.3 65.1 120.9

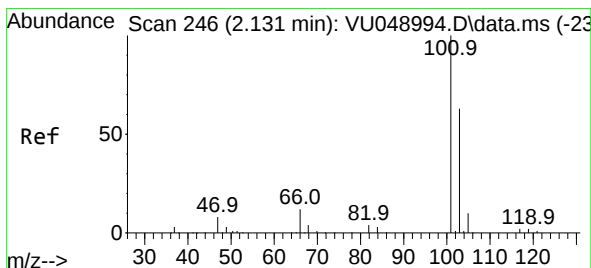
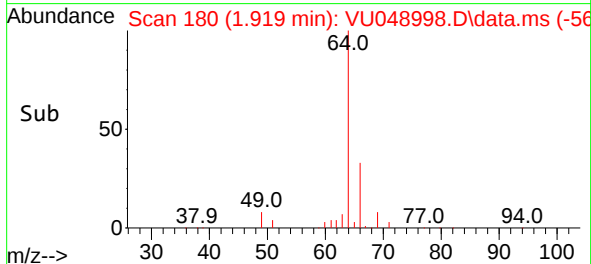
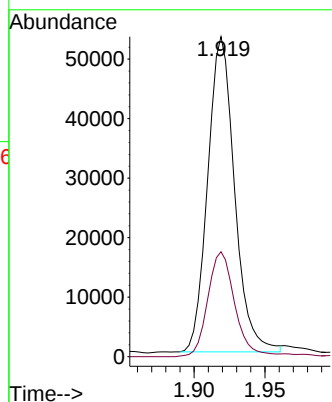
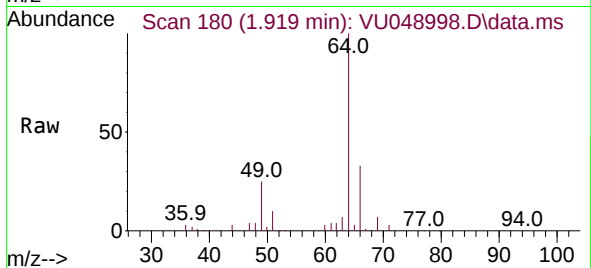




#8
Chloroethane
Concen: 44.532 ug/L
RT: 1.919 min Scan# 180
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

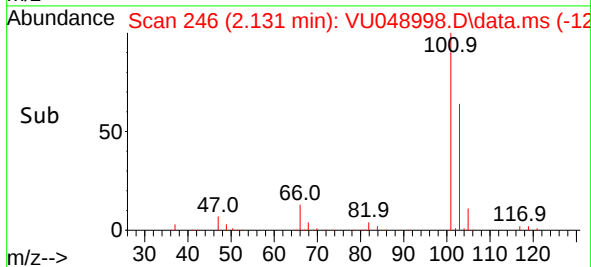
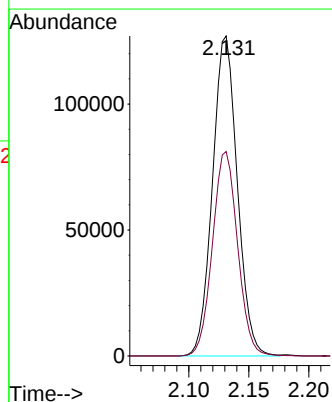
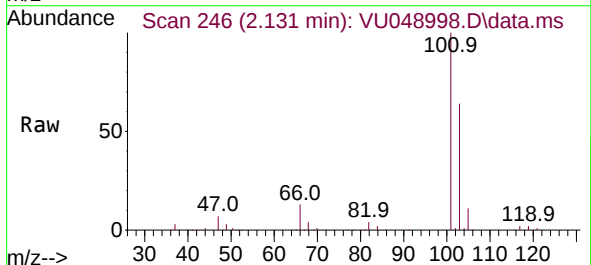
Instrument :
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ClientSampleId :
VSTD050145

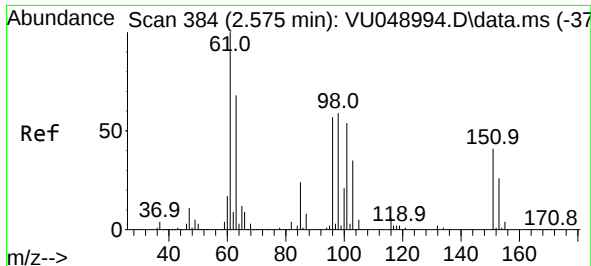
Tgt Ion: 64 Resp: 69892
Ion Ratio Lower Upper
64 100
66 32.8 23.7 43.9



#9
Trichlorofluoromethane
Concen: 46.250 ug/L
RT: 2.131 min Scan# 246
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

Tgt Ion:101 Resp: 182916
Ion Ratio Lower Upper
101 100
103 64.6 51.3 76.9

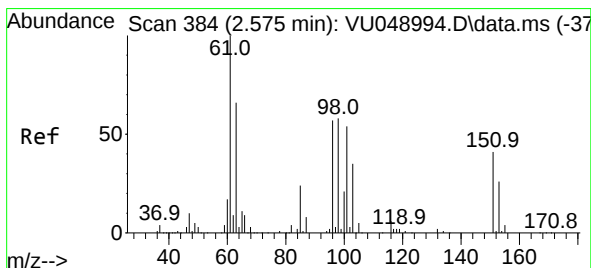
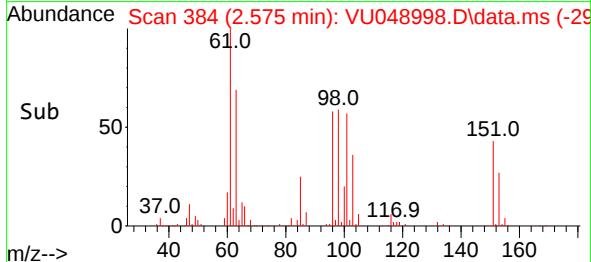
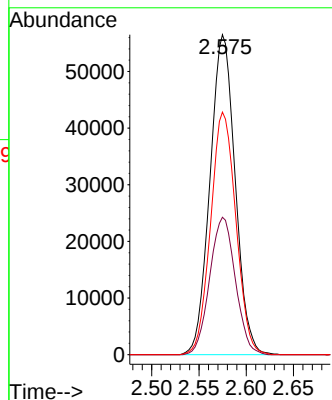
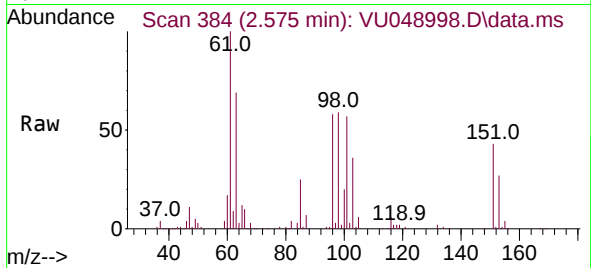




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.630 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU048998.D
 Acq: 10 Jun 2022 15:29

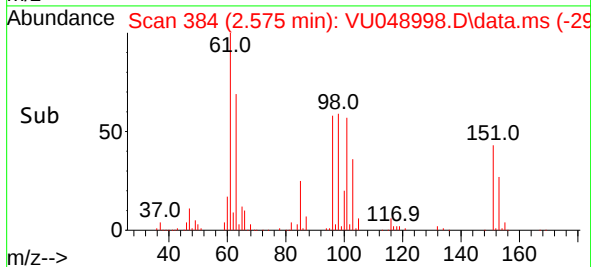
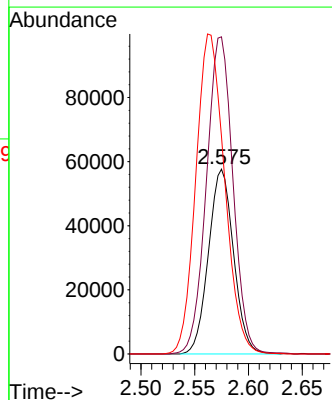
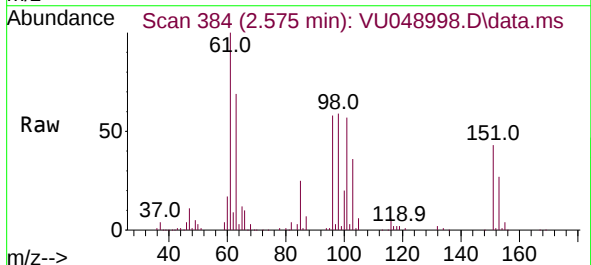
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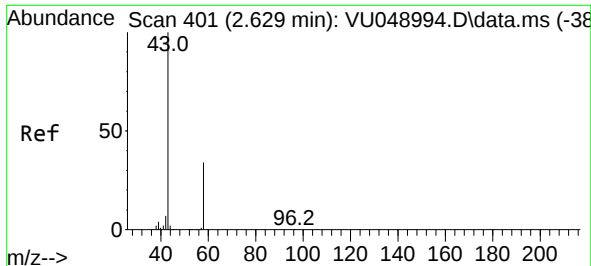
Tgt Ion:101 Resp: 104686
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.2 52.8
 151 76.0 61.4 92.2



#12
 1,1-Dichloroethene
 Concen: 47.598 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU048998.D
 Acq: 10 Jun 2022 15:29

Tgt Ion: 96 Resp: 93538
 Ion Ratio Lower Upper
 96 100
 61 171.6 123.5 229.3
 63 117.8 86.0 159.8





#13

Acetone

Concen: 91.726 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.006 min

Lab File: VU048998.D

Acq: 10 Jun 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

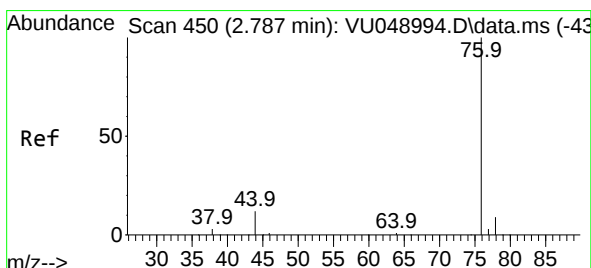
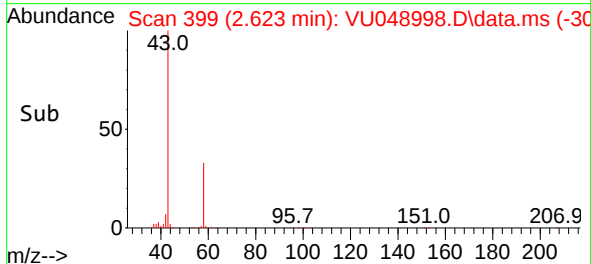
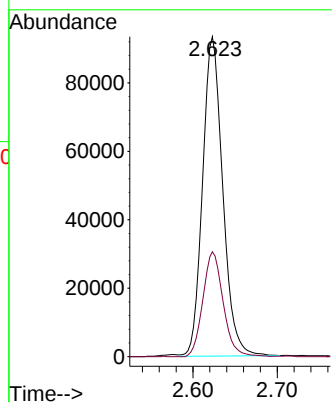
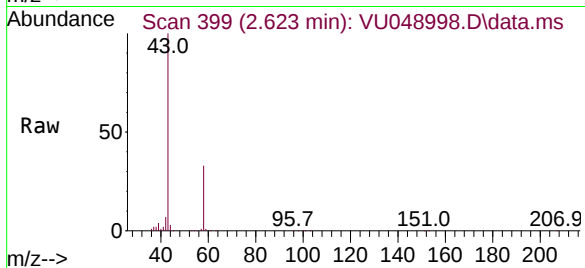
VSTD050145

Tgt Ion: 43 Resp: 155360

Ion Ratio Lower Upper

43 100

58 33.1 0.0 66.4



#14

Carbon disulfide

Concen: 46.314 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU048998.D

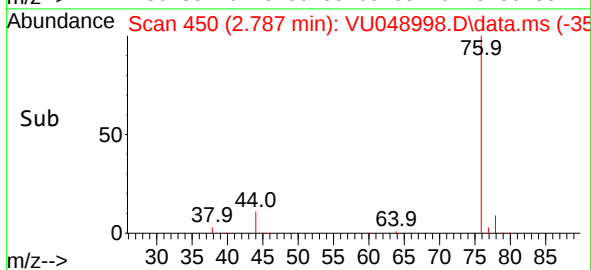
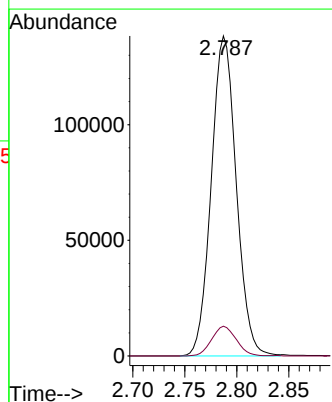
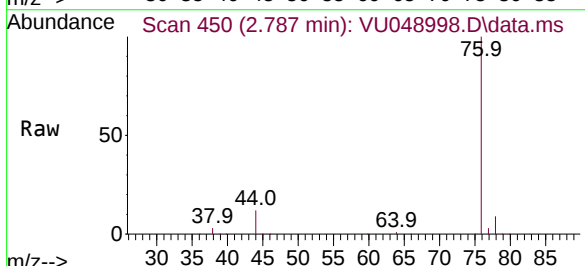
Acq: 10 Jun 2022 15:29

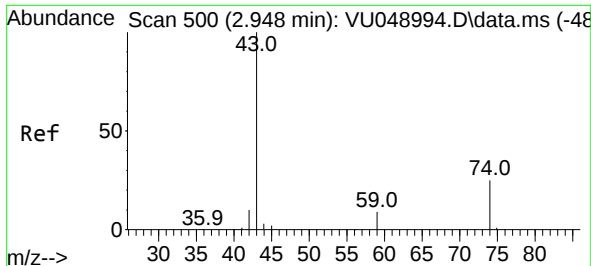
Tgt Ion: 76 Resp: 231447

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

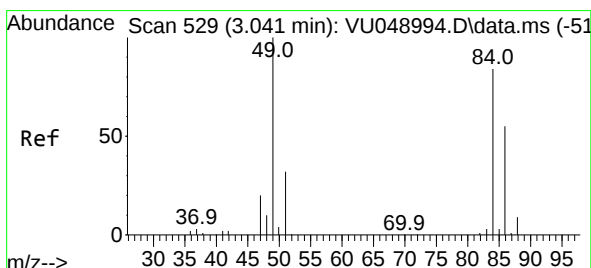
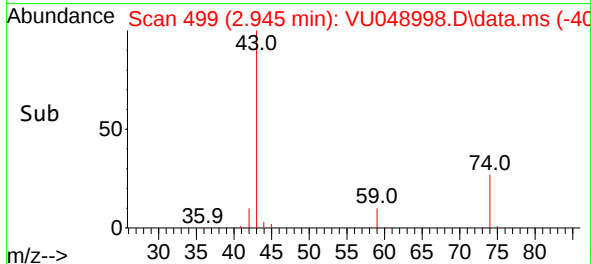
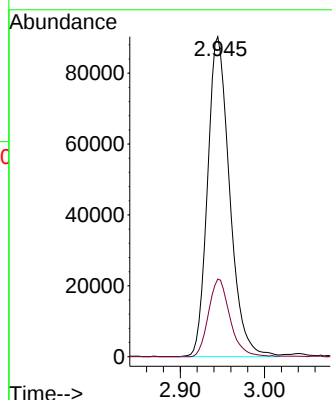
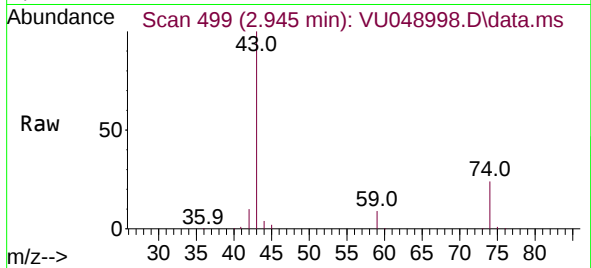




