

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U080222\
 Data File : U050044.D
 Acq On : 02 Aug 2022 10:21
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005142

Quant Time: Aug 03 00:46:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 30 01:40:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	93859	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	91572	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43970	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44164	5.480	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.600%		
7) Chloroethane-d5	1.912	69	33637	5.811	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 116.200%		
11) 1,1-Dichloroethene-d2	2.565	65	16824	6.057	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 121.200%		
20) 2-Butanone-d5	4.645	46	105512	58.817	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 117.640%		
24) Chloroform-d	5.063	84	72399	5.429	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.600%		
26) 1,2-Dichloroethane-d4	5.703	65	35967	5.352	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.000%		
32) Benzene-d6	5.729	84	143952	5.320	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.400%		
36) 1,2-Dichloropropane-d6	6.690	67	46756	5.274	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 105.400%		
41) Toluene-d8	7.899	98	131548	5.470	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 109.400%		
43) trans-1,3-Dichloroprop...	8.182	79	17294	5.566	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 111.400%		
46) 2-Hexanone-d5	8.639	63	63982	55.012	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 110.020%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41874	5.622	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 112.400%		
66) 1,2-Dichlorobenzene-d4	12.195	152	42052	5.156	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 103.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	41322	5.704	ug/L	100
3) Chloromethane	1.520	50	42478	4.949	ug/L	100
5) Vinyl chloride	1.604	62	43987	5.452	ug/L	97
6) Bromomethane	1.858	94	25310	5.668	ug/L	96
8) Chloroethane	1.935	64	26676	5.832	ug/L	99
9) Trichlorofluoromethane	2.137	101	57133	6.013	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	33118	5.920	ug/L	99
12) 1,1-Dichloroethene	2.575	96	29658	5.725	ug/L	86
13) Acetone	2.649	43	67773	53.749	ug/L	92
14) Carbon disulfide	2.784	76	78631	4.997	ug/L	100
15) Methyl Acetate	2.961	43	15890	6.074	ug/L	97
16) Methylene chloride	3.041	84	44105	5.537	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	82935	5.727	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	32145	5.646	ug/L	100
19) 1,1-Dichloroethane	3.867	63	65953	5.647	ug/L	99
21) 2-Butanone	4.723	43	115996	63.871	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	37918	5.572	ug/L	99
23) Bromochloromethane	4.977	128	18236	5.851	ug/L	96
25) Chloroform	5.089	83	71926	5.495	ug/L	98

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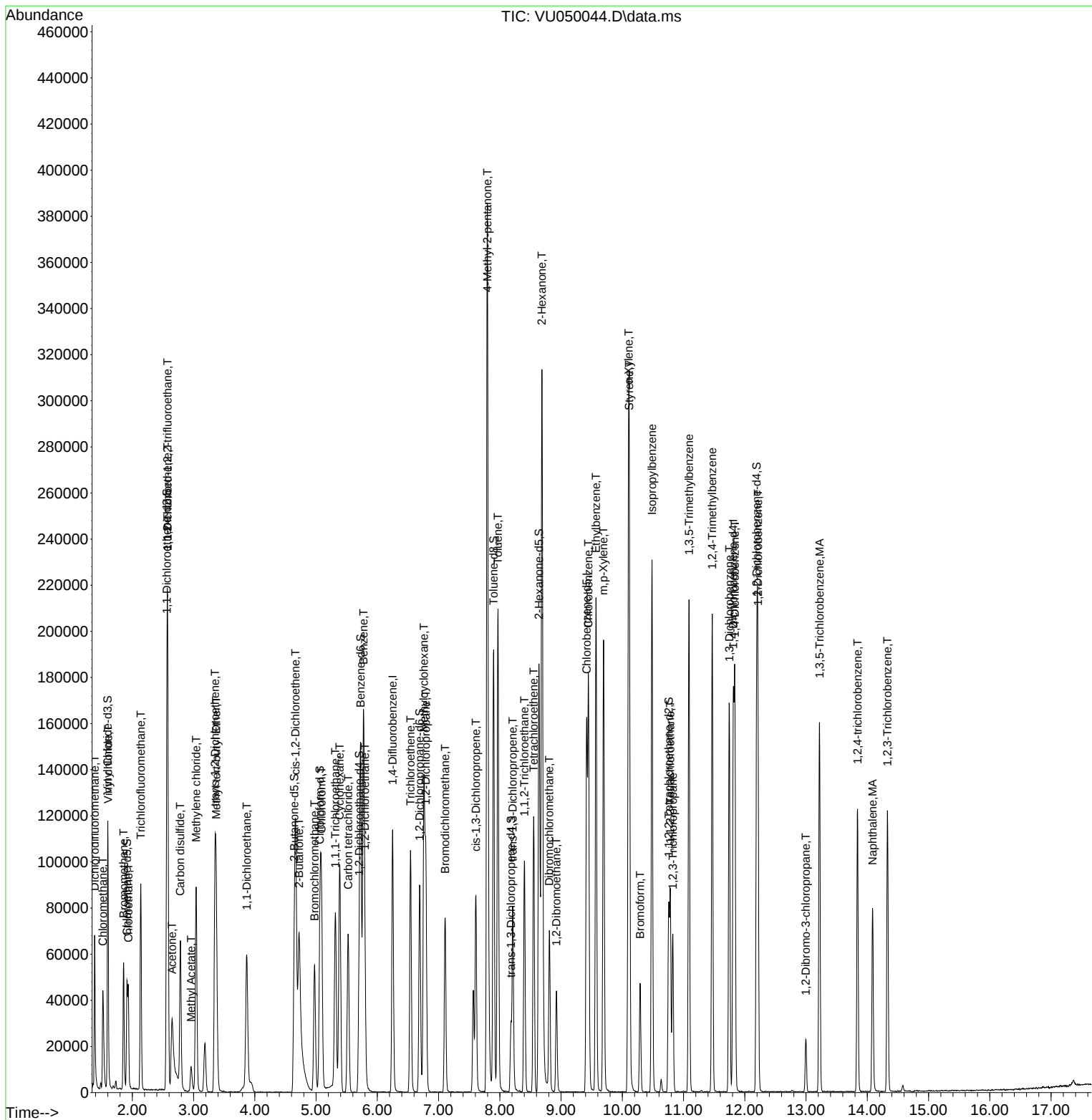
Instrument :
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 ClientSampleId :
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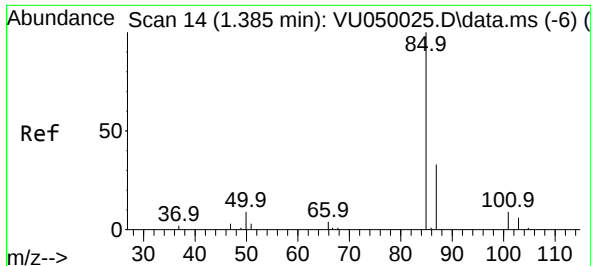
Quant Time: Aug 03 00:46:41 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	42056	5.757	ug/L	95
29) 1,1,1-Trichloroethane	5.314	97	56851	5.847	ug/L	99
30) Cyclohexane	5.385	56	45878	5.590	ug/L	99
31) Carbon tetrachloride	5.523	117	47766	6.047	ug/L	100
33) Benzene	5.774	78	151391	5.664	ug/L	100
34) Trichloroethene	6.542	95	36853	5.673	ug/L	98
35) Methylcyclohexane	6.761	83	50046	5.841	ug/L	97
37) 1,2-Dichloropropane	6.793	63	42441	5.762	ug/L	100
38) Bromodichloromethane	7.105	83	51707	5.802	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	53288	5.591	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	263227	61.851	ug/L	100
42) Toluene	7.970	91	157770	5.805	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	47433	5.926	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	32977	5.992	ug/L	99
47) Tetrachloroethene	8.552	164	26477	5.663	ug/L	94
48) 2-Hexanone	8.687	43	207372	63.921	ug/L	98
49) Dibromochloromethane	8.809	129	36623	6.081	ug/L	99
50) 1,2-Dibromoethane	8.925	107	29342	6.004	ug/L	93
51) Chlorobenzene	9.446	112	96667	5.603	ug/L	98
52) Ethylbenzene	9.571	91	150611	5.657	ug/L	99
53) m,p-Xylene	9.693	106	57914	5.713	ug/L	100
54) o-Xylene	10.102	106	56788	5.778	ug/L	97
55) Styrene	10.115	104	98448	5.881	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	44151	6.163	ug/L	98
59) Bromoform	10.291	173	21492	6.081	ug/L	99
60) Isopropylbenzene	10.484	105	146991	5.659	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	29812	5.838	ug/L	95
62) 1,3,5-Trimethylbenzene	11.089	105	115861	5.490	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	113367	5.543	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	72207	5.806	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	69213	5.624	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	70359	5.694	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	6518	6.462	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	51246	5.715	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	38159	5.335	ug/L	99
71) Naphthalene	14.089	128	67061	4.728	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	38649	5.444	ug/L	98

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

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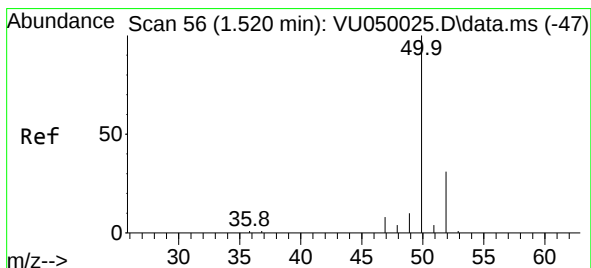
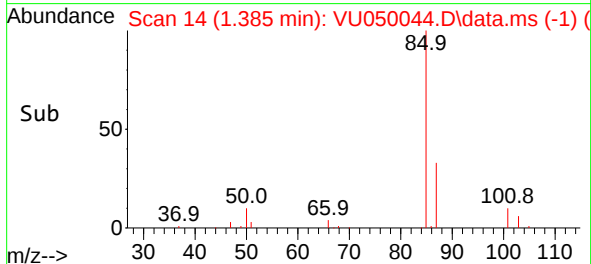
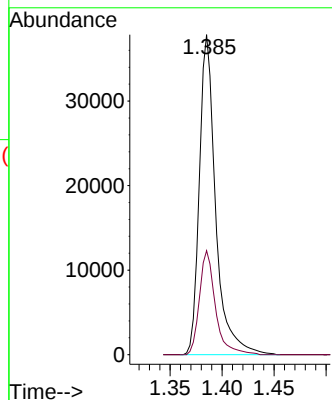
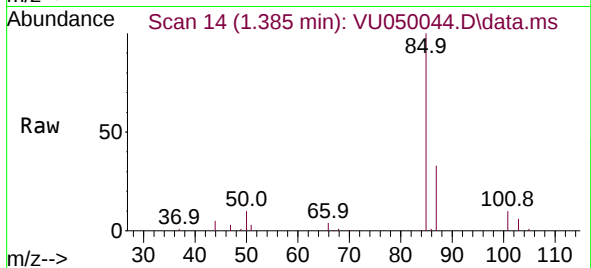




#2
Dichlorodifluoromethane
Concen: 5.704 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

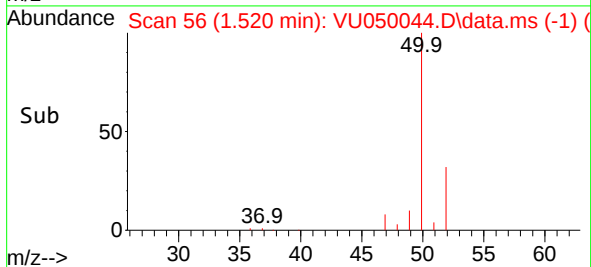
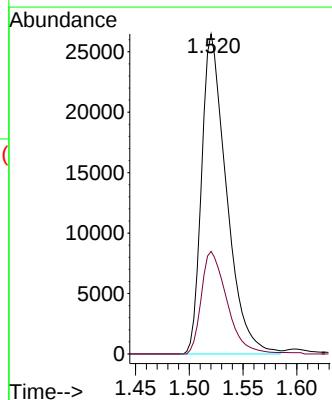
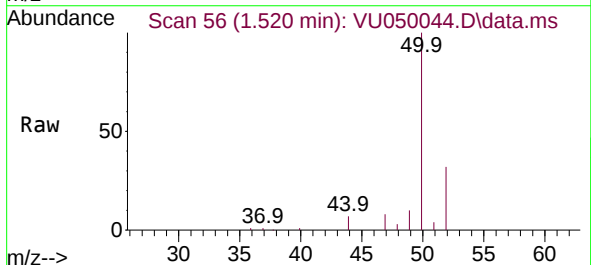
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

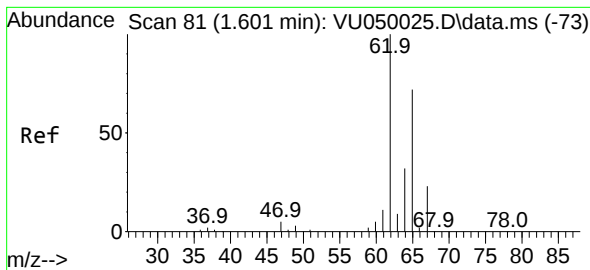
Tgt Ion: 85 Resp: 41322
Ion Ratio Lower Upper
85 100
87 31.9 25.7 38.5



#3
Chloromethane
Concen: 4.949 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

Tgt Ion: 50 Resp: 42478
Ion Ratio Lower Upper
50 100
52 32.0 22.4 41.6





#5

Vinyl chloride

Concen: 5.452 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.003 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

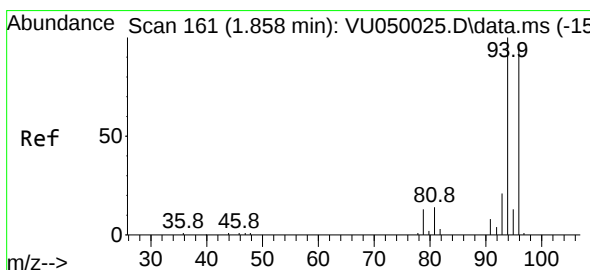
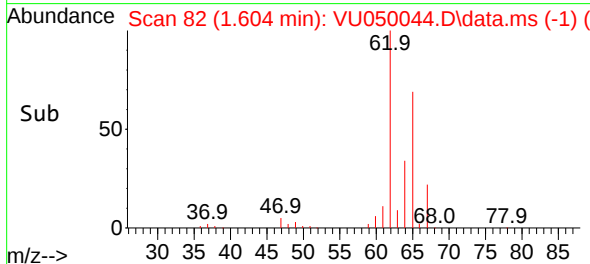
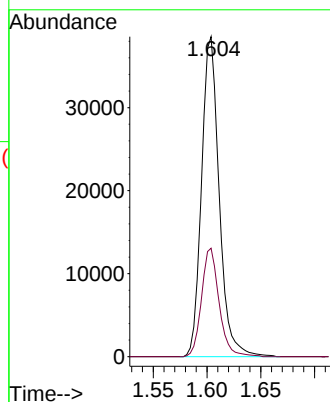
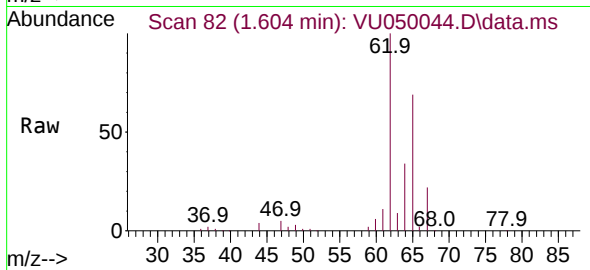
VSTD005142

Tgt Ion: 62 Resp: 43987

Ion Ratio Lower Upper

62 100

64 33.9 22.5 41.9



#6

Bromomethane

Concen: 5.668 ug/L

RT: 1.858 min Scan# 161

Delta R.T. -0.000 min

Lab File: VU050044.D

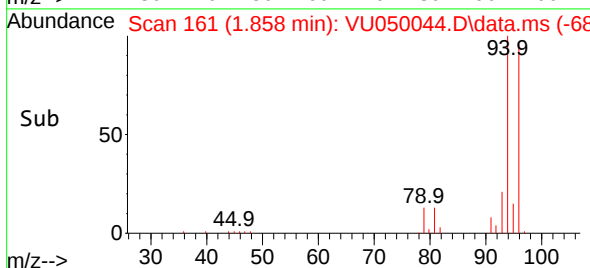
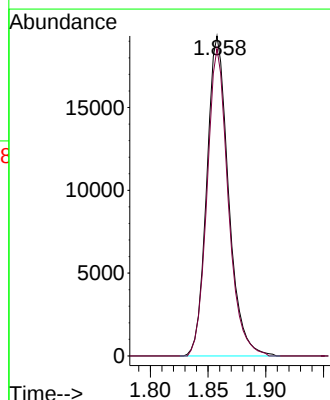
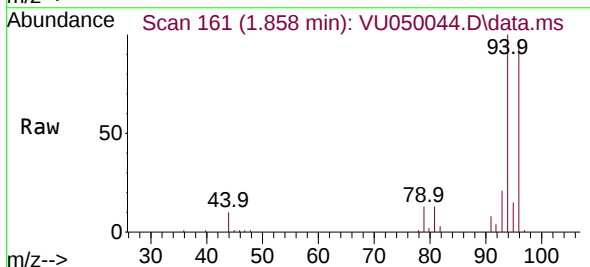
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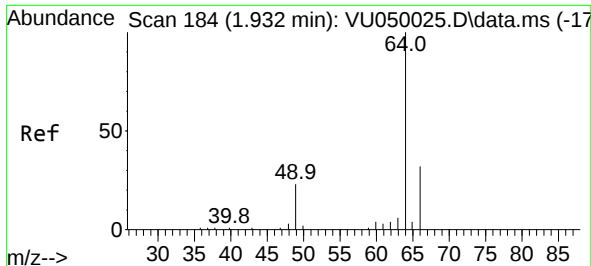
Tgt Ion: 94 Resp: 25310

