

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011022\Not Reviewed Data\
 Data File : VU046710.D
 Acq On : 10 Jan 2022 11:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050158

Quant Time: Jan 10 19:38:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 07 23:26:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	187055	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	178653	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	100106	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	56184	34.420	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.840%
7) Chloroethane-d5	1.919	69	45625	37.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.260%
11) 1,1-Dichloroethene-d2	2.575	63	107967	38.890	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.780%
21) 2-Butanone-d5	4.649	46	109086	91.312	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.310%
24) Chloroform-d	5.067	84	120139	41.751	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.500%
26) 1,2-Dichloroethane-d4	5.706	65	77230	42.319	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.640%
32) Benzene-d6	5.732	84	230444	41.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.660%
36) 1,2-Dichloropropane-d6	6.693	67	71744	42.174	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.340%
41) Toluene-d8	7.899	98	209550	42.043	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.080%
43) trans-1,3-Dichloroprop...	8.182	79	36493	44.528	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.060%
47) 2-Hexanone-d5	8.639	63	90434	100.067	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.070%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	121882	46.261	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.520%
66) 1,2-Dichlorobenzene-d4	12.195	152	90291	43.589	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	81982	47.575	ug/L	99
3) Chloromethane	1.523	50	72201	47.082	ug/L	98
5) Vinyl chloride	1.607	62	76823	48.333	ug/L	99
6) Bromomethane	1.864	94	49672	49.331	ug/L	98
8) Chloroethane	1.941	64	46809	48.656	ug/L	96
9) Trichlorofluoromethane	2.144	101	115835	49.513	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	66159	50.283	ug/L	98
12) 1,1-Dichloroethene	2.584	96	60397	48.749	ug/L	96
13) Acetone	2.668	43	111474	98.047	ug/L	98
14) Carbon disulfide	2.800	76	164879	44.770	ug/L	98
15) Methyl Acetate	2.960	43	73752	50.788	ug/L	98
16) Methylene chloride	3.051	84	70931	46.477	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	64876	50.086	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	207506	53.919	ug/L	100
19) 1,1-Dichloroethane	3.877	63	117018	49.534	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	72813	52.451	ug/L	99
22) 2-Butanone	4.726	43	129388	99.826	ug/L	99
23) Bromochloromethane	4.980	128	37401	50.402	ug/L	97
25) Chloroform	5.092	83	130205	50.461	ug/L	99

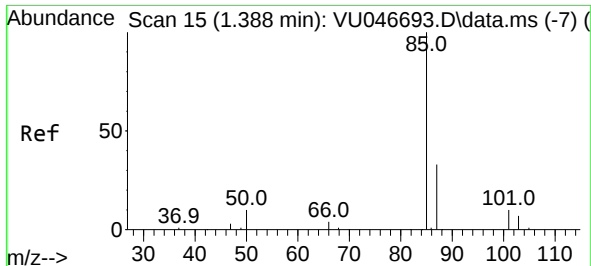
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 Quant Title : VOC Analysis
 QLast Update : Fri Jan 07 23:26:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	98729	49.801	ug/L	99
29) Cyclohexane	5.394	56	96562	50.846	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	115754	52.967	ug/L	98
31) Carbon tetrachloride	5.530	117	99368	52.491	ug/L	99
33) Benzene	5.777	78	275578	51.859	ug/L	100
34) Trichloroethene	6.546	95	71497	51.296	ug/L	98
35) Methylcyclohexane	6.767	83	112936	52.177	ug/L	100
37) 1,2-Dichloropropane	6.793	63	69878	51.390	ug/L	100
38) Bromodichloromethane	7.108	83	97613	52.200	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	112883	53.950	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	197862	106.441	ug/L	99
42) Toluene	7.973	91	297277	53.044	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	111545	54.950	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	72368	52.088	ug/L	98
46) Tetrachloroethene	8.555	164	56084	53.034	ug/L	97
48) 2-Hexanone	8.690	43	168441	106.907	ug/L	99
49) Dibromochloromethane	8.812	129	82148	53.836	ug/L	99
50) 1,2-Dibromoethane	8.928	107	79733	55.057	ug/L	100
51) Chlorobenzene	9.449	112	193860	53.218	ug/L	99
52) Ethylbenzene	9.571	91	325321	54.716	ug/L	100
53) m,p-Xylene	9.697	106	130818	56.970	ug/L	95
54) o-xylene	10.102	106	124273	56.596	ug/L	100
55) Styrene	10.118	104	223832	58.250	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	128164	52.745	ug/L	99
59) Bromoform	10.291	173	63396	52.115	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	104083	49.410	ug/L	100
61) Isopropylbenzene	10.488	105	331643	54.235	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	287776	55.984	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	291084	56.833	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	163953	53.492	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	166995	52.290	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	162438	52.730	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	31226	49.518	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	127530	54.326	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	113997	56.808	ug/L	99
71) Naphthalene	14.089	128	385457	59.060	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	116216	57.313	ug/L	99

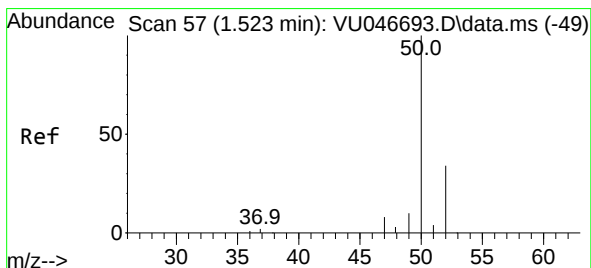
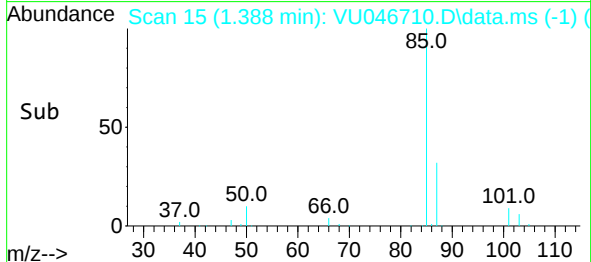
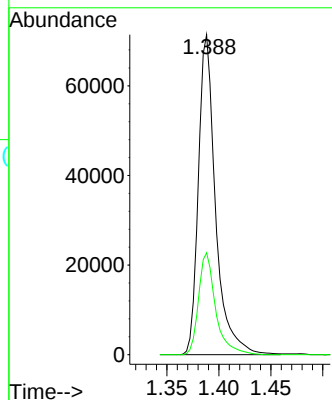
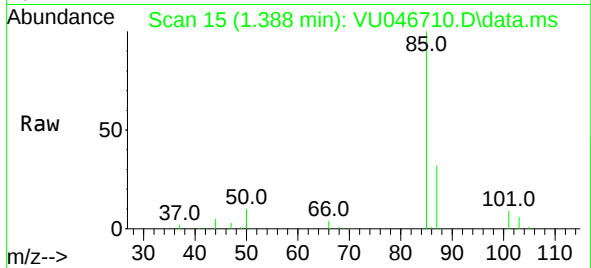
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#2
Dichlorodifluoromethane
Concen: 47.575 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

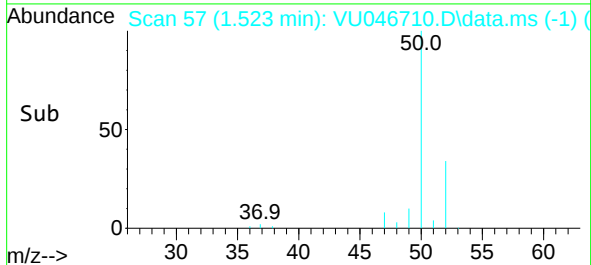
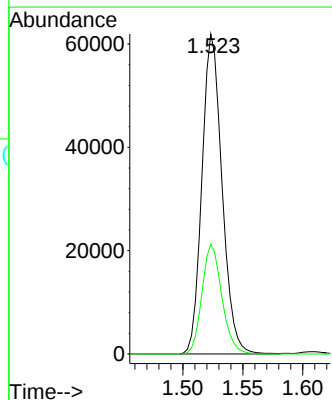
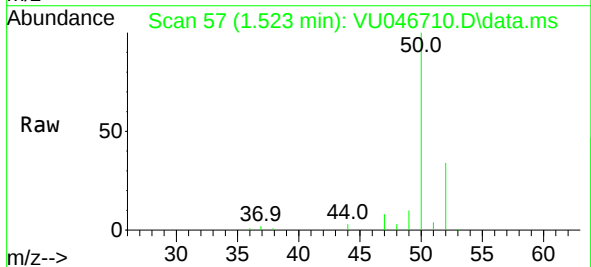
Instrument :
MSVOA_U
ClientSampleId :
VSTD050158

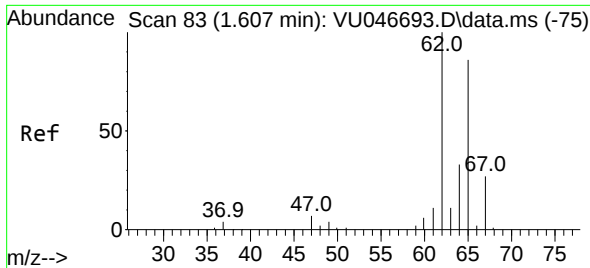
Tgt Ion: 85 Resp: 81982
Ion Ratio Lower Upper
85 100
87 31.7 25.6 38.4



#3
Chloromethane
Concen: 47.082 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

Tgt Ion: 50 Resp: 72201
Ion Ratio Lower Upper
50 100
52 34.3 23.2 43.2

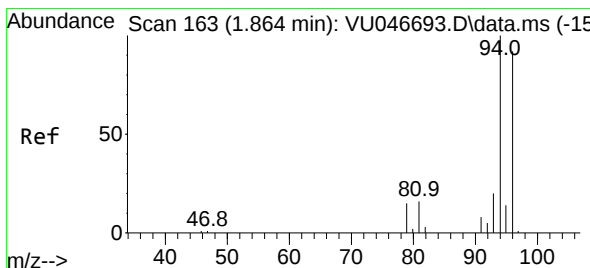
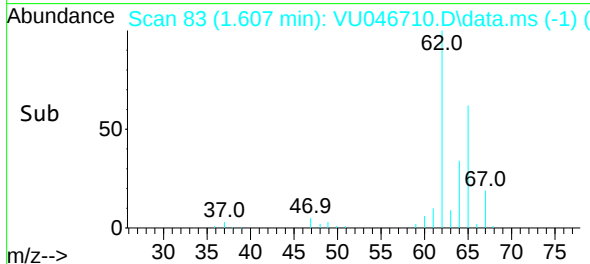
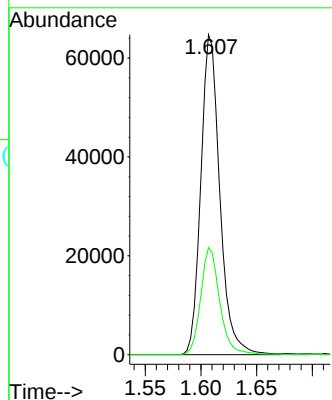
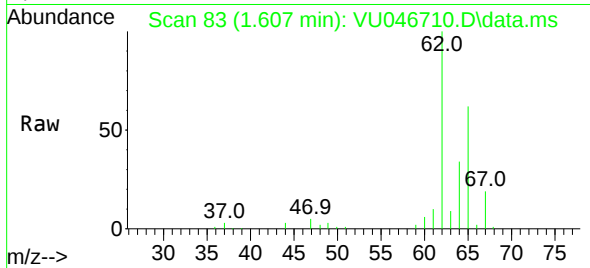




#5
 Vinyl chloride
 Concen: 48.333 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU046710.D
 Acq: 10 Jan 2022 11:23

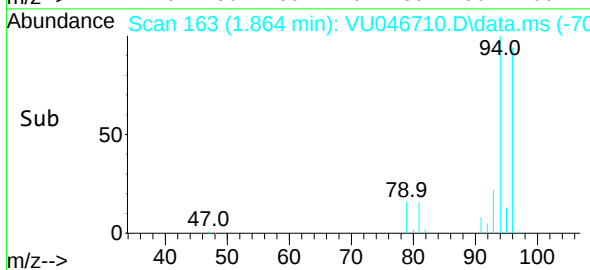
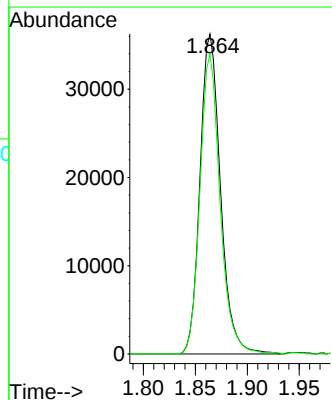
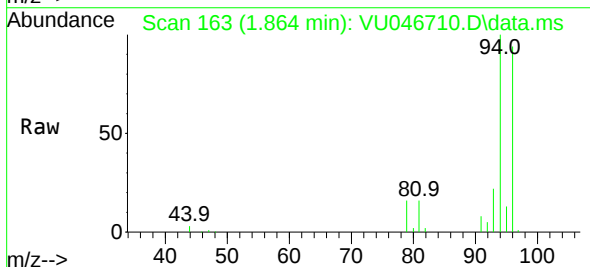
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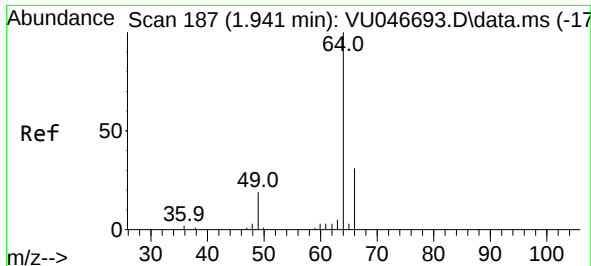
Tgt Ion: 62 Resp: 76823
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.1 42.9



#6
 Bromomethane
 Concen: 49.331 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU046710.D
 Acq: 10 Jan 2022 11:23

Tgt Ion: 94 Resp: 49672
 Ion Ratio Lower Upper
 94 100
 96 93.7 64.4 119.6

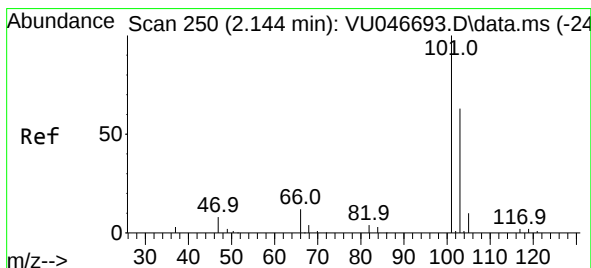
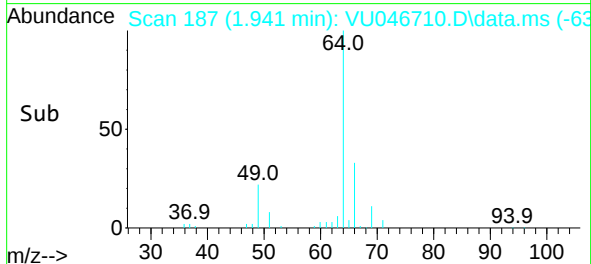
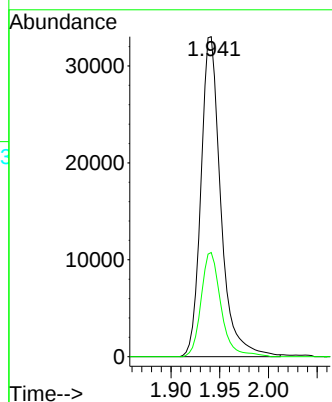
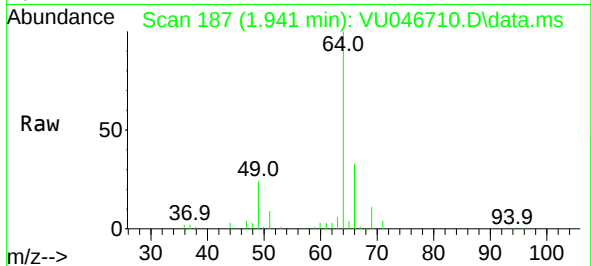




#8
Chloroethane
Concen: 48.656 ug/L
RT: 1.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

