

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051681.D
 Acq On : 02 Nov 2022 10:01
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005195

Quant Time: Nov 03 01:41:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 02 09:55:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	193395	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	200046	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	105692	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79483	5.457	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.200%
7) Chloroethane-d5	1.909	69	68592	4.515	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.565	65	30695	5.807	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.200%
20) 2-Butanone-d5	4.626	46	183212	34.732	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.460%
24) Chloroform-d	5.063	84	152958	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.700	65	73283	3.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
32) Benzene-d6	5.726	84	299910	4.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.690	67	97268	4.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.896	98	275343	5.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
43) trans-1,3-Dichloroprop...	8.179	79	33983	5.035	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.632	63	156629	38.549	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.100%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	84625	4.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	95826	4.940	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	123935	5.860	ug/L	98
3) Chloromethane	1.523	50	130686	4.902	ug/L	99
5) Vinyl chloride	1.601	62	138969	5.441	ug/L	86
6) Bromomethane	1.855	94	71046	5.867	ug/L	96
8) Chloroethane	1.932	64	83294	5.371	ug/L	98
9) Trichlorofluoromethane	2.138	101	164698	5.875	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	102037	6.191	ug/L	96
12) 1,1-Dichloroethene	2.578	96	93793	5.579	ug/L	94
13) Acetone	2.636	43	151821	56.724	ug/L	98
14) Carbon disulfide	2.790	76	290486	5.360	ug/L	99
15) Methyl Acetate	2.954	43	37065	5.290	ug/L	97
16) Methylene chloride	3.044	84	116058	4.214	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	209796	5.442	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	101345	5.617	ug/L	95
19) 1,1-Dichloroethane	3.867	63	185680	5.579	ug/L	100
21) 2-Butanone	4.707	43	242958	57.966	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	107659	5.392	ug/L	98
23) Bromochloromethane	4.973	128	50483	5.408	ug/L	97
25) Chloroform	5.086	83	195458	5.661	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051681.D
 Acq On : 02 Nov 2022 10:01
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

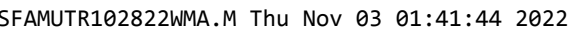
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005195

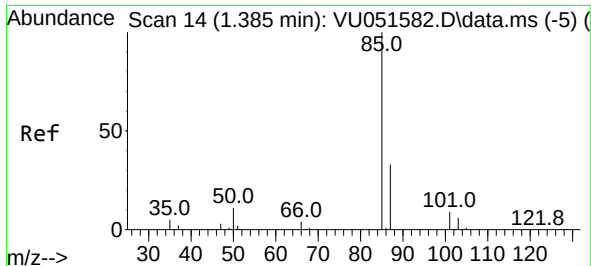
Quant Time: Nov 03 01:41:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 02 09:55:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	114495	5.389	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	155335	5.719	ug/L	99
30) Cyclohexane	5.388	56	141507	5.658	ug/L	100
31) Carbon tetrachloride	5.523	117	132869	5.720	ug/L	99
33) Benzene	5.774	78	434693	5.506	ug/L	100
34) Trichloroethene	6.539	95	105523	5.539	ug/L	99
35) Methylcyclohexane	6.761	83	156863	5.955	ug/L	99
37) 1,2-Dichloropropane	6.790	63	112079	5.520	ug/L	100
38) Bromodichloromethane	7.105	83	137491	5.544	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	139341	5.349	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	578048	56.758	ug/L	100
42) Toluene	7.967	91	460976	5.686	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	121188	5.567	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	82405	5.538	ug/L	100
47) Tetrachloroethene	8.552	164	83527	5.725	ug/L	97
48) 2-Hexanone	8.684	43	433697	57.531	ug/L	99
49) Dibromochloromethane	8.809	129	93821	5.520	ug/L	99
50) 1,2-Dibromoethane	8.922	107	74489	5.549	ug/L	96
51) Chlorobenzene	9.446	112	279469	5.477	ug/L	98
52) Ethylbenzene	9.568	91	434680	5.557	ug/L	99
53) m,p-Xylene	9.694	106	171937	5.659	ug/L	97
54) o-Xylene	10.099	106	166562	5.609	ug/L	100
55) Styrene	10.115	104	294064	5.923	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	105083	5.696	ug/L	100
59) Bromoform	10.288	173	53092	5.437	ug/L	98
60) Isopropylbenzene	10.484	105	432821	5.610	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	72887	5.333	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	109459	5.270	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	318763	5.322	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	212840	5.541	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	207920	5.399	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	199365	5.328	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	15192	5.398	ug/L	92
69) 1,3,5-Trichlorobenzene	13.217	180	148985	5.441	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	112469	5.351	ug/L	97
71) Naphthalene	14.086	128	193243	4.925	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	113315	5.339	ug/L	99

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

Quant Time: Nov 03 01:41:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 02 09:55:58 2022
Response via : Initial Calibration

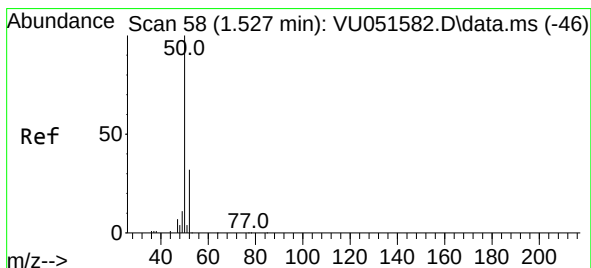
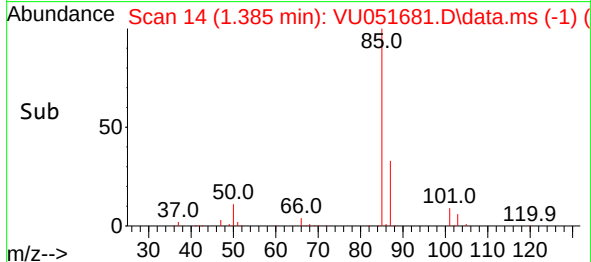
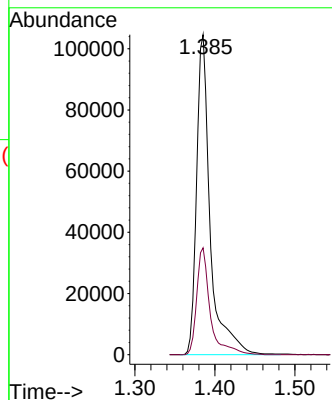
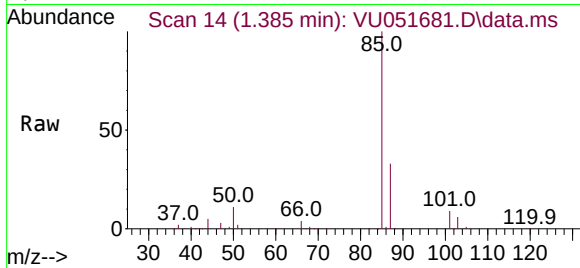




#2
Dichlorodifluoromethane
Concen: 5.860 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

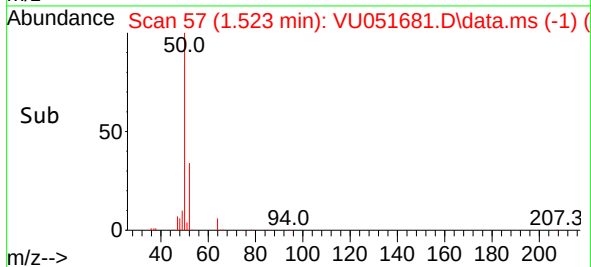
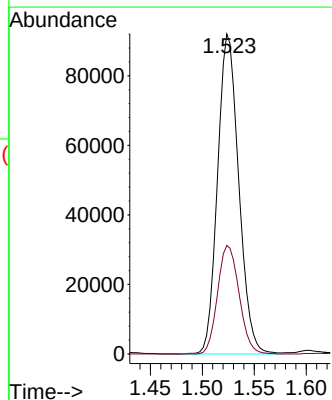
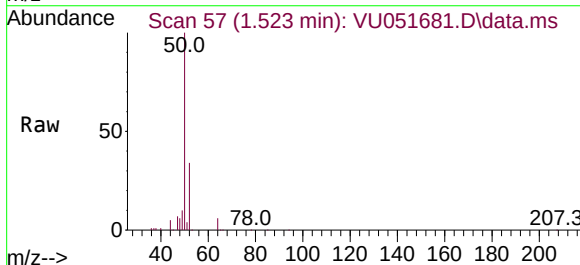
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

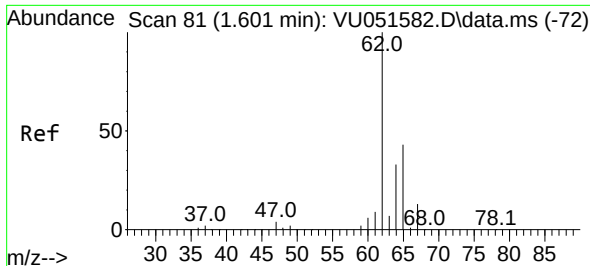
Tgt Ion: 85 Resp: 123935
Ion Ratio Lower Upper
85 100
87 33.2 25.7 38.5



#3
Chloromethane
Concen: 4.902 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

Tgt Ion: 50 Resp: 130686
Ion Ratio Lower Upper
50 100
52 33.9 23.2 43.2

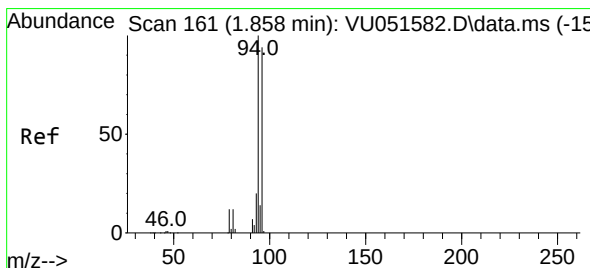
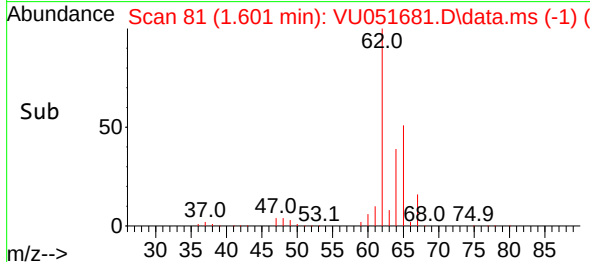
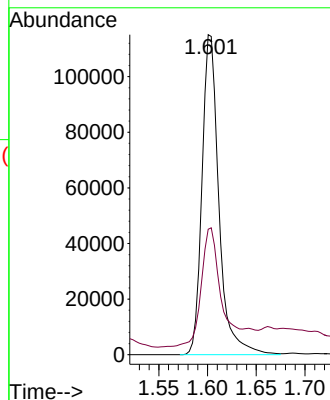
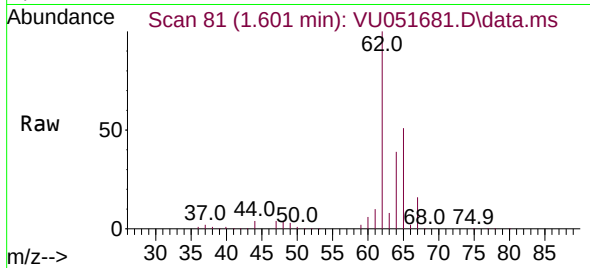




#5
 Vinyl chloride
 Concen: 5.441 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051681.D
 Acq: 02 Nov 2022 10:01

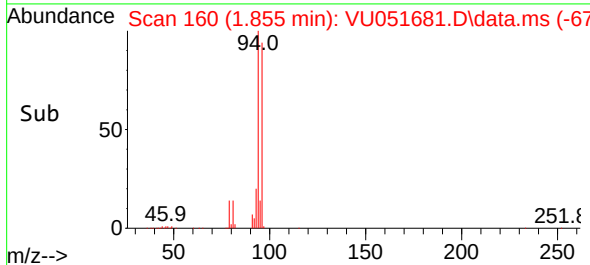
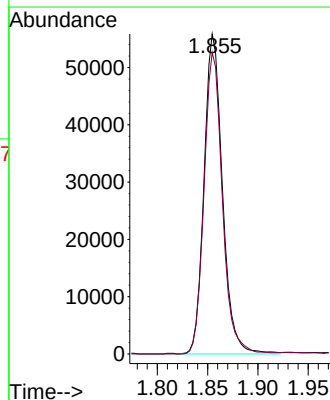
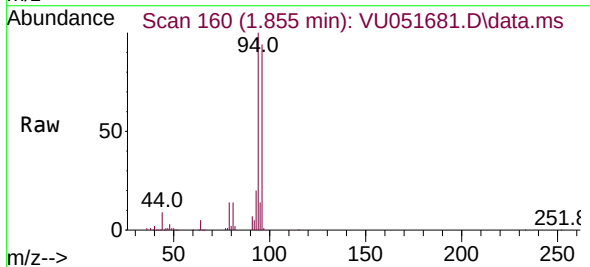
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005195

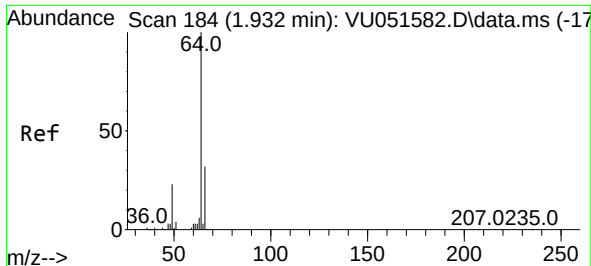
Tgt Ion: 62 Resp: 138969
 Ion Ratio Lower Upper
 62 100
 64 39.2 22.1 41.1



#6
 Bromomethane
 Concen: 5.867 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VU051681.D
 Acq: 02 Nov 2022 10:01

Tgt Ion: 94 Resp: 71046
 Ion Ratio Lower Upper
 94 100
 96 94.3 63.2 117.4

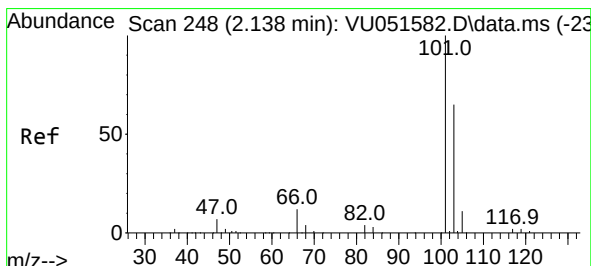
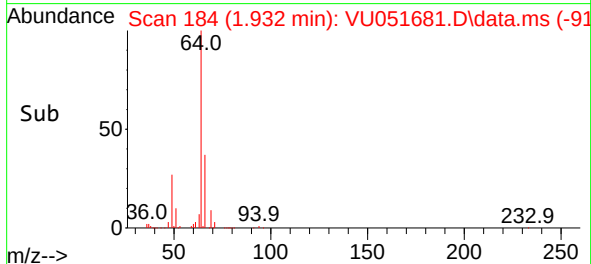
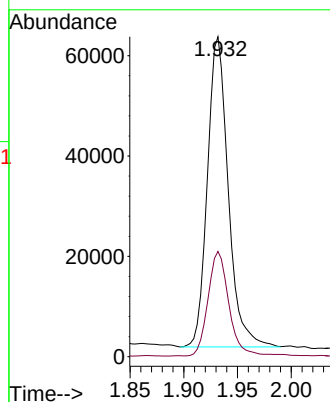
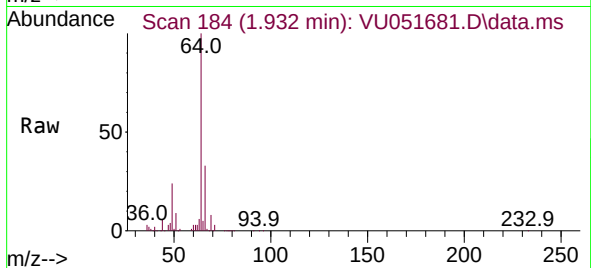




#8
Chloroethane
Concen: 5.371 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