Ion Ratio Lower Upper

94 100

96 96.1 64.5 119.9

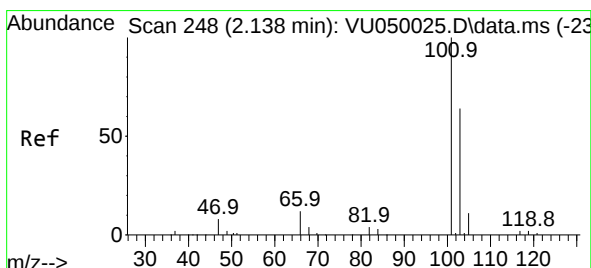
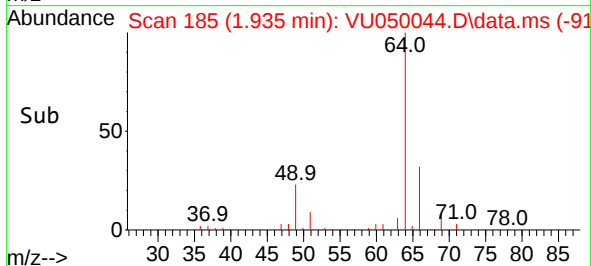
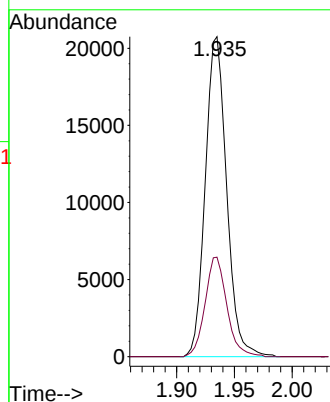
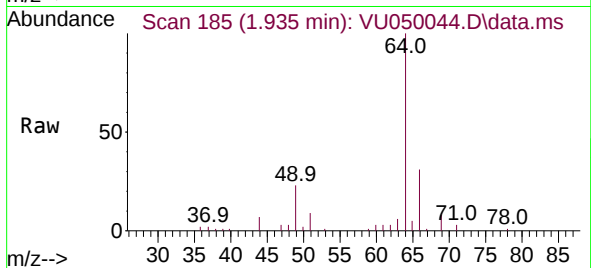




#8
Chloroethane
Concen: 5.832 ug/L
RT: 1.935 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

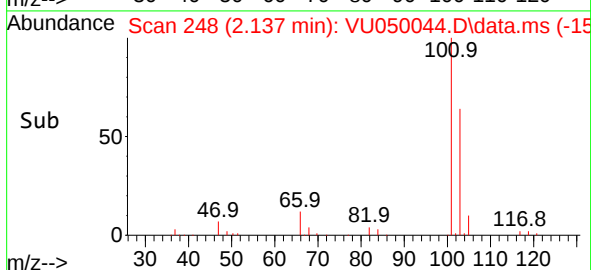
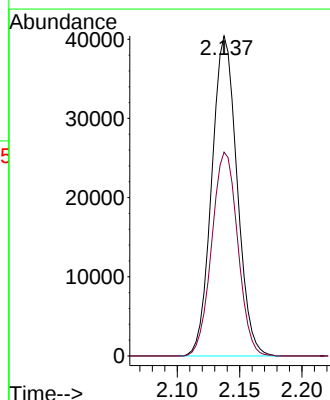
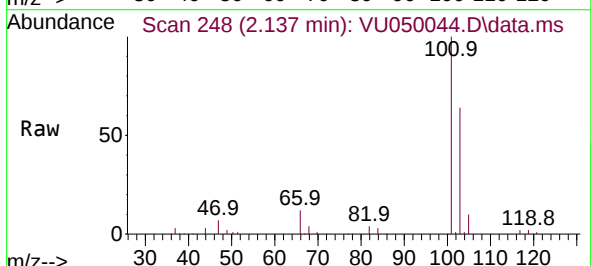
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

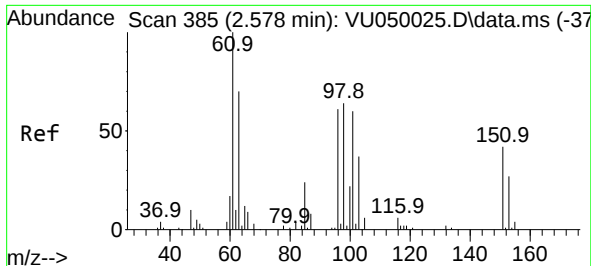
Tgt Ion: 64 Resp: 26676
Ion Ratio Lower Upper
64 100
66 31.1 21.4 39.8



#9
Trichlorofluoromethane
Concen: 6.013 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

Tgt Ion: 101 Resp: 57133
Ion Ratio Lower Upper
101 100
103 65.5 51.0 76.6

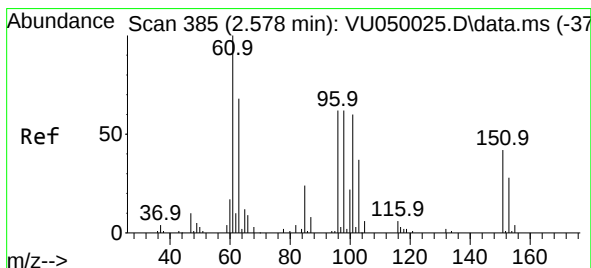
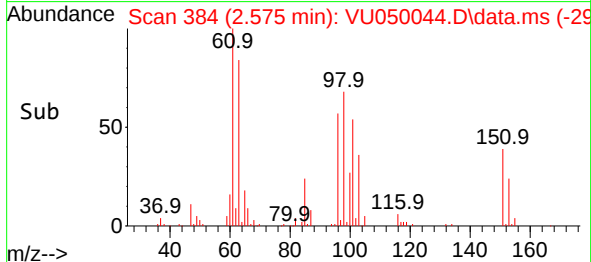
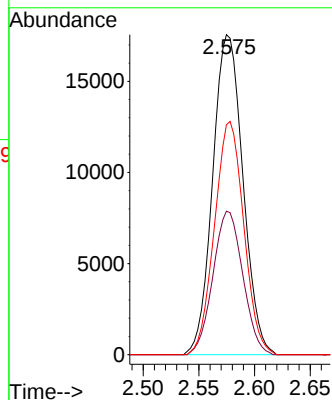
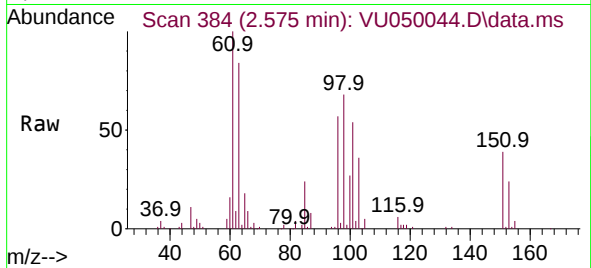




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.920 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU050044.D
 Acq: 02 Aug 2022 10:21

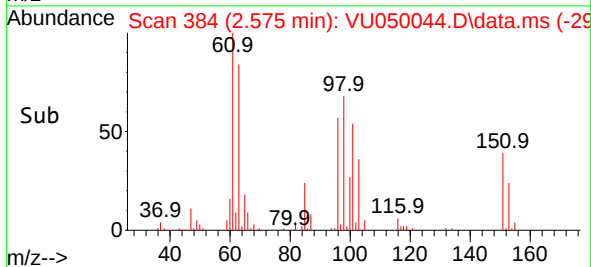
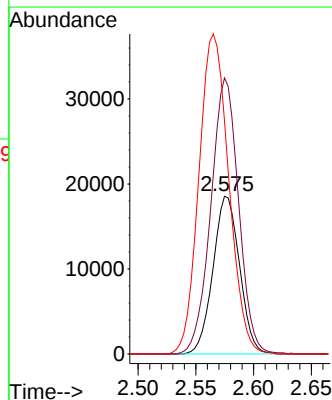
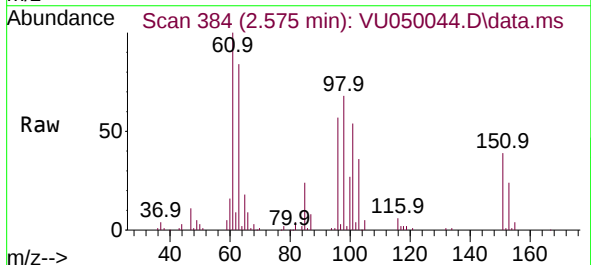
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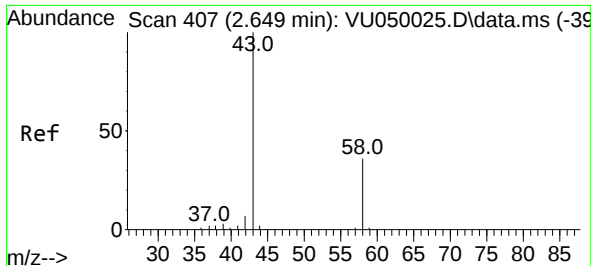
Tgt Ion:101 Resp: 33118
 Ion Ratio Lower Upper
 101 100
 85 44.3 34.1 51.1
 151 70.8 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 5.725 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU050044.D
 Acq: 02 Aug 2022 10:21

Tgt Ion: 96 Resp: 29658
 Ion Ratio Lower Upper
 96 100
 61 175.0 115.7 214.9
 63 147.5 84.8 157.4





#13

Acetone

Concen: 53.749 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.000 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

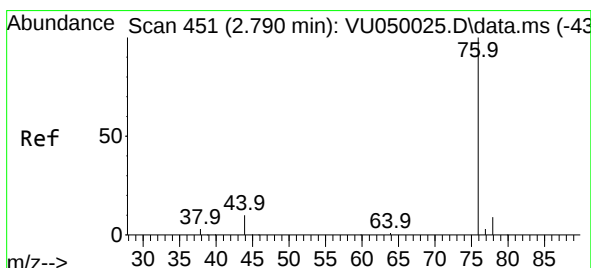
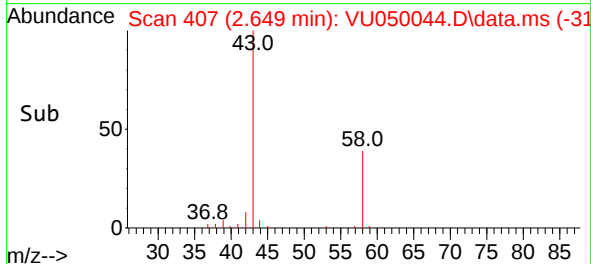
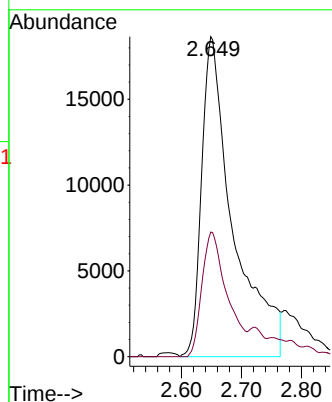
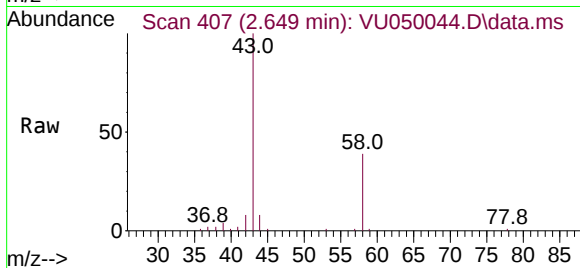
VSTD005142

Tgt Ion: 43 Resp: 67773

Ion Ratio Lower Upper

43 100

58 31.6 0.0 73.0



#14

Carbon disulfide

Concen: 4.997 ug/L

RT: 2.784 min Scan# 449

Delta R.T. -0.007 min

Lab File: VU050044.D

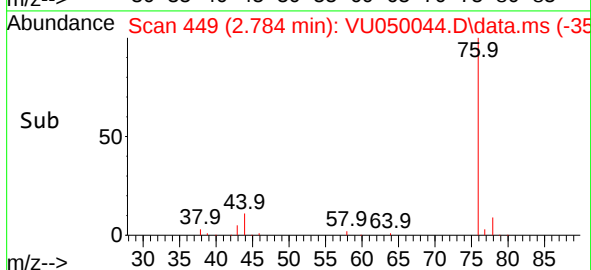
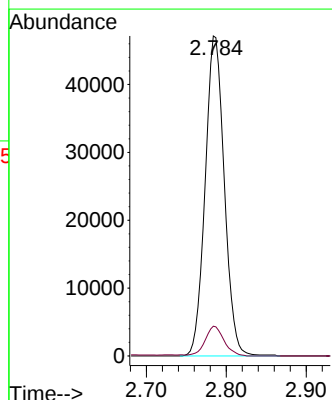
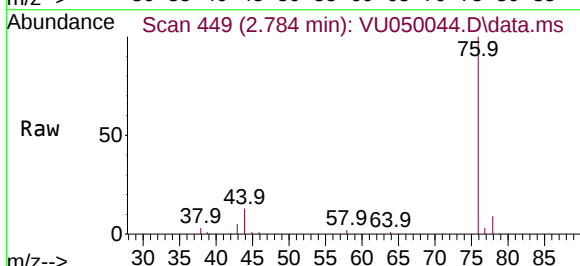
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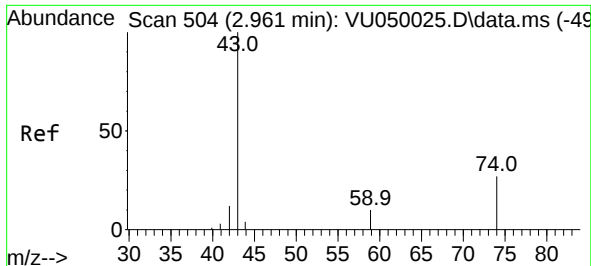
Tgt Ion: 76 Resp: 78631

Ion Ratio Lower Upper

76 100

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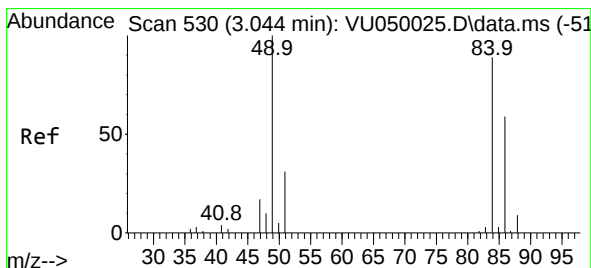
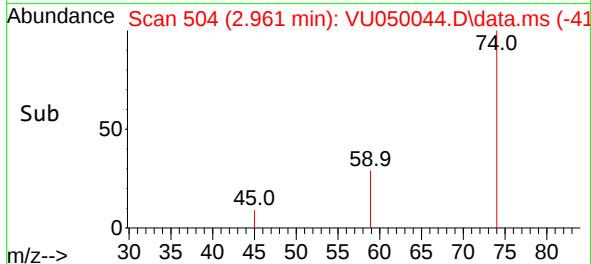
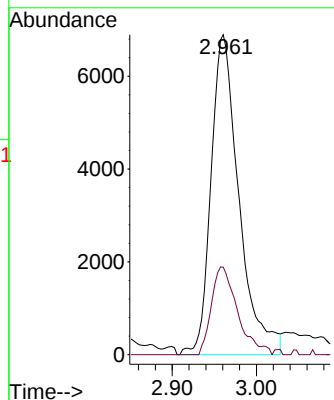
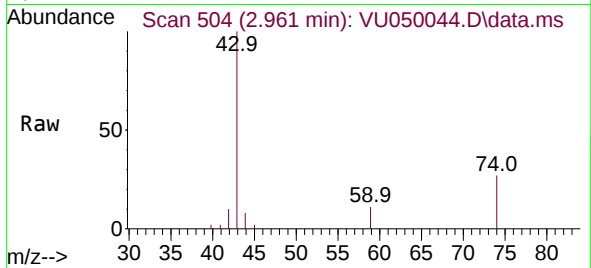