#15
Methyl Acetate
Concen: 49.042 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

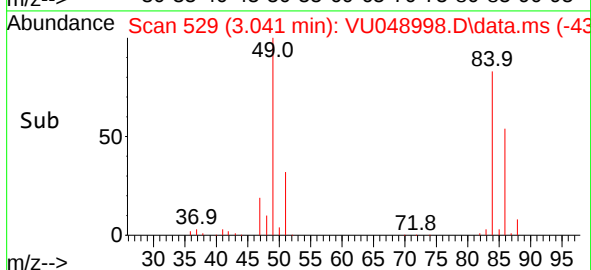
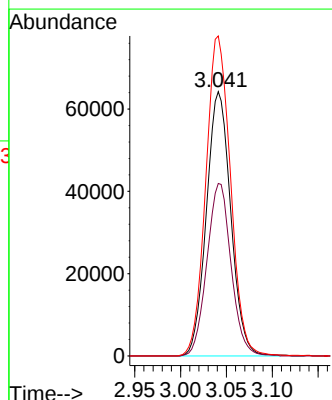
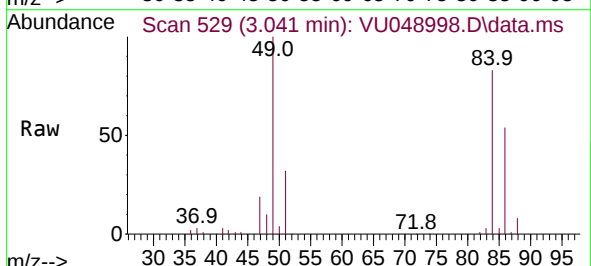
Instrument :
MSVOA_U
ClientSampleId :
VSTD050145

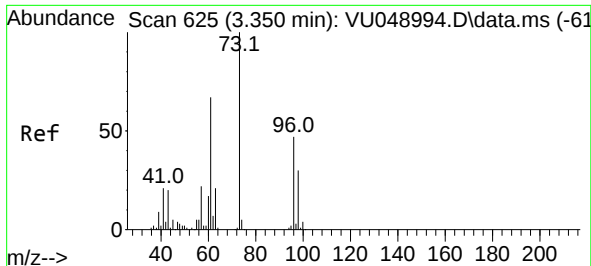
Tgt Ion: 43 Resp: 164748
Ion Ratio Lower Upper
43 100
74 23.5 19.0 28.6



#16
Methylene chloride
Concen: 46.375 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

Tgt Ion: 84 Resp: 118680
Ion Ratio Lower Upper
84 100
86 65.2 45.8 85.0
49 121.0 83.4 155.0

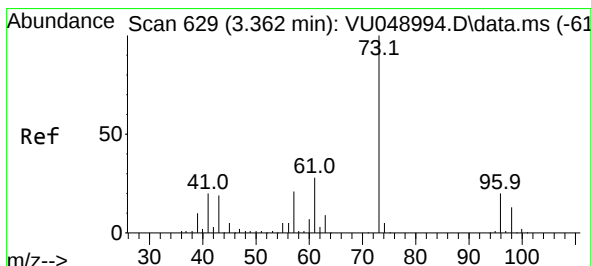
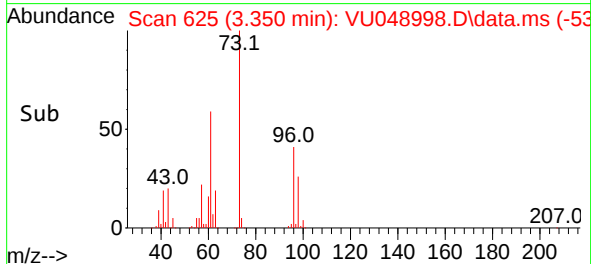
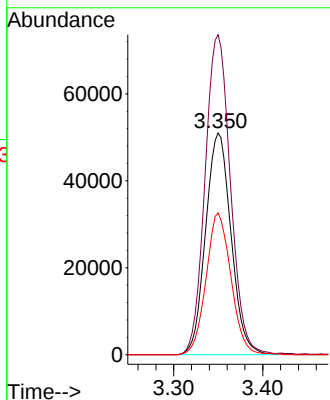
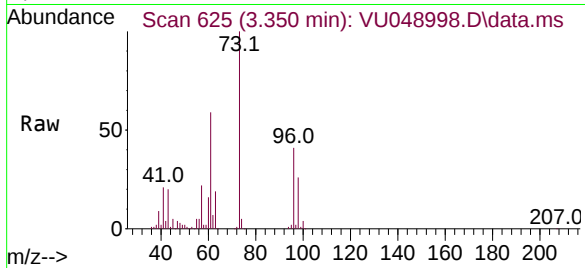




#17
trans-1,2-Dichloroethene
Concen: 46.872 ug/L
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

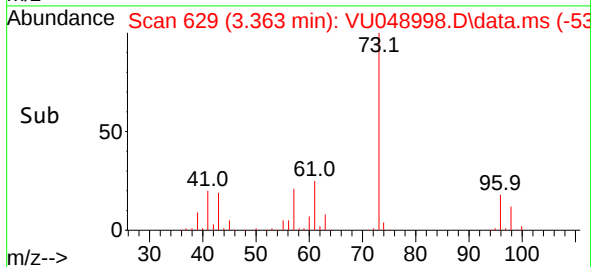
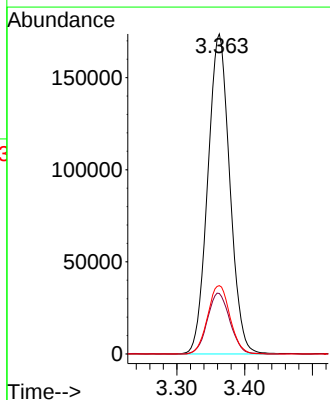
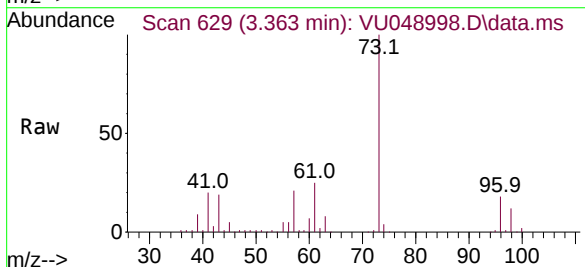
Instrument :
MSVOA_U
ClientSampleId :
VSTD050145

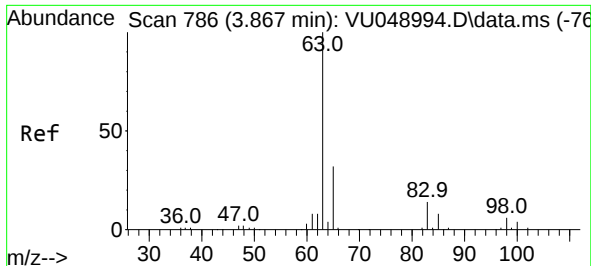
Tgt Ion: 96 Resp: 101280
Ion Ratio Lower Upper
96 100
61 144.4 99.3 184.3
98 64.0 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 48.425 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

Tgt Ion: 73 Resp: 391435
Ion Ratio Lower Upper
73 100
43 19.5 15.0 22.4
57 21.7 17.3 25.9





#19

1,1-Dichloroethane

Concen: 46.412 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU048998.D

Acq: 10 Jun 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

VSTD050145

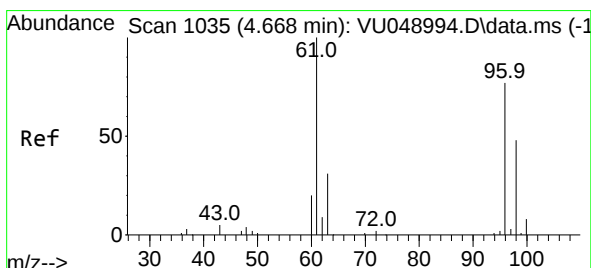
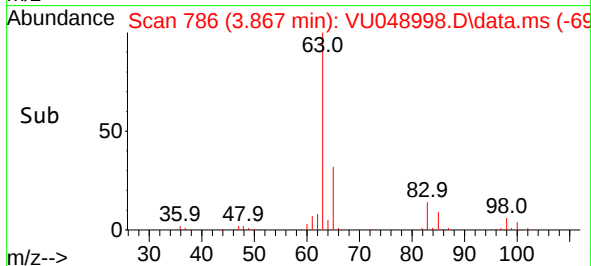
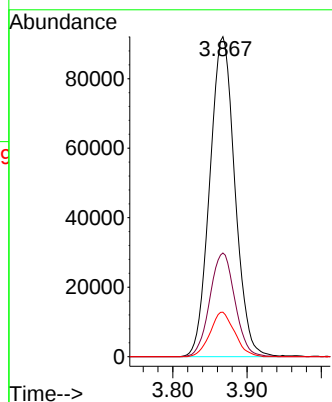
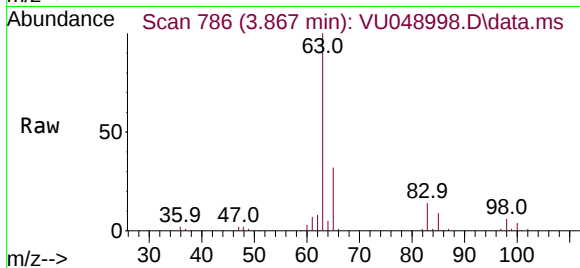
Tgt Ion: 63 Resp: 216046

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.5

83 13.9 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 46.897 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048998.D

Acq: 10 Jun 2022 15:29

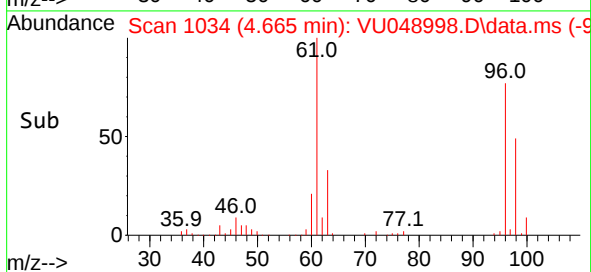
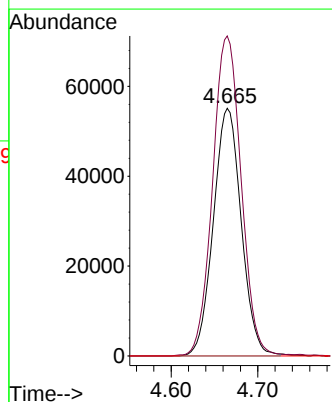
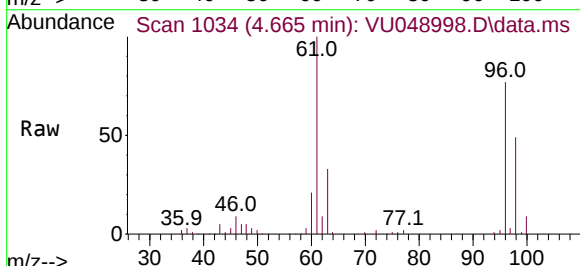
Tgt Ion: 96 Resp: 123283

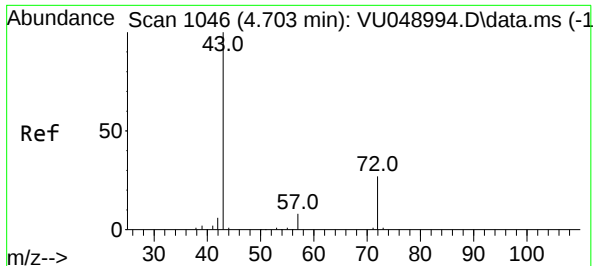
Ion Ratio Lower Upper

96 100

61 129.2 91.6 170.2

68 0.0 0.0 0.0

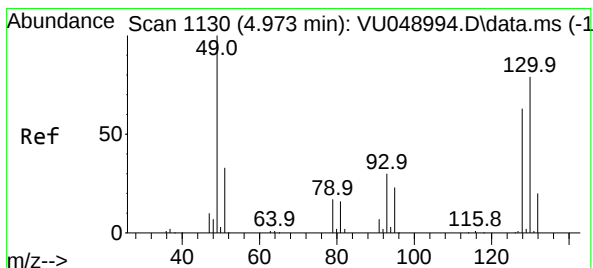
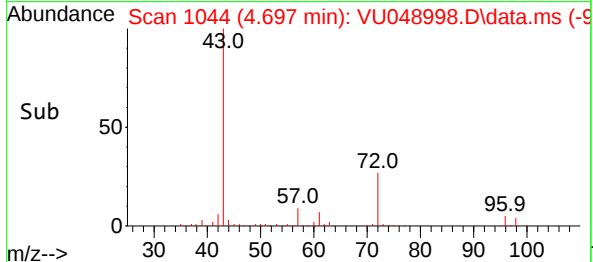
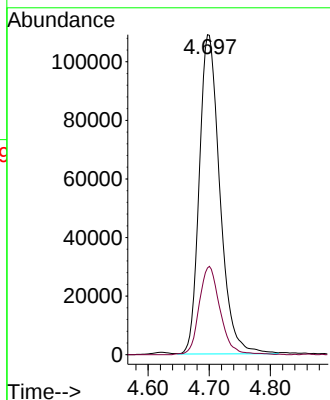
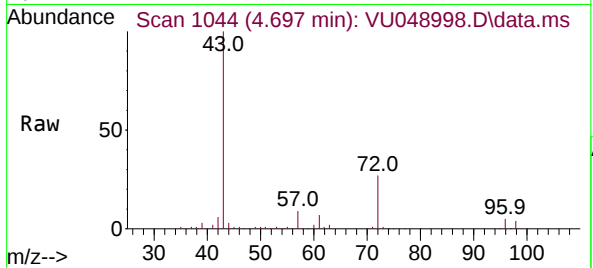