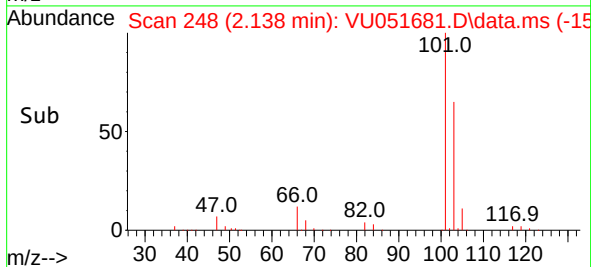
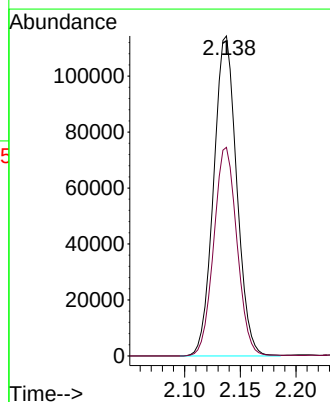
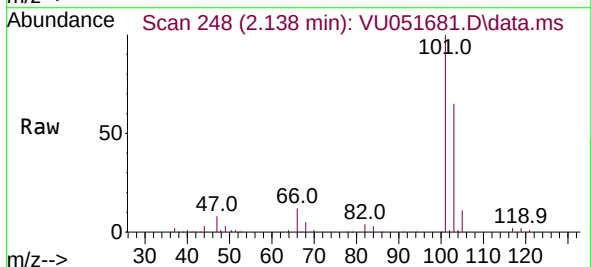
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

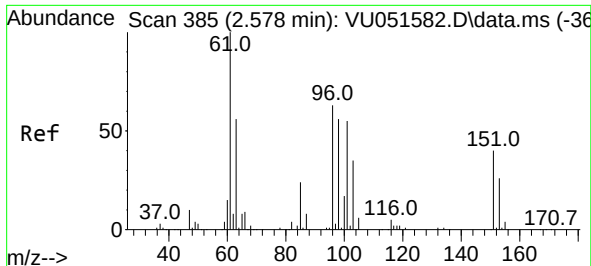
Tgt Ion: 64 Resp: 83294
Ion Ratio Lower Upper
64 100
66 32.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.875 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

Tgt Ion:101 Resp: 164698
Ion Ratio Lower Upper
101 100
103 65.6 51.8 77.6





#10

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

Concen: 6.191 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU051681.D

Acq: 02 Nov 2022 10:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD005195

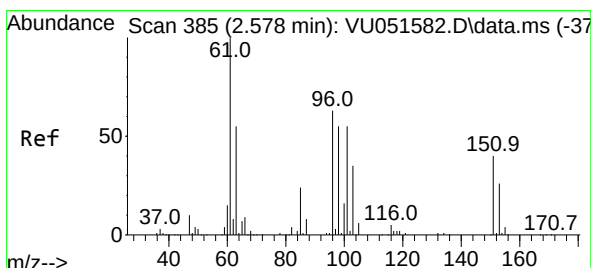
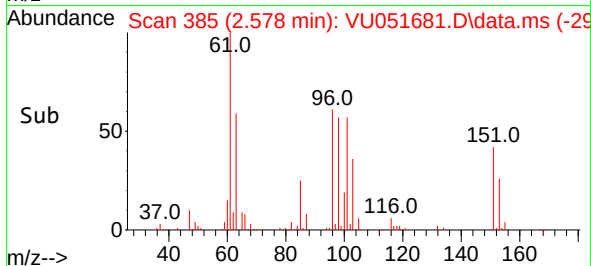
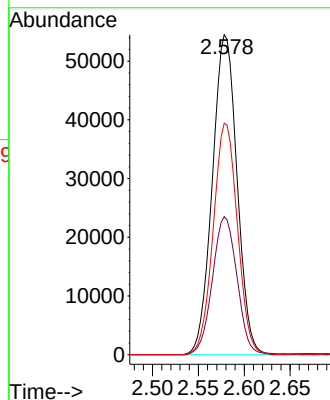
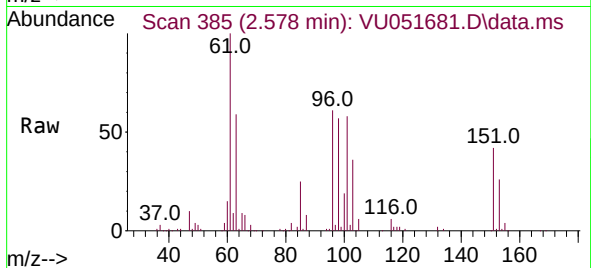
Tgt Ion:101 Resp: 102037

Ion Ratio Lower Upper

101 100

85 42.8 35.6 53.4

151 70.9 59.6 89.4



#12

1,1-Dichloroethene

Concen: 5.579 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU051681.D

Acq: 02 Nov 2022 10:01

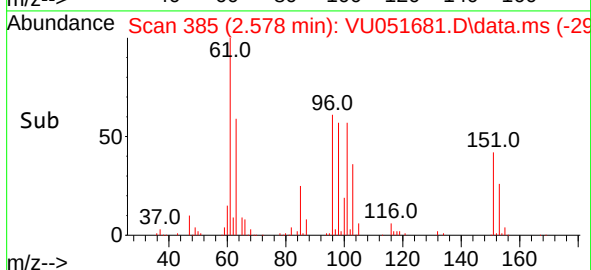
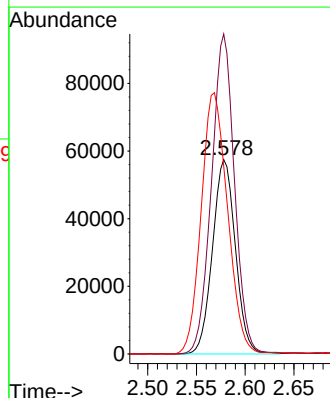
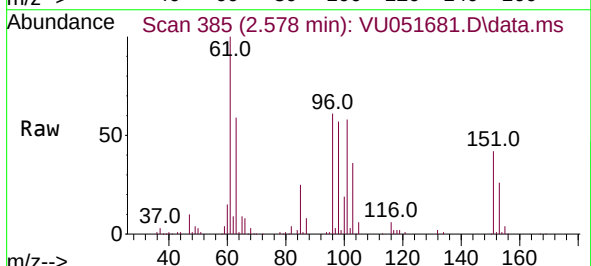
Tgt Ion: 96 Resp: 93793

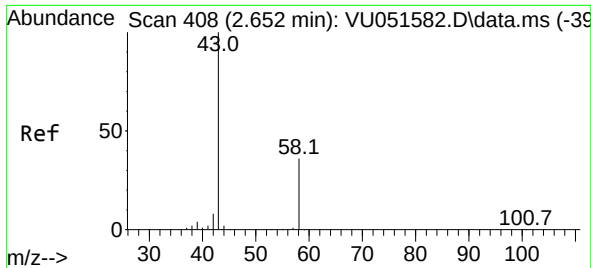
Ion Ratio Lower Upper

96 100

61 164.7 108.8 202.0

63 96.6 64.9 120.5





#13

Acetone

Concen: 56.724 ug/L

RT: 2.636 min Scan# 403

Delta R.T. -0.006 min

Lab File: VU051681.D

Acq: 02 Nov 2022 10:01

Instrument :

MSVOA_U

ClientSampleId :

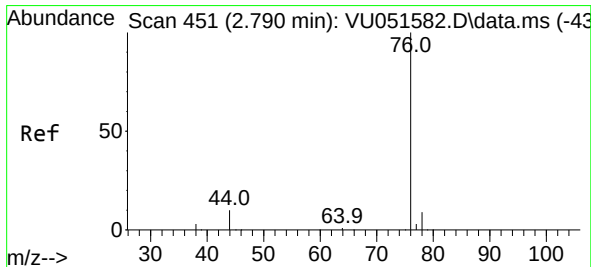
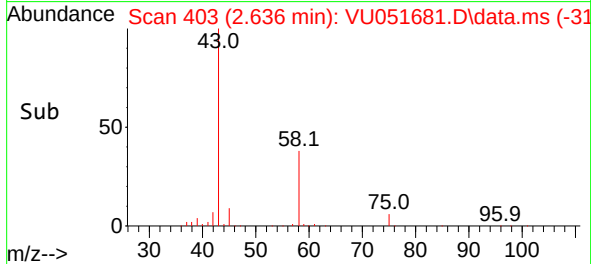
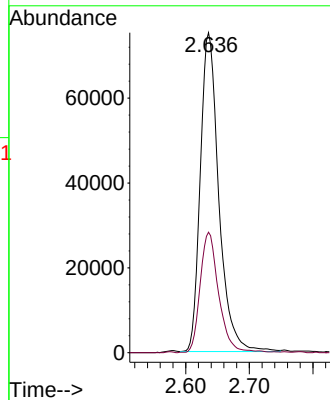
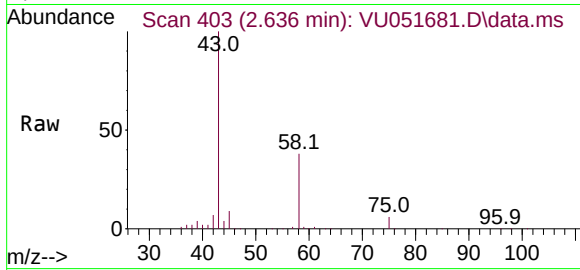
VSTD005195

Tgt Ion: 43 Resp: 151821

Ion Ratio Lower Upper

43 100

58 37.9 0.0 73.8



#14

Carbon disulfide

Concen: 5.360 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051681.D

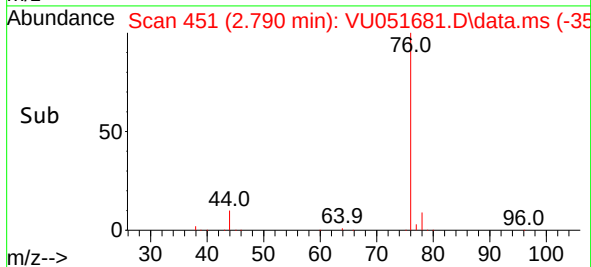
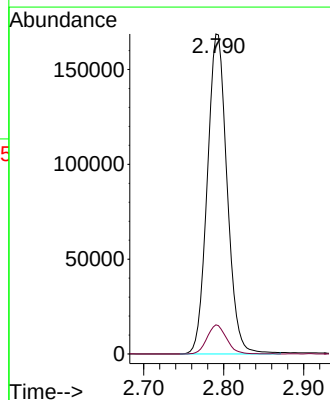
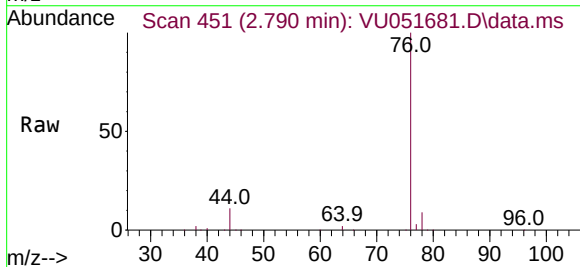
Acq: 02 Nov 2022 10:01

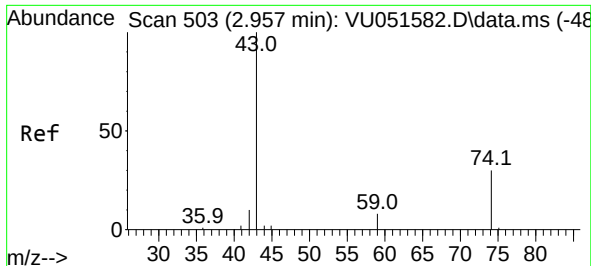
Tgt Ion: 76 Resp: 290486

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

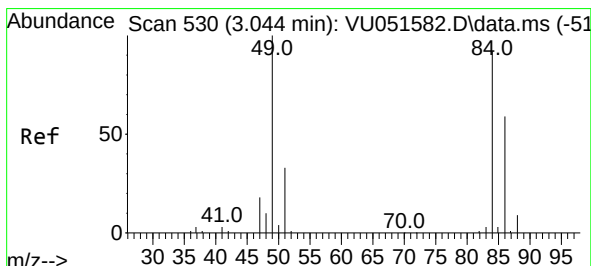
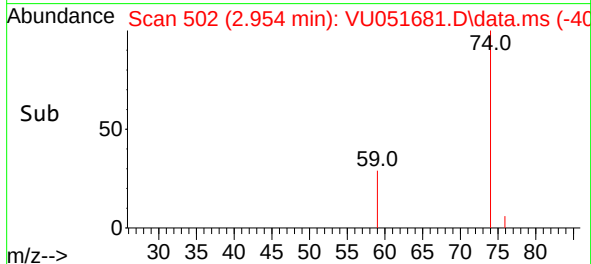
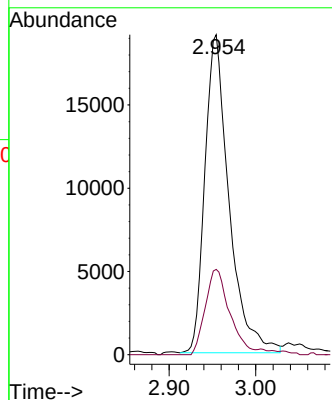
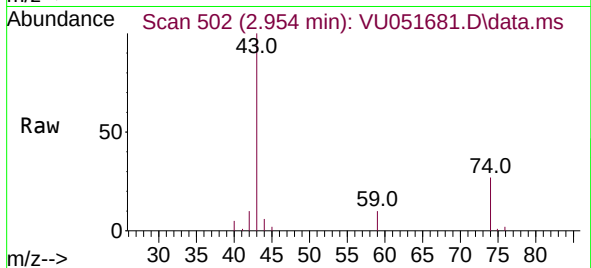




#15
Methyl Acetate
Concen: 5.290 ug/L
RT: 2.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

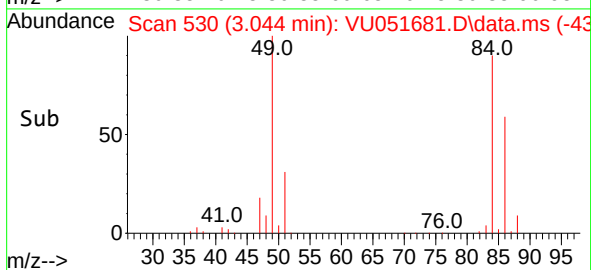
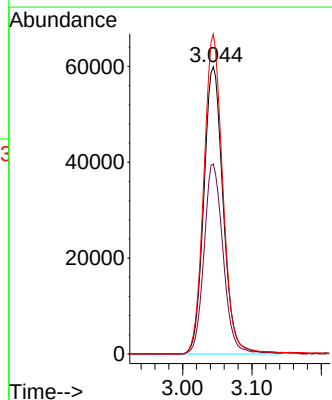
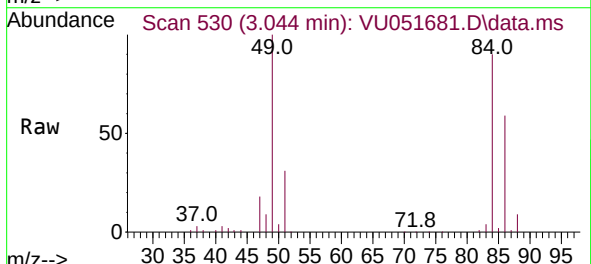
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

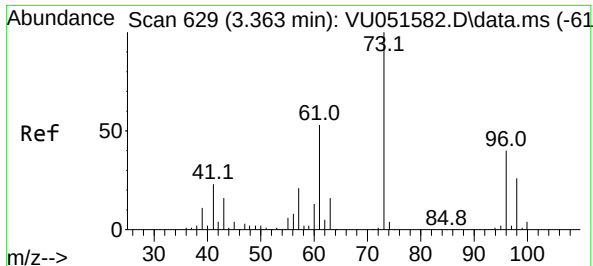
Tgt Ion: 43 Resp: 37065
Ion Ratio Lower Upper
43 100
74 26.9 20.2 30.4



#16
Methylene chloride
Concen: 4.214 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

Tgt Ion: 84 Resp: 116058
Ion Ratio Lower Upper
84 100
86 66.1 46.3 85.9
49 111.4 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 5.442 ug/L