#15
Methyl Acetate
Concen: 6.074 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

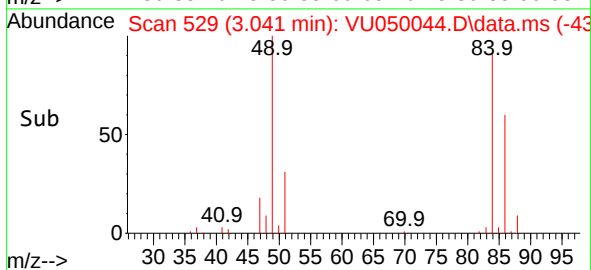
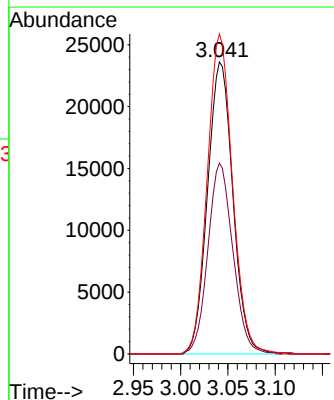
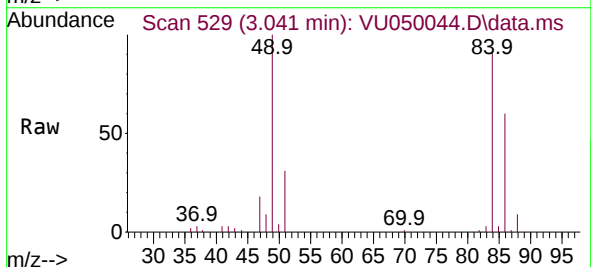
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

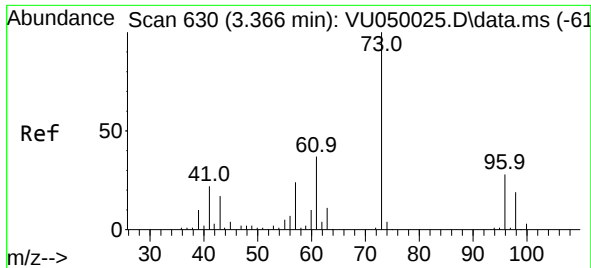
Tgt Ion: 43 Resp: 15890
Ion Ratio Lower Upper
43 100
74 25.7 21.6 32.4



#16
Methylene chloride
Concen: 5.537 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

Tgt Ion: 84 Resp: 44105
Ion Ratio Lower Upper
84 100
86 65.4 45.2 84.0
49 109.6 77.6 144.0





#17

Methyl tert-butyl Ether

Concen: 5.727 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTD005142

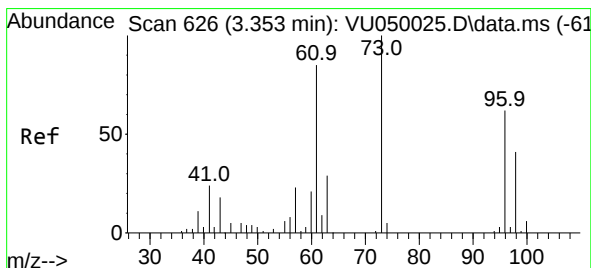
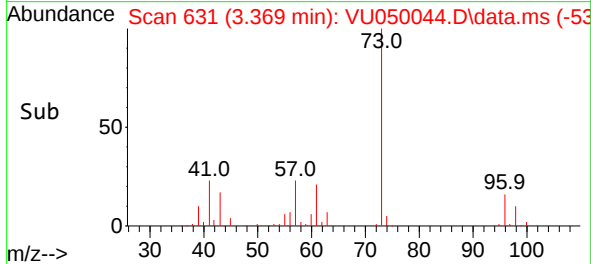
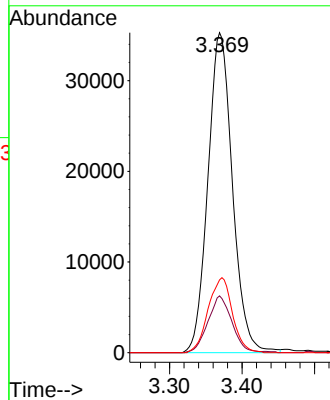
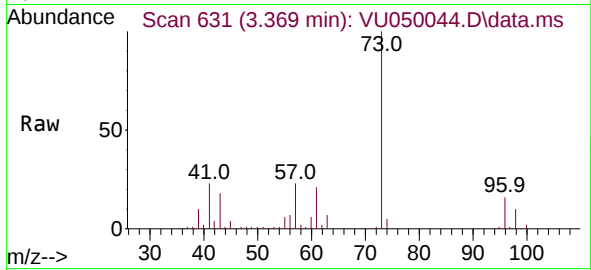
Tgt Ion: 73 Resp: 82935

Ion Ratio Lower Upper

73 100

43 17.2 13.8 20.6

57 23.1 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 5.646 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

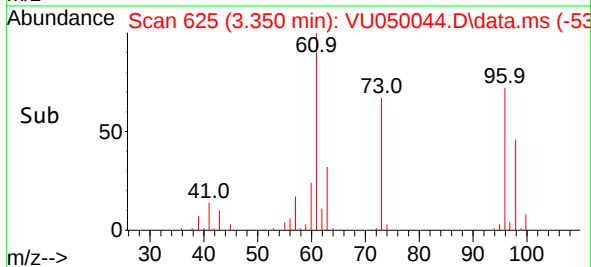
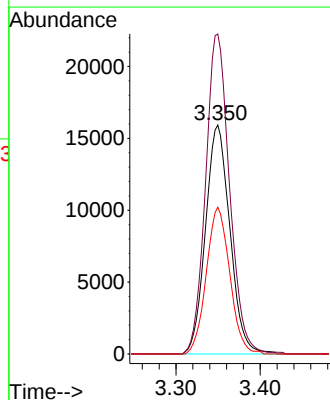
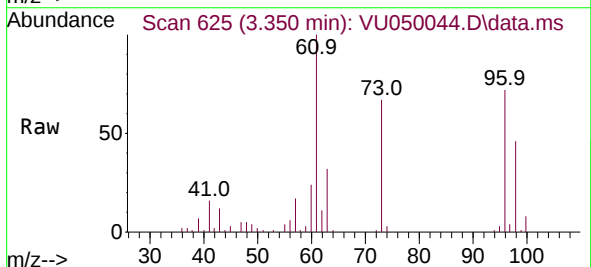
Tgt Ion: 96 Resp: 32145

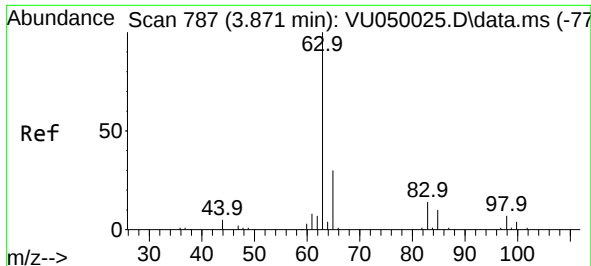
Ion Ratio Lower Upper

96 100

61 139.8 98.0 182.0

98 64.1 44.5 82.7





#19

1,1-Dichloroethane

Concen: 5.647 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTD005142

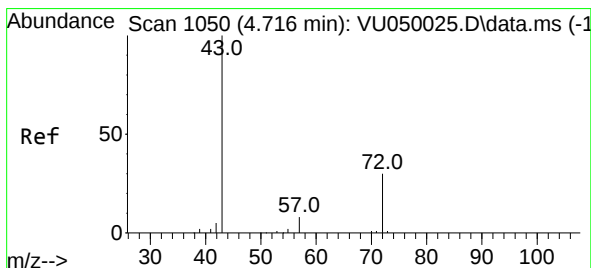
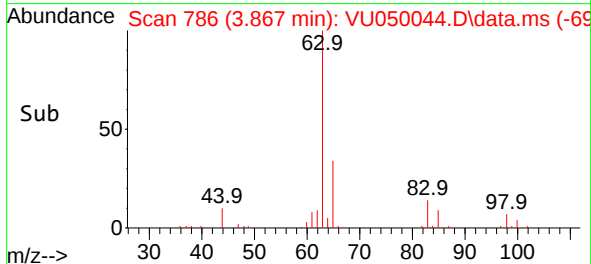
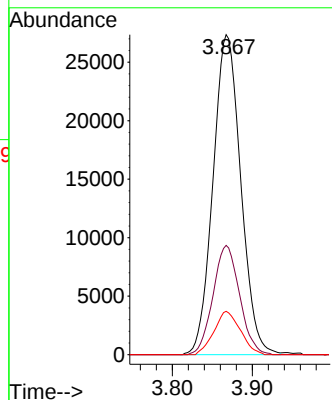
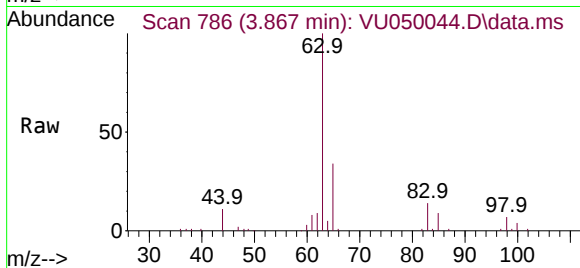
Tgt Ion: 63 Resp: 65953

Ion Ratio Lower Upper

63 100

65 34.2 23.4 43.6

83 13.6 9.4 17.4



#21

2-Butanone

Concen: 63.871 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.006 min

Lab File: VU050044.D

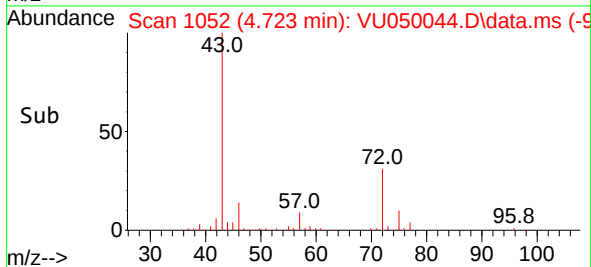
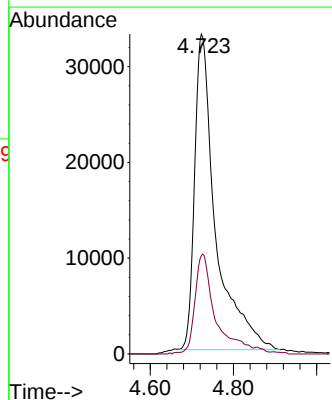
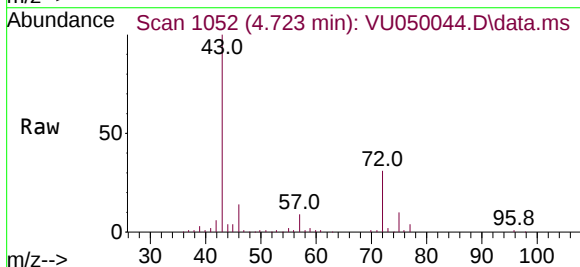
Acq: 02 Aug 2022 10:21

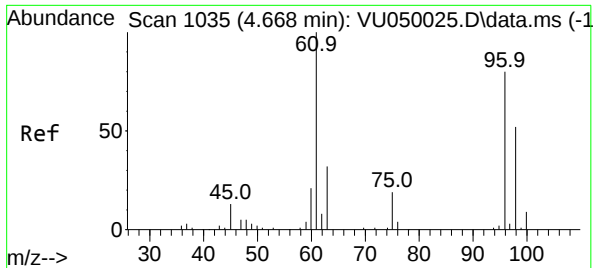
Tgt Ion: 43 Resp: 115996

Ion Ratio Lower Upper

43 100

72 30.6 15.8 47.3





#22

cis-1,2-Dichloroethene

Concen: 5.572 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTD005142

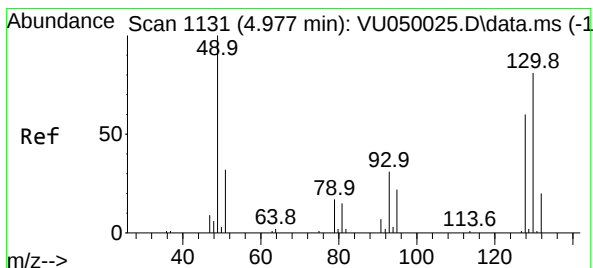
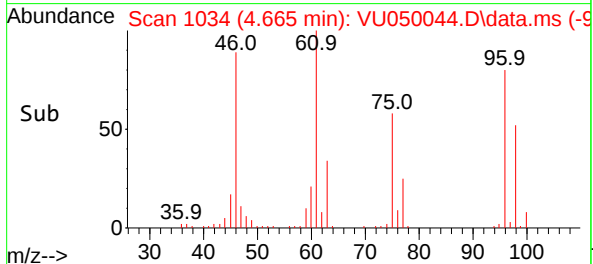
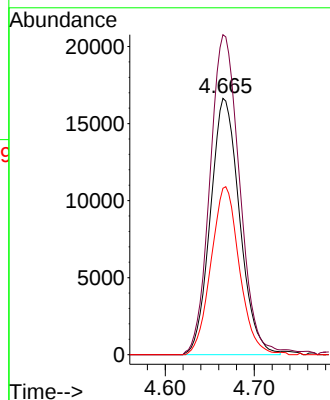
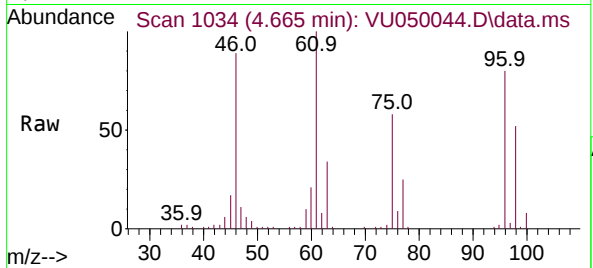
Tgt Ion: 96 Resp: 37918

Ion Ratio Lower Upper

96 100

61 124.8 87.2 161.9

98 64.9 44.7 83.1



#23

Bromochloromethane

Concen: 5.851 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

Tgt Ion: 128 Resp: 18236

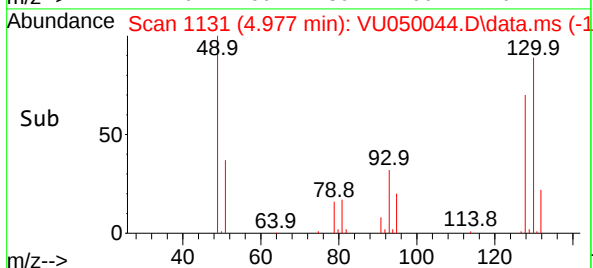
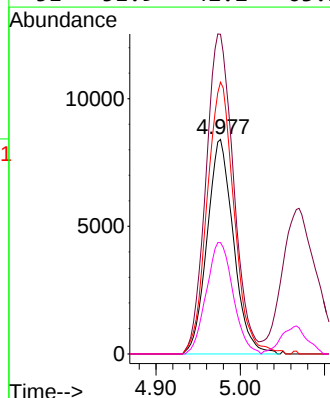
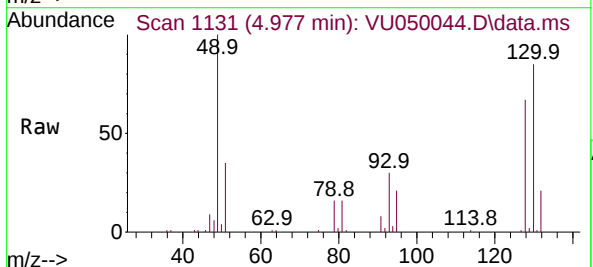
Ion Ratio Lower Upper

