

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
 Data File : VU046700.D
 Acq On : 08 Jan 2022 11:12
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005144

Quant Time: Jan 10 00:22:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 07 03:14:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85561	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	88562	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	50745	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	30059	4.460	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.912	69	24922	4.696	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.565	65	12802	4.505	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.652	46	101751	52.050	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.100%
24) Chloroform-d	5.060	84	63724	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.703	65	36136	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.726	84	121050	4.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.690	67	36798	4.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.899	98	109287	4.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.182	79	16716	4.872	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.639	63	101534	50.404	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.800%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39917	5.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	41911	4.484	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.379	85	56303	4.300	ug/L	100
3) Chloromethane	1.517	50	39860	3.535	ug/L	99
5) Vinyl chloride	1.600	62	42538	3.832	ug/L	100
6) Bromomethane	1.858	94	25697	3.846	ug/L	98
8) Chloroethane	1.932	64	26628	4.086	ug/L	97
9) Trichlorofluoromethane	2.137	101	69068	4.757	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	40394	5.465	ug/L	97
12) 1,1-Dichloroethene	2.578	96	34126	4.534	ug/L	78
13) Acetone	2.684	43	90741	49.509	ug/L	74
14) Carbon disulfide	2.793	76	76826	3.125	ug/L	99
15) Methyl Acetate	2.964	43	18562	5.014	ug/L	94
16) Methylene chloride	3.044	84	51652	5.640	ug/L	93
17) Methyl tert-butyl Ether	3.359	73	110047	5.012	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	35567	4.430	ug/L	95
19) 1,1-Dichloroethane	3.867	63	71901	4.861	ug/L	99
21) 2-Butanone	4.732	43	146812	52.797	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	42244	4.813	ug/L	96
23) Bromochloromethane	4.977	128	21243	4.863	ug/L	89
25) Chloroform	5.086	83	81202	5.082	ug/L	97

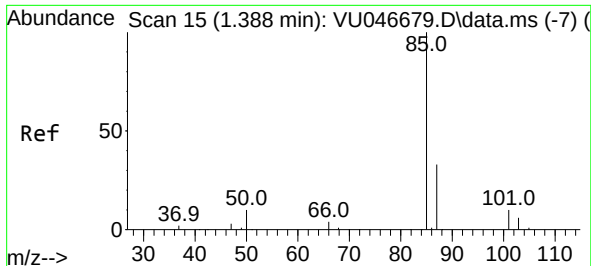
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
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 ClientSampleId :
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Quant Time: Jan 10 00:22:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 07 03:14:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	53963	4.731	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	68667	4.689	ug/L	98
30) Cyclohexane	5.388	56	49854	4.115	ug/L	94
31) Carbon tetrachloride	5.526	117	58297	4.744	ug/L	99
33) Benzene	5.774	78	159339	4.528	ug/L	100
34) Trichloroethene	6.542	95	41392	4.462	ug/L	98
35) Methylcyclohexane	6.764	83	58912	4.504	ug/L	95
37) 1,2-Dichloropropane	6.790	63	43448	4.841	ug/L #	97
38) Bromodichloromethane	7.105	83	60181	4.844	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	63606	4.681	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	328878	48.812	ug/L	94
42) Toluene	7.970	91	177955	4.927	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	59757	4.746	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	38983	5.036	ug/L	97
47) Tetrachloroethene	8.555	164	31732	4.834	ug/L	93
48) 2-Hexanone	8.690	43	248166	49.319	ug/L	97
49) Dibromochloromethane	8.812	129	45330	5.077	ug/L	98
50) 1,2-Dibromoethane	8.925	107	36236	4.850	ug/L #	98
51) Chlorobenzene	9.449	112	116031	5.026	ug/L	98
52) Ethylbenzene	9.571	91	188573	5.044	ug/L	99
53) m,p-Xylene	9.693	106	74322	5.189	ug/L	97
54) o-Xylene	10.102	106	72895	5.297	ug/L	98
55) Styrene	10.115	104	131545	5.511	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	51340	5.075	ug/L	97
59) Bromoform	10.291	173	28349	4.836	ug/L	98
60) Isopropylbenzene	10.484	105	196421	5.019	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	37972	4.506	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	160499	4.931	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	166409	5.077	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	97550	5.128	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	99525	5.110	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	94266	4.940	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	8381	4.296	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	75148	5.220	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	62039	5.087	ug/L	100
71) Naphthalene	14.086	128	122624	4.528	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	59281	4.910	ug/L	97

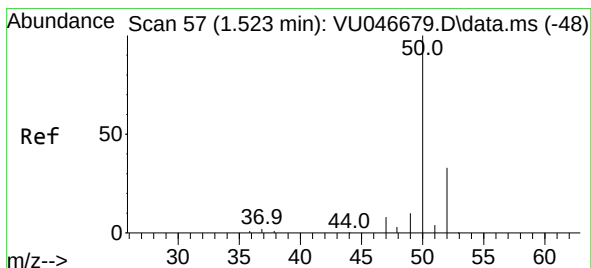
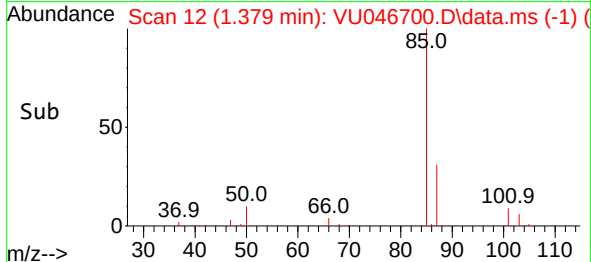
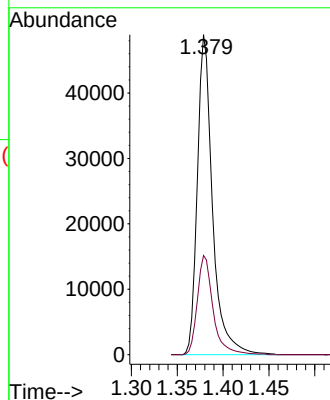
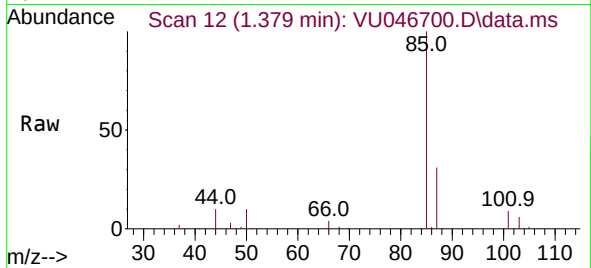
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.300 ug/L
 RT: 1.379 min Scan# 11
 Delta R.T. -0.010 min
 Lab File: VU046700.D
 Acq: 08 Jan 2022 11:12

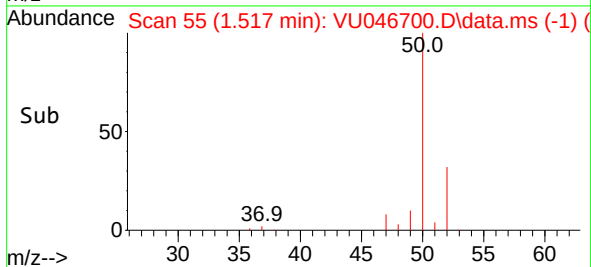
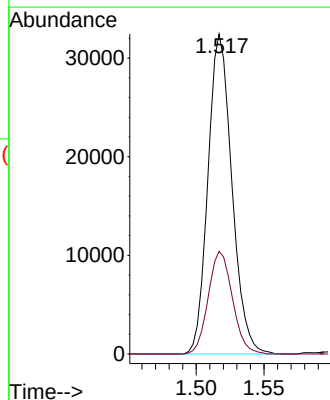
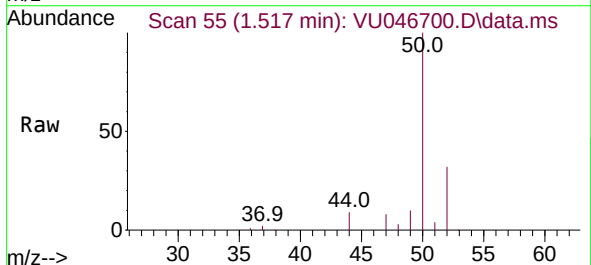
Instrument :
 MSVOA_U
 ClientSampleId :
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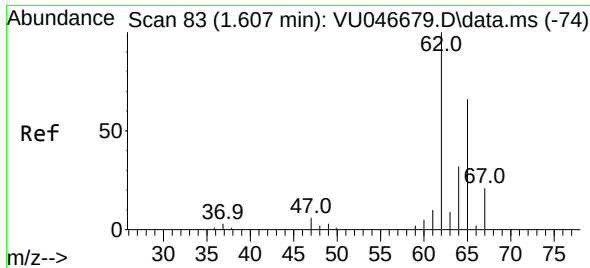
Tgt Ion: 85 Resp: 56303
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.6



#3
 Chloromethane
 Concen: 3.535 ug/L
 RT: 1.517 min Scan# 55
 Delta R.T. -0.007 min
 Lab File: VU046700.D
 Acq: 08 Jan 2022 11:12

Tgt Ion: 50 Resp: 39860
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.0 42.8

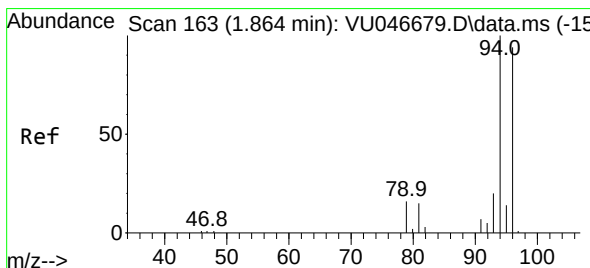
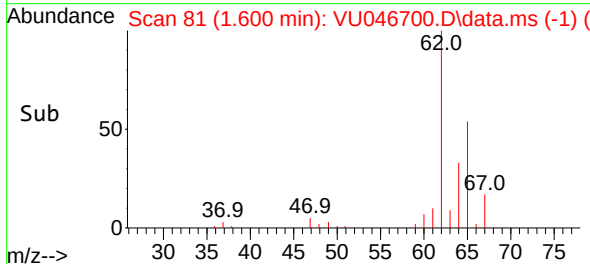
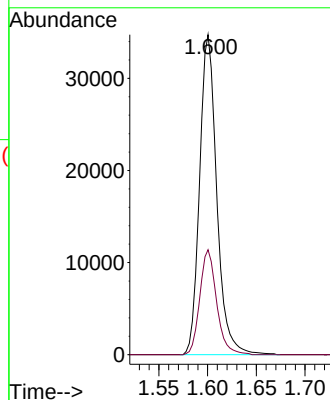
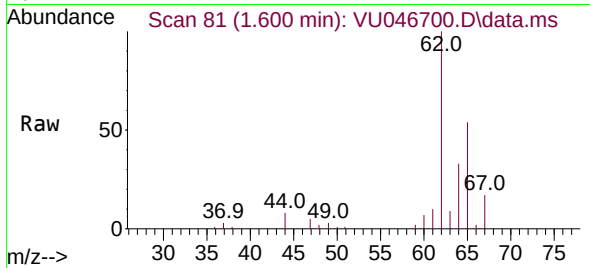




#5
 Vinyl chloride
 Concen: 3.832 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VU046700.D
 Acq: 08 Jan 2022 11:12

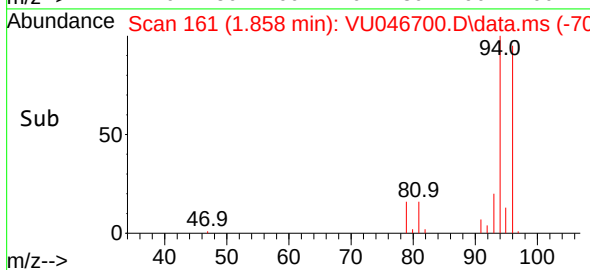
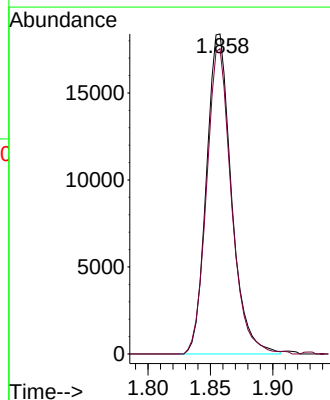
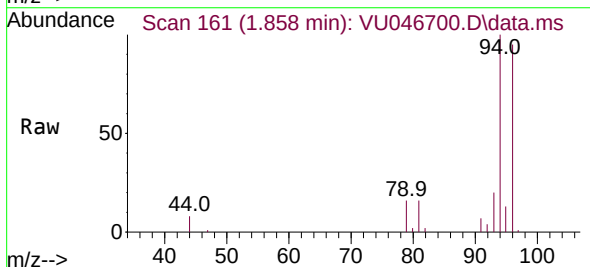
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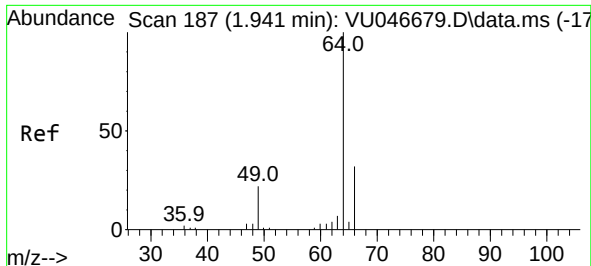
Tgt Ion: 62 Resp: 42538
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.9 42.5



#6
 Bromomethane
 Concen: 3.846 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.007 min
 Lab File: VU046700.D
 Acq: 08 Jan 2022 11:12

Tgt Ion: 94 Resp: 25697
 Ion Ratio Lower Upper
 94 100
 96 95.4 65.5 121.6

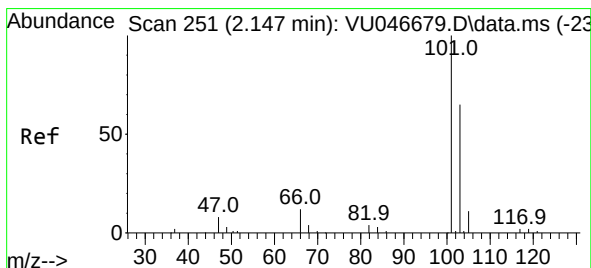
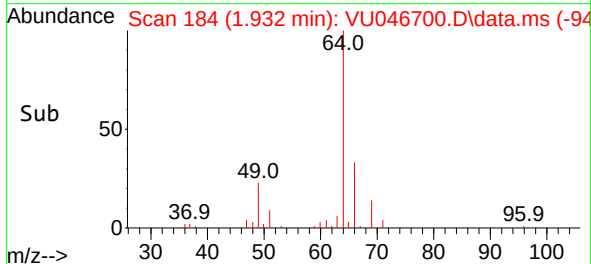
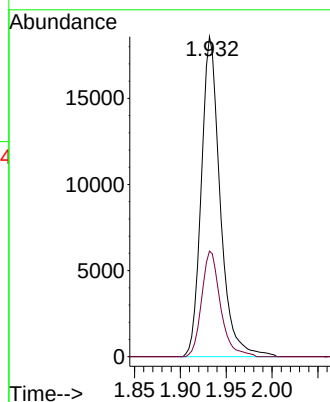
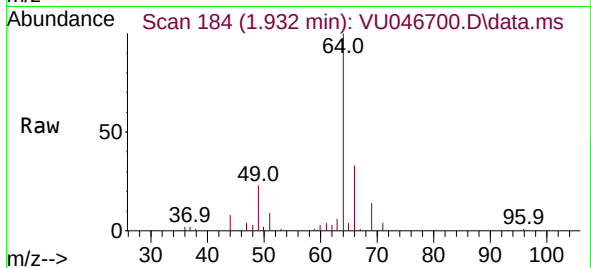




#8
Chloroethane
Concen: 4.086 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