RT: 3.363 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU051681.D

Acq: 02 Nov 2022 10:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD005195

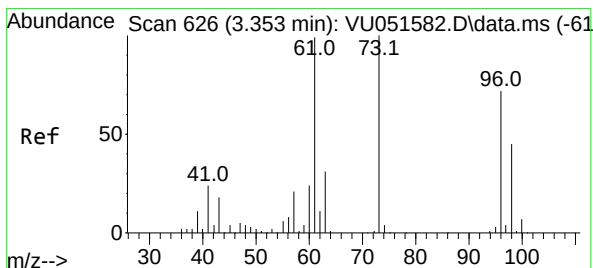
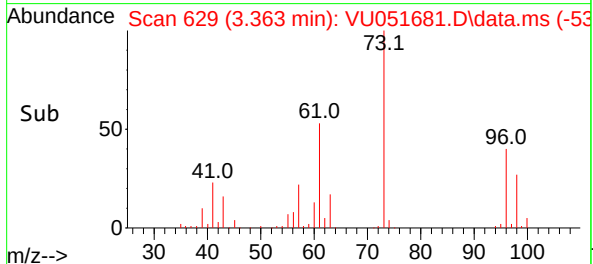
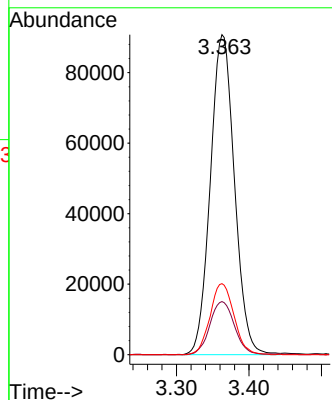
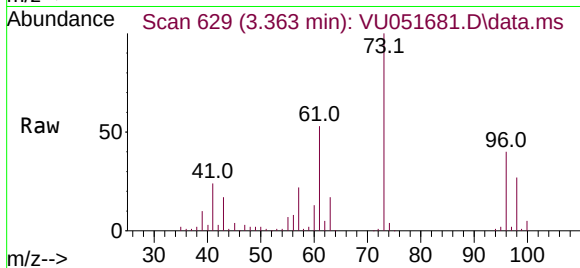
Tgt Ion: 73 Resp: 209796

Ion Ratio Lower Upper

73 100

43 16.9 13.6 20.4

57 22.0 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 5.617 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.003 min

Lab File: VU051681.D

Acq: 02 Nov 2022 10:01

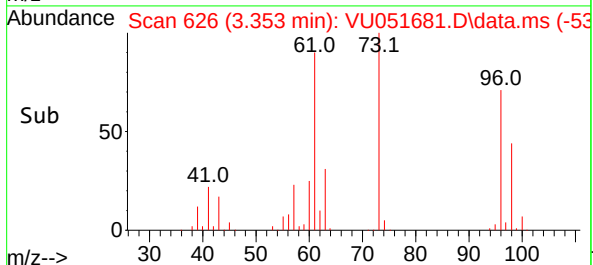
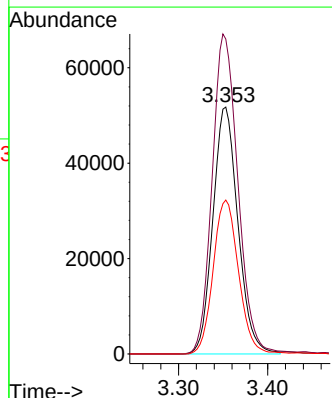
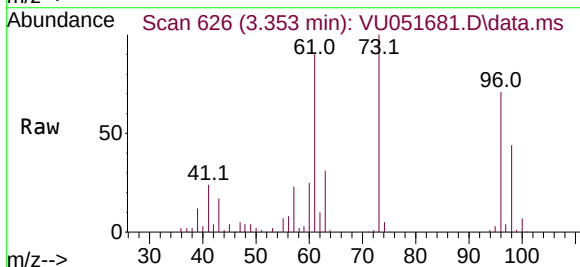
Tgt Ion: 96 Resp: 101345

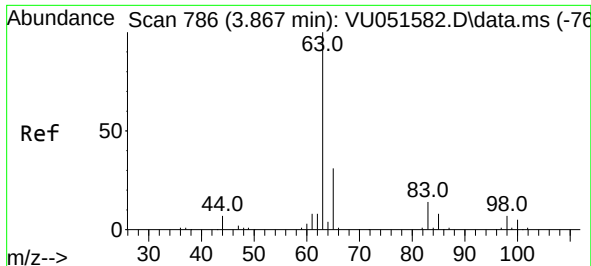
Ion Ratio Lower Upper

96 100

61 127.5 94.7 175.9

98 62.3 44.2 82.0

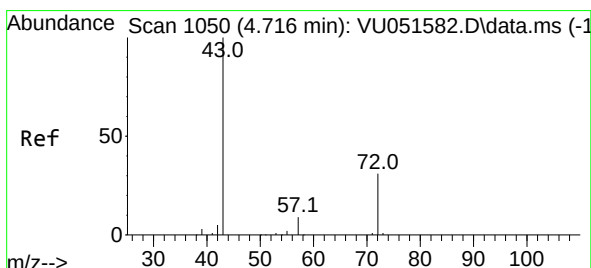
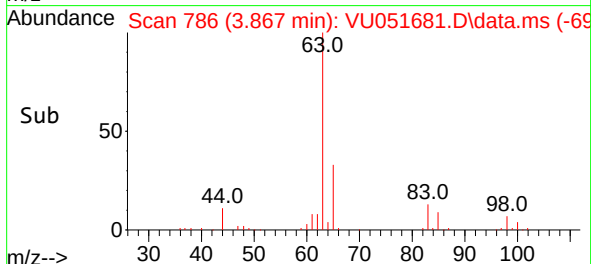
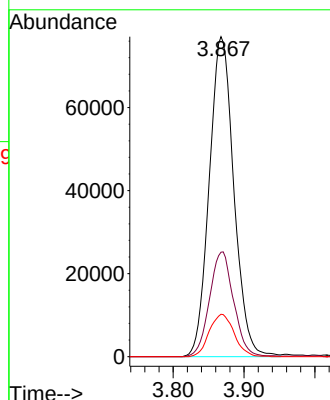
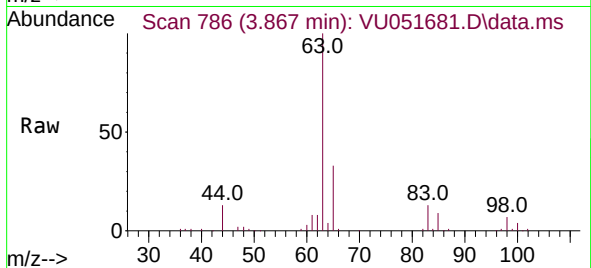




#19
1,1-Dichloroethane
Concen: 5.579 ug/L
RT: 3.867 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

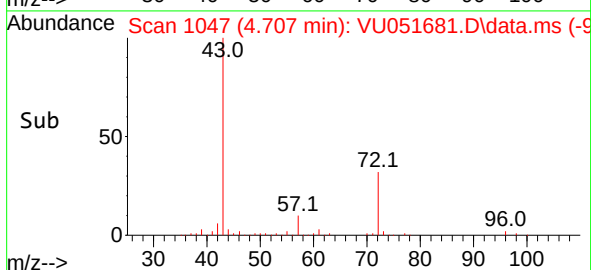
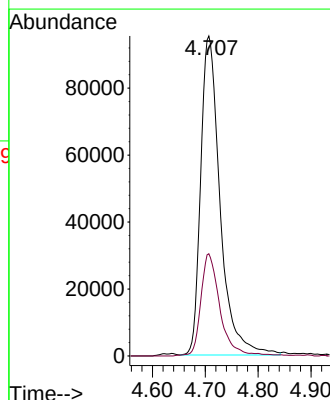
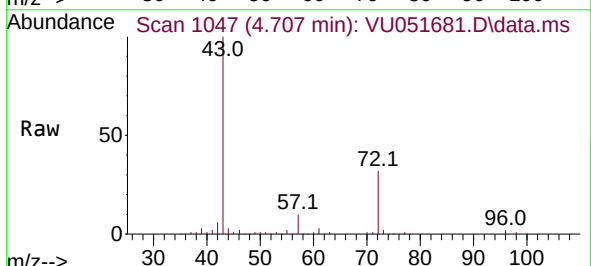
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

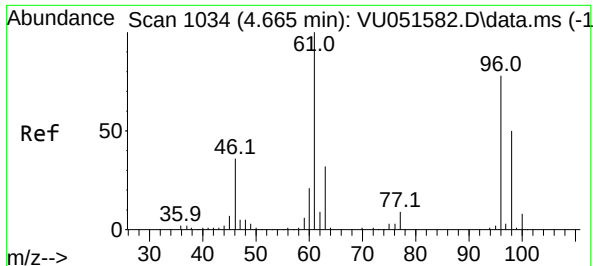
Tgt Ion: 63 Resp: 185680
Ion Ratio Lower Upper
63 100
65 32.6 22.7 42.1
83 13.2 9.2 17.0



#21
2-Butanone
Concen: 57.966 ug/L
RT: 4.707 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

Tgt Ion: 43 Resp: 242958
Ion Ratio Lower Upper
43 100
72 31.1 16.2 48.5

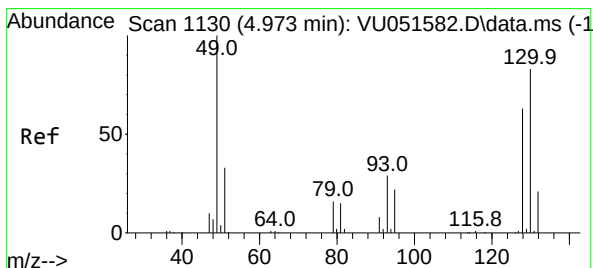
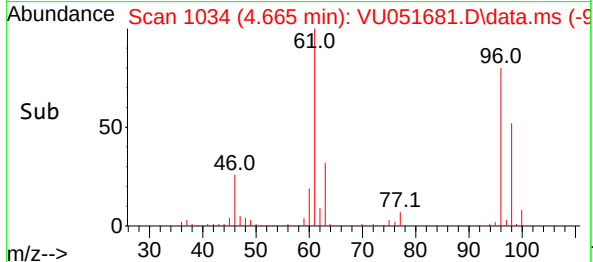
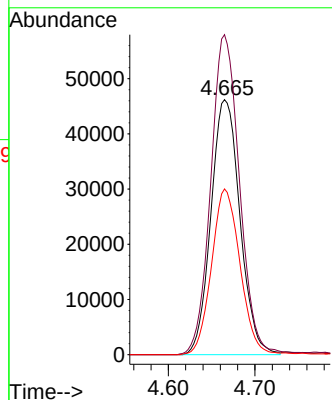
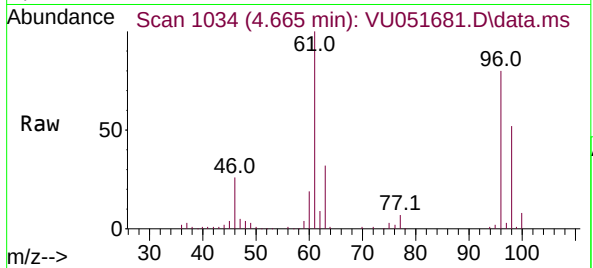




#22
 cis-1,2-Dichloroethene
 Concen: 5.392 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051681.D
 Acq: 02 Nov 2022 10:01

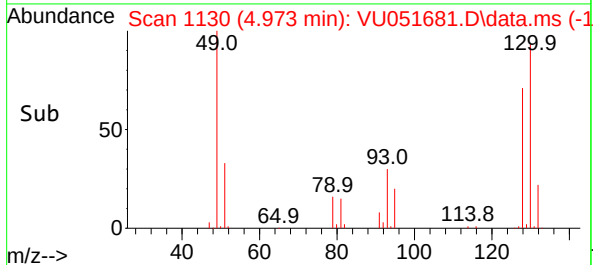
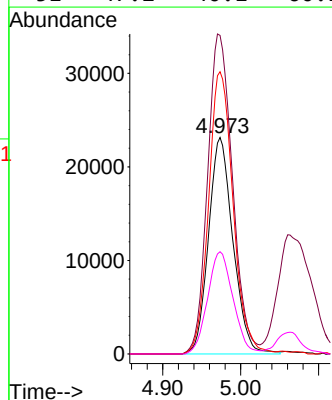
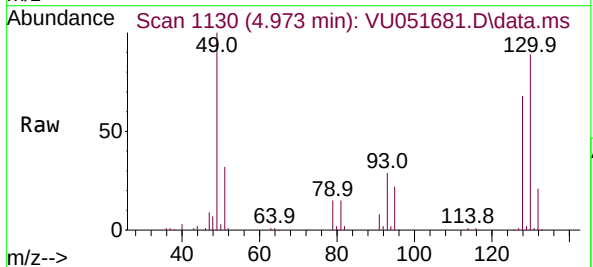
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005195

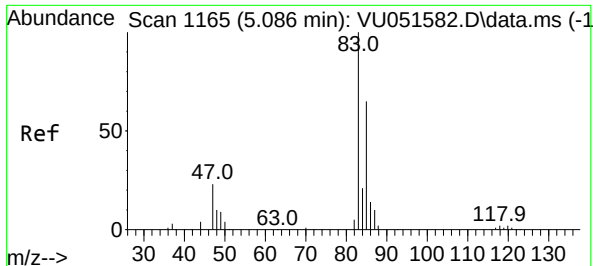
Tgt Ion: 96 Resp: 107659
 Ion Ratio Lower Upper
 96 100
 61 125.4 86.4 160.4
 98 65.0 44.2 82.2



#23
 Bromochloromethane
 Concen: 5.408 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051681.D
 Acq: 02 Nov 2022 10:01

Tgt Ion: 128 Resp: 50483
 Ion Ratio Lower Upper
 128 100
 49 147.1 105.5 195.9
 130 130.4 93.5 173.7
 51 47.2 40.1 60.1





#25

Chloroform

Concen: 5.661 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051681.D

Acq: 02 Nov 2022 10:01

Instrument :

MSVOA_U

ClientSampleId :

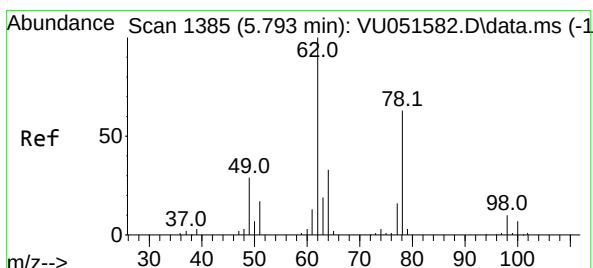
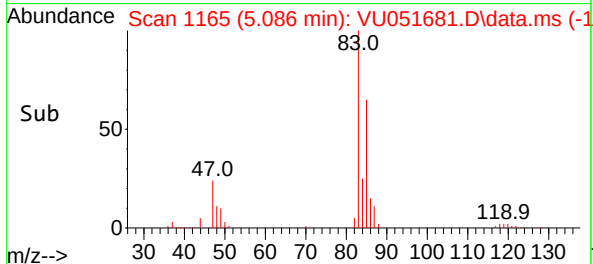
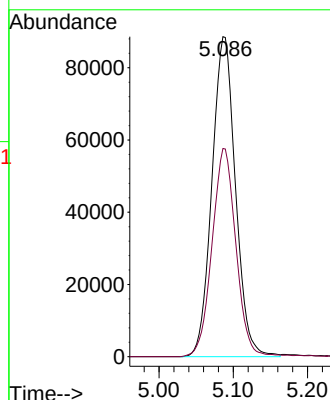
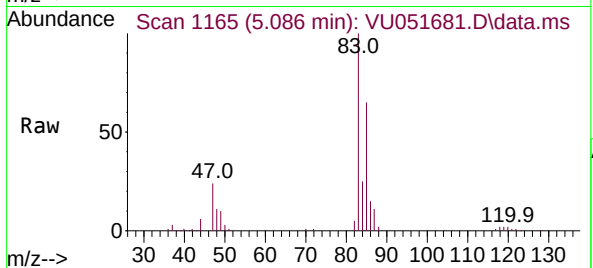
VSTD005195

Tgt Ion: 83 Resp: 195458

Ion Ratio Lower Upper

83 100

85 65.1 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.389 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU051681.D