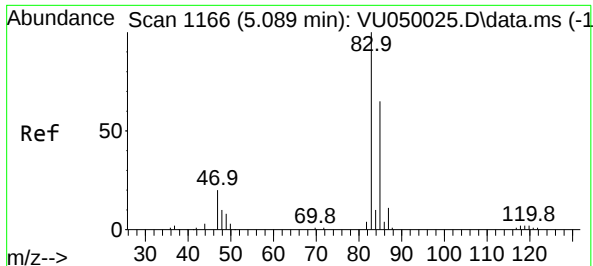
128 100

49 148.9 111.4 207.0

130 126.7 88.7 164.7

51 51.9 42.2 63.2





#25

Chloroform

Concen: 5.495 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

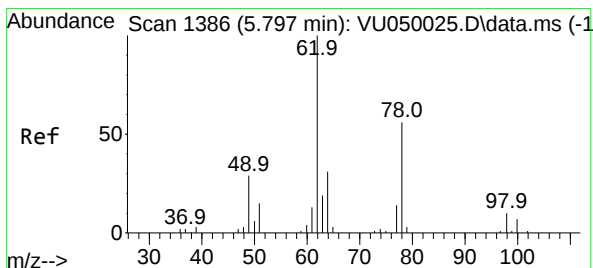
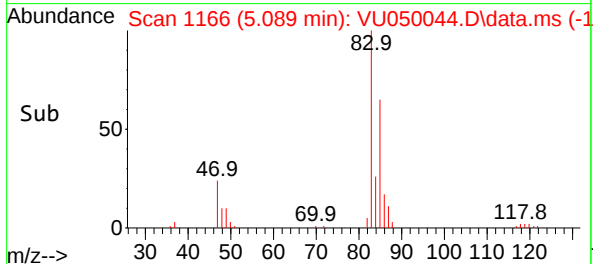
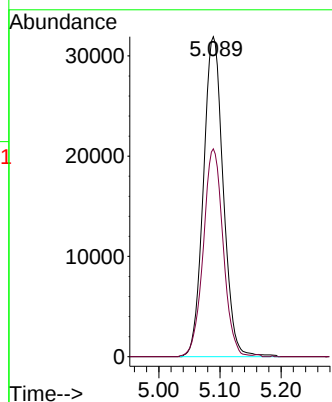
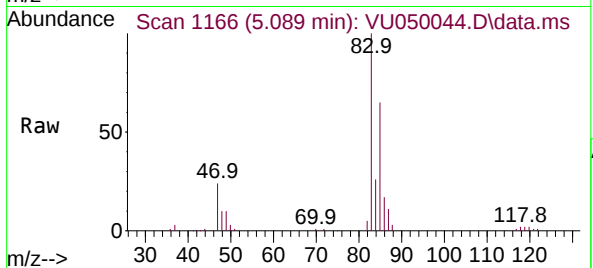
VSTD005142

Tgt Ion: 83 Resp: 71926

Ion Ratio Lower Upper

83 100

85 64.9 44.4 82.4



#27

1,2-Dichloroethane

Concen: 5.757 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU050044.D

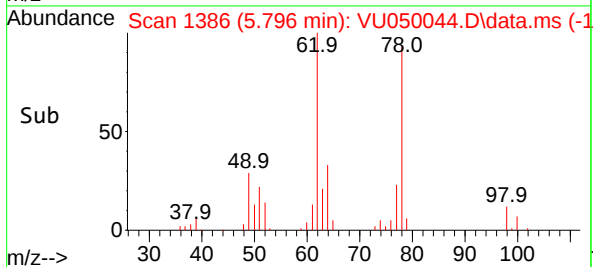
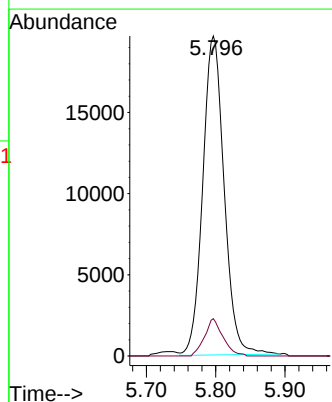
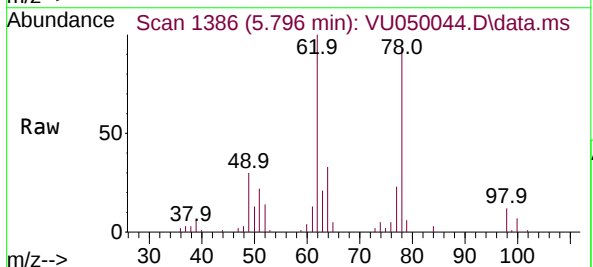
Acq: 02 Aug 2022 10:21

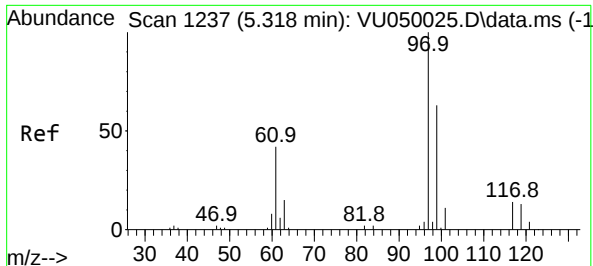
Tgt Ion: 62 Resp: 42056

Ion Ratio Lower Upper

62 100

98 11.6 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.847 ug/L

RT: 5.314 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTD005142

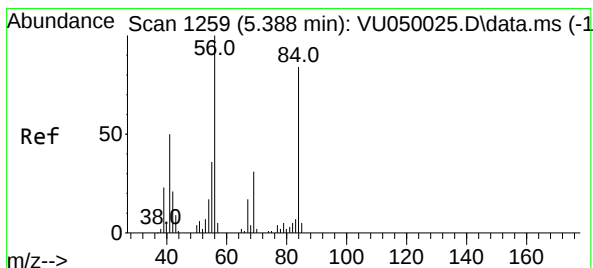
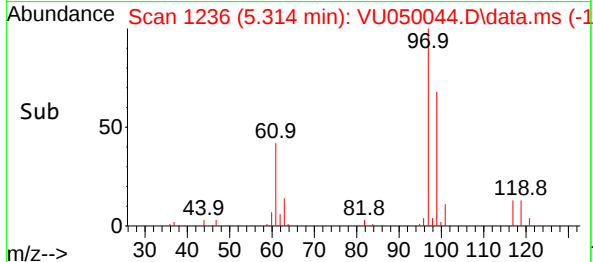
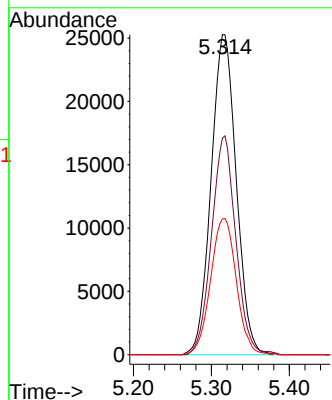
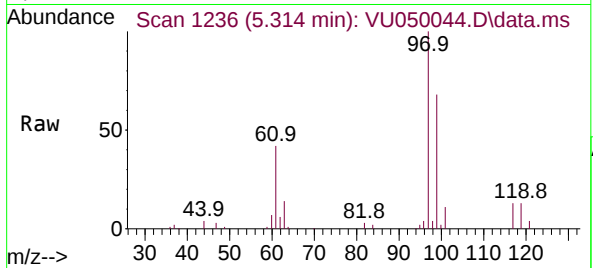
Tgt Ion: 97 Resp: 56851

Ion Ratio Lower Upper

97 100

99 66.0 52.0 78.0

61 43.3 35.0 52.6



#30

Cyclohexane

Concen: 5.590 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

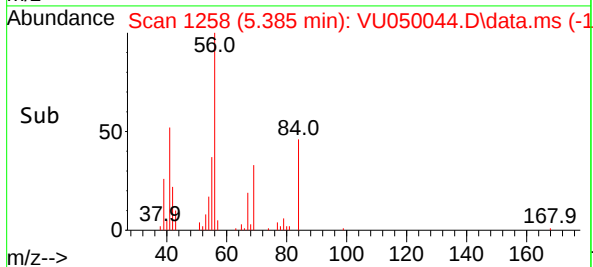
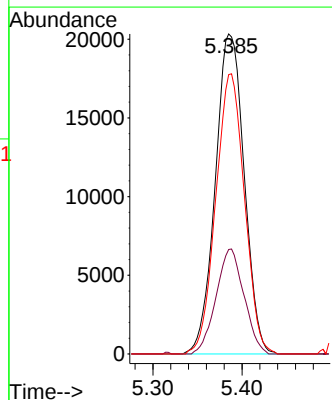
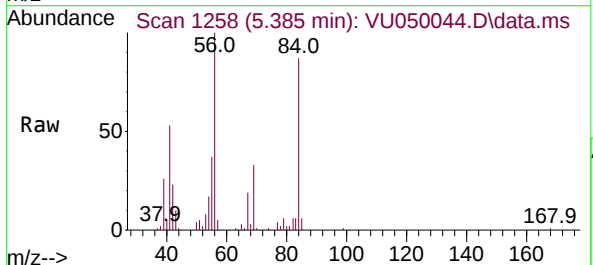
Tgt Ion: 56 Resp: 45878

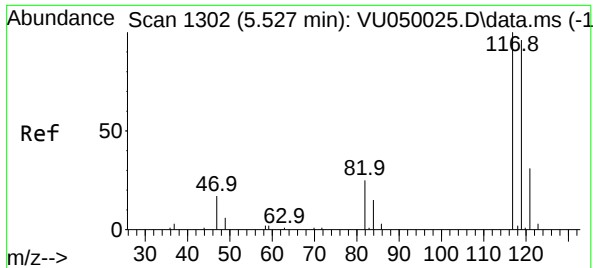
Ion Ratio Lower Upper

56 100

69 31.7 25.1 37.7

84 86.8 70.1 105.1

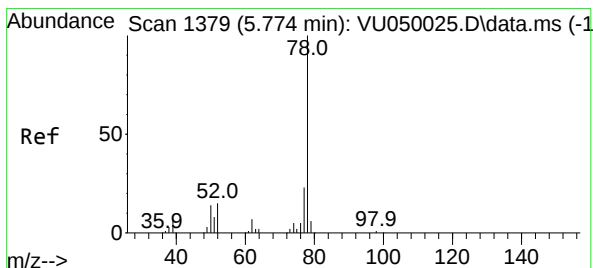
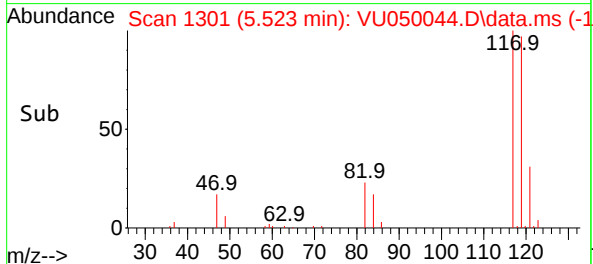
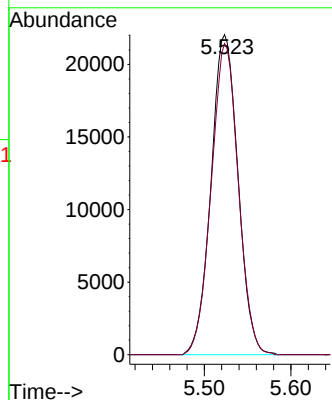
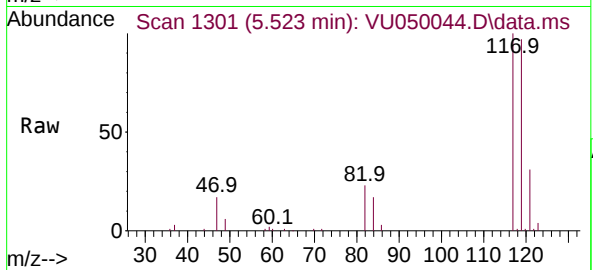




#31
Carbon tetrachloride
Concen: 6.047 ug/L
RT: 5.523 min Scan# 111
Delta R.T. -0.003 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

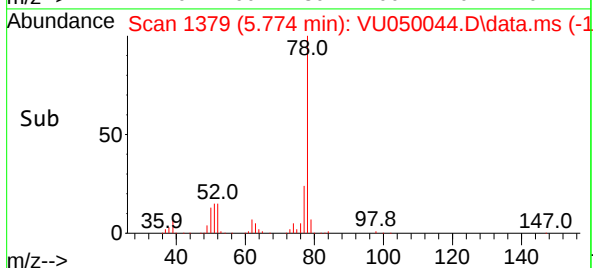
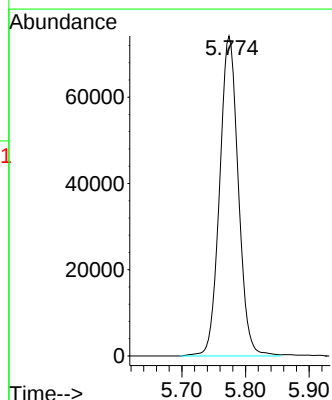
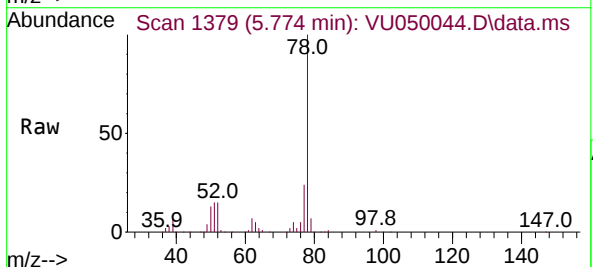
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

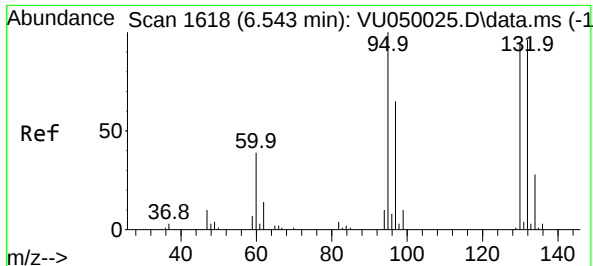
Tgt Ion:117 Resp: 47766
Ion Ratio Lower Upper
117 100
119 97.3 77.8 116.6



#33
Benzene
Concen: 5.664 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

Tgt Ion: 78 Resp: 151391



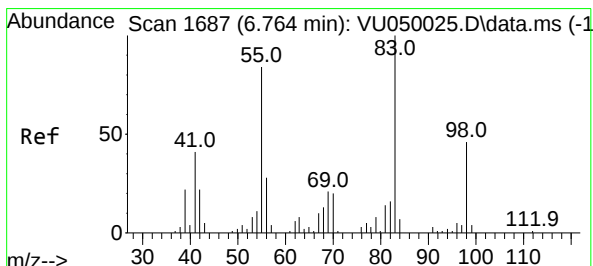
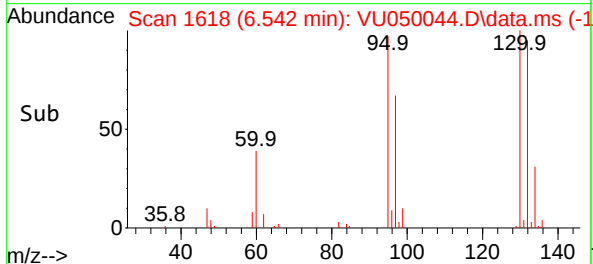
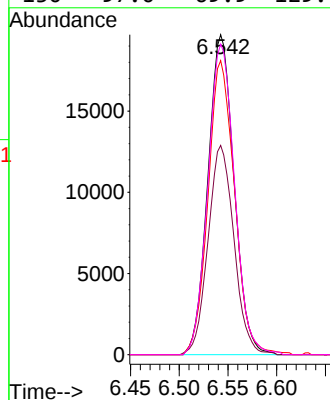
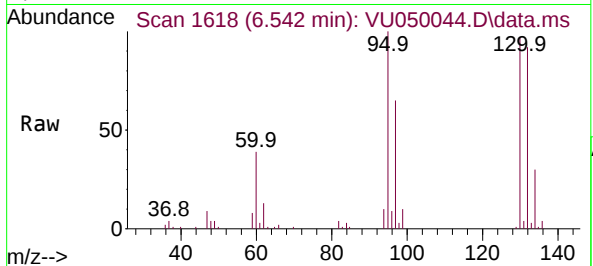


#34
Trichloroethene
Concen: 5.673 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

Tgt Ion: 95 Resp: 36853

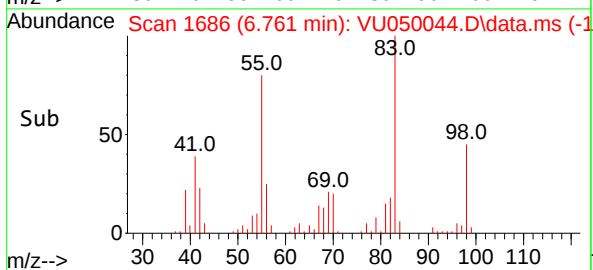
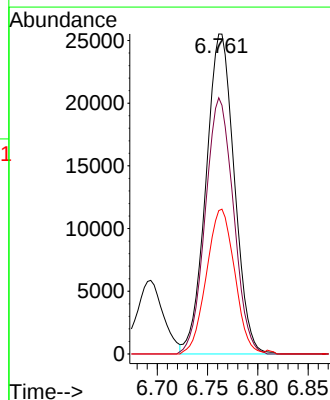
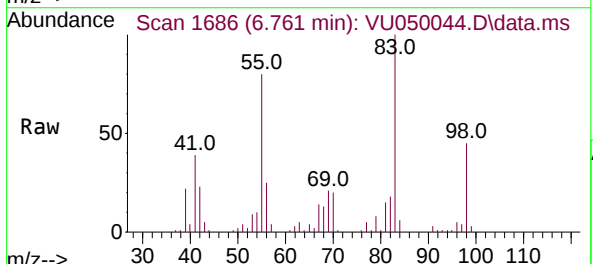
Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.6	84.8
132	91.9	66.8	124.2
130	97.0	69.9	129.7