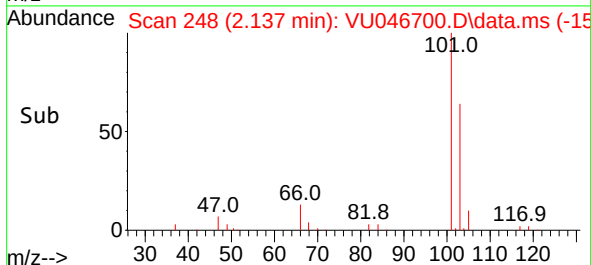
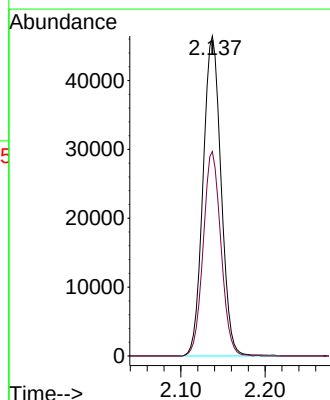
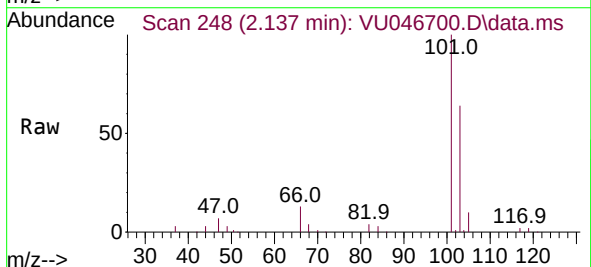
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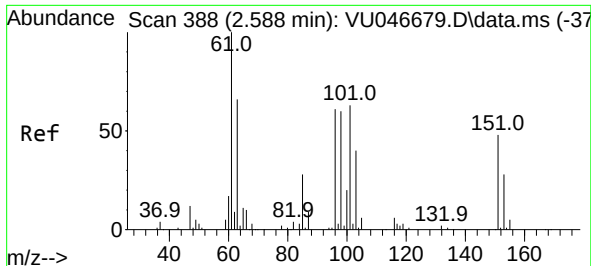
Tgt Ion: 64 Resp: 26628
Ion Ratio Lower Upper
64 100
66 33.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.757 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.010 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

Tgt Ion:101 Resp: 69068
Ion Ratio Lower Upper
101 100
103 63.0 51.5 77.3

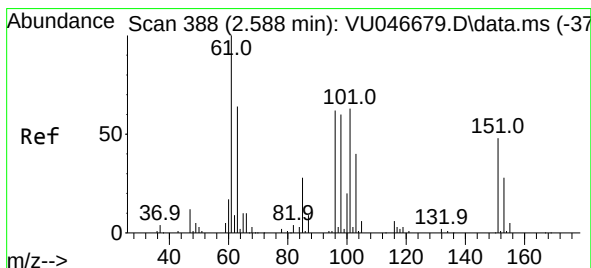
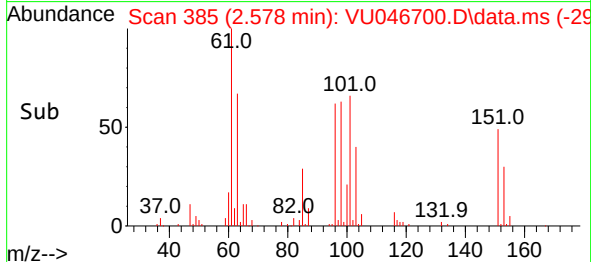
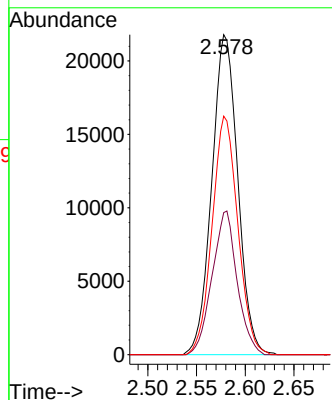
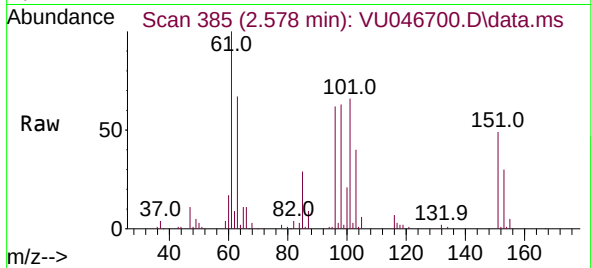




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.465 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU046700.D
 Acq: 08 Jan 2022 11:12

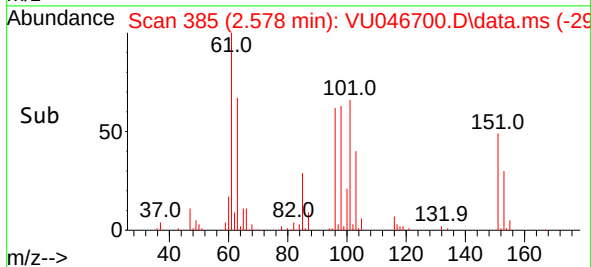
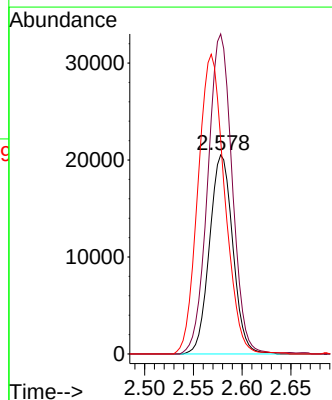
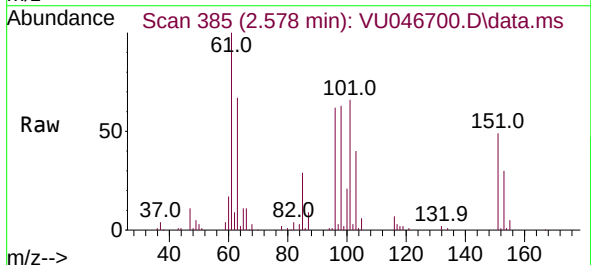
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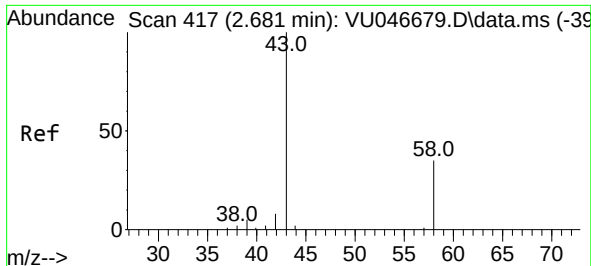
Tgt Ion:101 Resp: 40394
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.6 51.8
 151 73.8 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 4.534 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU046700.D
 Acq: 08 Jan 2022 11:12

Tgt Ion: 96 Resp: 34126
 Ion Ratio Lower Upper
 96 100
 61 160.8 124.7 231.5
 63 107.6 105.2 195.4





#13

Acetone

Concen: 49.509 ug/L

RT: 2.684 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU046700.D

Acq: 08 Jan 2022 11:12

Instrument :

MSVOA_U

ClientSampleId :

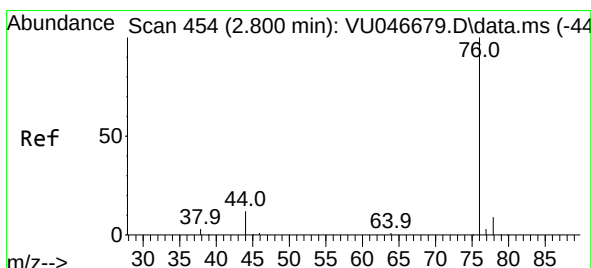
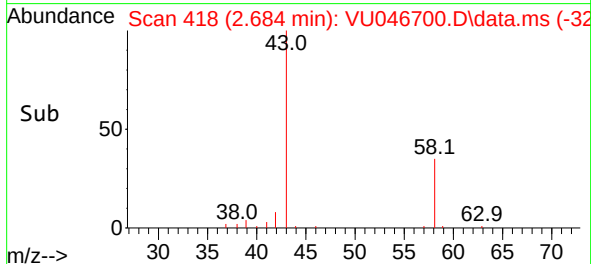
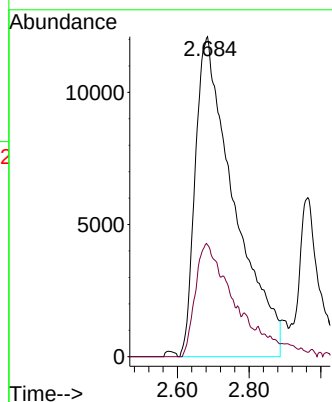
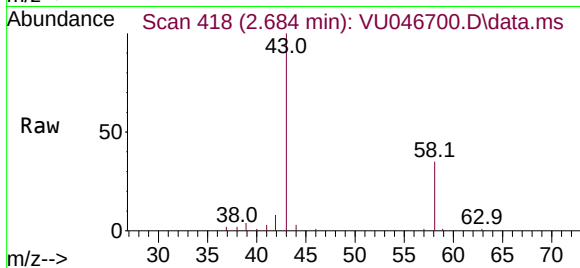
VSTD005144

Tgt Ion: 43 Resp: 90741

Ion Ratio Lower Upper

43 100

58 20.4 0.0 71.6



#14

Carbon disulfide

Concen: 3.125 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.007 min

Lab File: VU046700.D

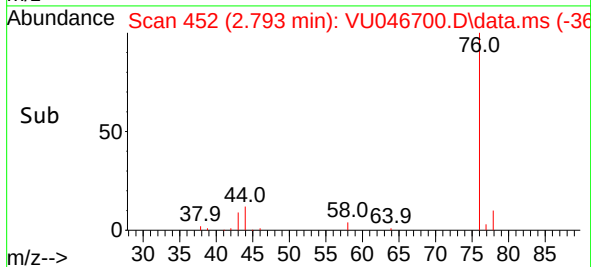
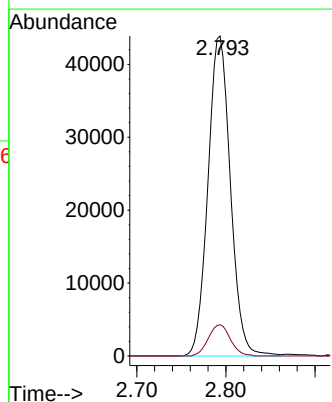
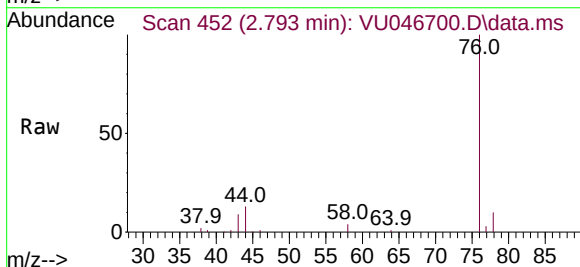
Acq: 08 Jan 2022 11:12

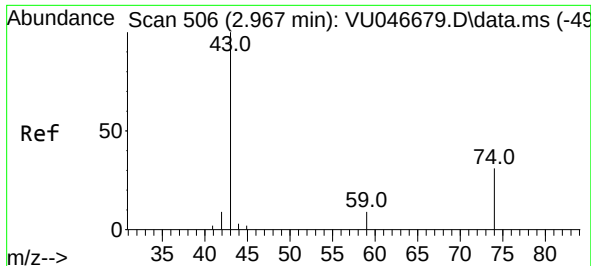
Tgt Ion: 76 Resp: 76826

Ion Ratio Lower Upper

76 100

78 9.8 7.5 11.3

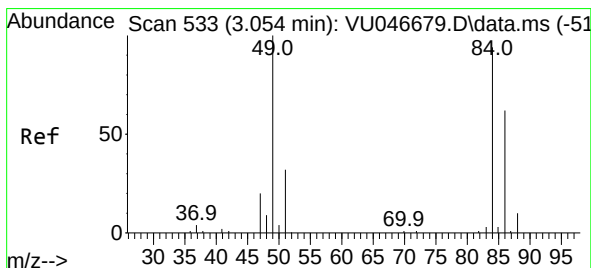
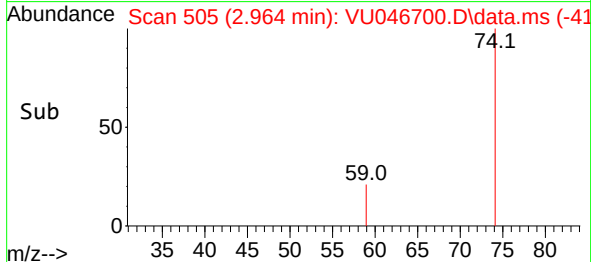
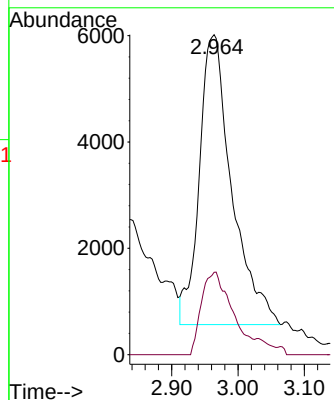
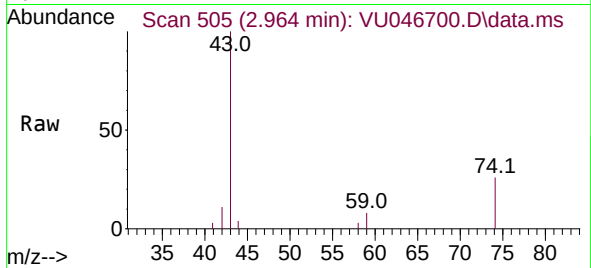




#15
Methyl Acetate
Concen: 5.014 ug/L
RT: 2.964 min Scan# 506
Delta R.T. -0.003 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

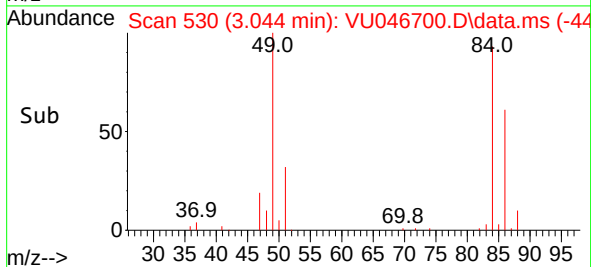
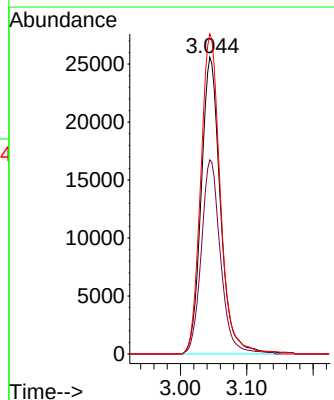
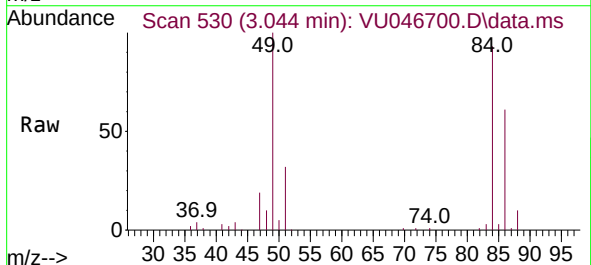
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

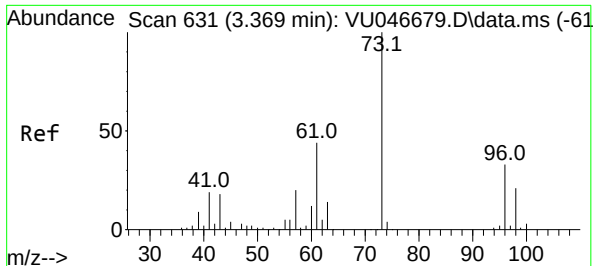
Tgt Ion: 43 Resp: 18562
Ion Ratio Lower Upper
43 100
74 26.9 19.1 28.7



#16
Methylene chloride
Concen: 5.640 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.010 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

Tgt Ion: 84 Resp: 51652
Ion Ratio Lower Upper
84 100
86 65.4 45.8 85.0
49 107.9 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.012 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.010 min