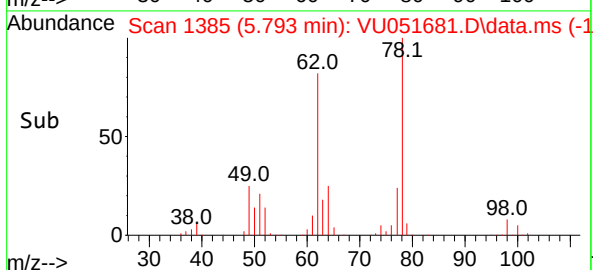
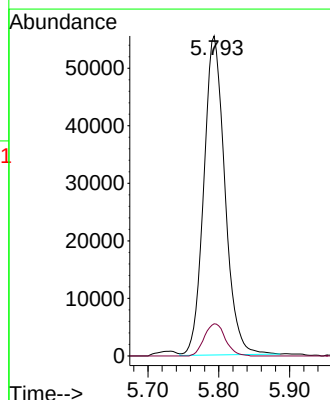
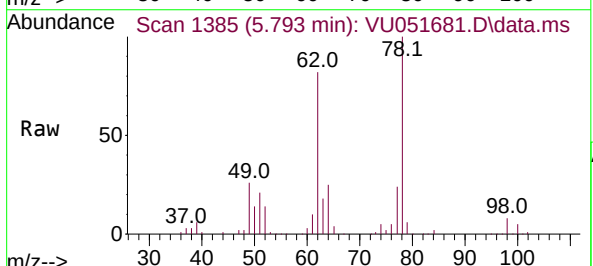
Acq: 02 Nov 2022 10:01

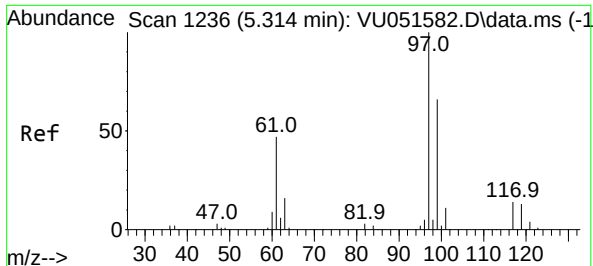
Tgt Ion: 62 Resp: 114495

Ion Ratio Lower Upper

62 100

98 10.0 7.4 11.0

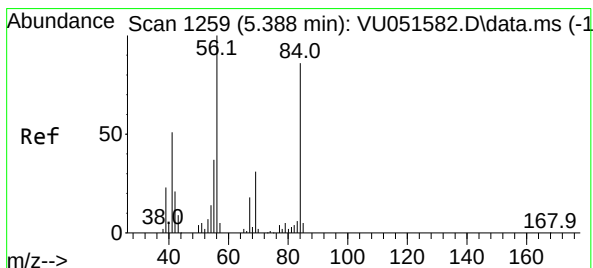
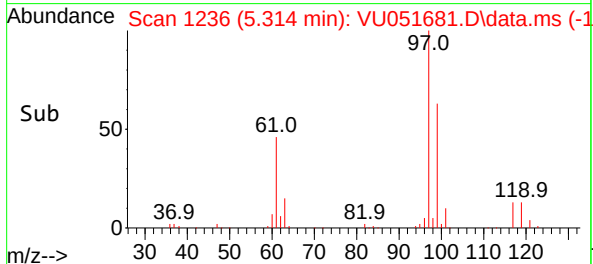
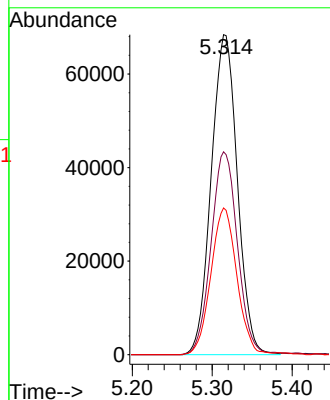
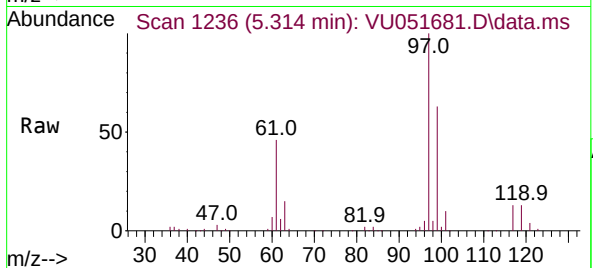




#29
1,1,1-Trichloroethane
Concen: 5.719 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

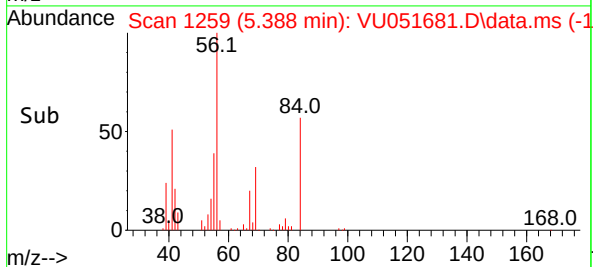
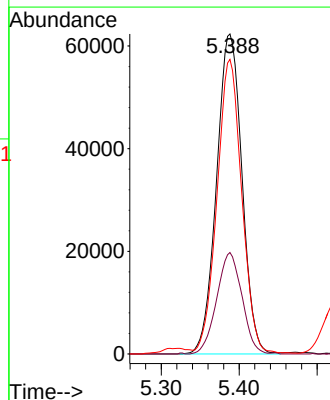
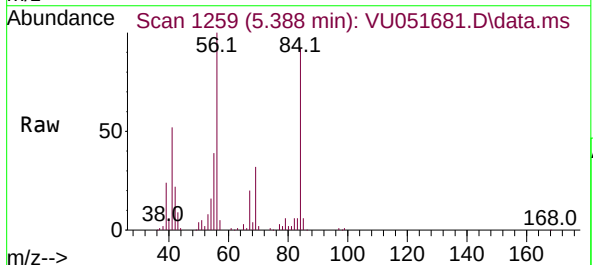
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

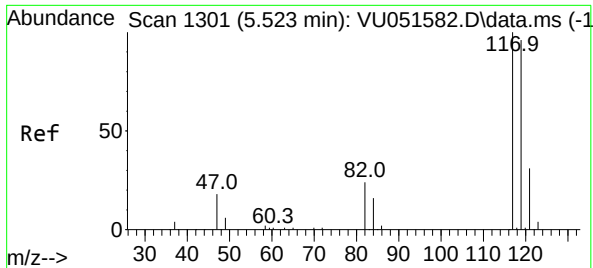
Tgt Ion: 97 Resp: 155335
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 45.6 37.4 56.0



#30
Cyclohexane
Concen: 5.658 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

Tgt Ion: 56 Resp: 141507
Ion Ratio Lower Upper
56 100
69 31.4 25.4 38.0
84 88.8 71.4 107.0

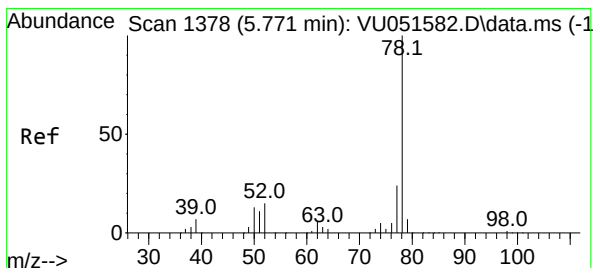
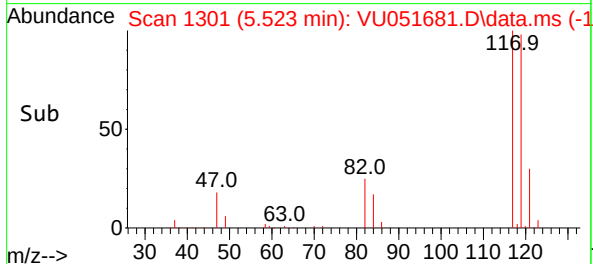
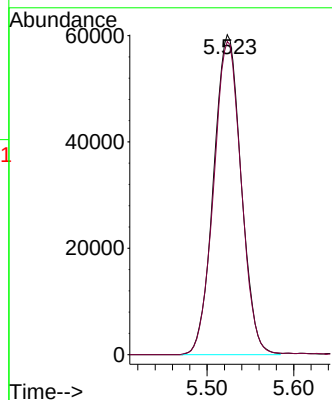
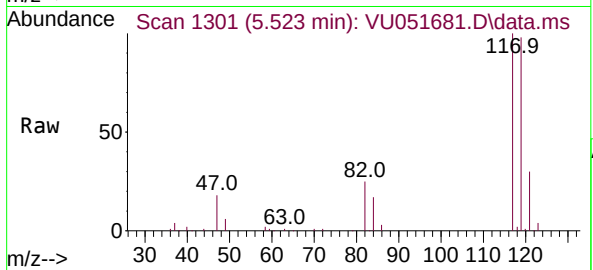




#31
Carbon tetrachloride
Concen: 5.720 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

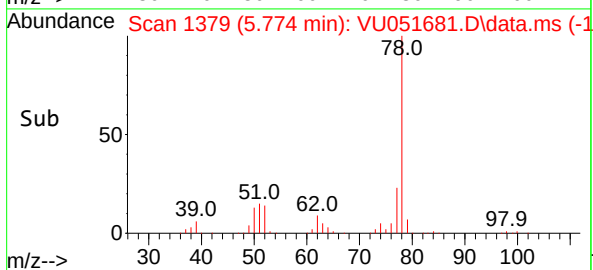
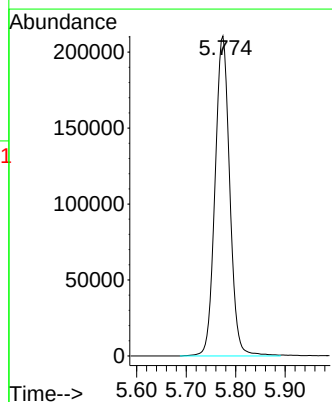
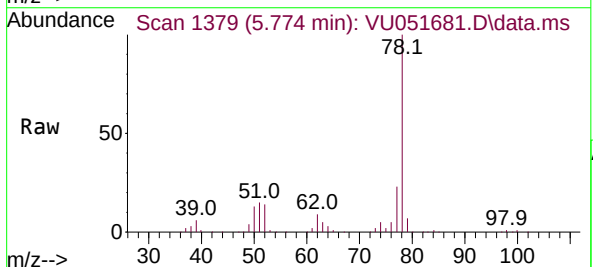
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

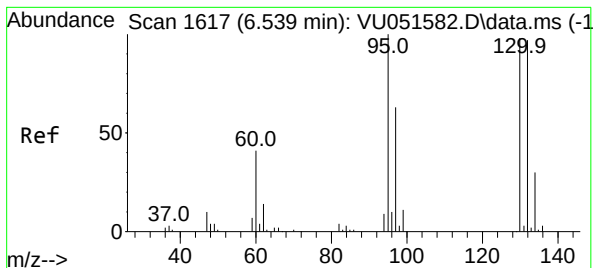
Tgt Ion:117 Resp: 132869
Ion Ratio Lower Upper
117 100
119 97.8 77.5 116.3



#33
Benzene
Concen: 5.506 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

Tgt Ion: 78 Resp: 434693





#34

Trichloroethene

Concen: 5.539 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051681.D

Acq: 02 Nov 2022 10:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD005195

Tgt Ion: 95 Resp: 105523

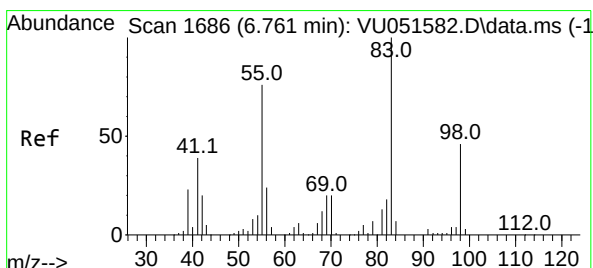
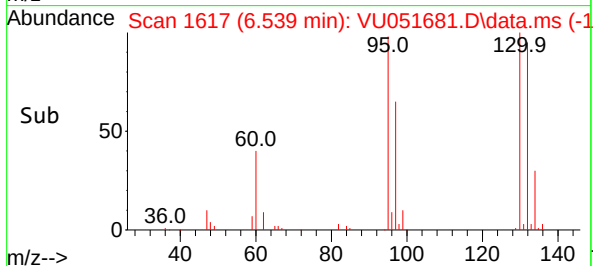
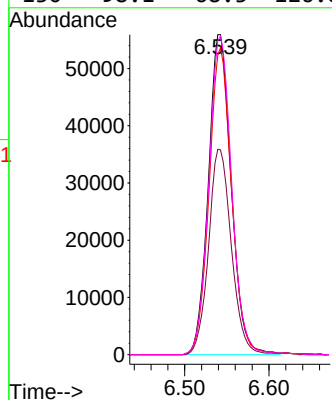
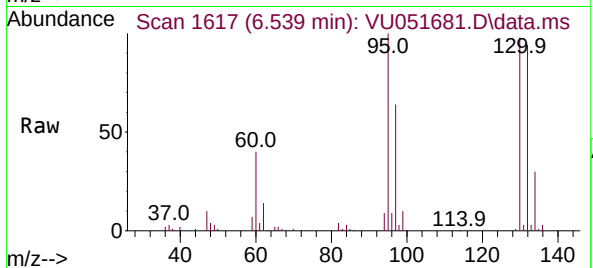
Ion Ratio Lower Upper

95 100

97 64.2 45.2 84.0

132 93.7 66.5 123.5

130 98.1 68.3 126.8



#35

Methylcyclohexane

Concen: 5.955 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VU051681.D

Acq: 02 Nov 2022 10:01

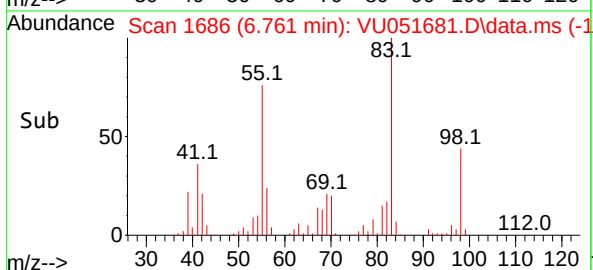
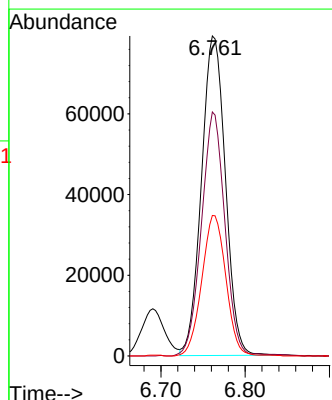
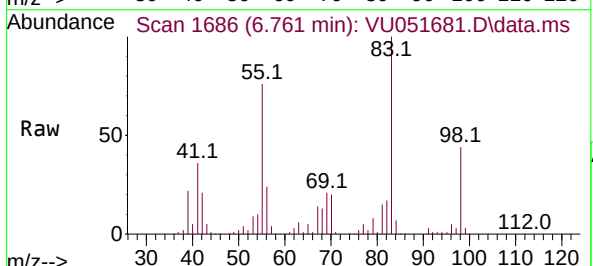
Tgt Ion: 83 Resp: 156863

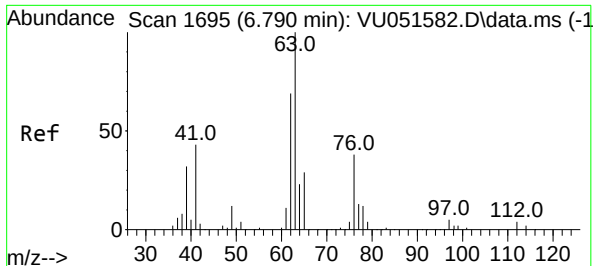
Ion Ratio Lower Upper

83 100

55 75.1 60.6 90.8

98 44.1 35.8 53.6





#37

1,2-Dichloropropane

Concen: 5.520 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051681.D

Acq: 02 Nov 2022 10:01

Instrument :

MSVOA_U

ClientSampleId :

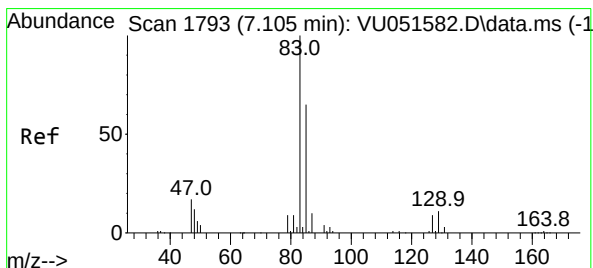
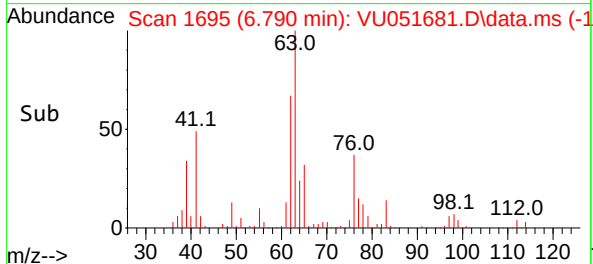
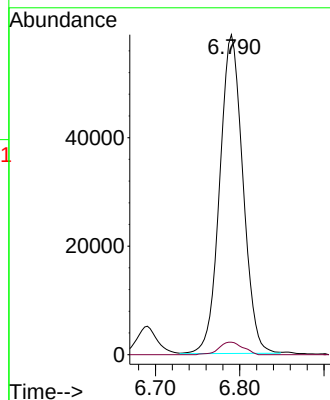
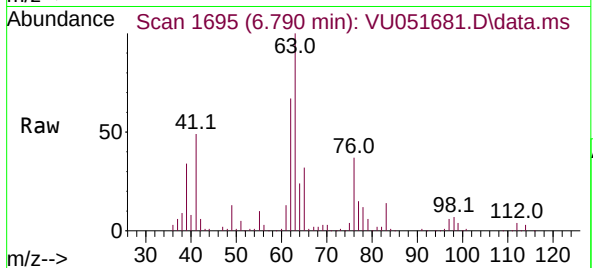
VSTD005195