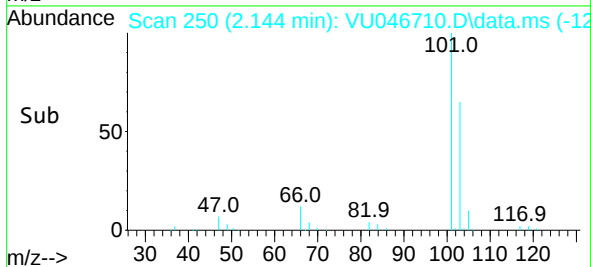
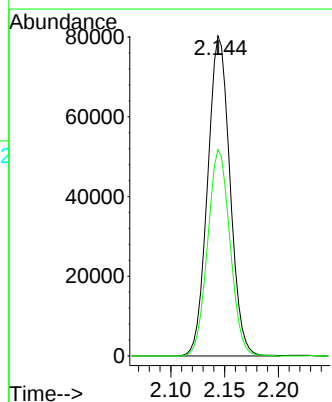
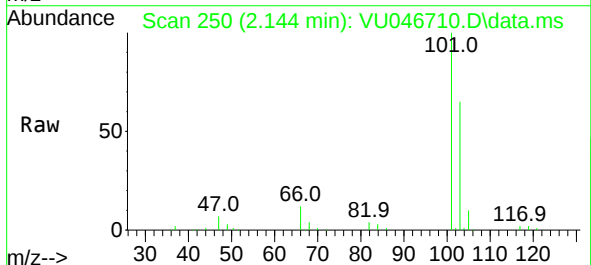
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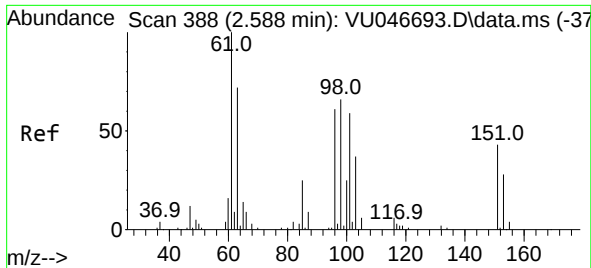
Tgt Ion: 64 Resp: 46809
Ion Ratio Lower Upper
64 100
66 32.6 24.4 45.2



#9
Trichlorofluoromethane
Concen: 49.513 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

Tgt Ion:101 Resp: 115835
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0

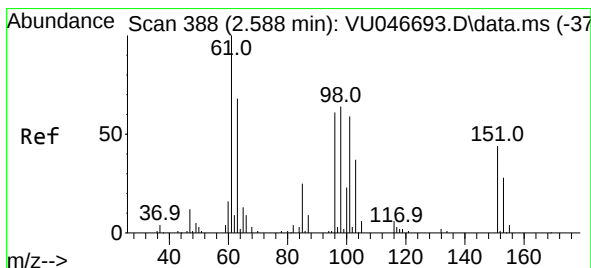
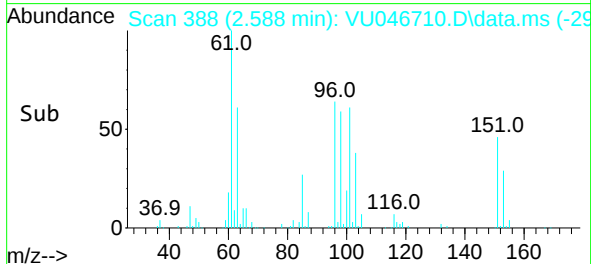
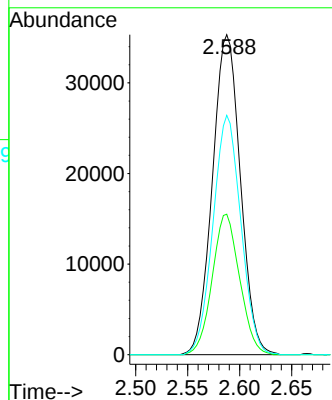
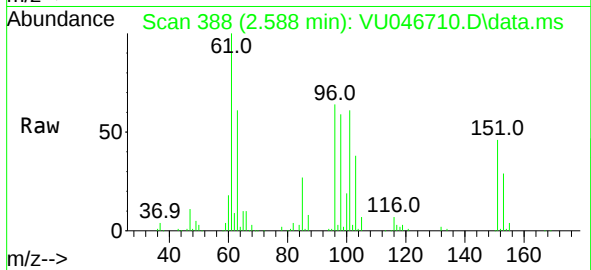




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.283 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046710.D
 Acq: 10 Jan 2022 11:23

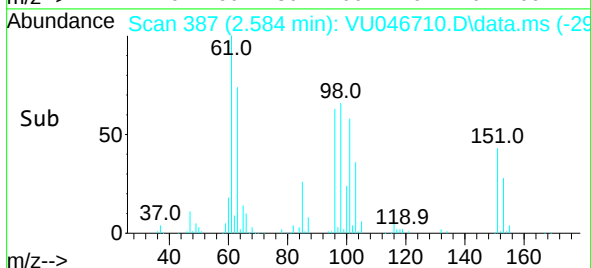
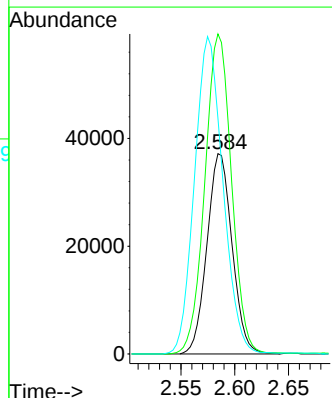
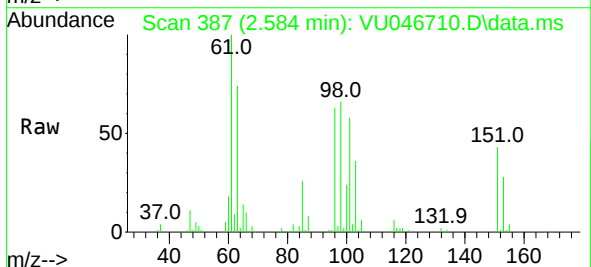
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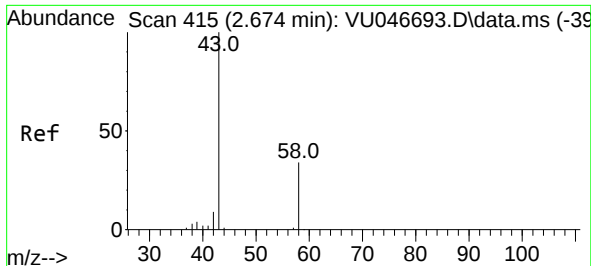
Tgt Ion:101 Resp: 66159
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.9 52.3
 151 74.6 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 48.749 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046710.D
 Acq: 10 Jan 2022 11:23

Tgt Ion: 96 Resp: 60397
 Ion Ratio Lower Upper
 96 100
 61 159.8 114.9 213.3
 63 117.6 86.0 159.8





#13

Acetone

Concen: 98.047 ug/L

RT: 2.668 min Scan# 41

Delta R.T. -0.007 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

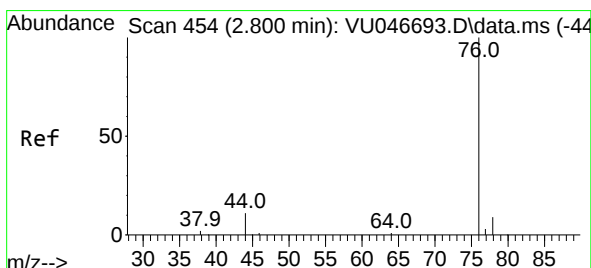
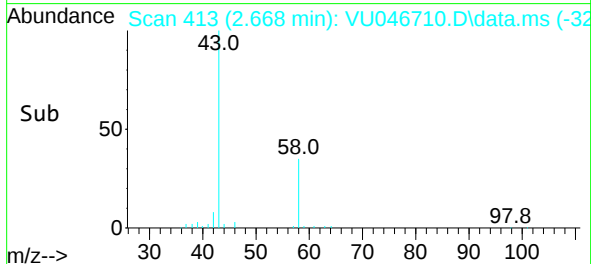
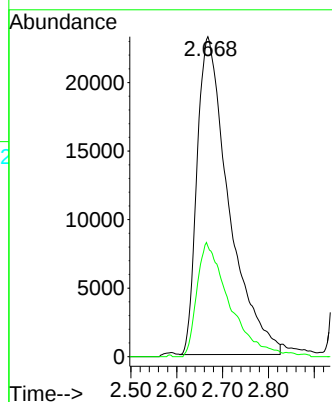
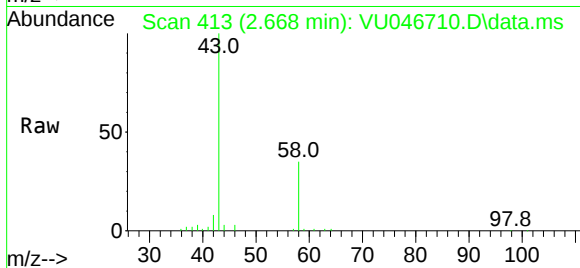
VSTD050158

Tgt Ion: 43 Resp: 111474

Ion Ratio Lower Upper

43 100

58 34.5 0.0 71.0



#14

Carbon disulfide

Concen: 44.770 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046710.D

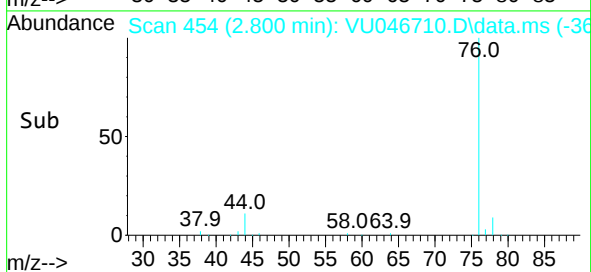
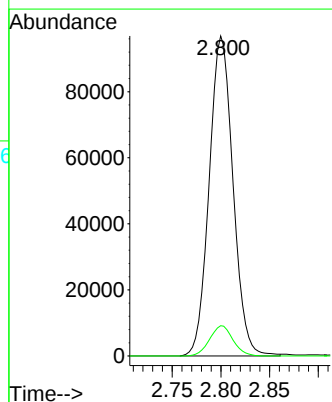
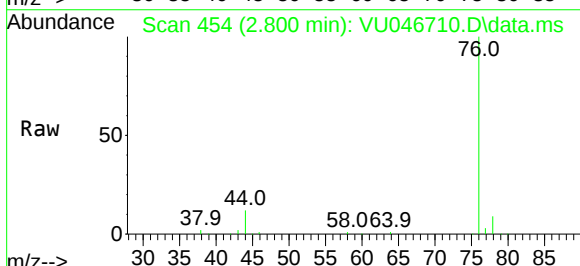
Acq: 10 Jan 2022 11:23

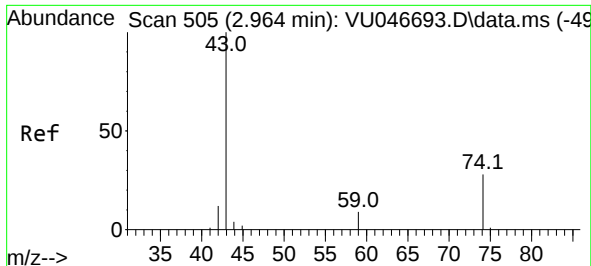
Tgt Ion: 76 Resp: 164879

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

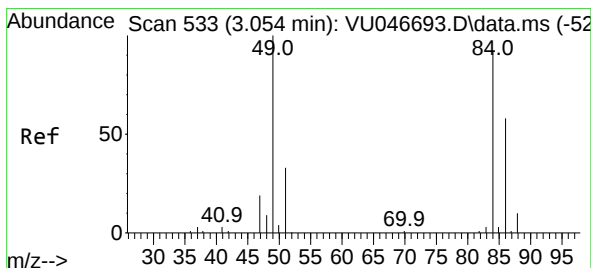
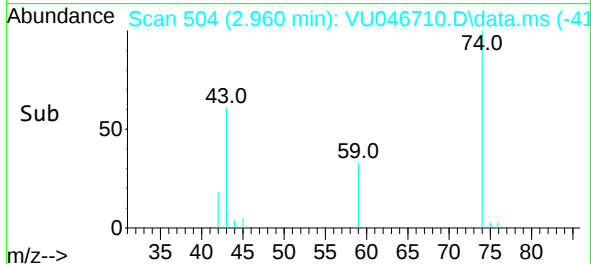
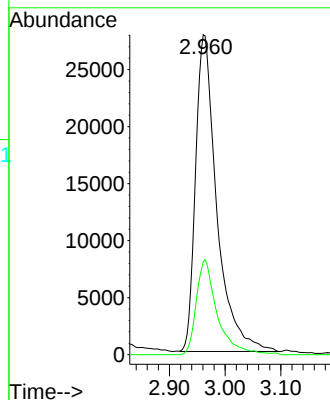
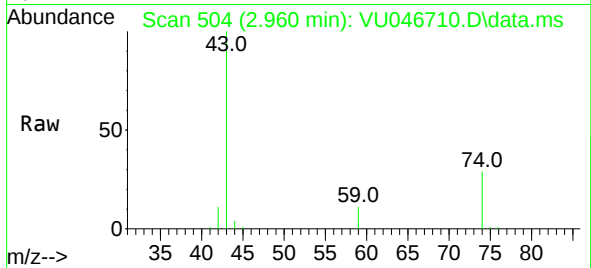




#15
Methyl Acetate
Concen: 50.788 ug/L
RT: 2.960 min Scan# 505
Delta R.T. -0.003 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

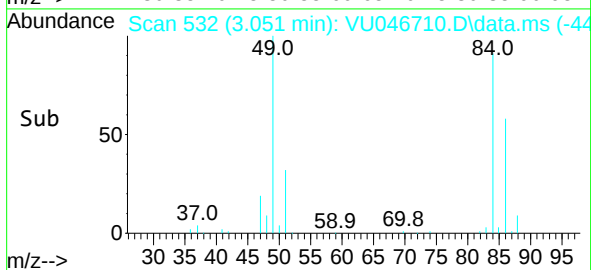
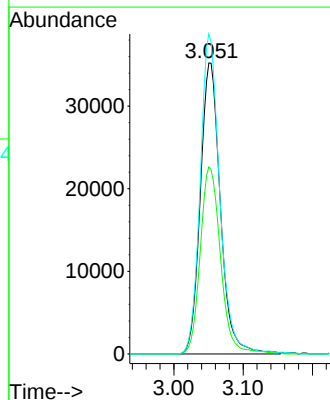
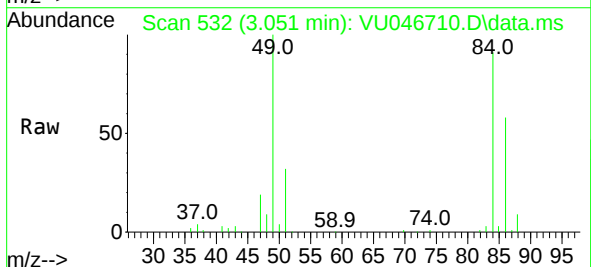
Instrument :
MSVOA_U
ClientSampleId :
VSTD050158

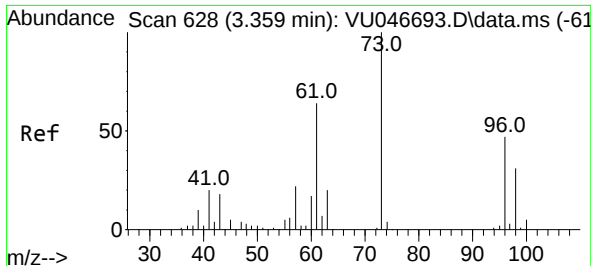
Tgt Ion: 43 Resp: 73752
Ion Ratio Lower Upper
43 100
74 28.8 22.3 33.5



#16
Methylene chloride
Concen: 46.477 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

Tgt Ion: 84 Resp: 70931
Ion Ratio Lower Upper
84 100
86 64.3 44.7 82.9
49 109.9 75.9 141.1