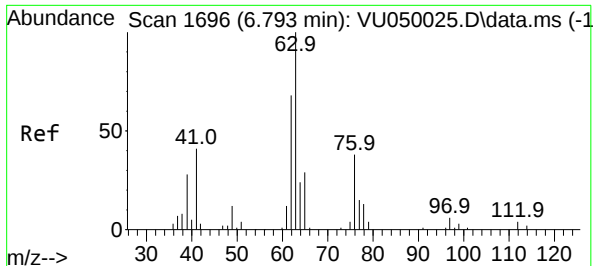


#35
Methylcyclohexane
Concen: 5.841 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

Tgt Ion: 83 Resp: 50046

Ion	Ratio	Lower	Upper
83	100		
55	79.4	61.6	92.4
98	44.9	34.8	52.2





#37

1,2-Dichloropropane

Concen: 5.762 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

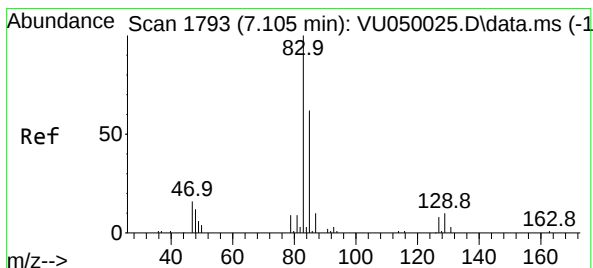
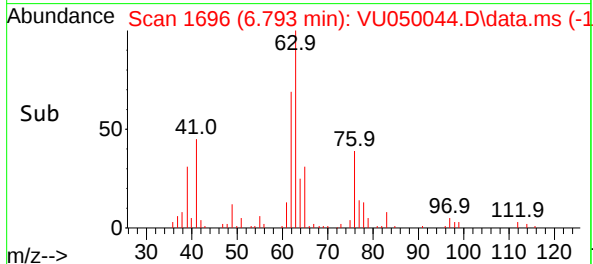
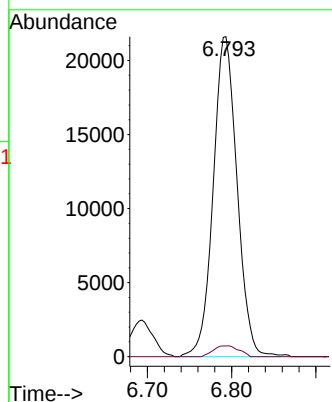
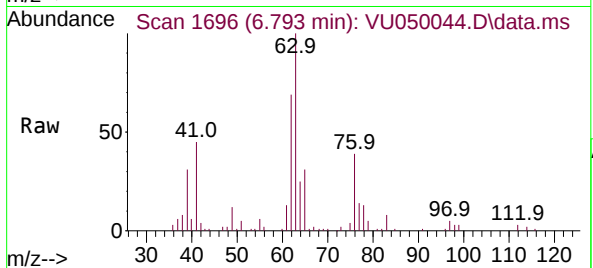
VSTD005142

Tgt Ion: 63 Resp: 42441

Ion Ratio Lower Upper

63 100

112 3.6 3.0 4.6



#38

Bromodichloromethane

Concen: 5.802 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

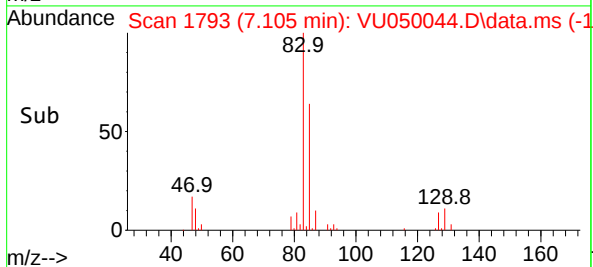
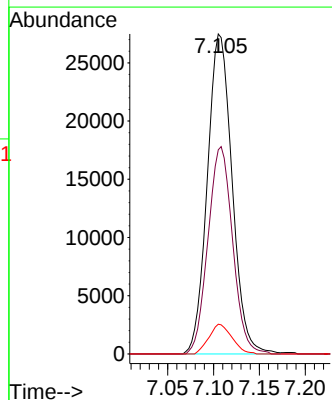
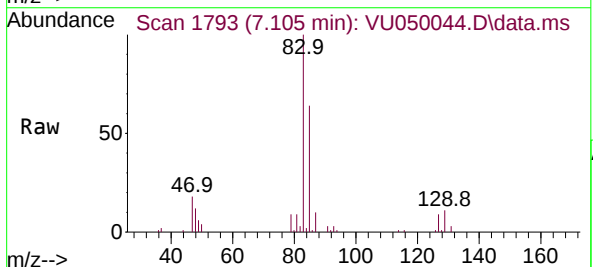
Tgt Ion: 83 Resp: 51707

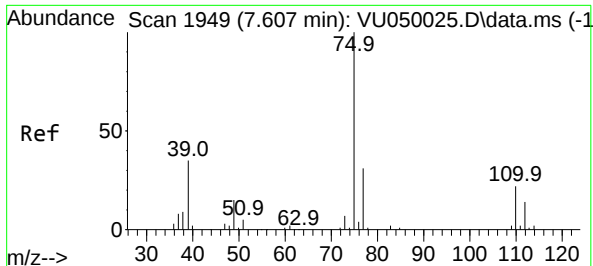
Ion Ratio Lower Upper

83 100

85 63.8 44.9 83.5

127 9.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.591 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

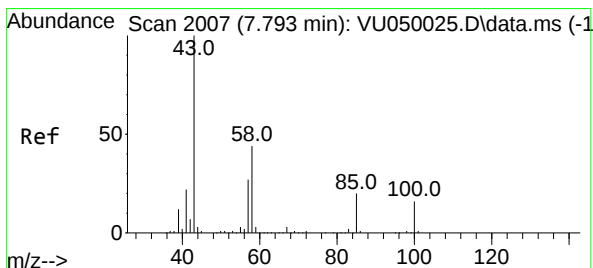
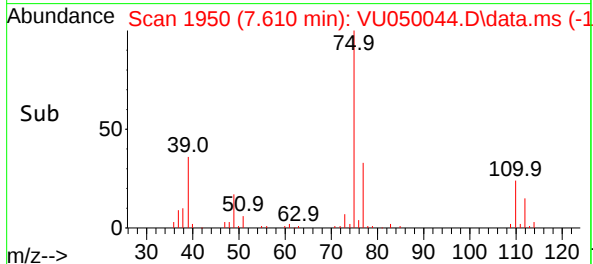
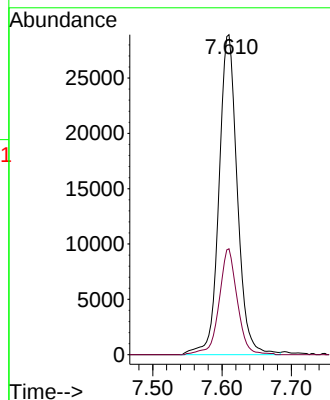
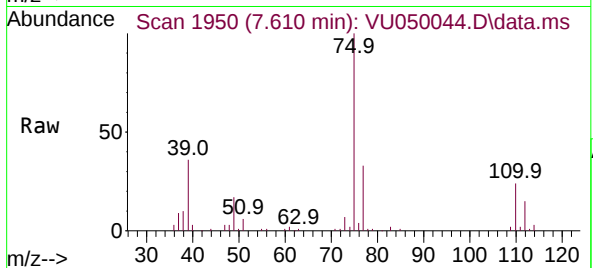
VSTD005142

Tgt Ion: 75 Resp: 53288

Ion Ratio Lower Upper

75 100

77 33.1 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 61.851 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

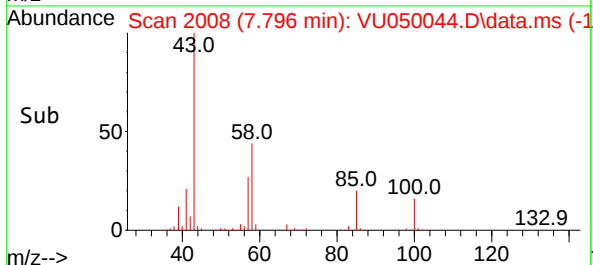
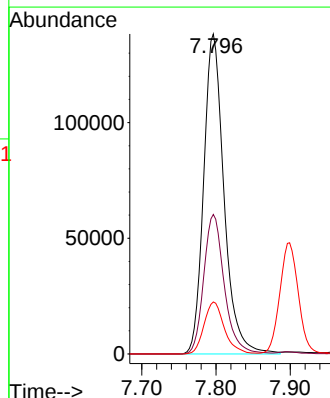
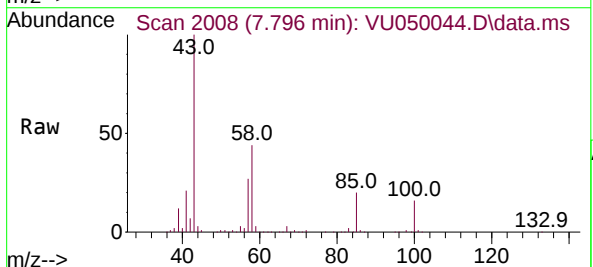
Tgt Ion: 43 Resp: 263227

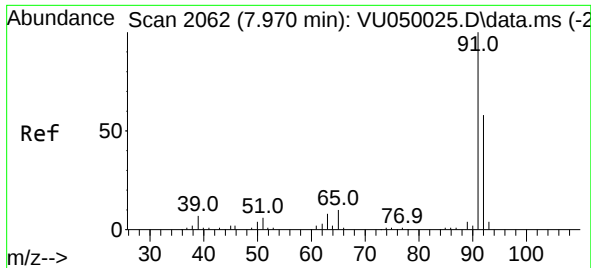
Ion Ratio Lower Upper

43 100

58 44.0 35.5 53.3

100 16.3 13.2 19.8





#42

Toluene

Concen: 5.805 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

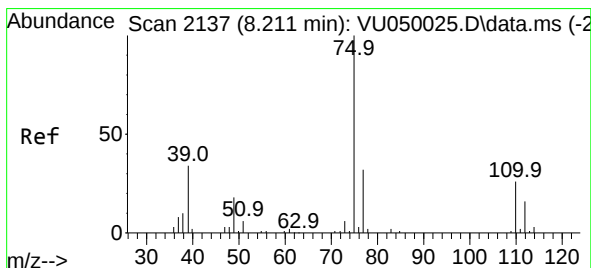
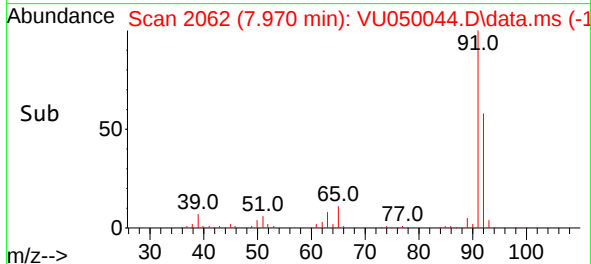
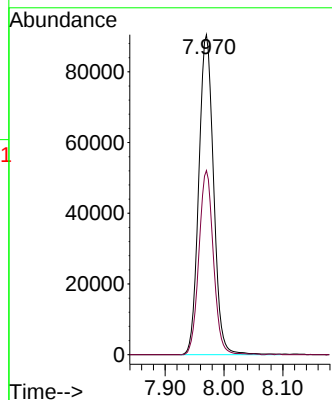
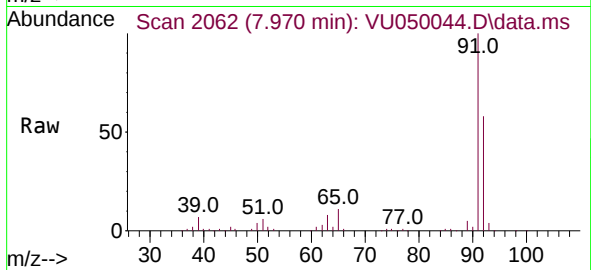
VSTD005142

Tgt Ion: 91 Resp: 157770

Ion Ratio Lower Upper

91 100

92 57.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.926 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU050044.D

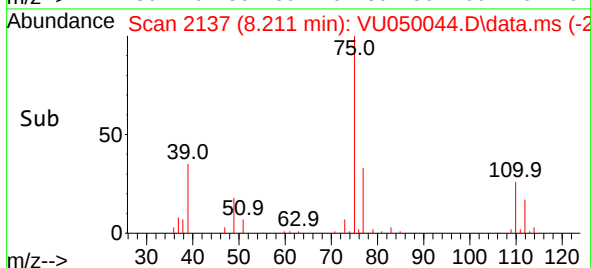
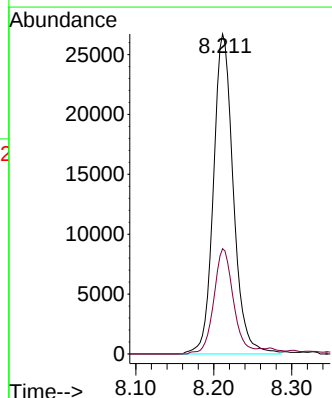
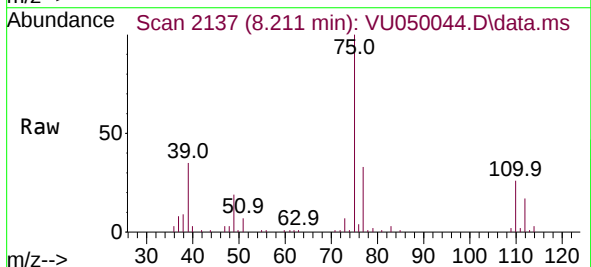
Acq: 02 Aug 2022 10:21

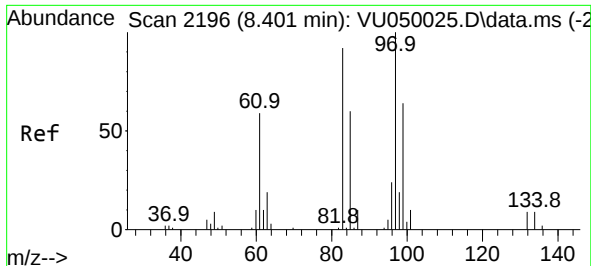
Tgt Ion: 75 Resp: 47433

Ion Ratio Lower Upper

75 100

77 32.9 24.1 44.8



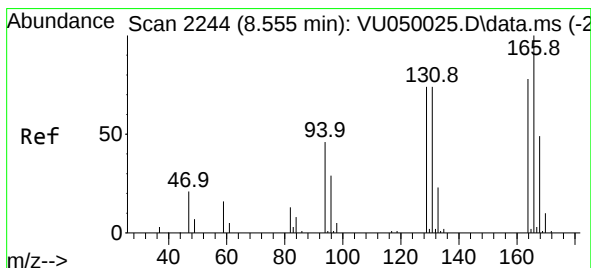
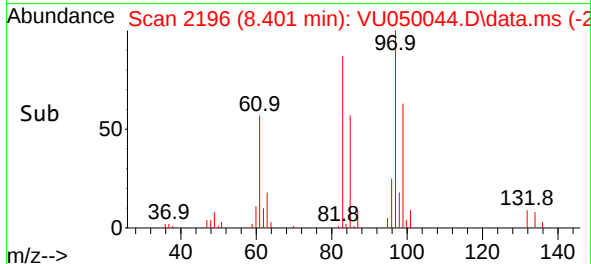
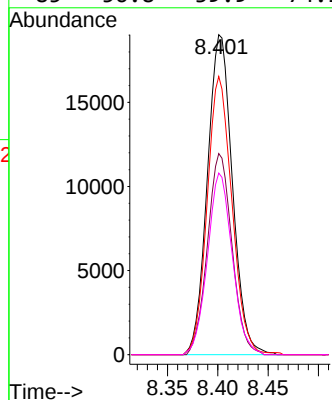
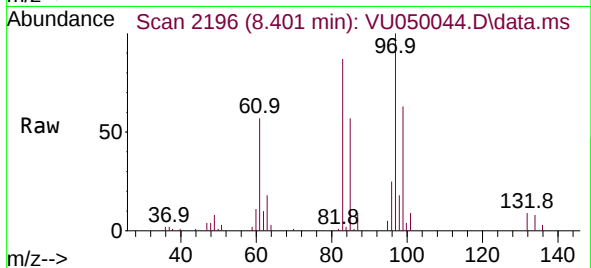


#45
1,1,2-Trichloroethane
Concen: 5.992 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