#22
2-Butanone
Concen: 97.961 ug/L
RT: 4.697 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

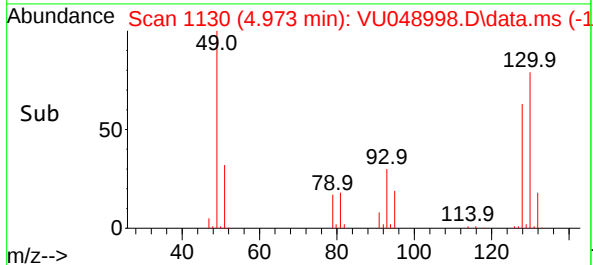
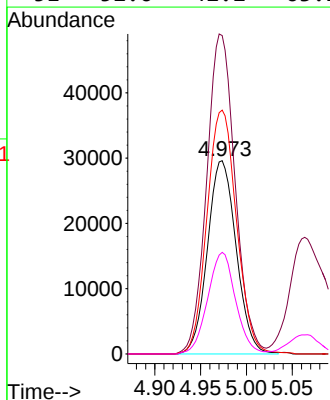
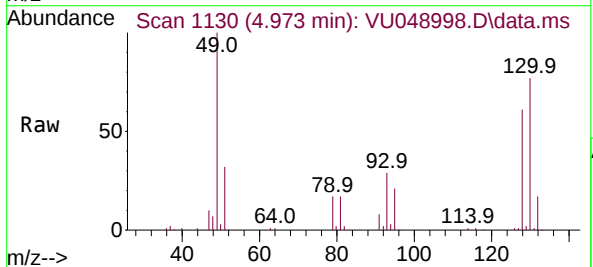
Instrument :
MSVOA_U
ClientSampleId :
VSTD050145

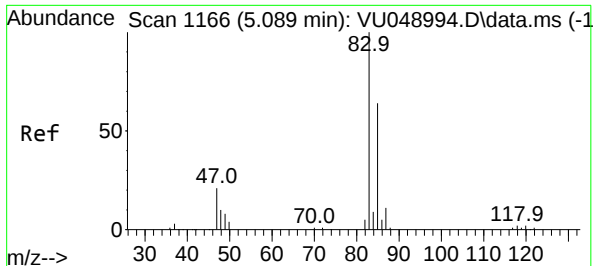
Tgt Ion: 43 Resp: 254976
Ion Ratio Lower Upper
43 100
72 27.2 13.7 41.0



#23
Bromochloromethane
Concen: 46.767 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

Tgt Ion:128 Resp: 64525
Ion Ratio Lower Upper
128 100
49 164.7 111.9 207.9
130 126.1 88.6 164.6
51 52.6 42.2 63.2





#25

Chloroform

Concen: 47.130 ug/L

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU048998.D

Acq: 10 Jun 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

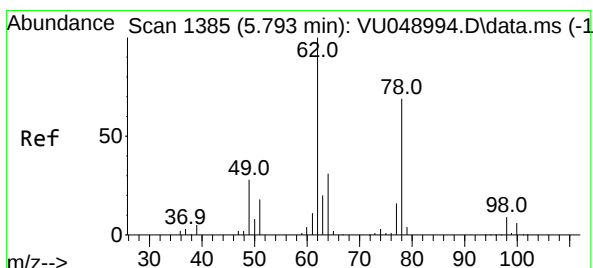
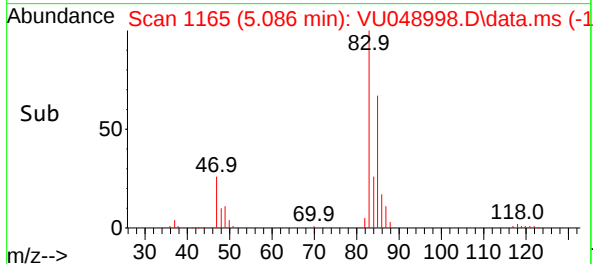
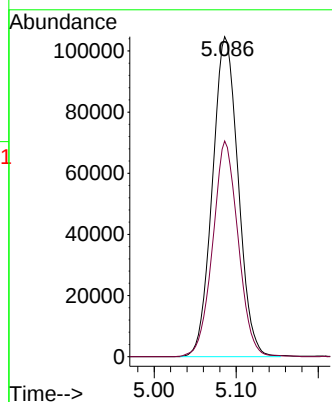
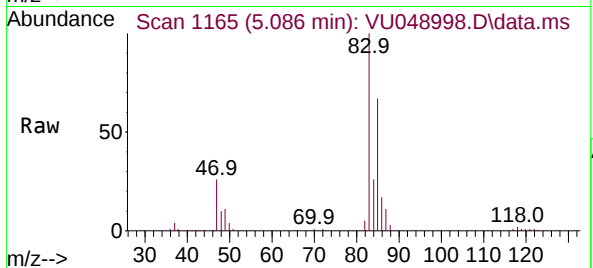
VSTD050145

Tgt Ion: 83 Resp: 228640

Ion Ratio Lower Upper

83 100

85 67.4 45.1 83.9



#27

1,2-Dichloroethane

Concen: 46.472 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU048998.D

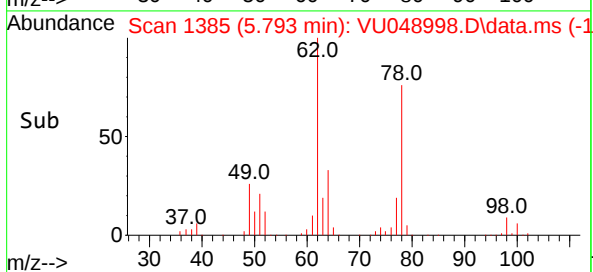
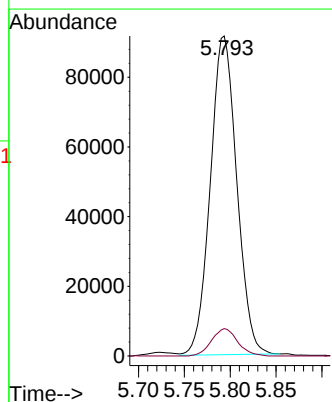
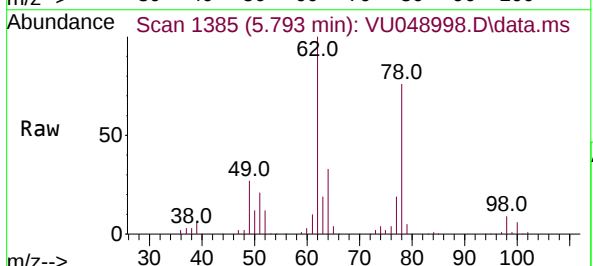
Acq: 10 Jun 2022 15:29

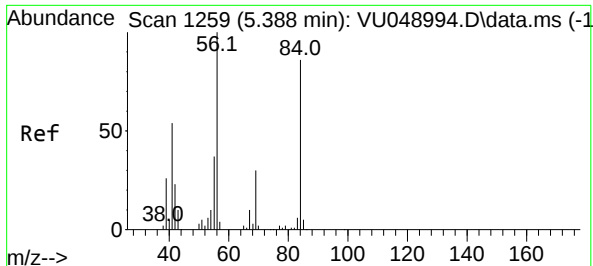
Tgt Ion: 62 Resp: 183525

Ion Ratio Lower Upper

62 100

98 8.5 7.0 10.4





#29

Cyclohexane

Concen: 47.686 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU048998.D

Acq: 10 Jun 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

VSTD050145

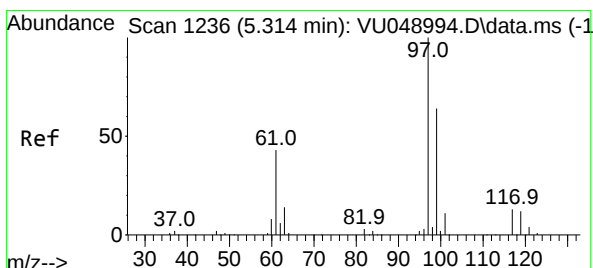
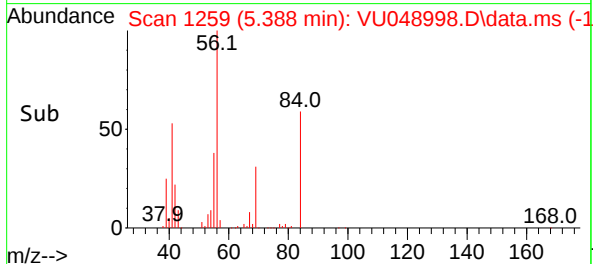
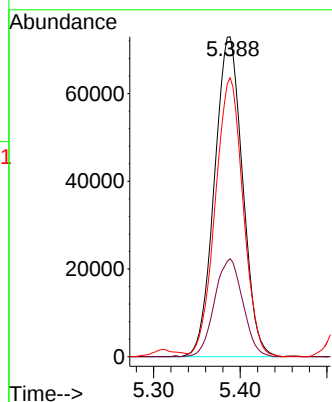
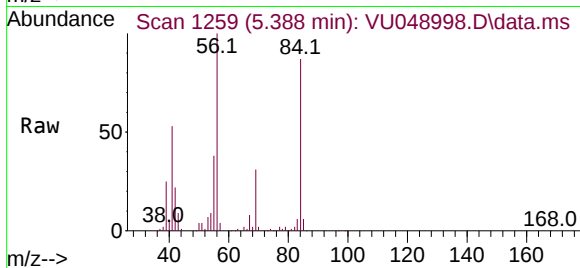
Tgt Ion: 56 Resp: 164603

Ion Ratio Lower Upper

56 100

69 30.7 24.6 36.8

84 86.3 69.7 104.5



#30

1,1,1-Trichloroethane

Concen: 47.302 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU048998.D

Acq: 10 Jun 2022 15:29

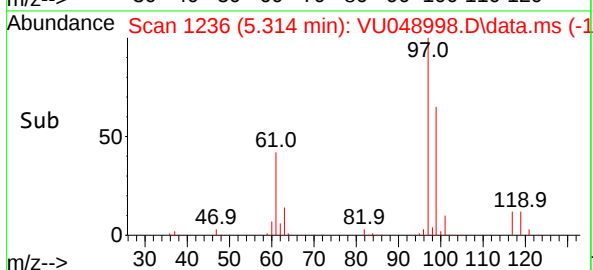
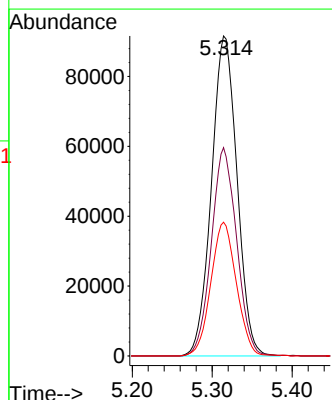
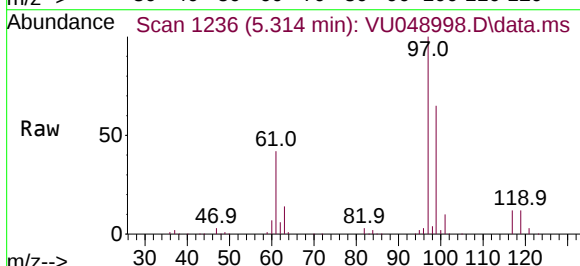
Tgt Ion: 97 Resp: 203468

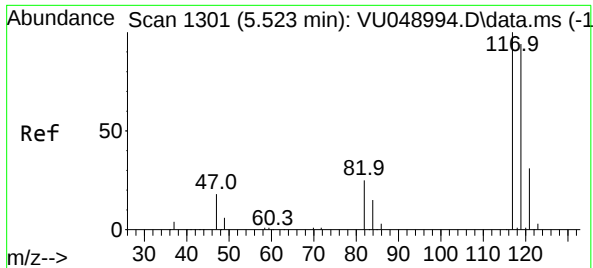
Ion Ratio Lower Upper

97 100

99 64.4 50.9 76.3

61 41.7 34.2 51.2

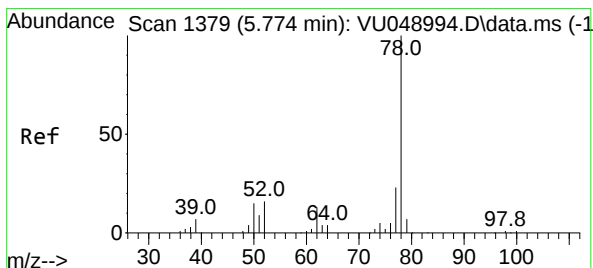
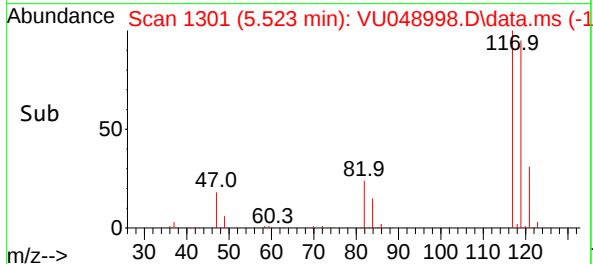
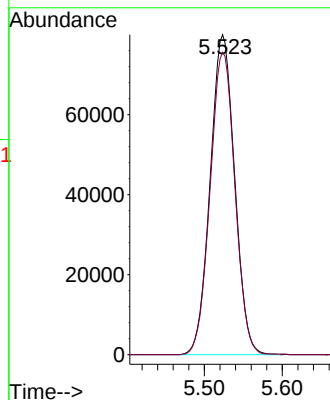
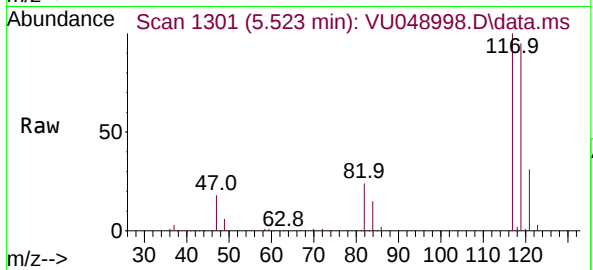




#31
Carbon tetrachloride
Concen: 46.367 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