#17

trans-1,2-Dichloroethene

Concen: 50.086 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD050158

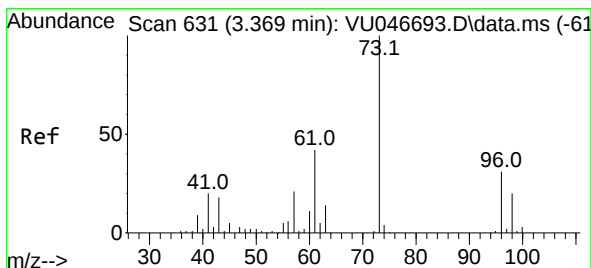
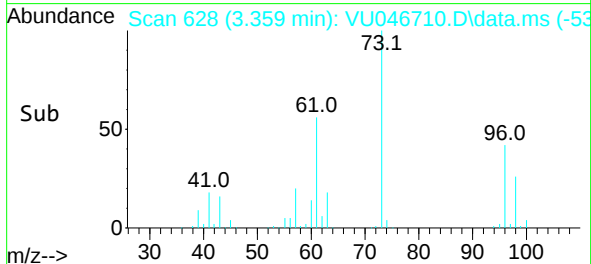
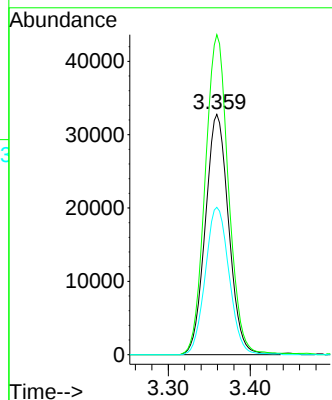
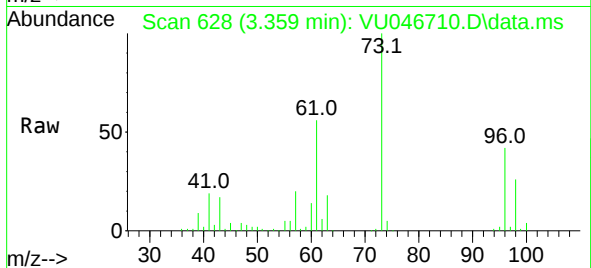
Tgt Ion: 96 Resp: 64876

Ion Ratio Lower Upper

96 100

61 133.2 92.5 171.9

98 61.3 42.4 78.6



#18

Methyl tert-butyl Ether

Concen: 53.919 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.003 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

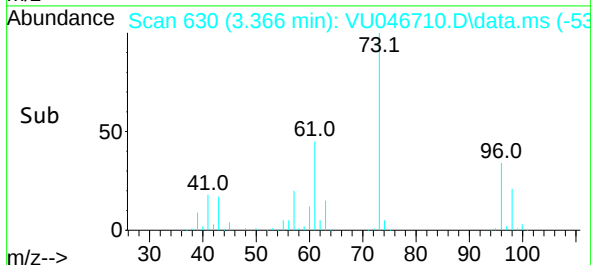
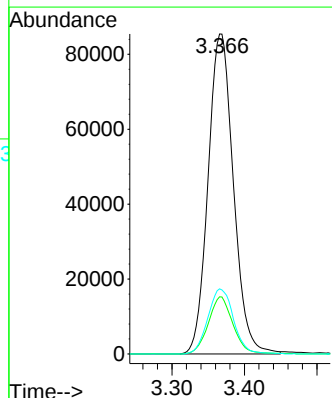
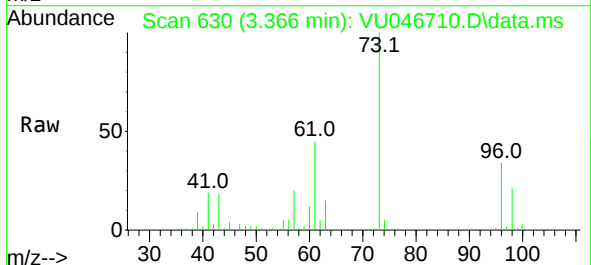
Tgt Ion: 73 Resp: 207506

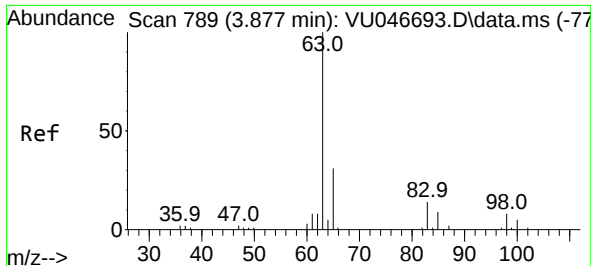
Ion Ratio Lower Upper

73 100

43 17.4 14.1 21.1

57 20.6 16.4 24.6

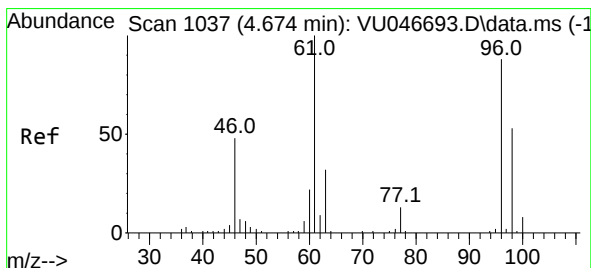
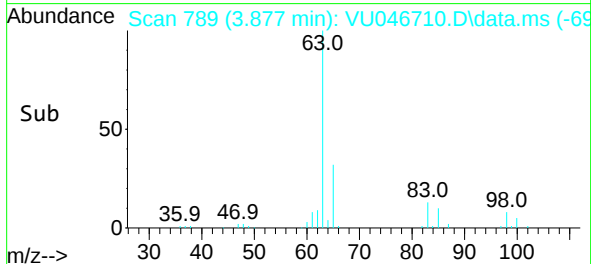
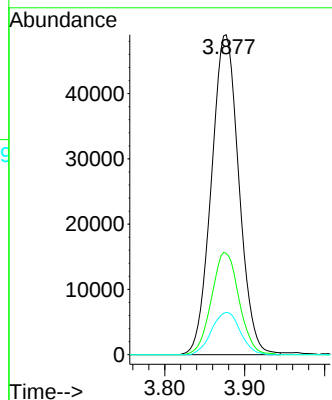
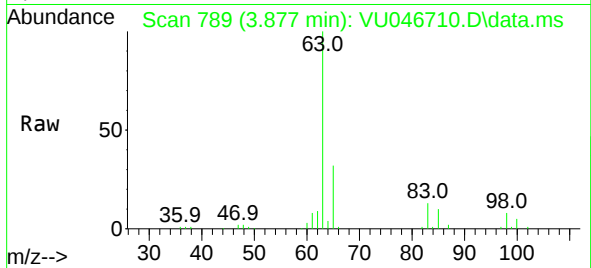




#19
1,1-Dichloroethane
Concen: 49.534 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

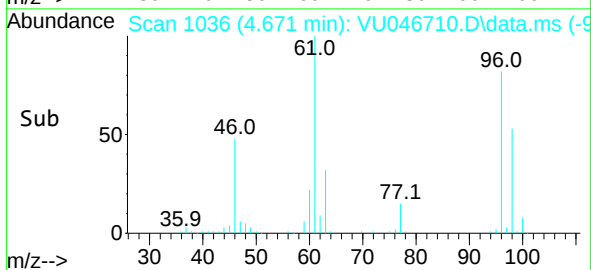
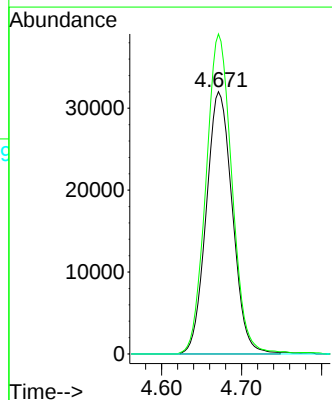
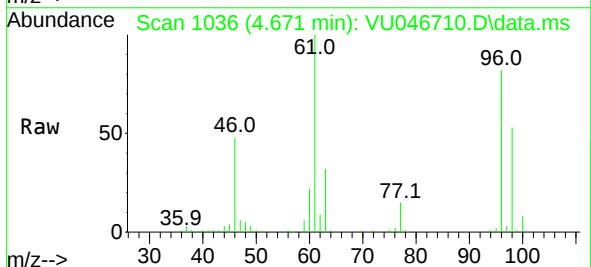
Instrument :
MSVOA_U
ClientSampleId :
VSTD050158

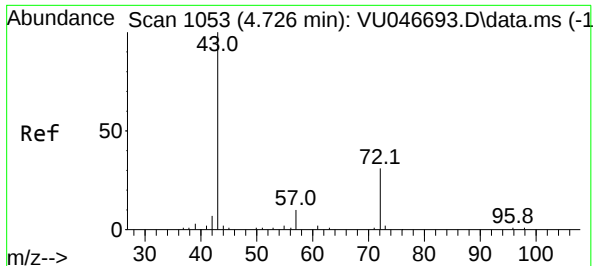
Tgt Ion: 63 Resp: 117018
Ion Ratio Lower Upper
63 100
65 31.7 22.8 42.4
83 13.2 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 52.451 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

Tgt Ion: 96 Resp: 72813
Ion Ratio Lower Upper
96 100
61 122.0 86.0 159.6
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 99.826 ug/L

RT: 4.726 min Scan# 110

Delta R.T. -0.000 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

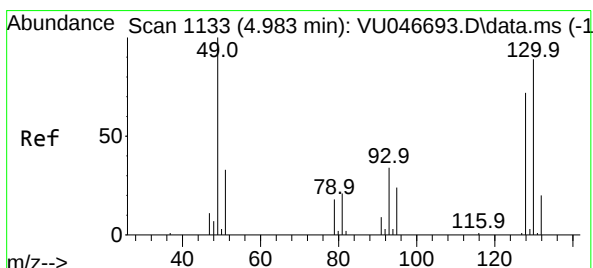
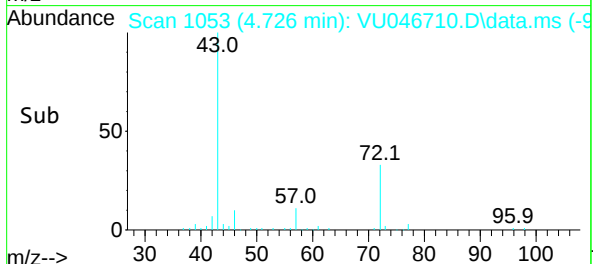
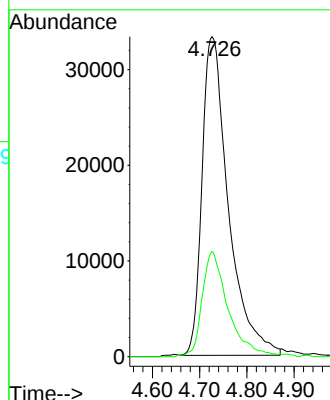
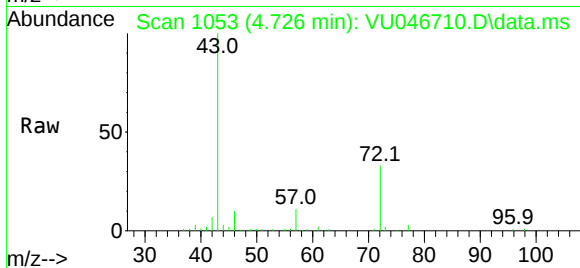
VSTD050158

Tgt Ion: 43 Resp: 129388

Ion Ratio Lower Upper

43 100

72 30.7 15.6 46.8



#23

Bromochloromethane

Concen: 50.402 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.003 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

Tgt Ion: 128 Resp: 37401

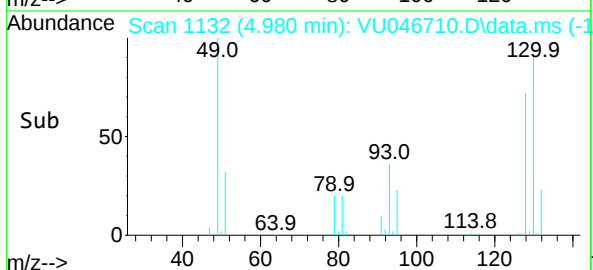
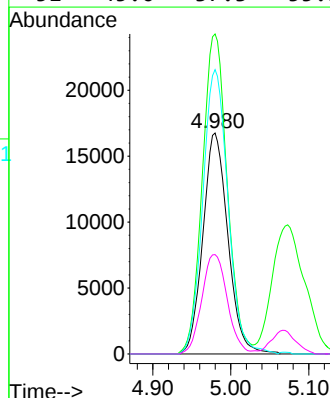
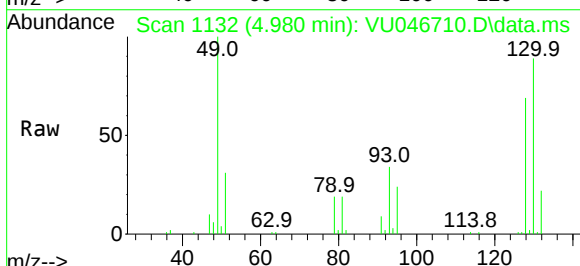
Ion Ratio Lower Upper

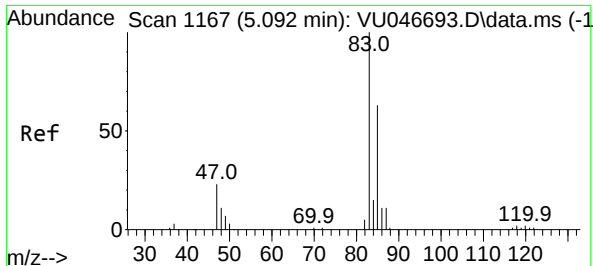
128 100

49 144.8 105.4 195.8

130 128.6 88.7 164.7

51 45.0 37.3 55.9





#25

Chloroform

Concen: 50.461 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

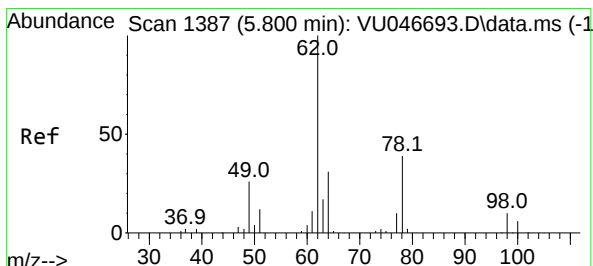
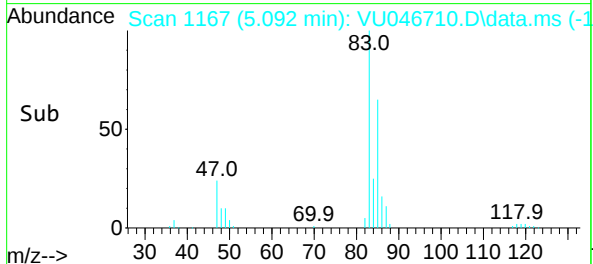
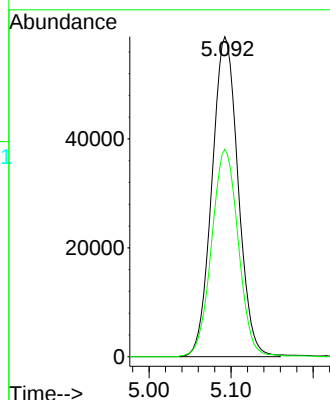
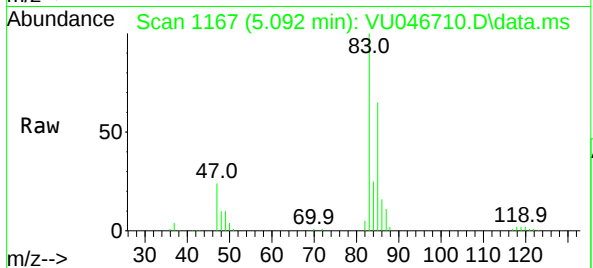
VSTD050158