Tgt Ion: 63 Resp: 112079

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 5.544 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051681.D

Acq: 02 Nov 2022 10:01

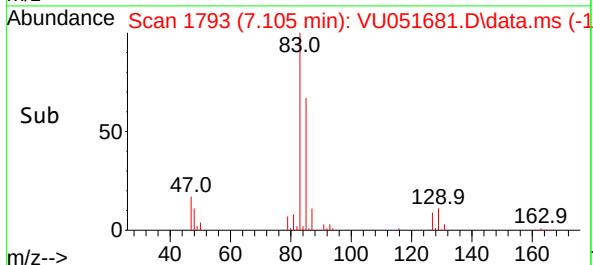
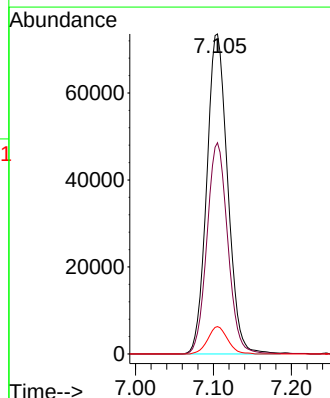
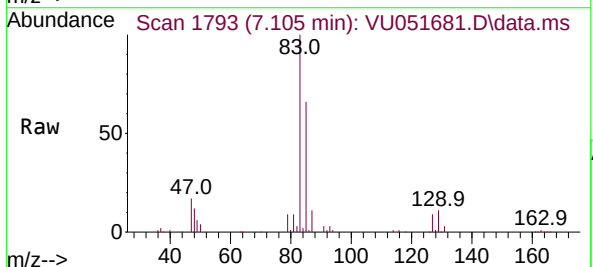
Tgt Ion: 83 Resp: 137491

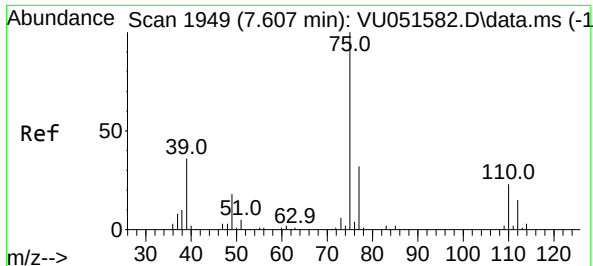
Ion Ratio Lower Upper

83 100

85 66.0 45.1 83.7

127 8.6 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.349 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051681.D

Acq: 02 Nov 2022 10:01

Instrument :

MSVOA_U

ClientSampleId :

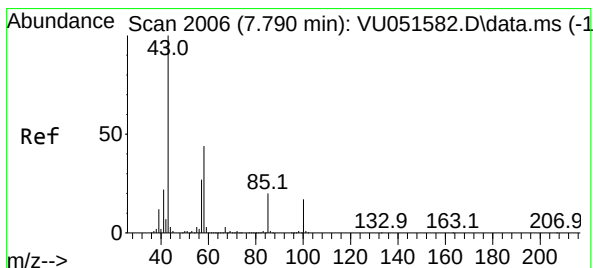
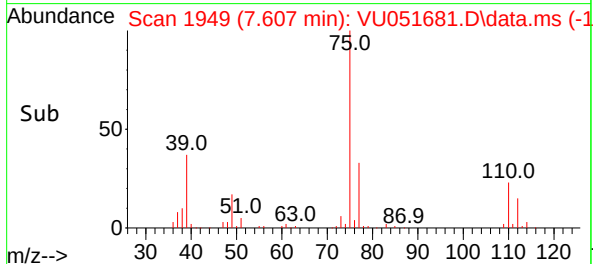
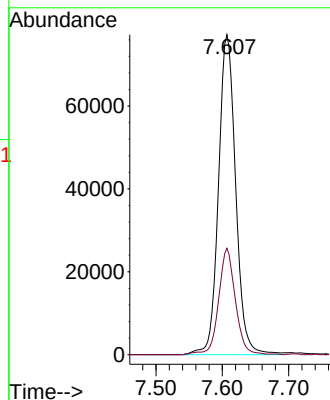
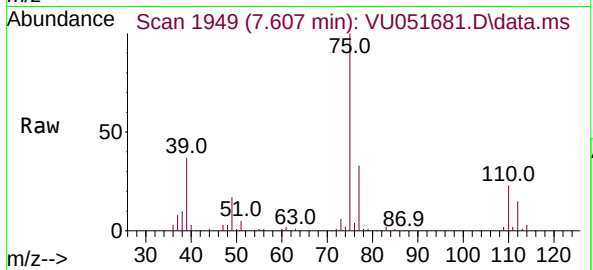
VSTD005195

Tgt Ion: 75 Resp: 139341

Ion Ratio Lower Upper

75 100

77 33.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 56.758 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU051681.D

Acq: 02 Nov 2022 10:01

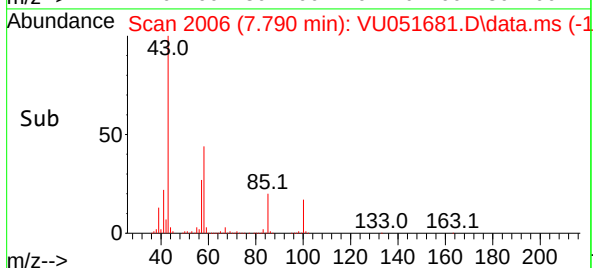
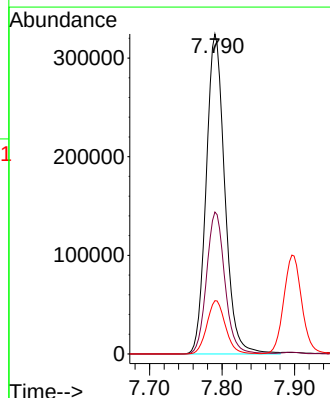
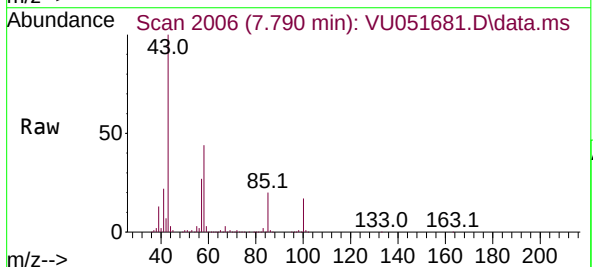
Tgt Ion: 43 Resp: 578048

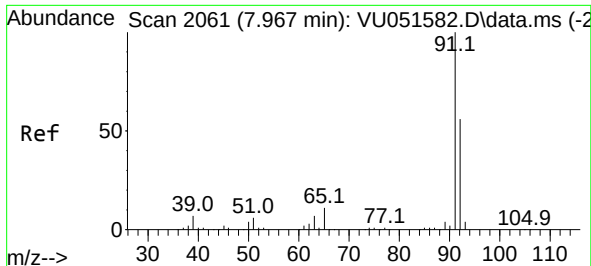
Ion Ratio Lower Upper

43 100

58 43.8 35.0 52.6

100 16.7 13.4 20.0





#42

Toluene

Concen: 5.686 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051681.D

Acq: 02 Nov 2022 10:01

Instrument :

MSVOA_U

ClientSampleId :

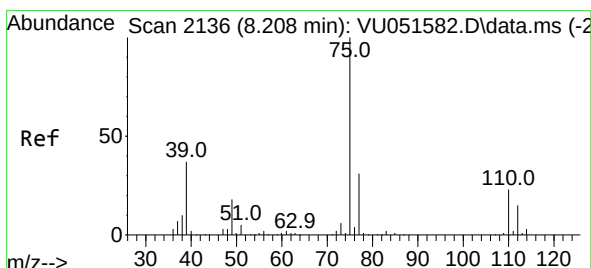
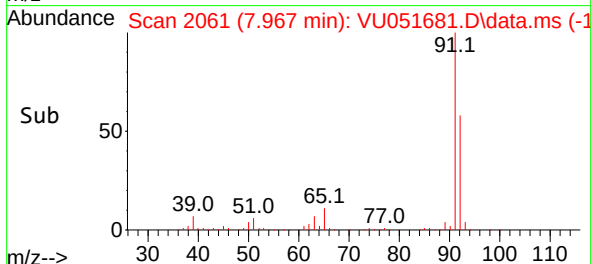
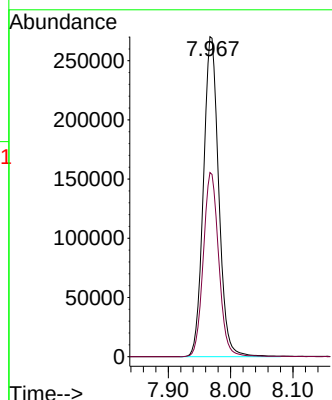
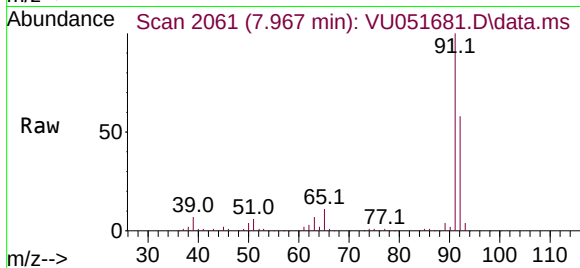
VSTD005195

Tgt Ion: 91 Resp: 460976

Ion Ratio Lower Upper

91 100

92 57.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.567 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051681.D

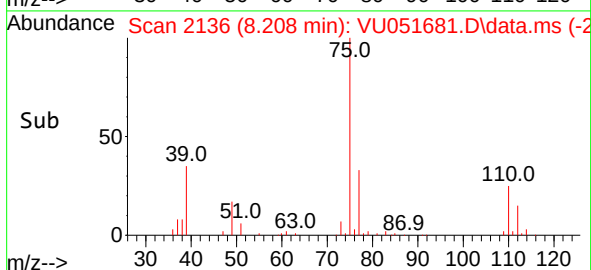
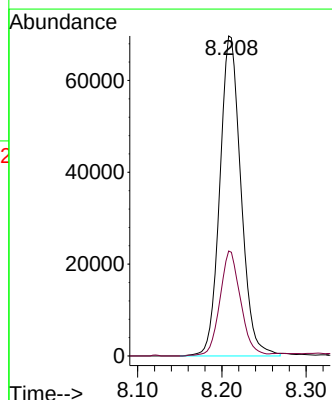
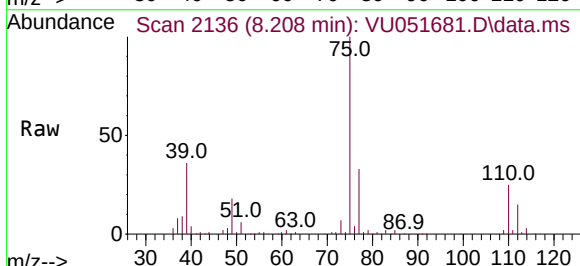
Acq: 02 Nov 2022 10:01

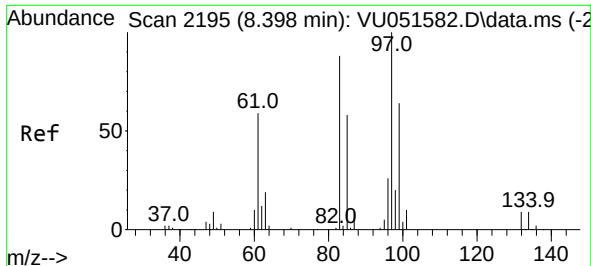
Tgt Ion: 75 Resp: 121188

Ion Ratio Lower Upper

75 100

77 32.8 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 5.538 ug/L

RT: 8.401 min Scan# 2196

Delta R.T. 0.003 min

Lab File: VU051681.D

Acq: 02 Nov 2022 10:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD005195

Tgt Ion: 97 Resp: 82405

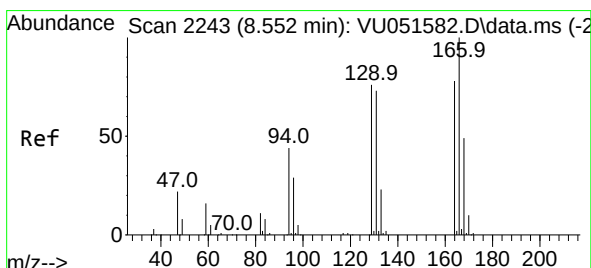
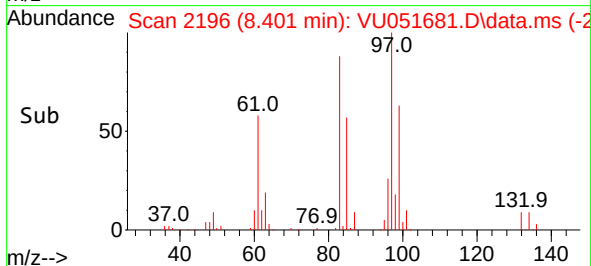
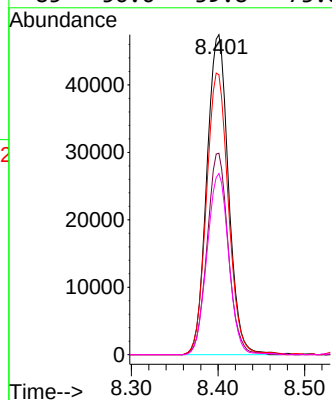
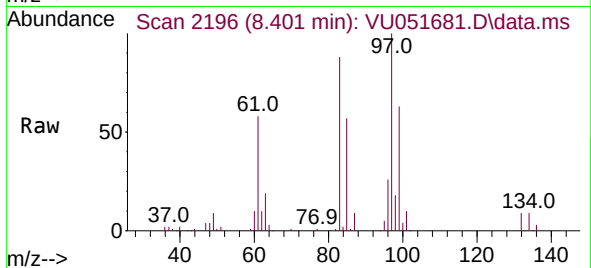
Ion Ratio Lower Upper

97 100

99 63.0 43.4 80.6

83 87.5 61.3 113.9

85 56.6 39.8 73.8



#47

Tetrachloroethene

Concen: 5.725 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051681.D

Acq: 02 Nov 2022 10:01

Tgt Ion:164 Resp: 83527

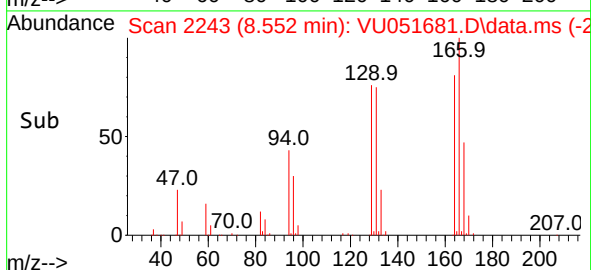
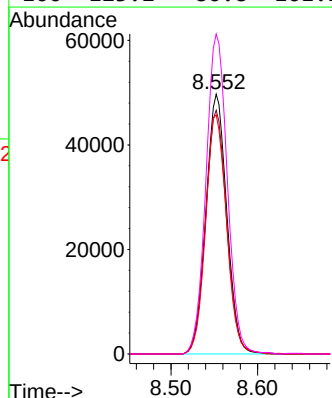
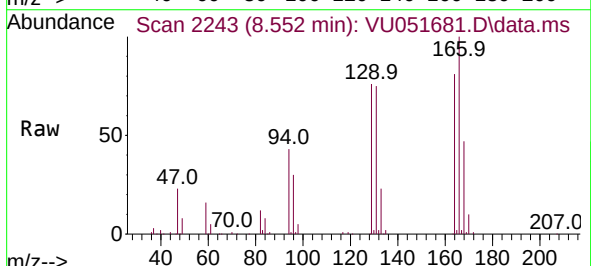
Ion Ratio Lower Upper