Tgt Ion: 97 Resp: 32977

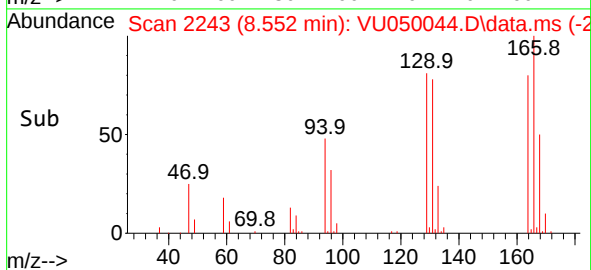
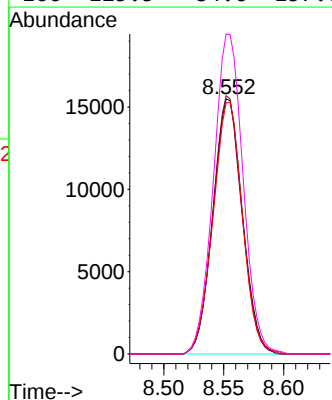
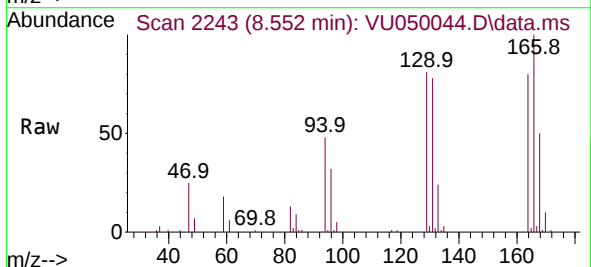
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.5	80.9
83	87.0	59.9	111.3
85	56.8	39.9	74.1

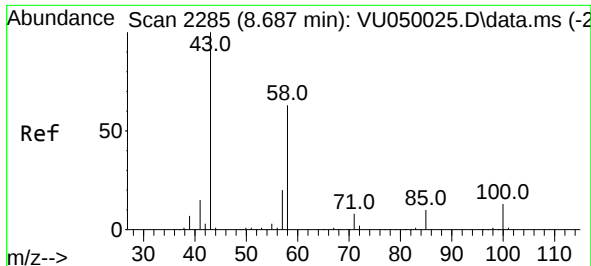


#47
Tetrachloroethene
Concen: 5.663 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

Tgt Ion: 164 Resp: 26477

Ion	Ratio	Lower	Upper
164	100		
129	101.3	66.3	123.1
131	98.4	63.1	117.1
166	125.5	84.6	157.0



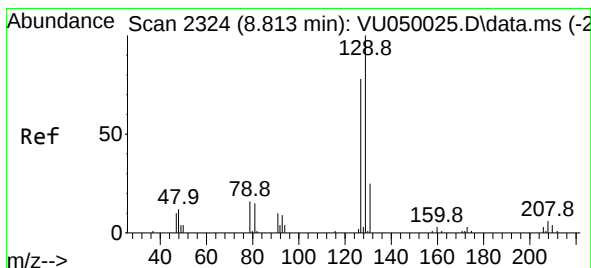
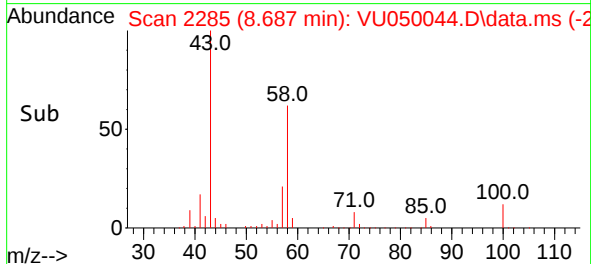
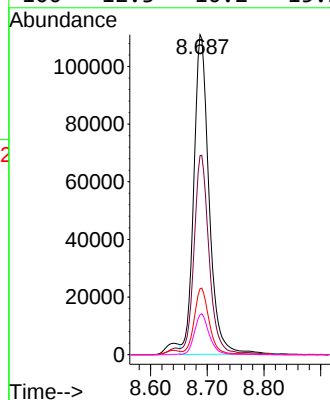
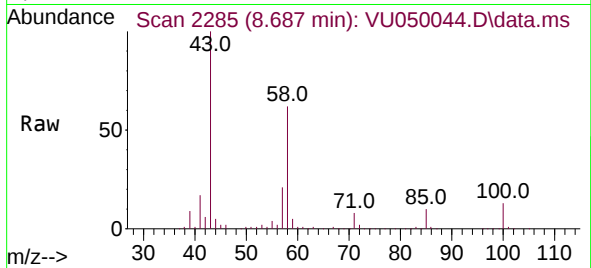


#48
2-Hexanone
Concen: 63.921 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

Tgt Ion: 43 Resp: 207372

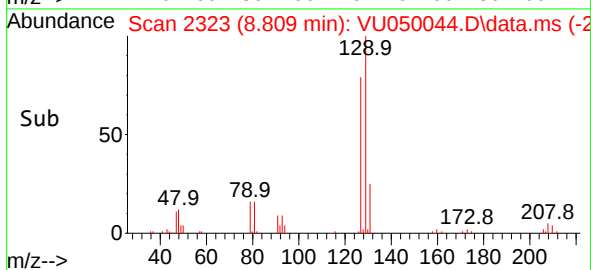
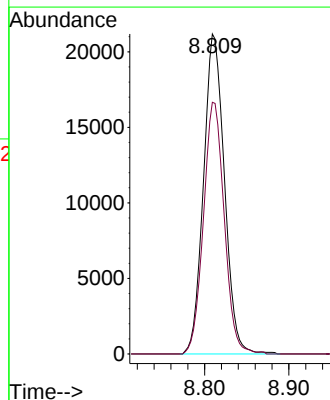
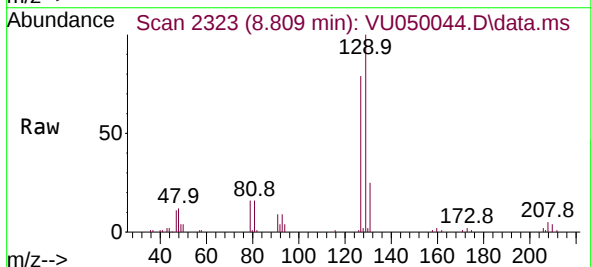
Ion	Ratio	Lower	Upper
43	100		
58	60.1	49.4	74.0
57	20.4	17.0	25.4
100	12.3	10.2	15.2

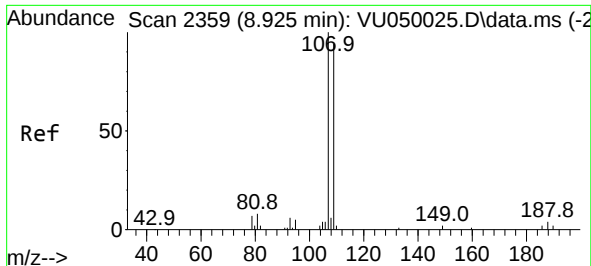


#49
Dibromochloromethane
Concen: 6.081 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

Tgt Ion: 129 Resp: 36623

Ion	Ratio	Lower	Upper
129	100		
127	78.7	54.5	101.1

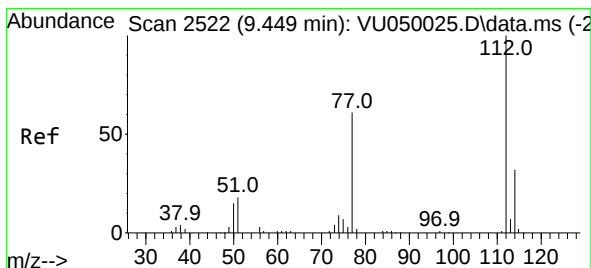
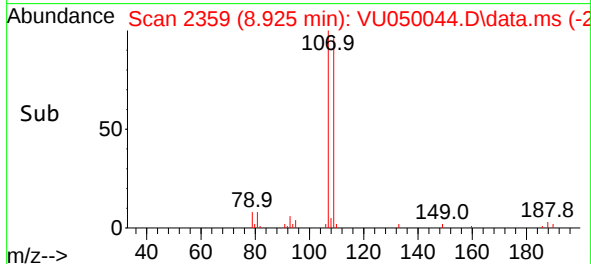
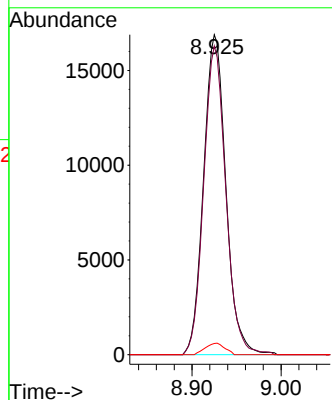
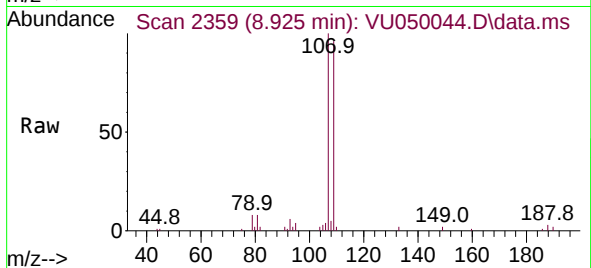




#50
1,2-Dibromoethane
Concen: 6.004 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

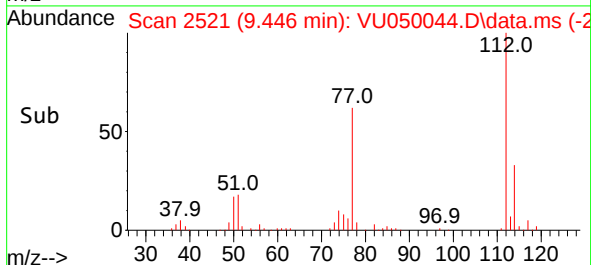
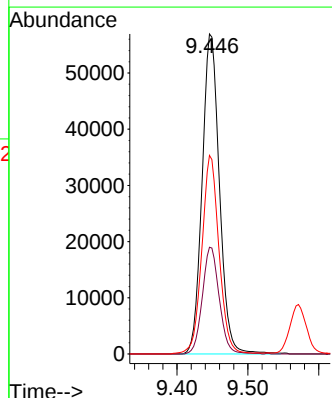
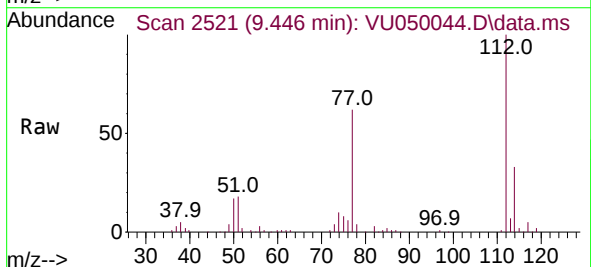
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

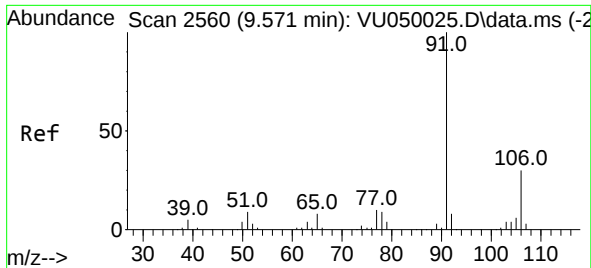
Tgt Ion:107 Resp: 29342
Ion Ratio Lower Upper
107 100
109 96.4 62.7 116.5
188 3.5 2.4 3.6



#51
Chlorobenzene
Concen: 5.603 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

Tgt Ion:112 Resp: 96667
Ion Ratio Lower Upper
112 100
114 33.3 22.4 41.6
77 62.1 48.2 72.4

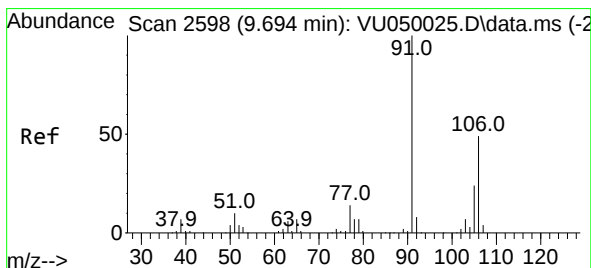
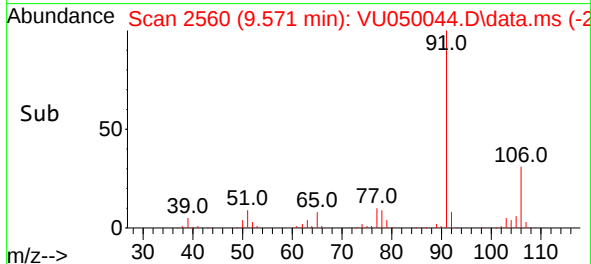
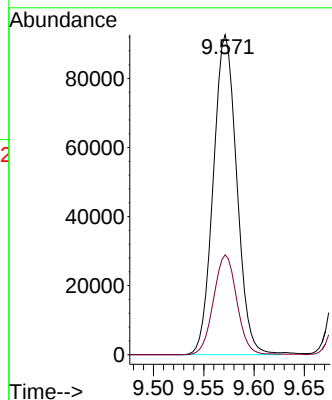
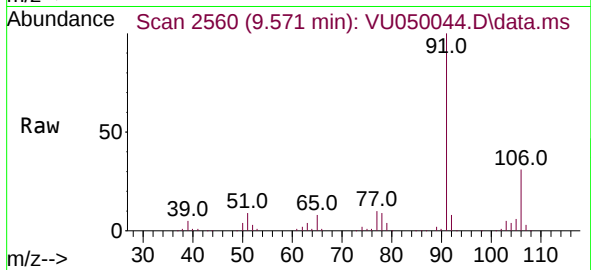




#52
Ethylbenzene
Concen: 5.657 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

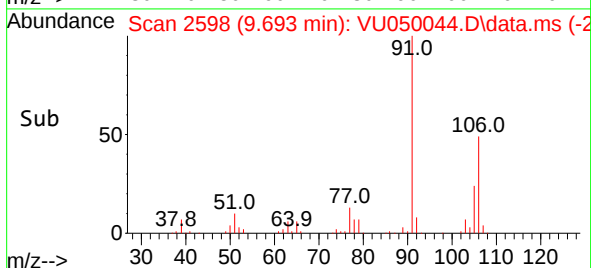
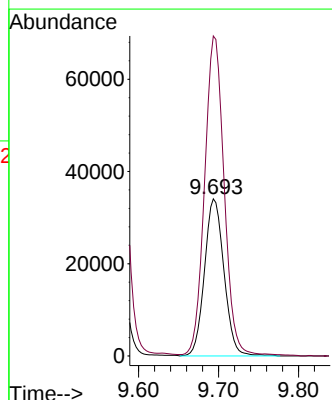
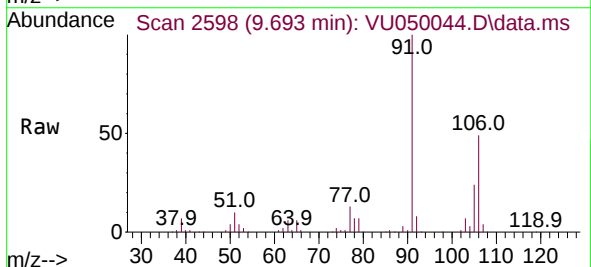
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

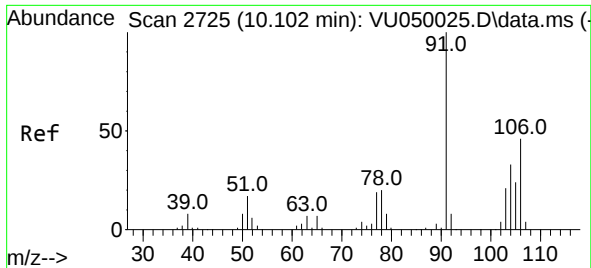
Tgt Ion: 91 Resp: 150611
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.0



#53
m,p-Xylene
Concen: 5.713 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

