

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU048995.D
 Acq On : 10 Jun 2022 13:55
 Operator : SY/MD
 Sample : VSTD10077
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100077

Quant Time: Jun 10 22:28:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:26:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	314524	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	303467	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	180808	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	205155	105.125	ug/L	0.00
7) Chloroethane-d5	1.890	69	148963	103.572	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	63	385412	91.309	ug/L	0.00
21) 2-Butanone-d5	4.616	46	468044	249.469	ug/L	0.00
24) Chloroform-d	5.060	84	442343	93.275	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	286415	87.021	ug/L	0.00
32) Benzene-d6	5.726	84	819619	98.725	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	273324	108.710	ug/L	0.00
41) Toluene-d8	7.896	98	732611	95.490	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	135961	90.125	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	331260	247.443	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	472450	114.220	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	336773	92.940	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	283676	88.144	ug/L	99
3) Chloromethane	1.523	50	304433	137.476	ug/L	99
5) Vinyl chloride	1.604	62	279442	121.347	ug/L	99
6) Bromomethane	1.829	94	150906	97.040	ug/L	98
8) Chloroethane	1.912	64	155343	116.728	ug/L	98
9) Trichlorofluoromethane	2.124	101	394110	94.309	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	221661	102.479	ug/L	100
12) 1,1-Dichloroethene	2.571	96	200874	100.232	ug/L	98
13) Acetone	2.623	43	327564	221.360	ug/L	99
14) Carbon disulfide	2.787	76	496528	87.277	ug/L	99
15) Methyl Acetate	2.944	43	338234	127.208	ug/L	100
16) Methylene chloride	3.041	84	252562	106.164	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	217234	100.089	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	827788	108.699	ug/L	100
19) 1,1-Dichloroethane	3.864	63	463237	113.444	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	268739	108.707	ug/L	100
22) 2-Butanone	4.697	43	543482	273.159	ug/L	100
23) Bromochloromethane	4.970	128	140702	103.414	ug/L	99
25) Chloroform	5.086	83	491501	105.070	ug/L	99
27) 1,2-Dichloroethane	5.793	62	392114	99.581	ug/L	99
29) Cyclohexane	5.385	56	364259	116.871	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	436142	97.998	ug/L	98
31) Carbon tetrachloride	5.523	117	377777	94.150	ug/L	100
33) Benzene	5.771	78	1012161	113.434	ug/L	100
34) Trichloroethene	6.539	95	256561	104.265	ug/L	97
35) Methylcyclohexane	6.761	83	381355	108.386	ug/L	100
37) 1,2-Dichloropropane	6.790	63	283603	124.122	ug/L	100
38) Bromodichloromethane	7.105	83	379970	107.499	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	444667	118.193	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	1033444	289.758	ug/L	99
42) Toluene	7.967	91	1079221	112.992	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	443515	113.809	ug/L	100

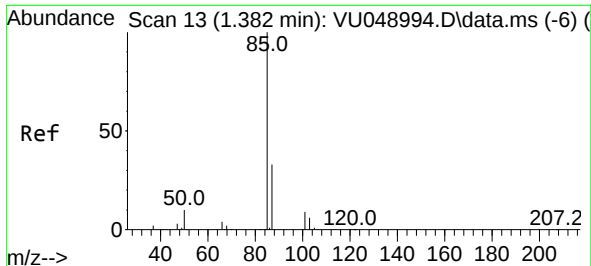
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
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 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:26:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	270989	113.710	ug/L	99
46) Tetrachloroethene	8.552	164	195483	99.701	ug/L	98
48) 2-Hexanone	8.684	43	856491	285.884	ug/L	100
49) Dibromochloromethane	8.809	129	313642	105.452	ug/L	99
50) 1,2-Dibromoethane	8.922	107	293965	108.754	ug/L	98
51) Chlorobenzene	9.446	112	698088	104.759	ug/L	100
52) Ethylbenzene	9.568	91	1175219	107.854	ug/L	98
53) m,p-Xylene	9.693	106	474553	108.652	ug/L	98
54) o-Xylene	10.098	106	473110	112.449	ug/L	98
55) Styrene	10.115	104	820002	112.770	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	534908	127.801	ug/L	98
59) Bromoform	10.291	173	257494	103.830	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	437880	118.706	ug/L	99
61) Isopropylbenzene	10.484	105	1222116	108.868	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	1100620	155.296	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	899006	96.213	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	603030	105.999	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	603285	102.270	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	632426	107.794	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	147362	106.194	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	446211	100.102	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	382541	96.044	ug/L	99
71) Naphthalene	14.085	128	1291380	97.053	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	386435	95.567	ug/L	99

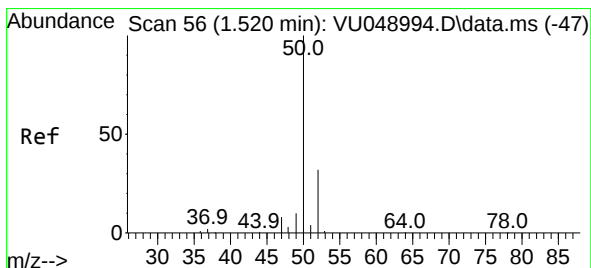
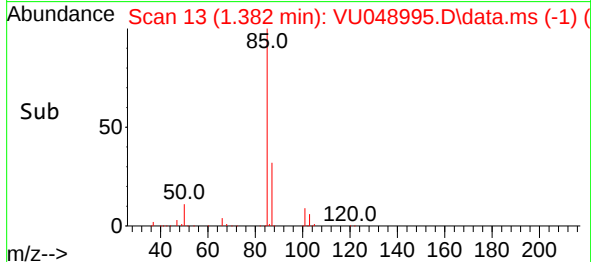
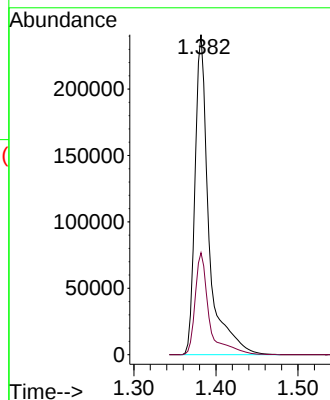
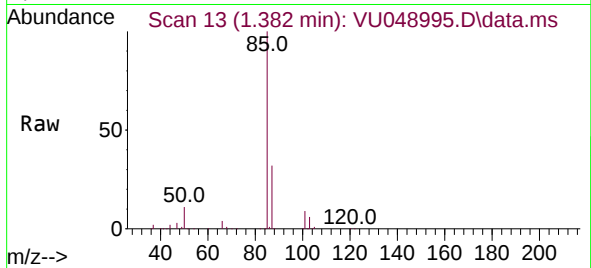
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 88.144 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

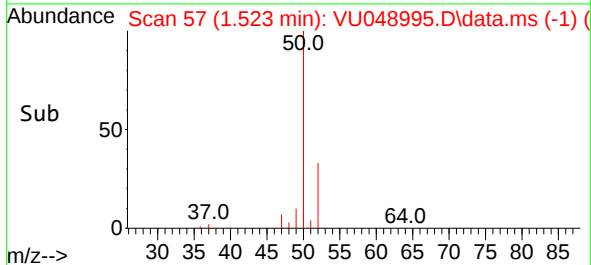
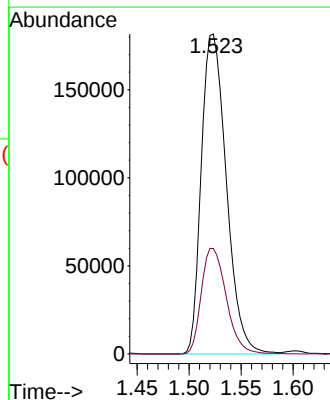
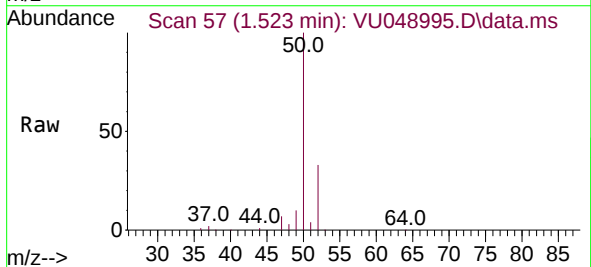
Instrument :
MSVOA_U
ClientSampleId :
VSTD100077

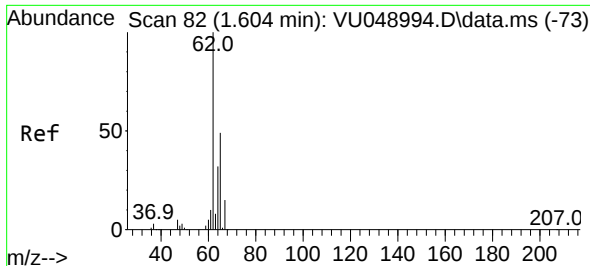
Tgt Ion: 85 Resp: 283676
Ion Ratio Lower Upper
85 100
87 32.2 26.3 39.5



#3
Chloromethane
Concen: 137.476 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

Tgt Ion: 50 Resp: 304433
Ion Ratio Lower Upper
50 100
52 32.9 22.7 42.1

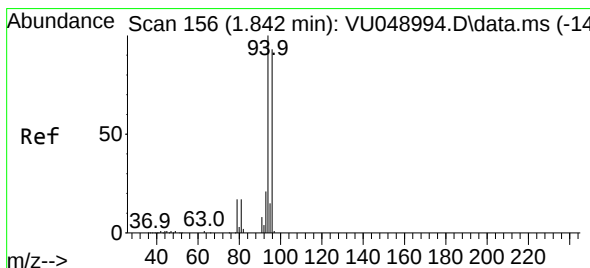
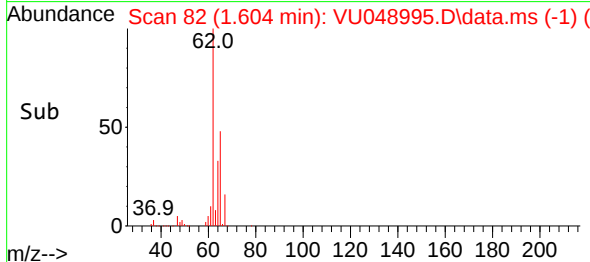
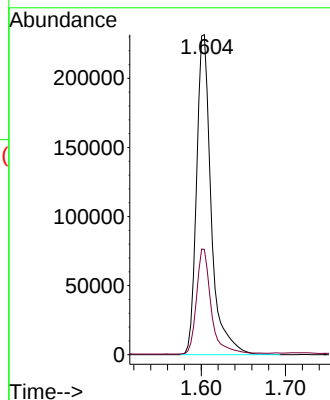
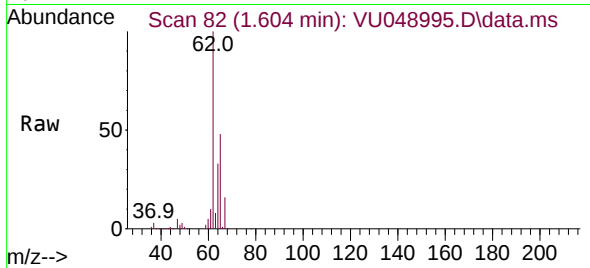




#5
 Vinyl chloride
 Concen: 121.347 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU048995.D
 Acq: 10 Jun 2022 13:55

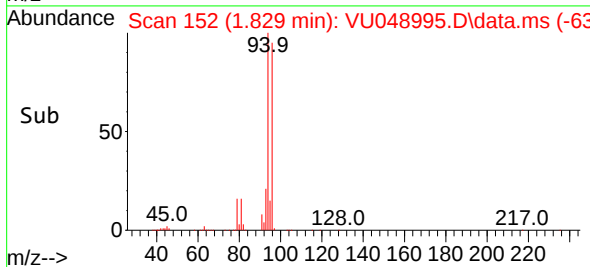
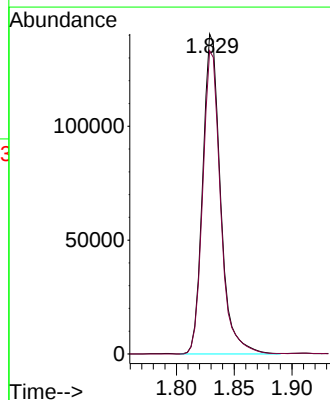
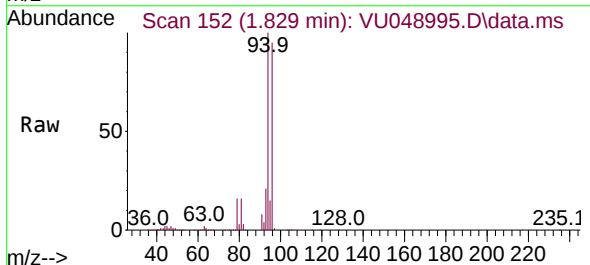
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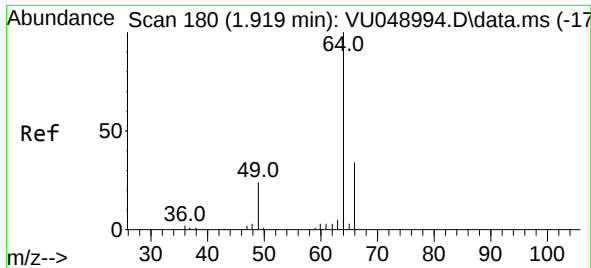
Tgt Ion: 62 Resp: 279442
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.7 42.3



#6
 Bromomethane
 Concen: 97.040 ug/L
 RT: 1.829 min Scan# 152
 Delta R.T. -0.013 min
 Lab File: VU048995.D
 Acq: 10 Jun 2022 13:55

Tgt Ion: 94 Resp: 150906
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.1 120.9

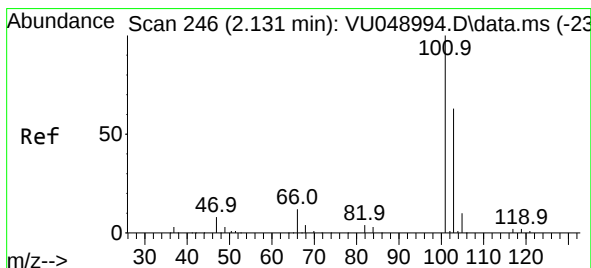
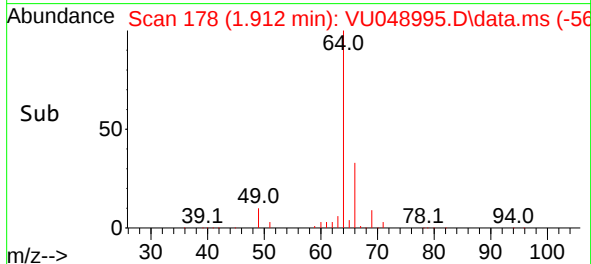
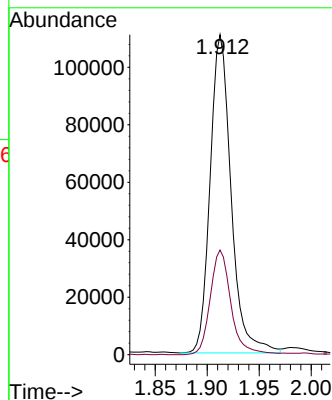
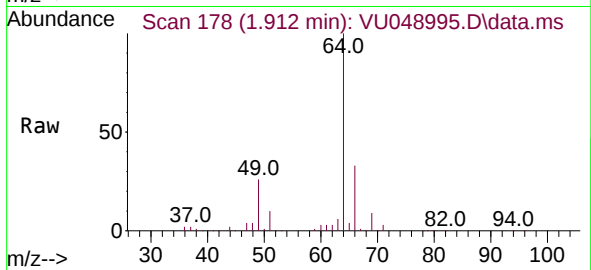




#8
Chloroethane
Concen: 116.728 ug/L
RT: 1.912 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