Tgt Ion: 83 Resp: 130205

Ion Ratio Lower Upper

83 100

85 64.8 45.7 84.9



#27

1,2-Dichloroethane

Concen: 49.801 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046710.D

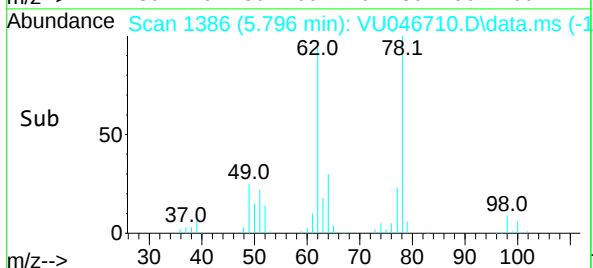
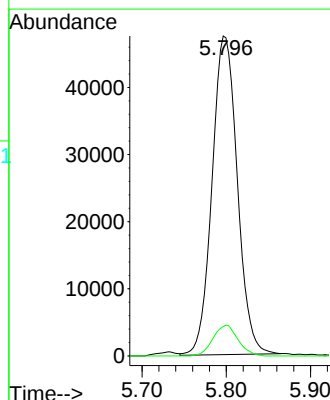
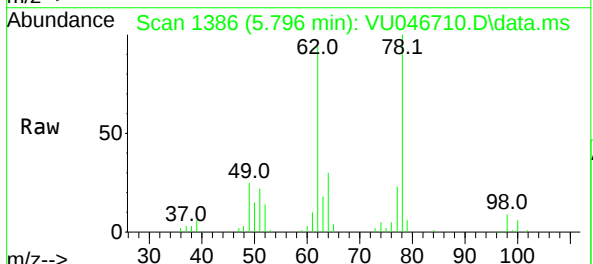
Acq: 10 Jan 2022 11:23

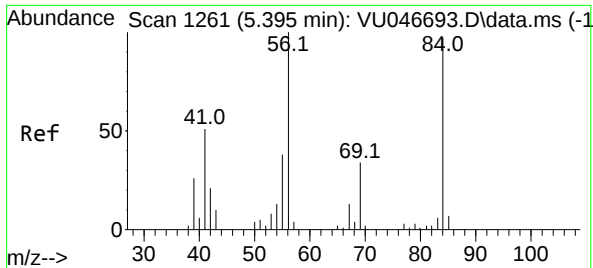
Tgt Ion: 62 Resp: 98729

Ion Ratio Lower Upper

62 100

98 9.2 7.7 11.5





#29

Cyclohexane

Concen: 50.846 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD050158

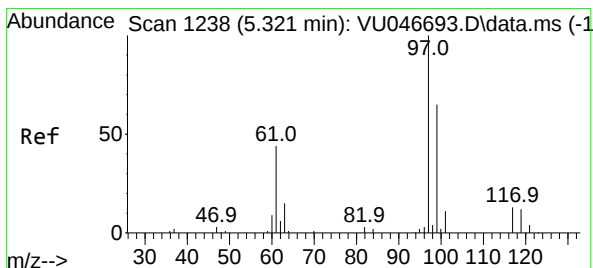
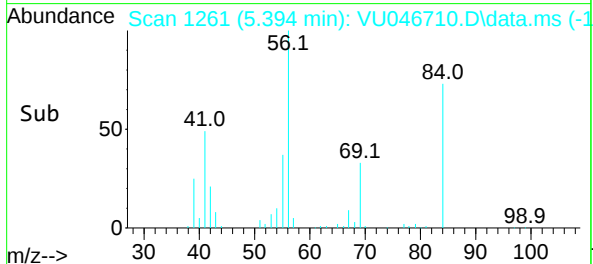
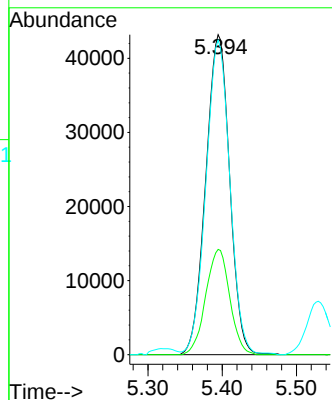
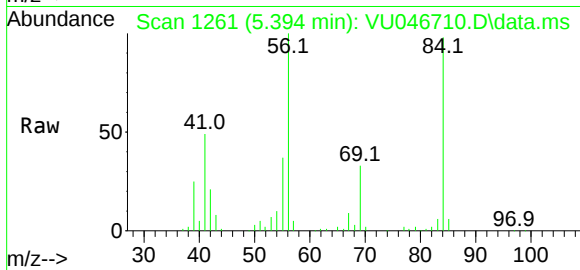
Tgt Ion: 56 Resp: 96562

Ion Ratio Lower Upper

56 100

69 33.0 25.8 38.6

84 97.0 74.2 111.2



#30

1,1,1-Trichloroethane

Concen: 52.967 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

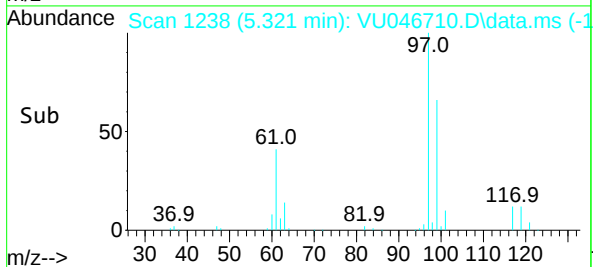
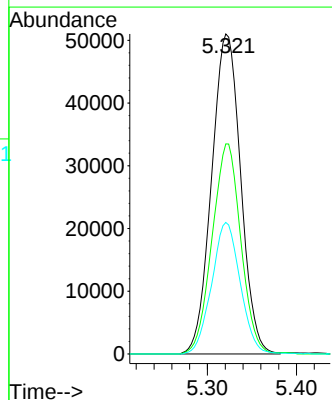
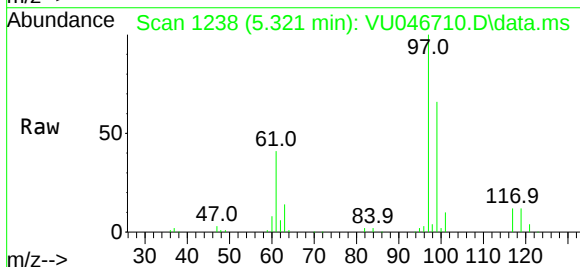
Tgt Ion: 97 Resp: 115754

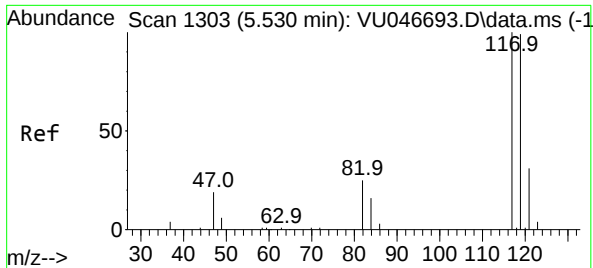
Ion Ratio Lower Upper

97 100

99 64.7 51.1 76.7

61 40.3 34.1 51.1

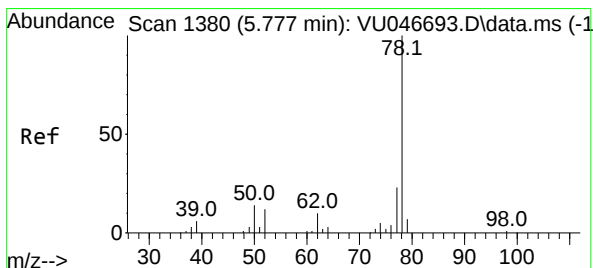
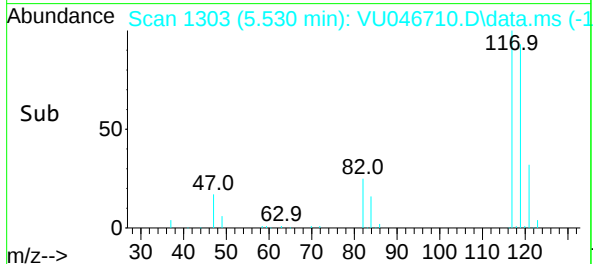
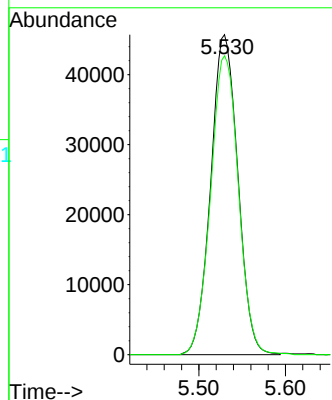
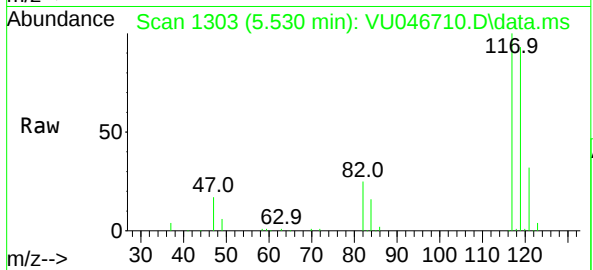




#31
Carbon tetrachloride
Concen: 52.491 ug/L
RT: 5.530 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

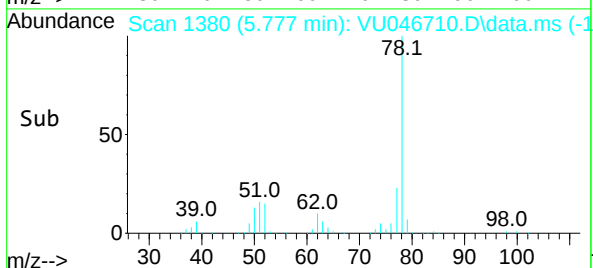
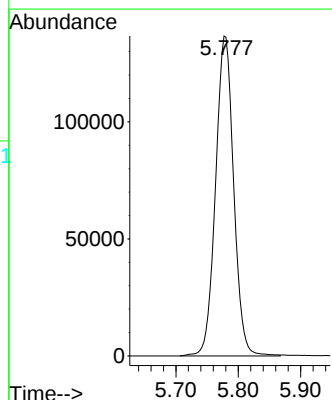
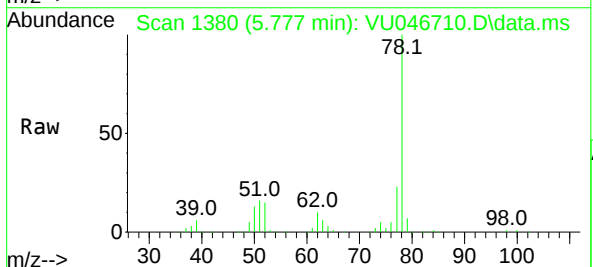
Instrument :
MSVOA_U
ClientSampleId :
VSTD050158

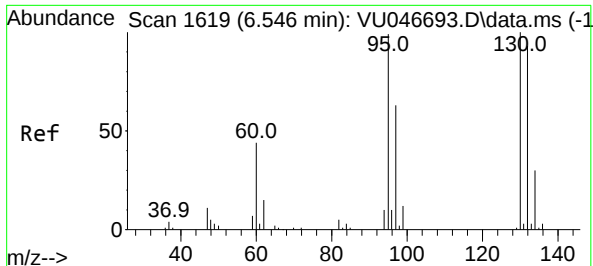
Tgt Ion:117 Resp: 99368
Ion Ratio Lower Upper
117 100
119 96.0 77.5 116.3



#33
Benzene
Concen: 51.859 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

Tgt Ion: 78 Resp: 275578

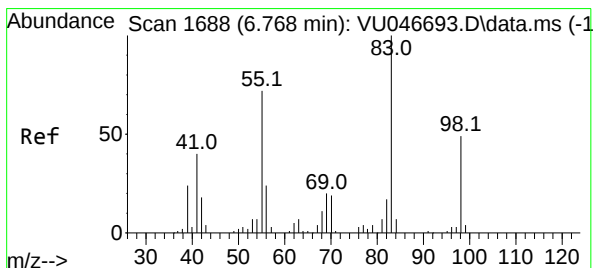
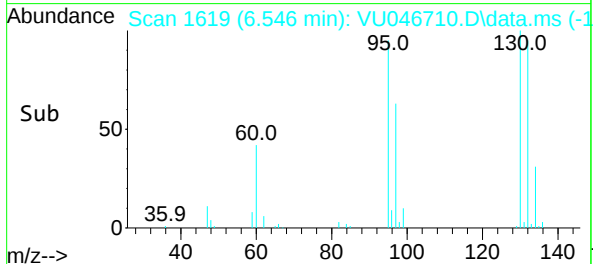
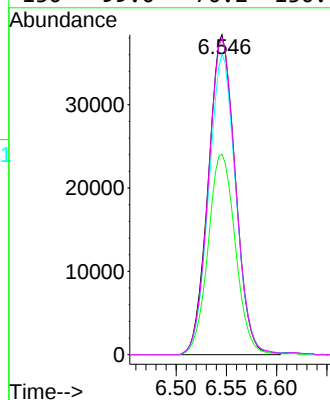
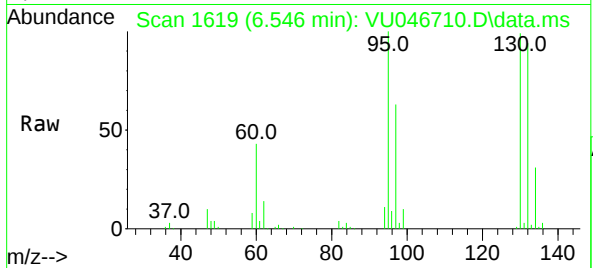




#34
Trichloroethene
Concen: 51.296 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

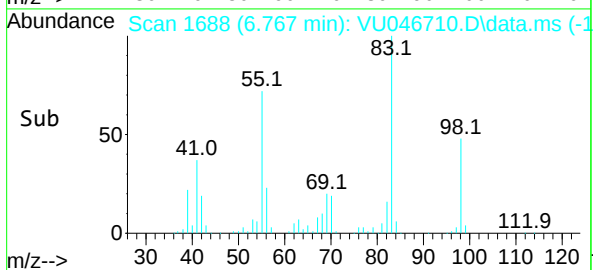
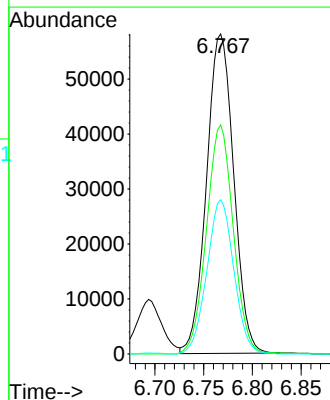
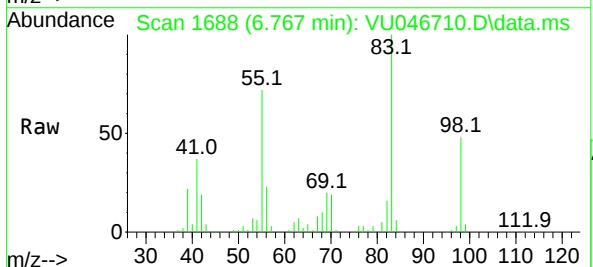
Instrument :
MSVOA_U
ClientSampleId :
VSTD050158

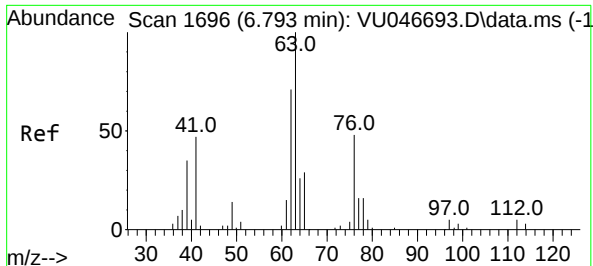
Tgt Ion: 95 Resp: 71497
Ion Ratio Lower Upper
95 100
97 62.7 45.1 83.7
132 93.9 66.7 123.9
130 99.0 70.2 130.4



#35
Methylcyclohexane
Concen: 52.177 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

Tgt Ion: 83 Resp: 112936
Ion Ratio Lower Upper
83 100
55 70.9 56.6 85.0
98 47.8 38.4 57.6