Tgt Ion: 106 Resp: 57914
Ion Ratio Lower Upper
106 100
91 203.6 142.4 264.4

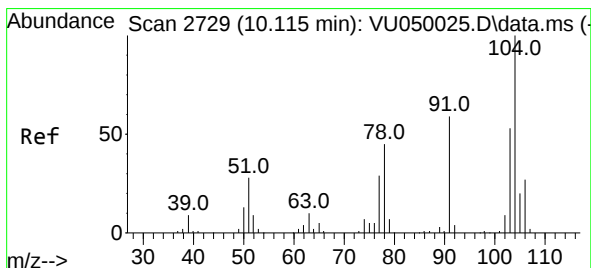
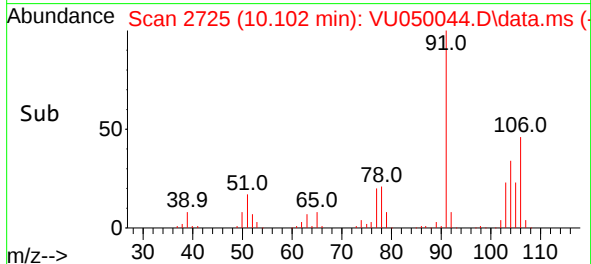
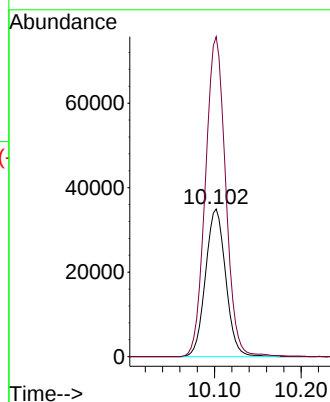
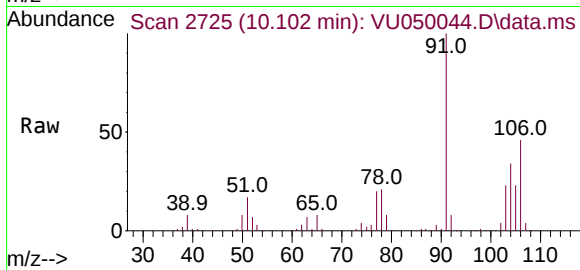




#54
o-Xylene
Concen: 5.778 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

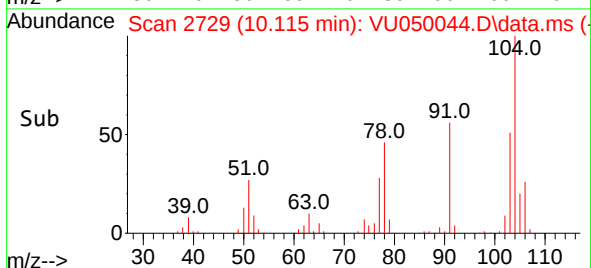
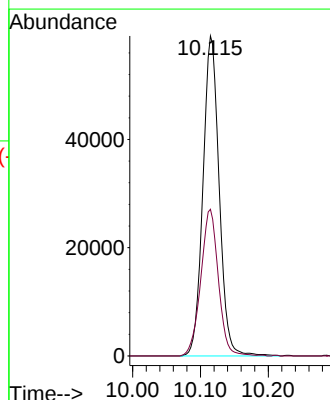
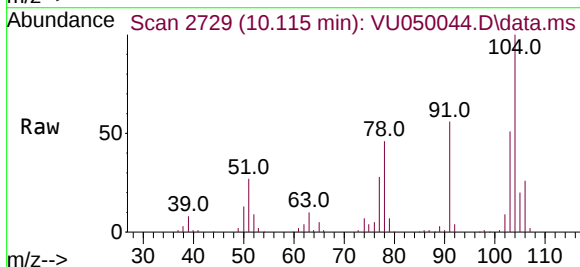
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

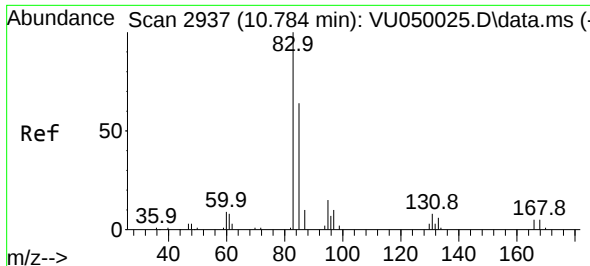
Tgt Ion:106 Resp: 56788
Ion Ratio Lower Upper
106 100
91 216.8 148.7 276.1



#55
Styrene
Concen: 5.881 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

Tgt Ion:104 Resp: 98448
Ion Ratio Lower Upper
104 100
78 45.9 30.9 57.3





#57

1,1,2,2-Tetrachloroethane

Concen: 6.163 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTD005142

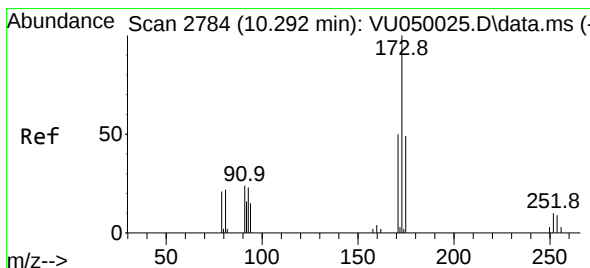
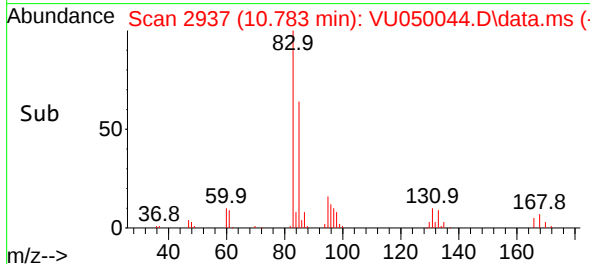
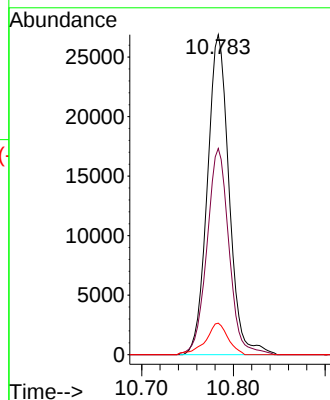
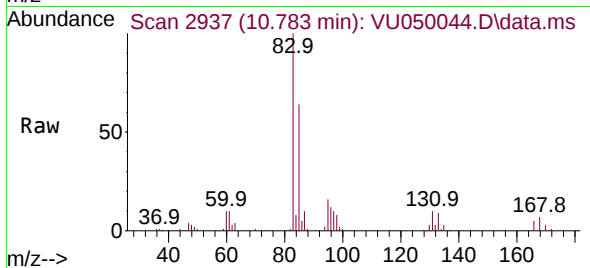
Tgt Ion: 83 Resp: 44151

Ion Ratio Lower Upper

83 100

85 64.5 46.6 86.6

131 9.9 7.9 11.9



#59

Bromoform

Concen: 6.081 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

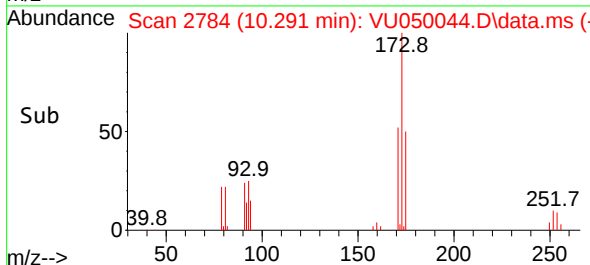
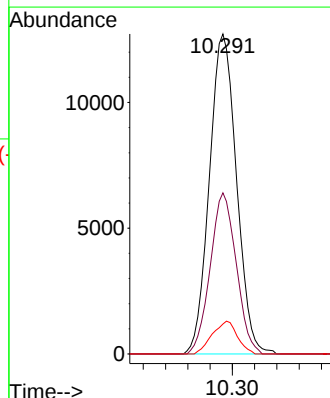
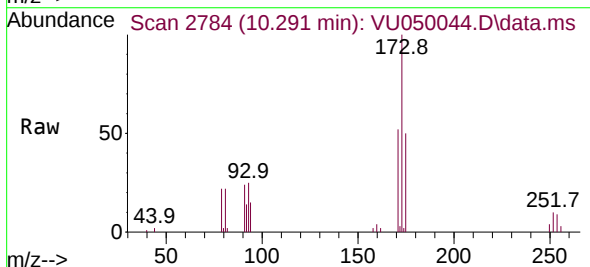
Tgt Ion:173 Resp: 21492

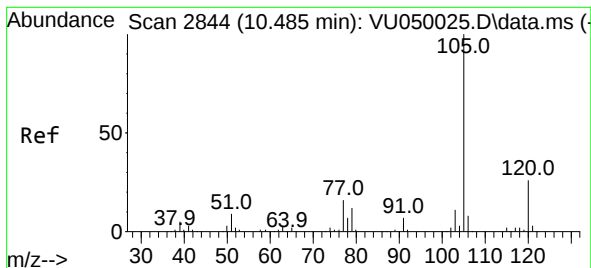
Ion Ratio Lower Upper

173 100

175 48.2 39.1 58.7

254 9.5 7.5 11.3





#60

Isopropylbenzene

Concen: 5.659 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTD005142

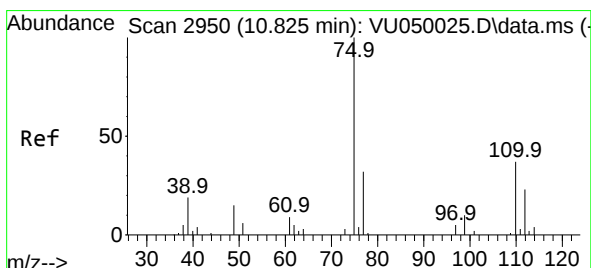
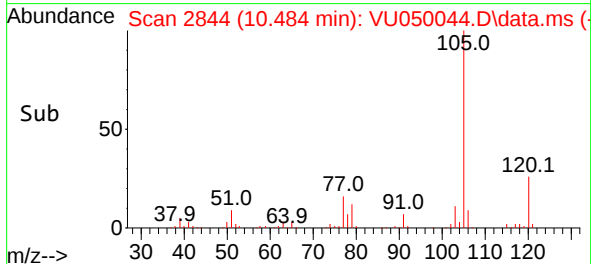
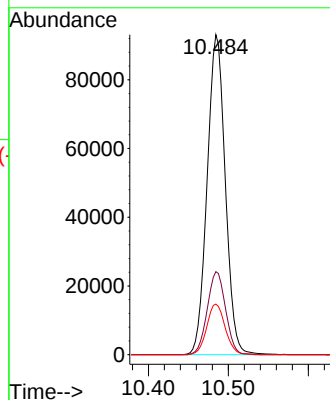
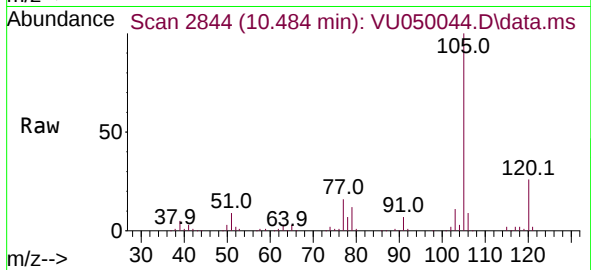
Tgt Ion:105 Resp: 146991

Ion Ratio Lower Upper

105 100

120 26.1 20.5 30.7

77 16.1 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 5.838 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

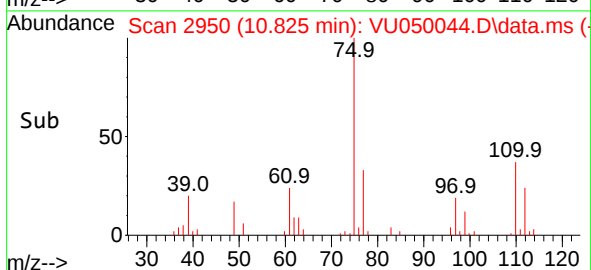
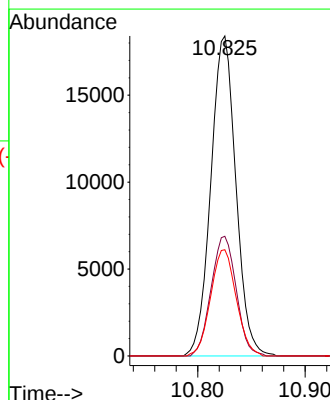
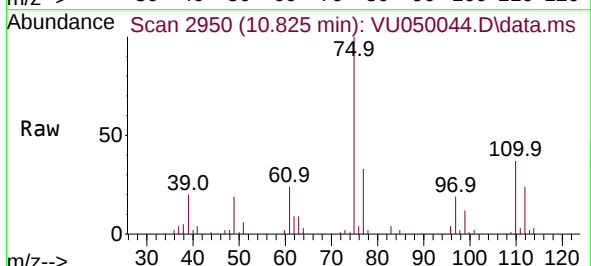
Tgt Ion: 75 Resp: 29812

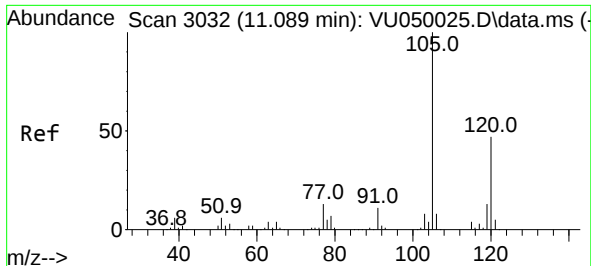
Ion Ratio Lower Upper

75 100

110 37.4 28.1 42.1

77 33.9 24.7 37.1

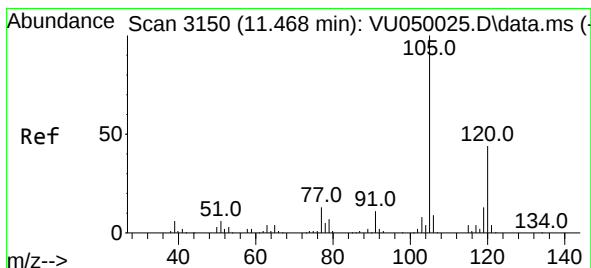
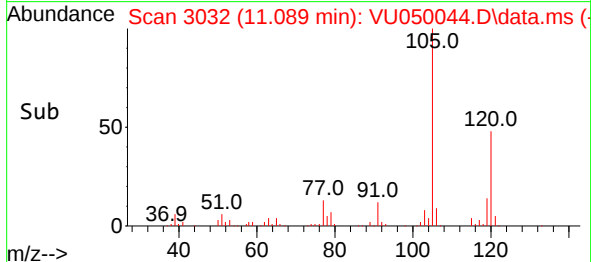
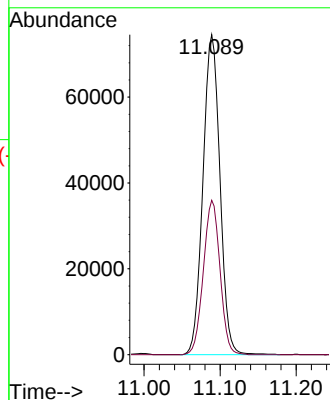
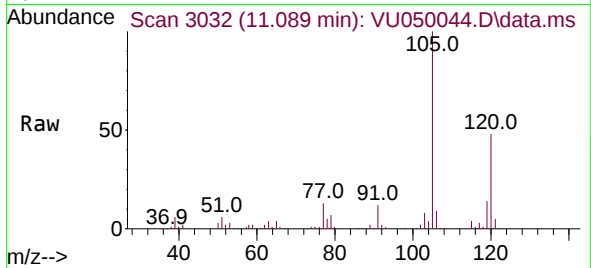




#62
1,3,5-Trimethylbenzene
Concen: 5.490 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

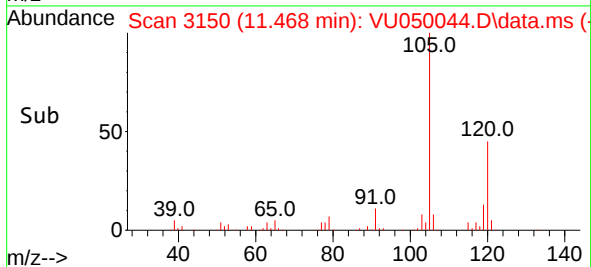
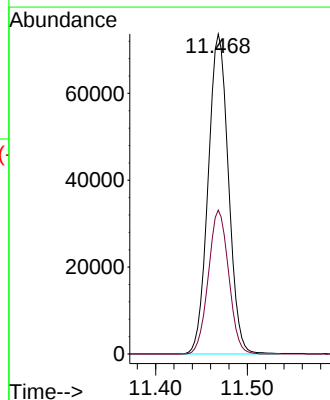
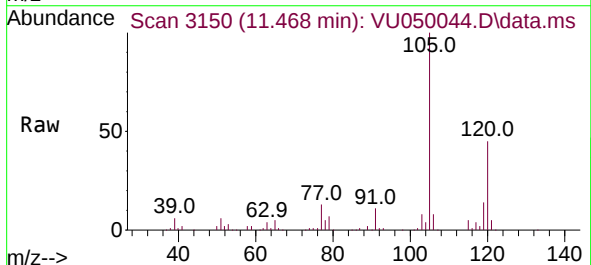
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