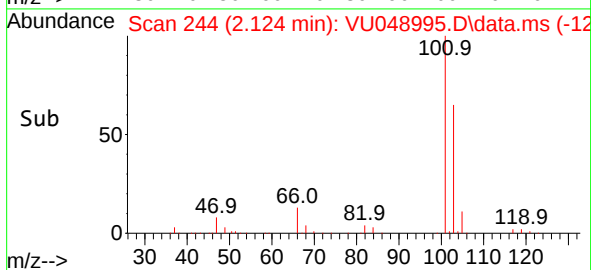
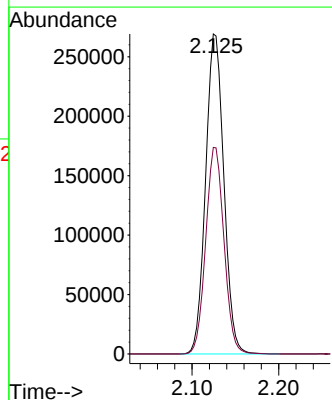
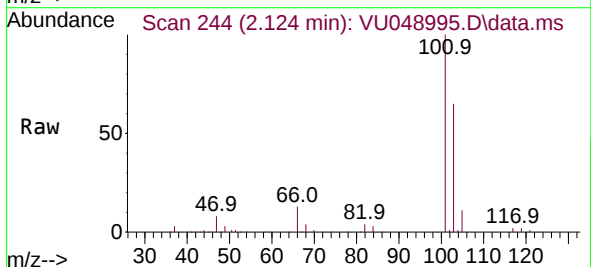
Instrument :
MSVOA_U
ClientSampleId :
VSTD100077

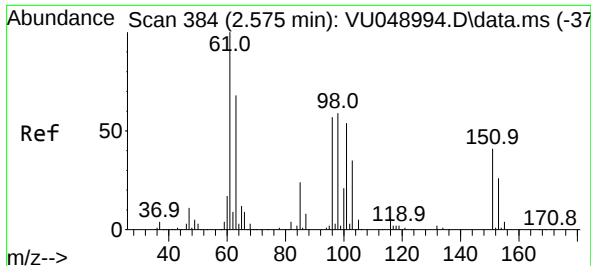
Tgt Ion: 64 Resp: 155343
Ion Ratio Lower Upper
64 100
66 32.7 23.7 43.9



#9
Trichlorofluoromethane
Concen: 94.309 ug/L
RT: 2.124 min Scan# 244
Delta R.T. -0.007 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

Tgt Ion:101 Resp: 394110
Ion Ratio Lower Upper
101 100
103 64.7 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 102.479 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.003 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD100077

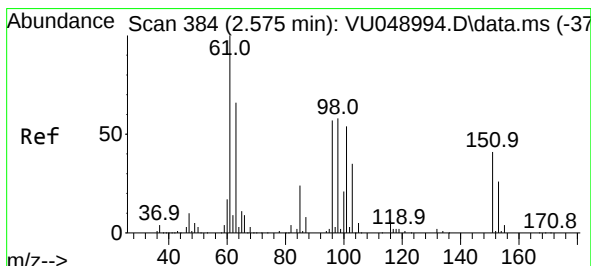
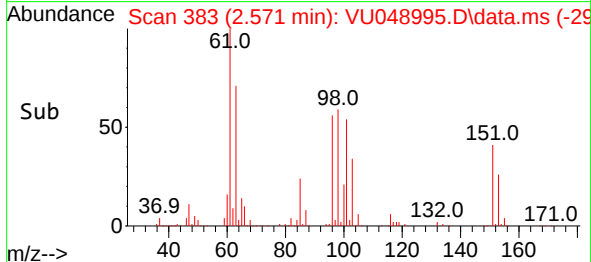
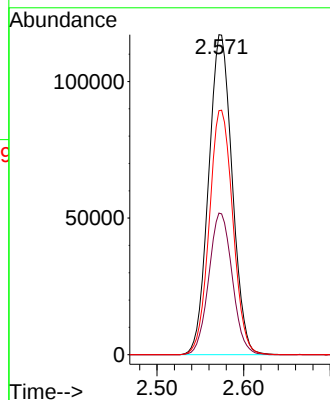
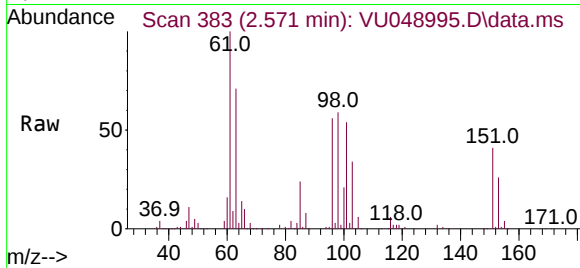
Tgt Ion:101 Resp: 221661

Ion Ratio Lower Upper

101 100

85 44.0 35.2 52.8

151 76.4 61.4 92.2



#12

1,1-Dichloroethene

Concen: 100.232 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.003 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

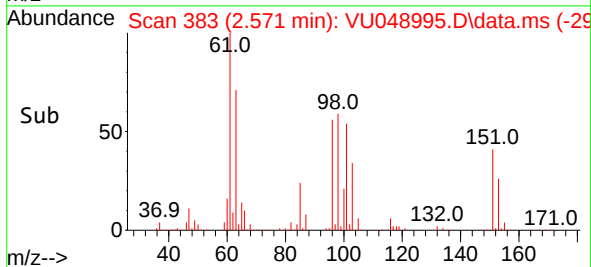
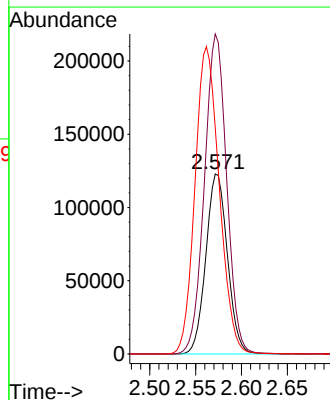
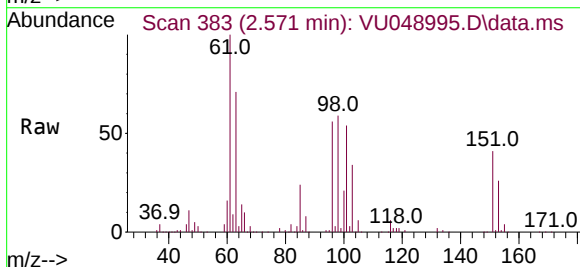
Tgt Ion: 96 Resp: 200874

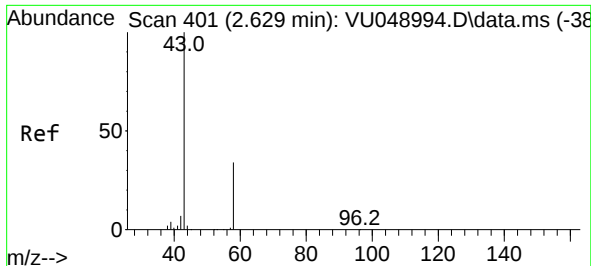
Ion Ratio Lower Upper

96 100

61 177.8 123.5 229.3

63 125.7 86.0 159.8





#13

Acetone

Concen: 221.360 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.007 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

Instrument :

MSVOA_U

ClientSampleId :

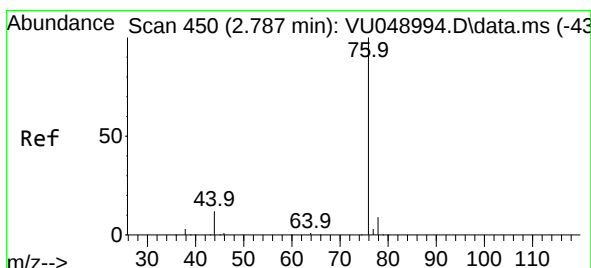
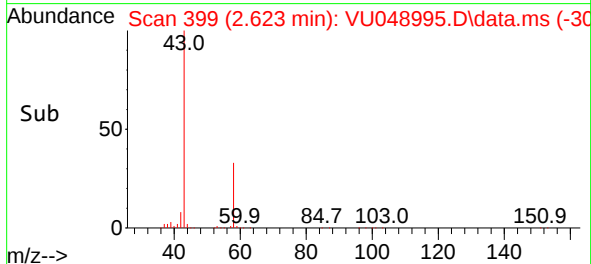
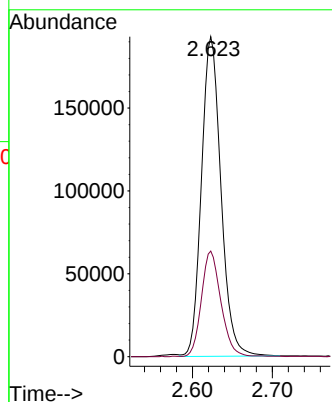
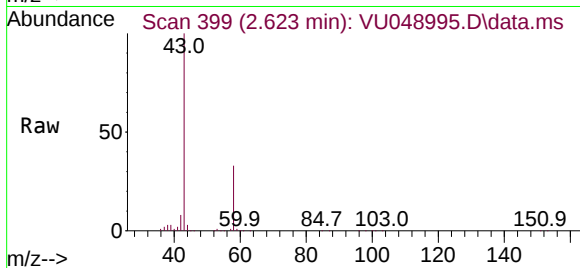
VSTD100077

Tgt Ion: 43 Resp: 327564

Ion Ratio Lower Upper

43 100

58 32.8 0.0 66.4



#14

Carbon disulfide

Concen: 87.277 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.000 min

Lab File: VU048995.D

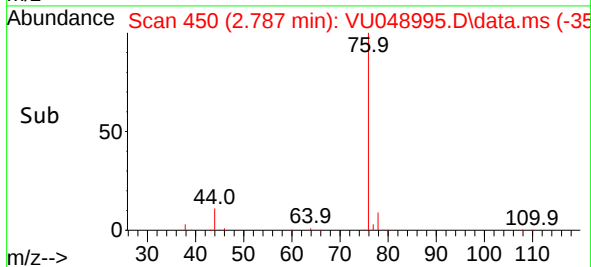
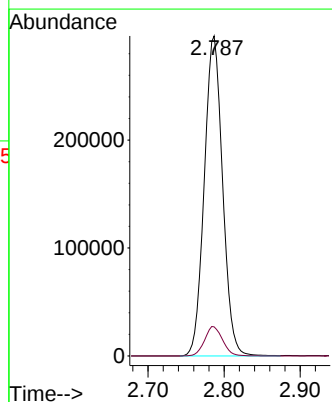
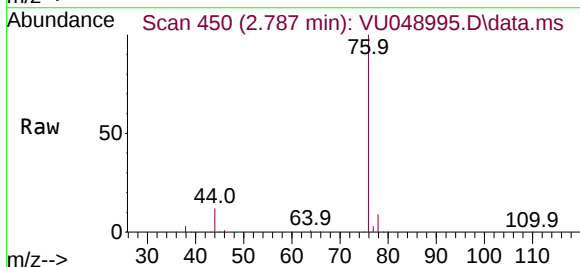
Acq: 10 Jun 2022 13:55

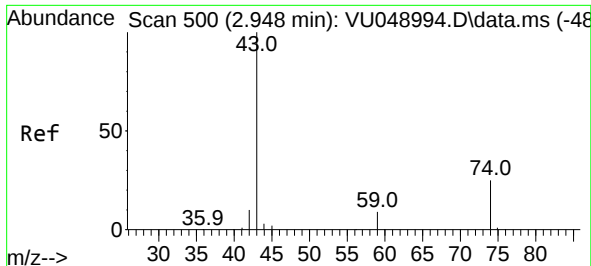
Tgt Ion: 76 Resp: 496528

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

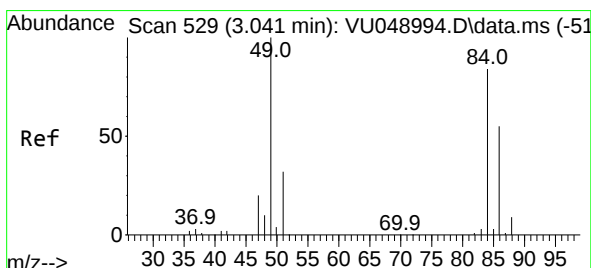
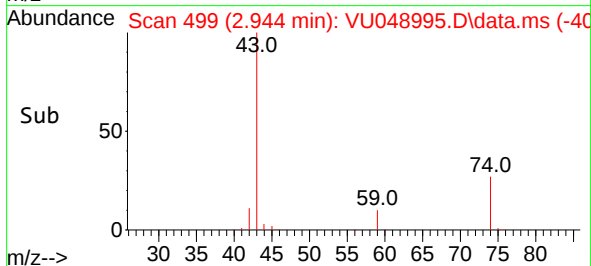
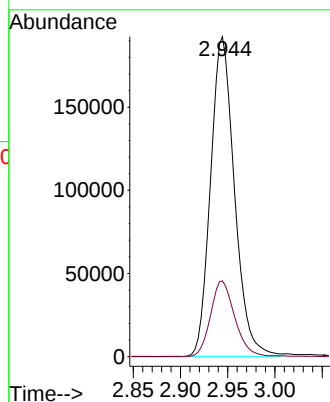
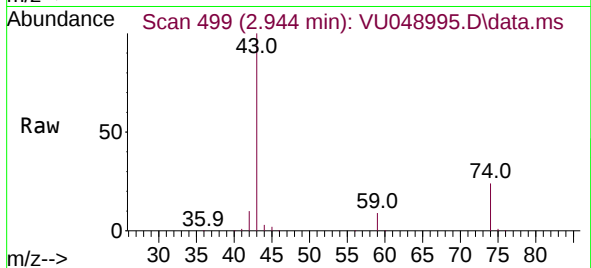




#15
Methyl Acetate
Concen: 127.208 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

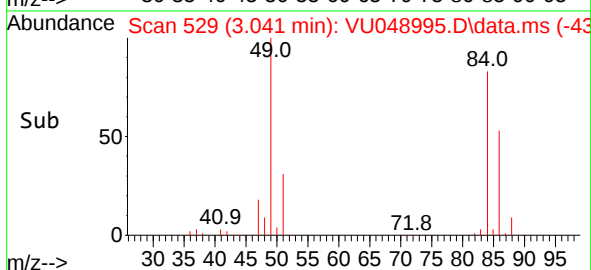
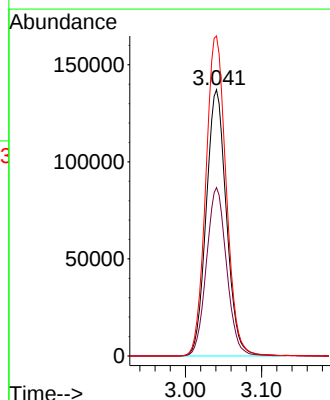
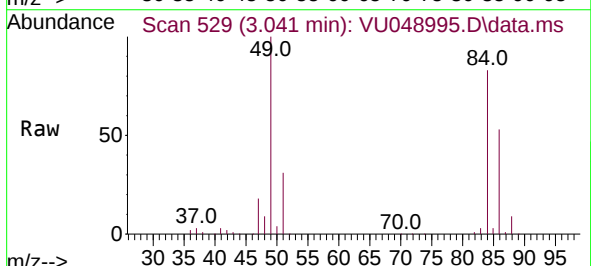
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MSVOA_U
ClientSampleId :
VSTD100077

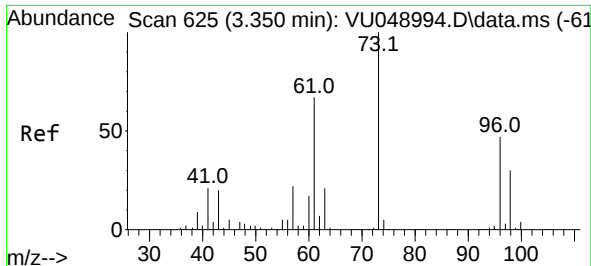
Tgt Ion: 43 Resp: 338234
Ion Ratio Lower Upper
43 100
74 24.0 19.0 28.6



#16
Methylene chloride
Concen: 106.164 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

Tgt Ion: 84 Resp: 252562
Ion Ratio Lower Upper
84 100
86 63.2 45.8 85.0
49 120.2 83.4 155.0