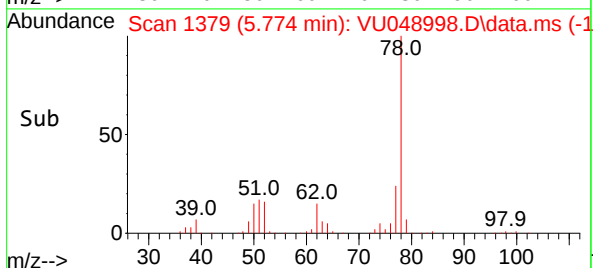
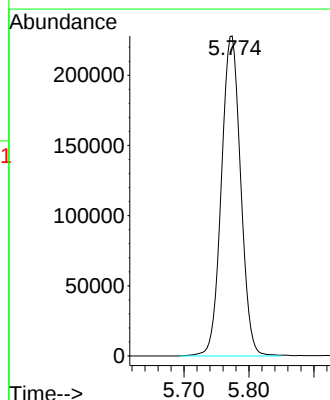
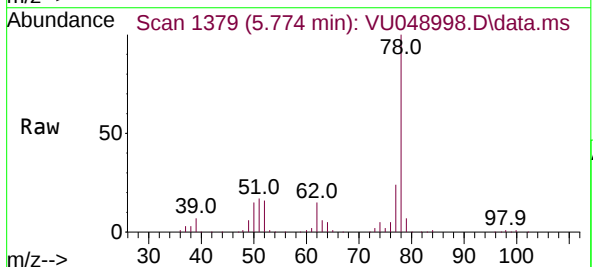
Instrument :
MSVOA_U
ClientSampleId :
VSTD050145

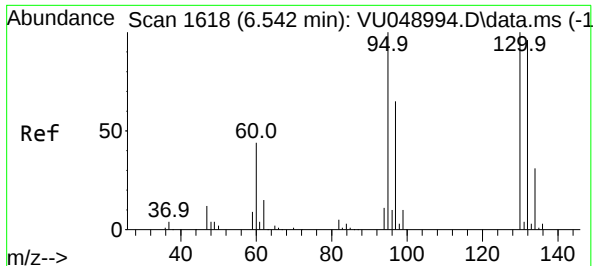
Tgt Ion:117 Resp: 174429
Ion Ratio Lower Upper
117 100
119 95.7 76.5 114.7



#33
Benzene
Concen: 46.946 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

Tgt Ion: 78 Resp: 469119

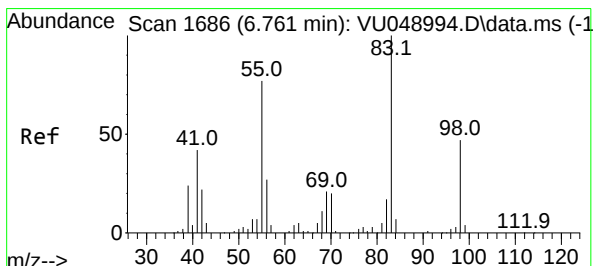
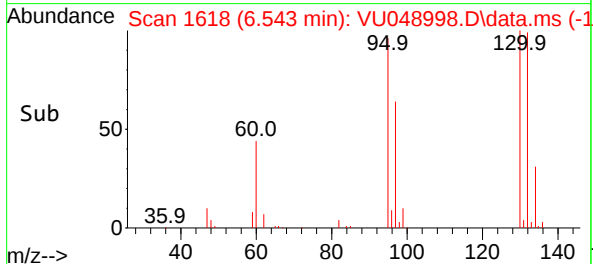
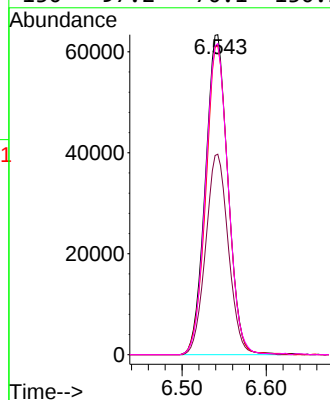
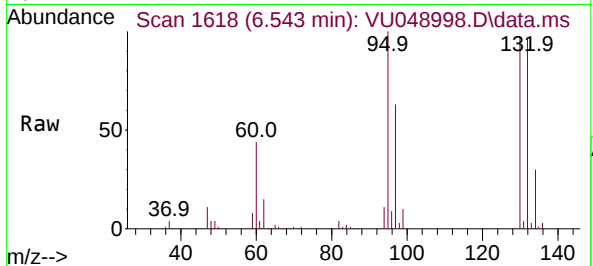




#34
Trichloroethene
Concen: 46.973 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

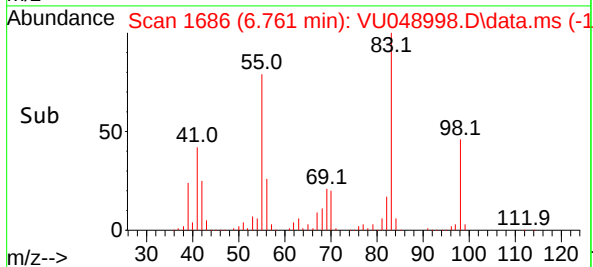
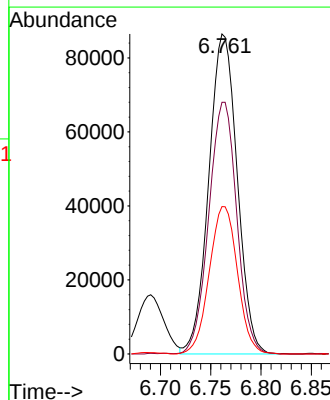
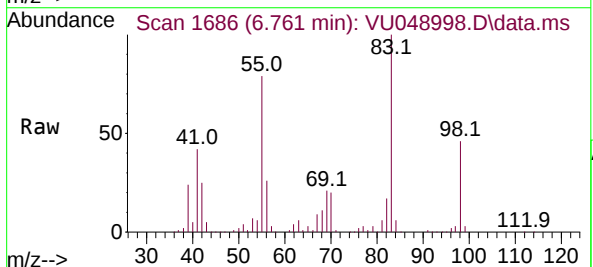
Instrument :
MSVOA_U
ClientSampleId :
VSTD050145

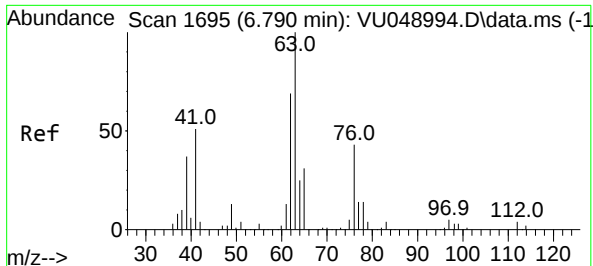
Tgt Ion: 95 Resp: 118318
Ion Ratio Lower Upper
95 100
97 62.7 45.4 84.4
132 96.6 67.6 125.6
130 97.2 70.1 130.3



#35
Methylcyclohexane
Concen: 48.444 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

Tgt Ion: 83 Resp: 170324
Ion Ratio Lower Upper
83 100
55 77.4 61.0 91.6
98 45.6 36.8 55.2





#37

1,2-Dichloropropane

Concen: 47.417 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048998.D

Acq: 10 Jun 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

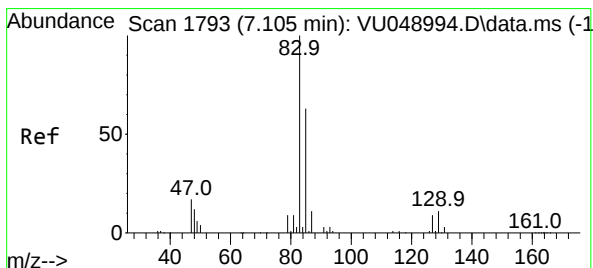
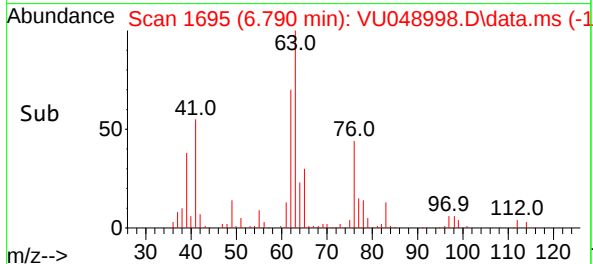
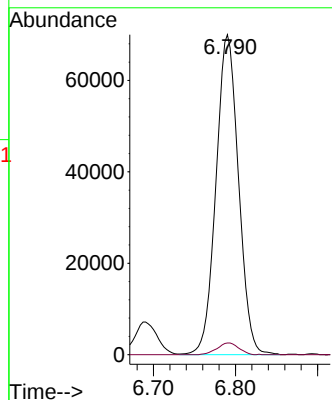
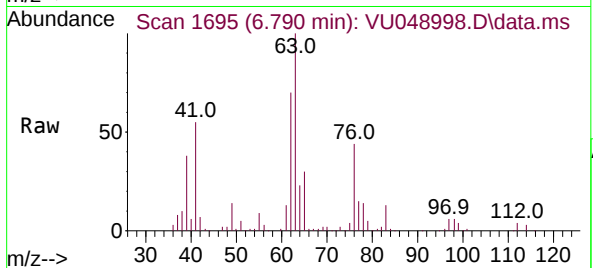
VSTD050145

Tgt Ion: 63 Resp: 133615

Ion Ratio Lower Upper

63 100

112 3.5 3.2 4.8



#38

Bromodichloromethane

Concen: 47.782 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU048998.D

Acq: 10 Jun 2022 15:29

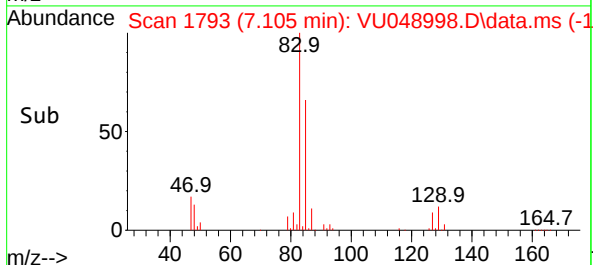
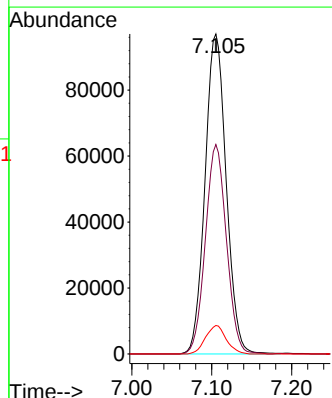
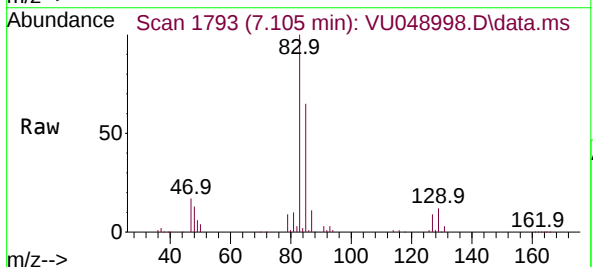
Tgt Ion: 83 Resp: 178762

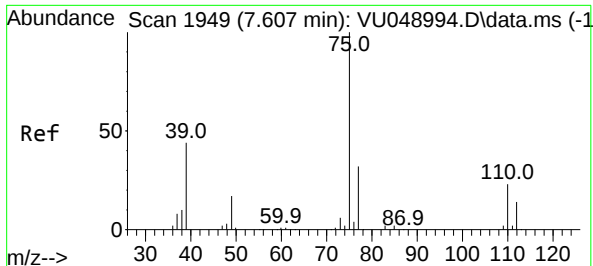
Ion Ratio Lower Upper

83 100

85 65.5 44.0 81.6

127 8.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 48.681 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU048998.D

Acq: 10 Jun 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

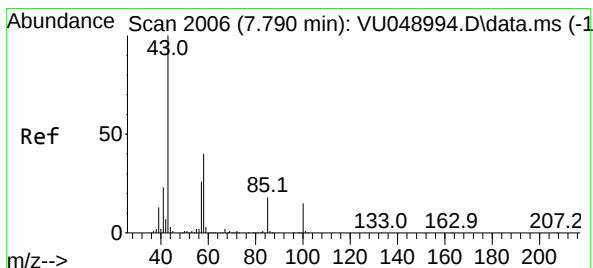
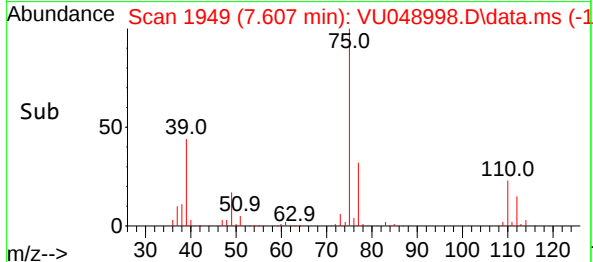
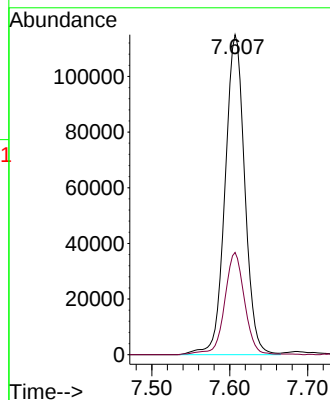
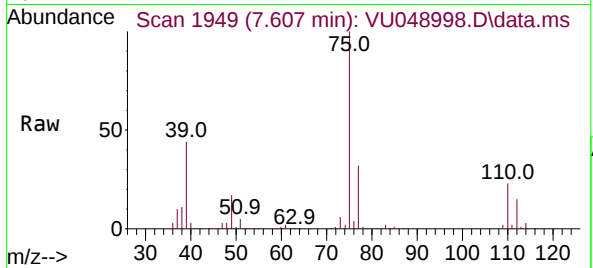
VSTD050145

Tgt Ion: 75 Resp: 201848

Ion Ratio Lower Upper

75 100

77 31.9 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 100.692 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU048998.D

Acq: 10 Jun 2022 15:29

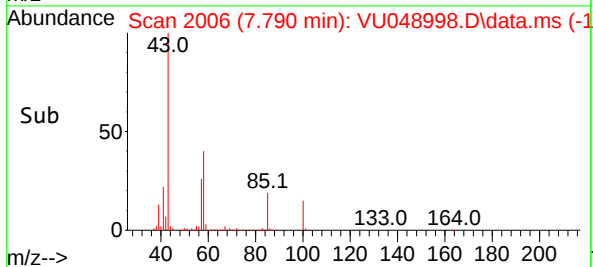
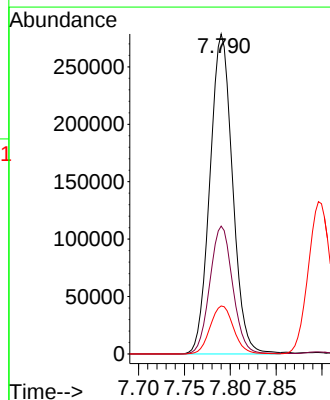
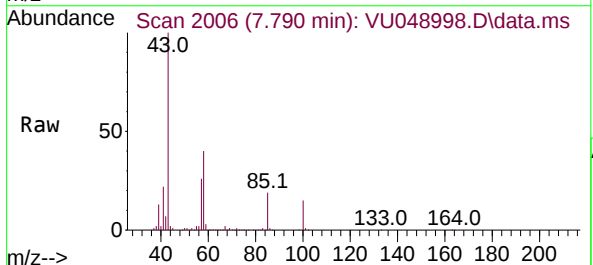
Tgt Ion: 43 Resp: 478029