#37

1,2-Dichloropropane

Concen: 51.390 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

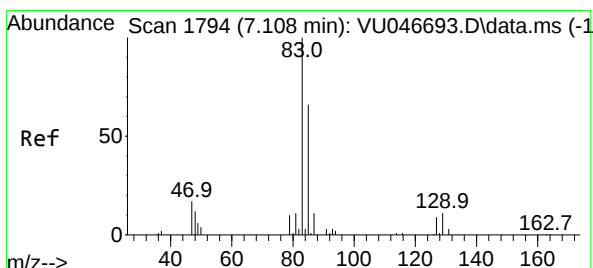
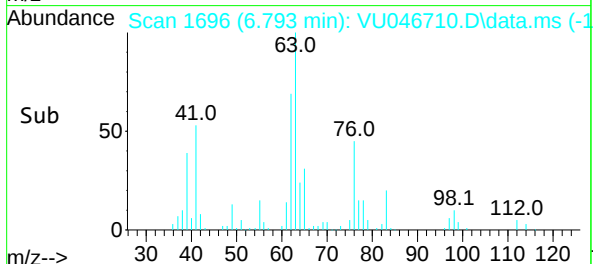
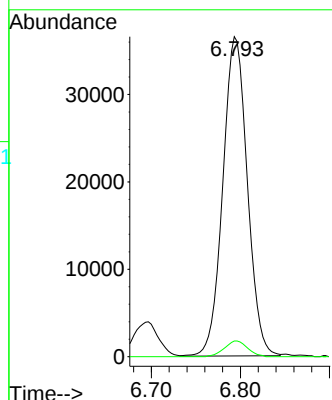
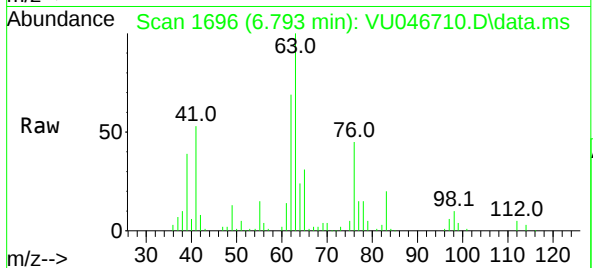
VSTD050158

Tgt Ion: 63 Resp: 69878

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5



#38

Bromodichloromethane

Concen: 52.200 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

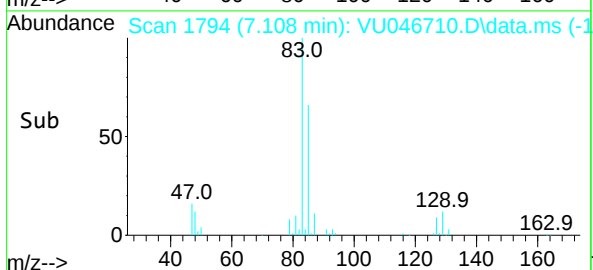
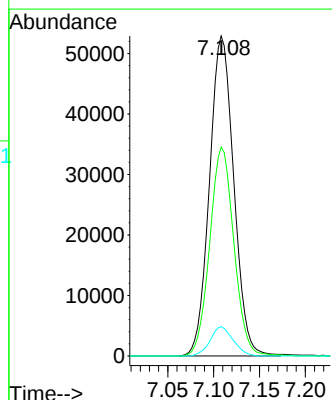
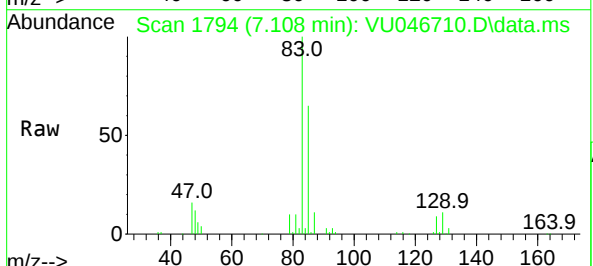
Tgt Ion: 83 Resp: 97613

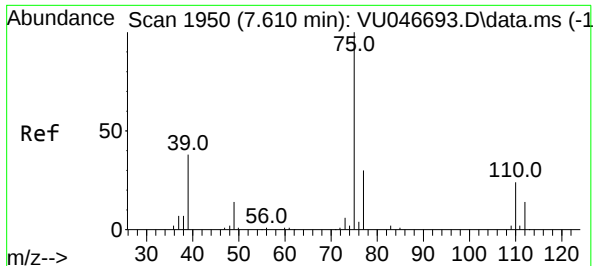
Ion Ratio Lower Upper

83 100

85 65.2 45.0 83.6

127 9.1 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 53.950 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

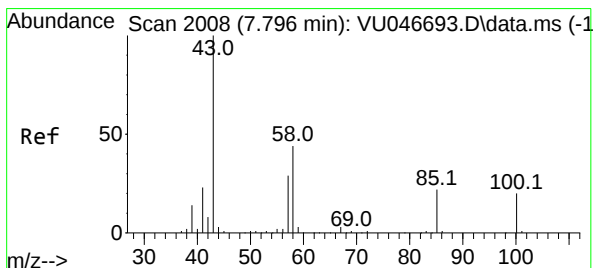
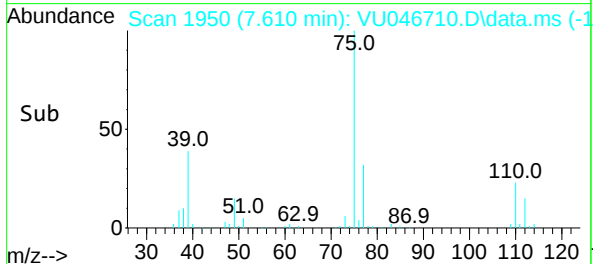
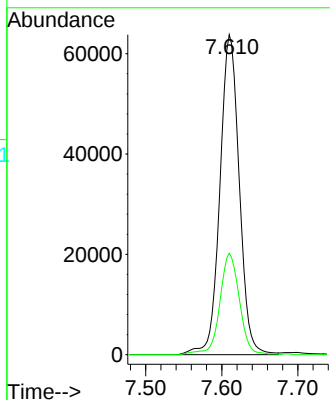
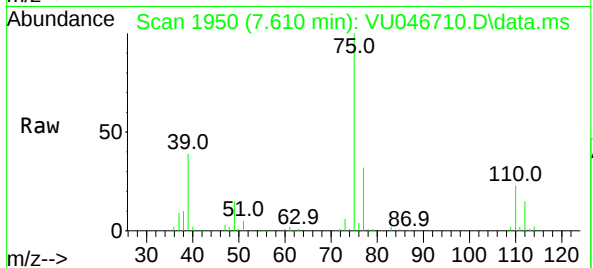
VSTD050158

Tgt Ion: 75 Resp: 112883

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 106.441 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

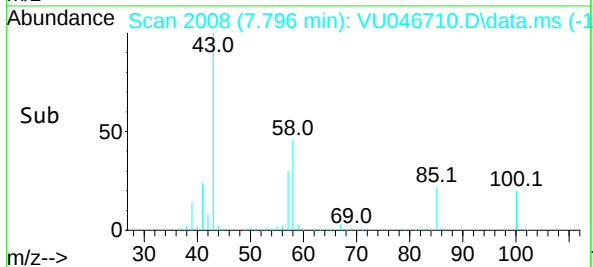
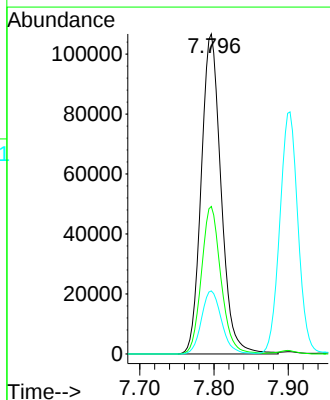
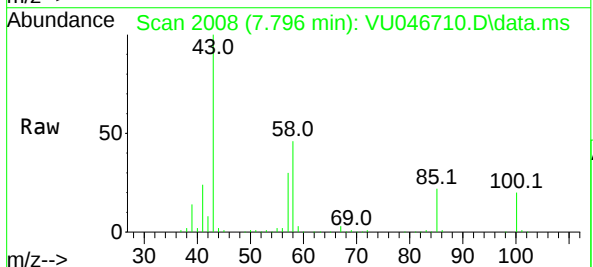
Tgt Ion: 43 Resp: 197862

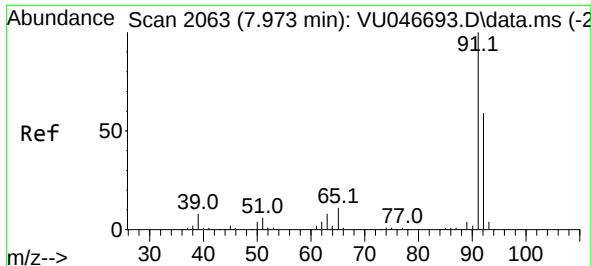
Ion Ratio Lower Upper

43 100

58 45.5 35.8 53.8

100 20.0 15.7 23.5





#42

Toluene

Concen: 53.044 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

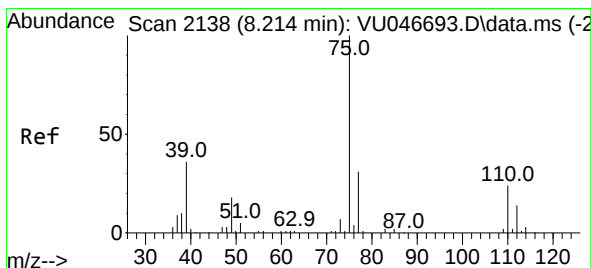
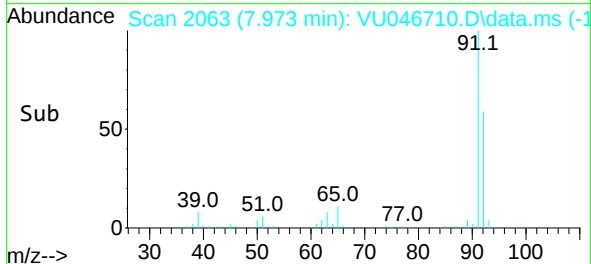
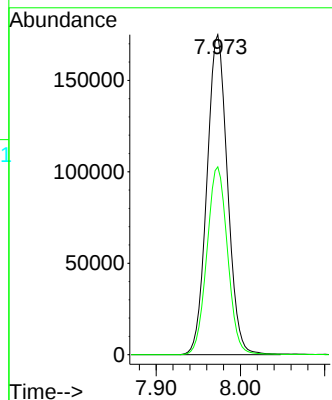
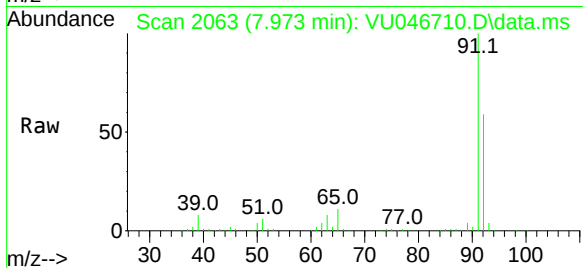
VSTD050158

Tgt Ion: 91 Resp: 297277

Ion Ratio Lower Upper

91 100

92 58.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 54.950 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU046710.D

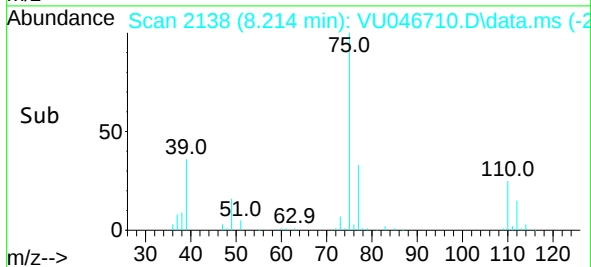
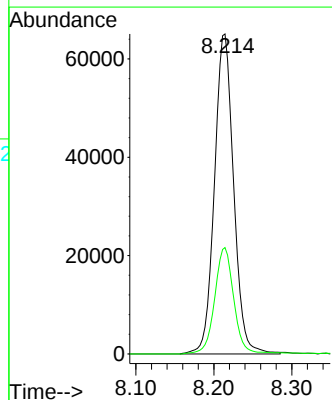
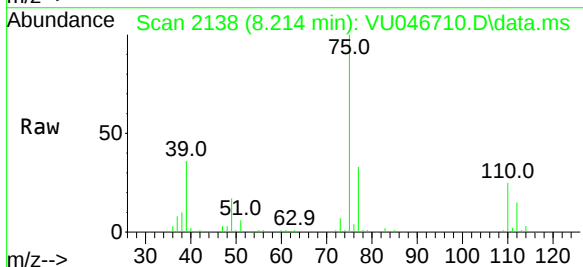
Acq: 10 Jan 2022 11:23

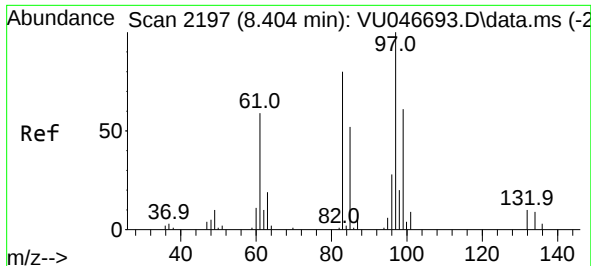
Tgt Ion: 75 Resp: 111545

Ion Ratio Lower Upper

75 100

77 33.2 23.0 42.8

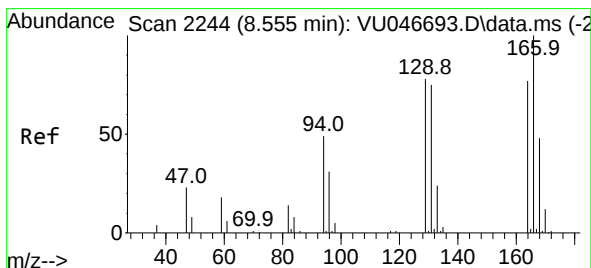
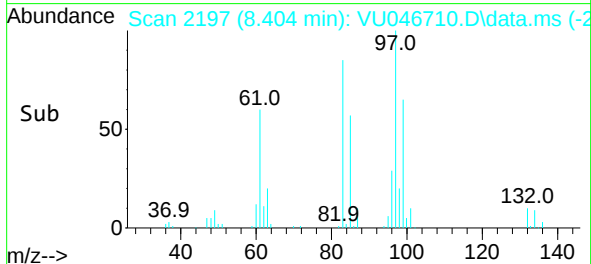
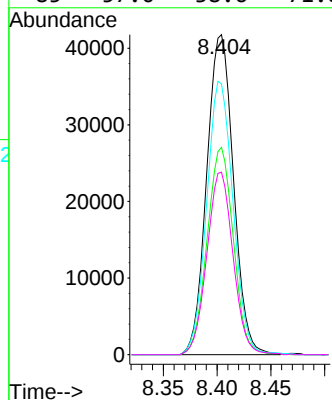
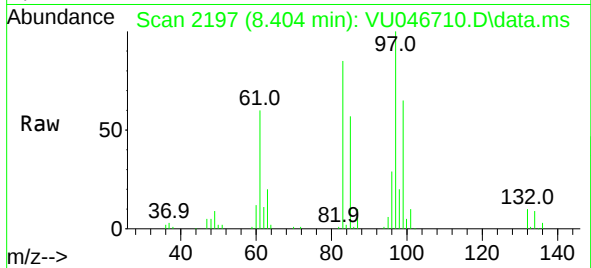




#45
1,1,2-Trichloroethane
Concen: 52.088 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

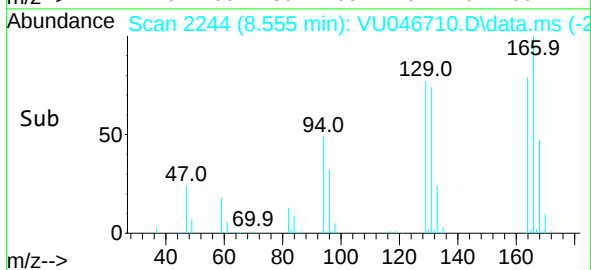
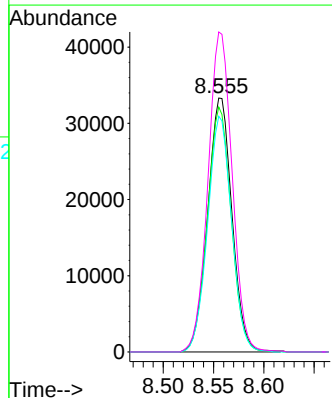
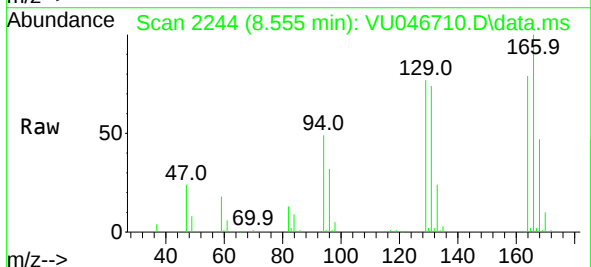
Instrument :
MSVOA_U
ClientSampleId :
VSTD050158