#17

trans-1,2-Dichloroethene

Concen: 100.089 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD100077

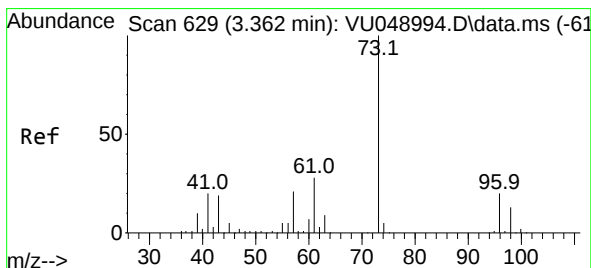
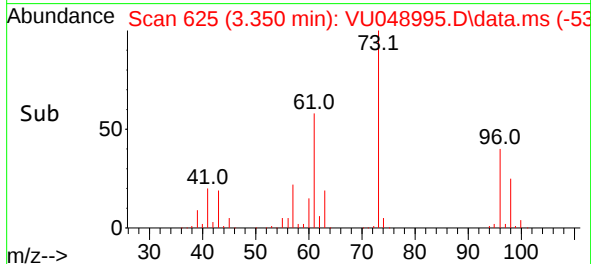
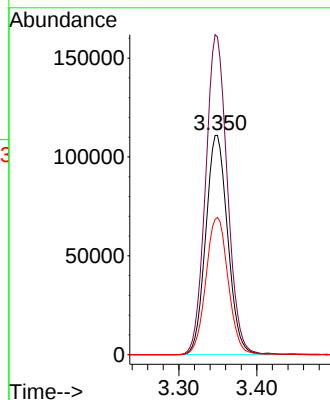
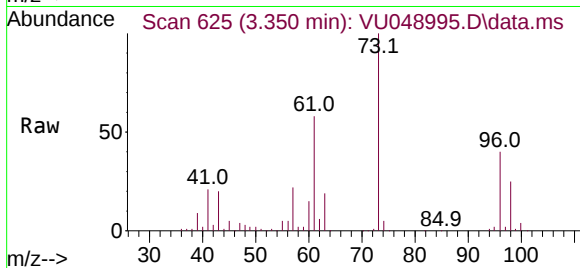
Tgt Ion: 96 Resp: 217234

Ion Ratio Lower Upper

96 100

61 144.8 99.3 184.3

98 62.6 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 108.699 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.003 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

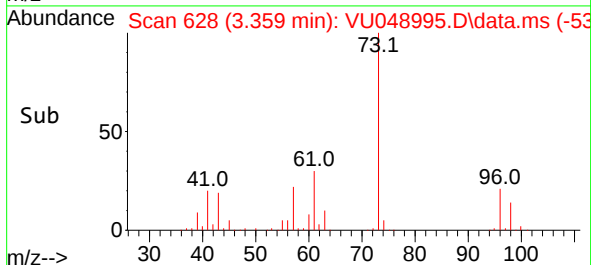
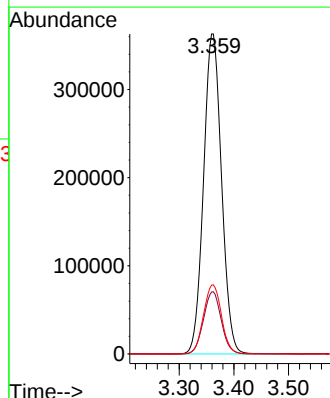
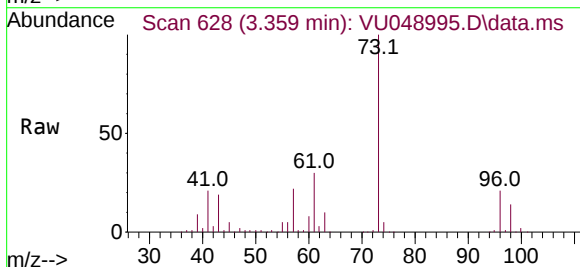
Tgt Ion: 73 Resp: 827788

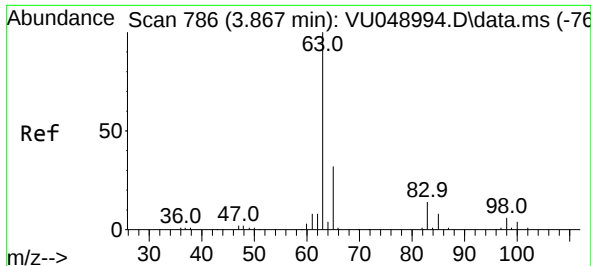
Ion Ratio Lower Upper

73 100

43 19.1 15.0 22.4

57 21.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 113.444 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.003 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD100077

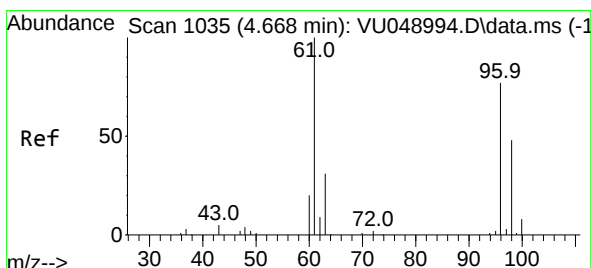
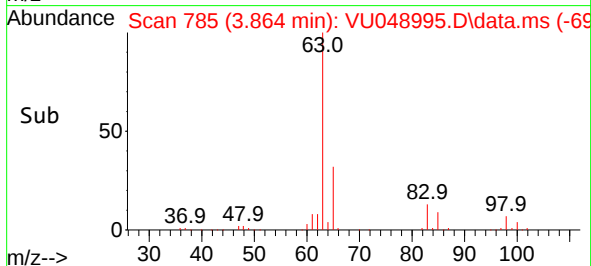
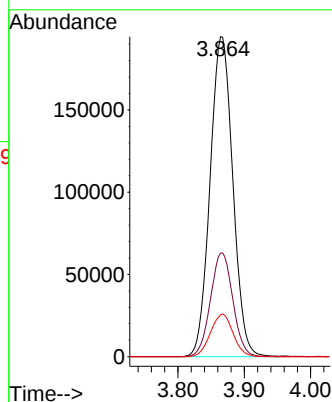
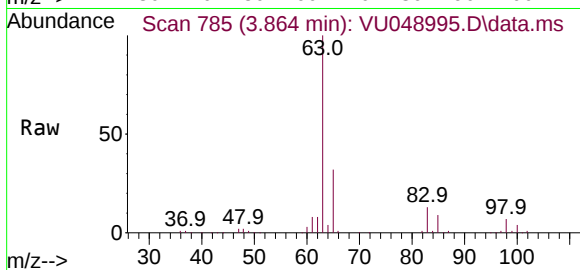
Tgt Ion: 63 Resp: 463237

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.5

83 13.0 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 108.707 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

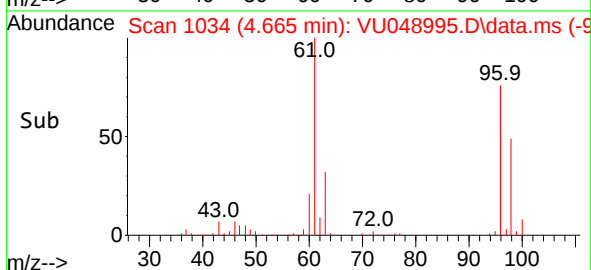
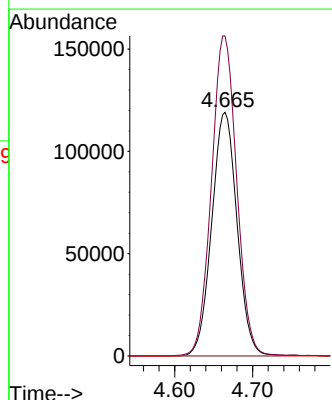
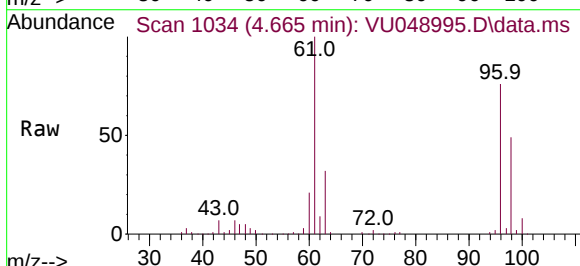
Tgt Ion: 96 Resp: 268739

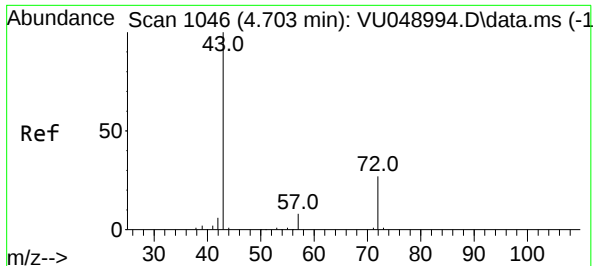
Ion Ratio Lower Upper

96 100

61 131.3 91.6 170.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 273.159 ug/L

RT: 4.697 min Scan# 1104

Delta R.T. -0.007 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

Instrument :

MSVOA_U

ClientSampleId :

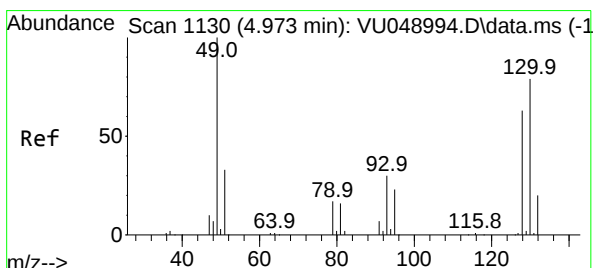
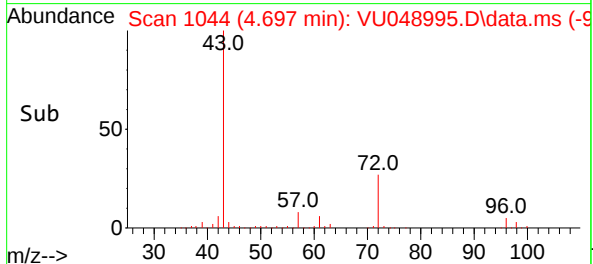
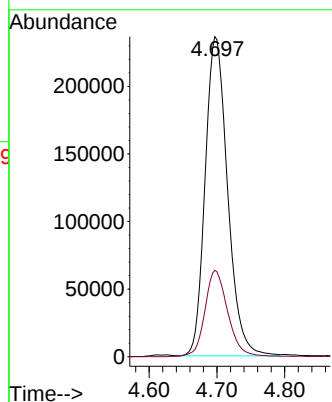
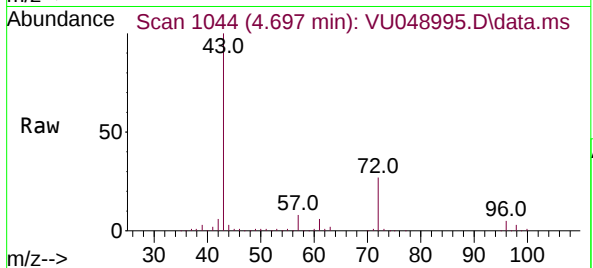
VSTD100077

Tgt Ion: 43 Resp: 543482

Ion Ratio Lower Upper

43 100

72 27.6 13.7 41.0



#23

Bromochloromethane

Concen: 103.414 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

Tgt Ion:128 Resp: 140702

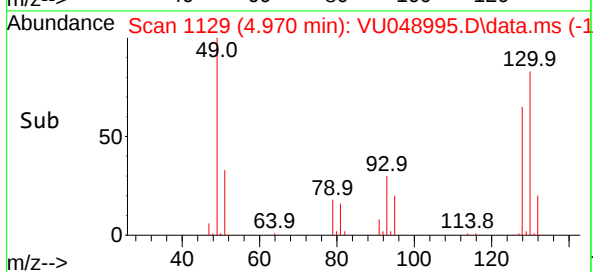
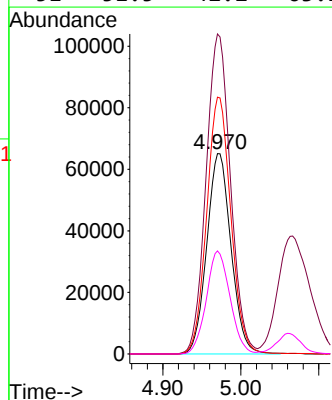
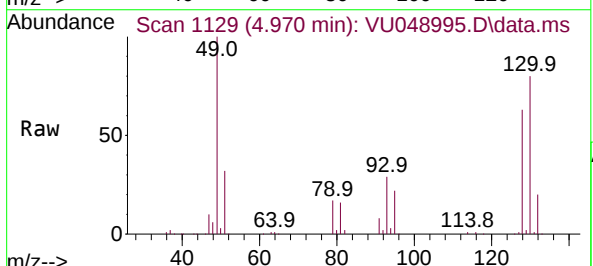
Ion Ratio Lower Upper

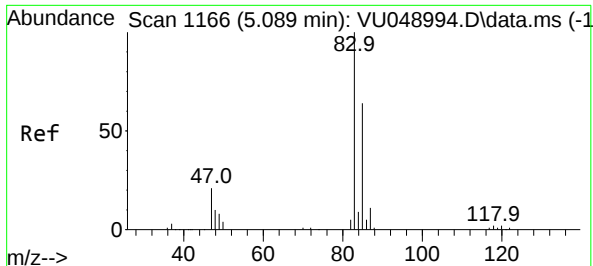
128 100

49 159.8 111.9 207.9

130 128.2 88.6 164.6

51 51.5 42.2 63.2





#25

Chloroform

Concen: 105.070 ug/L

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

Instrument :

MSVOA_U

ClientSampleId :

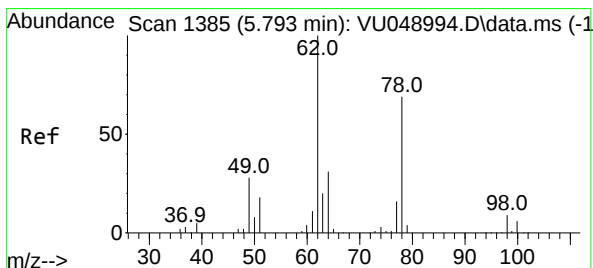
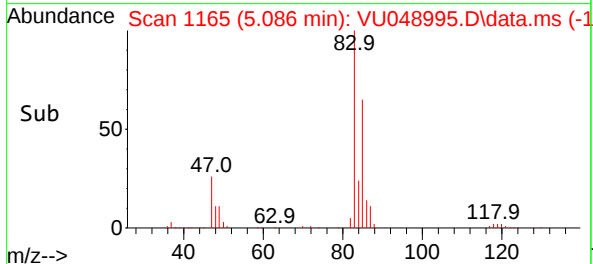
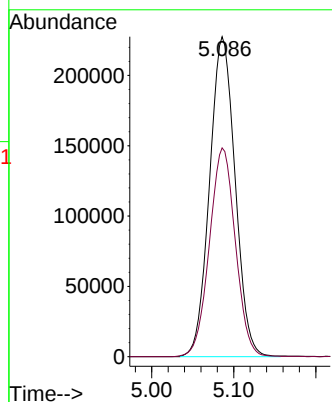
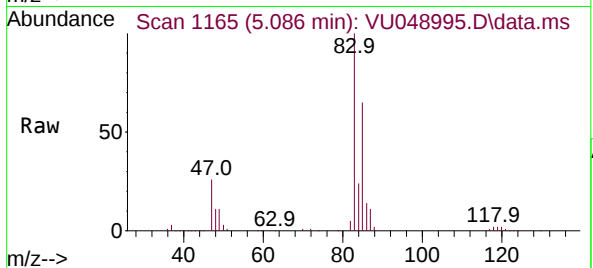
VSTD100077

Tgt Ion: 83 Resp: 491501

Ion Ratio Lower Upper

83 100

85 65.3 45.1 83.9



#27

1,2-Dichloroethane

Concen: 99.581 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU048995.D

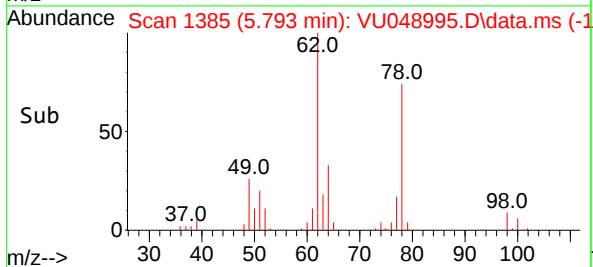
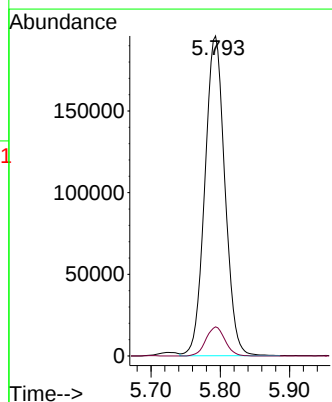
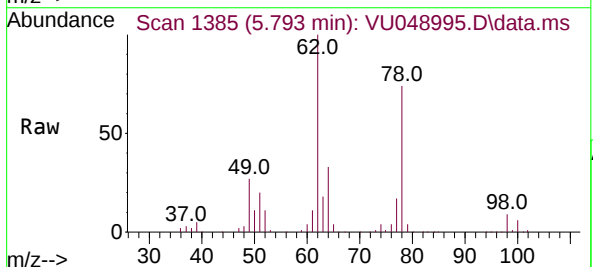
Acq: 10 Jun 2022 13:55