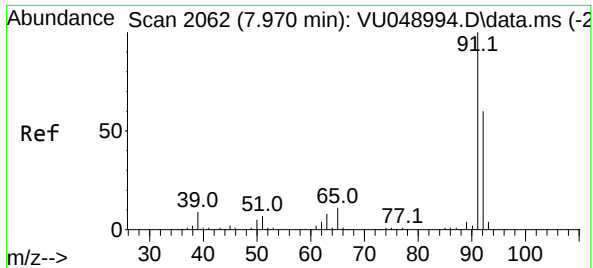
Ion Ratio Lower Upper

43 100

58 40.4 32.2 48.4

100 15.5 12.3 18.5





#42

Toluene

Concen: 48.625 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU048998.D

Acq: 10 Jun 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

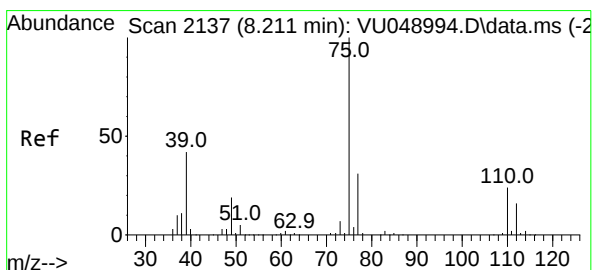
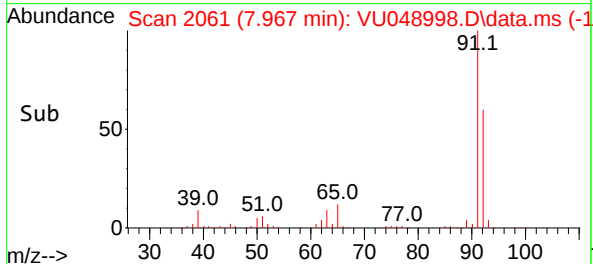
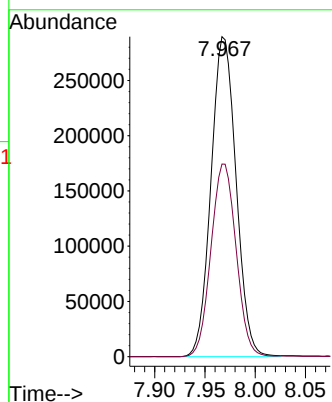
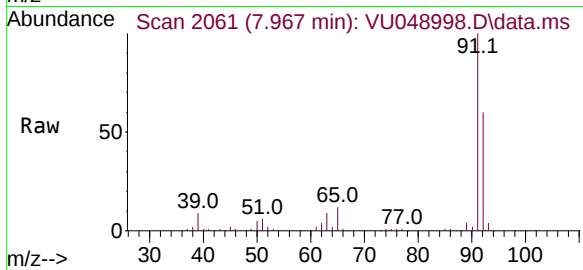
VSTD050145

Tgt Ion: 91 Resp: 502217

Ion Ratio Lower Upper

91 100

92 60.2 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 49.591 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU048998.D

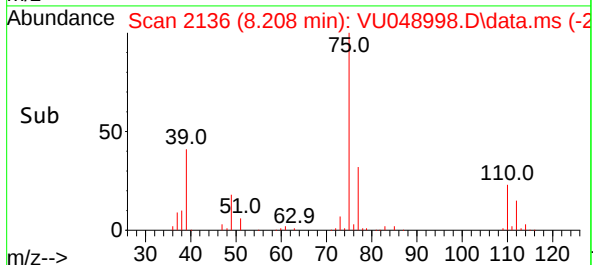
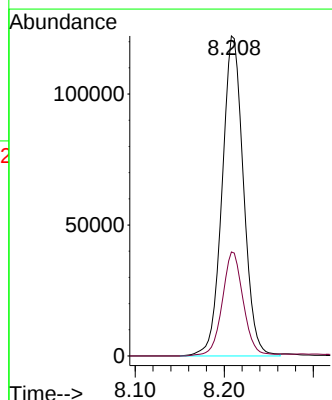
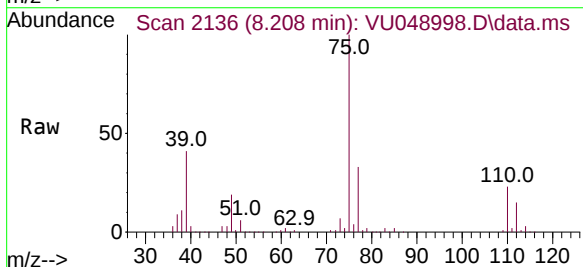
Acq: 10 Jun 2022 15:29

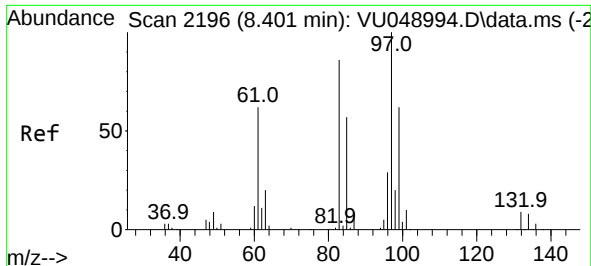
Tgt Ion: 75 Resp: 203608

Ion Ratio Lower Upper

75 100

77 32.5 21.9 40.7



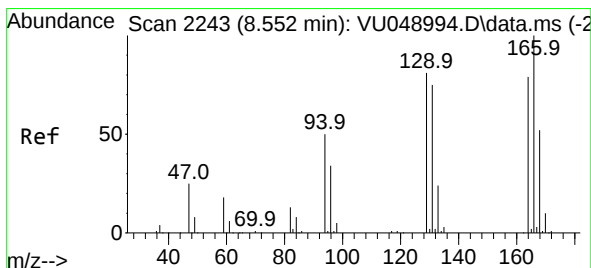
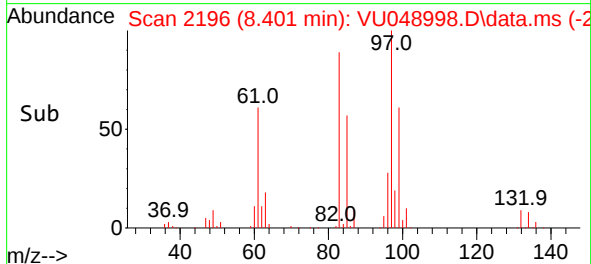
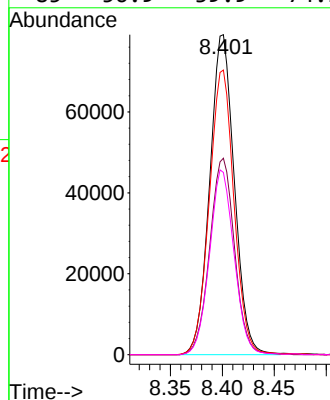
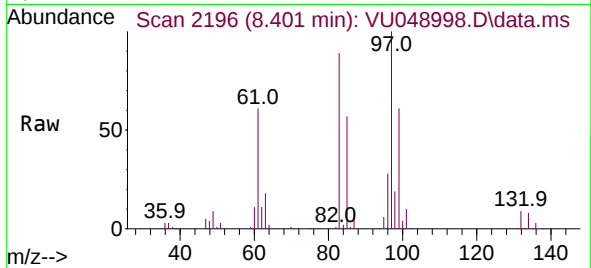


#45
1,1,2-Trichloroethane
Concen: 47.775 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

Instrument :
MSVOA_U
ClientSampleId :
VSTD050145

Tgt Ion: 97 Resp: 130450

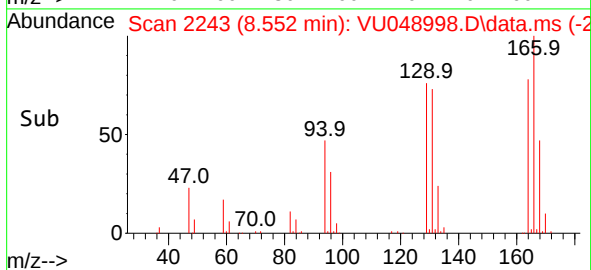
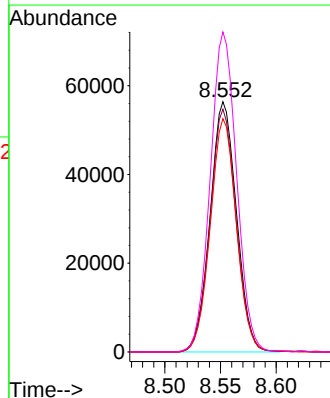
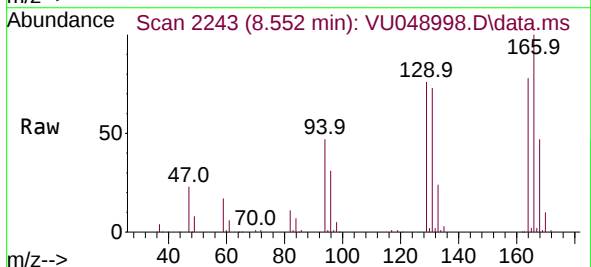
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.5	80.9
83	89.0	60.3	112.1
85	56.9	39.9	74.1

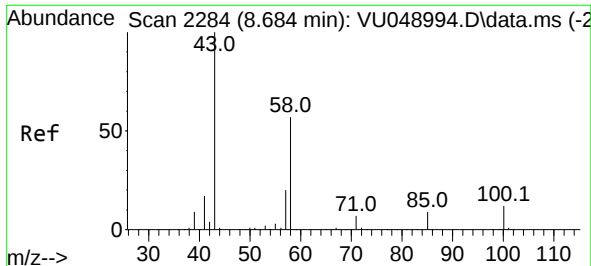


#46
Tetrachloroethene
Concen: 47.620 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

Tgt Ion: 164 Resp: 92993

Ion	Ratio	Lower	Upper
164	100		
129	97.0	70.9	131.7
131	93.2	66.2	123.0
166	127.8	88.1	163.5

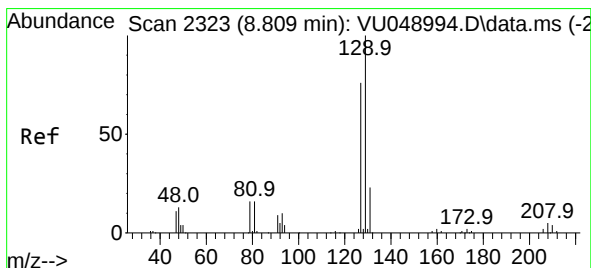
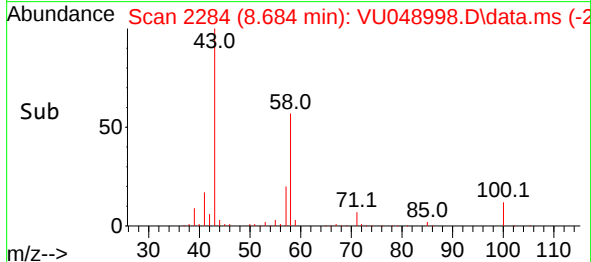
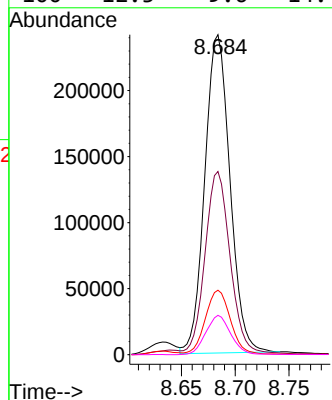
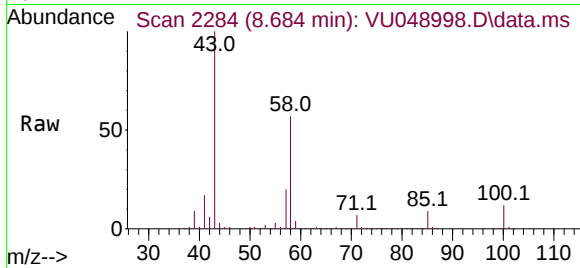




#48
2-Hexanone
Concen: 101.862 ug/L
RT: 8.684 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

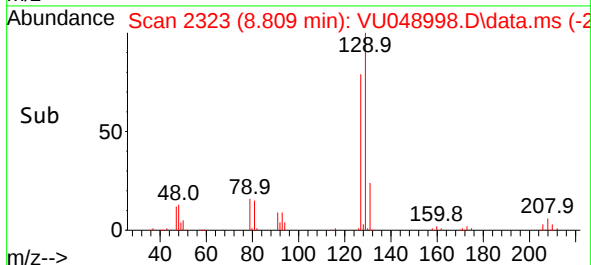
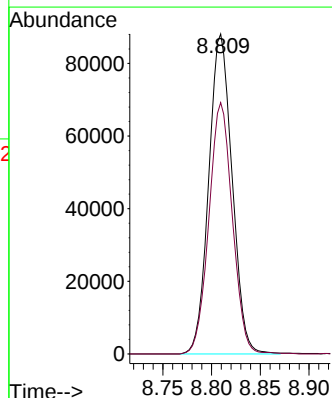
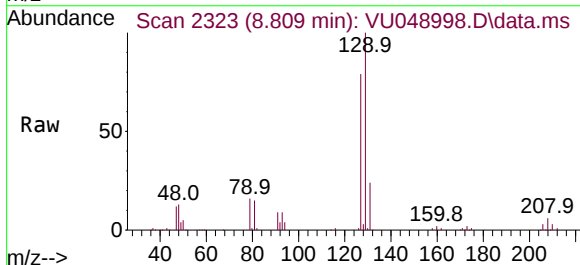
Instrument :
MSVOA_U
ClientSampleId :
VSTD050145

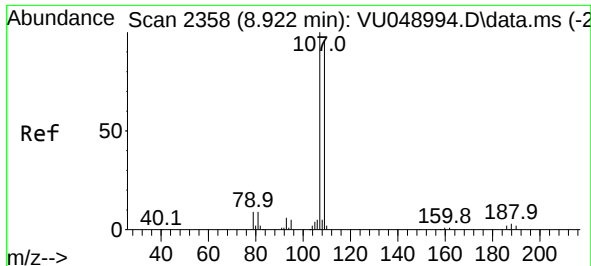
Tgt Ion:	43	Resp:	393134
Ion	Ratio	Lower	Upper
43	100		
58	57.4	45.8	68.8
57	20.2	16.2	24.4
100	12.3	9.6	14.4



#49
Dibromochloromethane
Concen: 48.361 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