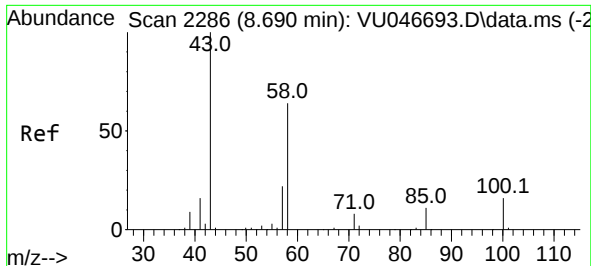
Tgt Ion: 97	Resp: 72368
Ion Ratio	Lower Upper
97 100	
99 64.8	42.4 78.8
83 84.6	59.4 110.4
85 57.0	38.6 71.8



#46
Tetrachloroethene
Concen: 53.034 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

Tgt	Ion:164	Resp:	56084
Ion	Ratio	Lower	Upper
164	100		
129	96.4	69.5	129.1
131	92.8	67.0	124.4
166	126.0	90.6	168.2



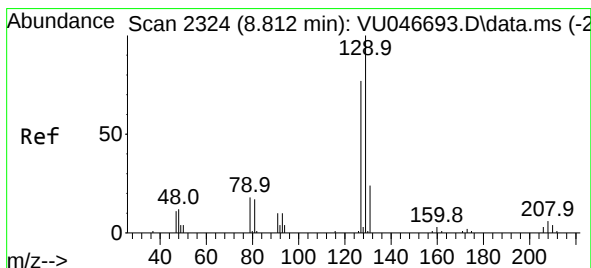
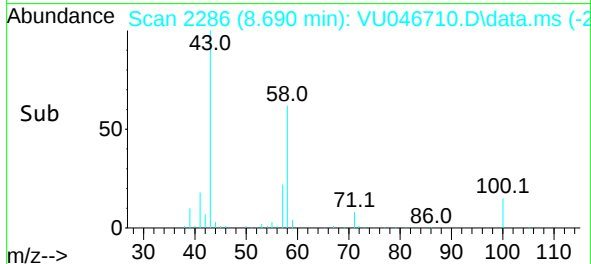
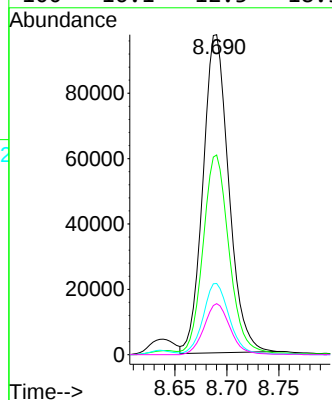
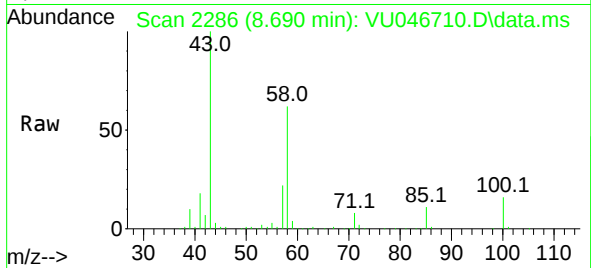


#48
2-Hexanone
Concen: 106.907 ug/L
RT: 8.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTD050158

Tgt Ion: 43 Resp: 168441

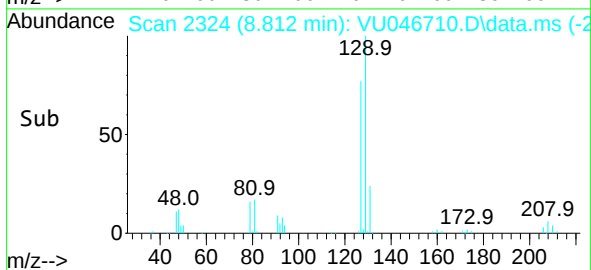
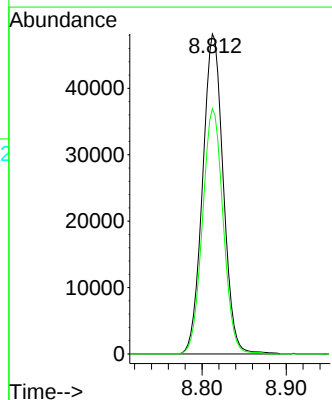
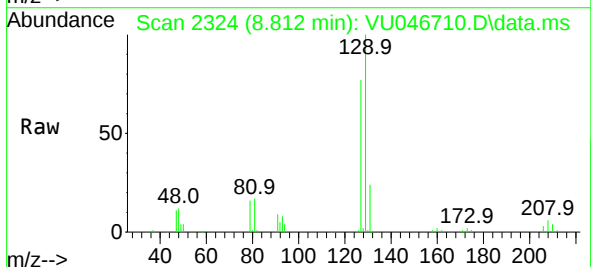
Ion	Ratio	Lower	Upper
43	100		
58	62.6	49.4	74.2
57	22.4	17.5	26.3
100	16.1	12.3	18.5

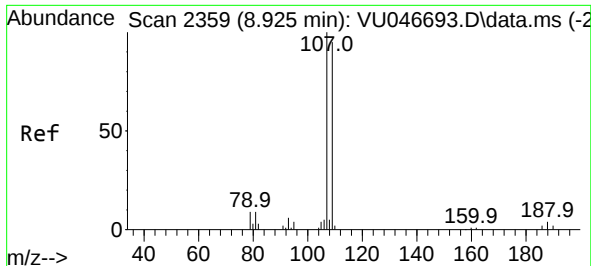


#49
Dibromochloromethane
Concen: 53.836 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

Tgt Ion: 129 Resp: 82148

Ion	Ratio	Lower	Upper
129	100		
127	76.6	54.5	101.3





#50

1,2-Dibromoethane

Concen: 55.057 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD050158

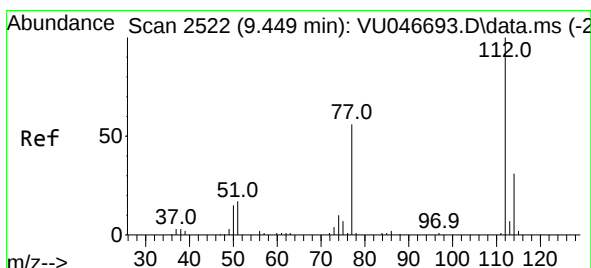
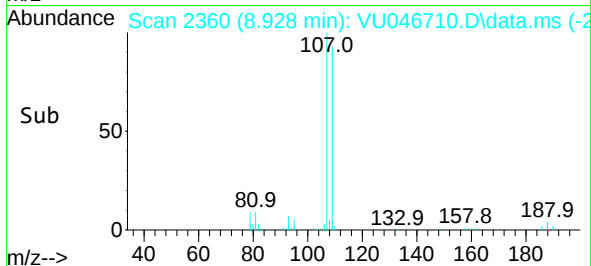
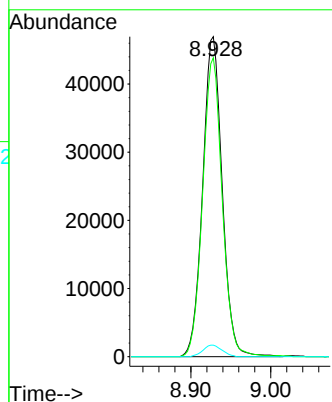
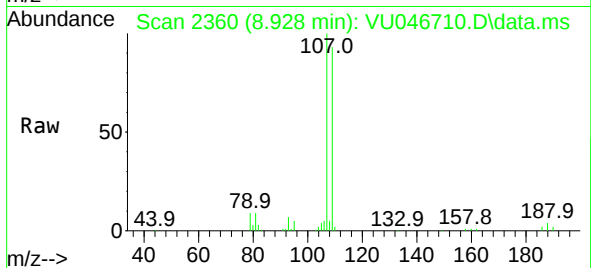
Tgt Ion:107 Resp: 79733

Ion Ratio Lower Upper

107 100

109 93.4 65.6 121.8

188 3.6 3.1 4.7



#51

Chlorobenzene

Concen: 53.218 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

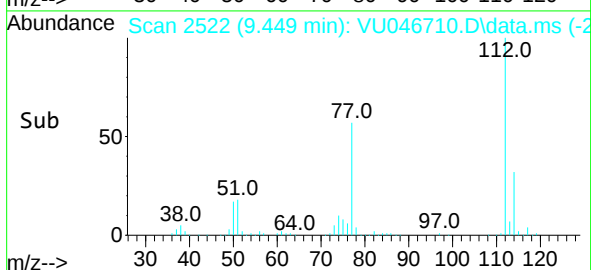
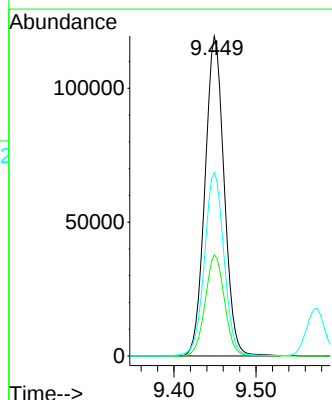
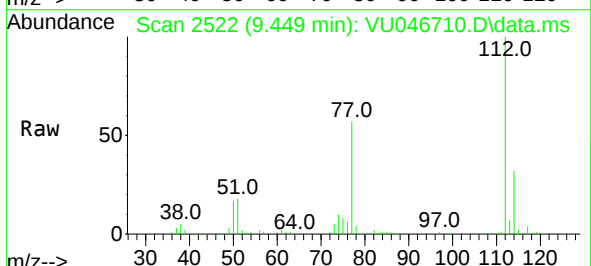
Tgt Ion:112 Resp: 193860

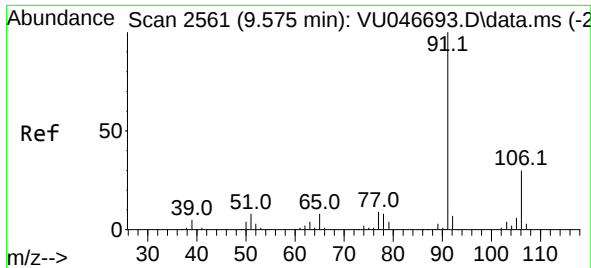
Ion Ratio Lower Upper

112 100

114 31.6 22.1 41.1

77 57.4 46.5 69.7

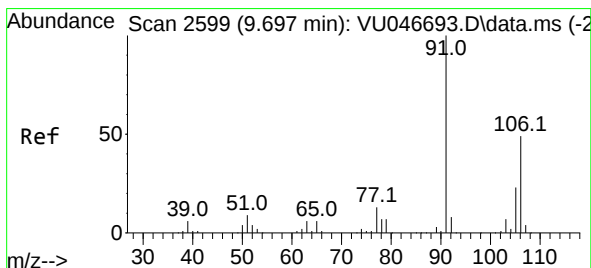
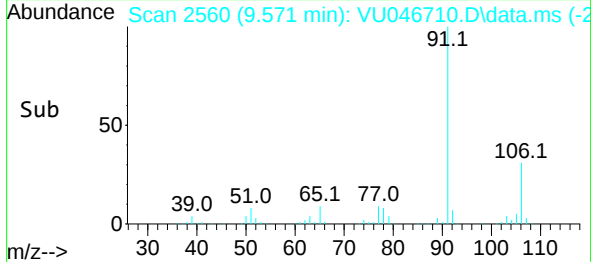
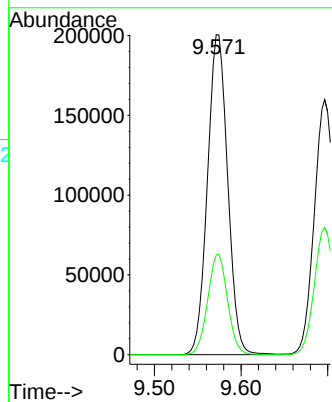
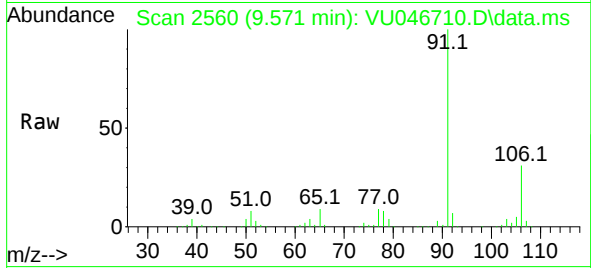




#52
Ethylbenzene
Concen: 54.716 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

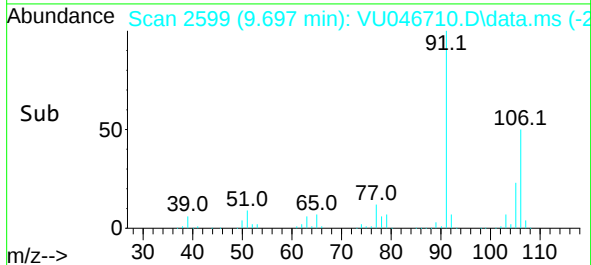
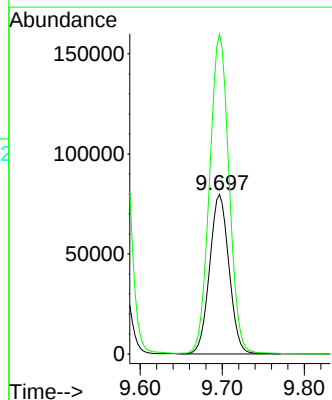
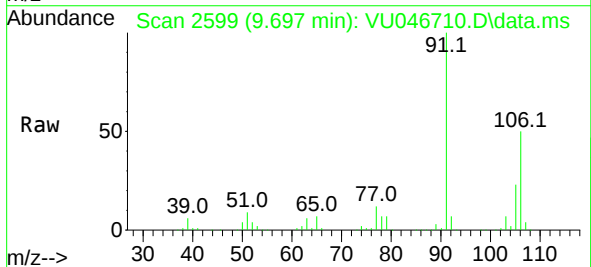
Instrument :
MSVOA_U
ClientSampleId :
VSTD050158

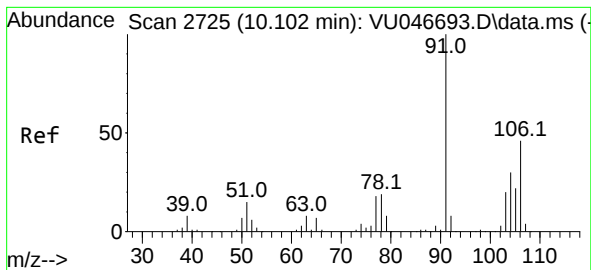
Tgt Ion: 91 Resp: 325321
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.4



#53
m,p-Xylene
Concen: 56.970 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

Tgt Ion:106 Resp: 130818
Ion Ratio Lower Upper
106 100
91 200.7 145.5 270.1





#54

o-xylene

Concen: 56.596 ug/L

RT: 10.102 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

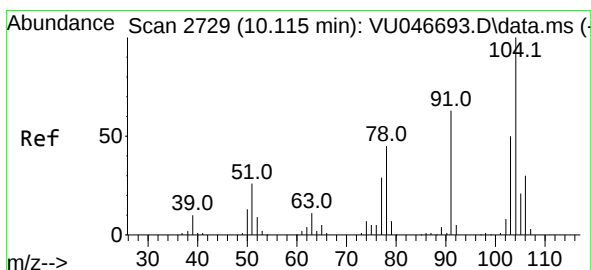
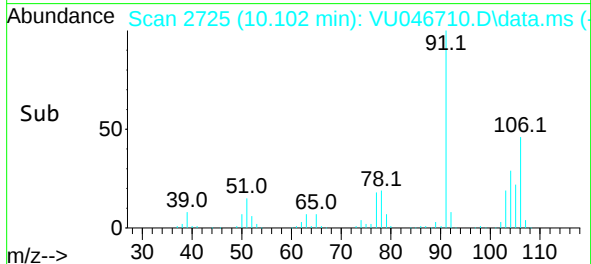
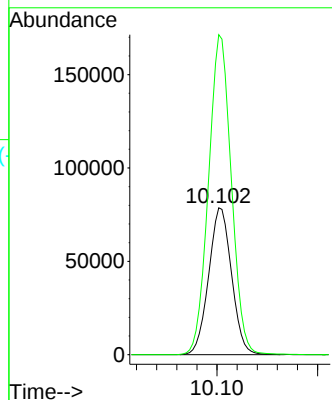
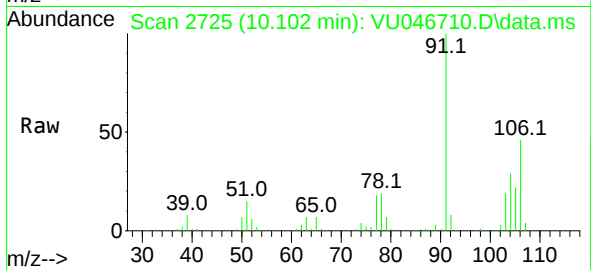
VSTD050158