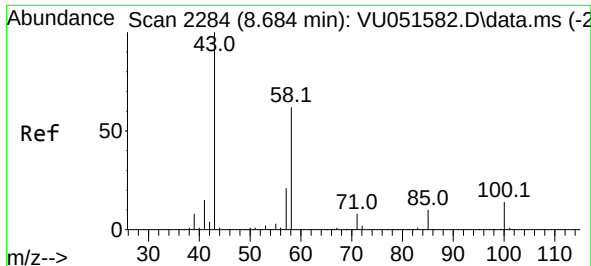
164 100

129 93.8 64.0 118.8

131 92.1 60.7 112.7

166 123.2 86.8 161.2

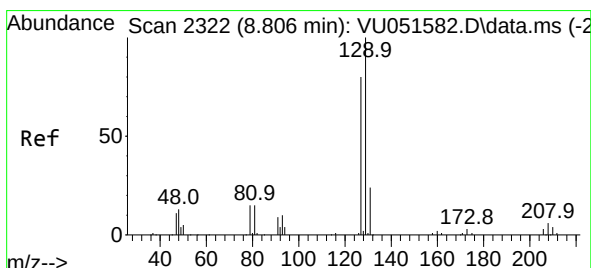
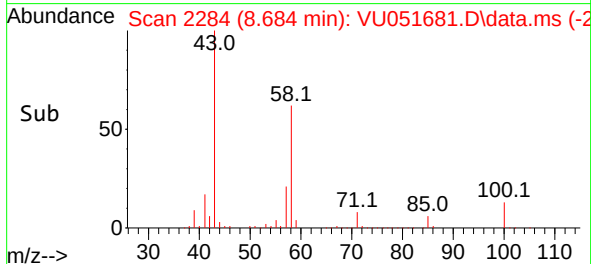
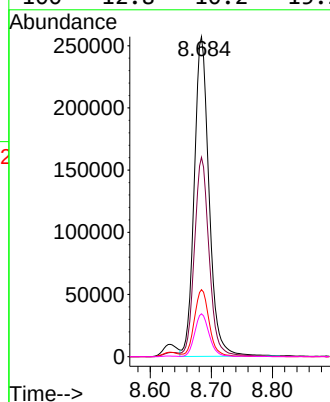
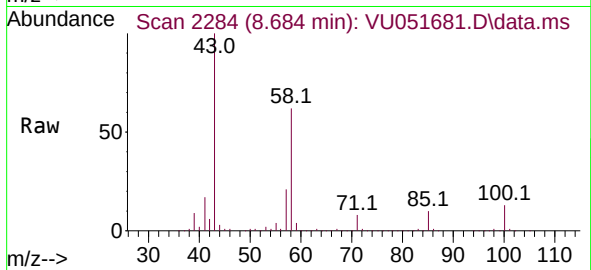




#48
2-Hexanone
Concen: 57.531 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

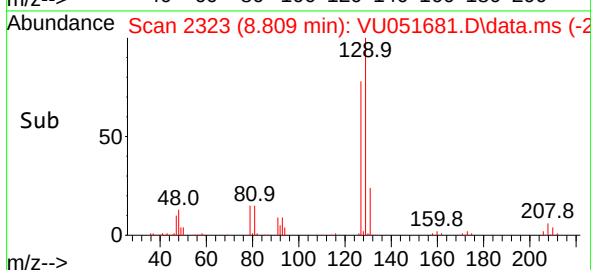
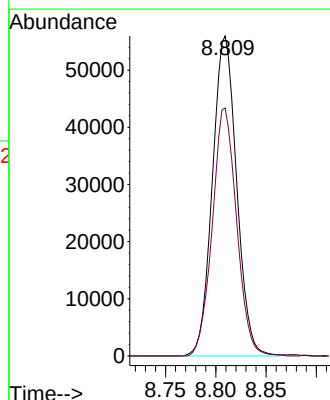
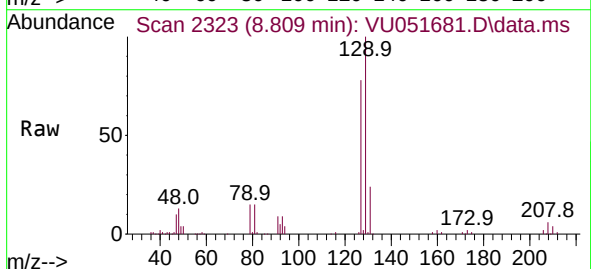
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

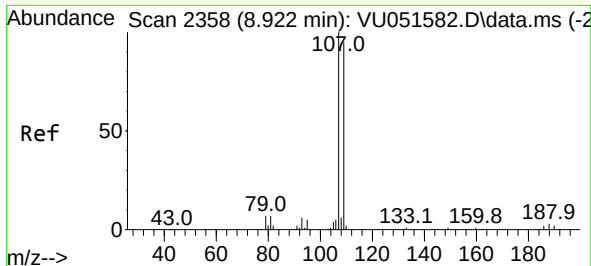
Tgt Ion:	43	Resp:	433697
Ion	Ratio	Lower	Upper
43	100		
58	61.7	48.2	72.2
57	20.6	16.6	25.0
100	12.8	10.2	15.2



#49
Dibromochloromethane
Concen: 5.520 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

Tgt Ion:	129	Resp:	93821
Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.8	101.8

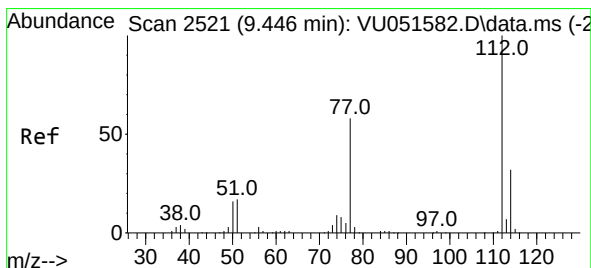
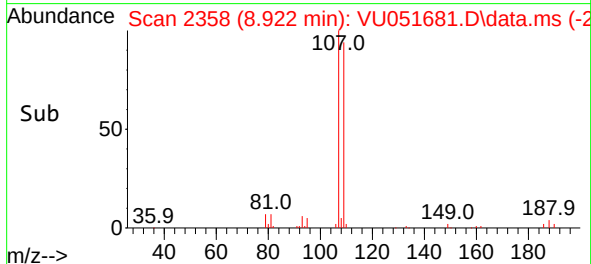
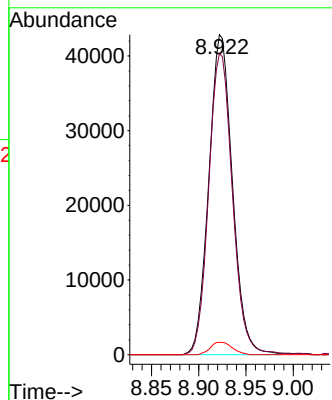
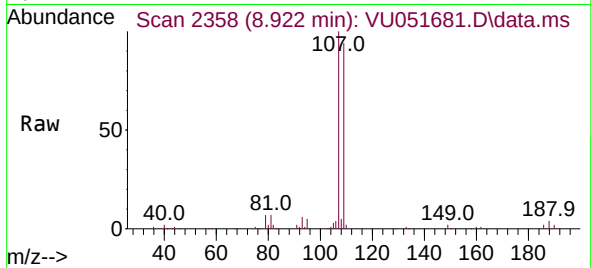




#50
1,2-Dibromoethane
Concen: 5.549 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

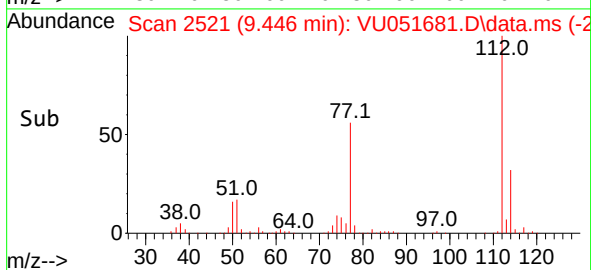
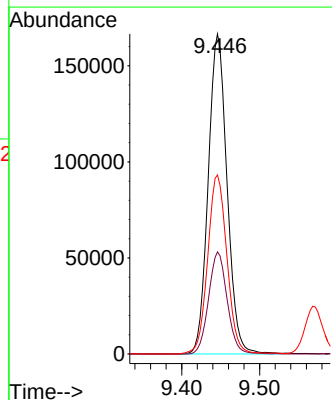
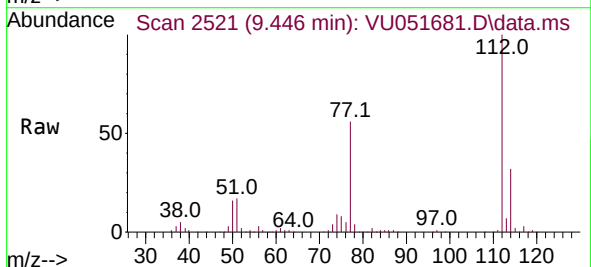
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

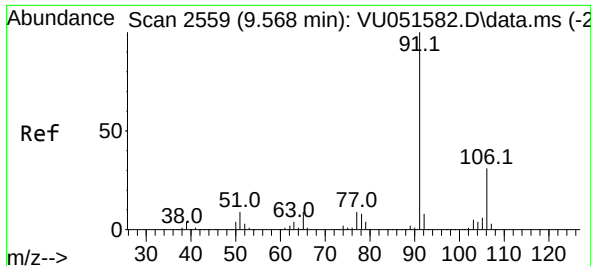
Tgt Ion:107 Resp: 74489
Ion Ratio Lower Upper
107 100
109 94.2 63.0 117.0
188 3.9 3.0 4.4



#51
Chlorobenzene
Concen: 5.477 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

Tgt Ion:112 Resp: 279469
Ion Ratio Lower Upper
112 100
114 31.9 22.0 40.8
77 56.0 46.7 70.1

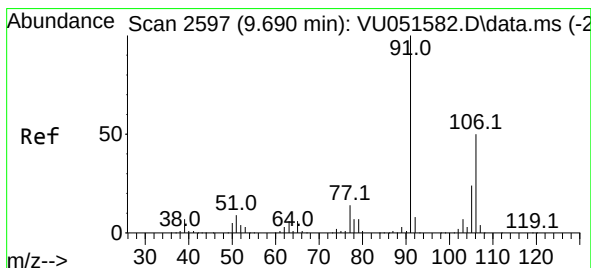
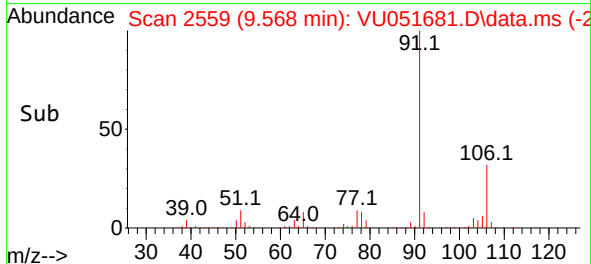
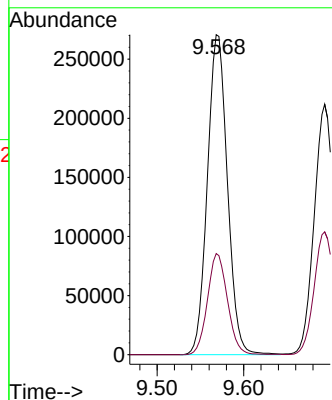
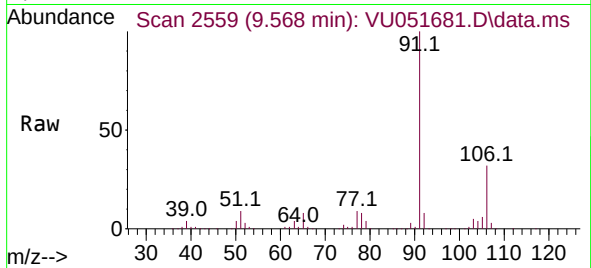




#52
Ethylbenzene
Concen: 5.557 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

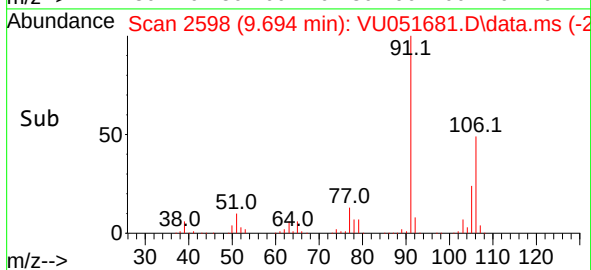
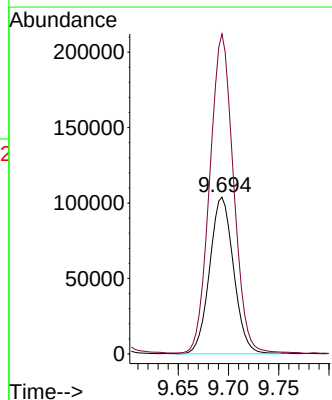
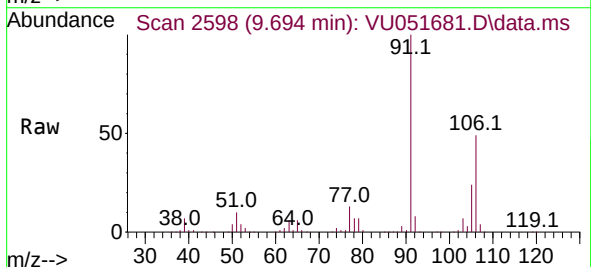
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

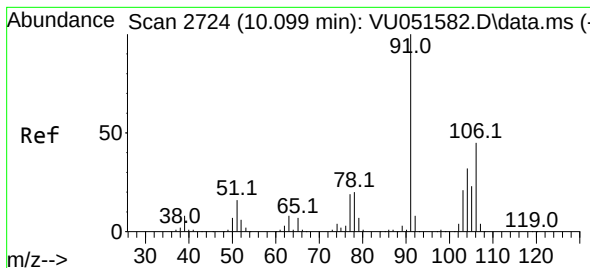
Tgt Ion: 91 Resp: 434680
Ion Ratio Lower Upper
91 100
106 31.6 21.8 40.6



#53
m,p-Xylene
Concen: 5.659 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

Tgt Ion: 106 Resp: 171937
Ion Ratio Lower Upper
106 100
91 204.1 139.4 259.0





#54

o-Xylene

Concen: 5.609 ug/L

RT: 10.099 min Scan# 2724

Delta R.T. 0.000 min

Lab File: VU051681.D

Acq: 02 Nov 2022 10:01

Instrument :

MSVOA_U

ClientSampleId :

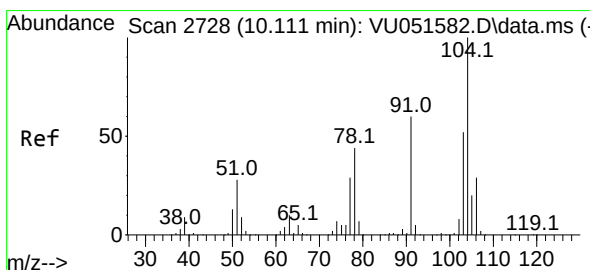
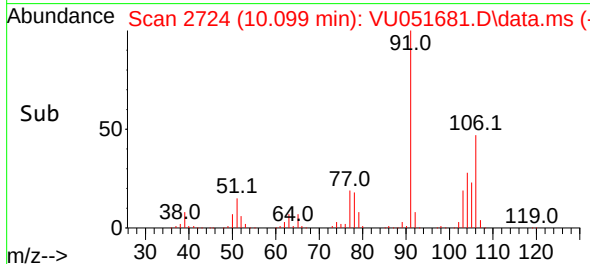
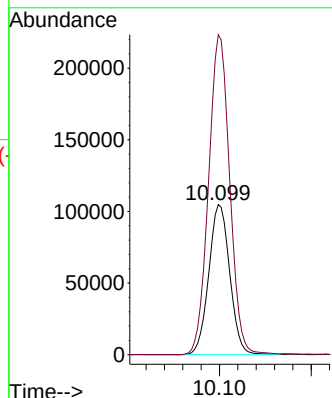
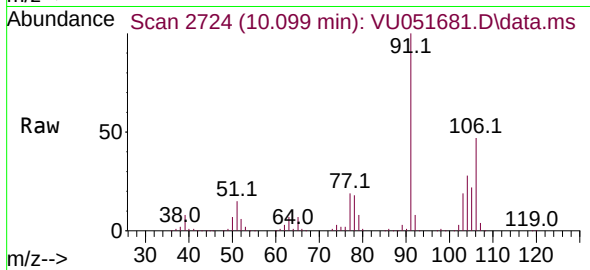
VSTD005195