Tgt Ion:	129	Resp:	147026
Ion	Ratio	Lower	Upper
129	100		
127	78.5	53.5	99.5





#50

1,2-Dibromoethane

Concen: 49.438 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048998.D

Acq: 10 Jun 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

VSTD050145

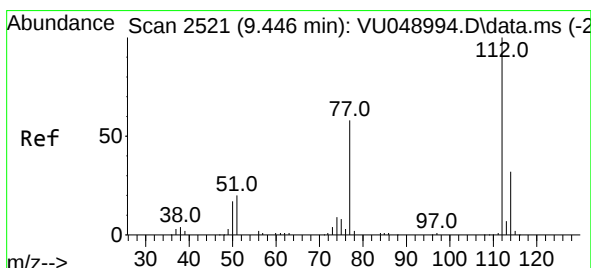
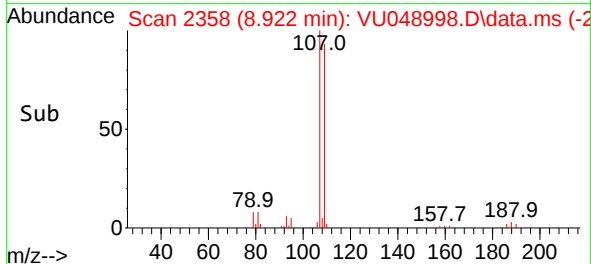
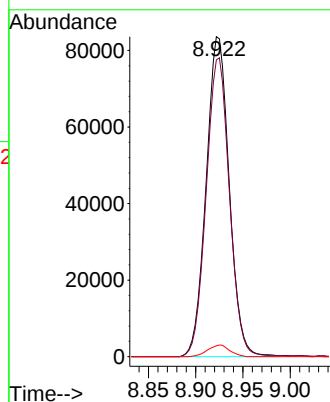
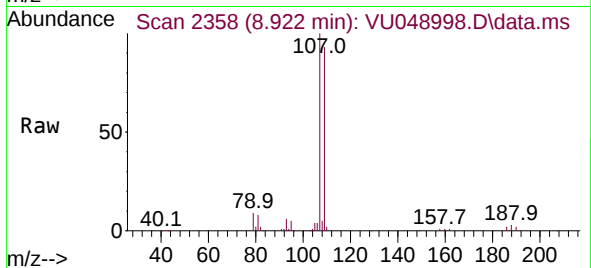
Tgt Ion:107 Resp: 142012

Ion Ratio Lower Upper

107 100

109 92.7 67.2 124.8

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 47.186 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU048998.D

Acq: 10 Jun 2022 15:29

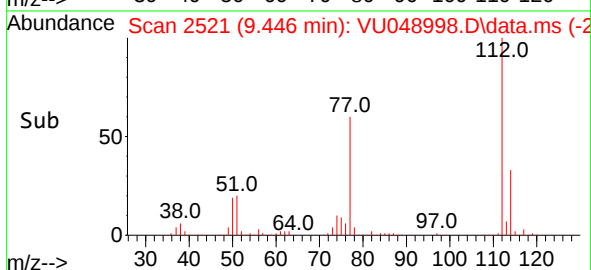
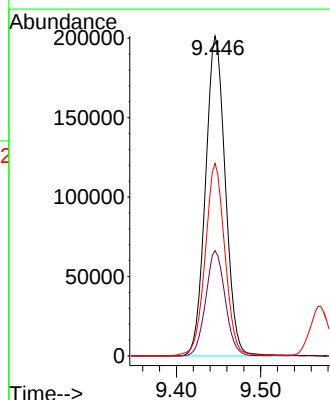
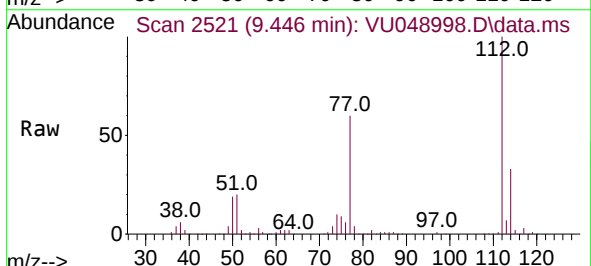
Tgt Ion:112 Resp: 329448

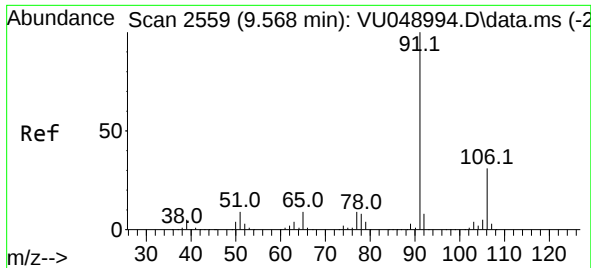
Ion Ratio Lower Upper

112 100

114 32.9 22.3 41.3

77 60.2 47.1 70.7

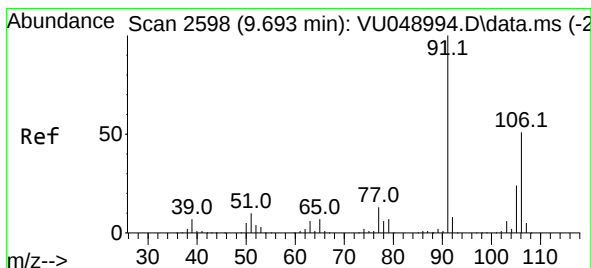
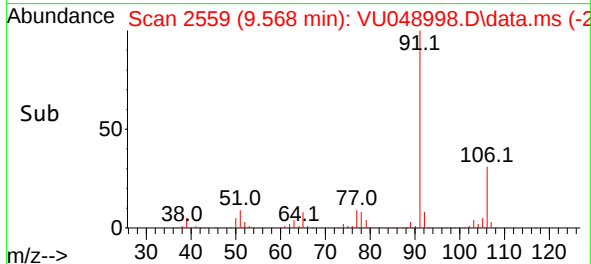
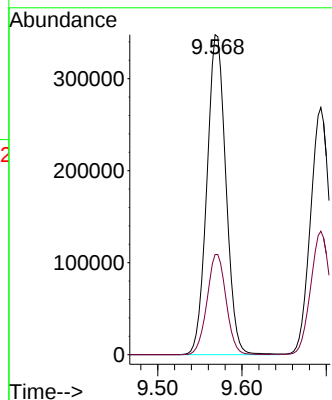
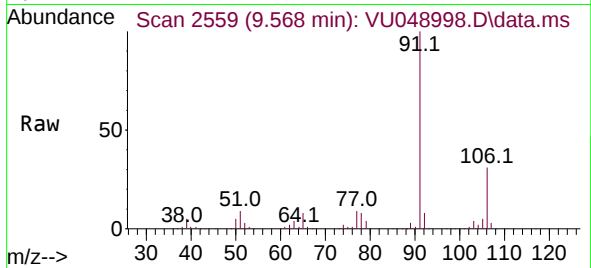




#52
Ethylbenzene
Concen: 48.603 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

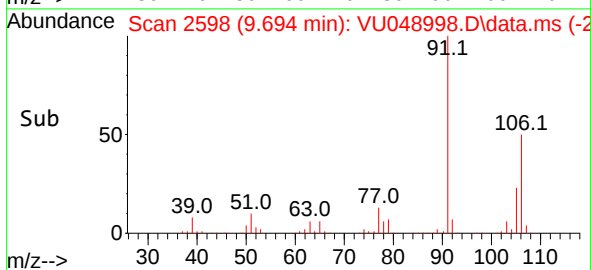
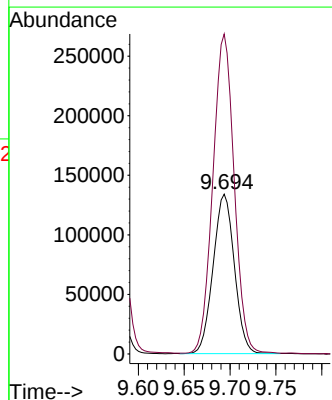
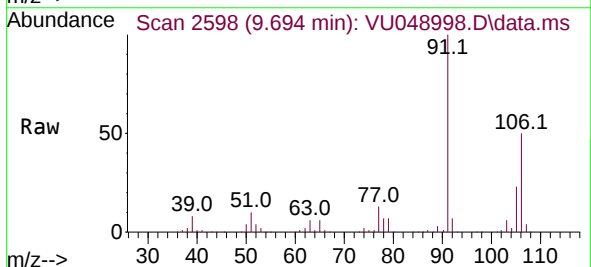
Instrument :
MSVOA_U
ClientSampleId :
VSTD050145

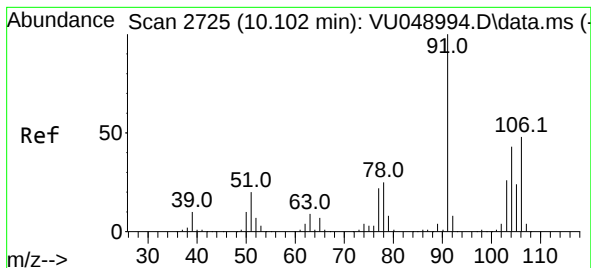
Tgt Ion: 91 Resp: 545807
Ion Ratio Lower Upper
91 100
106 31.3 21.6 40.2



#53
m,p-Xylene
Concen: 48.960 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

Tgt Ion: 106 Resp: 215911
Ion Ratio Lower Upper
106 100
91 200.2 137.4 255.2





#54

o-Xylene

Concen: 49.564 ug/L

RT: 10.099 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU048998.D

Acq: 10 Jun 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

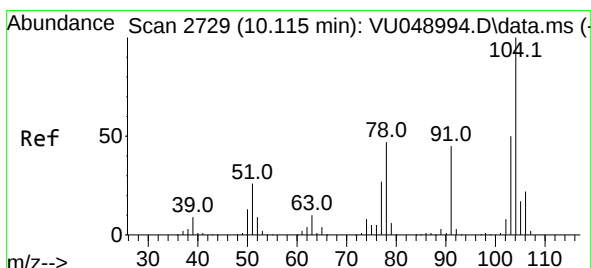
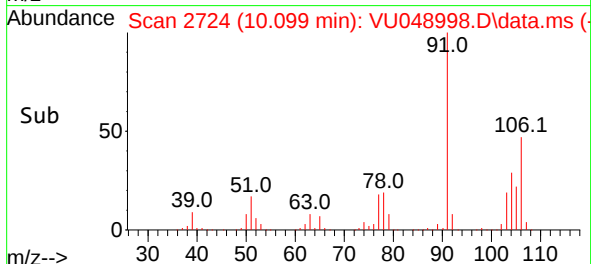
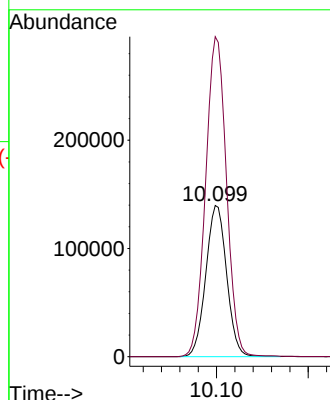
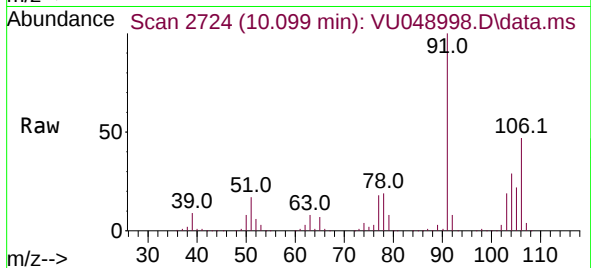
VSTD050145

Tgt Ion:106 Resp: 220217

Ion Ratio Lower Upper

106 100

91 211.7 145.2 269.6



#55

Styrene

Concen: 50.110 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU048998.D

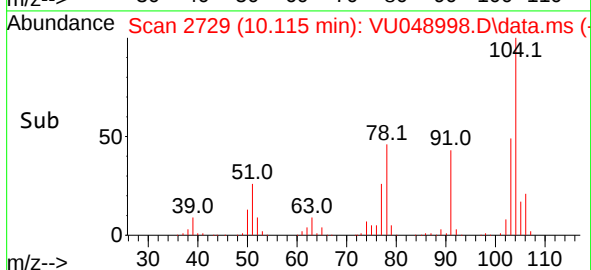
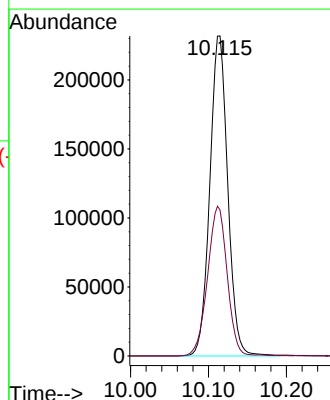
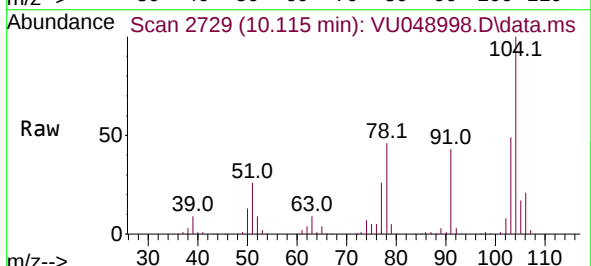
Acq: 10 Jun 2022 15:29

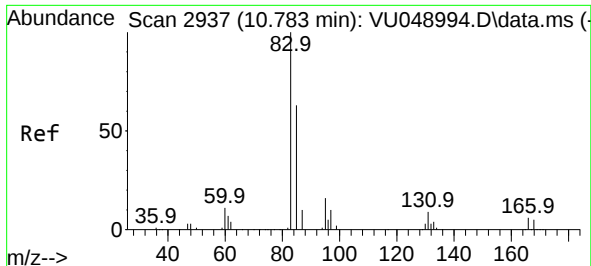
Tgt Ion:104 Resp: 371806

Ion Ratio Lower Upper

104 100

78 45.6 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 48.993 ug/L

RT: 10.780 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU048998.D

Acq: 10 Jun 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

VSTD050145

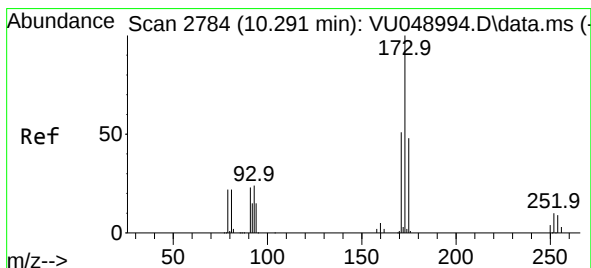
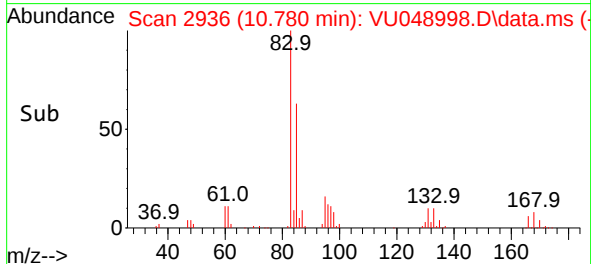
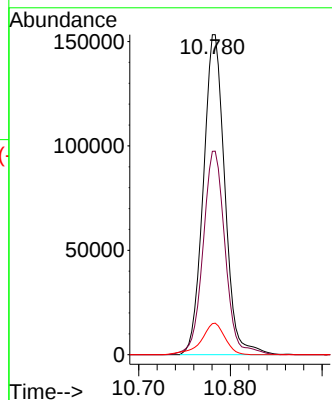
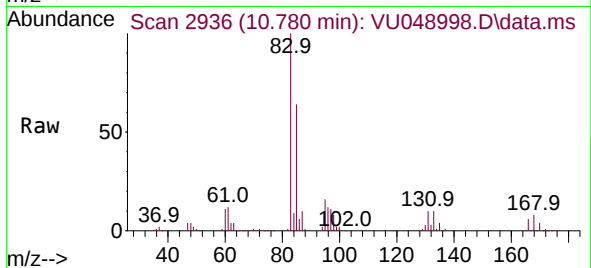
Tgt Ion: 83 Resp: 249300