Tgt Ion:106 Resp: 124273

Ion Ratio Lower Upper

106 100

91 217.9 152.0 282.2



#55

Styrene

Concen: 58.250 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.003 min

Lab File: VU046710.D

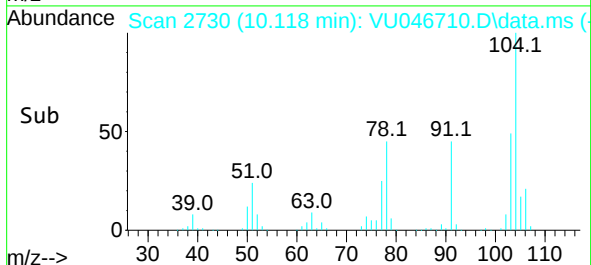
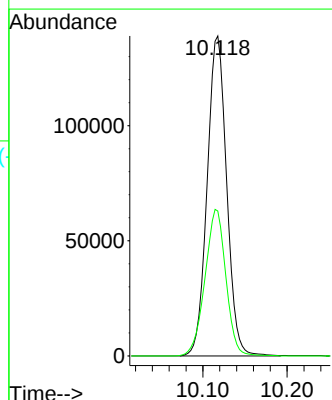
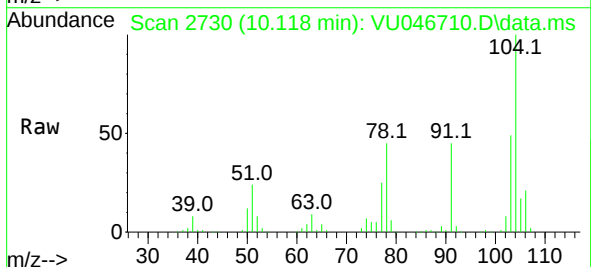
Acq: 10 Jan 2022 11:23

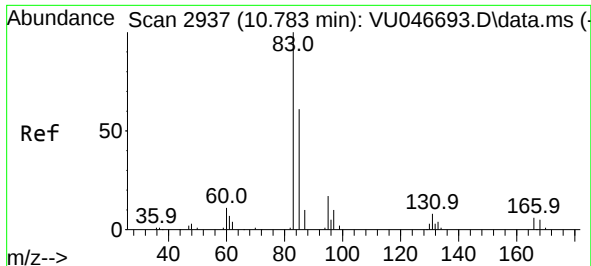
Tgt Ion:104 Resp: 223832

Ion Ratio Lower Upper

104 100

78 45.3 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 52.745 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD050158

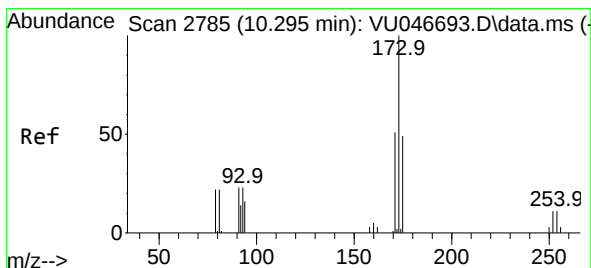
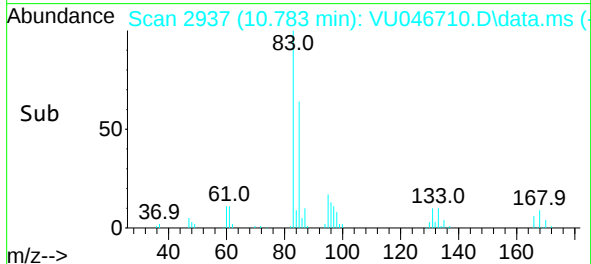
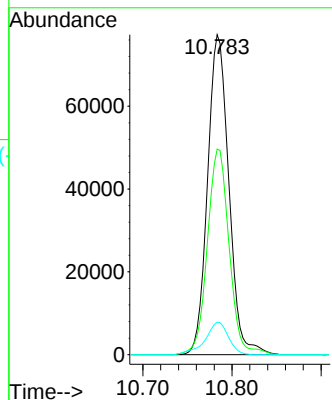
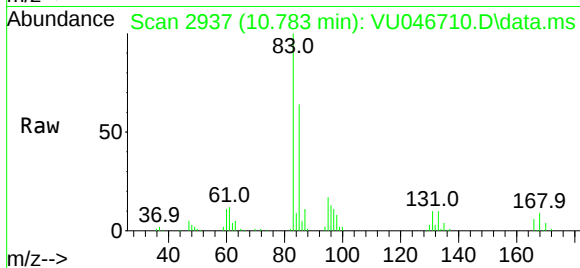
Tgt Ion: 83 Resp: 128164

Ion Ratio Lower Upper

83 100

85 64.3 44.7 83.1

131 10.1 7.8 11.6



#59

Bromoform

Concen: 52.115 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

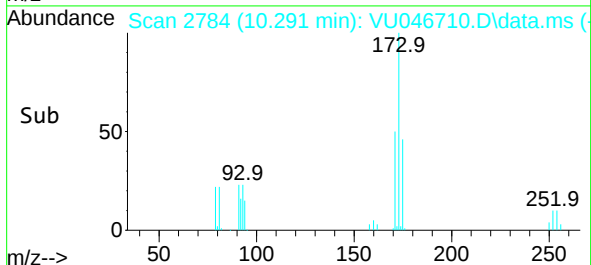
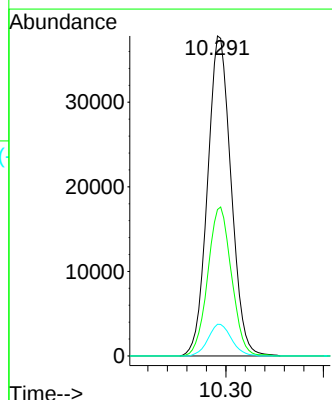
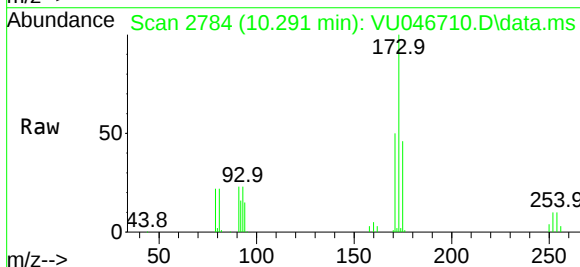
Tgt Ion: 173 Resp: 63396

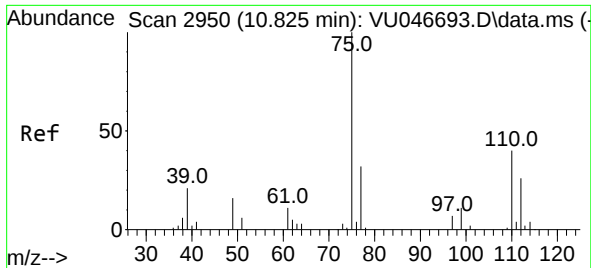
Ion Ratio Lower Upper

173 100

175 46.8 37.6 56.4

254 9.9 8.1 12.1

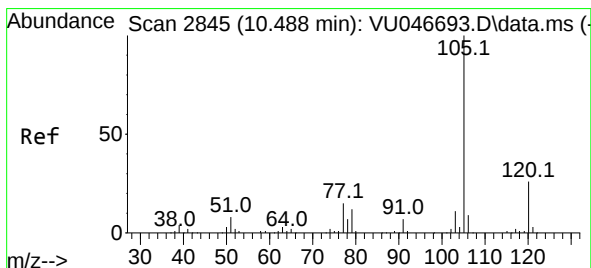
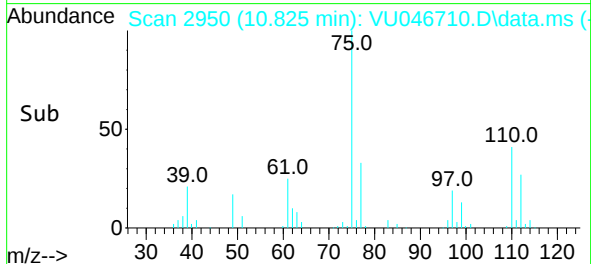
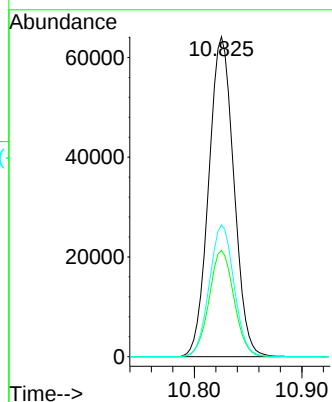
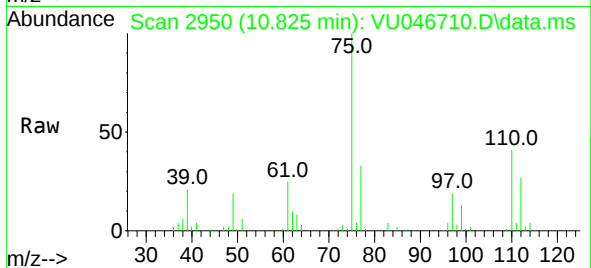




#60
1,2,3-Trichloropropane
Concen: 49.410 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

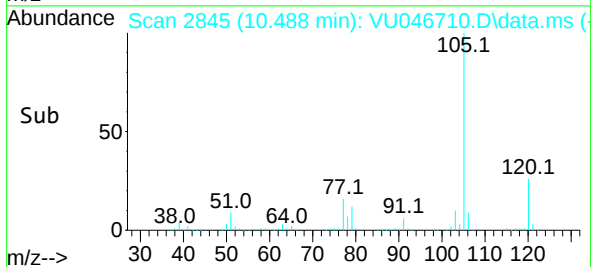
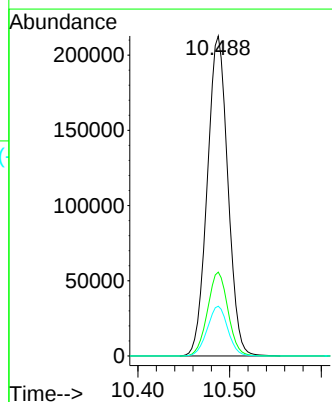
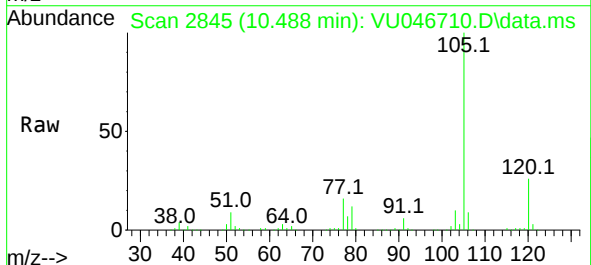
Instrument :
MSVOA_U
ClientSampleId :
VSTD050158

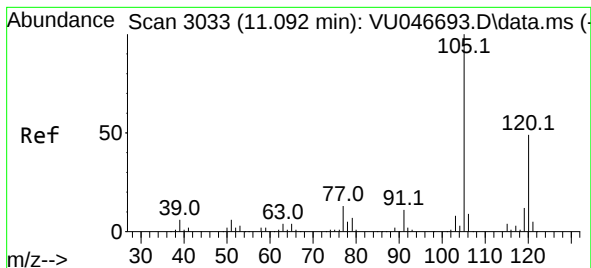
Tgt Ion: 75 Resp: 104083
Ion Ratio Lower Upper
75 100
77 32.9 26.2 39.2
110 40.6 32.5 48.7



#61
Isopropylbenzene
Concen: 54.235 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

Tgt Ion: 105 Resp: 331643
Ion Ratio Lower Upper
105 100
120 26.1 20.6 31.0
77 15.5 12.6 18.8





#62

1,3,5-Trimethylbenzene

Concen: 55.984 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. -0.000 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

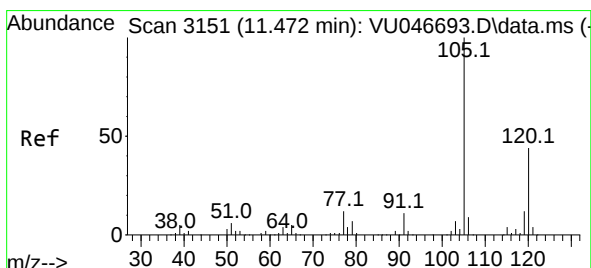
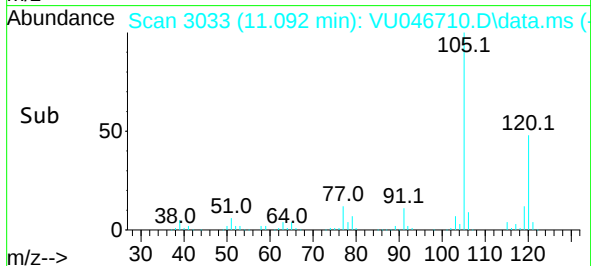
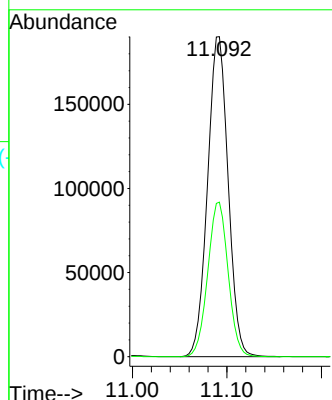
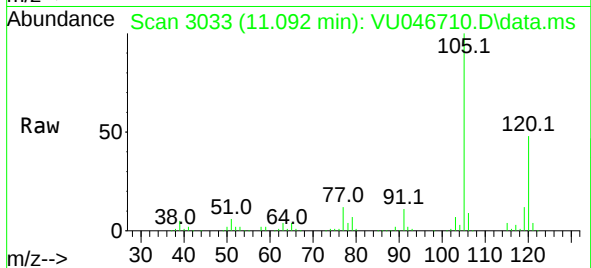
VSTD050158

Tgt Ion:105 Resp: 287776

Ion Ratio Lower Upper

105 100

120 47.8 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 56.833 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU046710.D

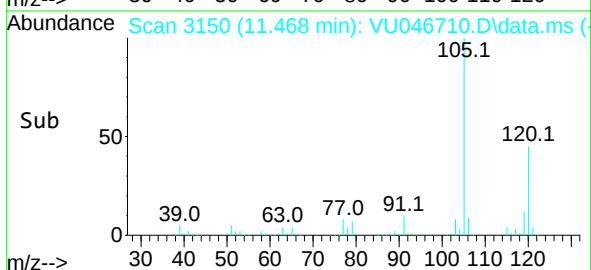
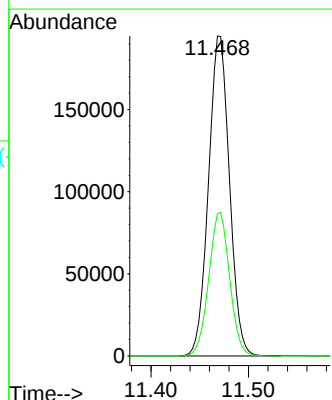
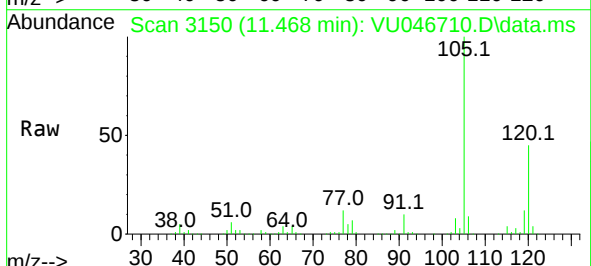
Acq: 10 Jan 2022 11:23