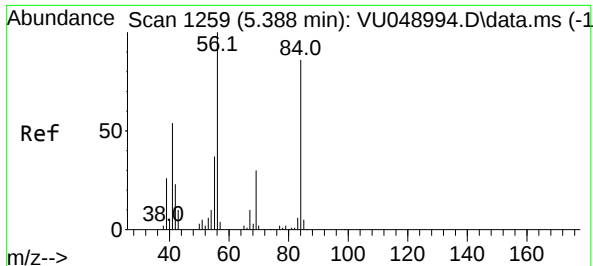
Tgt Ion: 62 Resp: 392114

Ion Ratio Lower Upper

62 100

98 9.1 7.0 10.4





#29

Cyclohexane

Concen: 116.871 ug/L

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD100077

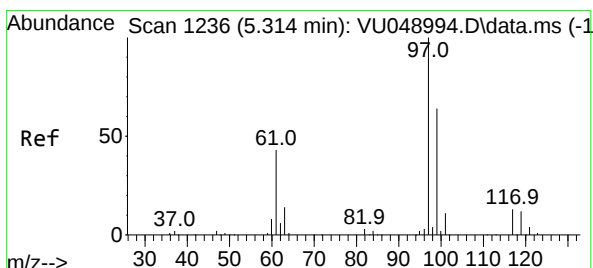
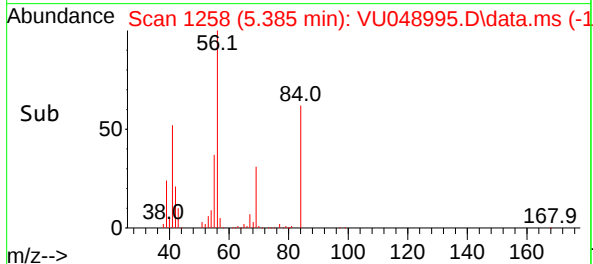
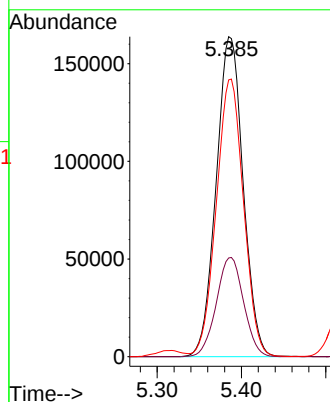
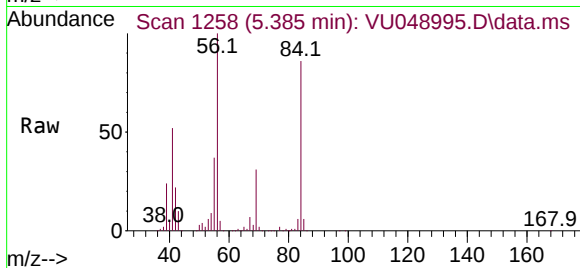
Tgt Ion: 56 Resp: 364259

Ion Ratio Lower Upper

56 100

69 31.3 24.6 36.8

84 87.4 69.7 104.5



#30

1,1,1-Trichloroethane

Concen: 97.998 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

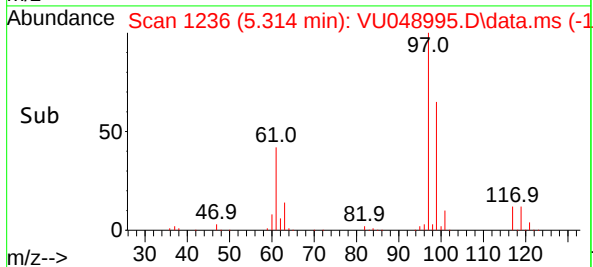
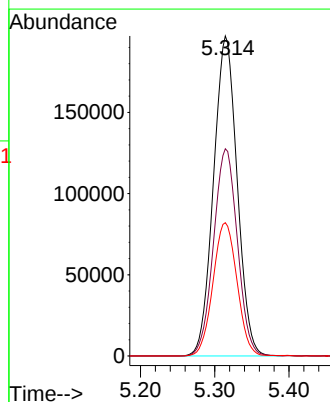
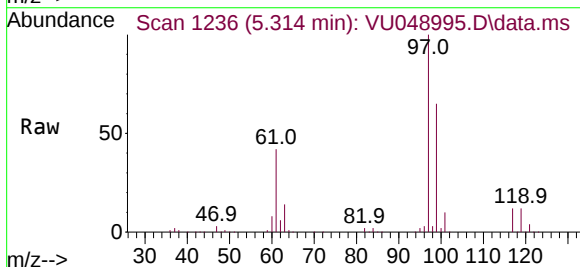
Tgt Ion: 97 Resp: 436142

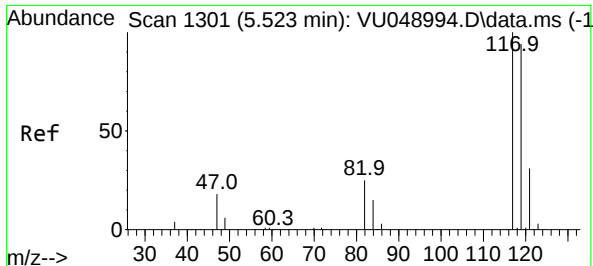
Ion Ratio Lower Upper

97 100

99 65.5 50.9 76.3

61 42.4 34.2 51.2

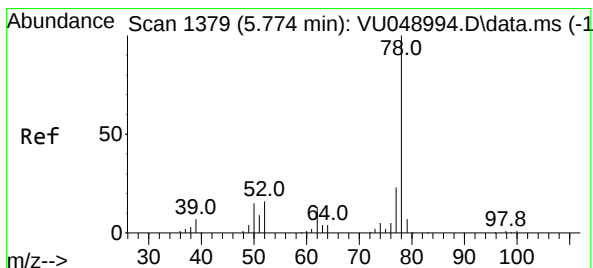
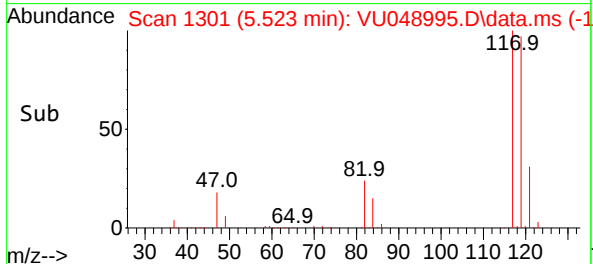
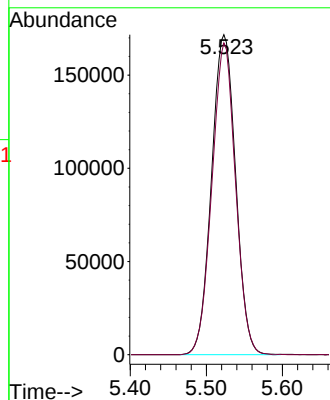
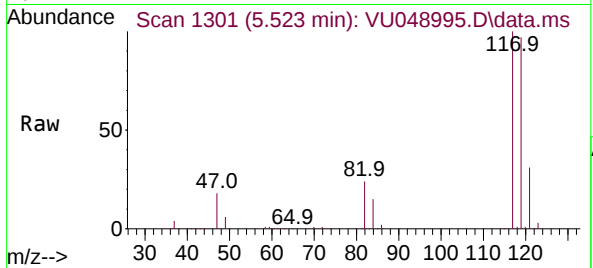




#31
Carbon tetrachloride
Concen: 94.150 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

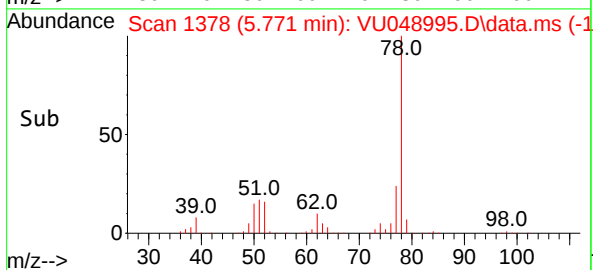
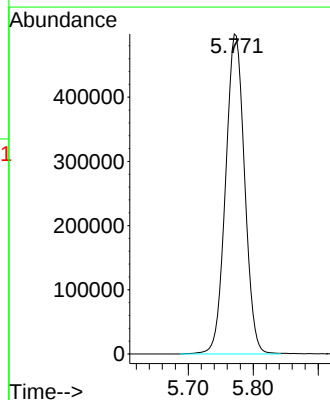
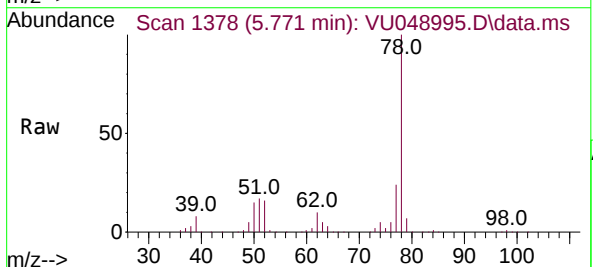
Instrument :
MSVOA_U
ClientSampleId :
VSTD100077

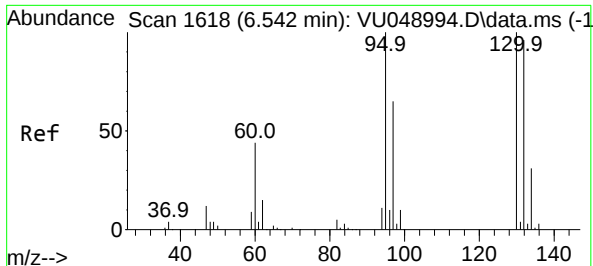
Tgt Ion:117 Resp: 377777
Ion Ratio Lower Upper
117 100
119 95.3 76.5 114.7



#33
Benzene
Concen: 113.434 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

Tgt Ion: 78 Resp: 1012161

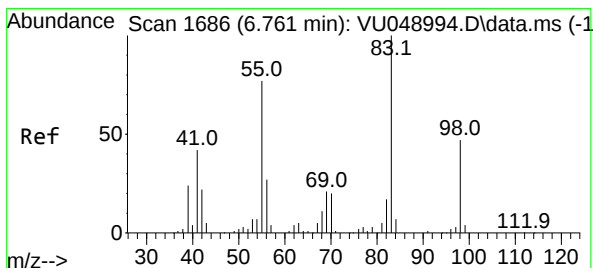
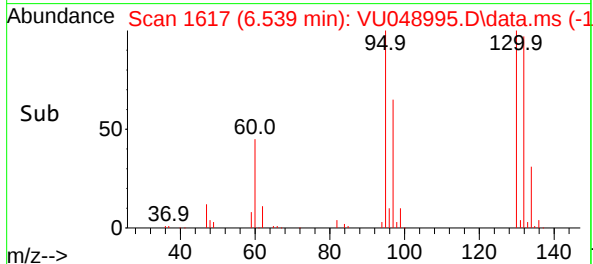
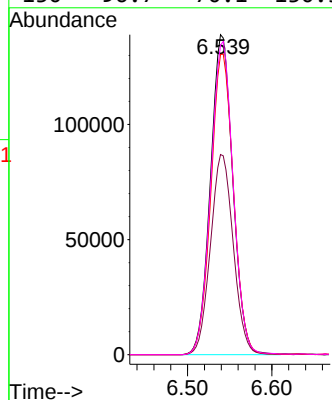
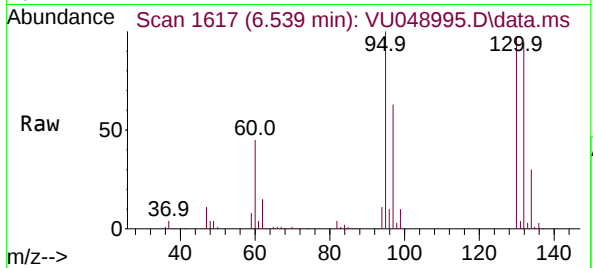




#34
Trichloroethene
Concen: 104.265 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

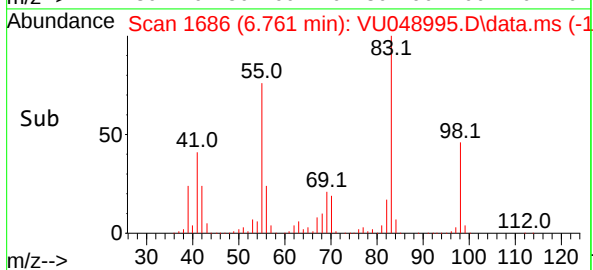
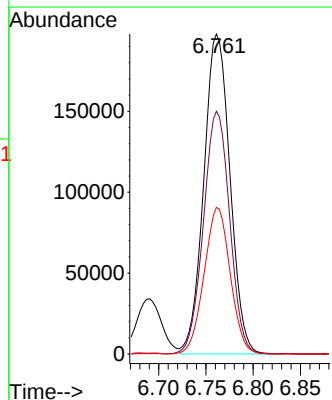
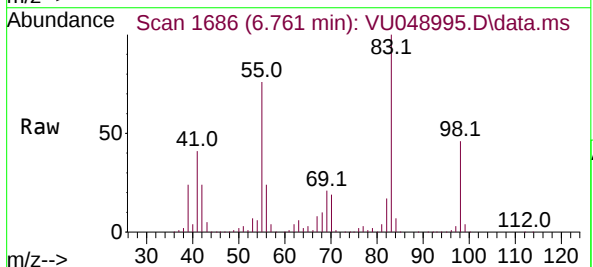
Instrument :
MSVOA_U
ClientSampleId :
VSTD100077

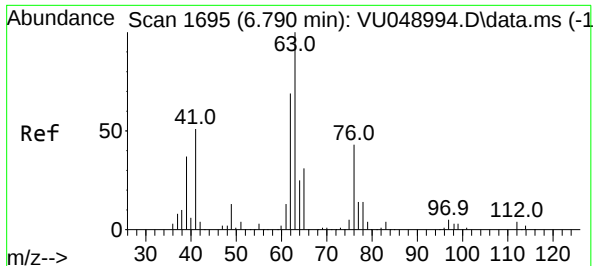
Tgt Ion: 95 Resp: 256561
Ion Ratio Lower Upper
95 100
97 62.5 45.4 84.4
132 93.8 67.6 125.6
130 96.7 70.1 130.3



#35
Methylcyclohexane
Concen: 108.386 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

Tgt Ion: 83 Resp: 381355
Ion Ratio Lower Upper
83 100
55 75.9 61.0 91.6
98 45.7 36.8 55.2





#37

1,2-Dichloropropane

Concen: 124.122 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

Instrument :

MSVOA_U

ClientSampleId :

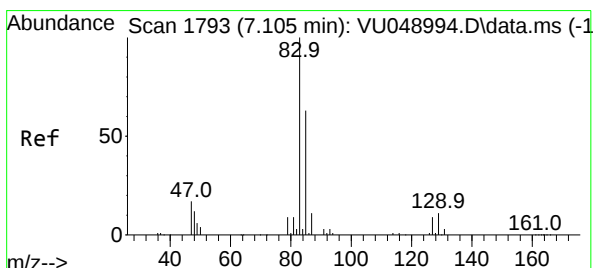
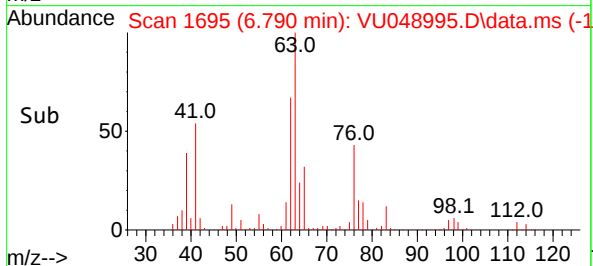
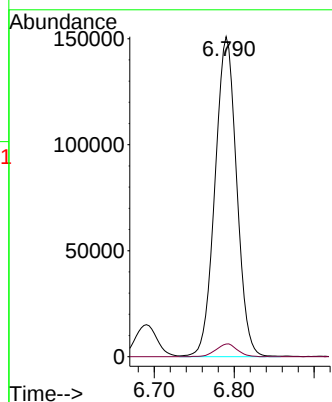
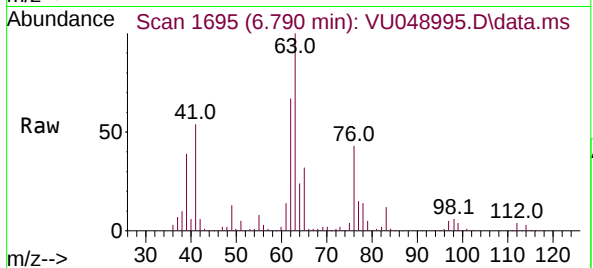
VSTD100077