Ion Ratio Lower Upper

83 100

85 63.5 44.5 82.7

131 9.7 7.6 11.4



#59

Bromoform

Concen: 47.444 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU048998.D

Acq: 10 Jun 2022 15:29

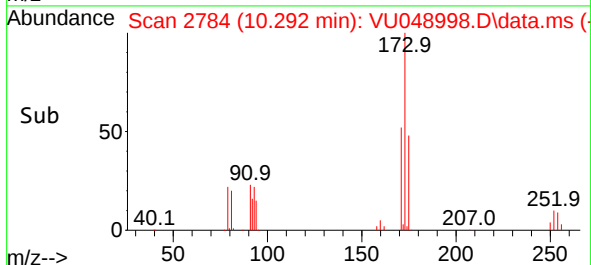
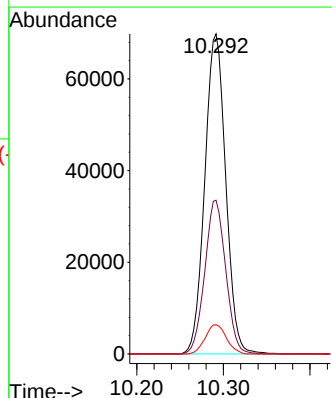
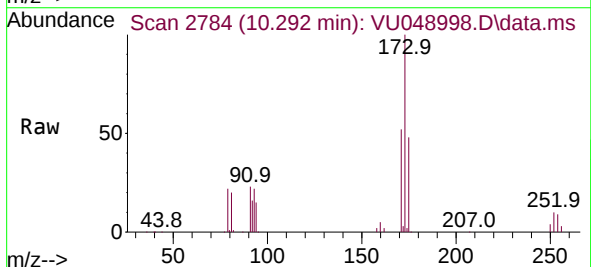
Tgt Ion:173 Resp: 117165

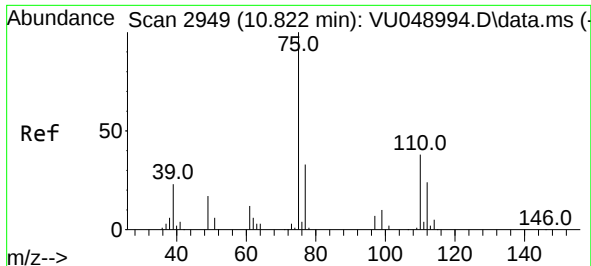
Ion Ratio Lower Upper

173 100

175 48.0 37.8 56.8

254 9.3 7.2 10.8

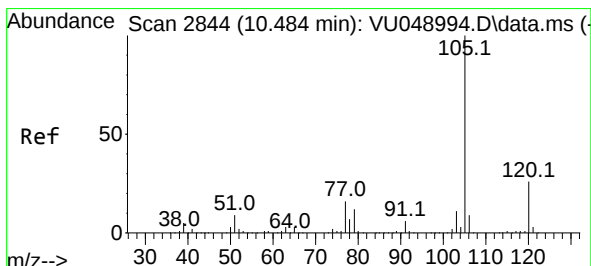
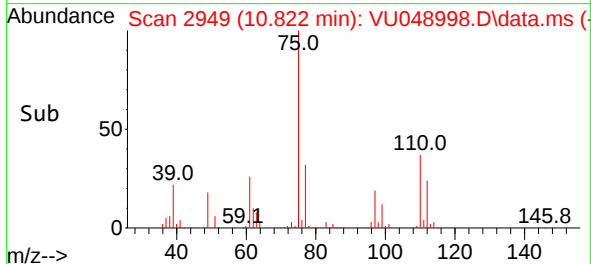
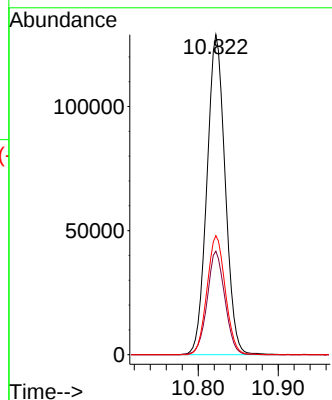
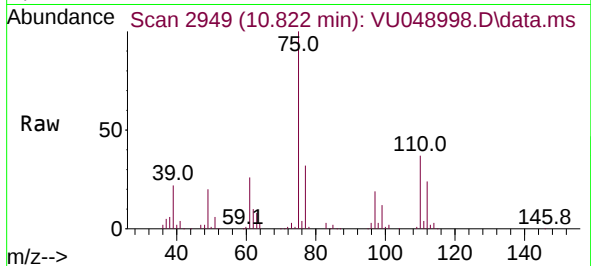




#60
1,2,3-Trichloropropane
Concen: 48.270 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

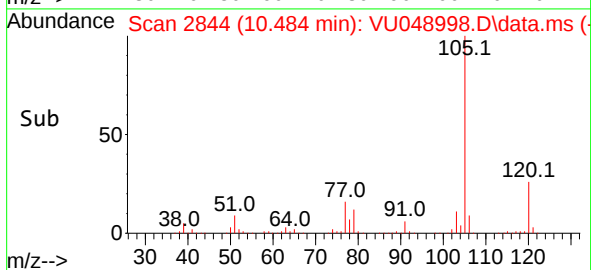
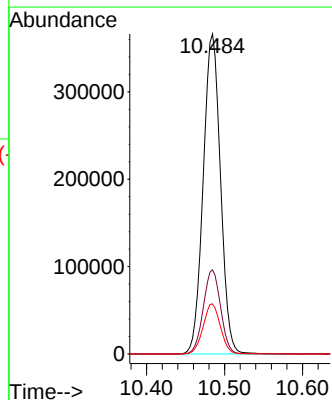
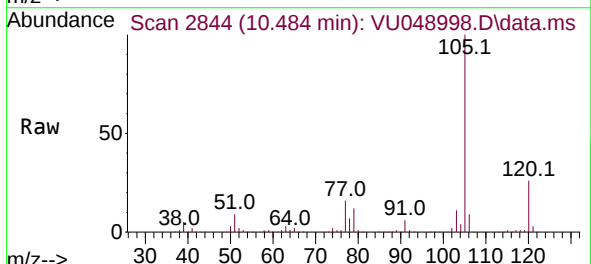
Instrument :
MSVOA_U
ClientSampleId :
VSTD050145

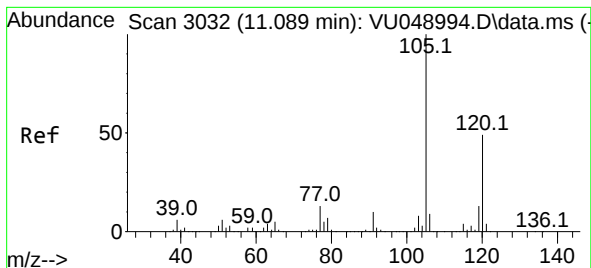
Tgt Ion:	75	Resp:	204885
Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.6	40.0
110	37.3	30.2	45.4



#61
Isopropylbenzene
Concen: 49.604 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

Tgt Ion:	105	Resp:	563831
Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.1	31.7
77	15.7	12.7	19.1





#62

1,3,5-Trimethylbenzene

Concen: 49.900 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU048998.D

Acq: 10 Jun 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

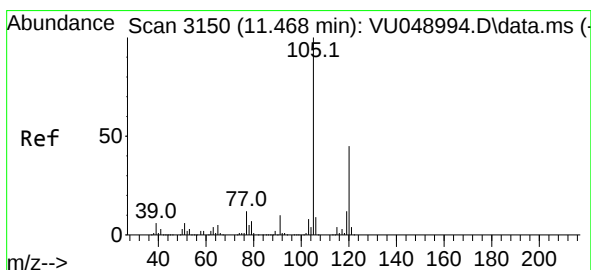
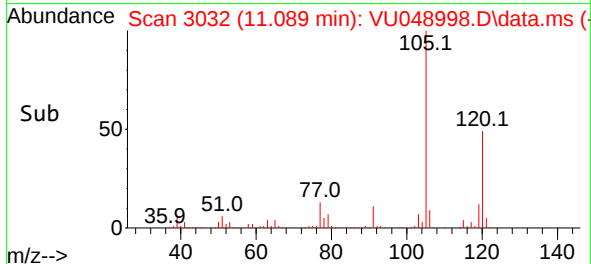
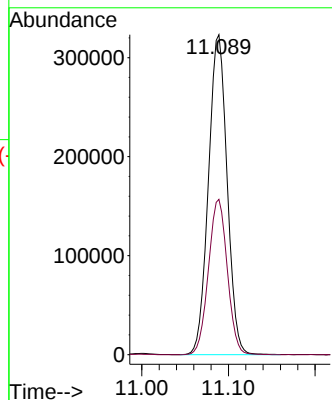
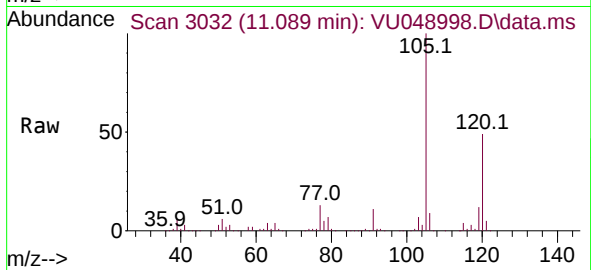
VSTD050145

Tgt Ion:105 Resp: 484244

Ion Ratio Lower Upper

105 100

120 49.0 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 50.315 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU048998.D

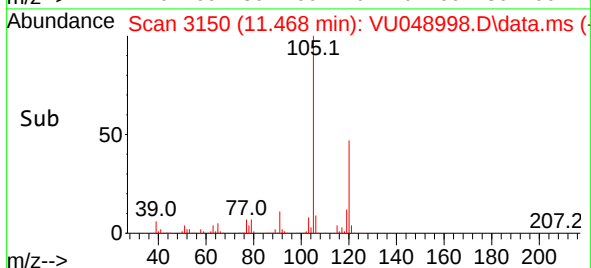
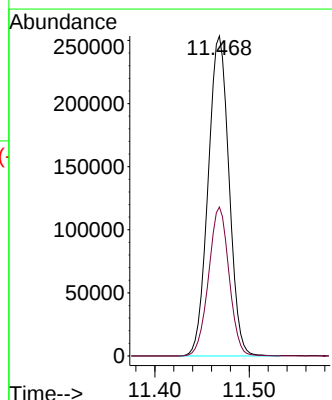
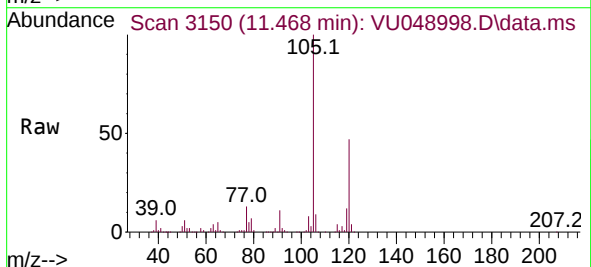
Acq: 10 Jun 2022 15:29

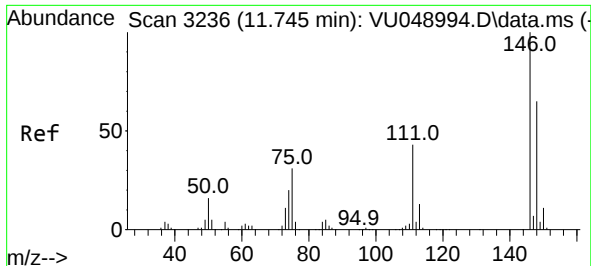
Tgt Ion:105 Resp: 388739

Ion Ratio Lower Upper

105 100

120 45.6 36.3 54.5

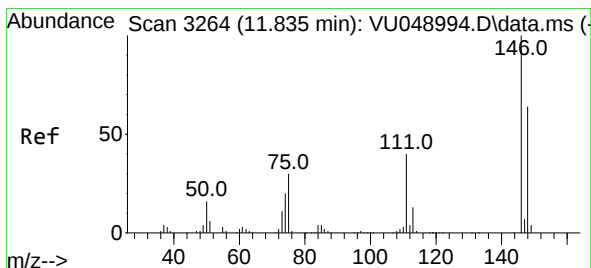
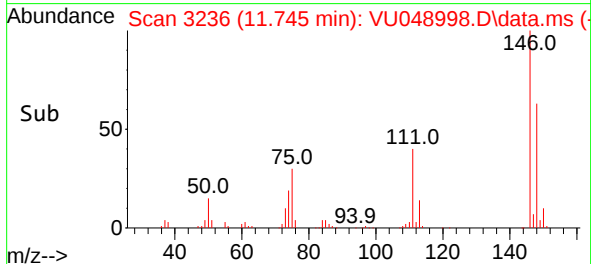
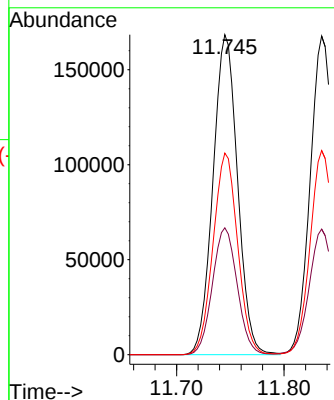
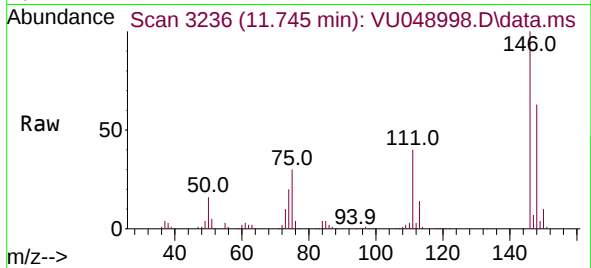