Lab File: VU046700.D

Acq: 08 Jan 2022 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTD005144

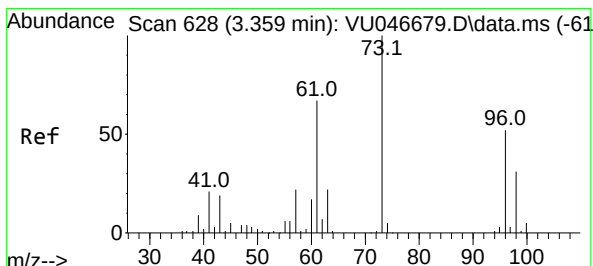
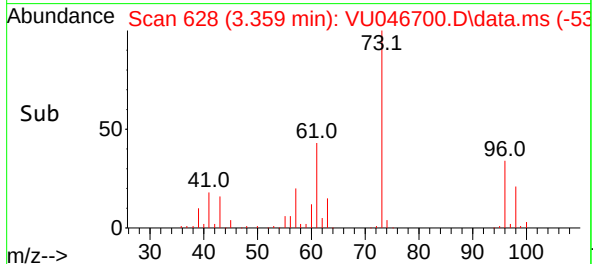
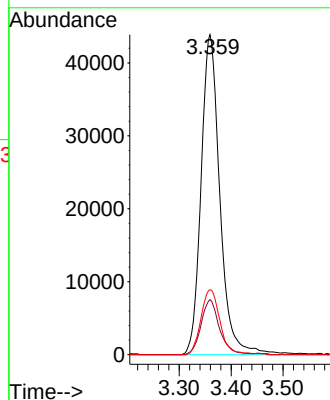
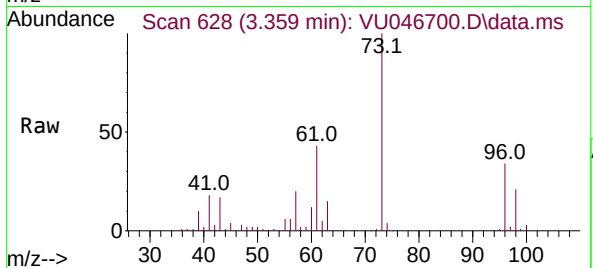
Tgt Ion: 73 Resp: 110047

Ion Ratio Lower Upper

73 100

43 16.9 14.8 22.2

57 20.4 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.430 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.007 min

Lab File: VU046700.D

Acq: 08 Jan 2022 11:12

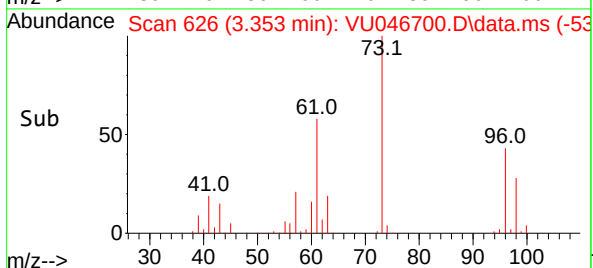
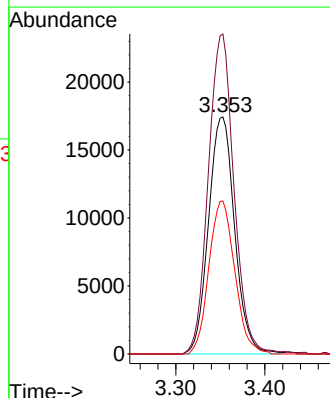
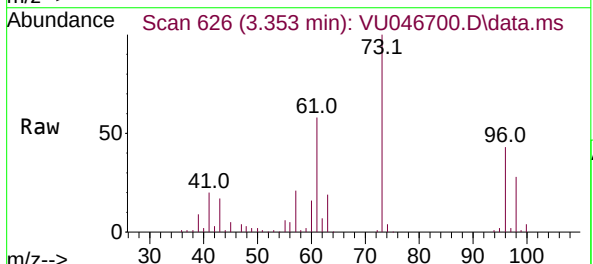
Tgt Ion: 96 Resp: 35567

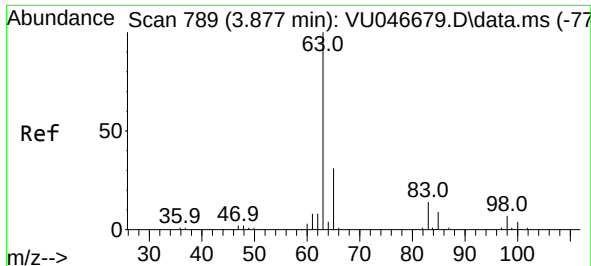
Ion Ratio Lower Upper

96 100

61 135.1 100.8 187.2

98 64.5 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.861 ug/L

RT: 3.867 min Scan# 71901

Delta R.T. -0.010 min

Lab File: VU046700.D

Acq: 08 Jan 2022 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTD005144

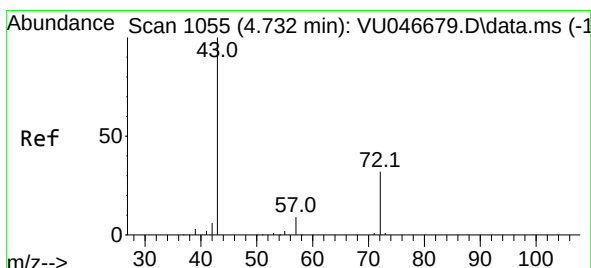
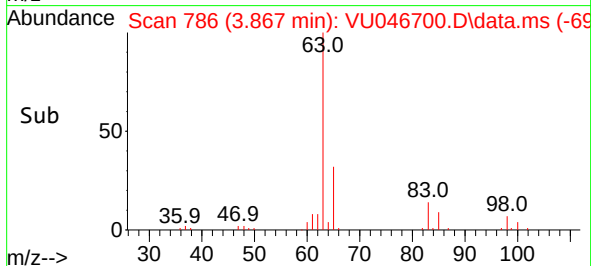
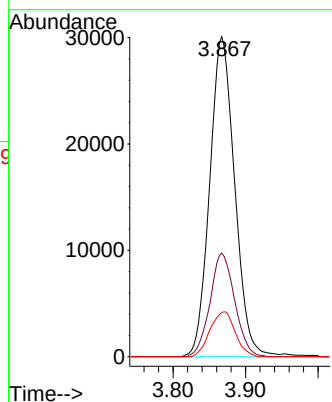
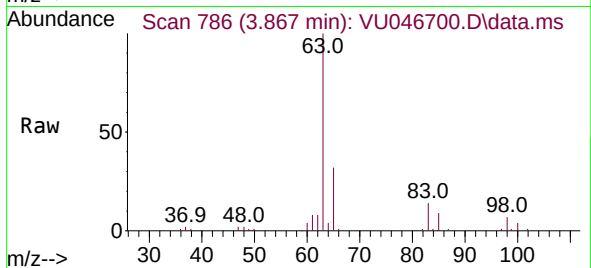
Tgt Ion: 63 Resp: 71901

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.5

83 13.8 9.6 17.8



#21

2-Butanone

Concen: 52.797 ug/L

RT: 4.732 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VU046700.D

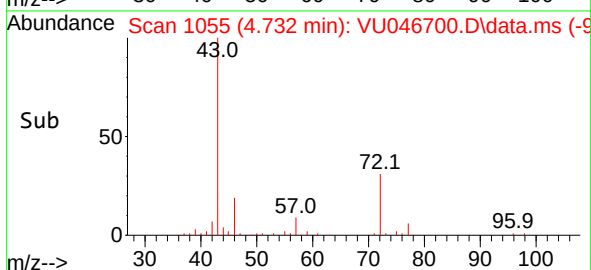
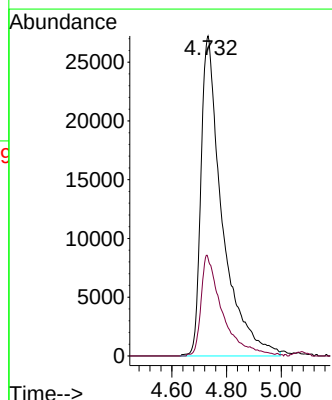
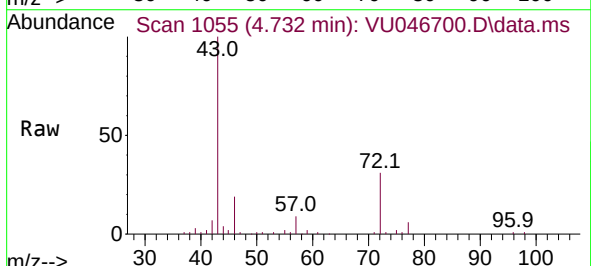
Acq: 08 Jan 2022 11:12

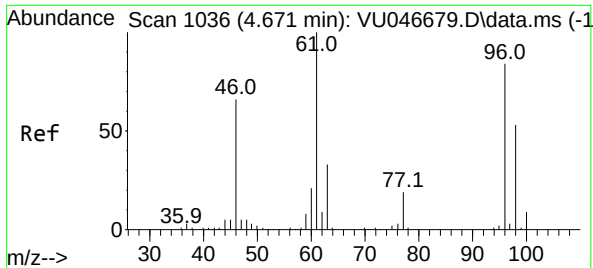
Tgt Ion: 43 Resp: 146812

Ion Ratio Lower Upper

43 100

72 29.8 14.1 42.3

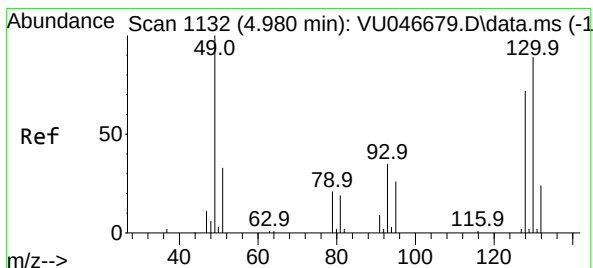
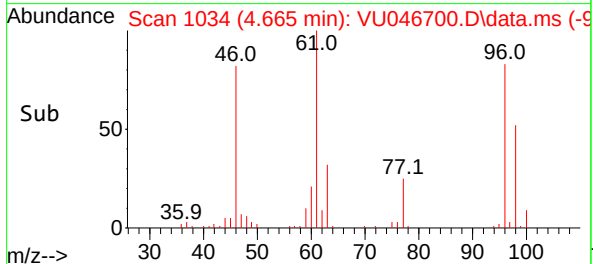
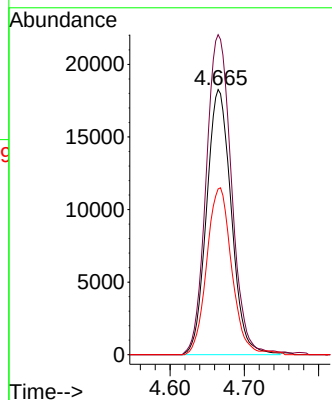
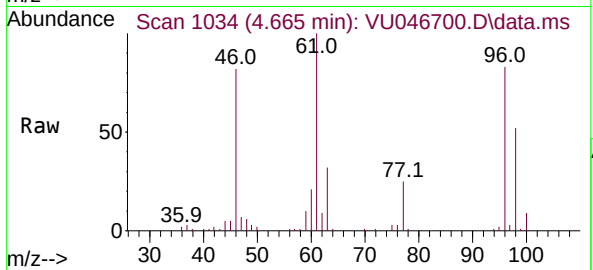




#22
 cis-1,2-Dichloroethene
 Concen: 4.813 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.007 min
 Lab File: VU046700.D
 Acq: 08 Jan 2022 11:12

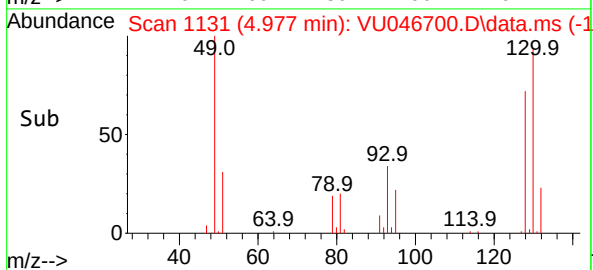
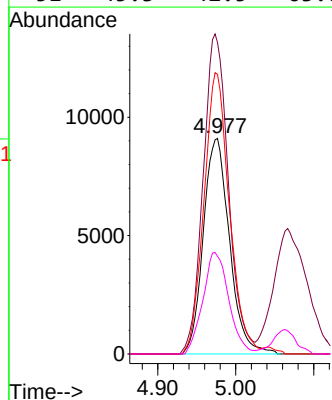
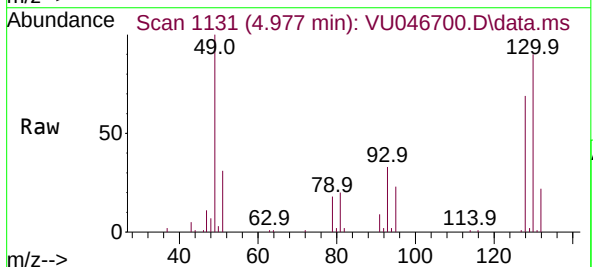
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005144

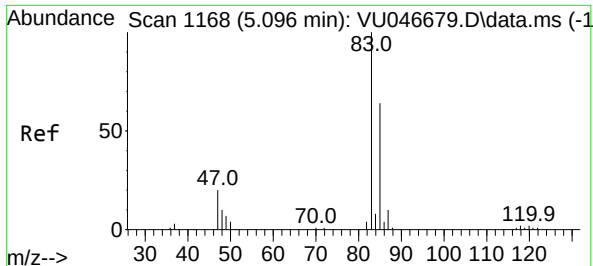
Tgt Ion: 96 Resp: 42244
 Ion Ratio Lower Upper
 96 100
 61 120.7 88.5 164.3
 98 62.5 44.4 82.5



#23
 Bromochloromethane
 Concen: 4.863 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. -0.003 min
 Lab File: VU046700.D
 Acq: 08 Jan 2022 11:12

Tgt Ion: 128 Resp: 21243
 Ion Ratio Lower Upper
 128 100
 49 144.6 117.0 217.2
 130 129.7 88.2 163.8
 51 45.3 42.5 63.7





#25

Chloroform

Concen: 5.082 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.010 min

Lab File: VU046700.D

Acq: 08 Jan 2022 11:12

Instrument :

MSVOA_U

ClientSampleId :

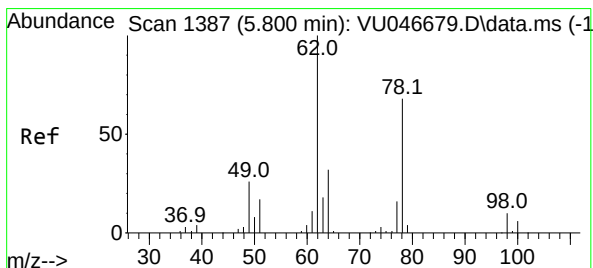
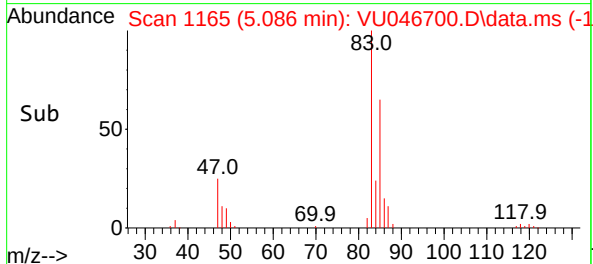
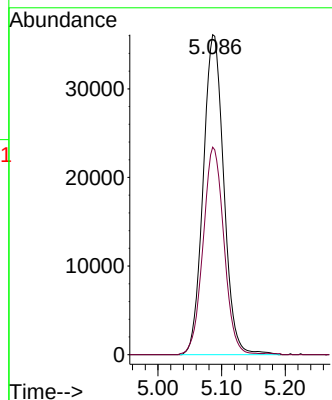
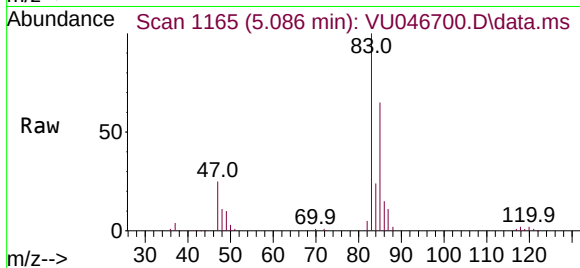
VSTD005144