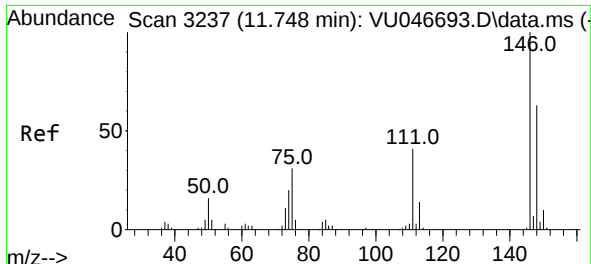
Tgt Ion:105 Resp: 291084

Ion Ratio Lower Upper

105 100

120 44.7 35.4 53.2

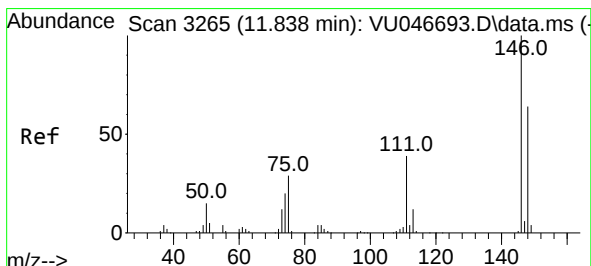
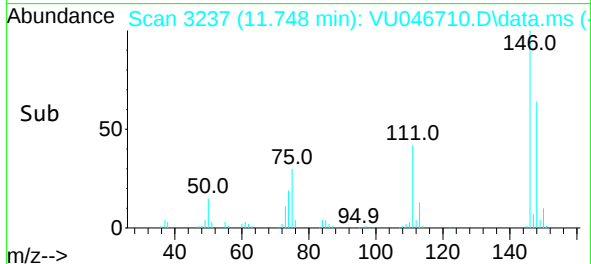
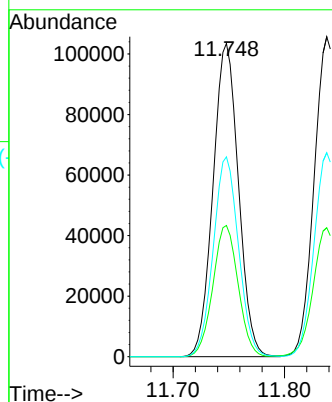
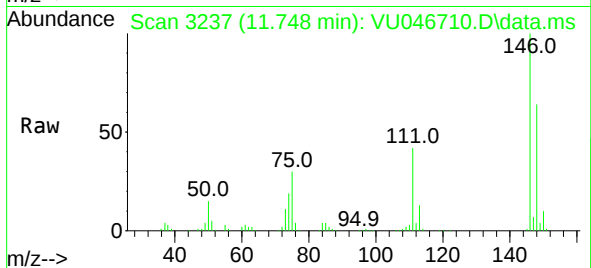




#64
1,3-Dichlorobenzene
Concen: 53.492 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

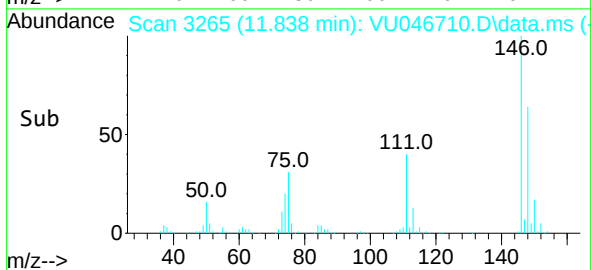
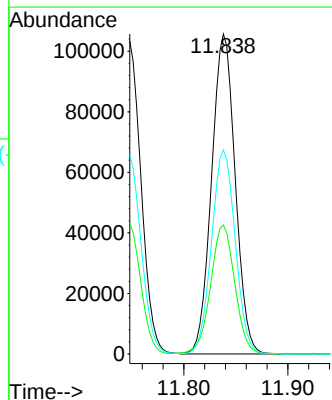
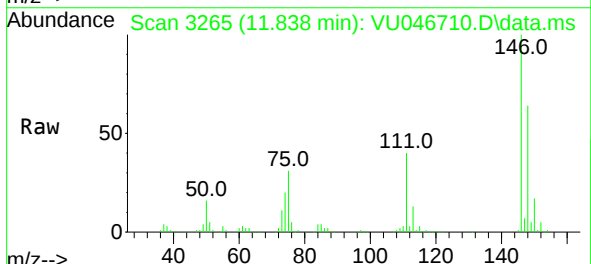
Instrument :
MSVOA_U
ClientSampleId :
VSTD050158

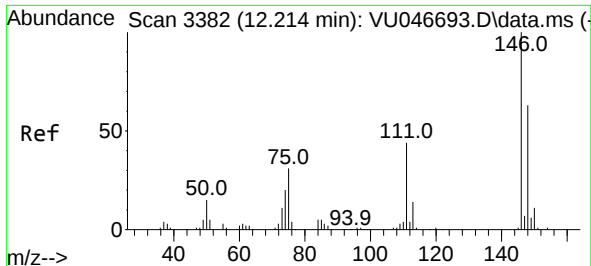
Tgt Ion:146 Resp: 163953
Ion Ratio Lower Upper
146 100
111 41.9 29.4 54.6
148 63.8 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 52.290 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

Tgt Ion:146 Resp: 166995
Ion Ratio Lower Upper
146 100
111 40.3 28.9 53.7
148 63.7 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 52.730 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD050158

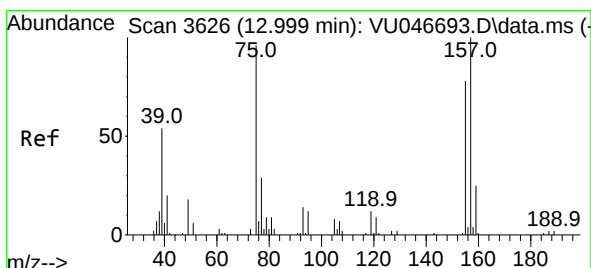
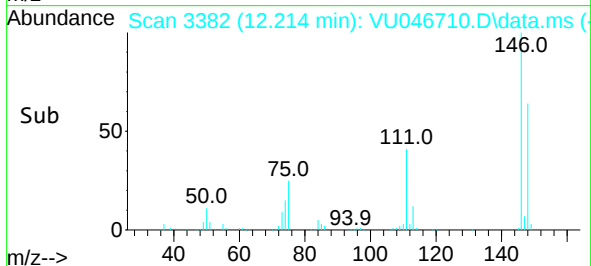
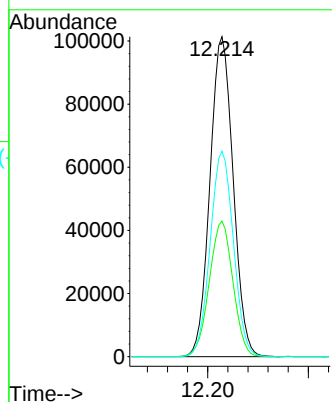
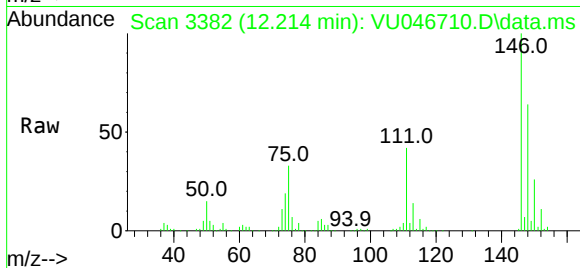
Tgt Ion:146 Resp: 162438

Ion Ratio Lower Upper

146 100

111 42.4 34.2 51.4

148 64.2 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 49.518 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU046710.D

Acq: 10 Jan 2022 11:23

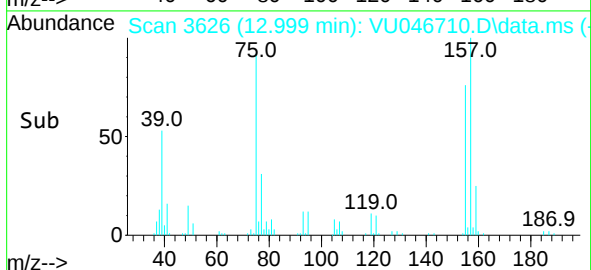
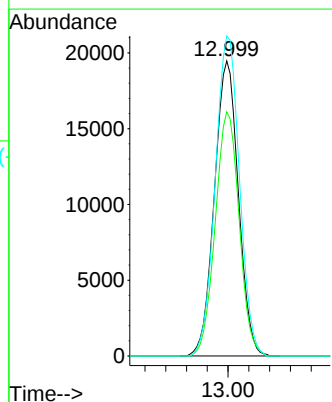
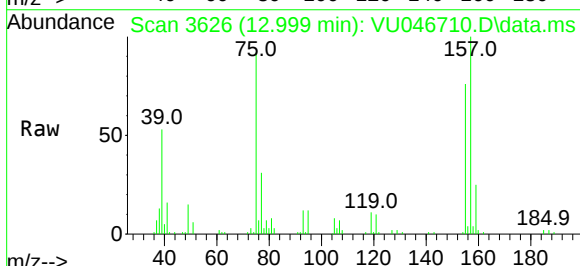
Tgt Ion: 75 Resp: 31226

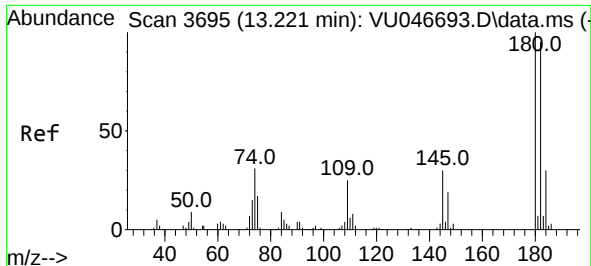
Ion Ratio Lower Upper

75 100

155 82.7 65.0 97.4

157 108.5 79.7 119.5

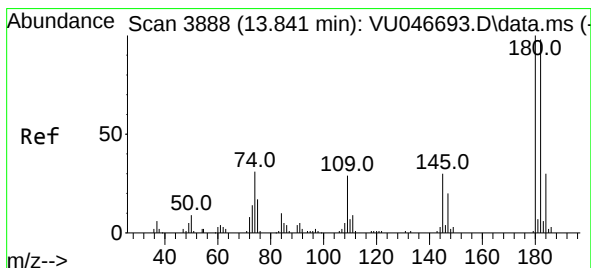
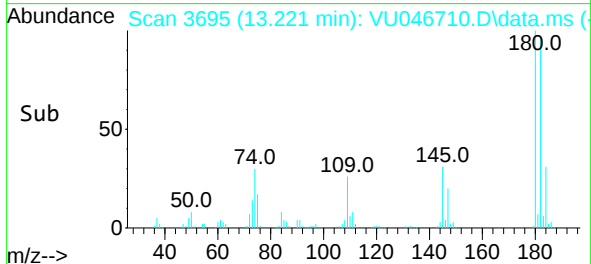
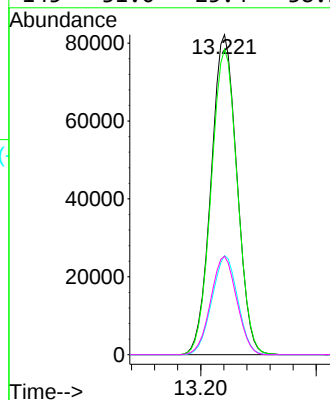
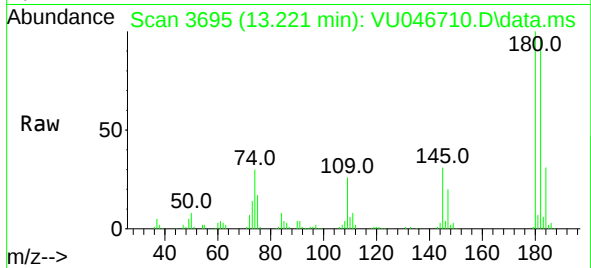




#69
1,3,5-Trichlorobenzene
Concen: 54.326 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

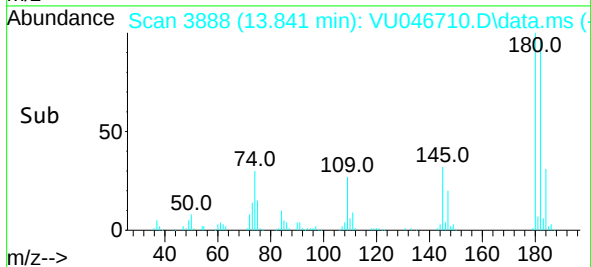
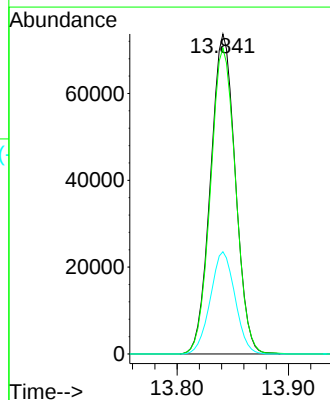
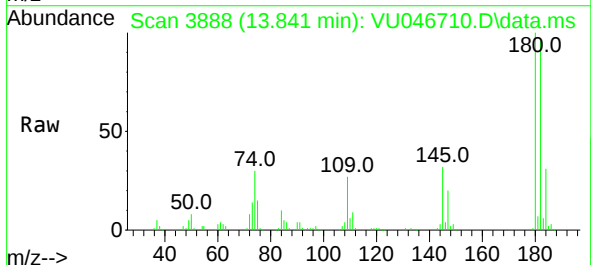
Instrument :
MSVOA_U
ClientSampleId :
VSTD050158

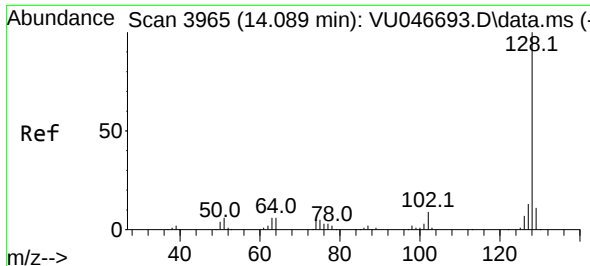
Tgt Ion:180 Resp: 127530
Ion Ratio Lower Upper
180 100
182 96.5 77.0 115.6
184 31.0 24.7 37.1
145 31.0 25.4 38.2



#70
1,2,4-trichlorobenzene
Concen: 56.808 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

Tgt Ion:180 Resp: 113997
Ion Ratio Lower Upper
180 100
182 96.4 76.6 114.8
145 31.8 25.2 37.8

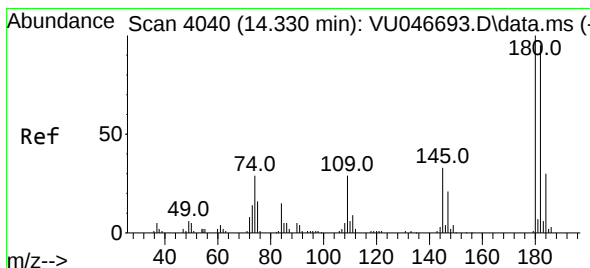
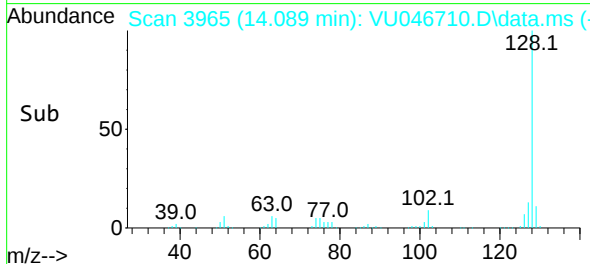
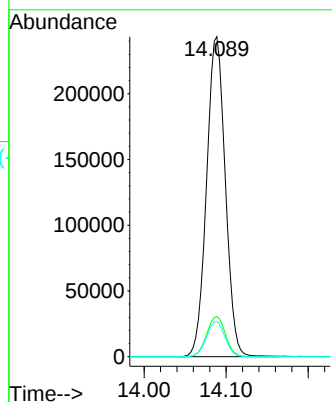
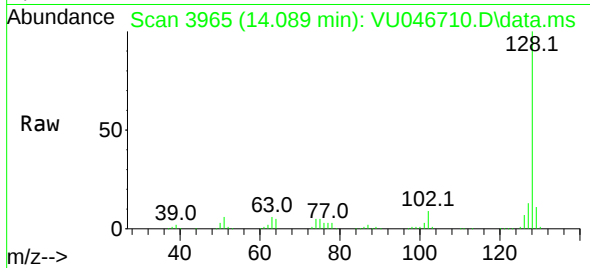




#71
Naphthalene
Concen: 59.060 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTD050158

Tgt Ion:128 Resp: 385457
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 57.313 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046710.D
Acq: 10 Jan 2022 11:23

Tgt Ion:180 Resp: 116216
Ion Ratio Lower Upper
180 100
182 95.7 76.6 115.0
145 33.0 27.4 41.2