#64
 1,3-Dichlorobenzene
 Concen: 47.999 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU048998.D
 Acq: 10 Jun 2022 15:29

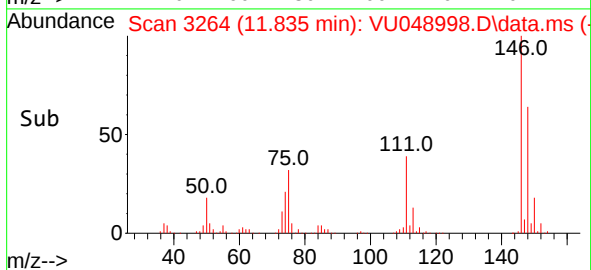
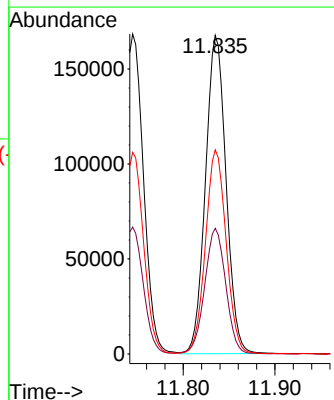
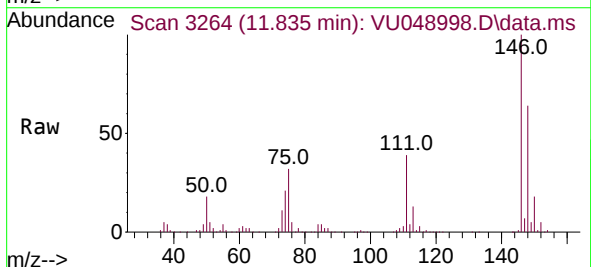
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050145

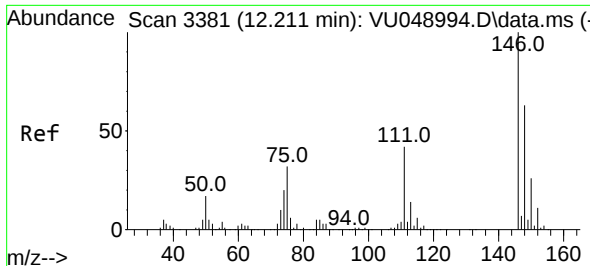
Tgt Ion:146 Resp: 267633
 Ion Ratio Lower Upper
 146 100
 111 39.6 29.8 55.3
 148 63.0 45.8 85.0



#65
 1,4-Dichlorobenzene
 Concen: 46.346 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. 0.000 min
 Lab File: VU048998.D
 Acq: 10 Jun 2022 15:29

Tgt Ion:146 Resp: 261641
 Ion Ratio Lower Upper
 146 100
 111 39.4 28.1 52.1
 148 64.1 44.9 83.3

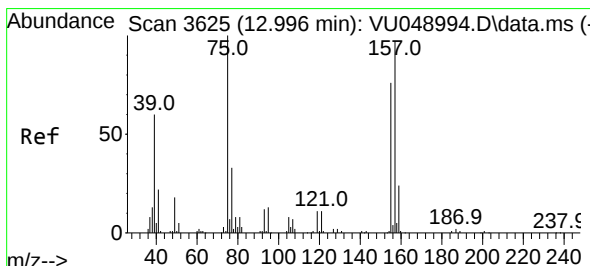
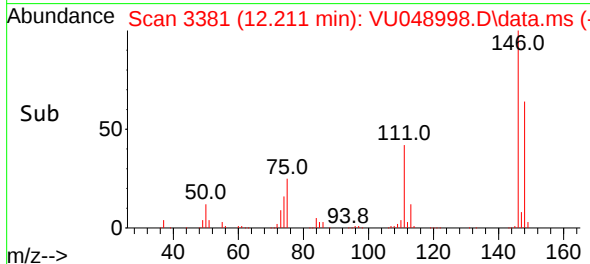
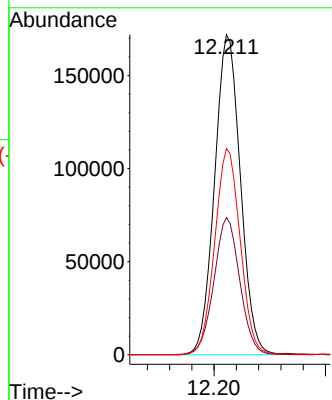
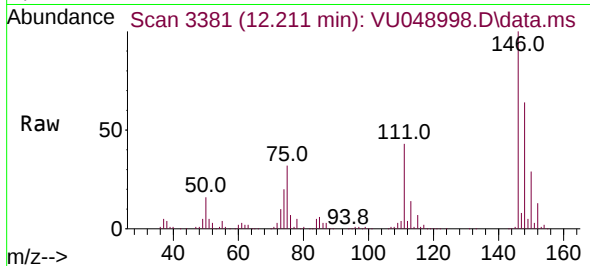




#67
1,2-Dichlorobenzene
Concen: 47.854 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

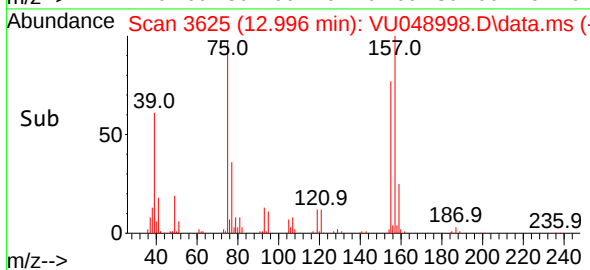
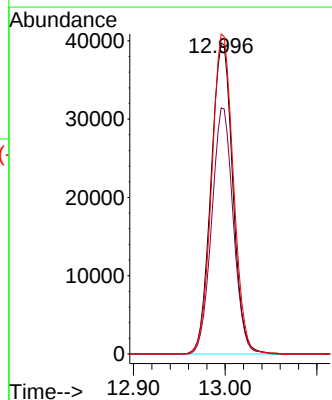
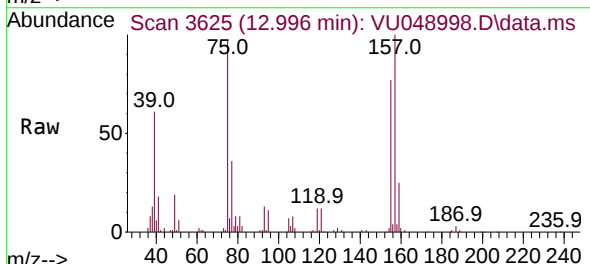
Instrument :
MSVOA_U
ClientSampleId :
VSTD050145

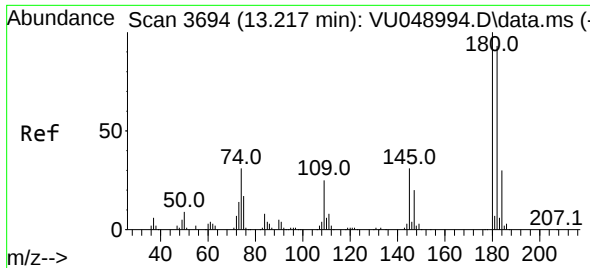
Tgt Ion:146 Resp: 276906
Ion Ratio Lower Upper
146 100
111 42.8 33.9 50.9
148 64.4 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 46.754 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

Tgt Ion: 75 Resp: 65500
Ion Ratio Lower Upper
75 100
155 79.1 61.0 91.6
157 102.9 77.6 116.4

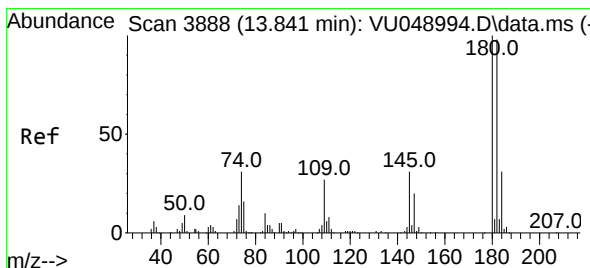
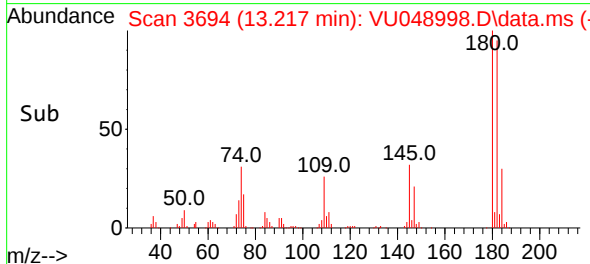
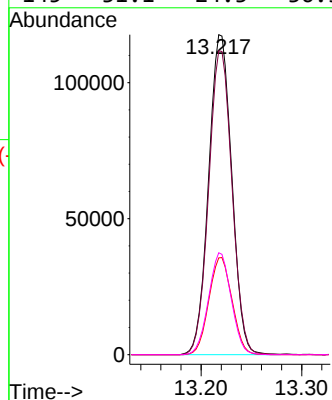
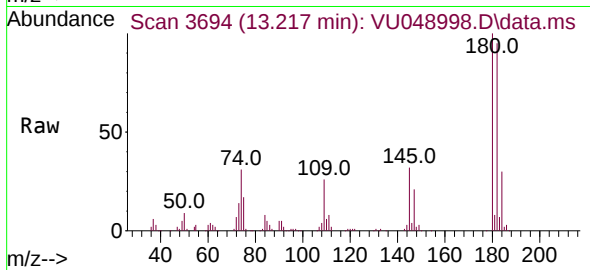




#69
1,3,5-Trichlorobenzene
Concen: 47.143 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

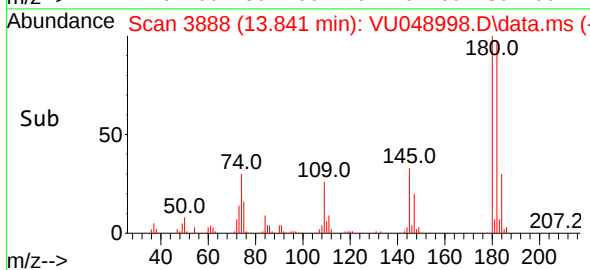
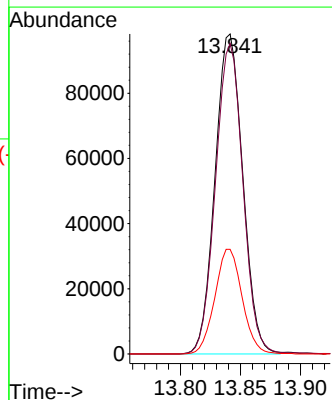
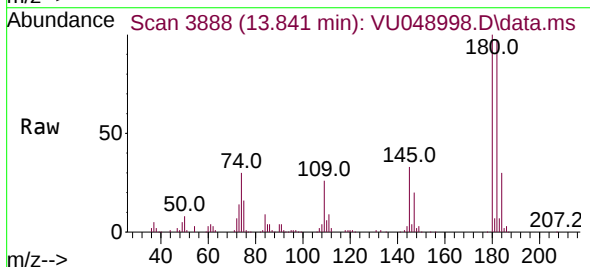
Instrument :
MSVOA_U
ClientSampleId :
VSTD050145

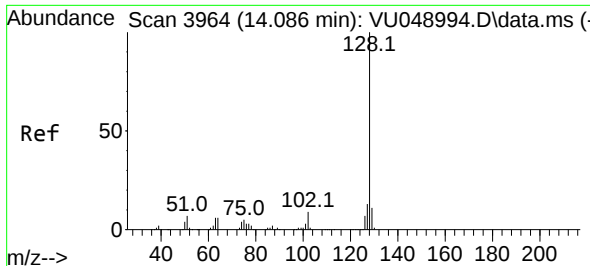
Tgt Ion:180 Resp: 187785
Ion Ratio Lower Upper
180 100
182 95.7 76.0 114.0
184 30.4 24.5 36.7
145 31.1 24.3 36.5



#70
1,2,4-trichlorobenzene
Concen: 46.845 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

Tgt Ion:180 Resp: 157789
Ion Ratio Lower Upper
180 100
182 95.7 78.2 117.2
145 32.2 25.0 37.4

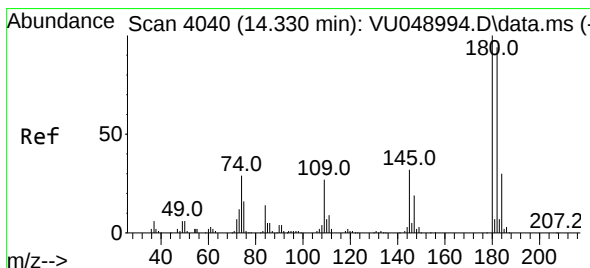
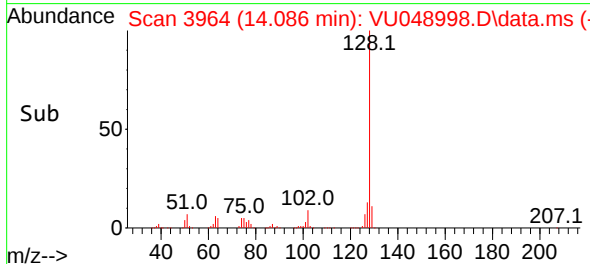
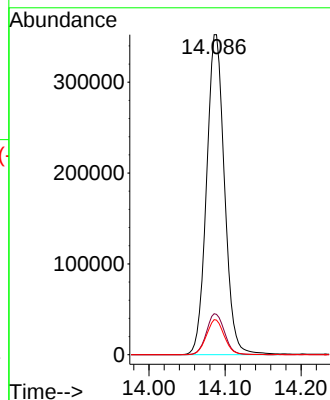
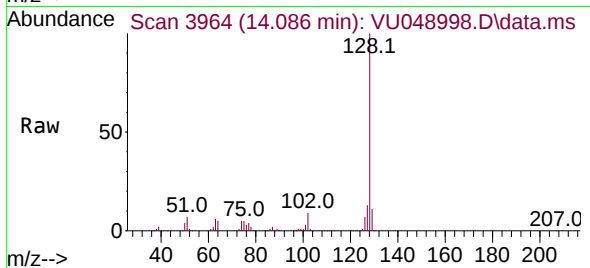




#71
Naphthalene
Concen: 48.439 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

Instrument :
MSVOA_U
ClientSampleId :
VSTD050145

Tgt Ion:128 Resp: 577245
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 48.628 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048998.D
Acq: 10 Jun 2022 15:29

Tgt Ion:180 Resp: 173258
Ion Ratio Lower Upper
180 100
182 94.7 77.3 115.9
145 32.5 26.3 39.5