Tgt Ion: 83 Resp: 81202

Ion Ratio Lower Upper

83 100

85 64.9 46.9 87.1



#27

1,2-Dichloroethane

Concen: 4.731 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.007 min

Lab File: VU046700.D

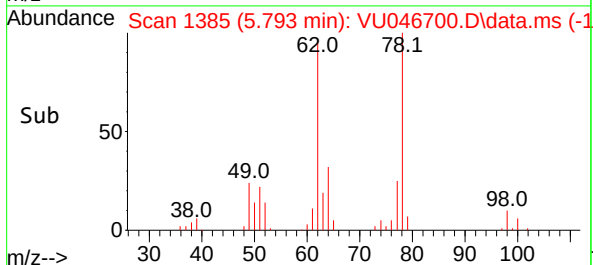
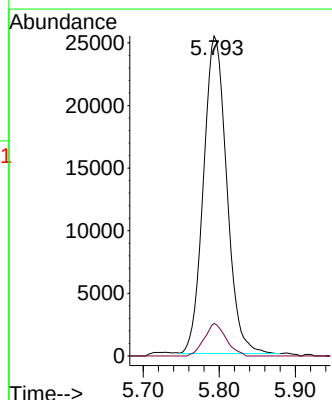
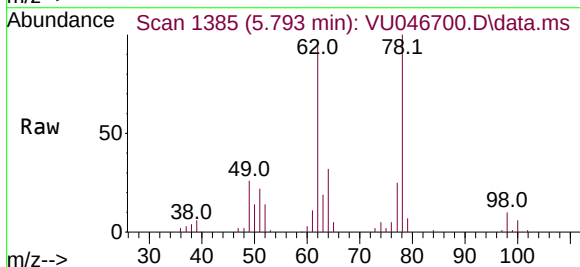
Acq: 08 Jan 2022 11:12

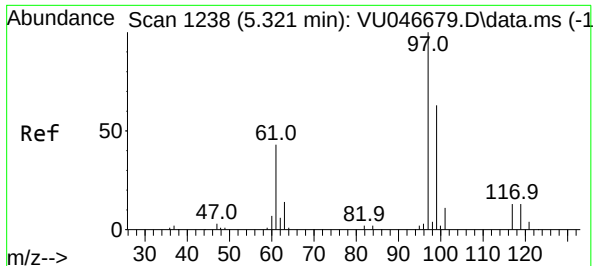
Tgt Ion: 62 Resp: 53963

Ion Ratio Lower Upper

62 100

98 10.1 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.689 ug/L

RT: 5.317 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046700.D

Acq: 08 Jan 2022 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTD005144

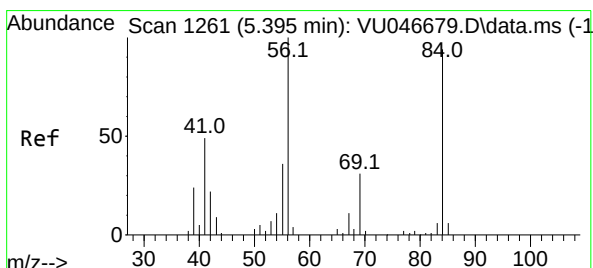
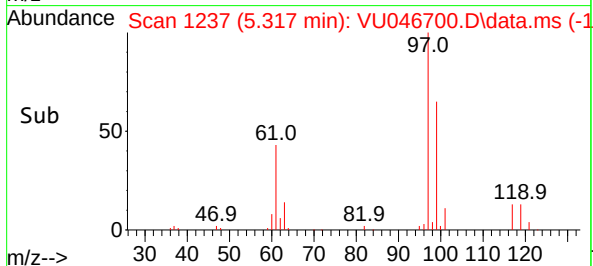
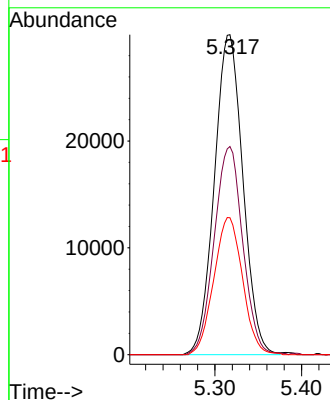
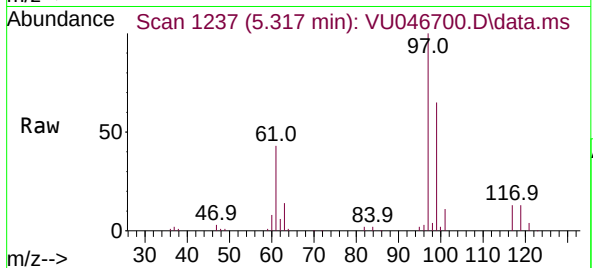
Tgt Ion: 97 Resp: 68667

Ion Ratio Lower Upper

97 100

99 65.1 51.3 76.9

61 43.1 36.1 54.1



#30

Cyclohexane

Concen: 4.115 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.007 min

Lab File: VU046700.D

Acq: 08 Jan 2022 11:12

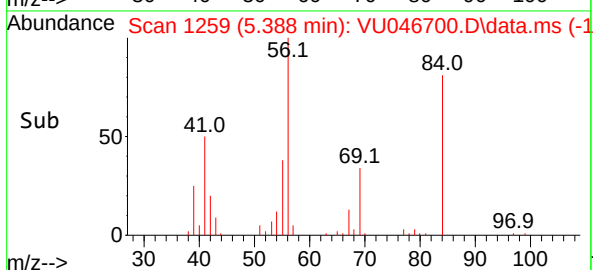
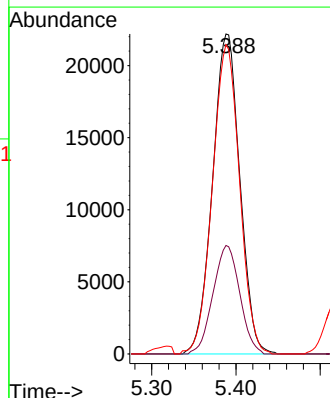
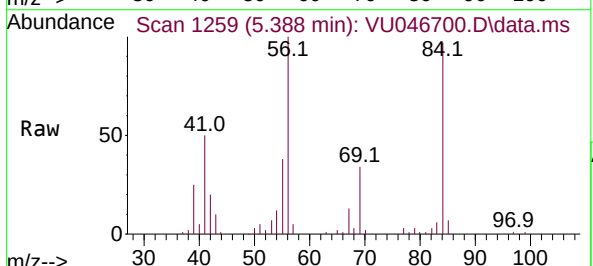
Tgt Ion: 56 Resp: 49854

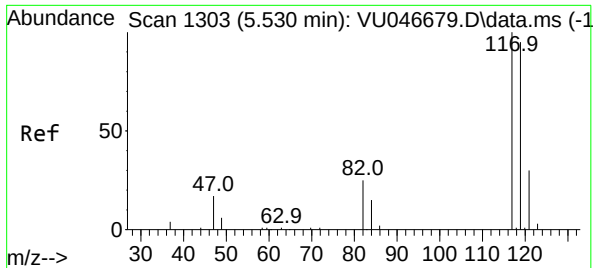
Ion Ratio Lower Upper

56 100

69 33.2 24.7 37.1

84 96.2 71.8 107.6

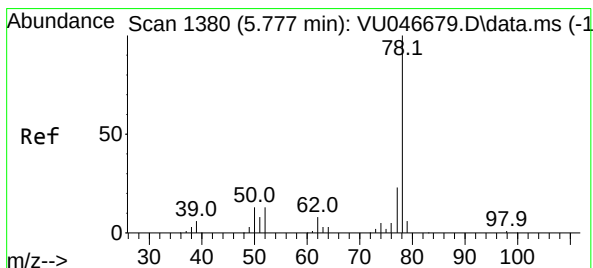
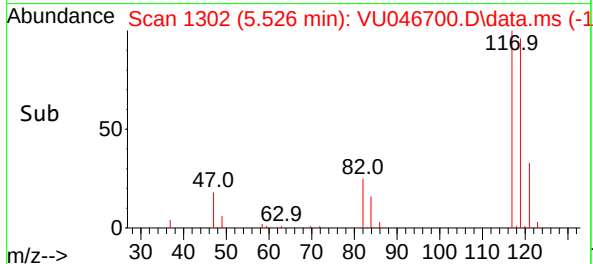
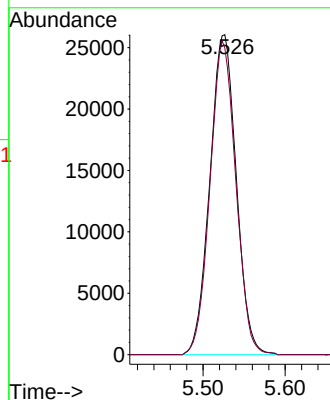
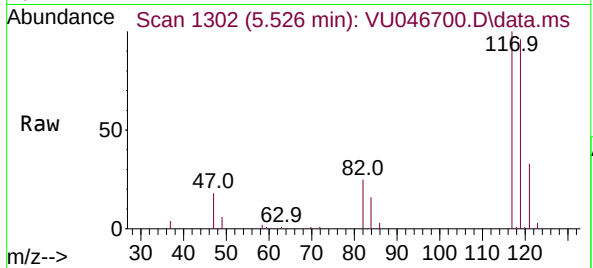




#31
Carbon tetrachloride
Concen: 4.744 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

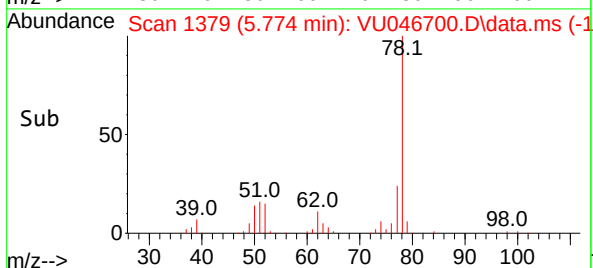
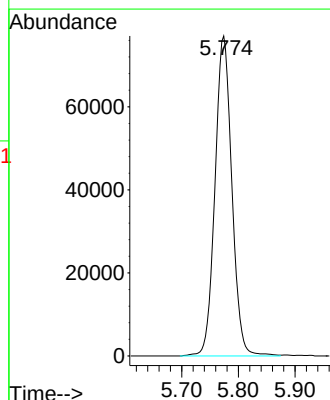
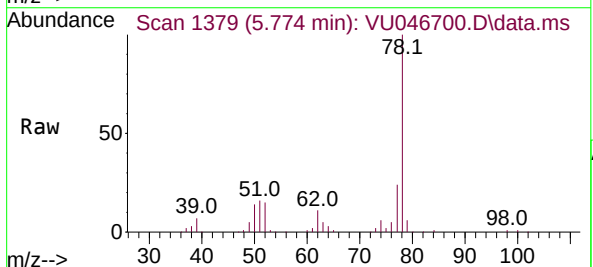
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

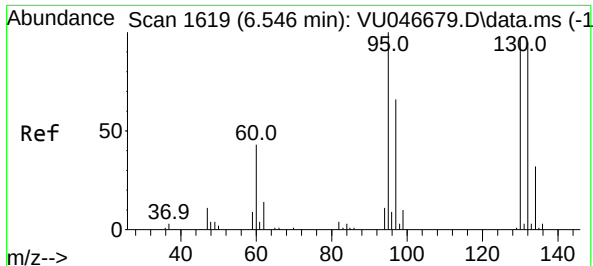
Tgt Ion:117 Resp: 58297
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3



#33
Benzene
Concen: 4.528 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

Tgt Ion: 78 Resp: 159339



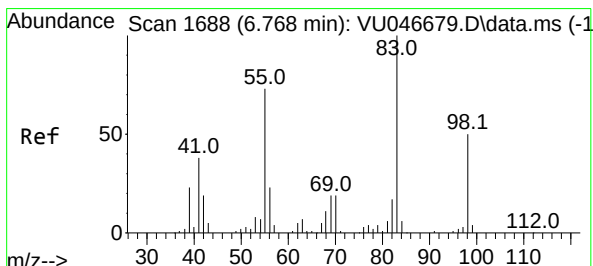
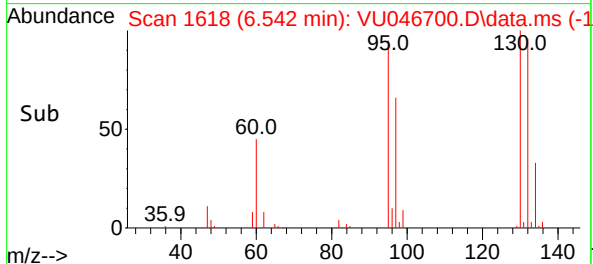
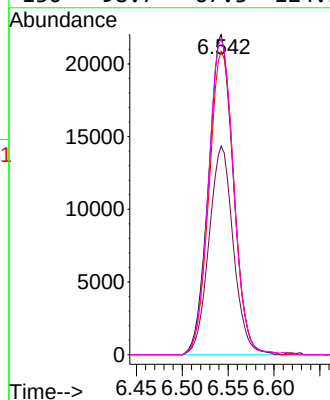
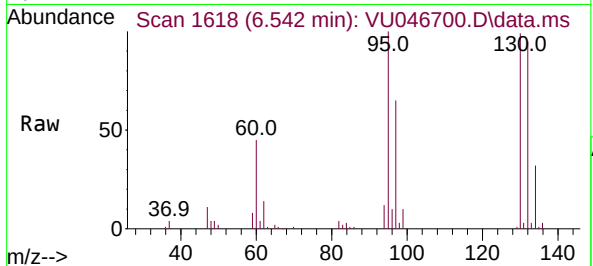


#34
Trichloroethene
Concen: 4.462 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

Tgt Ion: 95 Resp: 41392

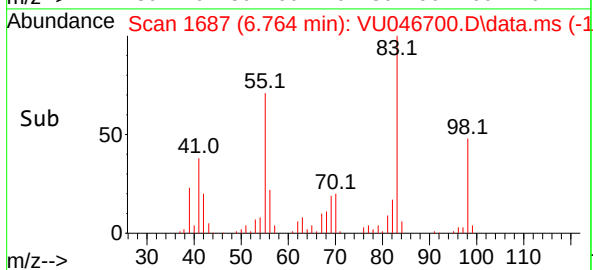
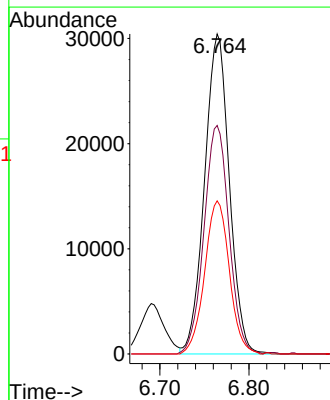
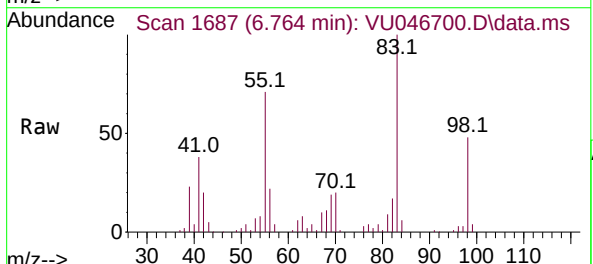
Ion	Ratio	Lower	Upper
95	100		
97	65.2	46.5	86.5
132	94.8	65.1	120.9
130	98.7	67.3	124.9

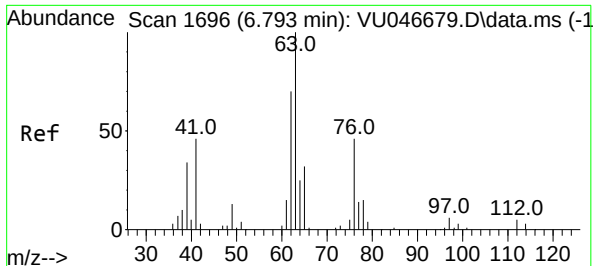


#35
Methylcyclohexane
Concen: 4.504 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

Tgt Ion: 83 Resp: 58912

Ion	Ratio	Lower	Upper
83	100		
55	71.9	61.9	92.9
98	47.5	39.0	58.6





#37

1,2-Dichloropropane

Concen: 4.841 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046700.D

Acq: 08 Jan 2022 11:12

Instrument :

MSVOA_U

ClientSampleId :