Tgt Ion: 63 Resp: 283603

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 107.499 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

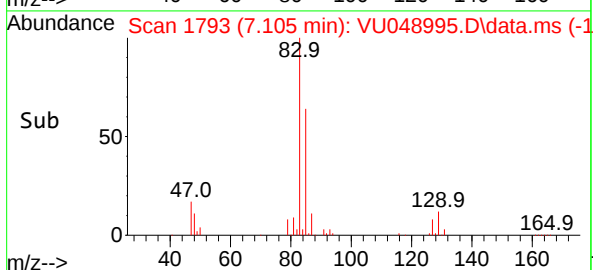
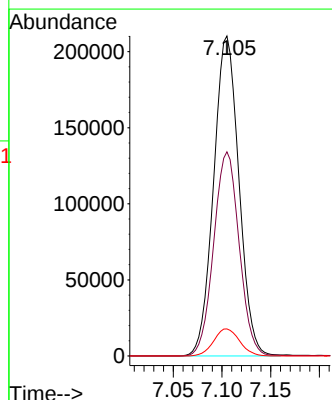
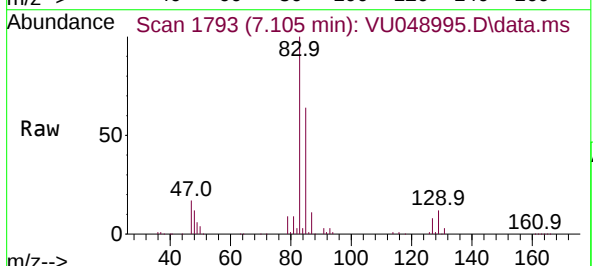
Tgt Ion: 83 Resp: 379970

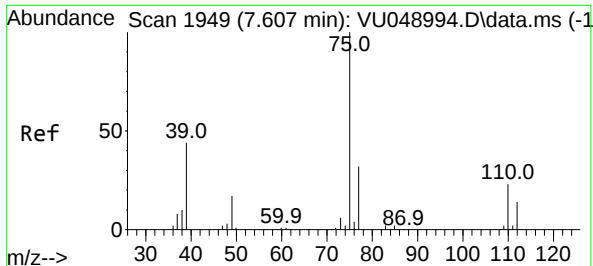
Ion Ratio Lower Upper

83 100

85 63.8 44.0 81.6

127 8.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 118.193 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

Instrument :

MSVOA_U

ClientSampleId :

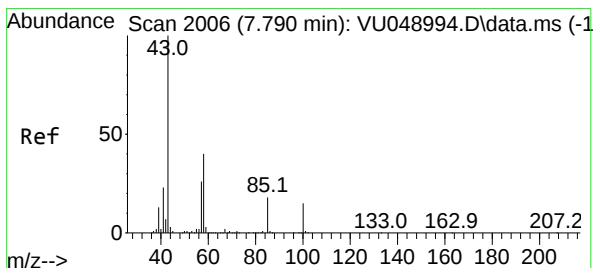
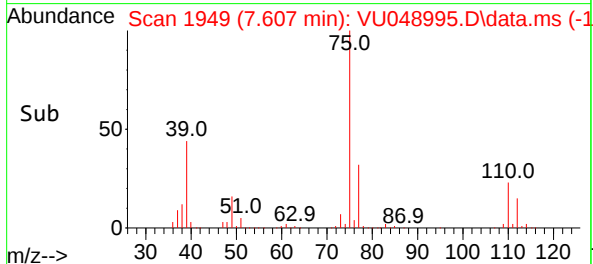
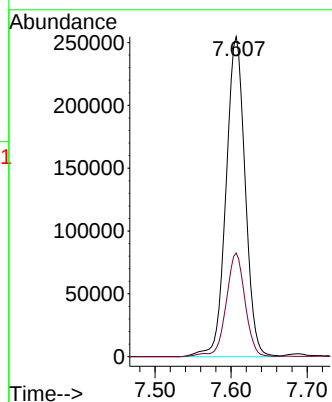
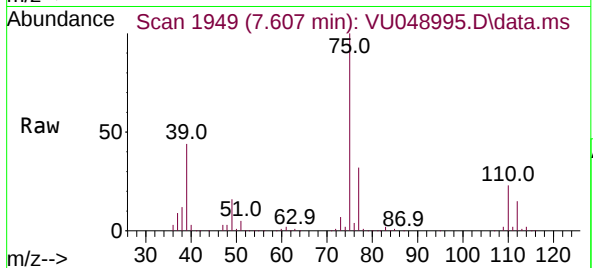
VSTD100077

Tgt Ion: 75 Resp: 444667

Ion Ratio Lower Upper

75 100

77 32.4 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 289.758 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

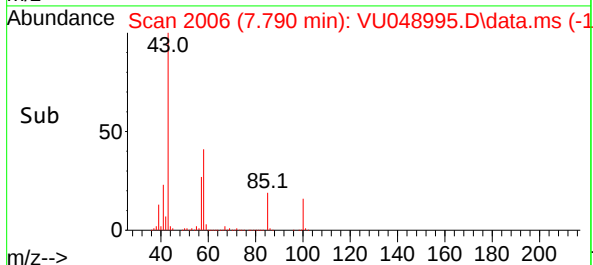
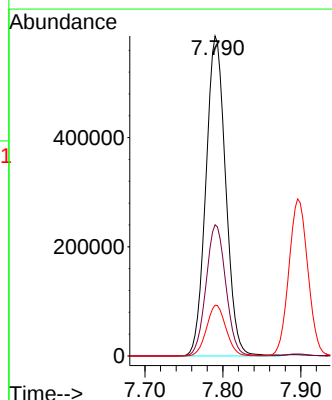
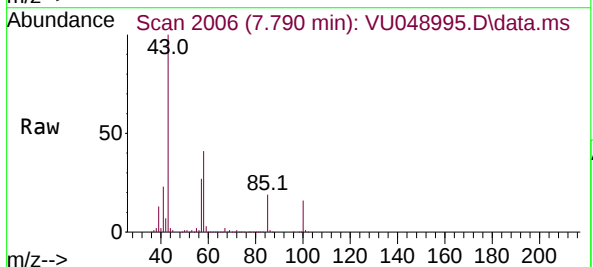
Tgt Ion: 43 Resp: 1033444

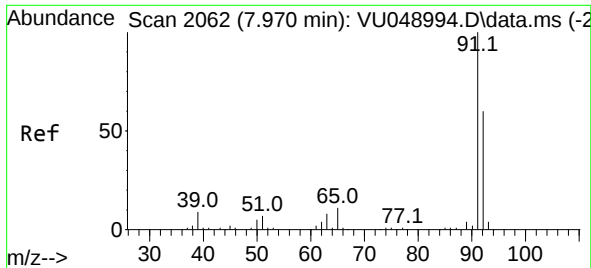
Ion Ratio Lower Upper

43 100

58 41.1 32.2 48.4

100 15.6 12.3 18.5





#42

Toluene

Concen: 112.992 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

Instrument :

MSVOA_U

ClientSampleId :

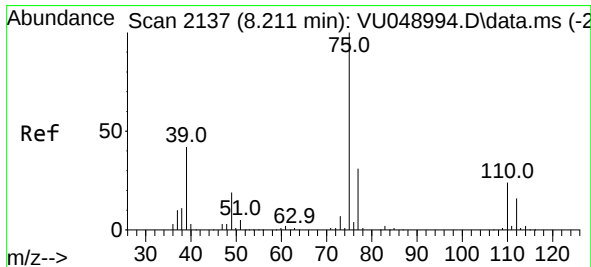
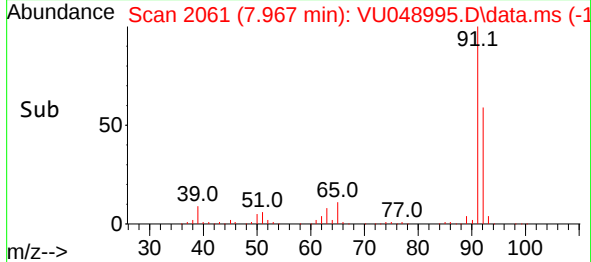
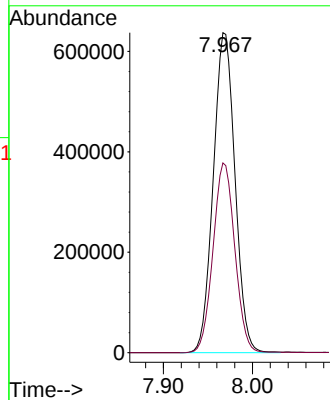
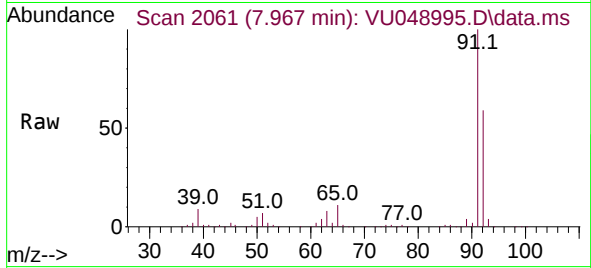
VSTD100077

Tgt Ion: 91 Resp: 1079221

Ion Ratio Lower Upper

91 100

92 59.3 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 113.809 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048995.D

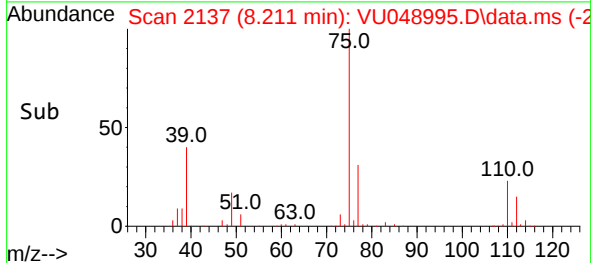
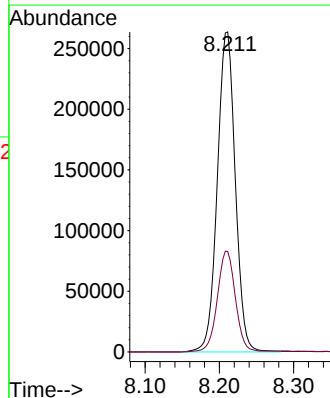
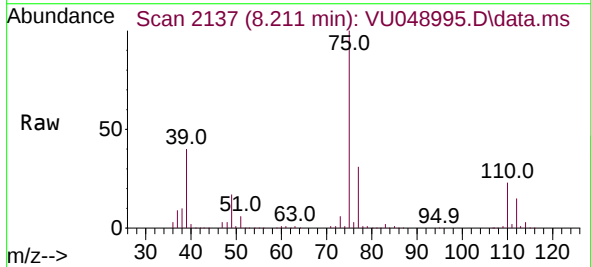
Acq: 10 Jun 2022 13:55

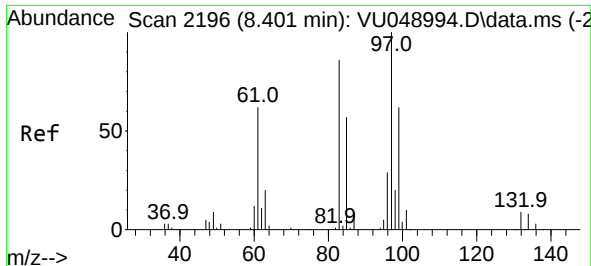
Tgt Ion: 75 Resp: 443515

Ion Ratio Lower Upper

75 100

77 31.4 21.9 40.7



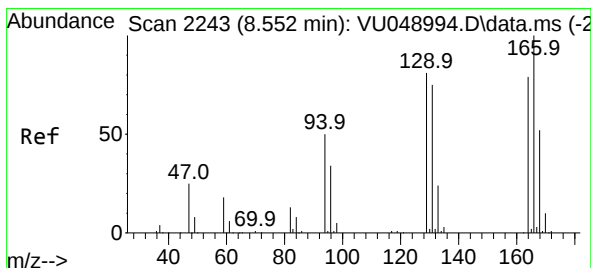
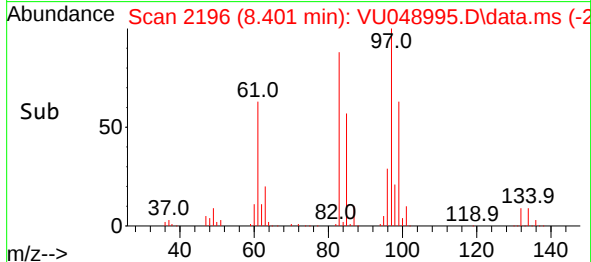
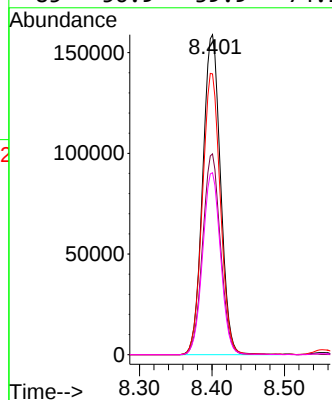
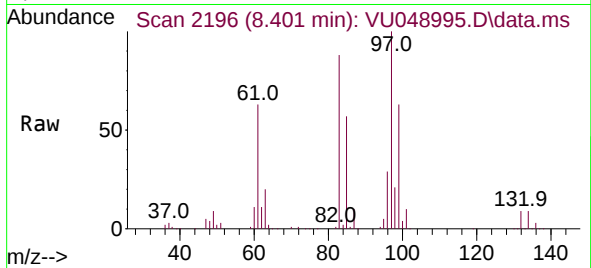


#45
1,1,2-Trichloroethane
Concen: 113.710 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD100077

Tgt Ion: 97 Resp: 270989

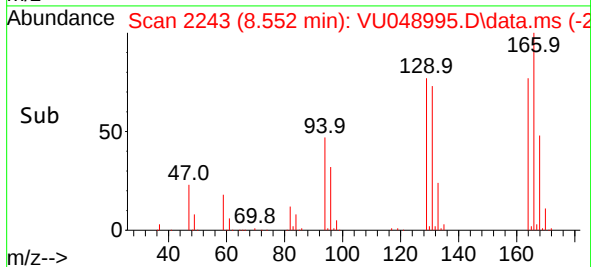
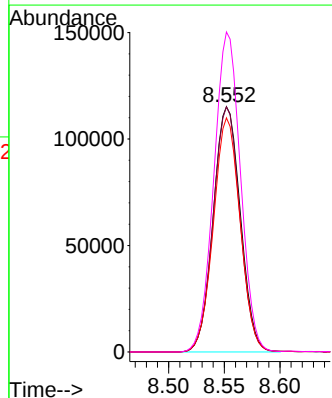
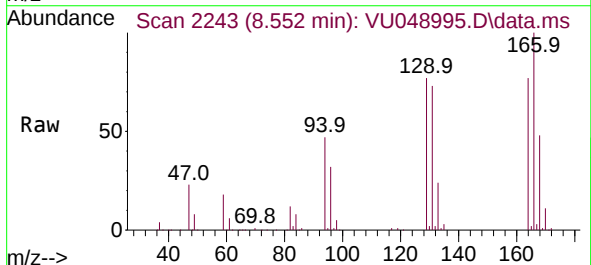
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.5	80.9
83	87.8	60.3	112.1
85	56.9	39.9	74.1