Tgt Ion:106 Resp: 166562

Ion Ratio Lower Upper

106 100

91 213.3 149.2 277.2



#55

Styrene

Concen: 5.923 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.003 min

Lab File: VU051681.D

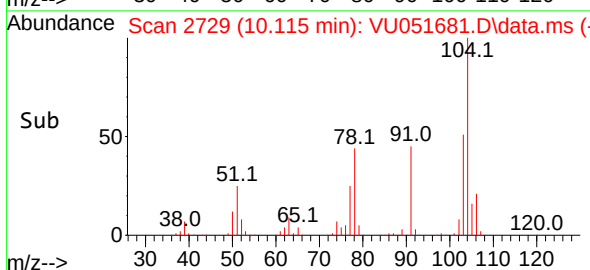
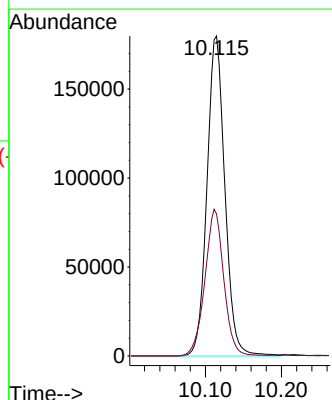
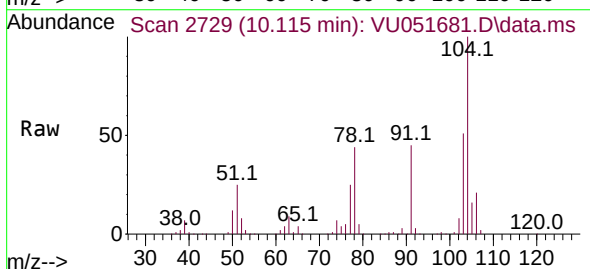
Acq: 02 Nov 2022 10:01

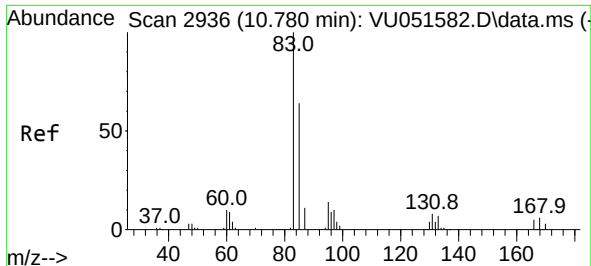
Tgt Ion:104 Resp: 294064

Ion Ratio Lower Upper

104 100

78 44.4 31.8 59.0





#57

1,1,2-Tetrachloroethane

Concen: 5.696 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051681.D

Acq: 02 Nov 2022 10:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD005195

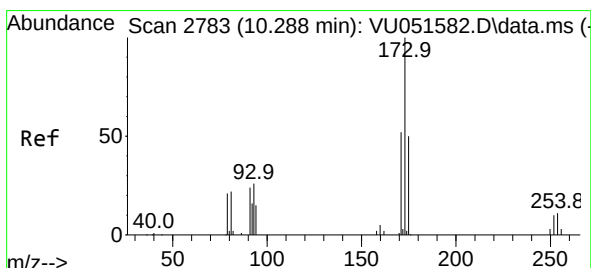
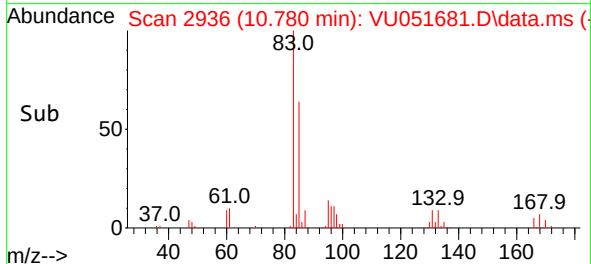
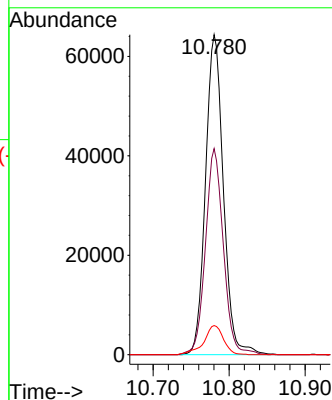
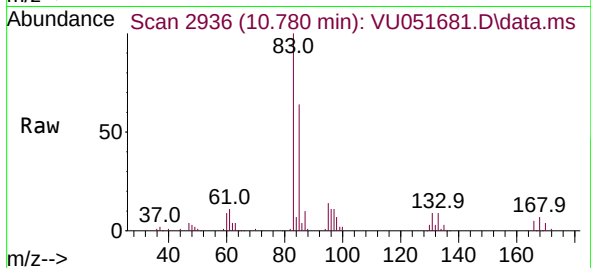
Tgt Ion: 83 Resp: 105083

Ion Ratio Lower Upper

83 100

85 64.4 44.9 83.5

131 9.1 7.8 11.8



#59

Bromoform

Concen: 5.437 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU051681.D

Acq: 02 Nov 2022 10:01

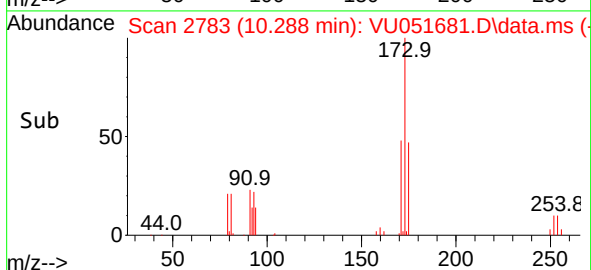
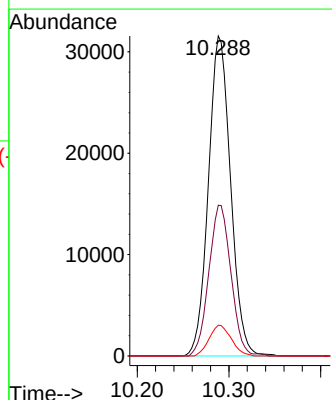
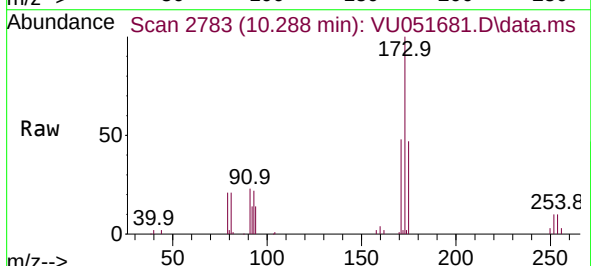
Tgt Ion:173 Resp: 53092

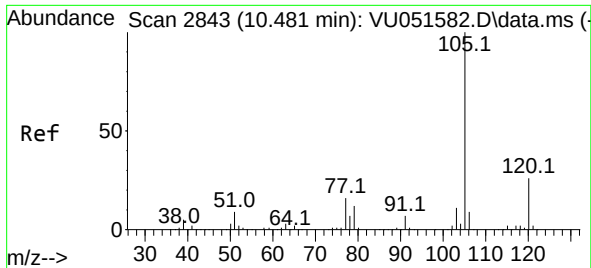
Ion Ratio Lower Upper

173 100

175 47.0 38.7 58.1

254 9.6 7.3 10.9

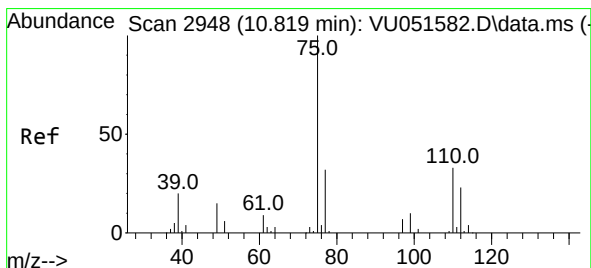
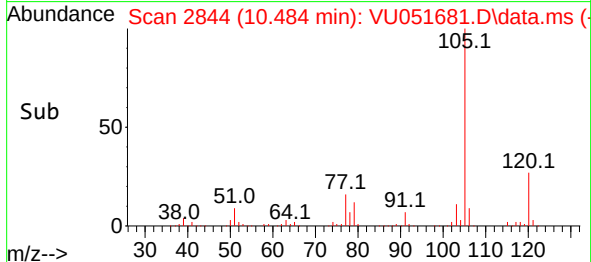
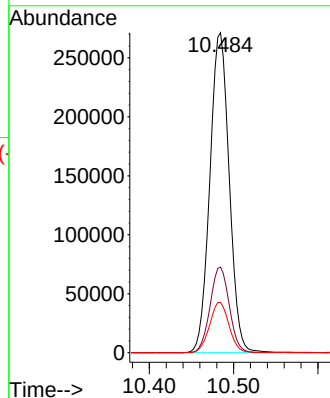
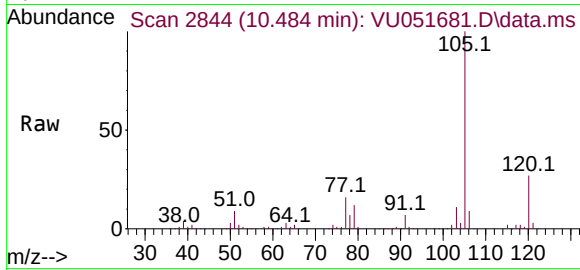




#60
Isopropylbenzene
Concen: 5.610 ug/L
RT: 10.484 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

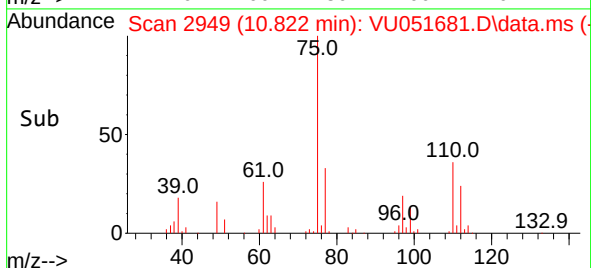
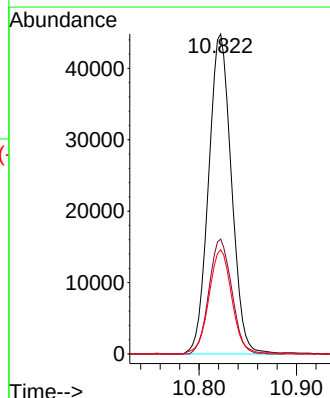
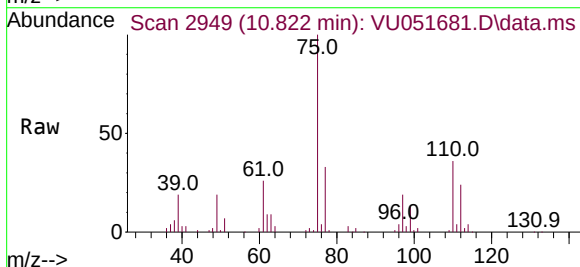
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

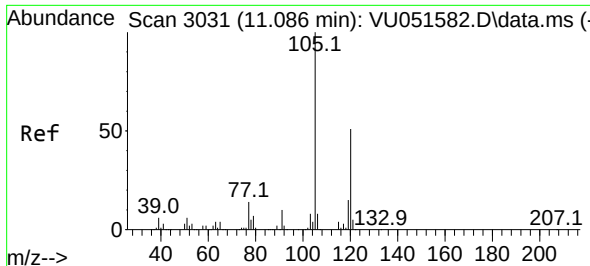
Tgt Ion:105 Resp: 432821
Ion Ratio Lower Upper
105 100
120 26.5 20.9 31.3
77 15.8 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.333 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

Tgt Ion: 75 Resp: 72887
Ion Ratio Lower Upper
75 100
110 35.7 28.7 43.1
77 32.9 26.1 39.1

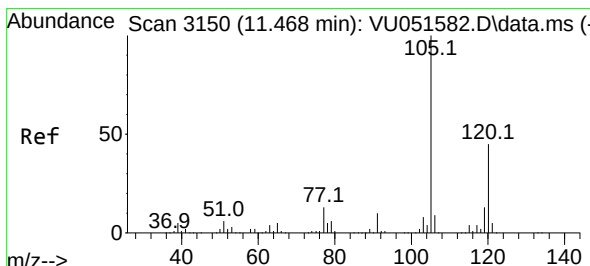
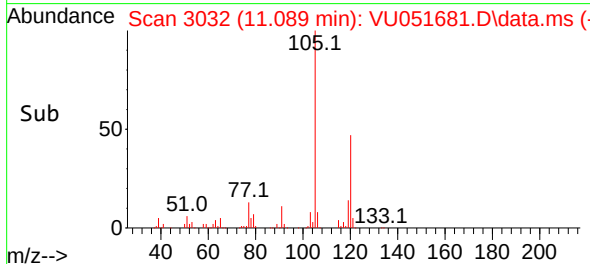
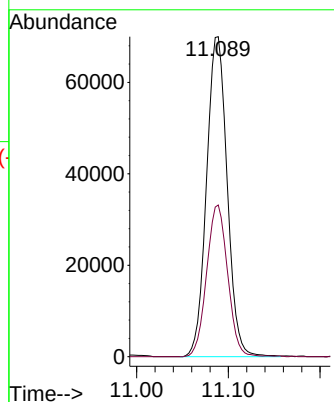
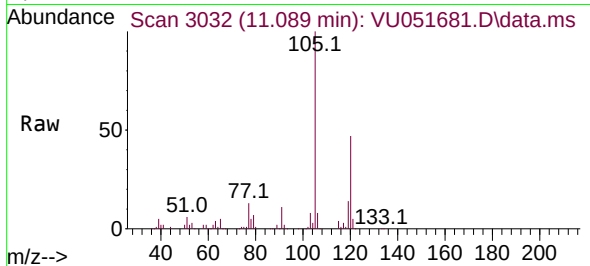




#62
 1,3,5-Trimethylbenzene
 Concen: 5.270 ug/L
 RT: 11.089 min Scan# 3031
 Delta R.T. 0.003 min
 Lab File: VU051681.D
 Acq: 02 Nov 2022 10:01

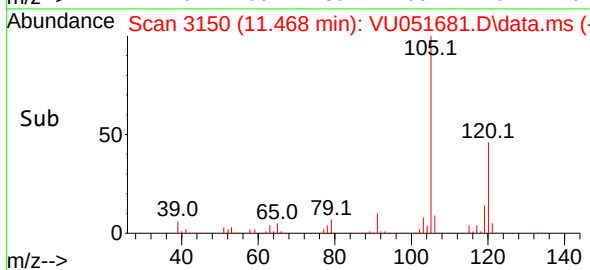
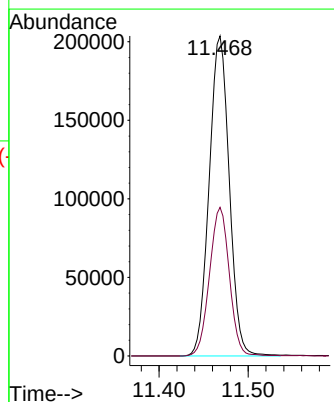
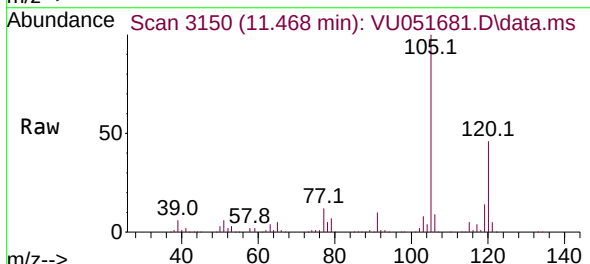
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005195

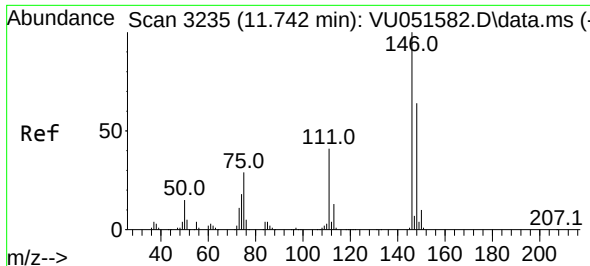
Tgt Ion:105 Resp: 109459
 Ion Ratio Lower Upper
 105 100
 120 48.3 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 5.322 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.003 min
 Lab File: VU051681.D
 Acq: 02 Nov 2022 10:01