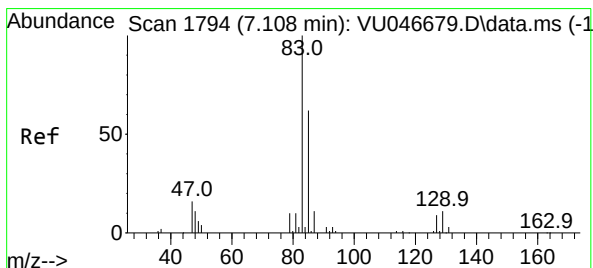
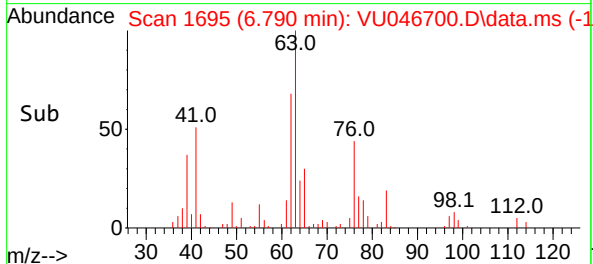
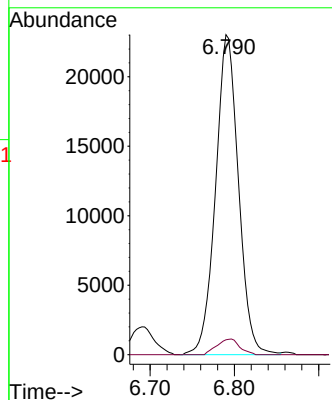
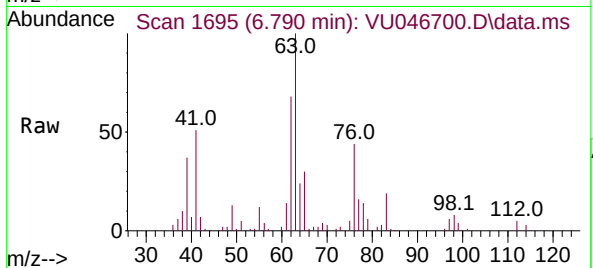
VSTD005144

Tgt Ion: 63 Resp: 43448

Ion Ratio Lower Upper

63 100

112 4.8 3.2 4.8#



#38

Bromodichloromethane

Concen: 4.844 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU046700.D

Acq: 08 Jan 2022 11:12

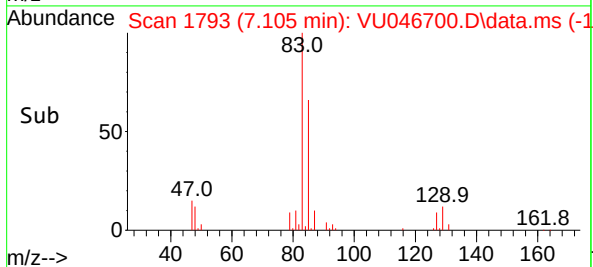
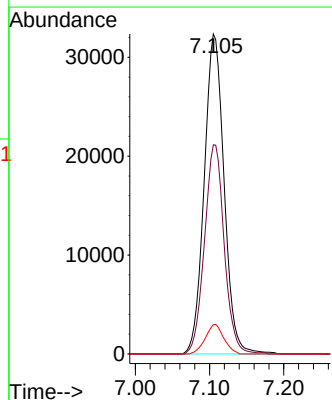
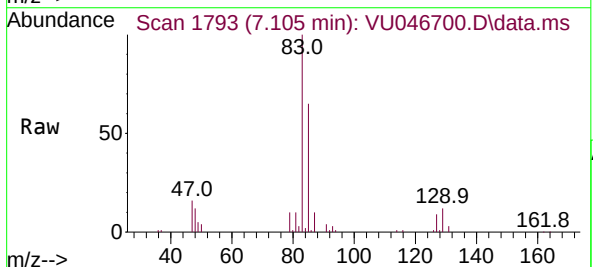
Tgt Ion: 83 Resp: 60181

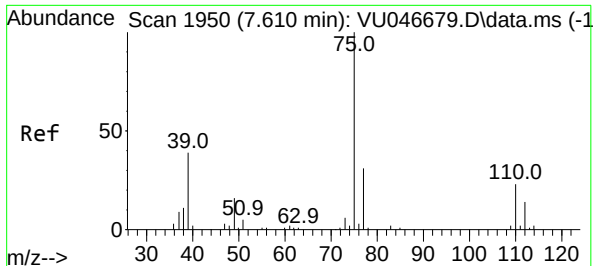
Ion Ratio Lower Upper

83 100

85 65.4 44.0 81.8

127 9.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.681 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU046700.D

Acq: 08 Jan 2022 11:12

Instrument :

MSVOA_U

ClientSampleId :

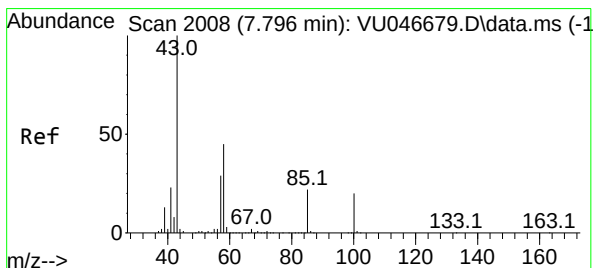
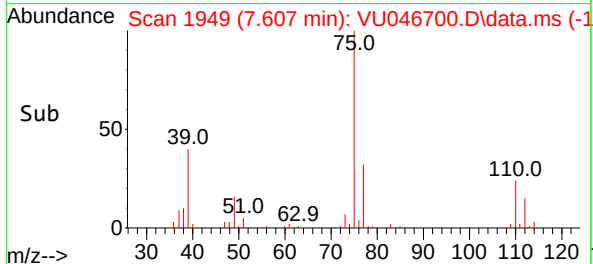
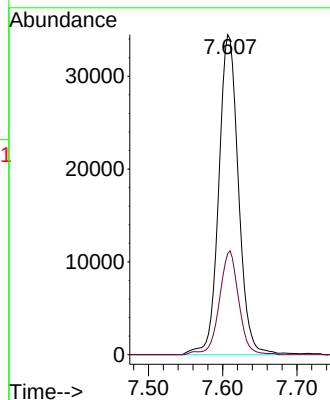
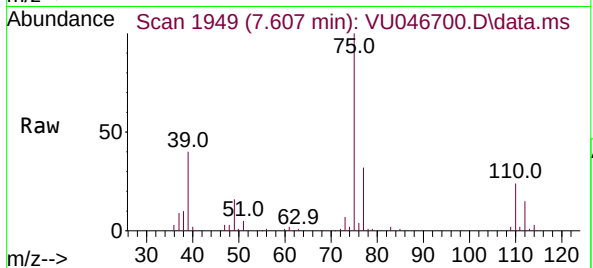
VSTD005144

Tgt Ion: 75 Resp: 63606

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 48.812 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU046700.D

Acq: 08 Jan 2022 11:12

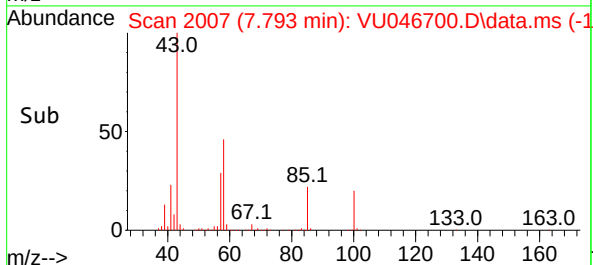
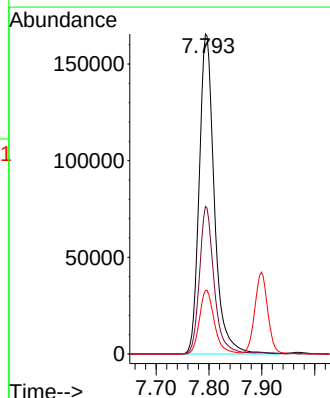
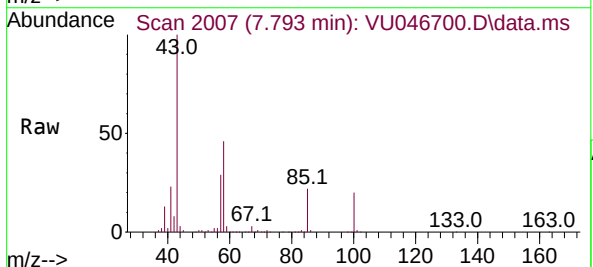
Tgt Ion: 43 Resp: 328878

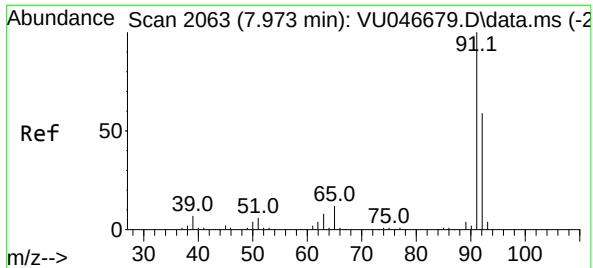
Ion Ratio Lower Upper

43 100

58 44.6 33.1 49.7

100 19.7 13.2 19.8





#42

Toluene

Concen: 4.927 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046700.D

Acq: 08 Jan 2022 11:12

Instrument :

MSVOA_U

ClientSampleId :

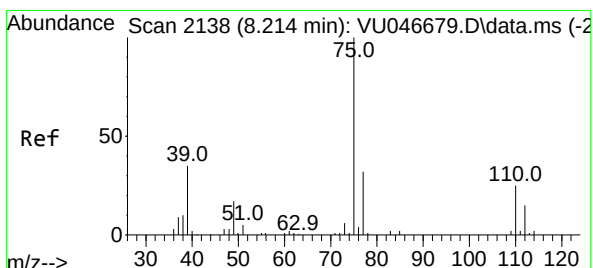
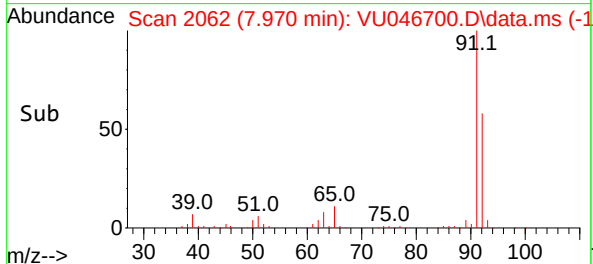
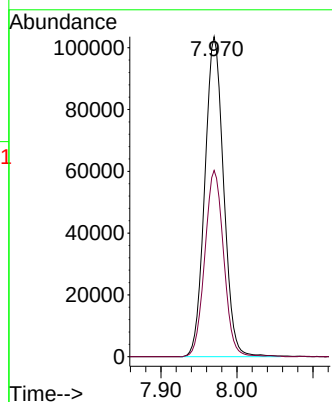
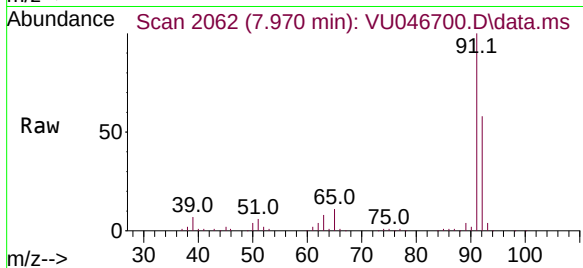
VSTD005144

Tgt Ion: 91 Resp: 177955

Ion Ratio Lower Upper

91 100

92 58.2 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.746 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046700.D

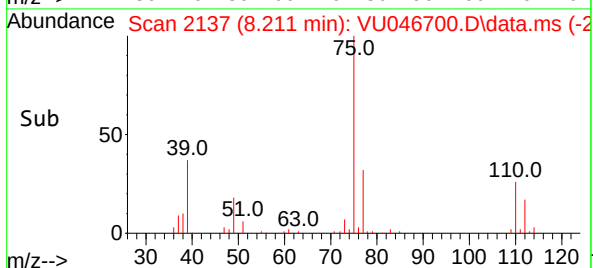
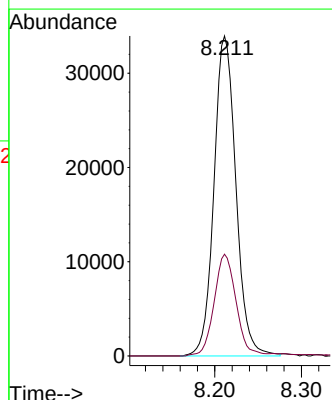
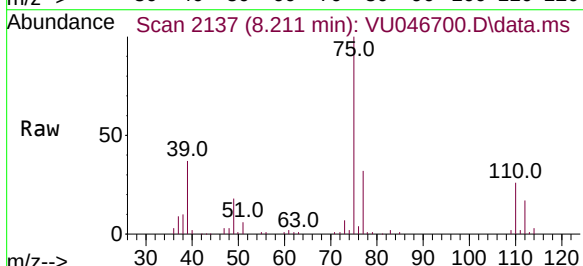
Acq: 08 Jan 2022 11:12

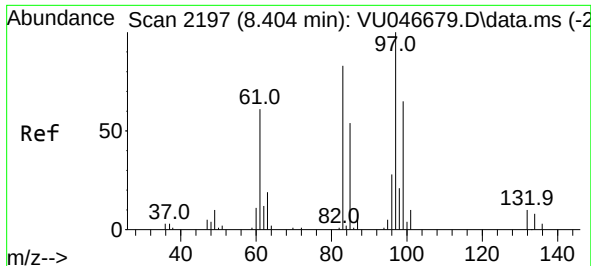
Tgt Ion: 75 Resp: 59757

Ion Ratio Lower Upper

75 100

77 31.8 22.7 42.3

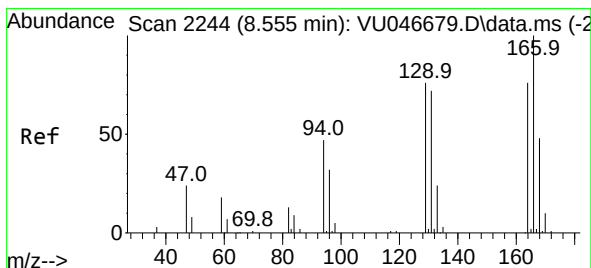
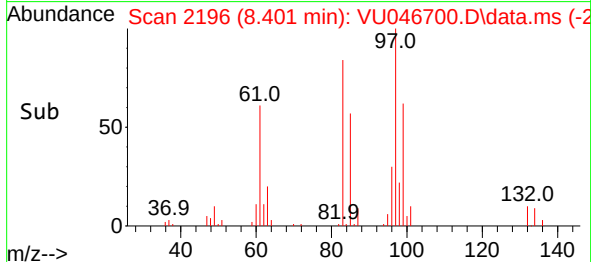
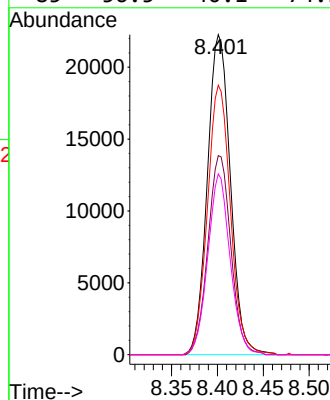
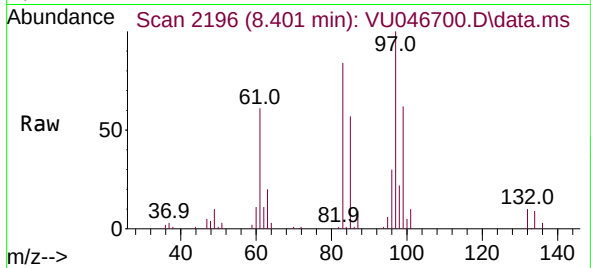




#45
1,1,2-Trichloroethane
Concen: 5.036 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

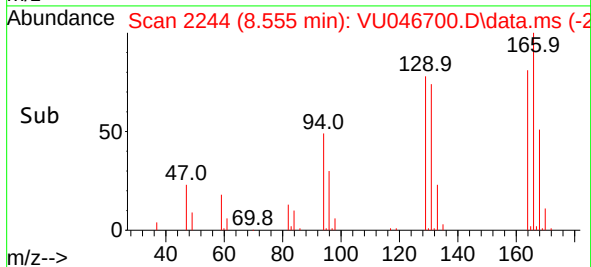
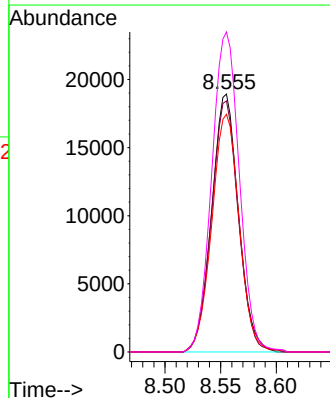
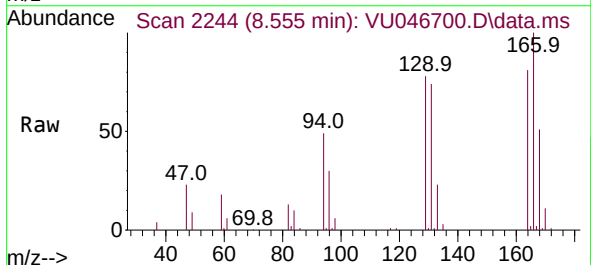
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