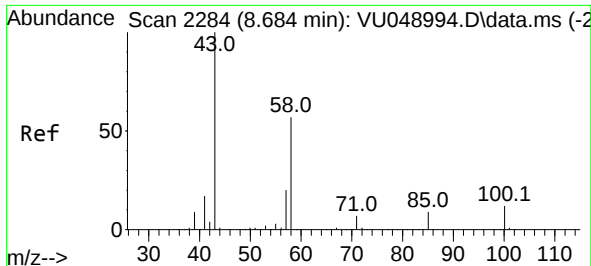


#46
Tetrachloroethene
Concen: 99.701 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

Tgt Ion: 164 Resp: 195483

Ion	Ratio	Lower	Upper
164	100		
129	99.9	70.9	131.7
131	95.4	66.2	123.0
166	130.4	88.1	163.5

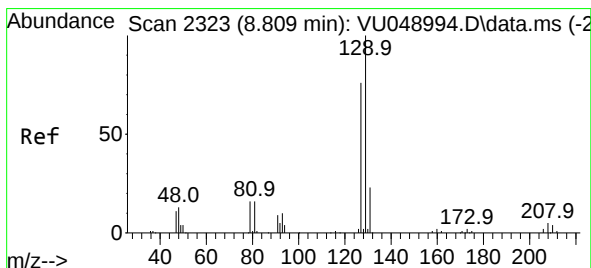
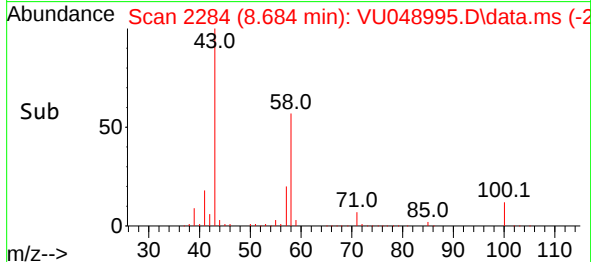
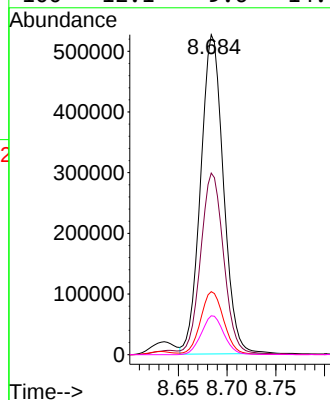
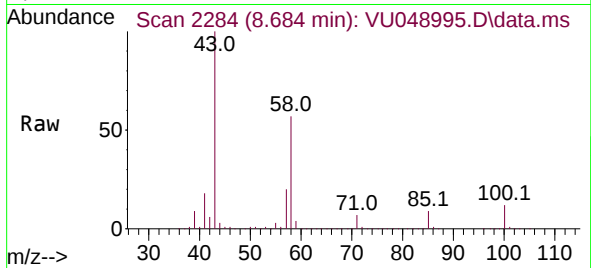




#48
2-Hexanone
Concen: 285.884 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

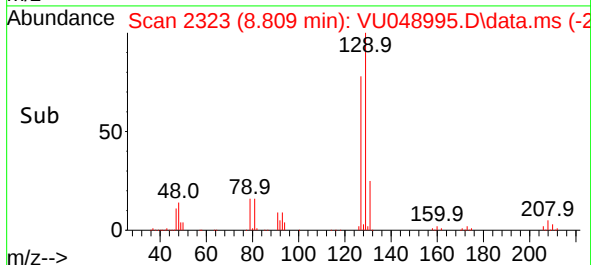
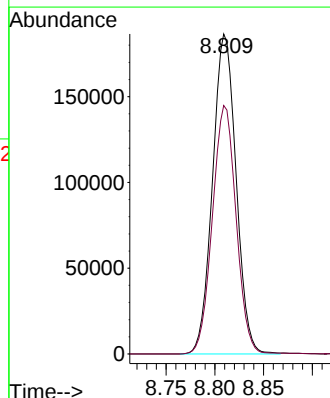
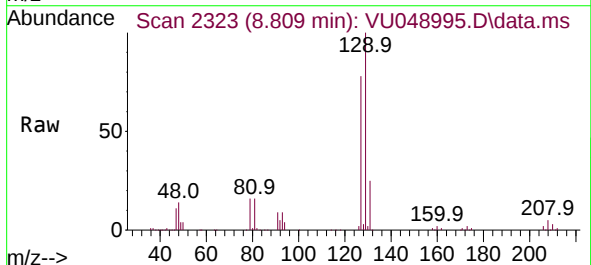
Instrument :
MSVOA_U
ClientSampleId :
VSTD100077

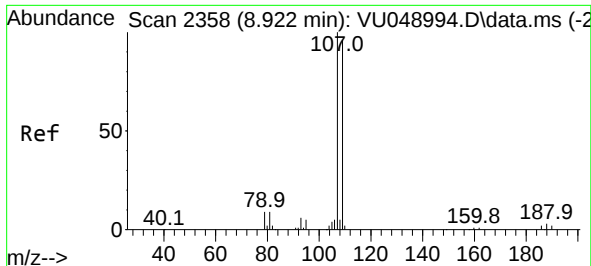
Tgt Ion:	43	Resp:	856491
Ion	Ratio	Lower	Upper
43	100		
58	57.6	45.8	68.8
57	20.1	16.2	24.4
100	12.1	9.6	14.4



#49
Dibromochloromethane
Concen: 105.452 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

Tgt Ion:	129	Resp:	313642
Ion	Ratio	Lower	Upper
129	100		
127	77.7	53.5	99.5





#50

1,2-Dibromoethane

Concen: 108.754 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD100077

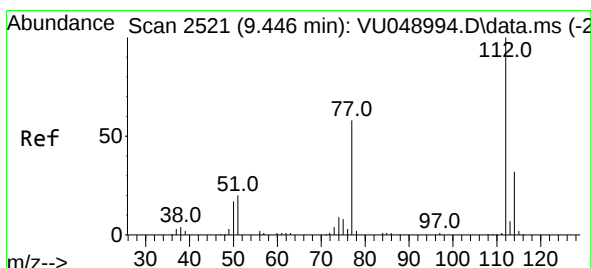
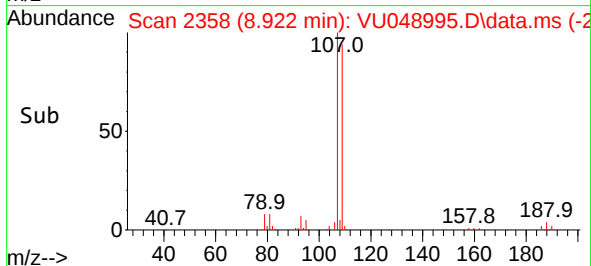
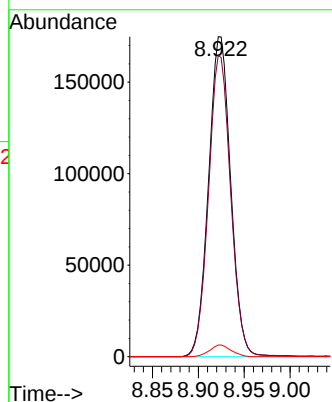
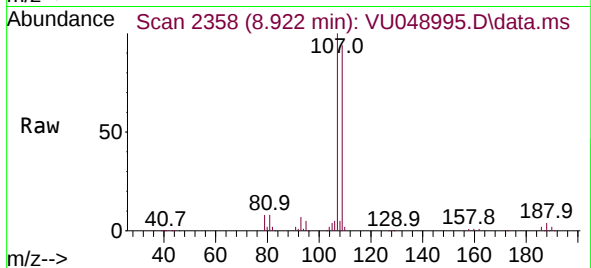
Tgt Ion:107 Resp: 293965

Ion Ratio Lower Upper

107 100

109 94.2 67.2 124.8

188 3.6 2.7 4.1



#51

Chlorobenzene

Concen: 104.759 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

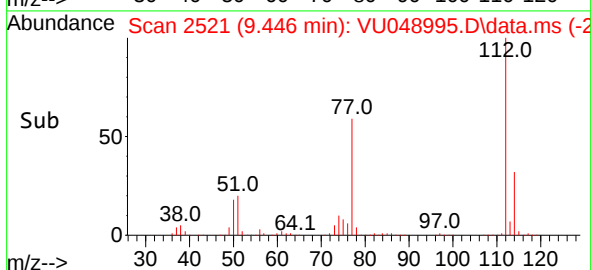
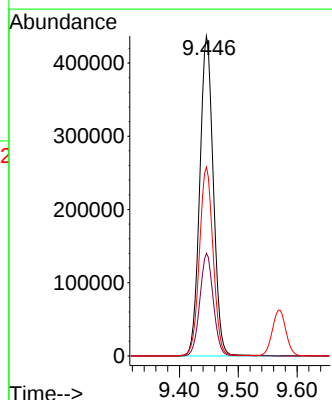
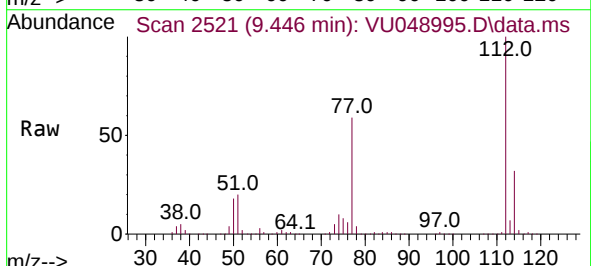
Tgt Ion:112 Resp: 698088

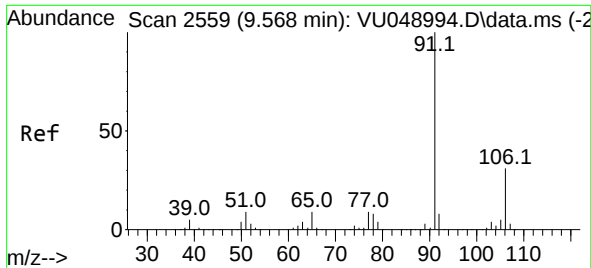
Ion Ratio Lower Upper

112 100

114 32.1 22.3 41.3

77 59.1 47.1 70.7

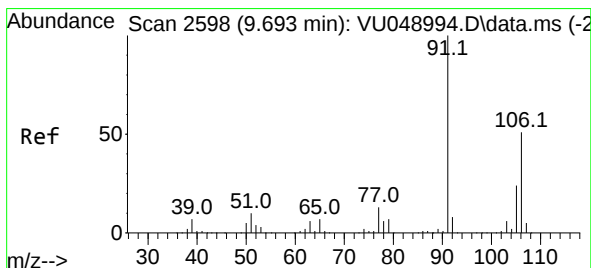
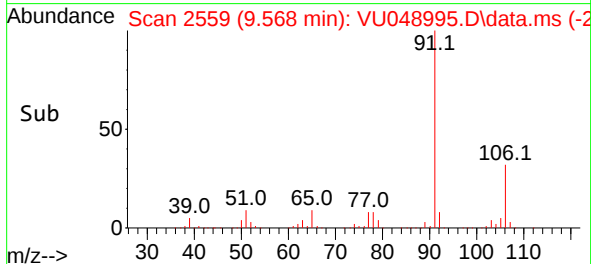
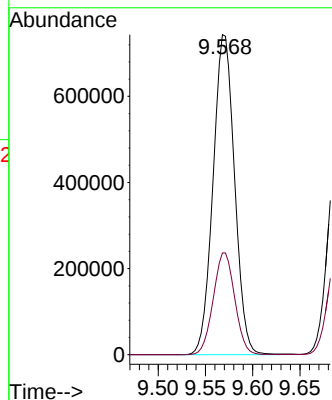
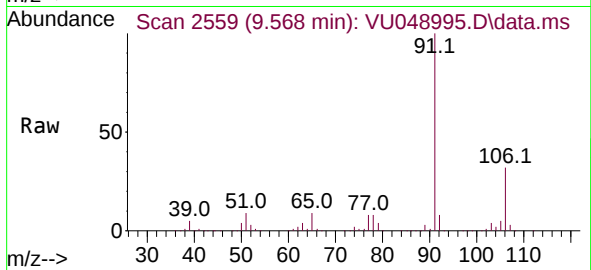




#52
Ethylbenzene
Concen: 107.854 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

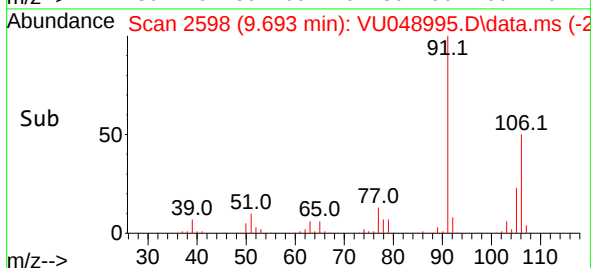
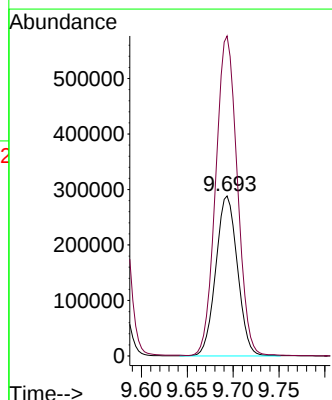
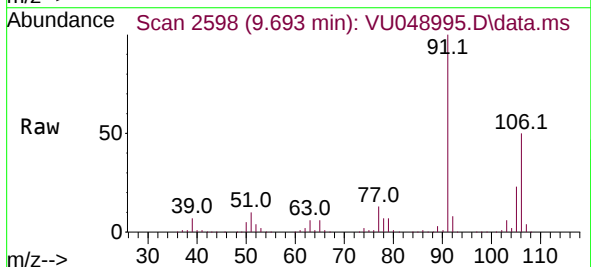
Instrument :
MSVOA_U
ClientSampleId :
VSTD100077

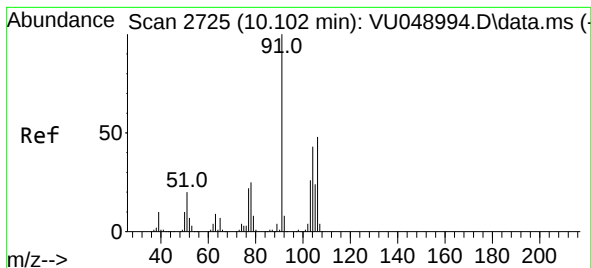
Tgt Ion: 91 Resp: 1175219
Ion Ratio Lower Upper
91 100
106 31.8 21.6 40.2



#53
m,p-Xylene
Concen: 108.652 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

Tgt Ion:106 Resp: 474553
Ion Ratio Lower Upper
106 100
91 200.0 137.4 255.2





#54

o-Xylene

Concen: 112.449 ug/L

RT: 10.098 min Scan# 2724

Delta R.T. -0.003 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

Instrument :

MSVOA_U

ClientSampleId :

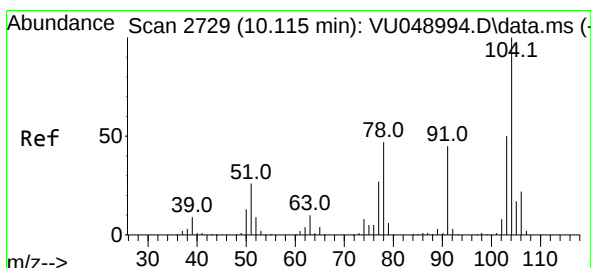
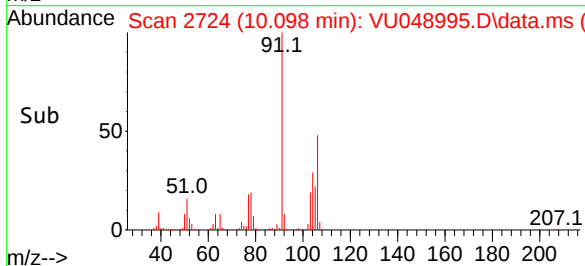
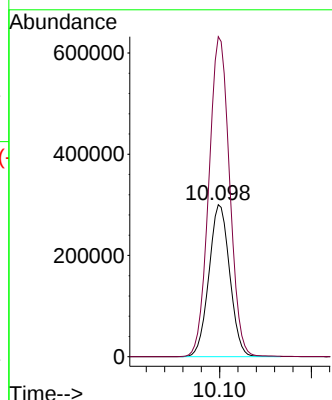
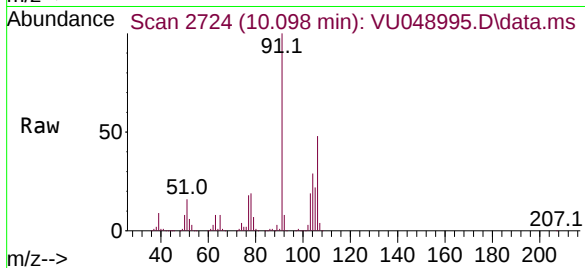
VSTD100077