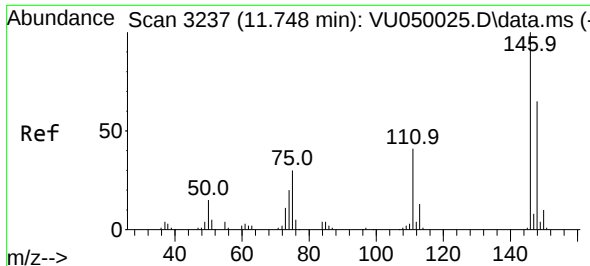
Tgt Ion:105 Resp: 115861
Ion Ratio Lower Upper
105 100
120 47.1 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.543 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

Tgt Ion:105 Resp: 113367
Ion Ratio Lower Upper
105 100
120 44.9 35.4 53.2

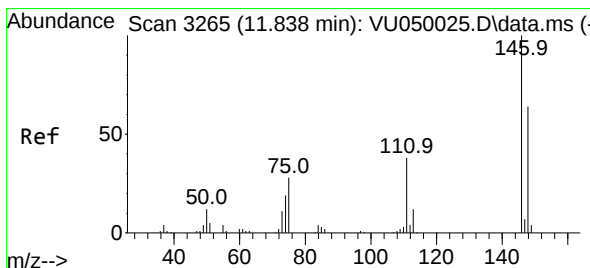
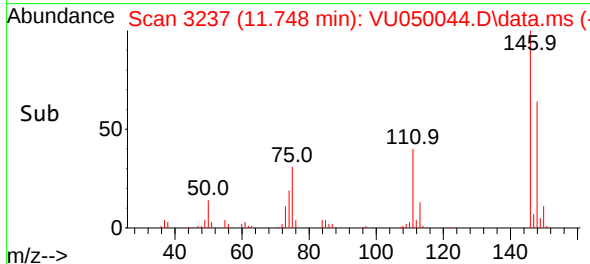
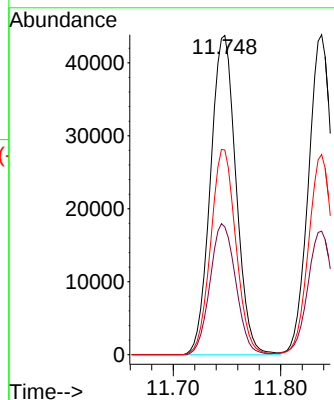
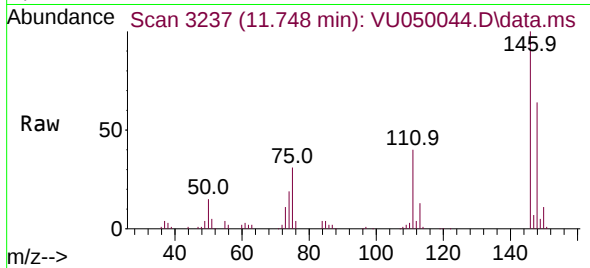




#64
1,3-Dichlorobenzene
Concen: 5.806 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

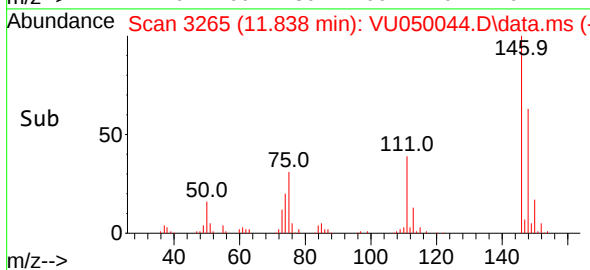
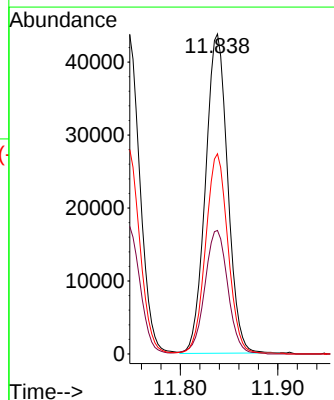
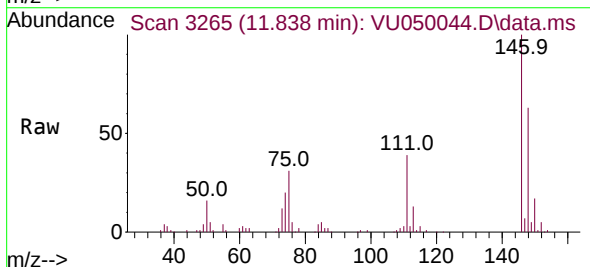
Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

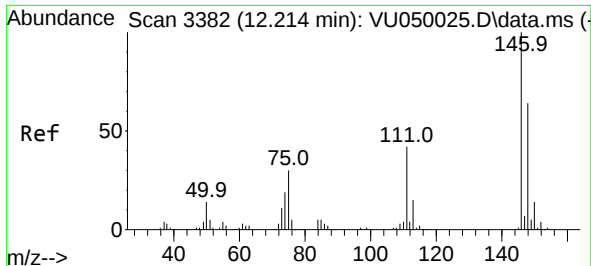
Tgt Ion:146 Resp: 72207
Ion Ratio Lower Upper
146 100
111 40.0 28.9 53.7
148 64.1 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 5.624 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

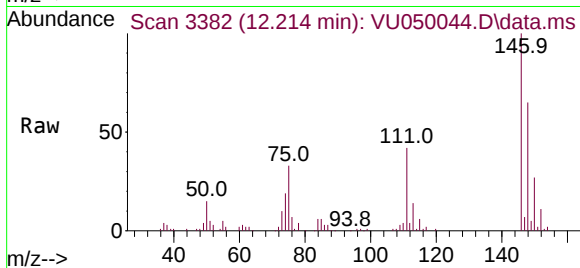
Tgt Ion:146 Resp: 69213
Ion Ratio Lower Upper
146 100
111 38.6 26.4 49.0
148 62.6 44.3 82.3



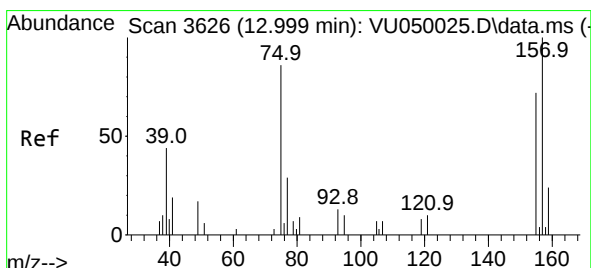
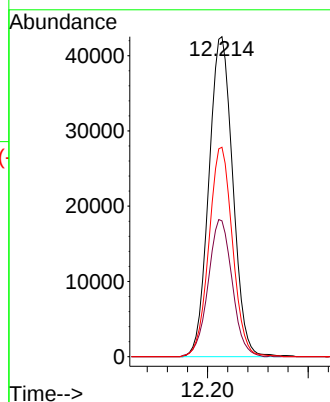
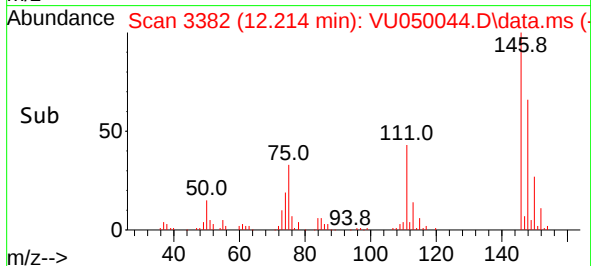


#67
 1,2-Dichlorobenzene
 Concen: 5.694 ug/L
 RT: 12.214 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU050044.D
 Acq: 02 Aug 2022 10:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005142

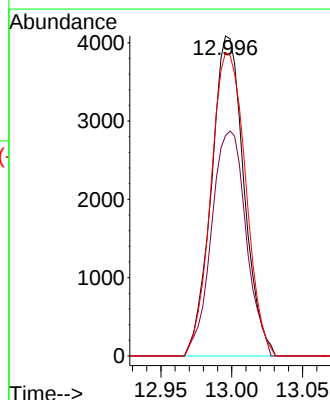
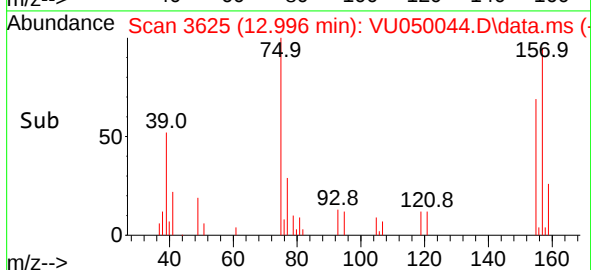
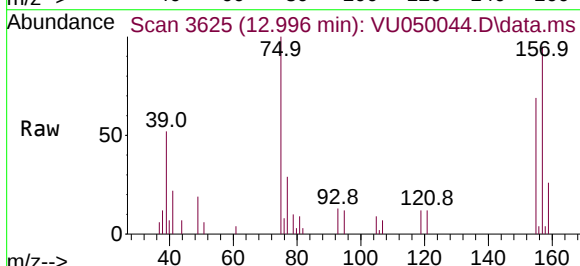


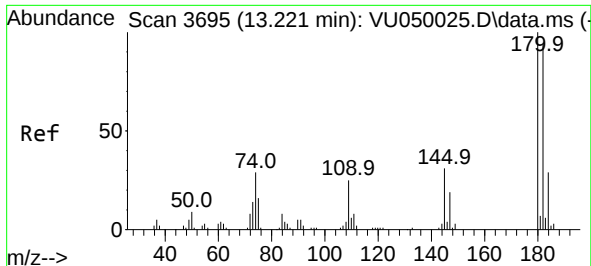
Tgt Ion:146 Resp: 70359
 Ion Ratio Lower Upper
 146 100
 111 42.5 33.4 50.2
 148 65.5 51.3 76.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 6.462 ug/L
 RT: 12.996 min Scan# 3625
 Delta R.T. -0.003 min
 Lab File: VU050044.D
 Acq: 02 Aug 2022 10:21

Tgt Ion: 75 Resp: 6518
 Ion Ratio Lower Upper
 75 100
 155 68.9 59.4 89.0
 157 94.8 73.8 110.6





#69

1,3,5-Trichlorobenzene

Concen: 5.715 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. -0.000 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTD005142

Tgt Ion:180 Resp: 51246

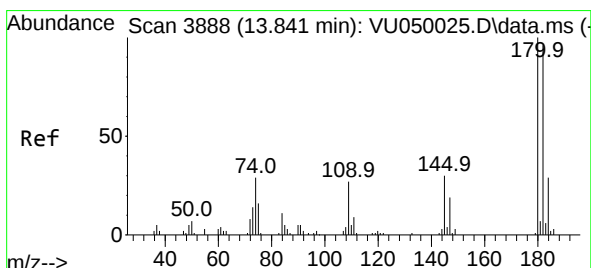
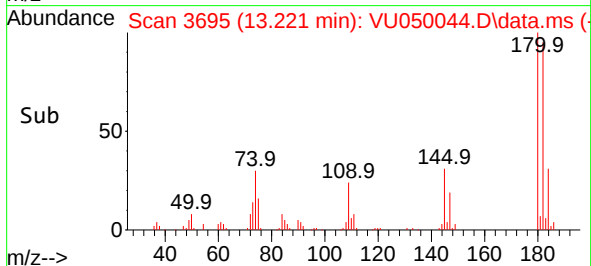
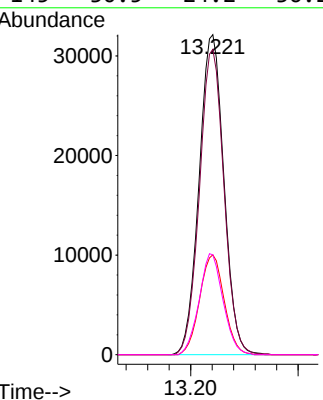
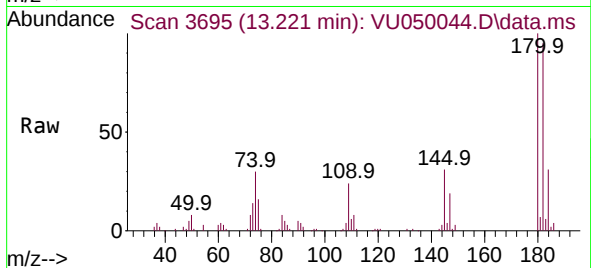
Ion Ratio Lower Upper

180 100

182 94.4 77.2 115.8

184 30.9 23.9 35.9

145 30.5 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 5.335 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU050044.D

Acq: 02 Aug 2022 10:21

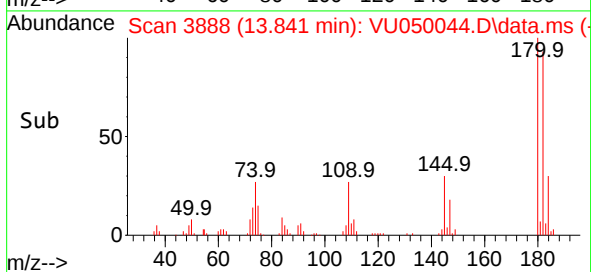
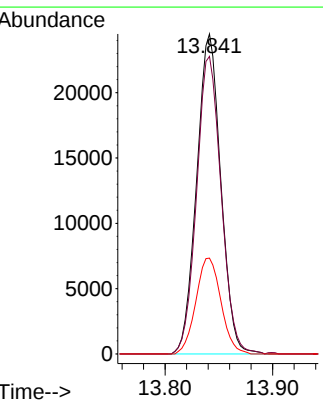
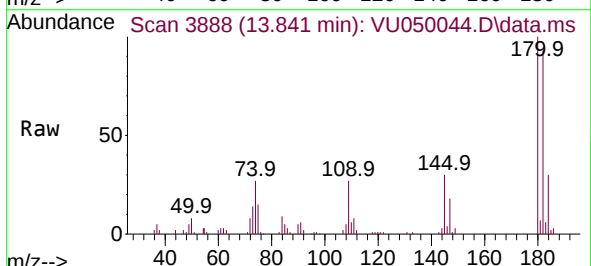
Tgt Ion:180 Resp: 38159

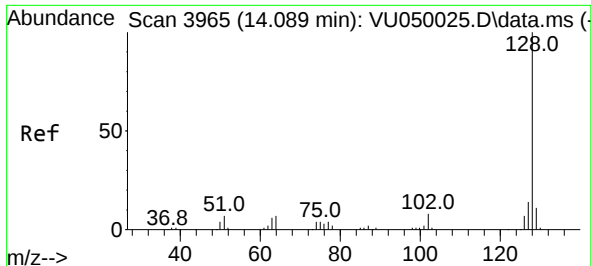
Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.6

145 31.1 23.8 35.8

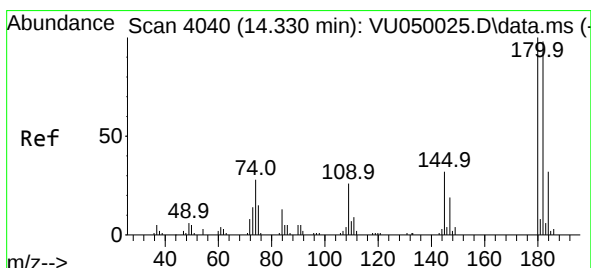
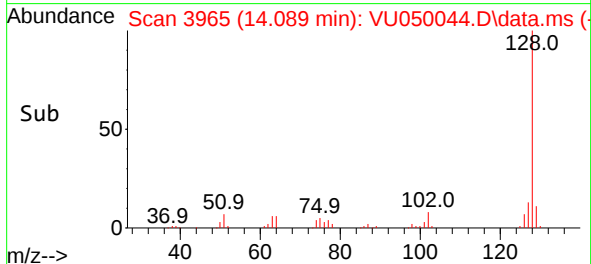
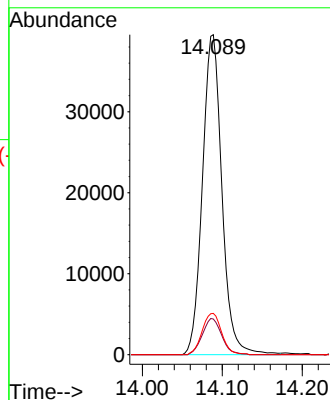
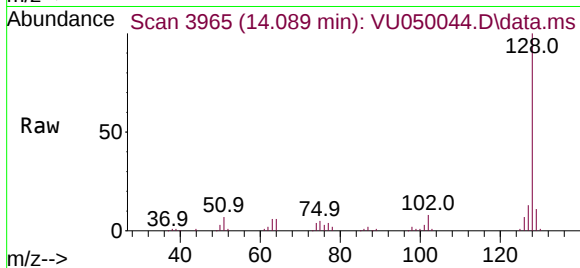




#71
Naphthalene
Concen: 4.728 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

Tgt Ion:	128	Resp:	67061
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.5	12.7
127	13.0	10.3	15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.444 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050044.D
Acq: 02 Aug 2022 10:21

Tgt Ion:	180	Resp:	38649
Ion Ratio	Lower	Upper	
180	100		
182	94.4	77.0	115.4
145	31.6	26.3	39.5