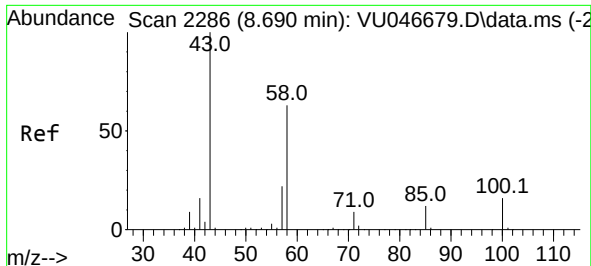
Tgt Ion:	97	Resp:	38983
Ion	Ratio	Lower	Upper
97	100		
99	62.2	42.3	78.5
83	84.2	62.0	115.2
85	56.5	40.1	74.5



#47
Tetrachloroethene
Concen: 4.834 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

Tgt Ion:	164	Resp:	31732
Ion	Ratio	Lower	Upper
164	100		
129	97.3	71.8	133.4
131	92.2	68.5	127.3
166	124.0	94.1	174.8

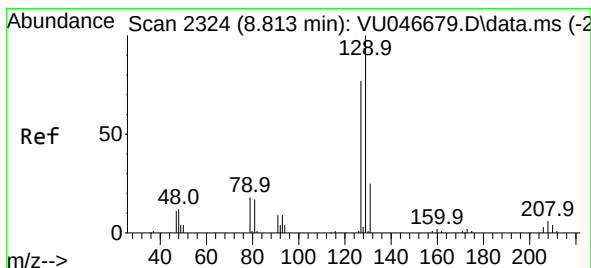
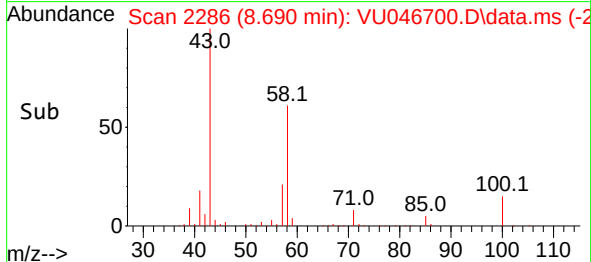
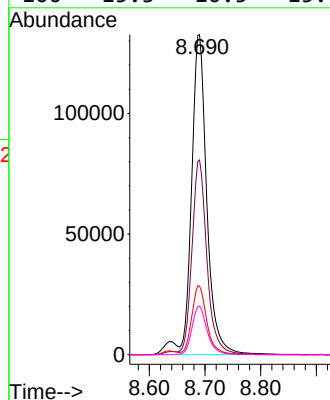
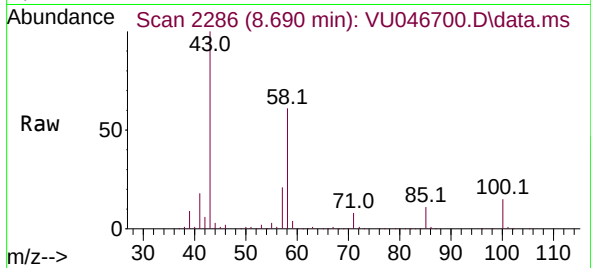




#48
2-Hexanone
Concen: 49.319 ug/L
RT: 8.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

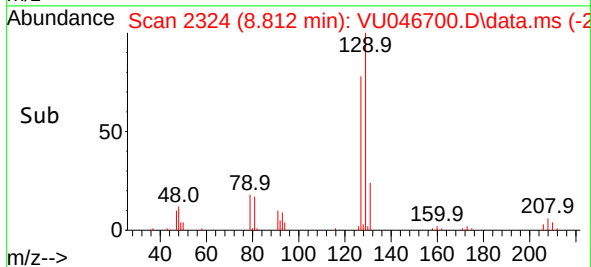
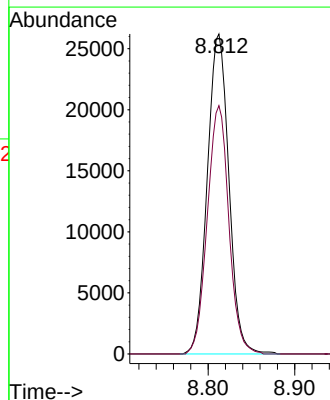
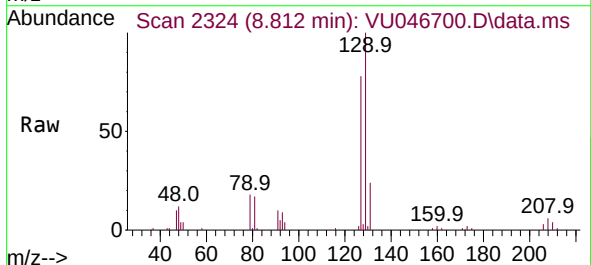
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

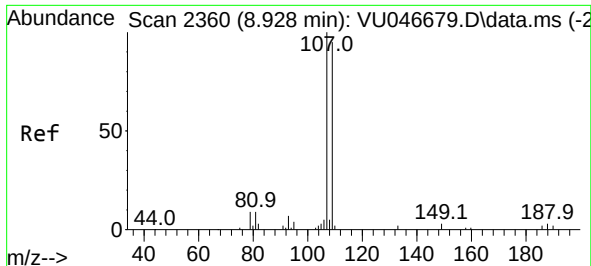
Tgt Ion:	43	Resp:	248166
Ion	Ratio	Lower	Upper
43	100		
58	59.9	46.7	70.1
57	21.8	16.3	24.5
100	15.3	10.5	15.7



#49
Dibromochloromethane
Concen: 5.077 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

Tgt Ion:	129	Resp:	45330
Ion	Ratio	Lower	Upper
129	100		
127	77.6	55.4	102.8

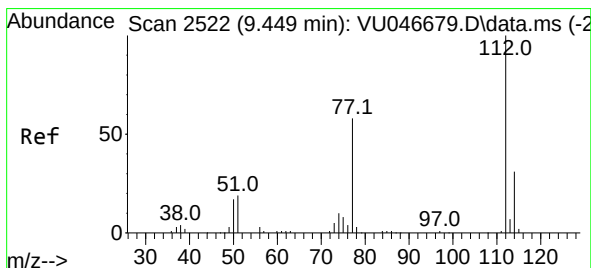
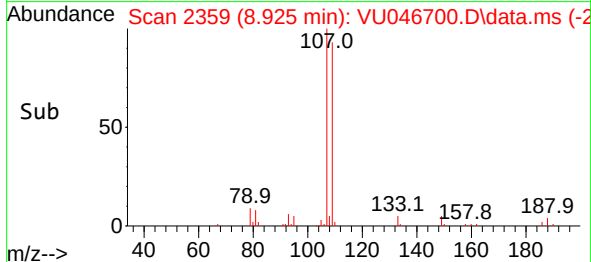
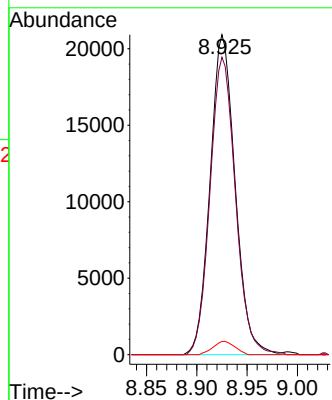
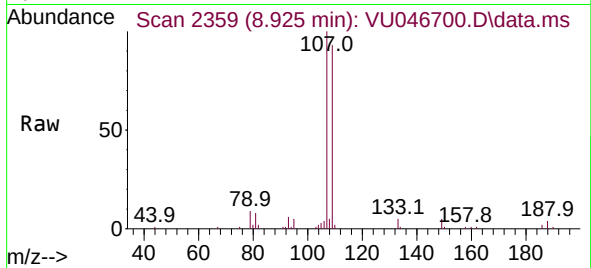




#50
1,2-Dibromoethane
Concen: 4.850 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

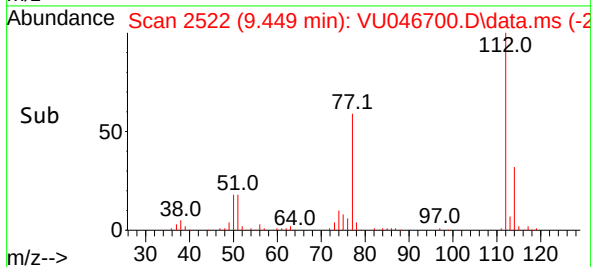
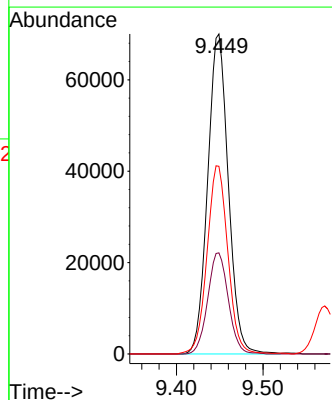
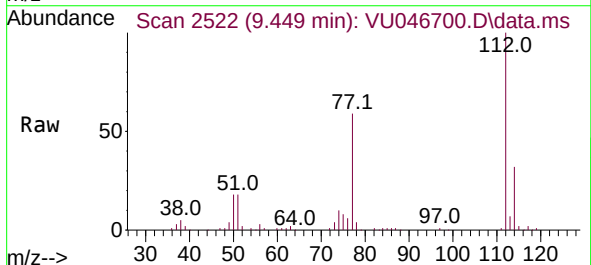
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

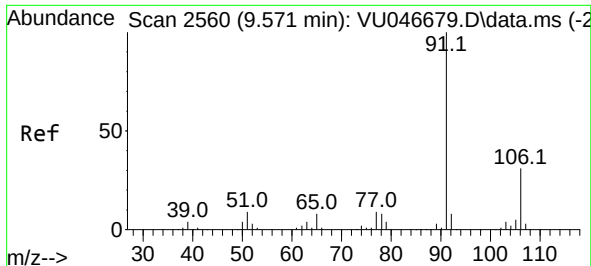
Tgt Ion:107 Resp: 36236
Ion Ratio Lower Upper
107 100
109 93.0 64.0 119.0
188 4.1 2.4 3.6#



#51
Chlorobenzene
Concen: 5.026 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

Tgt Ion:112 Resp: 116031
Ion Ratio Lower Upper
112 100
114 31.6 22.1 41.1
77 58.7 48.3 72.5

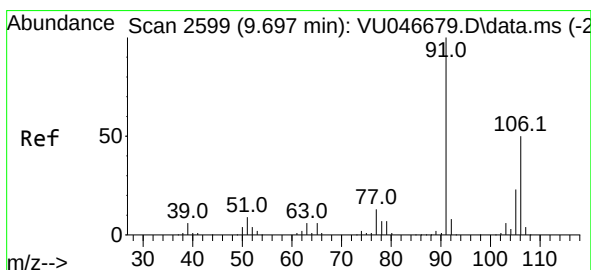
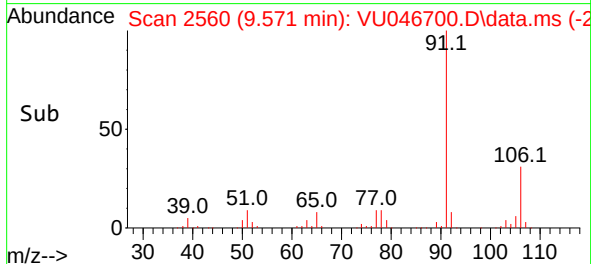
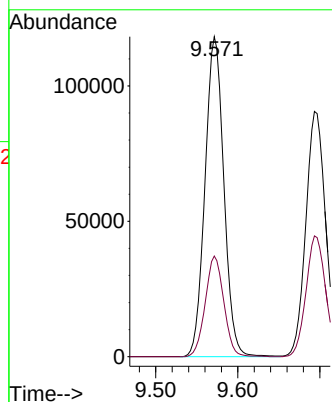
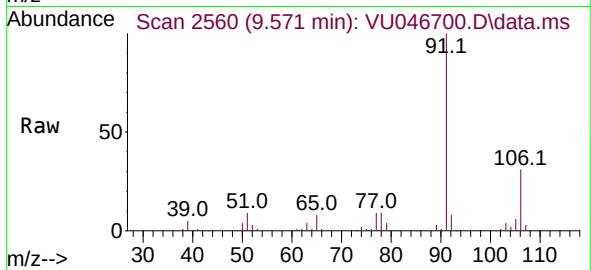




#52
Ethylbenzene
Concen: 5.044 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

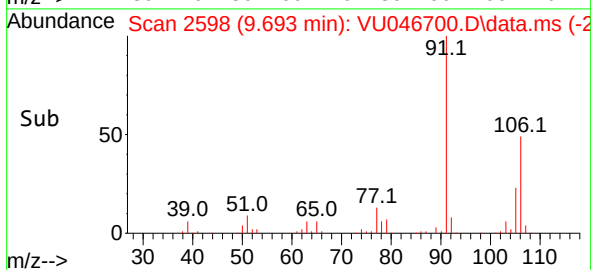
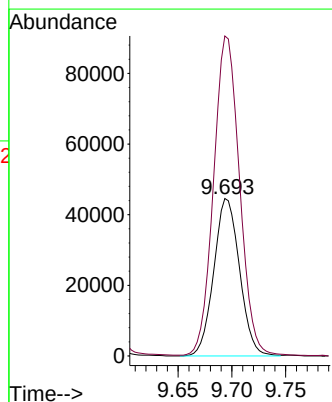
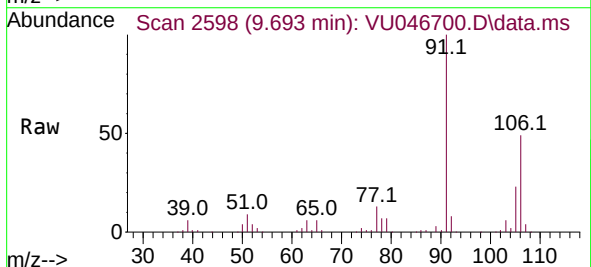
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

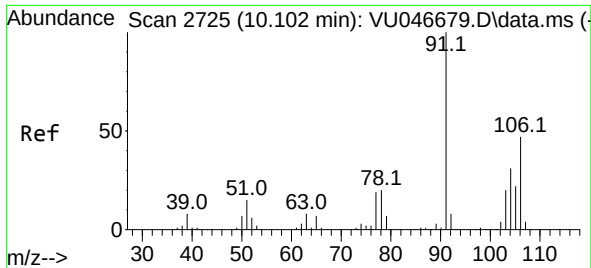
Tgt Ion: 91 Resp: 188573
Ion Ratio Lower Upper
91 100
106 31.5 21.5 39.9



#53
m,p-Xylene
Concen: 5.189 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

Tgt Ion: 106 Resp: 74322
Ion Ratio Lower Upper
106 100
91 203.1 139.4 259.0

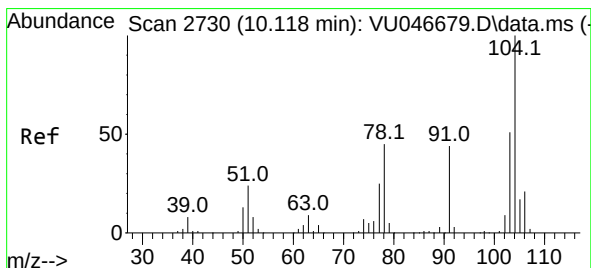
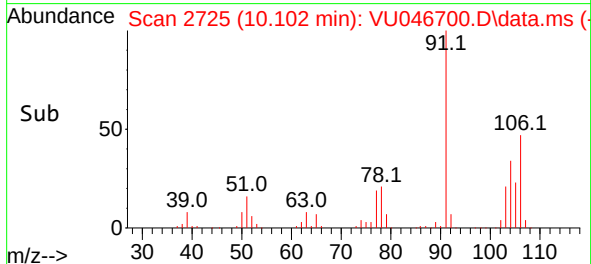
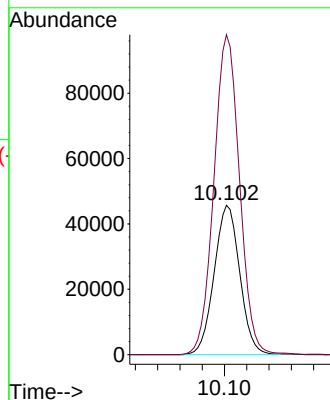
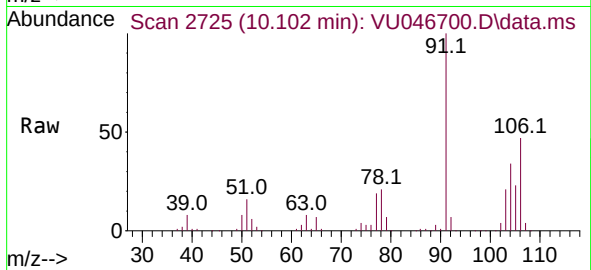