Tgt Ion:106 Resp: 473110

Ion Ratio Lower Upper

106 100

91 210.4 145.2 269.6



#55

Styrene

Concen: 112.770 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU048995.D

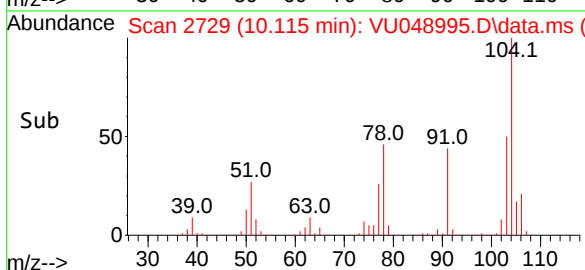
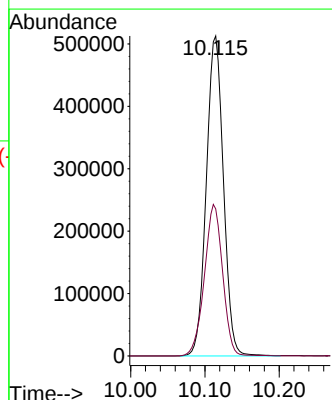
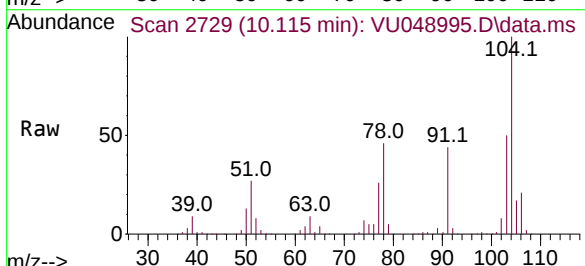
Acq: 10 Jun 2022 13:55

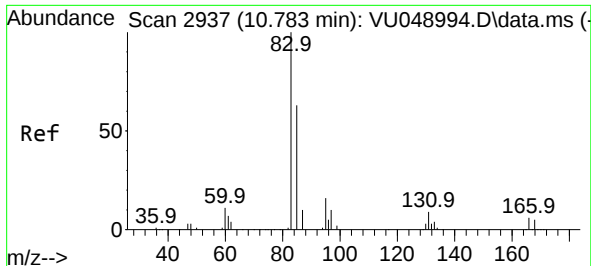
Tgt Ion:104 Resp: 820002

Ion Ratio Lower Upper

104 100

78 46.0 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 127.801 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD100077

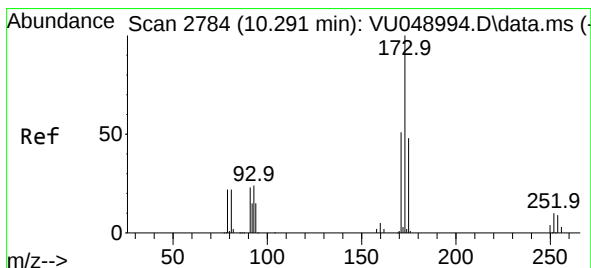
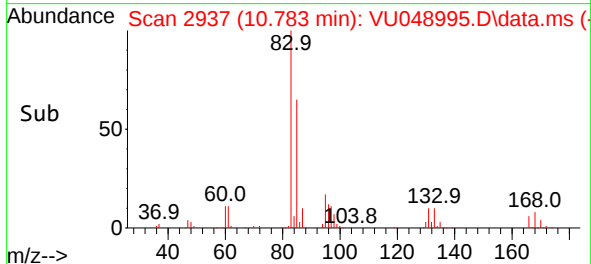
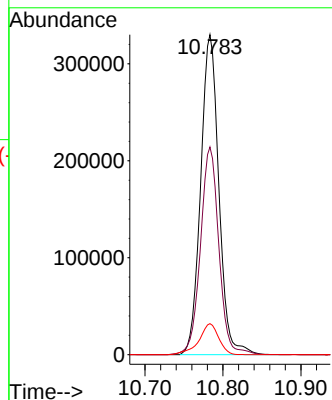
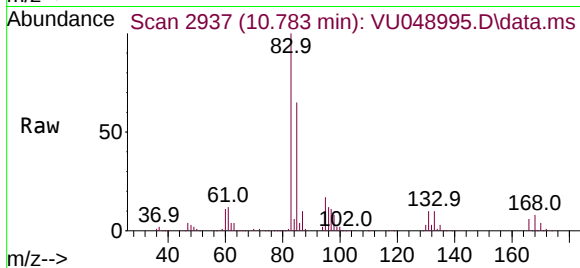
Tgt Ion: 83 Resp: 534908

Ion Ratio Lower Upper

83 100

85 64.9 44.5 82.7

131 9.7 7.6 11.4



#59

Bromoform

Concen: 103.830 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

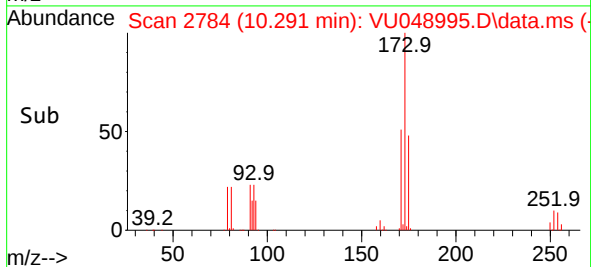
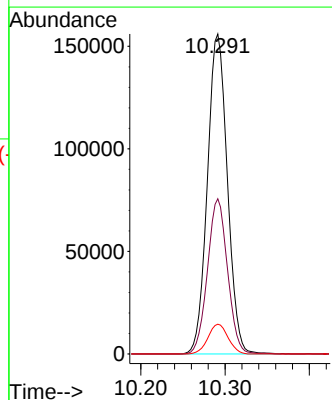
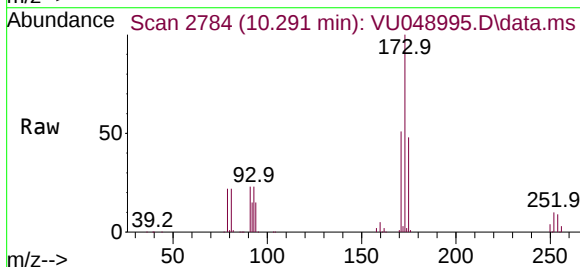
Tgt Ion:173 Resp: 257494

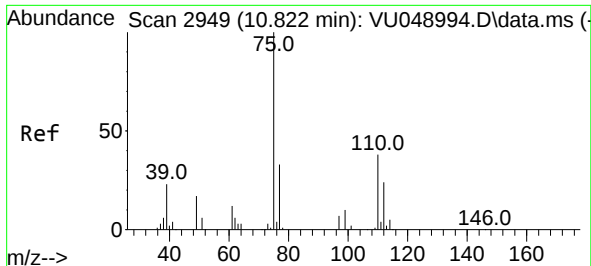
Ion Ratio Lower Upper

173 100

175 48.5 37.8 56.8

254 9.4 7.2 10.8

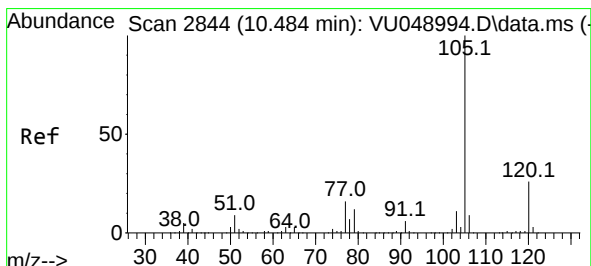
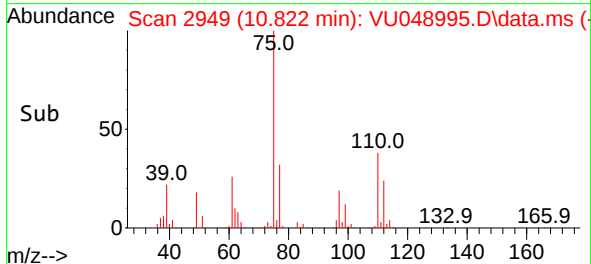
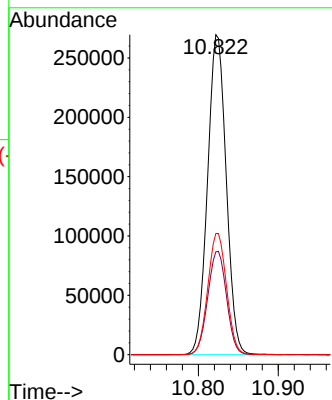
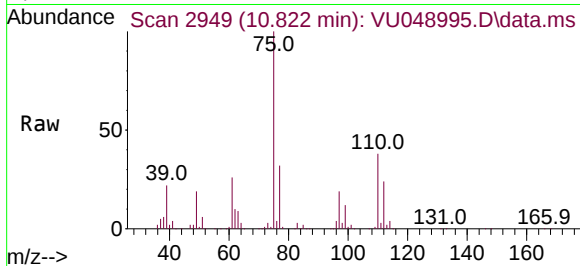




#60
1,2,3-Trichloropropane
Concen: 118.706 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

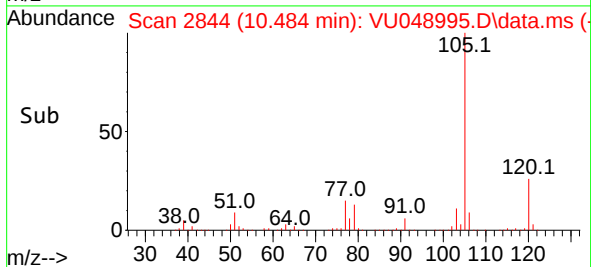
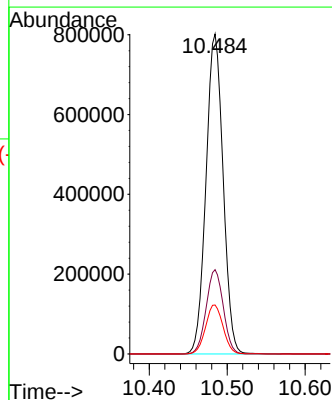
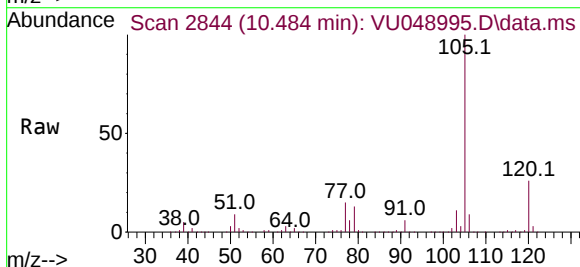
Instrument :
MSVOA_U
ClientSampleId :
VSTD100077

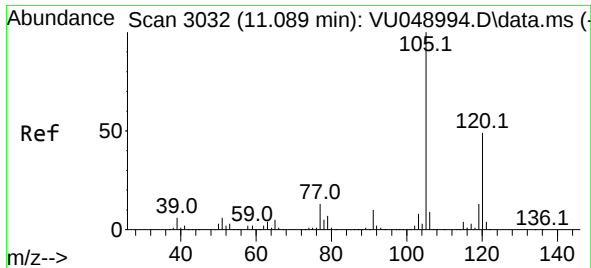
Tgt Ion: 75 Resp: 437880
Ion Ratio Lower Upper
75 100
77 32.6 26.6 40.0
110 38.2 30.2 45.4



#61
Isopropylbenzene
Concen: 108.868 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

Tgt Ion: 105 Resp: 1222116
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 15.7 12.7 19.1

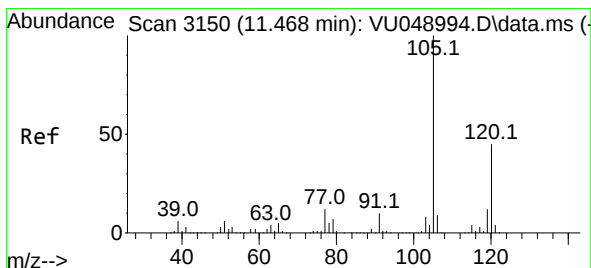
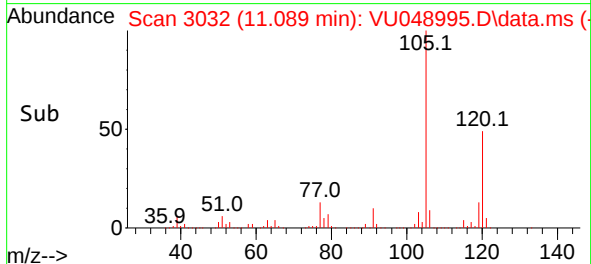
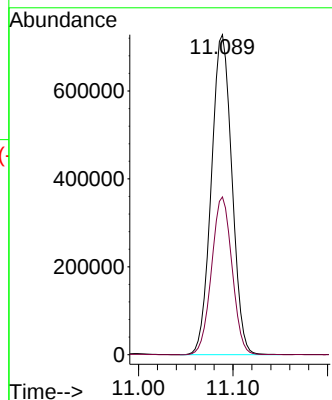
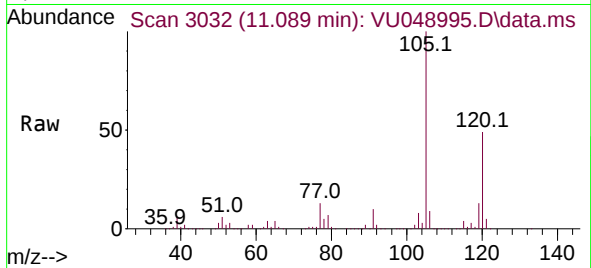




#62
1,3,5-Trimethylbenzene
Concen: 155.296 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

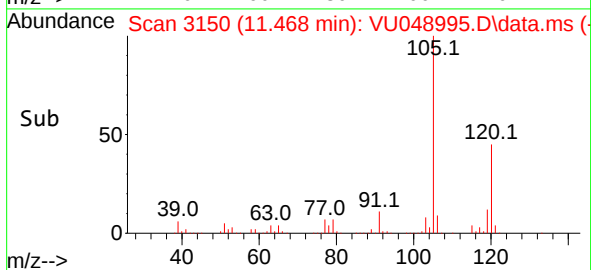
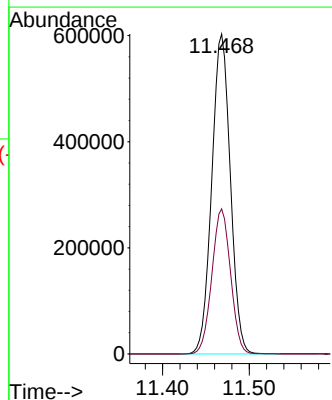
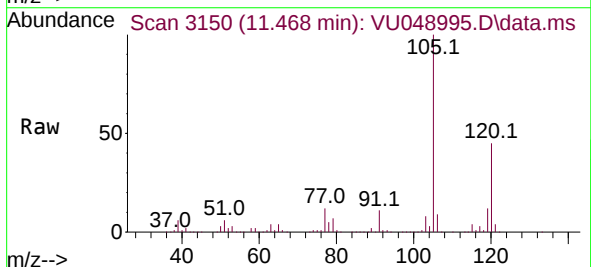
Instrument :
MSVOA_U
ClientSampleId :
VSTD100077

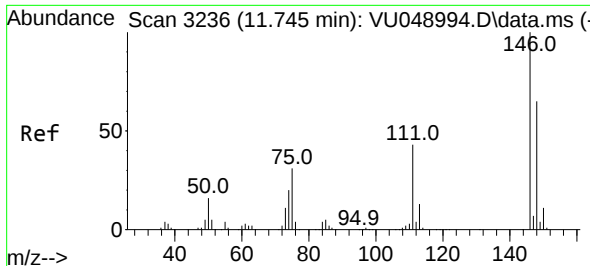
Tgt Ion:105 Resp: 1100620
Ion Ratio Lower Upper
105 100
120 49.0 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 96.213 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