Tgt Ion:105 Resp: 318763
 Ion Ratio Lower Upper
 105 100
 120 45.9 35.8 53.6

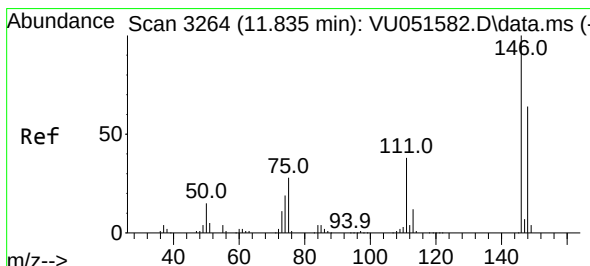
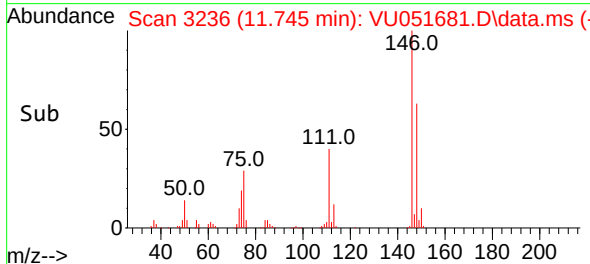
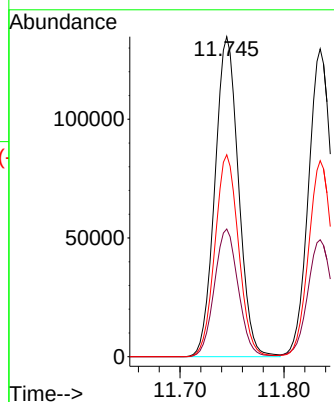
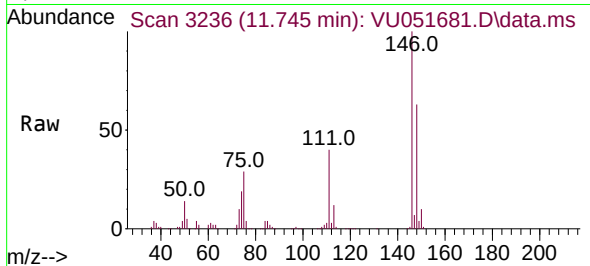




#64
1,3-Dichlorobenzene
Concen: 5.541 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

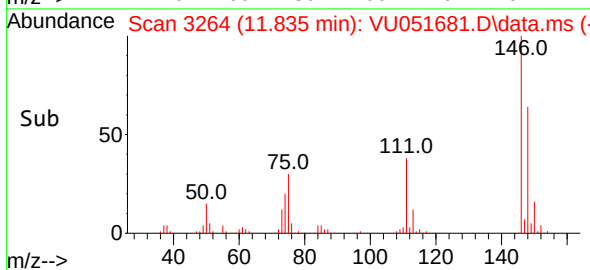
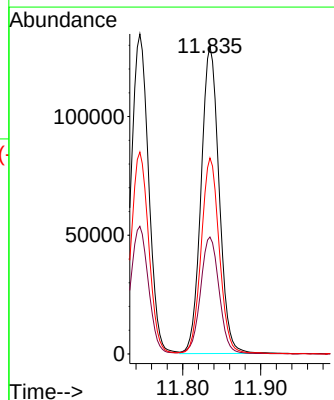
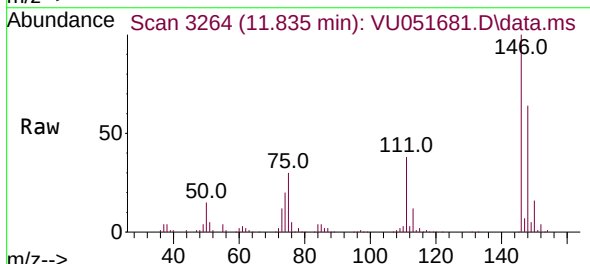
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

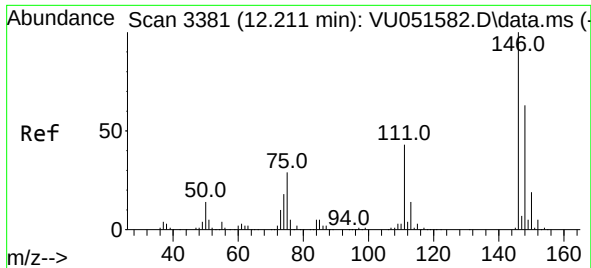
Tgt Ion:146 Resp: 212840
Ion Ratio Lower Upper
146 100
111 39.9 28.6 53.2
148 63.1 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.399 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

Tgt Ion:146 Resp: 207920
Ion Ratio Lower Upper
146 100
111 38.0 26.7 49.5
148 63.7 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 5.328 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051681.D

Acq: 02 Nov 2022 10:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD005195

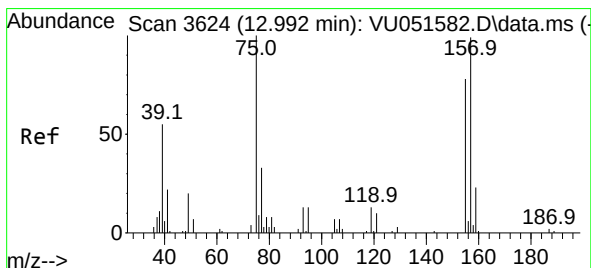
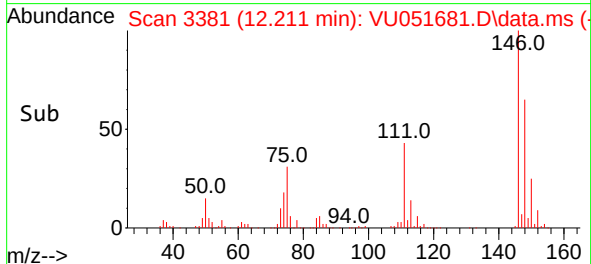
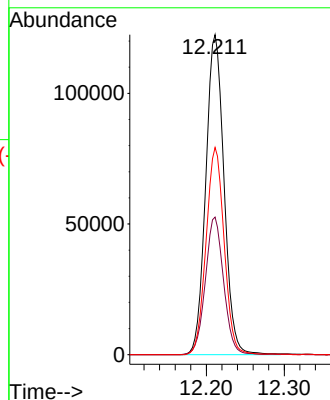
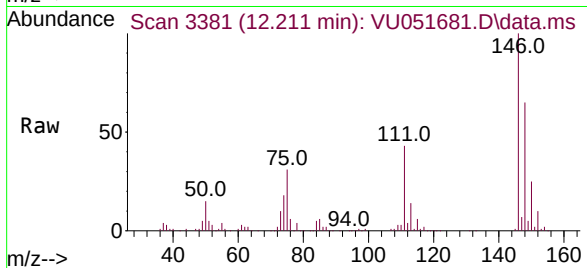
Tgt Ion:146 Resp: 199365

Ion Ratio Lower Upper

146 100

111 43.0 34.2 51.2

148 64.8 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.398 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU051681.D

Acq: 02 Nov 2022 10:01

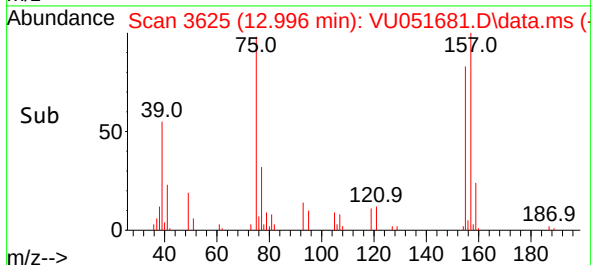
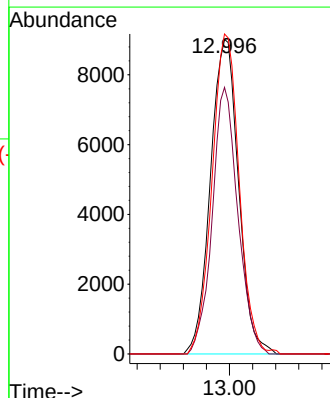
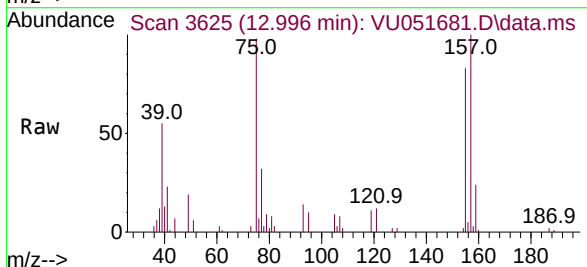
Tgt Ion: 75 Resp: 15192

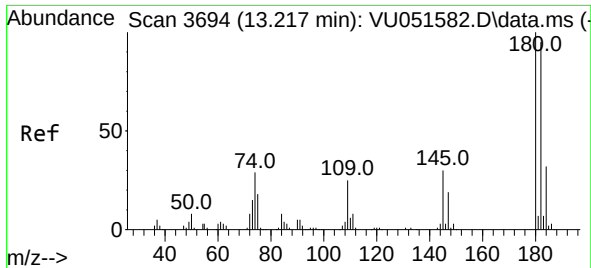
Ion Ratio Lower Upper

75 100

155 84.7 61.4 92.2

157 101.7 86.7 130.1

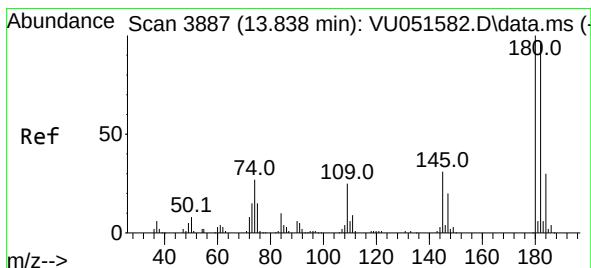
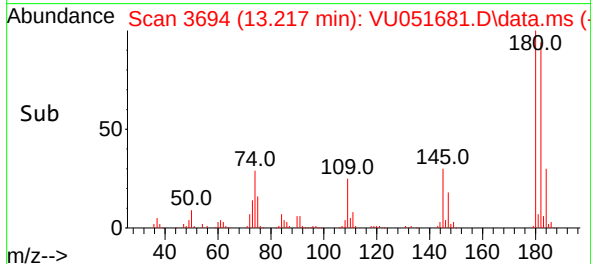
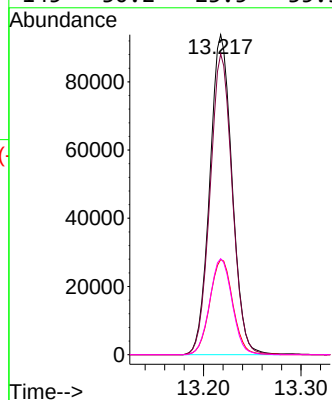
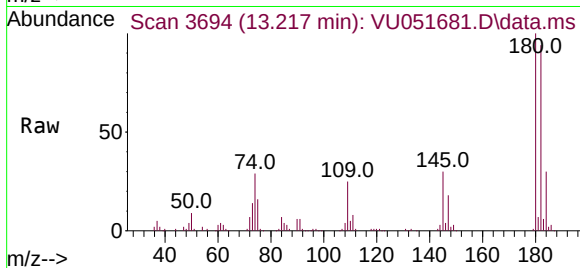




#69
 1,3,5-Trichlorobenzene
 Concen: 5.441 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU051681.D
 Acq: 02 Nov 2022 10:01

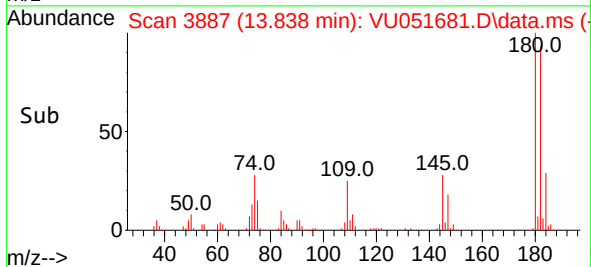
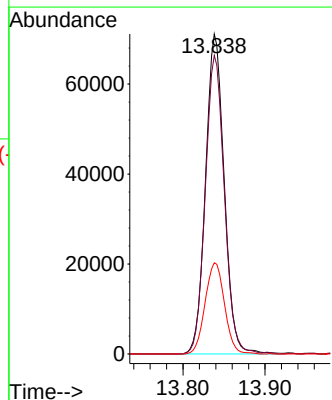
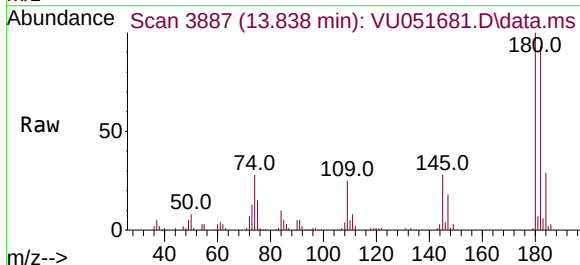
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005195

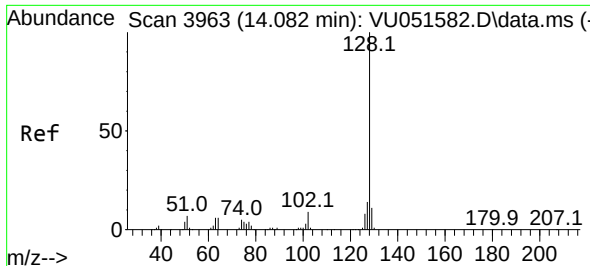
Tgt Ion:180	Resp:	148985	
Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.0	115.6
184	30.7	23.7	35.5
145	30.2	23.5	35.3



#70
 1,2,4-trichlorobenzene
 Concen: 5.351 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051681.D
 Acq: 02 Nov 2022 10:01

Tgt Ion:180	Resp:	112469	
Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.8	116.6
145	29.6	25.0	37.6

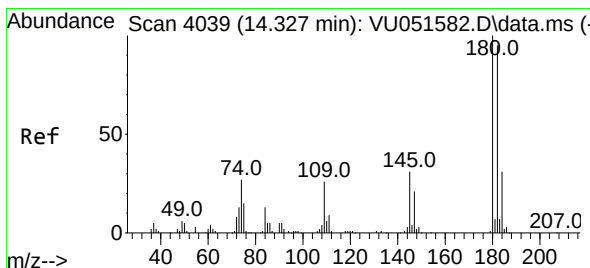
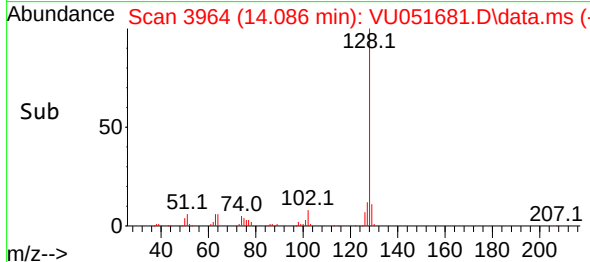
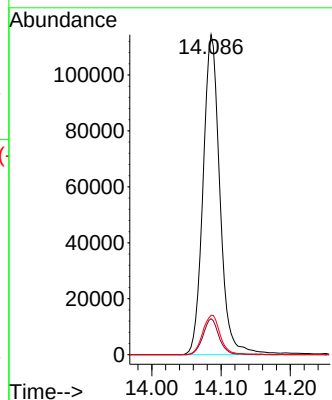
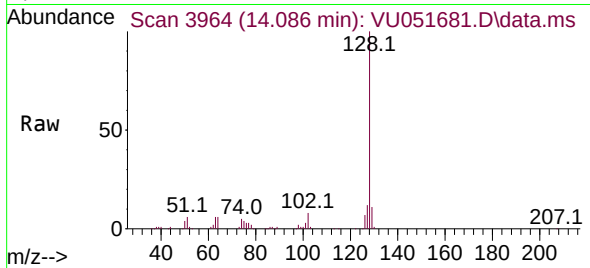




#71
Naphthalene
Concen: 4.925 ug/L
RT: 14.086 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

Tgt Ion:128 Resp: 193243
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 12.8 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.339 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051681.D
Acq: 02 Nov 2022 10:01

Tgt Ion:180 Resp: 113315
Ion Ratio Lower Upper
180 100
182 94.5 76.1 114.1
145 30.8 25.6 38.4