#54
o-Xylene
Concen: 5.297 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

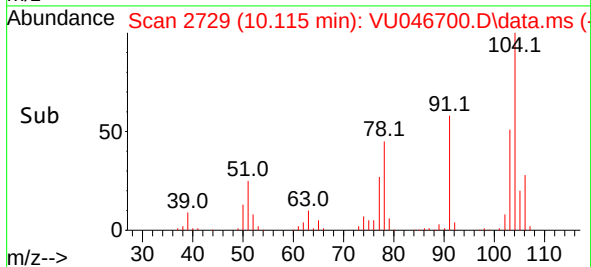
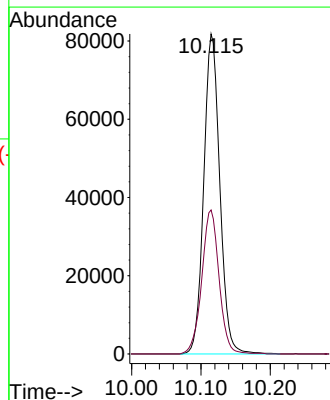
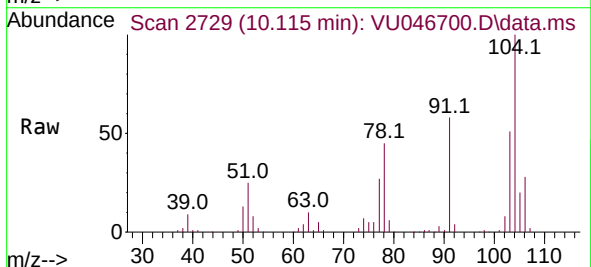
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

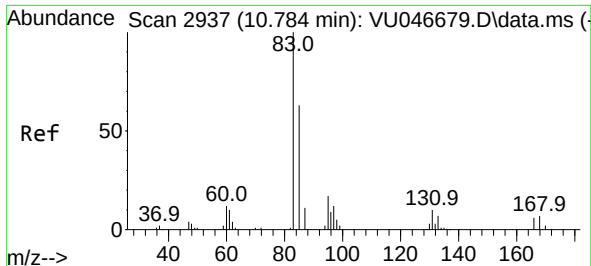
Tgt Ion:106 Resp: 72895
Ion Ratio Lower Upper
106 100
91 214.2 147.5 273.9



#55
Styrene
Concen: 5.511 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

Tgt Ion:104 Resp: 131545
Ion Ratio Lower Upper
104 100
78 45.0 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.075 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU046700.D

Acq: 08 Jan 2022 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTD005144

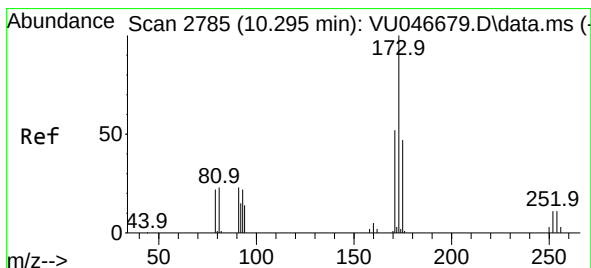
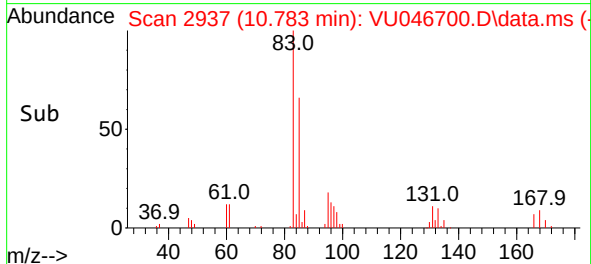
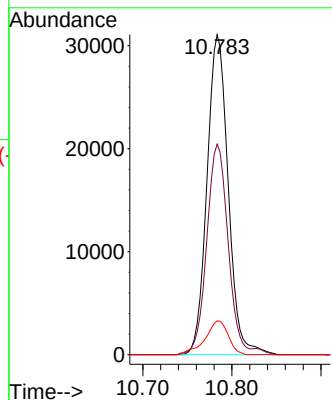
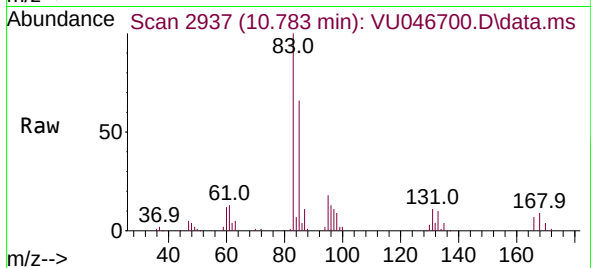
Tgt Ion: 83 Resp: 51340

Ion Ratio Lower Upper

83 100

85 65.8 47.9 89.1

131 10.5 8.1 12.1



#59

Bromoform

Concen: 4.836 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU046700.D

Acq: 08 Jan 2022 11:12

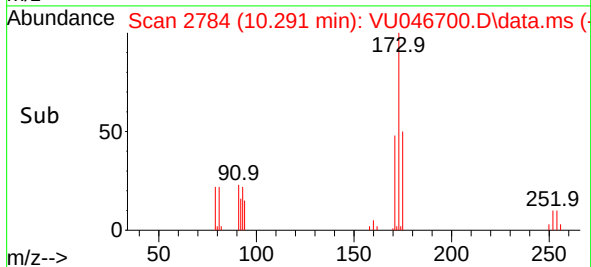
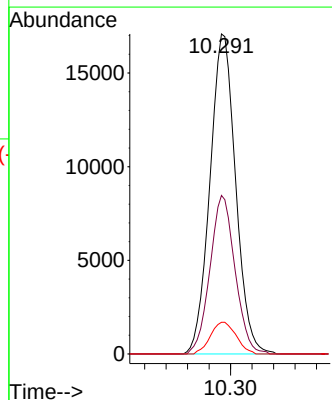
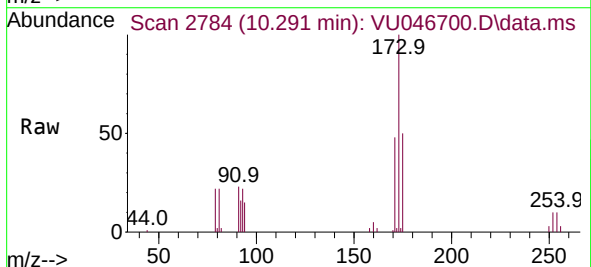
Tgt Ion:173 Resp: 28349

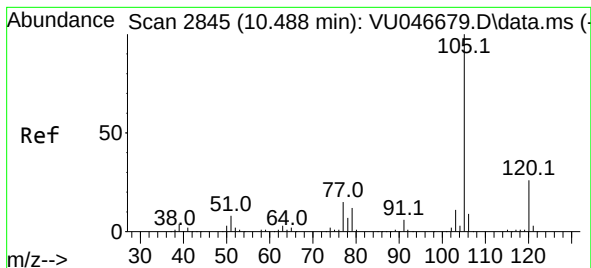
Ion Ratio Lower Upper

173 100

175 48.2 37.8 56.6

254 9.9 7.3 10.9





#60

Isopropylbenzene

Concen: 5.019 ug/L

RT: 10.484 min Scan# 2845

Delta R.T. -0.003 min

Lab File: VU046700.D

Acq: 08 Jan 2022 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTD005144

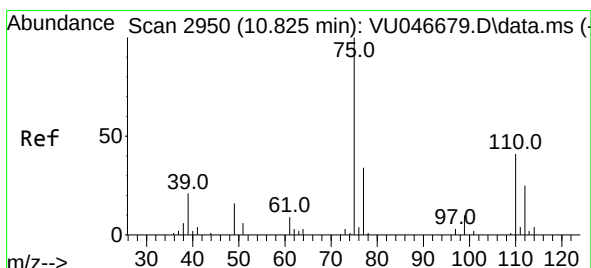
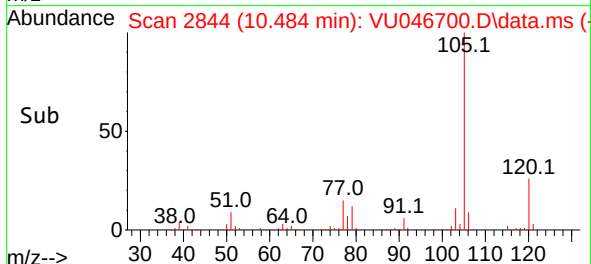
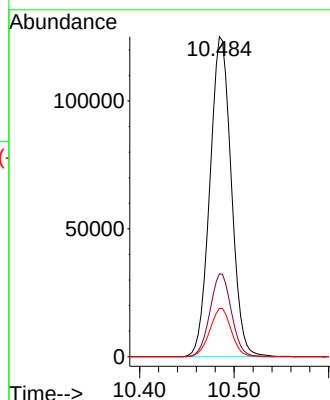
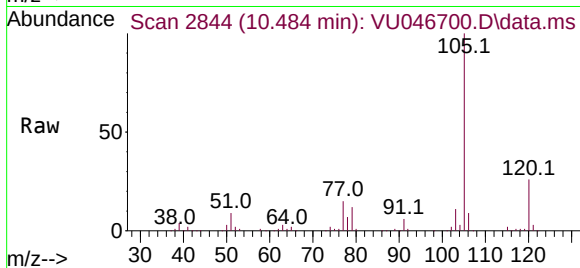
Tgt Ion:105 Resp: 196421

Ion Ratio Lower Upper

105 100

120 26.0 20.7 31.1

77 15.1 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.506 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU046700.D

Acq: 08 Jan 2022 11:12

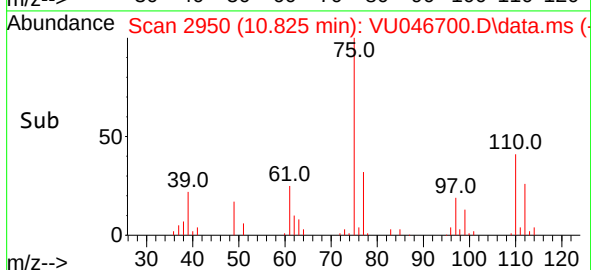
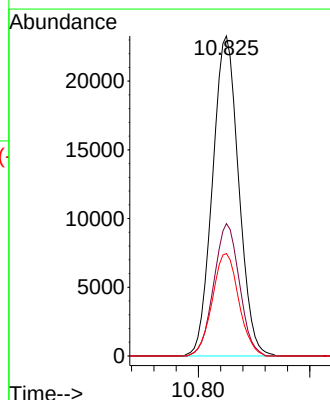
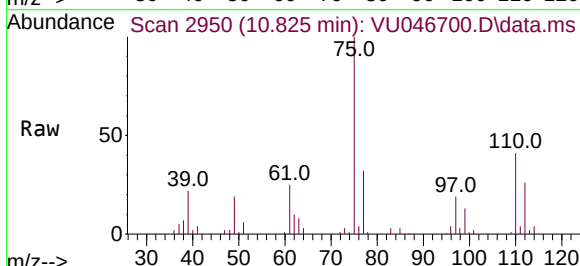
Tgt Ion: 75 Resp: 37972

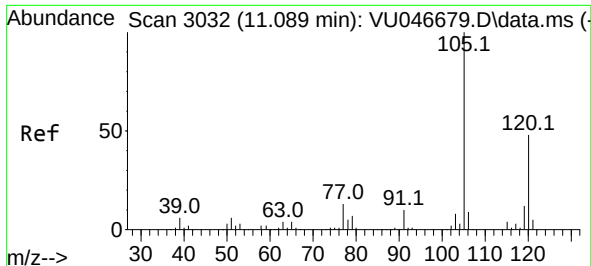
Ion Ratio Lower Upper

75 100

110 40.5 29.9 44.9

77 32.5 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 4.931 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU046700.D

Acq: 08 Jan 2022 11:12

Instrument :

MSVOA_U

ClientSampleId :

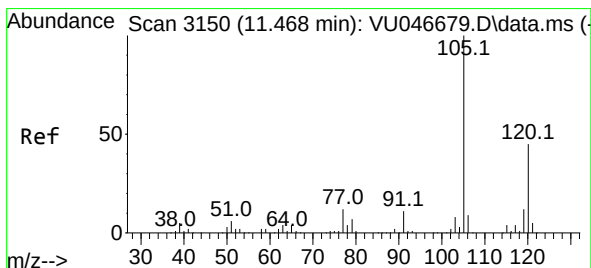
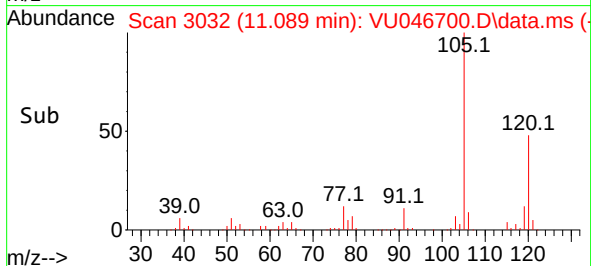
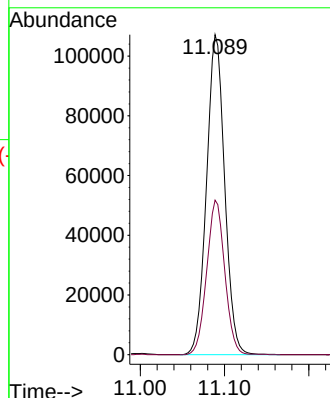
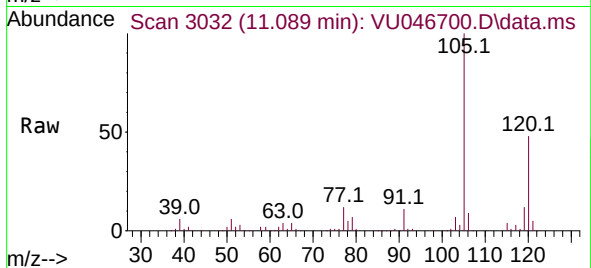
VSTD005144

Tgt Ion:105 Resp: 160499

Ion Ratio Lower Upper

105 100

120 48.1 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.077 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU046700.D

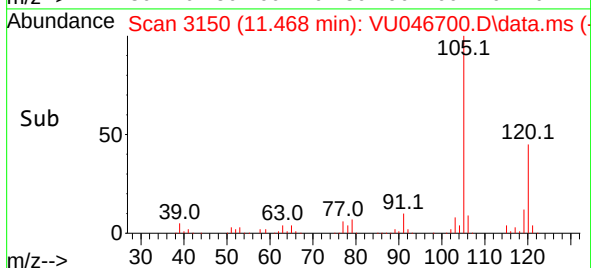
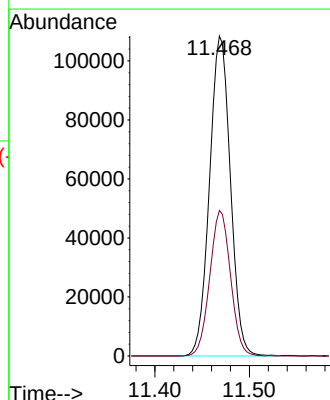
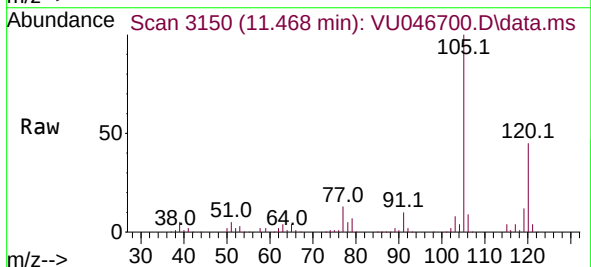
Acq: 08 Jan 2022 11:12