Tgt Ion:105 Resp: 899006
Ion Ratio Lower Upper
105 100
120 45.6 36.3 54.5

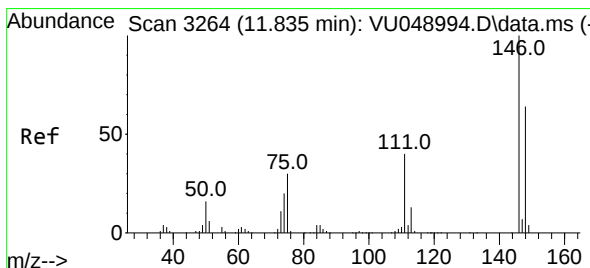
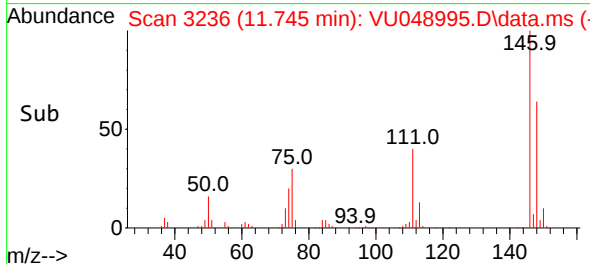
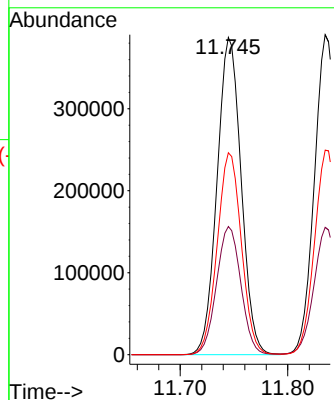
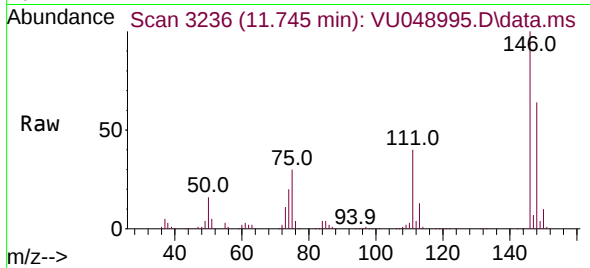




#64
 1,3-Dichlorobenzene
 Concen: 105.999 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU048995.D
 Acq: 10 Jun 2022 13:55

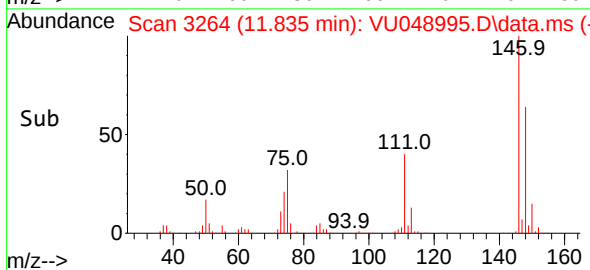
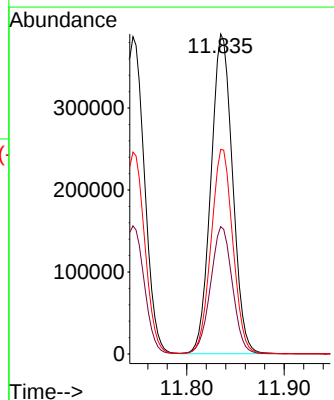
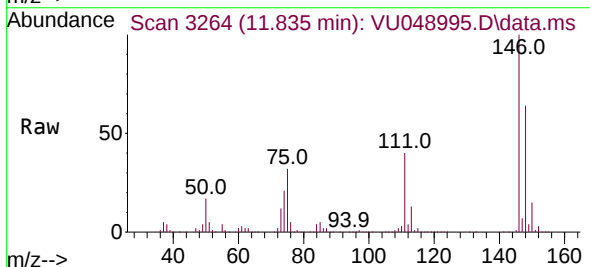
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100077

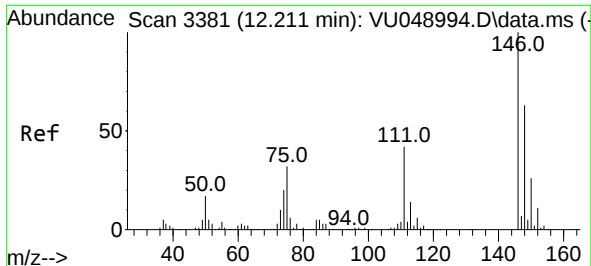
Tgt Ion:146 Resp: 603030
 Ion Ratio Lower Upper
 146 100
 111 40.4 29.8 55.3
 148 63.6 45.8 85.0



#65
 1,4-Dichlorobenzene
 Concen: 102.270 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU048995.D
 Acq: 10 Jun 2022 13:55

Tgt Ion:146 Resp: 603285
 Ion Ratio Lower Upper
 146 100
 111 39.8 28.1 52.1
 148 63.9 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 107.794 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD100077

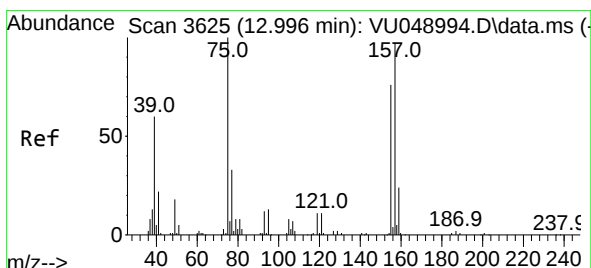
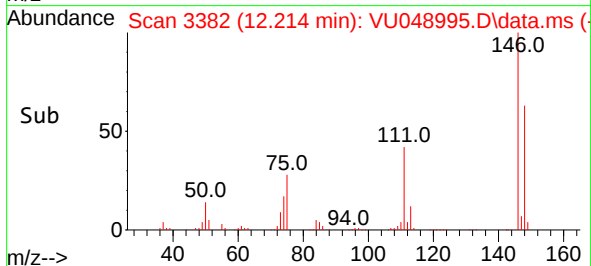
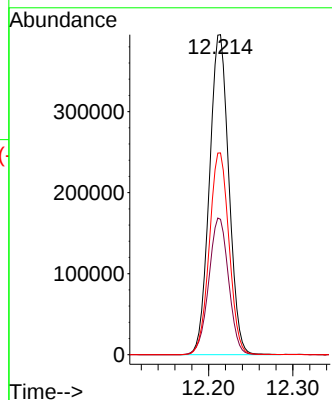
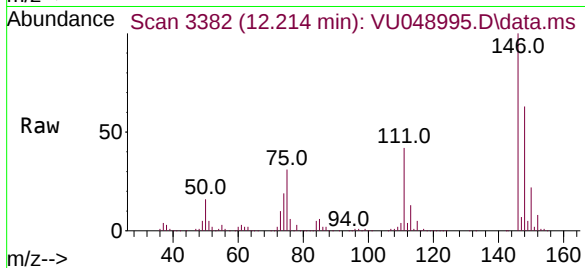
Tgt Ion:146 Resp: 632426

Ion Ratio Lower Upper

146 100

111 42.3 33.9 50.9

148 63.0 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 106.194 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU048995.D

Acq: 10 Jun 2022 13:55

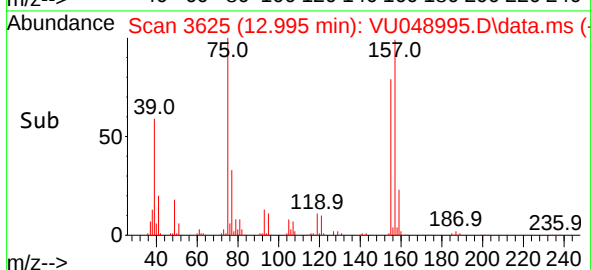
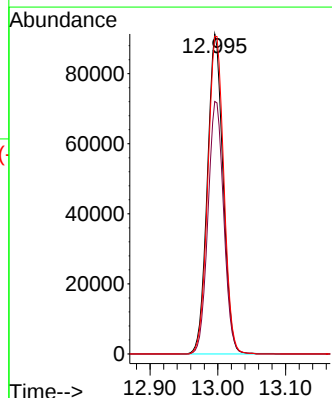
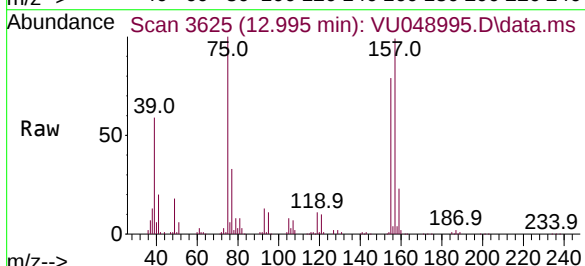
Tgt Ion: 75 Resp: 147362

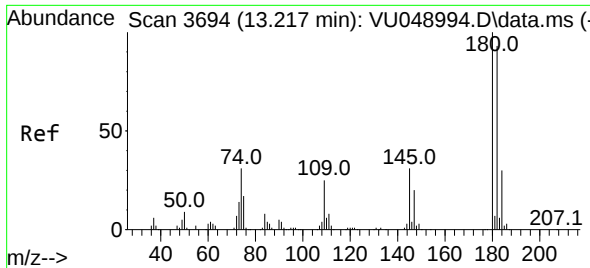
Ion Ratio Lower Upper

75 100

155 78.9 61.0 91.6

157 99.3 77.6 116.4



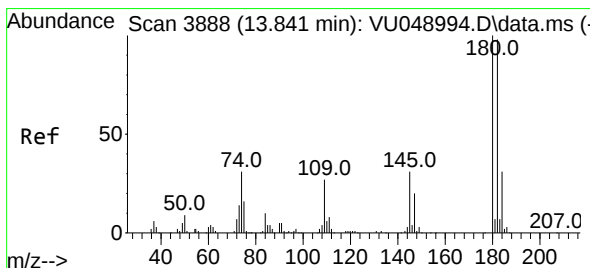
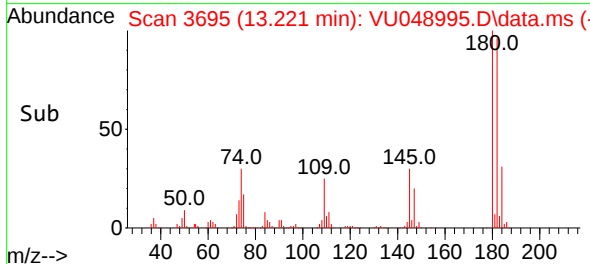
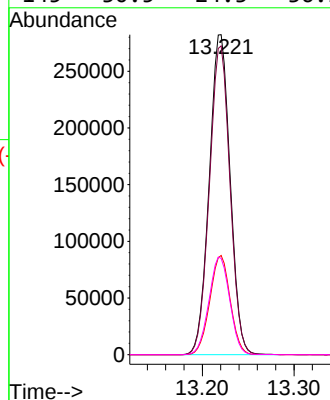
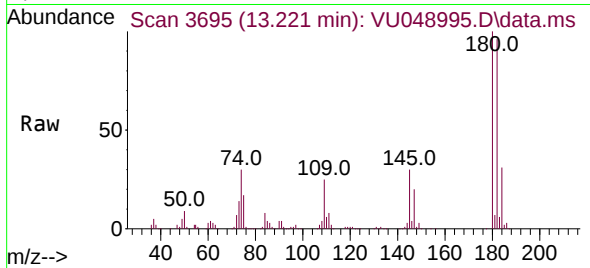


#69
1,3,5-Trichlorobenzene
Concen: 100.102 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.003 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD100077

Tgt Ion:180 Resp: 446211

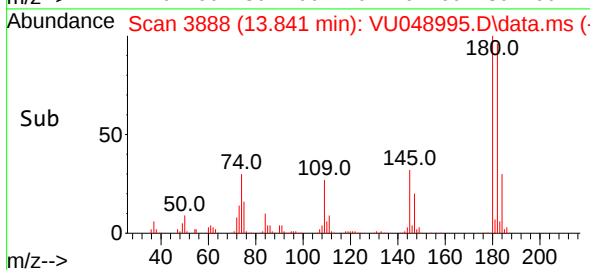
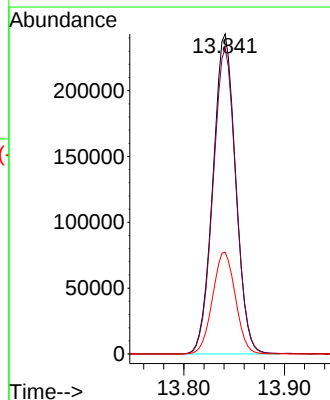
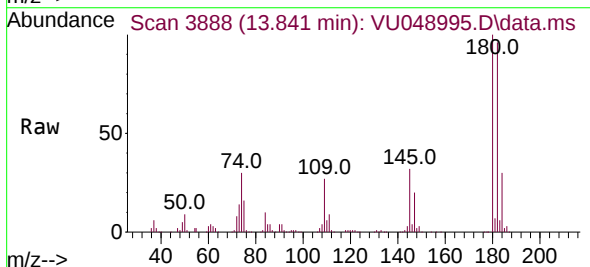
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
184	30.4	24.5	36.7
145	30.5	24.3	36.5

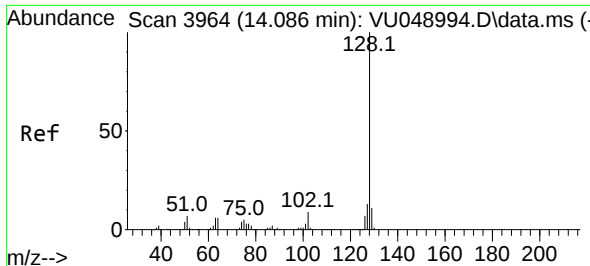


#70
1,2,4-trichlorobenzene
Concen: 96.044 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

Tgt Ion:180 Resp: 382541

Ion	Ratio	Lower	Upper
180	100		
182	96.3	78.2	117.2
145	31.9	25.0	37.4

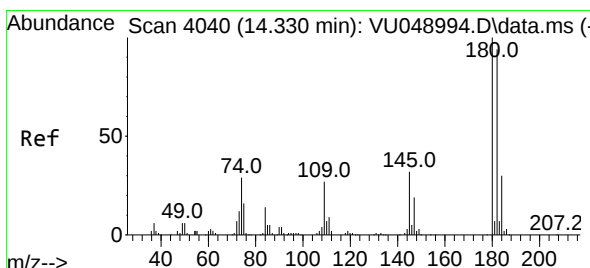
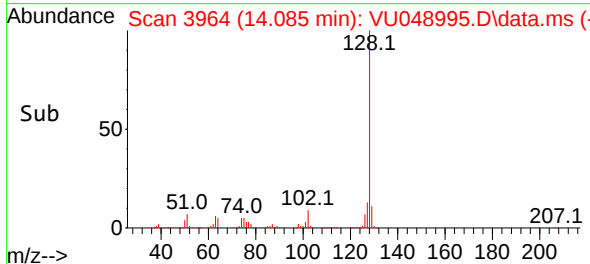
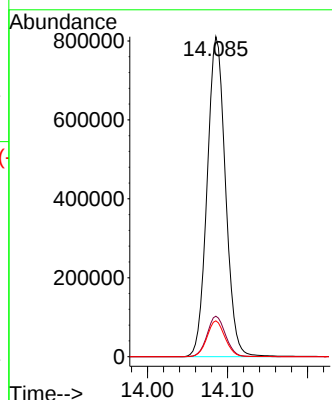
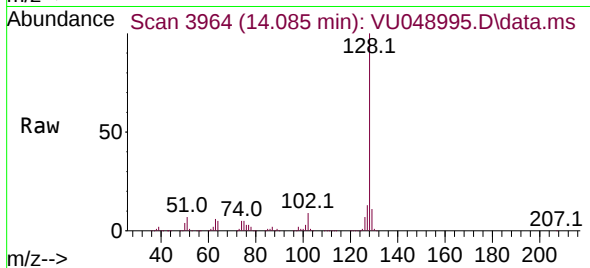




#71
Naphthalene
Concen: 97.053 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD100077

Tgt Ion:128 Resp: 1291380
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 95.567 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048995.D
Acq: 10 Jun 2022 13:55

Tgt Ion:180 Resp: 386435
Ion Ratio Lower Upper
180 100
182 95.4 77.3 115.9
145 32.9 26.3 39.5