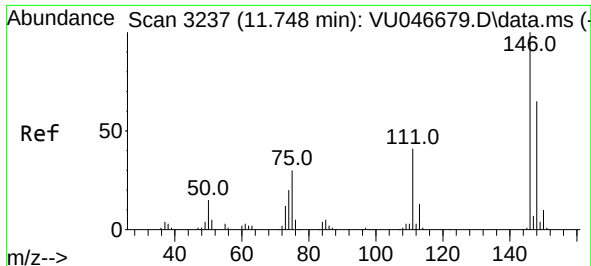
Tgt Ion:105 Resp: 166409

Ion Ratio Lower Upper

105 100

120 45.0 35.8 53.8

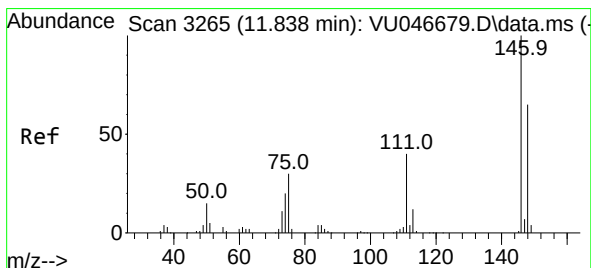
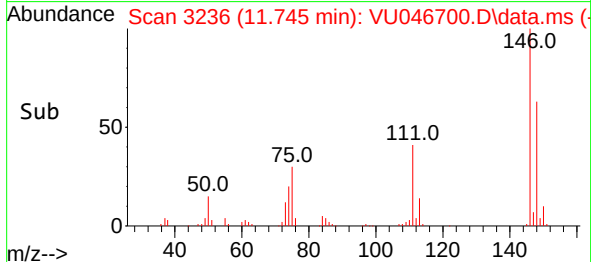
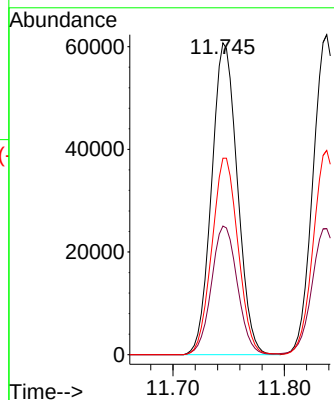
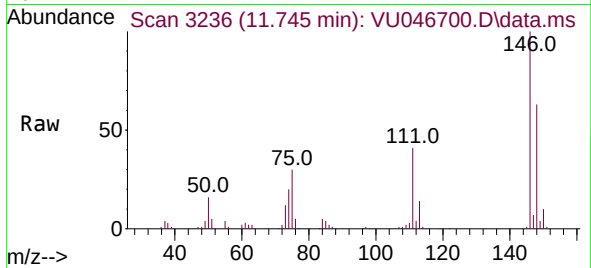




#64
1,3-Dichlorobenzene
Concen: 5.128 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

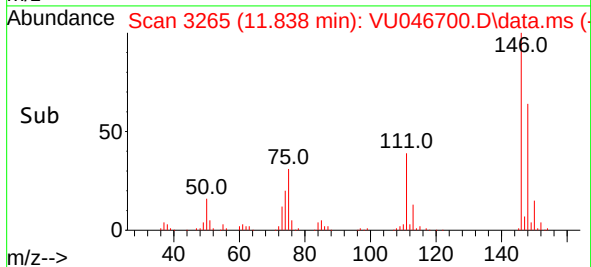
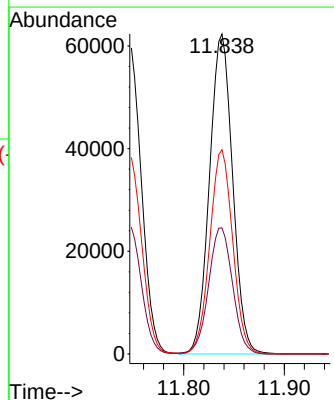
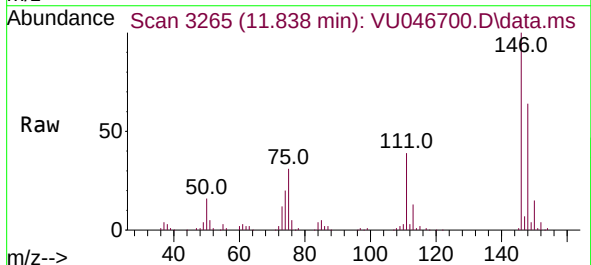
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

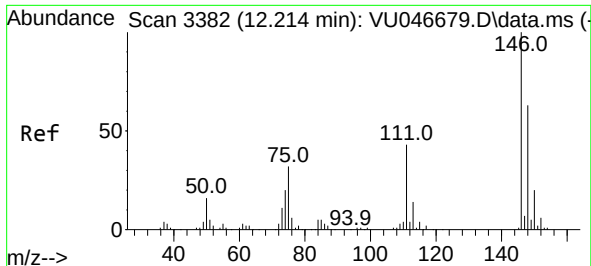
Tgt Ion:146 Resp: 97550
Ion Ratio Lower Upper
146 100
111 41.2 29.9 55.5
148 63.0 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.110 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

Tgt Ion:146 Resp: 99525
Ion Ratio Lower Upper
146 100
111 39.4 28.7 53.3
148 63.9 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 4.940 ug/L

RT: 12.211 min Scan# 3382

Delta R.T. -0.003 min

Lab File: VU046700.D

Acq: 08 Jan 2022 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTD005144

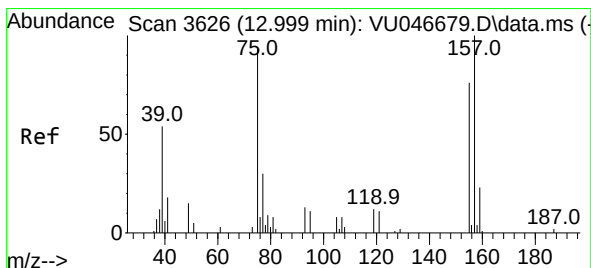
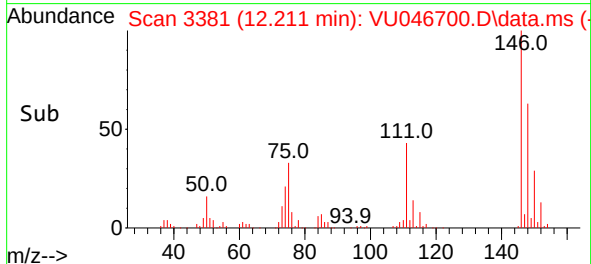
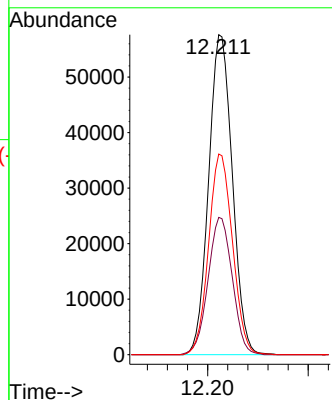
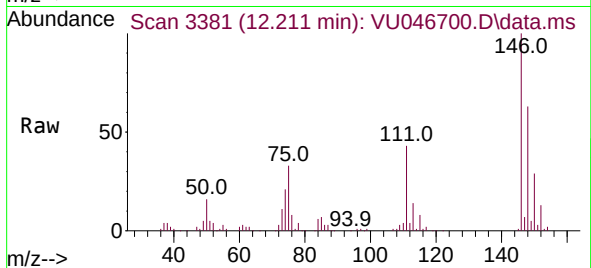
Tgt Ion:146 Resp: 94266

Ion Ratio Lower Upper

146 100

111 42.9 35.4 53.0

148 62.7 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.296 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU046700.D

Acq: 08 Jan 2022 11:12

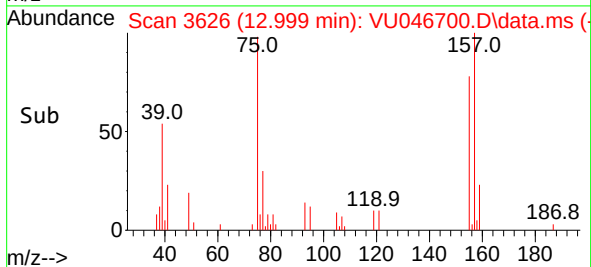
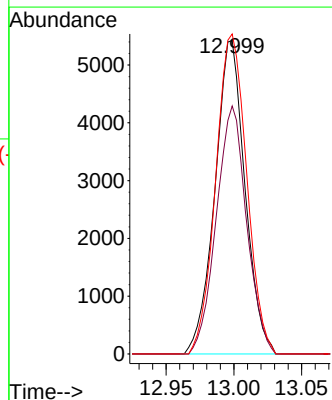
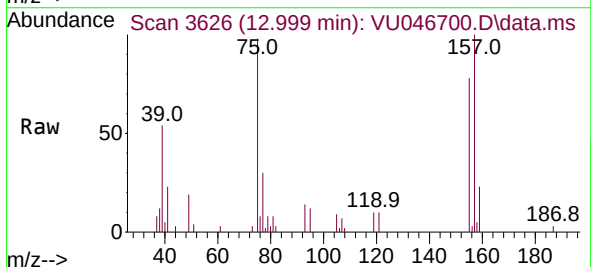
Tgt Ion: 75 Resp: 8381

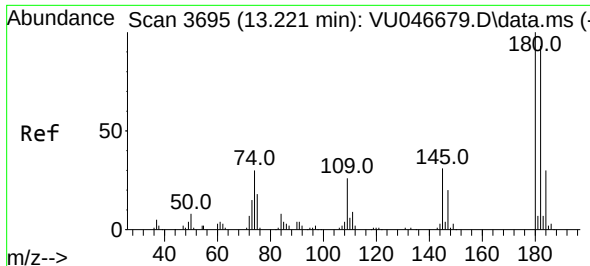
Ion Ratio Lower Upper

75 100

155 79.1 59.2 88.8

157 102.1 76.5 114.7

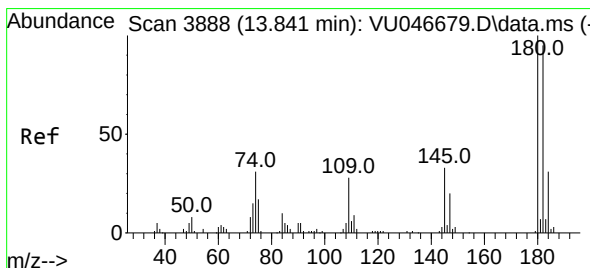
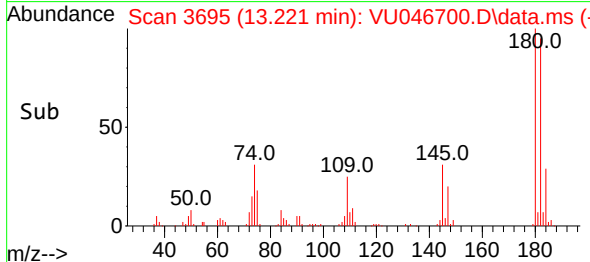
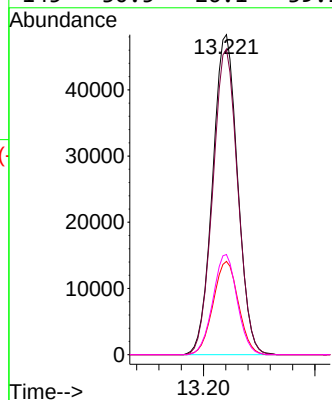
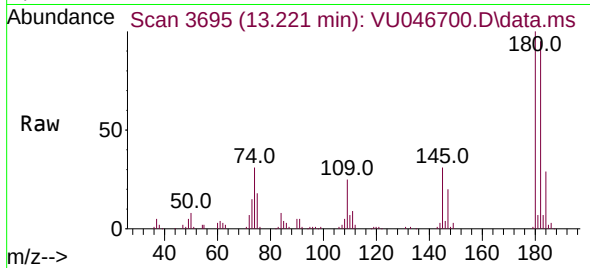




#69
 1,3,5-Trichlorobenzene
 Concen: 5.220 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU046700.D
 Acq: 08 Jan 2022 11:12

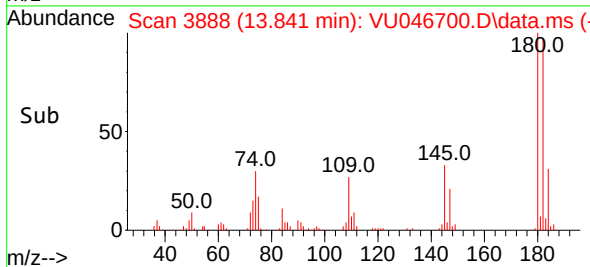
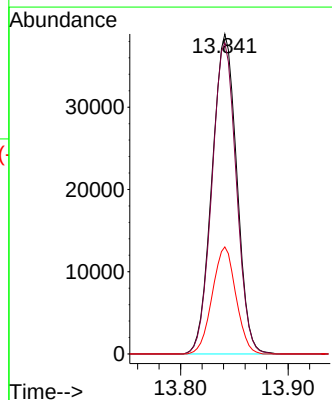
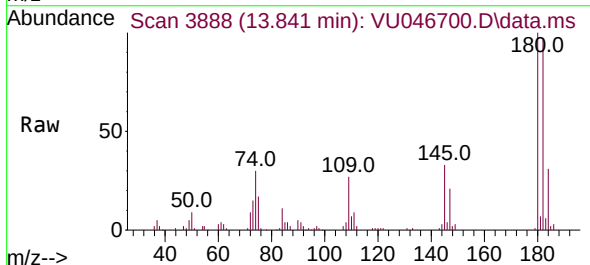
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005144

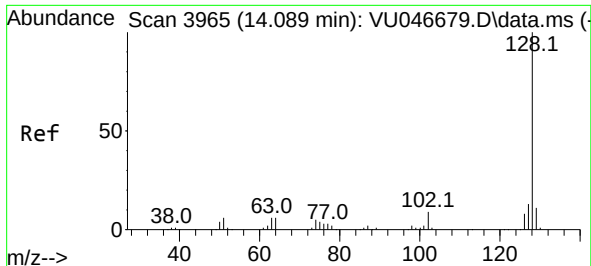
Tgt Ion:180	Resp:	75148
Ion Ratio	Lower	Upper
180	100	
182	95.5	76.1 114.1
184	29.5	25.0 37.4
145	30.5	26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.087 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU046700.D
 Acq: 08 Jan 2022 11:12

Tgt Ion:180	Resp:	62039
Ion Ratio	Lower	Upper
180	100	
182	96.0	76.4 114.6
145	32.0	25.6 38.4

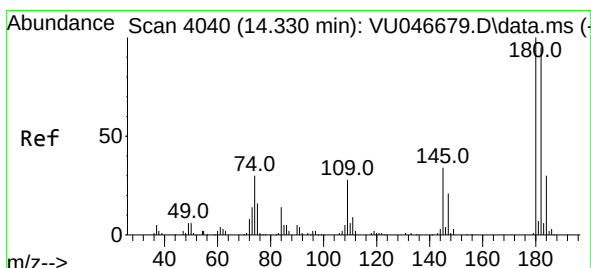
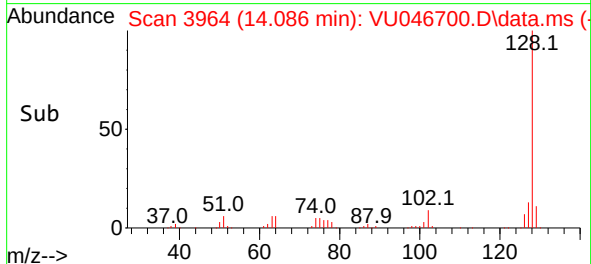
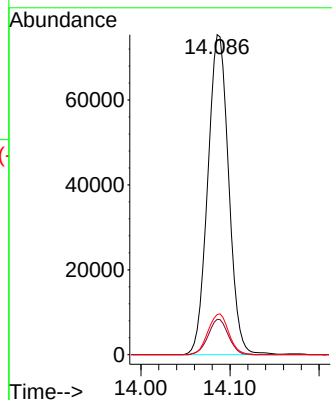
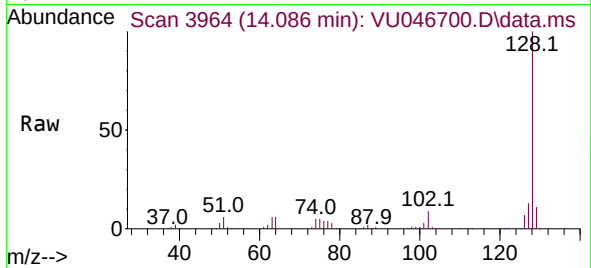




#71
Naphthalene
Concen: 4.528 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

Tgt Ion:128 Resp: 122624
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.910 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046700.D
Acq: 08 Jan 2022 11:12

Tgt Ion:180 Resp: 59281
Ion Ratio Lower Upper
180 100
182 98.2 76.2 114.4
145 34.0 28.4 42.6

